DEPARTMENT OF CITY PLANNING
APPEAL REPORT

City Planning Commission

Date: October 8, 2020
Time: **After 8:30 a.m.***
Place: In conformity with the Governor's Executive Order N-29-20 (March 17, 2020) and due to concerns over COVID-19, the CPC meeting will be conducted entirely telephonically by Zoom [https://zoom.us/].

Public Hearing: Required
Appeal Status: Not Further Appealable
Expiration Date: October 8, 2020

Case No.: **DIR-2019-6048-TOC-SPR-WDI-1A**
CEQA No.: ENV-2016-273-MND-REC1
Incidental Case: None
Related Case: None
Council No.: 1 - Gilbert Cedillo
Plan Area: Northeast Los Angeles
Specific Plan: Cornfield / Arroyo Seco
Certified NC: Lincoln Heights
GPLU: Commercial Manufacturing
Zone: [T][Q]CM-2D
Applicant: Jay Stark, R Cap Avenue 34, LLC
Representative: Andrew Brady, DLA Piper, LLP
Appellant: Patricia Camacho

PROJECT LOCATION: **135 – 153 West Avenue 34**

PROPOSED PROJECT: The proposed project is the construction, use, and maintenance of a new, five-story, 514,756 square-foot mixed-use building with 468 dwelling units, including 66 dwelling units set aside for Very Low Income Households (or 14% of the proposed density) and 16,395 square feet of commercial space. The development will be constructed within two (2) phases, and is designed as one (1) building which includes two (2) levels of subterranean parking across the entire site with three (3) structures above that include residential and commercial uses. The structures will be four (4) and five (5) stories tall with a total of 311 automobile parking spaces, 35 short-term and 264 long-term bicycle parking spaces, and a total of 49,152 square feet of open space for residents.

APPEAL ACTION: Pursuant to Los Angeles Municipal Code (LAMC) Sections 12.22-A,25(g) and 12.22-A,31, an appeal of the Director of Planning's Determination approving a Transit Oriented Communities Affordable Housing Incentive Program project allowing a 70% increase in density for a Tier 3 project totaling 468 dwelling units with 66 units set aside as affordable housing units for Very Low Income (VLI) Households for a period of 55 years along with the following two (2) Additional Incentives:

a. **Setback.** To permit the use of any or all the yard requirements for the RAS3 Zone in lieu of the [T][Q]CM-2D, and

b. **Transitional Height.** To utilize the Transit Oriented Communities transitional height requirements in lieu of those found in LAMC Section 12.21.1-A,10;

Pursuant to LAMC Section 16.05-H, an appeal of the Director of Planning's Determination approving a Site Plan Review for the construction, use and maintenance of a new, five-story, mixed-use building with 468 dwelling units, and 16,395 square feet of commercial space in the [T][Q]CM-2D Zone;

An appeal of the adoption of the addendum to the previously adopted Mitigated Negative Declaration (Case No. ENV-2016-273-MND).

RECOMMENDED ACTIONS:

1. **Find**, based on the independent judgment of the decision-maker, after consideration of the whole of the administrative record, the project was assessed in Mitigated Negative Declaration No. ENV-2016-273-MND, adopted on August 22, 2017; and pursuant to CEQA Guidelines 15162 and 15164, as supported by the Addendum dated December 2019 no major revisions are required to the Mitigated Negative Declaration; and no subsequent EIR or negative declaration is required for approval of the project;

2. **Deny** the appeal and **sustain** the Director of Planning's Determination approving a Transit Oriented Communities Affordable Housing Incentive Program project allowing a 70% increase in density for a Tier 3 project totaling 468 dwelling units with 66 units set aside as affordable housing units for Very Low Income (VLI) Households for a period of 55 years along with the following two (2) Additional Incentives:

   a. **Setback**. To permit the use of any or all the yard requirements for the RAS3 Zone in lieu of the [T][Q]CM-2D, and

   b. **Transitional Height**. To utilize the Transit Oriented Communities transitional height requirements in lieu of those found in LAMC Section 12.21.1-A,10;

3. **Deny** the appeal and **sustain** the Director of Planning's Determination approving a Site Plan Review for the construction, use and maintenance of a new, five-story, mixed-use building with 468 dwelling units, and 16,395 square feet of commercial space in the [T][Q]CM-2D Zone; and

5. **Adopt** the Findings.

VINCENT P. BERTONI, AICP
Director of Planning

Nicholas Hendricks, Senior City Planner

Oliver Netburn, City Planner

Michelle Carter, City Planning Associate
Michelle.Carter@lacity.org

ADVICE TO PUBLIC: *The exact time this report will be considered during the meeting is uncertain since there may be several other items on the agenda. Written communications may be mailed to the City Planning Commission Secretariat, 200 North Spring Street, Room 272, Los Angeles, CA 90012 (Phone No. 213-978-1300). While all written communications are given to the Commission for consideration, the initial packets are sent to the week prior to the Commission's meeting date. If you challenge these agenda items in court, you may be limited to raising only those issues you or someone else raised at the public hearing agendized herein, or in written correspondence on these matters delivered to this agency at or prior to the public hearing. As a covered entity under Title II of the Americans with Disabilities Act, the City of Los Angeles does not discriminate on the basis of disability, and upon request, will provide reasonable accommodation to ensure equal access to this programs, services and activities. Sign language interpreters, assistive listening devices, or other auxiliary aids and/or other services may be provided upon request. To ensure availability of services, please make your request not later than three working days (72 hours) prior to the meeting by calling the Commission Secretariat at (213) 978-1300.

TABLE OF CONTENTS

Project Analysis **A-1**

Appeal Analysis **A-5**

Staff Conclusion and Recommendation **A-14**

Maps:

Map 1 - Zoning Map

Map 2 - Vicinity Map

Map 3 - Radius Map

Exhibits:

Exhibit A: Appeal Application

Exhibit B: Director's Determination DIR-2019-6048-TOC-SPR-WDI

Exhibit C: Project Plans

Exhibit D: Addendum to the Mitigated Negative Declaration (Case No. ENV-2016-273-MND-REC1)

Exhibit E: HCIDLA AB 2556 Determination

Exhibit F: Public Comments

PROJECT ANALYSIS

The proposed project was presented to the City Planning Commission on August 13, 2020. At the meeting, the Commission continued the item until the August 27, 2020 meeting. On August 17, 2020, the Planning Department received correspondence from the applicant's representative requesting further continuance until the October 8, 2020 City Planning Commission meeting.

Additionally, at the August 13, 2020 meeting a Technical Modification was submitted by the Planning Department modifying Condition Nos. 9.d.iii, and 9.f. The modifications to Condition Nos. 9.d.iii and 9.f are consistent with the City's tree planter size and renewable energy policies, respectively. Therefore, staff recommends incorporation of the modifications to Condition Nos. 9.d.iii and 9.f, as follows:

9. Site Plan Review

d. Landscaping and Street Trees.

iii. All planters containing trees in grade shall have a minimum depth of 48 inches (48"). ~~, including t~~Those located on the rooftop area or above a parking garage shall have a minimum depth of 42 inches of soil and shall provide the minimum soil required to support the growth of healthy plants as follows, based on canopy at maturity:

Canopy at Maturity	Soil Volume
15' - 19'	220 cu. ft.
20' - 24'	400 cu. ft.
25' - 29'	620 cu. ft.
30' - 34'	900 cu. ft.

f. Solar Panels. Solar thermal panels shall be installed on the project's rooftop space to be connected to the building's electrical system. A minimum ~~15~~ 4% of the available roof area shall be reserved for the installation of a solar ~~photovoltaic~~ thermal system, to be installed prior to the issuance of a certificate of occupancy, in substantial conformance with the plans stamped "Exhibit A".

There has been no additional correspondence submitted to the case file.

PROJECT BACKGROUND

The subject property is comprised of seven (7) lots measuring approximately 219,296 square-foot (5.03 acres) with a frontage of 685 feet along Avenue 34 and a frontage of 379 feet along Pasadena Avenue. The subject property is zoned [T][Q]CM-2D within the Northeast Los Angeles Community Plan Area with a Commercial Manufacturing land use designation. The project site is located with Transit Oriented Communities (TOC), Tier 3.

The property is currently developed with industrial and commercial uses and associated surface parking lot. The proposed project is the construction, use, and maintenance of a new, five-story, 514,756 square-foot mixed-use building with 468 dwelling units, including 66 dwelling units set aside for Very Low Income Households (or 14% of the proposed density) and 16,395 square feet of commercial space. The project will provide a total of 311 automobile parking spaces, 35 short-term and 264 long-term bicycle parking spaces. The development will be constructed within two phases, and is designed as one (1) building which includes two (2) levels of subterranean parking

across the entire site and with three (3) structures that include residential and commercial uses. The structures will be four (4) and five (5) stories tall with a total of 222 studio, 152 one-bedroom, and 94 two-bedroom dwelling units, and a total of 49,152 square feet of open space for residents.

SURROUNDING PROPERTIES

Surrounding uses are within commercial manufacturing, urban center and public facilities zones and are generally developed residential single-family, and commercial manufacturing structures. The property to the north abutting the site is zoned UC(CA) and is currently vacant. The properties to east, across Pasadena Avenue, are zoned [Q]RD2-1D, [Q]RD1.5-1D, [Q]PF-1D and [T][Q]CM-2D and are developed with commercial, educational, and multi-family residential uses. The properties to the south, across Avenue 34, are zoned UC(CA) and are improved with commercial uses and a single-family and multi-family residential structures. The property to the west is zoned PF-1 and is developed with the Metro Gold Line light rail.

STREETS AND CIRCULATION

Pasadena Avenue, abutting the property to the east, is designated as a Modified Avenue II dedicated to a varying width of 76 to 81 feet, improved with asphalt roadway, curb, gutter, and concrete sidewalks.

Avenue 34, abutting the property to the south, is a Modified Local Street-Standard dedicated to a width of 50 feet, improved with asphalt roadway, curb, gutter, and concrete sidewalks.

TRANSIT ORIENTED COMMUNITIES

Pursuant to the voter-approved Measure JJJ, Los Angeles Municipal Code (LAMC) 12.22-A,31 was added to create the Transit Oriented Communities (TOC) Affordable Housing Incentive Program (TOC Program). The Measure requires the Department of City Planning to create TOC Affordable Housing Incentive Program Guidelines (TOC Guidelines) for all Housing Developments located within a one-half mile (or 2,640-foot) radius of a Major Transit Stop. These Guidelines provide the eligibility standards, incentives, and other necessary components of the TOC Program consistent with LAMC 12.22-A,31.

A qualifying TOC Project shall be granted Base Incentives with regard to increased residential density, increased floor area ratio, and reduced automobile parking requirements. In addition to these Base Incentives, an eligible project may be granted Additional Incentives with regard to yards and setbacks, open space, lot coverage, lot width, averaging, density calculation, height, and developments in public facilities zones. Up to three (3) Additional Incentives may be granted in exchange for providing the requisite set aside of affordable housing as enumerated in the TOC Guidelines.

The proposed project is located less than a ½ mile from the Heritage Square Metro Gold Line Rail Station and is therefore defined as a Major Transit Stop. Furthermore, as the project will set aside 14% of the total number of units for Very Low Income Households and meets all other eligibility requirements of the TOC Affordable Housing Incentive Program, the project is entitled to the Base Incentives.

In addition, as the project is 1,350 feet from the Heritage Square Metro Gold Line Rail Station the project is located within Tier 3 of the TOC Guidelines. Therefore, as the project will set aside 10% of the base number of units for Very Low Income Households, the project is entitled to two (2) Additional Incentives. The applicant is requesting two (2) Additional Incentives.

Given the above, the proposed project includes the following Base and Additional Incentives for a qualifying Tier 3 Project:

Tier 3 Base Incentives:

a. **Density:** The subject property is zoned [T][Q]CM-2D and limited to a maximum density of one (1) dwelling unit per 800 square feet of lot area. With a lot area totaling 219,296 square feet, the project is permitted to construct up to 275 dwelling units (rounding up from 274.12). As an eligible Housing Development, the project is entitled for a 70 percent density increase for a maximum of 468 total units; 468 units are proposed.

b. **Floor Area Ratio (FAR)**: The subject property is zoned [T][Q]CM-2D and limited to an FAR of 3 to 1. As an eligible Housing Development, the project is entitled to a 50 percent FAR increase, or 4.5 to 1. As proposed, the project has a maximum FAR of 3 to 1.

c. **Parking**: Pursuant to LAMC Section 12.21-A,4, the proposed 468-unit project would be required to provide a total of 638 residential and 33 commercial automobile parking spaces. As an Eligible Housing Development, the project is entitled to provide ½ parking space per unit (or 234 parking spaces) and 24 commercial automobile parking spaces. As proposed, the project is providing a total of 311 parking spaces.

Tier 3 Additional Incentives:

a. **Setbacks.** Eligible Housing Developments located in any commercial zone may utilize any or all of the yard requirements for the RAS3 zone per LAMC 12.10.5. In this case, the project would be required to provide side and rear yard conforming to the requirements of the R4 Zone for portions of building erected and used for residential purposes, which includes seven-foot side yards, and a 15-foot rear yard. The project as proposed, will provide yard requirements conforming to the RAS3 zone.

b. **Transitional Height**. Eligible Housing Developments in Tier 3 may utilize transitional height requirements in lieu of those found in LAMC 12.21.1-A,10, or any applicable transitional height limits in a Specific Plan, including any requirements for reduced building heights when a building is adjoining a more restrictive zone. Eligible Housing Developments in Tier 3 may have the building height limit stepped-back at a 45 degree angle as measured from a horizontal plane originating 25 feet above grade at the property line of the adjoining lot in the RW1 Zone or more restrictive residential zone. However, because the subject property does not adjoin a lot in the RW1 or more restrictive residential zone, transitional height requirements described above do not apply. As proposed, the project height of 73 feet is in conformance with this Additional Incentive.

Public Correspondence

Approximately 16 email correspondences were received in opposition of the proposed project. The primary concerns included the size of the building, traffic, pedestrian safety, and parking in the vicinity, as well as concerns regarding a neighboring lot that has been vacant for years due to alleged dangerous ground contamination and a request for public hearing.

Issues

Metro concerns: correspondence was received regarding coordination with LA Metro. Staff met and corresponded with representatives from LA Metro several times between April 2-23, 2020

regarding the project and received comments and off-site recommendations which included; 1) clearer/additional signage for westbound traffic on Avenue 33 to ensure cars stop at the “Wait Here” line when a train is oncoming and 2) a flashing signal on southbound Artesian Street and Avenue 33 that indicates “No Right Turn” and/or “Train Approaching” that would be triggered when trains pass through the crossing. To help ensure that cars from the project do not turn right into the oncoming trains from Artesian Street.

The recommendations were not included in the Director’s Determination as Conditions of Approval as these are off-site improvements. However, the recommendations were provided to the applicant who agreed to working with the Council Office and Metro to implement feasible safety features on Avenue 33 and Artesian Street.

APPEAL ANALYSIS

On June 12, 2020, the Director of Planning issued a Determination that conditionally approved a Transit Oriented Communities Affordable Housing Incentive Program project for the proposed project. On June 23, 2020, an appeal was filed by Patricia Camacho for the entire decision of the Director of Planning.

The following statements have been compiled from the submitted appeal. The appeal in its entirety have been attached herein for reference (Exhibit A).

1. **The Director is incorrect in claiming that the main egress will be on Avenue 34 and Pasadena Avenue. Instead, the appellant argues that Artesian Street will be the main path of egress which is not designed to handle the increase in vehicle trips**

   Page 14 claims the main egress will be on Ave 34 and Pasadena. That is factually incorrect. The building's plans show that the parking lot exits onto Artesian St. Traffic patterns show that the majority of car trips will exit from Ave 34 to Artesian, then to the Ave 33 Gold Line crossing, then to Lacy Street. In addition to being a shorter and more obvious route, driving down Artesian and crossing the train tracks onto Lacy Street is the way that traffic apps such as Google Maps and Waze recommend for trips to most destinations originating anywhere on this block of W Avenue 34. Any other suggestion is factually wrong. Artesian is a one-way 14-foot wide alley with no sidewalk and no lighting while also providing some parking. Pedestrians walk in the traffic lane, as for instance, the residents of the proposed building would do when walking from the building to the nearby Lincoln/Cypress Metro station. This is not a place for 800 car trips a day.

   Staff Response:

   The subject property fronts Pasadena Avenue to the east and Avenue 34 to the south. In an effort to reduce the number of curb cuts and to avoid automobile and pedestrian conflicts, all automobile ingress and egress to the proposed project would be from Avenue 34 through one (1), two-way driveway. Artesian Street, which is southwest of the subject property that terminates at Avenue 34, is a one-way street in the direct away from the subject property. While Artesian Street is near the subject property it does not abut the site and direct egress is not through Artesian Street.

   Nevertheless, the traffic study reviewed and approved by the Los Angeles Department of Transportation (LADOT) found that the proposed project would result in approximately 188 a.m. peak hour outbound trips. Those trips would either exit the site to the west toward Artesian Street, or to the east toward Pasadena Avenue. During the p.m. peak hour, approximately 166 outbound trips would occur which would also either exit the site to the west toward Artesian Street, or to the east toward Pasadena Avenue. LADOT did not require the intersections of Artesian Street and Avenue 34 or Avenue 33 to be analyzed.

   Therefore, given the current capacity of the surrounding roadway network, LADOT has determined that Artesian Street would not be significantly impacted (as it did not require any impact analysis) and the project would only result in significant impact at the intersections at Figueroa Street and Avenue 26 and Pasadena Avenue/Avenue 26 and Daly Street.

   In addition, no substantial evidence has been submitted to the record to demonstrate that the conclusions of the MND and the addendum to the MND are incorrect.

2. <u>The description of surrounding properties is incorrect.</u>

Appeal Comment:

Page 15 states the surrounding properties to the South, across Avenue 34, are commercial use with “a single-family residential structure.” This is incorrect as there are many single-family residential structures, and the majority of properties on this block of W Avenue 34 are for residential, not commercial use. Page 26 also states, in error, that this project is “not located within an existing residential neighborhood.” These are blatant falsehoods and mischaracterizations of our residential neighborhood, used to justify new housing under false pretenses.

Staff Response

The surrounding uses are within commercial manufacturing, urban center and public facilities zones and are generally developed residential and commercial manufacturing structures. The property to the north abutting the site is zoned UC(CA) and is currently vacant. The properties to east, across Pasadena Avenue, are zoned [Q]RD2-1D, [Q]RD1.5-1D, [Q]PF-1D and [T][Q]CM-2D and are developed with commercial, educational, and multi-family residential uses. The properties to the south, across Avenue 34, are zoned UC(CA) and are improved with commercial uses and single-family and multi-family residential uses. The property to the west is zoned PF-1 and is developed with the Metro Gold Line light rail.

Therefore, while there are residential uses within the immediately neighborhood, the Letter of Determination characterizes the neighborhood as a mixed neighborhood

3. <u>The application requires Pro-Forma documentation and third-party peer review.</u>

Appeal Comment

Page 20 starts with the claim that the application is in accordance with LAMC Section 12.22-A,25(g). However 12.22-A,25(g)3 requires that a Pro-Forma or other documentation is required to show that the waiver or modification is needed in order to make the Restricted Affordable Units economically feasible. A third-party peer review of the pro-forma is also required. It appears the affordable units will be available for a limited time, less than one generation, and will result in the eviction of these community members once the limited time has expired. This provision on page 20 needs to be addressed prior to any approval. It is not in compliance with that directive.

Staff Response

Projects which are subject to the TOC Guidelines follow the procedures of LAMC Section 12.22-A,25(g)(2) which subsequently follows the procedures of the State Density Bonus Law. On September 28, 2016, Governor Brown signed AB 2501, AB 2556, AB 2442, and AB 1934 which amended State Density Bonus Law that went into effect January 1, 2017. According to a staff memo dated January 18, 2017 regarding implementation of State Density Bonus Law, AB 2501 clarified and amended a number of density bonus procedures; one (1) of which is that the requirement for provision of special studies such as financial pro-formas is no longer required in order for an application to be deemed complete. Thus, the applicant is not required to submit financial pro-formas in order for the application to move forward or in order for the Director to act.

4. <u>The addendum to the MND has adequately analyzed project impacts to the nearby schools.</u>

Appeal Comment:

Page 21 and 22 state that the project will not have an adverse impact on public health or safety. This is not factual. Adding 800 trips daily at a number of crossings that disregard three local schools is not in compliance with that statement. These schoolchildren will be adversely affected as the project shows a clear preference to exiting toward Artesian and the Ave 33 Gold Line crossing. It is at this location that "Routes to School" from LA DOT clearly shows the preferred route.

Staff Response

The traffic study was reviewed and approved by the Los Angeles Department of Transportation. Mitigation Measures have been incorporated in the Director's Determination as Conditions of Approval and the applicant is required to maintain ongoing contact with the administrators of Hillside Elementary School, Loreta Street Elementary School, and Los Angeles Leadership Academy Charter School and notify the administrative offices when demolition, grading and construction activity are scheduled to begin on the project site so that students and their parents will know when such activities are to occur. Additionally, the developer is required to obtain school walk and bus routes to the schools from either the administrators or from the Los Angeles Unified School District (LAUSD) Transportation Branch and guarantee that safe and convenient pedestrian and bus routes to the school are maintained. Furthermore, the conditions require installation of appropriate traffic signs around the site to ensure pedestrian and vehicle safety and no staging or parking of construction vehicles, including vehicles to transport workers on Pasadena Avenue, adjacent to the school. To mitigate noise impacts on the schools, no construction vehicles or haul trucks are to be staged or idled on Pasadena Avenue, adjacent to the school, during school hours.

In addition, no substantial evidence has been submitted to the record to demonstrate that the conclusions of the MND and the addendum to the MND are incorrect.

5. <u>The addendum to the MND has adequately analyzed project impacts existing hazards and the loss of existing trees.</u>

Appeal Comment

The adjoining lot is contaminated with ground and water pollution of petroleum and VOC's. There are oil pipelines under this property that may be conduits for the spread of pollutants. The environmental review being used for this project (ENV-2016-273) was conducted in 2016 for a different proposal by a different developer that made different use of the property. The ENV approves a host of actions that differ substantially from the current proponent's proposal. For instance, the ENV calls for preserving some existing structures on the property, rather than a complete tear-down of all structures. The ENV calls for 372 residential units and 467 parking spaces, however the Letter of Determination approves 468 residential units and 286 parking spaces for residents. The ENV approves 1 story only of underground excavated parking, although the Letter of Determination approves 2 stories of excavation. The ENV requires the planting of 241 trees, however the Letter of Determination ignores that requirement and approves the reduced planting of 219 trees. This Letter of Determination makes no attempt to reconcile these blatant inconsistencies. Additionally, the ENV cites

"Potentially Significant Impact" of this project on Public Services, Transportation/Circulation, Biological Resources, and the release of Noise and Hazardous Materials. The lack of an environmental review that specifically examines the project under consideration must be corrected, and a new environmental review must be conducted that considers the new proposal. The known pollution on this site combined with an outdated and non-applicable environmental review make the city's approval of this project and the denial of a public hearing highly suspect. We find the Letter of Determination to be in contradiction to the Environmental Review, and appeal its determinations.

Staff Response

All mitigation measures in Mitigated Negative Declaration, Case No. ENV-2016-273-MND adopted on August 22, 2017, have been incorporated in the Director's Determination as Conditions of Approval. No major revisions are required to the Mitigated Declaration and no subsequent EIR or negative declaration is required for approval of the project. Additionally, the adopted MND is the environmental document associated with the project along with the revisions incorporated in the addendum dated December 2019**.** The project is required to comply with all regulatory compliance measures related to pollutant discharge, dewatering, stormwater conditions; and Best Management Practices for stormwater runoff.

Staff is unclear where the appellant finds that the MND requires planting 241 trees. The MND does require the replacement of non-protected but "significant" trees (8-inch or greater trunk diameter, or cumulative trunk diameter if multi-trunked, as measured 54 inches above the ground) at a ratio of 1:1. The requirement to plant a minimum of 219 trees is a LAMC requirement based on the number of dwelling units. If the replacement requirement of the existing, "significant" trees is greater than 219 trees, then the applicant would be required to plant the greater number.

In addition, no substantial evidence has been submitted to the record to demonstrate that the conclusions of the MND and the addendum to the MND are incorrect.

6. <u>Artesian Street is not a dead-end</u>

Appeal Comment

Page 22 contains the statement that Ave 34 is a dead-end street. Incorrect. In fact this "dead-end" turns onto Artesian Street, and becomes the main egress for 800 (at least) cars daily. It is a severe transportation oversight that was condemned locally with many emails to City Planning, CD1, LA DOT and State elected officials. We refute entirely the Director Finding that claims there is evidence that no improvement is necessary. That statement is false and we Appeal the Finding.

Staff Response

The Letter of Determination does not say that Artesian Street is a dead-end street, but that it is "effectively a dead-end street." This statement is made in response the finding needed to approve the Waiver of Dedication and Improvement. Specifically, while traffic heading west on Avenue 34 may turn left and continue onto Artesian Street, because Artesian is a one-way street in the direction away from Avenue 34, no traffic from Artesian Street can directly access Avenue 34. Therefore, the Director characterized Avenue 34 as "effectively a dead-end" because only westbound traffic on Avenue 34 can continue through to Artesian Street and neither Artesian Street or any other street contributes to traffic on Avenue 34 which

terminates at Artesian Street and thus determined that the Waiver of Dedication and Improvement was warranted Avenue 34 will not be utilized to the full extent of a typical Local Street within the next 20 years

7. Northeast Los Angeles Community Plan Consistency (Residential)

Appeal Comment

Page 23 specifically states that Policy Objective 1-2 is to "allocate land for new housing to accommodate a growth of population that is consistent with and promotes the health, safety, welfare, convenience, and pleasant environment of those who live and work in the community based on adequate infrastructure and government services, especially schools." This Determination violates that Objective. Infrastructure in this immediate area is severely lacking for a project of this scale. As to “health, safety, and welfare,” the absence and deficiency of sidewalks, street lights, stop lights, crosswalks, and street parking for the areas affected by this development directly contradict the Policy Objectives.

Staff Response

The Framework Element Objective 1-2 is followed by two (2) policies which are intended to be used to implement the intent of the Objective. Specifically to 1) “[l]ocate higher residential densities near commercial and institutional centers, light rail transit stations, and major bus routes to encourage pedestrian activity and use of public transportation, providing that infrastructure, public service facilities, utilities, and topography will fully accommodate this development” (Policy 1-2.2); and 2) [e]ncourage mixed-use development in selected commercially-zoned areas.

As stated in the Letter of Determination, “the subject property is located less than a ½-mile from the Heritage Square Metro Gold Line Rail Station, thereby reducing vehicular trips to and from the project site and congestion around the site;” and is located “within a primarily commercial and industrial area…”

In addition, as stated by the appellant, there a number of public school within the vicinity.

8. Northeast Los Angeles Community Plan Consistency (Industrial)

Appeal Comment

Page 25 claims that under Objective 3-2 Policy 3-2.2 "Require compatibility through design treatments, compliance with environmental protection standards, and health and safety requirements for industrial uses that adjoin residential neighborhoods and commercial uses." The adjacent stakeholders have addressed this lack of design treatment, environmental and other inconsistencies with compatibility and safety. We have objected to the loss of parking and transportation issues. None of these have been addressed, so therefore this is untrue and refuted. We have, through exhaustive efforts through meetings and letters, seen "design treatments, compliance with environmental protection standards, and health and safety requirements" called for. This portion of the Determination Letter is false.

Staff Response

As discussed, the immediate neighborhood is a mix of residential and commercial manufacturing uses and the subject property is currently improved with industrial and commercial uses and associated surface parking lot. The proposed 468-unit mixed-use

development includes 16,395 square feet of commercial floor area that will provide neighborhood serving uses to support the surrounding and create job opportunities in the community. In addition, the project will provide 49,152 square feet of open space for residents and 65,789 square feet of publicly accessible open space.

9. Mobility Plan 2035 Consistency

Appeal Comment

Page 27 states the Mobility Element of the General Plan (Mobility Plan 2035) is not likely to be affected by the recommended action. This section states the varying widths of surrounding streets and fails to mention that Artesian Street does not meet LA City standard street dimensions, and has no sidewalks. One of the key policy initiates of Mobility Plan 2035 is to consider community input before implementation of any Mobility Plan projects. Community input regarding the safety of using Artesian Street as a main access when exiting the project has not been taken into consideration. The overarching General Plan Framework and all other elements of the General Plan are intended to promote an arrangement of land uses, streets and services which will encourage and contribute to the economic, social and physical health, safety, welfare and convenience of the people who live and work in each of the communities. Oversight of the width, absence of sidewalks, and volume of vehicles which will pass through Artesian Street will be detrimental to the safety, welfare, and convenience of the existing residential community.

Staff Response

As discussed above, the subject property does not immediately abut Artesian Street and therefore to the extent that Artesian Street is not fully improved, the proposed project has no ability to widen or otherwise improve the roadway. In addition, as a result of the Metro Gold Line right-of-way, the right-of-way of Artesian Street has been shifted from the planned street grid and instead runs through property using either an roadway easement or was claimed through eminent domain. As such, any roadway widening or improvement would require the modification of such easement or claim of eminent domain.

10. LA DOT Routes to School

Appeal Comment

Page 28 calls for a pedestrian route that is nonconforming with the LA DOT Routes to School that Loreto, Hillside, LA Leadership Academy, and Nightingale use. This implementation will result in confusion and further exacerbate the safety issues for our children when 800 trips (minimum) occur at the Gold Line crossing where the trains run at eight minute intervals. Combined with the new and existing commercial traffic, city tow yard, the North East Animal Shelter, the Lacy Studios as a film location will result in life-safety issues.

Staff Response

The applicant has agreed to provide additional enhanced pedestrian safety features off-site that are to be reviewed and approved by LADOT. The pedestrian safety features are not intended to serve as an alternative pedestrian route to neighboring schools but to enhance pedestrian activity in the immediate vicinity of the project site. The project will include pedestrian safety features such as pedestrian-activated crosswalk with in-pavement rapid flashing beacons or an equivalent system, striped crosswalk across Avenue 34 adjacent to

the project site, striping on Avenue 34, installation of appropriate wayfinding and safety signage on Avenue 34 adjacent to the project site and on Artesian Street between Avenue 34 and Avenue 33.

11. LADOT Coordination

Appeal Comment

Page 30 makes the same ill-conceived determination and is found to be contradictory with LA DOT rulings. Also we received an email from Wes Pringle from LA DOT that placed blame on the Bureau of Engineering for this failure.

Staff Response

As an Eligible Housing Development in TOC Tier 3, the project is entitled to base incentives including providing ½ parking space per unit and a reduced number of commercial automobile parking spaces. The project will provide a total of 311 automobile parking spaces 287 residential automobile parking spaces located within two (2) subterranean levels. Twenty-four off-street parking spaces will be provided for the commercial space which will be located within the two (2) subterranean parking levels. Vehicular access to the proposed project will be provided via a driveway off of Avenue 34. All private residential parking spaces and the commercial parking spaces would be accessed via this driveway.

In his response to Violeta Martinez, Wes Pringle explained that LADOT's role in development projects is to determine and review the state mandated environmental analysis of a project and not "approving" projects and clarified that the number of trips that the project is expected to produce is not based on the parking spaces and the request for reduction in parking had no influence the outcome of the study. He further stated that LADOT found that each study followed the guidelines and was done correctly. Additionally, he stated that per LADOT and LACP guidelines, driveways for residential buildings are preferred to be located on alleys or Local Streets and mentioned Bureau of Engineering (BOE) to highlight that street standards are enforced by the BOE's Land Development Group.

12. Consistency with the Northeast Los Angeles Community Plan

Appeal Comment

a. Section 3 of the NELA CDO, Section titled "Community Issues and opportunities" calls for compatibility with the transportation needs of the residents.

b. NELA CDO Objective 1-2 states as a Policy that development must encourage using public transportation providing that infrastructure will be fully accommodated.

c. NELA CDO Objective 2-3 is to "minimize conflicts between auto-related and pedestrian-oriented activities".

d. NELA CDO Industrial Goal 3 states that developments "are safe for the environment and the workforce, and have minimal adverse impact on adjacent uses".

e. NELA CDO Goal 9 requires that at light rail crossings circulation must be maintained so that there is "minimal impact" at crossing where auto and truck traffic is "severely impacted".

f. NELA CDO Section Circulation, Section titled Transportation Demand Management (TDM) Strategies calls for Neighborhood protection (e. g. traffic control measures and plan)

g. NELA CDO Goal 10 Objective 10-1 says that development will "comply with Citywide performance standards for acceptable levels of service and ensure that necessary road access and street improvements are provided to accommodate traffic generated by new development.

h. NELA CDO Chapter IV Coordination Opportunities for Public Agencies looks at the community's quality of life. It asks to "maintain and preserve the character and integrity of existing neighborhoods and encourage participation in self-help preventative maintenance to promote neighborhood conservation, beautification and rehabilitation. Many of the residential structures have deferred maintenance issues and recognizing would be a step forward.

i. NELA CDO, under the Framework provision, calls for monitoring. This has not been done even though City Planning is the largest planning bureaucracy in the world. We find that to be inexcusable. We note all the provisions in the Framework that say projects will be approved as long as there is no controversy. We have sent dozens of emails, from many stakeholders and local residents, that while we are supporting the affordable housing this project brings, and that we are not NIMBY, we strenuously object to being cut out of the conversation as our participation is required. We are contesting this project and require to be heard at a public meeting per the coronavirus stipulations.

Staff Response

The appellant improperly referenced a Community Design Overlay, but instead was citing Goals, Objectives and Policies from the Northeast Los Angeles Community Plan. That said, the finding necessary as part of the Site Plan Review request requires the Director of Planning find substantial conformance with the applicable Community Plan. In this case, as discussed above and stated in the Letter of Determination, the Director made various findings to demonstrate conformance with the residential, commercial and industrial land use sections of the Community Plan.

With regard to Goals 9 and 10, the project has been conditioned to worked with LADOT in an effort to implement a number of pedestrian safety measures, including, but not limited to: 1) installation of a pedestrian-activated crosswalk with in-pavement rapid flashing beacons across Pasadena Avenue adjacent to site; 2) installation of appropriate additional wayfinding and safety signage on Avenue 34 adjacent to the project site and on Artesian Street between Avenue 34, and 3) improve sidewalks adjacent to the Project Site on Avenue 34 consistent with the City’s Vision Zero Policy.

Lastly, the MND requires the implementation of a detailed Transportation Demand Management (TDM) Program. The purpose of a TDM plan is to reduce the use of single occupant vehicles (SOV) by increasing the number of trips by walking, bicycle, carpool, vanpool and transit. A TDM plan should include design features, transportation services, education, and incentives intended to reduce the amount of SOV during commute hours. Through strategic building design and orientation, this project can facilitate access to transit, can provide a pedestrian-friendly environment, can promote non-automobile travel and can support the goals of a trip-reduction program.

13. Lack of a Public Hearing

Appeal Comment

We appeal the approval of the Letter of Determination without having held a public hearing prior to its passage. The Zoning Administrator's Adjustment for this property (ZA-2016-272-ZAA-SPR-CLQ) stipulates that a public hearing may only be avoided as long as the project does not "have a significant effect on adjoining properties or the immediate neighborhood" or is "likely to evoke public controversy". As evidenced by the many letters written by our community to the city, this project has evoked public controversy. As the largest development in the history of our neighborhood, robbing residents and local businesses of their only parking spots, risking the survival of local businesses, adding hundreds of new tenants to our small block, disrupting traffic patterns, endangering pedestrians, creating years of noise and pollution during construction, all across the street from an elementary school, this project will certainly "have a significant effect on adjoining properties or the immediate neighborhood". Some of us have been told that the scheduling of a hearing was a director's determination. If this is the case, that determination was made in outright disregard for the stated concerns of the community. Upon the successful repeal of this Letter of Determination, we call for the immediate scheduling of a public hearing, and for all usual processes of approval (Neighborhood Council, City Council, etc.) to be implemented before any further progress may be made on this project.

Staff Response

As an Eligible Housing Development in TOC Tier 3 a public hearing is not required. However, procedures for Site Plan Review states that the Director may set the matter for public hearing if the Director finds that the matter may have a significant effect on neighboring properties. The Mitigated Negative Declaration and the associated addendum did not identify any significant negative impacts to neighboring properties. Therefore, a public hearing was not held.

STAFF CONCLUSION AND RECOMMENDATION

For the reasons stated herein, and in the findings of the Director's Determination, the proposed project does comply with the applicable provisions of the Transit Oriented Communities Affordable Housing Incentive Program and the California Environmental Quality Act (CEQA). Planning staff evaluated the proposed project and determined it meets the Transit Oriented Communities Program requirements and that the project was assessed in Mitigated Negative Declaration No. ENV-2016-273-MND, adopted on August 22, 2017; and pursuant to CEQA Guidelines 15162 and 15164, as supported by the Addendum dated December 2019 no major revisions are required to the Mitigated Negative Declaration; and no subsequent EIR or negative declaration is required for approval of the project. Based on the complete plans submitted by the applicant and considering the appellant's arguments for appeal, staff finds that the project meets the required findings.

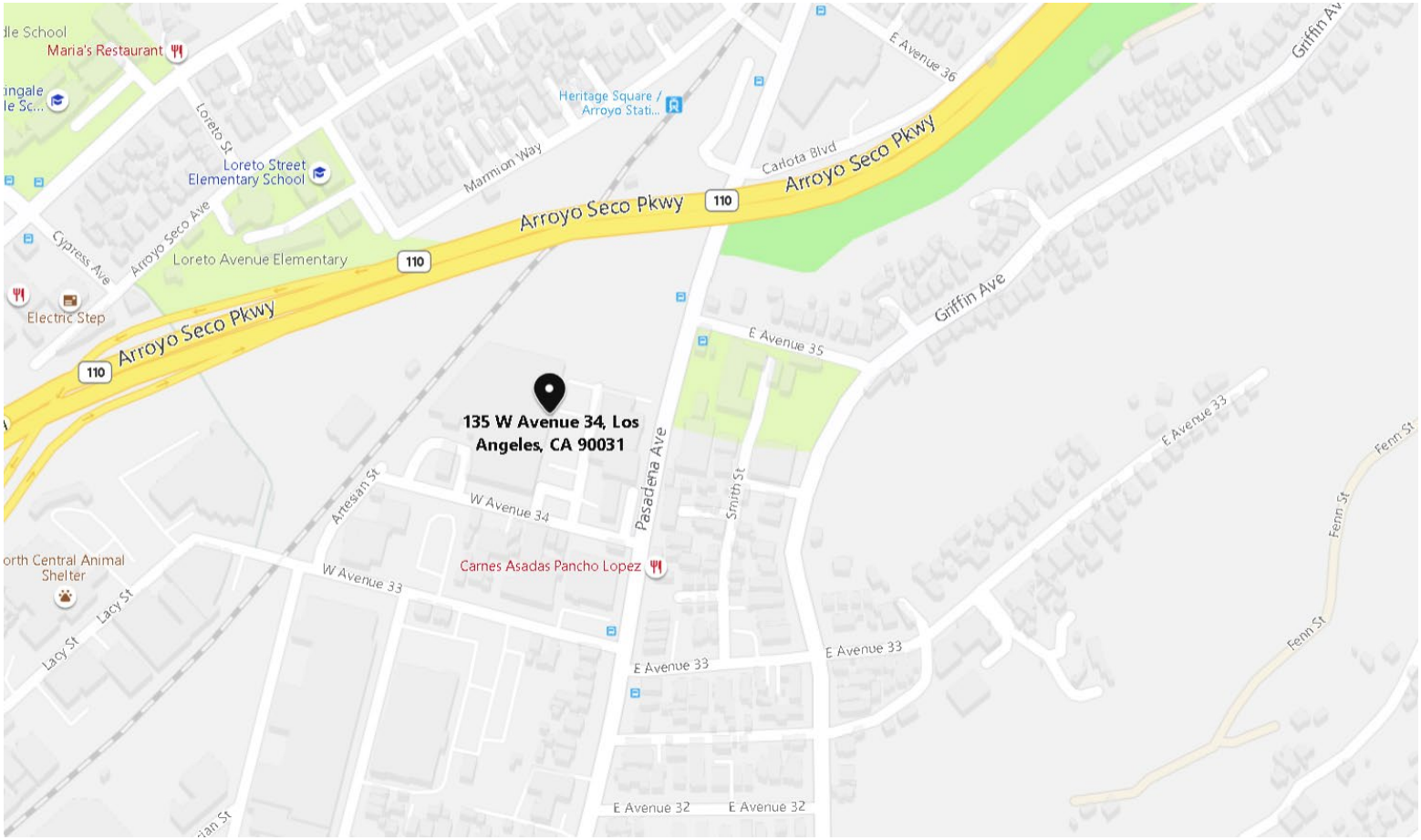
Therefore, it is recommended that the City Planning Commission deny the appeal, sustain the Determination by the Director of Planning, and include the modifications to Condition No. 9.d.iii and 9.f.

MAPS

Zoning Map

FIGUEROA ST
CYPRESS AVE
ARROYO SECO AVE
LORETO ST
MARMION WAY
CARLOTA BLVD
AVENUE 35
AVENUE 34
AVENUE 33
ARTESIAN ST
RIVER ST
PASADENA AVE
SMITH ST
PF-1-CDO
RM2-1-CDO
[T][Q]CM-1VL
PF-1
OS-1XL
UC(CA)
UI(CA)
[T][Q]CM-2D
[Q]PF-1D
[Q]R1-1D
[Q]RE20-1D
[Q]RD2-1D
[Q]RD2-2D

Vicinity Map



Radius Map

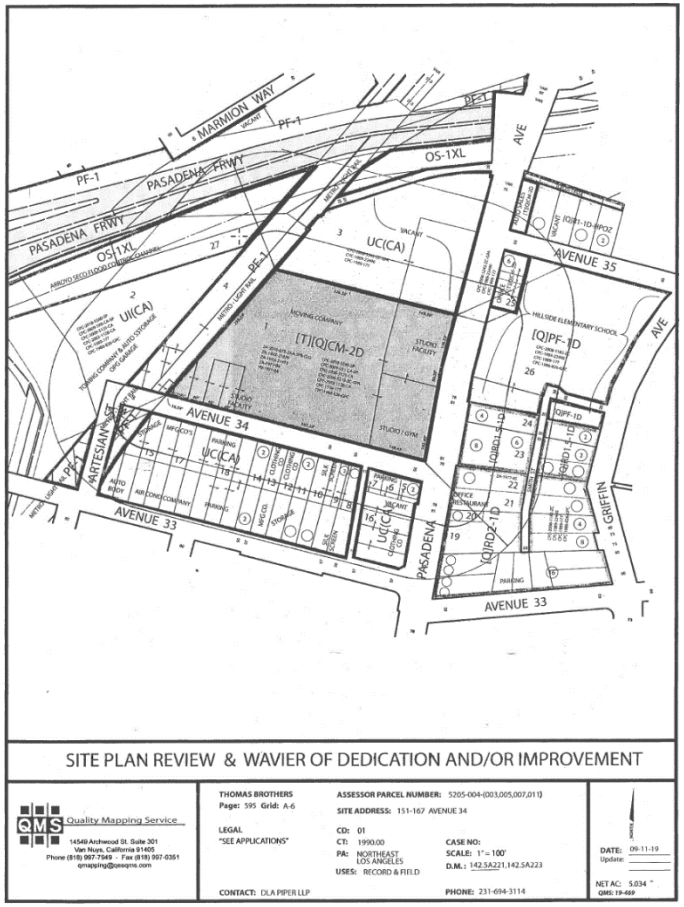

MARMION WAY
PF-1
PASADENA FRWY
OS-1XL
AVE
AVENUE 35
UC(CA)
[T][Q]CM-2D
[Q]PF-1D
AVENUE 34
AVENUE 33
PASADENA
GRIFFIN
SITE PLAN REVIEW & WAVIER OF DEDICATION AND/OR IMPROVEMENT
Quality Mapping Service
14549 Archwood St. Suite 301
Van Nuys, California 91405
Phone (818) 997-7949 Fax (818) 997-0351
qmapping@qmsqms.com
THOMAS BROTHERS
Page: 595 Grid: A-6
LEGAL
"SEE APPLICATIONS"
ASSESSOR PARCEL NUMBER: 5205-004-(003,005,007,011)
SITE ADDRESS: 151-167 AVENUE 34
CD: 01
CT: 1990.00
PA: NORTHEAST LOS ANGELES
USES: RECORD & FIELD
CASE NO:
SCALE: 1" = 100'
D.M.: 142.5A221,142.5A223
CONTACT: DLA PIPER LLP
PHONE: 231-694-3114
DATE: 09-11-19
Update:
NET AC: 5.034 +
QMS: 19-489

Exhibit A

Appeal Application

APPLICATIONS:

APPEAL APPLICATION

Instructions and Checklist

Related Code Section: Refer to the City Planning case determination to identify the Zone Code section for the entitlement and the appeal procedure.

Purpose: This application is for the appeal of Department of City Planning determinations authorized by the Los Angeles Municipal Code (LAMC).

A. APPELLATE BODY/CASE INFORMATION

1. APPELLATE BODY

☐ Area Planning Commission ☑ City Planning Commission ☐ City Council ☐ Director of Planning
☐ Zoning Administrator

Regarding Case Number: DIR-2019-6048-TOC-SPR-WDI

Project Address: 135-153 W Avenue 34 Los Angeles, CA 90031

Final Date to Appeal: 06/26/2020

2. APPELLANT

Appellant Identity: (check all that apply)
☐ Representative ☐ Property Owner
☐ Applicant ☐ Operator of the Use/Site

☑ Person, other than the Applicant, Owner or Operator claiming to be aggrieved
Patricia Camacho and Neighbors, Abutting Property Owners and Tenants

☐ Person affected by the determination made by the **Department of Building and Safety**
☐ Representative ☐ Owner ☐ Aggrieved Party
☐ Applicant ☐ Operator

3. APPELLANT INFORMATION

Appellant's Name: Patricia Camacho

Company/Organization:

Mailing Address: 118 W Avenue 34

City: Los Angeles State: CA Zip: 90031

Telephone: 323-632-7550 E-mail: machocamacho73@yahoo.com

a. Is the appeal being filed on your behalf or on behalf of another party, organization or company?

☑ Self ☐ Other:

b. Is the appeal being filed to support the original applicant's position? ☐ Yes ☑ No

4. REPRESENTATIVE/AGENT INFORMATION

Representative/Agent name (if applicable): _____

Company: _____

Mailing Address: _____

City: _____ State: _____. Zip: _____

Telephone: _____ E-mail: _____

5. JUSTIFICATION/REASON FOR APPEAL

a. Is the entire decision, or only parts of it being appealed? ☑ Entire ☑ Part

b. Are specific conditions of approval being appealed? ☐ Yes ☑ No

If Yes, list the condition number(s) here: _____

Attach a separate sheet providing your reasons for the appeal. Your reason must state:

- ☑ The reason for the appeal
- ☑ How you are aggrieved by the decision
- ☑ Specifically the points at issue
- ☑ Why you believe the decision-maker erred or abused their discretion

6. APPLICANT'S AFFIDAVIT

I certify that the statements contained in this application are complete and true:

Appellant Signature: Patricia Camacho Date: Jun 22, 2020

Patricia Camacho (Jun 22, 2020 20:33 PDT)

GENERAL APPEAL FILING REQUIREMENTS

B. ***ALL CASES REQUIRE THE FOLLOWING ITEMS - SEE THE ADDITIONAL INSTRUCTIONS FOR SPECIFIC CASE TYPES***

1. Appeal Documents

a. Three (3) sets - The following documents are required for each appeal filed (1 original and 2 duplicates) Each case being appealed is required to provide three (3) sets of the listed documents.

- ☑ Appeal Application (form CP-7769)
- ☑ Justification/Reason for Appeal
- ☑ Copies of Original Determination Letter

b. Electronic Copy

☑ Provide an electronic copy of your appeal documents on a flash drive (planning staff will upload materials during filing and return the flash drive to you) or a CD (which will remain in the file). The following items must be saved as individual PDFs and labeled accordingly (e.g. "Appeal Form.pdf", "Justification/Reason Statement.pdf", or "Original Determination Letter.pdf" etc.). **No file should exceed 9.8 MB in size.**

c. Appeal Fee

- ☑ Original Applicant - A fee equal to 85% of the original application fee, provide a copy of the original application receipt(s) to calculate the fee per LAMC Section 19.01B 1.
- ☑ Aggrieved Party - The fee charged shall be in accordance with the LAMC Section 19.01B 1.

d. Notice Requirement

- ☐ Mailing List - All appeals require noticing per the applicable LAMC section(s). Original Applicants must provide noticing per the LAMC
- ☐ Mailing Fee - The appeal notice mailing fee is paid by the project applicant, payment is made to the City Planning's mailing contractor (BTC), a copy of the receipt must be submitted as proof of payment.

SPECIFIC CASE TYPES - APPEAL FILING INFORMATION

C. DENSITY BONUS / TRANSIT ORIENTED COMMUNITES (TOC)

1. Density Bonus/TOC
Appeal procedures for Density Bonus/TOC per LAMC Section 12.22.A 25 (g) f.

NOTE:
- Density Bonus/TOC cases, only the *on menu or additional incentives* items can be appealed.
- Appeals of Density Bonus/TOC cases can only be filed by adjacent owners or tenants (must have documentation), and always only appealable to the Citywide Planning Commission.

☑ Provide documentation to confirm adjacent owner or tenant status, i.e., a lease agreement, rent receipt, utility bill, property tax bill, ZIMAS, drivers license, bill statement etc.

D. WAIVER OF DEDICATION AND OR IMPROVEMENT

Appeal procedure for Waiver of Dedication or Improvement per LAMC Section 12.37 I.

NOTE:
- Waivers for By-Right Projects, can only be appealed by the owner.
- When a Waiver is on appeal and is part of a master land use application request or subdivider's statement for a project, the applicant may appeal pursuant to the procedures that governs the entitlement.

E. TENTATIVE TRACT/VESTING

1. Tentative Tract/Vesting - Appeal procedure for Tentative Tract / Vesting application per LAMC Section 17.54 A.

NOTE: Appeals to the City Council from a determination on a Tentative Tract (TT or VTT) by the Area or City Planning Commission must be filed within 10 days of the date of the written determination of said Commission.

☐ Provide a copy of the written determination letter from Commission.

F. BUILDING AND SAFETY DETERMINATION

☐ **1.** Appeal of the *Department of Building and Safety* determination, per LAMC 12.26 K 1, an appellant is considered the **Original Applicant** and must provide noticing and pay mailing fees.

a. Appeal Fee
☐ Original Applicant - The fee charged shall be in accordance with LAMC Section 19.01B 2, as stated in the Building and Safety determination letter, plus all surcharges. (the fee specified in Table 4-A, Section 98.0403.2 of the City of Los Angeles Building Code)

b. Notice Requirement
☐ Mailing Fee - The applicant must pay mailing fees to City Planning's mailing contractor (BTC) and submit a copy of receipt as proof of payment.

☐ **2.** Appeal of the *Director of City Planning* determination per LAMC Section 12.26 K 6, an applicant or any other aggrieved person may file an appeal, and is appealable to the Area Planning Commission or Citywide Planning Commission as noted in the determination.

a. Appeal Fee
☐ Original Applicant - The fee charged shall be in accordance with the LAMC Section 19.01 B 1 a.

b. Notice Requirement
☐ Mailing List - The appeal notification requirements per LAMC Section 12.26 K 7 apply.
☐ Mailing Fees - The appeal notice mailing fee is made to City Planning's mailing contractor (BTC), a copy of receipt must be submitted as proof of payment.

G. NUISANCE ABATEMENT

1. **Nuisance Abatement -** Appeal procedure for Nuisance Abatement per LAMC Section 12.27.1 C 4

NOTE:
- Nuisance Abatement is only appealable to the City Council.

a. Appeal Fee

☐ Aggrieved Party the fee charged shall be in accordance with the LAMC Section 19.01 B 1.

2. **Plan Approval/Compliance Review**
Appeal procedure for Nuisance Abatement Plan Approval/Compliance Review per LAMC Section 12.27.1 C 4.

a. Appeal Fee

☐ Compliance Review - The fee charged shall be in accordance with the LAMC Section 19.01 B.
☐ Modification - The fee shall be in accordance with the LAMC Section 19.01 B.

NOTES

A Certified Neighborhood Council (CNC) or a person identified as a member of a CNC or as representing the CNC may not file an appeal on behalf of the Neighborhood Council; persons affiliated with a CNC may only file as an individual on behalf of self.

***Please note** that the appellate body must act on your appeal within a time period specified in the Section(s) of the Los Angeles Municipal Code (LAMC) pertaining to the type of appeal being filed. The Department of City Planning will make its best efforts to have appeals scheduled prior to the appellate body's last day to act in order to provide due process to the appellant. If the appellate body is unable to come to a consensus or is unable to hear and consider the appeal prior to the last day to act, the appeal is automatically deemed denied, and the original decision will stand. The last day to act as defined in the LAMC may only be extended if formally agreed upon by the applicant.*

This Section for City Planning Staff Use Only		
Base Fee:	Reviewed & Accepted by (DSC Planner):	Date:
Receipt No:	Deemed Complete by (Project Planner):	Date:
☐ Determination authority notified	☐ Original receipt and BTC receipt (if original applicant)	

Appeal Application

Final Audit Report 2020-06-23

Created:	2020-06-23
By:	Planning Intranet (planning.intranet@lacity.org)
Status:	Signed
Transaction ID:	CBJCHBCAABAA7tLyYiGMJOYBQ_OwV1zDQg7UPmrkC4fw

"Appeal Application" History

Web Form created by Planning Intranet (planning.intranet@lacity.org)
2020-04-17 - 11:54:27 PM GMT

Web Form filled in by Patricia Camacho (machocamacho73@yahoo.com)
2020-06-23 - 3:33:51 AM GMT- IP address: 76.174.33.244

Document emailed to Patricia Camacho (machocamacho73@yahoo.com) for signature
2020-06-23 - 3:33:53 AM GMT

Email viewed by Patricia Camacho (machocamacho73@yahoo.com)
2020-06-23 - 3:34:06 AM GMT- IP address: 69.147.90.126

E-signature verified by Patricia Camacho (machocamacho73@yahoo.com)
2020-06-23 - 3:34:20 AM GMT- IP address: 76.174.33.244

Signed document emailed to Planning Intranet (planning.intranet@lacity.org) and Patricia Camacho (machocamacho73@yahoo.com)
2020-06-23 - 3:34:20 AM GMT

After reviewing the Letter of Determination for DIR-2019-6048-TOC-WDI that was signed June 12, 2020, we find that pages 14-33 are inconsistent and false, and therefore we appeal:

Page 14 claims the main egress will be on Ave34 and Pasadena. That is factually incorrect. The building's plans show that the parking lot exits onto Artesian St. Traffic patterns show that the majority of car trips will exit from Ave 34 to Artesian, then to the Ave 33 Gold Line crossing, then to Lacy Street. In addition to being a shorter and more obvious route, driving down Artesian and crossing the train tracks onto Lacy Street is the way that traffic apps such as Google Maps and Waze recommend for trips to most destinations originating anywhere on this block of W Avenue 34. Any other suggestion is factually wrong. Artesian is a one-way 14-foot wide alley with no sidewalk and no lighting while also providing some parking. Pedestrians walk in the traffic lane, as for instance, the residents of the proposed building would do when walking from the building to the nearby Lincoln/Cypress Metro station. This is not a place for 800 car trips a day.

Page 15 states the surrounding properties to the South, across Avenue 34, are commercial use with "a single-family residential structure." This is incorrect as there are many single-family residential structures, and the majority of properties on this block of W Avenue 34 are for residential, not commercial use. Page 26 also states, in error, that this project is "not located within an existing residential neighborhood." These are blatant falsehoods and mischaracterizations of our residential neighborhood, used to justify new housing under false pretenses.

Page 20 starts with the claim that the application is in accordance with LAMC Section 12.22-A,25(g). However 12.22-A,25(g)3 requires that a Pro-Forma or other documentation is required to show that the waiver or modification is needed in order to make the Restricted Affordable Units economically feasible. A third-party peer review of the pro-forma is also required. It appears the affordable units will be available for a limited time, less than one generation, and will result in the eviction of these community members once the limited time has expired. This provision on page 20 needs to be addressed prior to any approval. It is not in compliance with that directive.

Page 21 and 22 state that the project will not have an adverse impact on public health or safety. This is not factual. Adding 800 trips daily at a number of crossings that disregard three local schools is not in compliance with that statement. These schoolchildren will be adversely affected as the project shows a clear preference to exiting toward Artesian and the Ave 33 Gold Line crossing. It is at this location that "Routes to School" from LA DOT clearly shows the preferred route.

Additionally, the adjoining lot is contaminated with ground and water pollution of petroleum and VOC's. There are oil pipelines under this property that may be conduits for the spread of pollutants. The environmental review being used for this project (ENV-2016-273) was conducted in 2016 for a different proposal by a different developer that made different use of the property. The ENV approves a host of actions that differ substantially from the current proponent's

proposal. For instance, the ENV calls for preserving some existing structures on the property, rather than a complete tear-down of all structures. The ENV calls for 372 residential units and 467 parking spaces, however the Letter of Determination approves 468 residential units and 286 parking spaces for residents. The ENV approves 1 story only of underground excavated parking, although the Letter of Determination approves 2 stories of excavation. The ENV requires the planting of 241 trees, however the Letter of Determination ignores that requirement and approves the reduced planting of 219 trees. This Letter of Determination makes no attempt to reconcile these blatant inconsistencies. Additionally, the ENV cites “Potentially Significant Impact” of this project on Public Services, Transportation/Circulation, Biological Resources, and the release of Noise and Hazardous Materials. The lack of an environmental review that specifically examines the project under consideration must be corrected, and a new environmental review must be conducted that considers the new proposal. The known pollution on this site combined with an outdated and non-applicable environmental review make the city’s approval of this project and the denial of a public hearing highly suspect. We find the Letter of Determination to be in contradiction to the Environmental Review, and appeal its determinations.

Page 22 contains the statement that Ave34 is a dead-end street. Incorrect. in fact this "dead-end" turns onto Artesian Street, and becomes the main egress for 800 (at least) cars daily. It is a severe transportation oversight that was condemned locally with many emails to City Planning, CD1, LA DOT and State elected officials. We refute entirely the Director Finding that claims there is evidence that no improvement is necessary. That statement is false and we Appeal the Finding.

Page 23 specifically states that Policy Objective 1-2 is to "allocate land for new housing to accommodate a growth of population that is consistent with and promotes the health, safety, welfare, convenience, and pleasant environment of those who live and work in the community based on adequate infrastructure and government services, especially schools." This Determination violates that Objective. Infrastructure in this immediate area is severely lacking for a project of this scale. As to “health, safety, and welfare,” the absence and deficiency of sidewalks, street lights, stop lights, crosswalks, and street parking for the areas affected by this development directly contradict the Policy Objectives.

Page 25 claims that under Objective 3-2 Policy 3-2.2 "Require compatibility through design treatments, compliance with environmental protection standards, and health and safety requirements for industrial uses that adjoin residential neighborhoods and commercial uses." The adjacent stakeholders have addressed this lack of design treatment, environmental and other inconsistencies with compatibility and safety. We have objected to the loss of parking and transportation issues. None of these have been addressed, so therefore this is untrue and refuted. We have, through exhaustive efforts through meetings and letters, seen "design treatments, compliance with environmental protection standards, and health and safety requirements" called for. This portion of the Determination Letter is false.

Page 27 states the Mobility Element of the General Plan (Mobility Plan 2035) is not likely to be affected by the recommended action. This section states the varying widths of surrounding streets and fails to mention that Artesian Street does not meet LA City standard street dimensions, and has no sidewalks. One of the key policy initiates of Mobility Plan 2035 is to consider community input before implementation of any Mobility Plan projects. Community input regarding the safety of using Artesian Street as a main access when exiting the project has not been taken into consideration. The overarching General Plan Framework and all other elements of the General Plan are intended to promote an arrangement of land uses, streets and services which will encourage and contribute to the economic, social and physical health, safety, welfare and convenience of the people who live and work in each of the communities. Oversight of the width, absence of sidewalks, and volume of vehicles which will pass through Artesian Street will be detrimental to the safety, welfare, and convenience of the existing residential community.

Page 28 calls for a pedestrian route that is nonconforming with the LA DOT Routes to School that Loreto, Hillside, LA Leadership Academy, and Nightingale use. This implementation will result in confusion and further exacerbate the safety issues for our children when 800 trips (minimum) occur at the Gold Line crossing where the trains run at eight minute intervals. Combined with the new and existing commercial traffic, city tow yard, the North East Animal Shelter, the Lacy Studios as a film location will result in life-safety issues.

Page 30 makes the same ill-conceived determination and is found to be contradictory with LA DOT rulings. Also we received an email from Wes Pringle from LA DOT that placed blame on the Bureau of Engineering for this failure.

We refute pages 14-34 of the Determination and Appeal it's findings.

Furthermore,

Section 3 of the NELA CDO, Section titled "Community Issues and opportunities" calls for compatibility with the transportation needs of the residents.

NELA CDO Objective 1-2 states as a Policy that development must encourage using public transportation providing that infrastructure will be fully accommodated.

NELA CDO Objective 2-3 is to “minimize conflicts between auto-related and pedestrian-oriented activities".

NELA CDO Industrial Goal 3 states that developments "are safe for the environment and the workforce, and have minimal adverse impact on adjacent uses".

NELA CDO Gole 9 requires that at light rail crossings circulation must be maintained so that there is "minimal impact" at crossing where auto and truck traffic is "severely impacted".

NELA CDO Section Circulation, Section titled Transportation Demand Management (TDM) Strategies calls for Neighborhood protection (e. g. traffic control measures and plan)

NELA CDO Goal 0 Objective 10-1 says that development will "comply with Citywide performance standards for acceptable levels of service and ensure that necessary road access and street improvements are provided to accommodate traffic generated by new development.

NELA CDO CHapter IV Coordination Opportunities for Public Agencies looks at the community's quality of life. It asks to "maintain and preserve the character and integrity of existing neighborhoods and encourage participation in self-help preventative maintenance to promote neighborhood conservation, beautification and rehabilitation. Many of the residential structures have deferred maintenance issues and recognizing would be a step forward.

NELA CDO, under the Framework provision, calls for monitoring. This has not been done even though City Planning is the largest planning bureaucracy in the world. We find that to be inexcusable. We note all the provisions in the Framework that say projects will be approved as long as there is no controversy. We have sent dozens of emails, from many stakeholders and local residents, that while we are supporting the affordable housing this project brings, and that we are not NIMBY, we strenuously object to being cut out of the conversation as our participation is required. We are contesting this project and require to be heard at a public meeting per the coronavirus stipulations.

Finally,

We appeal the approval of the Letter of Determination without having held a public hearing prior to its passage. The Zoning Administrator’s Adjustment for this property (ZA-2016-272-ZAA-SPR-CLQ) stipulates that a public hearing may only be avoided as long as the project does not "have a significant effect on adjoining properties or the immediate neighborhood" or is "likely to evoke public controversy". As evidenced by the many letters written by our community to the city, this project has evoked public controversy. As the largest development in the history of our neighborhood, robbing residents and local businesses of their only parking spots, risking the survival of local businesses, adding hundreds of new tenants to our small block, disrupting traffic patterns, endangering pedestrians, creating years of noise and pollution during construction, all across the street from an elementary school, this project will certainly "have a significant effect on adjoining properties or the immediate neighborhood". Some of us have been told that the scheduling of a hearing was a director’s determination. If this is the case, that determination was made in outright disregard for the stated concerns of the community. Upon the successful repeal of this Letter of Determination, we call for the immediate scheduling of a public hearing, and for all usual processes of approval (Neighborhood Council, City Council, etc.) to be implemented before any further progress may be made on this project.

Sincerely,

Aggrieved Residents and Businesses who live or work on the block adjacent to the property and support this Appeal:

- Patricia Camacho, 118 W Avenue 34, Los Angeles, CA 90031
- Joshua Camacho-Snyder, 118 W Avenue 34, Los Angeles, CA 90031
- David Camacho-Snyder, 118 W Avenue 34, Los Angeles, CA 90031
- Violeta Martinez, 116 W Avenue 34, Los Angeles, CA 90031
- Candido Martinez, 116 W Avenue 34, Los Angeles, CA 90031
- Brandy Martinez, 116 W Avenue 34, Los Angeles, CA 90031
- Alustretch LA, 120 W Avenue 23, Los Angeles, CA 90031
- Michael Hayden, 134 W Avenue 34, Los Angeles, CA 90031
- Anthony Lepore, 134 W Avenue 34, Los Angeles, CA 90031
- Phil Wagner, 136 W Avenue 34, Los Angeles, CA 90031
- Erin Trefry, 136 W Avenue 34, Los Angeles, CA 90031
- David Barrios, 140 W Avenue 34, Los Angeles, CA 90031
- Pae White, 164 W Avenue 34, Los Angeles, CA 90031
- Tom Marble, 164 W Avenue 34, Los Angeles, CA 90031
- Joseph Lepore, Leval of California, 3305 Pasadena Ave, Los Angeles, CA 90031
- Marienela Felix, Setroc Apparel, 3305 Pasadena Ave, Los Angeles, CA 90031
- Raquel Felix, Setroc Apparel, 3305 Pasadena Ave, Los Angeles, CA 90031
- Adrian Bernal, Rough Trade Gear, 3305 Pasadena Ave, Los Angeles, CA 90031
- Jessica Pimintel, Rough Trade Gear, 3305 Pasadena Ave, Los Angeles, CA 90031
- Mario Silva, Califa Coast, 3305 Pasadena Ave, Los Angeles, CA 90031
- Amanda Ross Ho, 3307 Pasadena Ave, Los Angeles, CA 90031
- Erik Frydenborg, 3307 Pasadena Ave, Los Angeles, CA 90031
- Frank Rodriguez, 315 W Avenue 33, Los Angeles, CA 90031
- Mario Abrego, 118 W Avenue 33, Los Angeles, CA 90031
- Alba Marroquin, 118 W Avenue 33, Los Angeles, CA 90031
- Mauricio Rolon, 220 W Avenue 33, Los Angeles, CA 90031
- Jessica Cardoza, 114 W Avenue 33, Los Angeles, CA 90031
- Moskowitz Bayse, 119 W Avenue 33, Unit A, Los Angeles, CA 90031
- Meredith Bayse, 119 W Avenue 33, Unit A, Los Angeles, CA 90031
- Christopher Richmond, 119 W Avenue 33, Unit B, Los Angeles, CA 90031
- Bailey Hikawa, 119 W Avenue 33, Unit B, Los Angeles, CA 90031
- Scott Wagner, 119 W Avenue 33, Unit B, Los Angeles, CA 90031
- Adam Moskowitz, 119 W Avenue 33, Unit B, Los Angeles, CA 90031
- Haunted Wagon, 119 W Avenue 33, Unit C, Los Angeles, CA 90031
- Online Ceramics, 119 W Avenue 33, Unit C, Los Angeles, CA 90031
- Alix Ross, 119 W Avenue 33, Unit C, Los Angeles, CA 90031
- Elijah Funk, 119 W Avenue 33, Unit C, Los Angeles, CA 90031
- Jack Ramunni, 119 W Avenue 33, Unit C, Los Angeles, CA 90031
- Avram Khan, 119 W Avenue 33, Unit C, Los Angeles, CA 90031
- Coco Baldanado, 119 W Avenue 33, Unit C, Los Angeles, CA 90031

- Josh Culberson, 119 W Avenue 33, Unit C, Los Angeles, CA 90031
- Kevin Acevedo, 3244 Humboldt St, Los Angeles, CA 90031
- Alberto Garcia, Carnes Asadas Pancho Lopez, 3328 Pasadena Ave, Los Angeles, CA 90031
- John Ruley, Big Bad Sound, 211 W Avenue 33, Los Angeles, CA 90031
- Zachary Fisher, Big Bad Sound, 211 W Avenue 33, Los Angeles, CA 90031
- Dorothy Dubrule, Pieter Performance Space, 420 W Avenue 33, Los Angeles, CA 90031

Exhibit B

Director's Determination

DIR-2019-6048-TOC-SPR-WDI

DEPARTMENT OF
CITY PLANNING

COMMISSION OFFICE
(213) 978-1300

CITY PLANNING COMMISSION

SAMANTHA MILLMAN
PRESIDENT

VAHID KHORSAND
VICE-PRESIDENT

DAVID H. J. AMBROZ
CAROLINE CHOE
HELEN LEUNG
KAREN MACK
MARC MITCHELL
VERONICA PADILLA-CAMPOS
DANA M. PERLMAN

CITY OF LOS ANGELES
CALIFORNIA

ERIC GARCETTI
MAYOR

EXECUTIVE OFFICES
200 N. SPRING STREET, ROOM 525
LOS ANGELES, CA 90012-4801
(213) 978-1271

VINCENT P. BERTONI, AICP
DIRECTOR

KEVIN J. KELLER, AICP
EXECUTIVE OFFICER

SHANA M.M. BONSTIN
DEPUTY DIRECTOR

TRICIA KEANE
DEPUTY DIRECTOR

ARTHI L. VARMA, AICP
DEPUTY DIRECTOR

LISA M. WEBBER, AICP
DEPUTY DIRECTOR

DIRECTOR'S DETERMINATION
TRANSIT ORIENTED COMMUNITIES AFFORDABLE HOUSING INCENTIVE PROGRAM
SITE PLAN REVIEW AND WAIVER OF DEDICATION AND IMPROVEMENTS

June 12, 2020

Applicant
Jay Stark
R Cap Avenue 34, LLC
949 South Hope Street, Suite 100
Los Angeles, CA 90015

Owner
ED1125
141 West Avenue 34
Los Angeles, CA 90031

Representative
Andrew Brady
DLA Piper, LLP
550 South Hope Street, Suite 2400
Los Angeles, CA 90071

Case No. DIR-2019-6048-TOC-SPR-WDI
CEQA: ENV-2016-273-MND-REC1
Location: 135 – 153 West Avenue 34
Council District: 1 - Gilbert Cedillo
Neighborhood Council: Lincoln Heights
Community Plan Area: Northeast Los Angeles
Land Use Designation: Commercial Manufacturing
Zone: [T][Q]CM-2D
Legal Description: Lots A & B, Parcel Map 541; Lot 3, 23801 Tract; Fr. Lot 64, Pt. Lot 65 & Lots 61 & 62, Whittaker Richardson and Ernest Subdivision of Lots 2 and 3 Griffin Tract East Los Angeles

Last Day to File an Appeal: June 26, 2020

DETERMINATION - Transit Oriented Communities Affordable Housing Incentive Program, Waiver of Dedication and Improvements, & Site Plan Review

Pursuant to the Los Angeles Municipal Code (LAMC) Sections 12.22-A,31, 12.37-I, and 16.05, I have reviewed the proposed project and as the designee of the Director of City Planning, I hereby:

1. **Approve** a 70% increase in density bonus consistent with the provisions of the Transit Oriented Communities Affordable Housing Incentive Program for a Tier 3 project with a total of 468 dwelling units, including 66 dwelling units reserved for Very Low Income (VLI) Households occupancy for a period of 55 years, along with the following two (2) Additional Incentives;

   a. **Setback**. To permit the use of any or all the yard requirements for the RAS3 Zone in lieu of the [T][Q]CM-2D, and

b. **Transitional Height**. To utilize the Transit Oriented Communities transitional height requirements in lieu of those found in LAMC Section 12.21.1-A,10;

2. **Approve** a Waiver of Dedication and Improvement for a five-foot dedication and three-foot widening along Avenue 34 and a 15 feet by 15 feet chamfer or a 20 foot radius corner cut along northwest intersection of Avenue 34 and Pasadena Avenue, in order to maintain the existing condition along Avenue 34 and the corner of Avenue 34 and Pasadena Avenue;

3. **Conditionally Approve** a Site Plan Review for the construction, use and maintenance of a new, five-story, mixed-use building with 468 dwelling units, and 16,395 square feet of commercial space in the [T][Q]CM-2D Zone; and

4. **Adopt** the attached Findings.

CONDITIONS OF APPROVAL

Pursuant to LAMC Section 12.22-A,31, 12.37 and 16.05, the following conditions are hereby imposed upon the use of the subject property:

1. **Site Development.** Except as modified herein, the project shall be in substantial conformance with the plans and materials submitted by the applicant, stamped "Exhibit A," and attached to the subject case file. No change to the plans will be made without prior review by the Department of City Planning, Expedited Processing Section, and written approval by the Director of Planning. Each change shall be identified and justified in writing. Minor deviations may be allowed in order to comply with the provisions of the Los Angeles Municipal Code or the project conditions.

2. **Base Incentives.**

    a. **Residential Density**. The project shall be limited to a maximum density of 468 residential units, including On-site Restricted Affordable Units.

    b. **Floor Area Ratio (FAR)**. The project is permitted a maximum FAR of 3 to 1.

    c. **Parking.**

        i. **Automobile Parking.** The project shall provide a minimum of 0.5 automobile parking spaces per unit.

        ii. **Bicycle Parking.** Bicycle parking shall be provided in compliance with the Municipal Code and to the satisfaction of the Department of Building and Safety. No variance from the bicycle parking requirements has been requested or granted herein.

        iii. **Adjustment of Parking.** In the event that the number of Restricted Affordable Units should increase or the composition of such units should change (i.e. the number of bedrooms, or the number of units made available to Senior Citizens and/or Disabled Persons), and no other Condition of Approval or incentive is affected, then no modification of this determination shall be necessary, and the number of parking spaces shall be re-calculated by the Department of Building and Safety based upon the ratios set forth pursuant to LAMC Section 12.22-A,25.

        iv. **Unbundling.** Required parking may be sold or rented separately from the units, with the exception of all Restricted Affordable Units which shall include any required parking in the base rent or sales price, as verified by the Los Angeles Department of Housing and Community Investment (HCIDLA).

3. **Additional Incentives.**

    a. **Setback.** The project shall be permitted the use of any or all the yard requirements for the RAS3 Zone.

    b. **Transitional Height.** The project shall be permitted to utilize the Transit Oriented Communities transitional height requirements in lieu of those found in LAMC Section 12.21.1-A,10.

4. **On-site Restricted Affordable Units.**

    a. Prior to issuance of a building permit, the owner shall execute a covenant to the satisfaction of HCIDLA to make 14% of the total number of units for Very Low Income Households, as defined by HCIDLA, for sale or rental as determined to be affordable to such households by HCIDLA for a period of 55 years. In the event, the applicant reduces the proposed density of the project, the number of required reserved On-site Restricted Units may be adjusted, consistent with LAMC Section 12.22-A,31, to the satisfaction of HCIDLA. Enforcement of the terms of said covenant shall be the responsibility of HCIDLA. The applicant shall provide a copy of the recorded covenant to the Department of City Planning for inclusion in this file.

    b. The project shall be permitted to provide all required On-site Restricted Affordable Units for the entire project in Phase 1 of the proposed project, subject to the following conditions:

        i. Prior to the issuance of a Certificate of Occupancy for Phase 1 of the proposed project, the applicant shall submit plans for both Phase 1 and 2 to HCIDLA. In designating the On-site Restricted Affordable Units, HCIDLA shall consider the design (including total square footage, bedroom size, closet space amenities, number of bathrooms, etc.) of all of the units to be constructed in both Phase 1 and 2; in addition, HCIDLA shall consider access to, and distribution of amenities; and

        ii. The project shall comply with the Guidelines for the Affordable Housing Incentives Program adopted by the City Planning Commission and with any monitoring requirements established by HCIDLA.

5. **Changes in On-site Restricted Units**. Deviations that increase the number of On-site Restricted Units or that change the composition of units or change parking numbers shall be consistent with LAMC Section 12.22-A,31.

6. **Housing Replacement Requirements.** The Housing and Community Investment Department has determined that the proposed project is not required to provide replacement units.

7. **Mechanical Equipment.** All mechanical equipment on the roof shall be screened from view. The transformer, if located in the front yard, shall be screened with landscaping.

8. **Maintenance.** The subject property (including all trash storage areas, associated parking facilities, sidewalks, yard areas, parkways, and exterior walls along the property lines) shall be maintained in an attractive condition and shall be kept free of trash and debris.

9. **Site Plan Review.**

    a. **Architecture.**

        i. Submit Elevations for all facades of all three (3) structures that are consistent with the architecture, including design and materials, of the Elevations included in Exhibit “A”, for review and approval by the Director.

        ii. Revised the Floor Plans for Building A at the emergency exits located toward the middle and western portion of the building to match the South Elevation, including window treatment, exterior staircase and other architectural elements.

b. **Mechanical Equipment Screening and Trash Containers.**

   i. All exterior mechanical equipment, including HVAC equipment, satellite dishes, cellular antennas and air conditioners, shall not be visible from public rights-of-way or adjacent residences or placed in window or door openings.

   ii. Trash storage bins shall be located within the building or a gated, covered enclosure constructed of materials identical to the exterior wall materials of the building and screened with landscaping, so as not to be viewed from public right-of way or adjacent residences.

c. **Lighting.** Outdoor lighting shall be designed and installed with shielding, such that the light source cannot be seen from adjacent residential properties, the public right-of-way, nor from above.

d. **Landscaping and Street Trees.**

   i. The project shall provide a minimum of 219 trees.

   ii. All open areas not used for buildings, driveways, parking areas, recreational facilities or walks shall be attractively landscaped, including an automatic irrigation system, and maintained in accordance with a landscape plan prepared by a licensed landscape architect or licensed architect, and submitted for approval to the Department of City Planning.

   iii. All planters containing trees shall have a minimum depth of 48 inches (48”), including those located on the rooftop area or above a parking garage.

   iv. Street trees shall be removed and planted as required by the Urban Forestry Division of the Bureau of Street Services. All street tree plantings shall be brought up to current standards. The actual number and location of new trees shall be determined at the time of tree planting.

e. **Electric Vehicle Parking.** All electric vehicle charging spaces (EV Spaces) and electric vehicle charging stations (EVCS) shall comply with the regulations outlined in Sections 99.04.106 and 99.05.106 of Article 9, Chapter IX of the LAMC.

f. **Solar Panels.** Solar panels shall be installed on the project’s rooftop space to be connected to the building’s electrical system. A minimum 15% of the available roof area shall be reserved for the installation of a solar photovoltaic system, to be installed prior to the issuance of a certificate of occupancy, in substantial conformance with the plans stamped “Exhibit A”.

g. **Pedestrian and Safety.**

   i. Install pedestrian-activated crosswalk with in-pavement rapid flashing beacons or an equivalent system as approved by LADOT across Pasadena Avenue adjacent to the project site, subject to LADOT review and approval.

   ii. Install continental striped crosswalk across Avenue 34 adjacent to the project site, subject to LADOT review and approval.

iii. Install road striping on Avenue 34, subject to LADOT review and approval.

iv. Coordinate with the Department of City Planning during the building permit plan check process regarding the installation of appropriate additional wayfinding and safety signage on Avenue 34 adjacent to the project site and on Artesian Street between Avenue 34.

v. Subject to the review and approval of BOE and City Planning Department, improve sidewalks adjacent to the Project Site on Avenue 34 consistent with the City's Vision Zero Policy.

10. **Waiver of Dedication and Improvements.**

a. A five-foot wide strip of land along Avenue 34 shall be dedicated to complete the 30-foot half right-of-way in accordance with Mobility Plan 2035.

b. No roadway improvement shall be required for the widening of Avenue 34, maintaining the existing 17-foot half roadway.

c. A five-foot sidewalk improvement (in addition to the existing sidewalk) shall be constructed within the dedicated area along Avenue 34 adjoining the property. The owner shall obtain the necessary permits and approvals from the Bureau of Engineering (BOE) and all sidewalk improvements shall to be done to the satisfaction of BOE.

d. The project shall not be required to provide a 15-foot by 15-foot chamfer or a 20-foot radius corner cut along northwest intersection of Avenue 34 and Pasadena Avenue.

11. The project shall comply with all provision of Ordinance No. 179,280, except as otherwise permitted herein.

Environmental Conditions

12. **Tree Removal (Non-Protected Trees).**

a. Prior to the issuance of any permit, a plot plan shall be prepared indicating the location, size, type, and general condition of all existing trees on the site and within the adjacent public right(s)-of-way.

b. All significant (8-inch or greater trunk diameter, or cumulative trunk diameter if multi-trunked, as measured 54 inches above the ground) non-protected trees on the site proposed for removal shall be replaced at a 1:1 ratio with a minimum 24-inch box tree. Net, new trees, located within the parkway of the adjacent public right(s)-of-way, may be counted toward replacement tree requirements.

c. Removal or planting of any tree in the public right-of-way requires approval of the Board of Public Works. Contact Urban Forestry Division at: 213-847-3077. All trees in the public right-of-way shall be provided per the current standards of the Urban Forestry Division the Department of Public Works, Bureau of Street Services.

13. **Habitat Modification (Native Nesting Birds).**

    a. Proposed project activities (including disturbances to native and non-native vegetation, structures and substrates) should take place outside of the breeding bird season which generally runs from March 1- August 31 (as early as February 1 for raptors) to avoid take (including disturbances which would cause abandonment of active nests containing eggs and/or young). Take means to hunt, pursue, catch, capture, or kill, or attempt to hunt, pursue, catch, capture of kill (Fish and Game Code Section 86).

    b. If project activities cannot feasibly avoid the breeding bird season, beginning thirty days prior to the disturbance of suitable nesting habitat, the applicant shall:

        i. Arrange for weekly bird surveys to detect any protected native birds in the habitat to be removed and any other such habitat within 300 feet of the construction work area (within 500 feet for raptors) as access to adjacent areas allows. The surveys shall be conducted by a Qualified Biologist with experience in conducting breeding bird surveys. The surveys shall continue on a weekly basis with the last survey being conducted no more than 3 days prior to the initiation of clearance/construction work.
        ii. If a protected native bird is found, the applicant shall delay all clearance/construction disturbance activities within 300 feet of suitable nesting habitat for the observed protected bird species (within 500 feet for suitable raptor nesting habitat) until August 31.
        iii. Alternatively, the Qualified Biologist could continue the surveys in order to locate any nests. If an active nest is located, clearing and construction within 300 feet of the nest (within 500 feet for raptor nests) or as determined by a qualified biological monitor, shall be postponed until the nest is vacated and juveniles have fledged and when there is no evidence of a second attempt at nesting. The buffer zone from the nest shall be established in the field with flagging and stakes. Construction personnel shall be instructed on the sensitivity of the area.
        iv. The applicant shall record the results of the recommended protective measures described above to document compliance with applicable State and Federal laws pertaining to the protection of native birds. Such record shall be submitted and received into the case file for the associated discretionary action permitting the project.

14. **Existing Toxic/Hazardous Construction Materials.** (Lead Paint) Prior to the issuance of any permit for demolition or alteration of the existing structure(s), a lead-based paint survey shall be performed to the written satisfaction of the Department of Building of Safety. Should lead-based paint materials be identified, standard handling and disposal practices shall be implemented pursuant to Occupational Safety and Health Administration (OSHA) regulations.

15. **Construction Activity Near Schools.**

    a. The Applicant and contractors shall maintain ongoing contact with the administrators of Hillside Elementary School, Loreta Street Elementary School, and Los Angeles Leadership Academy Charter School. The administrative offices shall be contacted when demolition, grading and construction activity begin on the project site so that students and their parents will know when such activities are to occur. The developer shall obtain school walk and bus routes to the schools from either the administrators or from the Los Angeles Unified School District (LAUSD) Transportation Branch (323) 342-1400 and guarantee that safe and convenient pedestrian and bus routes to the school be maintained.

b. The Applicant shall install appropriate traffic signs around the site to ensure pedestrian and vehicle safety.

c. There shall be no staging or parking of construction vehicles, including vehicles to transport workers on Pasadena Avenue, adjacent to the school.

d. Due to noise impacts on the schools, no construction vehicles or haul trucks shall be staged or idled on Pasadena Avenue, adjacent to the school, during school hours.

16. **Schools Affected by Haul Route.** Haul route scheduling shall be sequenced to minimize conflicts with pedestrians, school buses and cars at the arrival and dismissal times of the school day. Haul route trucks shall not be routed past the school during periods when school is in session especially when students are arriving or departing from the campus.

17. **Increased Noise Levels (Demolition, Grading, and Construction Activities).** In addition to satisfying the noise-related conditions identified in [Q] Condition 10 of Ordinance 179,280, the project contractor shall erect a temporary noise-attenuating sound barrier along the perimeter of the Project Site's southerly and easterly property line to minimize construction noise levels at off-site properties. The sound wall shall be a minimum of 8 feet in height to block the line of site of construction equipment and off site receptors at the ground level. The sound barrier shall include ¾-inch plywood or other sound absorbing material capable of achieving a 10-dBA reduction in sound level.

18. **Increased Noise Levels (Parking Structure Ramps).**

a. Concrete, not metal, shall be used for construction of parking ramps.

b. The interior ramps shall be textured to prevent tire squeal at turning areas.

19. **Police.** The plans shall incorporate the Design Guidelines (defined in the following sentence) relative to security, semi-public and private spaces, which may include but not be limited to access control to building, secured parking facilities, walls/fences with key systems, well-illuminated public and semi-public space designed with a minimum of dead space to eliminate areas of concealment, location of toilet facilities or building entrances in high-foot traffic areas, and provision of security guard patrol throughout the project site if needed. Please refer to "Design Out Crime Guidelines: Crime Prevention Through Environmental Design," published by the Los Angeles Police Department. Contact the Community Relations Division, located at 100 W. 1st Street, #250, Los Angeles, CA 90012; (213) 486-6000. These measures shall be approved by the Police Department prior to the issuance of building permits.

20. **Transportation and Traffic.** In addition to the TDM measures, implementing measure(s) detailed in DOT's communication to the Planning Department (DOT Case No. CEN 15-43306 dated January 28, 2016, attached) shall be complied with.

21. **Transportation Demand Management (TDM) Program.**

a. The purpose of a TDM plan is to reduce the use of single occupant vehicles (SOV) by increasing the number of trips by walking, bicycle, carpool, vanpool and transit. A TDM plan should include design features, transportation services, education, and incentives intended to reduce the amount of SOV during commute hours. Through strategic building design and orientation, this project can facilitate access to transit, can provide a

pedestrian-friendly environment, can promote non-automobile travel and can support the goals of a trip-reduction program.

b. A preliminary TDM program shall be prepared and provided for DOT review prior to the issuance of the first building permit for this project and a final TDM program approved by DOT is required prior to the issuance of the first certificate of occupancy for the project. The TDM program should include, but not be limited to, the following strategies:

   i. Provide an internal Transportation Management Coordination Program with an on-site transportation coordinator;
   ii. Design the project to ensure a bicycle, transit, and pedestrian friendly environment;
   iii. Provide unbundled parking that separates the cost of obtaining assigned parking spaces from the cost of purchasing or renting residential units;
   iv. Accommodate flexible/alternative work schedules and telecommuting programs;
   v. A provision requiring compliance with the State Parking Cash-out Law in all leases:
   vi. Coordinate with DOT to determine if the project location is eligible for future Integrated Mobility Hub (which can include space for a bike share kiosk, and/or parking spaces on-site for car-share vehicles;
   vii. Provide on-site transit routing and schedule information;
   viii. Provide a program to discount transit passes for residents/employees possibly through negotiated bulk purchasing passes with transit providers;
   ix. Provide rideshare matching services;
   x. Preferential rideshare loading/unloading or parking location;
   xi. Contribute to a one-time fixed fee contribution of $75,000 to be deposited into the City's Bicycle Plan Trust Fund to implement bicycle improvements in the vicinity of the project.

   In addition to these TDM measures, DOT also recommends that the Applicant explore the implementation of an on-demand van, shuttle or tram service that connects the project employees to off-site transit stops based on the transportation needs of the project employees. Such a service can be included as an additional measure in the TDM program if it is deemed feasible and effective by the applicant.

22. The Applicant shall implement a TDM/TMP to reduce the project trip generation by 15 percent. Specifically, the project shall not exceed a driveway trip volume count of 179 trips during the a.m. peak hour and 222 trips during the pm peak hour, at full occupancy. To achieve this peak hour driveway trip volume requirement through implementation of an on-site Transportation Demand Management (TDM) Plan the project shall implement a Trip Monitoring Program (TMP).

23. The Applicant shall record a covenant and agreement to annually monitor and submit reports on the progress of the driveway trip reduction plan to DOT. Annual reports shall include a report on the observed trip generation and on the project's mode share. The detailed goals, objectives, terms and strategies of the TDM plan and reporting requirements shall be determined during the preparation of the final. The TDM plan is due prior to the issuance of any temporary or final certificate of occupancy permit for the project. The plan should also identify any appropriate penalties, should the project not achieve compliance with the targeted number of driveway trips within a year of exceeding the limits. The TMP shall continue until such time that the project has shown, for five (5) consecutive years, at a minimum of 85% occupancy, accomplishment of the peak hour driveway trip volume requirement as listed.

24. **Transportation Systems Management (TSM) Improvements.** The Applicant shall implement the upgrades, detailed below by LADOT's ATSAC Section, through the B-Permit process. LADOT's ATSAC Section has identified the need to update the existing traffic signal system. Specifically, install one CCTV camera, a new type 2070 controller, and the necessary infrastructure (including, but not limited to, fiber optic and interconnect) to activate the new installation, at the Pasadena Avenue / Avenue 26 and Daly Street intersection. The video fiber / fiber optic improvements must be guaranteed prior to the issuance of any building permit and complete prior to the issuance of any certificate of occupancy. Temporary certificates of occupancy may be granted in the events of any delay through no fault of the applicant, provided that, in each case, the applicant has demonstrated reasonable efforts and due diligence to the satisfaction of DOT.

25. **Construction Management Plan.**

    a. A construction work site traffic control plan shall be submitted to DOT for review and approval prior to the start of any construction work. The plans shall show the location of any roadway or sidewalk closures, traffic detours, haul routes, hours of operation, protective devices, warning signs and access to abutting properties. All construction related traffic shall be restricted to off-peak hours.

    b. All delivery truck loading and unloading shall take place on site or within the boundaries of an approved traffic control plan.

26. **Transportation and Traffic (Construction).** The developer shall install appropriate traffic signs around the site to ensure pedestrian and vehicle safety at all times during the construction period.

27. **Pedestrian Safety During Construction.**

    a. The Applicant shall plan construction and construction staging as to maintain pedestrian access on adjacent sidewalks throughout all construction phases. This requires the applicant to maintain adequate and safe pedestrian protection, including physical separation (including utilization of barriers such as K-Rails or scaffolding, etc.) from work space and vehicular traffic, and overhead protection, due to sidewalk closure or blockage, at all times.

    b. Should permanent pedestrian routes be unavailable due to construction, safe and accessible temporary pedestrian routes shall be provided adjacent to the project site.

    c. Covered walkways should be provided where pedestrians are exposed to potential injury from falling objects.

    d. The Applicant shall keep sidewalk open during construction until only when it is absolutely required to close or block sidewalk for construction and/or construction staging. Sidewalk shall be reopened as soon as reasonably feasible taking construction and construction staging into account.

Administrative Conditions

28. **Final Plans.** Prior to the issuance of any building permits for the project by the Department of Building & Safety, the applicant shall submit all final construction plans that are awaiting issuance of a building permit by the Department of Building & Safety for final review and

approval by the Department of City Planning. All plans that are awaiting issuance of a building permit by the Department of Building & Safety shall be stamped by Department of City Planning staff “Final Plans”. A copy of the Final Plans, supplied by the applicant, shall be retained in the subject case file.

29. **Covenant**. Prior to the effectuation of this grant, a covenant acknowledging and agreeing to comply with all the terms and conditions established herein shall be recorded in the County Recorder's Office. The agreement (standard master covenant and agreement form CP-6770) shall run with the land and shall be binding on any subsequent owners, heirs or assigns. The agreement with the conditions attached must be submitted to the Department of City Planning for approval before being recorded. After recordation, a certified copy bearing the Recorder's number and date shall be provided for inclusion in case file.

30. **Notations on Plans.** Plans submitted to the Department of Building & Safety, for the purpose of processing a building permit application shall include all of the Conditions of Approval herein attached as a cover sheet, and shall include any modifications or notations required herein.

31. **Approval, Verification and Submittals.** Copies of any approvals, guarantees or verification of consultations, review of approval, plans, etc., as may be required by the subject conditions, shall be provided to the Department of City Planning prior to clearance of any building permits, for placement in the subject file.

32. **Code Compliance.** Use, area, height, and yard regulations of the zone classification of the subject property shall be complied with, except where granted conditions differ herein.

33. **Department of Building & Safety.** The granting of this determination by the Director of Planning does not in any way indicate full compliance with applicable provisions of the Los Angeles Municipal Code Chapter IX (Building Code). Any corrections and/or modifications to plans made subsequent to this determination by a Department of Building & Safety Plan Check Engineer that affect any part of the exterior design or appearance of the project as approved by the Director, and which are deemed necessary by the Department of Building & Safety for Building Code compliance, shall require a referral of the revised plans back to the Department of City Planning for additional review and sign-off prior to the issuance of any permit in connection with those plans.

34. **Department of Water and Power.** Satisfactory arrangements shall be made with the Los Angeles Department of Water and Power (LADWP) for compliance with LADWP’s Rules Governing Water and Electric Service. Any corrections and/or modifications to plans made subsequent to this determination in order to accommodate changes to the project due to the under-grounding of utility lines, that are outside of substantial compliance or that affect any part of the exterior design or appearance of the project as approved by the Director, shall require a referral of the revised plans back to the Department of City Planning for additional review and sign-off prior to the issuance of any permit in connection with those plans.

35. **Enforcement.** Compliance with and the intent of these conditions shall be to the satisfaction of the Department of City Planning.

36. **Expiration.** In the event that this grant is not utilized within three years of its effective date (the day following the last day that an appeal may be filed), the grant shall be considered null and void. Issuance of a building permit, and the initiation of, and diligent continuation of, construction activity shall constitute utilization for the purposes of this grant.

37. **Expedited Processing Section Fee.** Prior to the clearance of any conditions, the applicant shall show proof that all fees have been paid to the Department of City Planning, Expedited Processing Section.

38. **Indemnification and Reimbursement of Litigation Costs.**

Applicant shall do all of the following:

a. Defend, indemnify and hold harmless the City from any and all actions against the City relating to or arising out of, in whole or in part, the City's processing and approval of this entitlement, including but not limited to, an action to attack, challenge, set aside, void, or otherwise modify or annul the approval of the entitlement, the environmental review of the entitlement, or the approval of subsequent permit decisions, or to claim personal property damage, including from inverse condemnation or any other constitutional claim.

b. Reimburse the City for any and all costs incurred in defense of an action related to or arising out, in whole or in part, of the City's processing and approval of the entitlement, including but not limited to payment of all court costs and attorney's fees, costs of any judgments or awards against the City (including an award of attorney's fees), damages, and/or settlement costs.

c. Submit an initial deposit for the City's litigation costs to the City within 10 days' notice of the City tendering defense to the applicant and requesting a deposit. The initial deposit shall be in an amount set by the City Attorney's Office, in its sole discretion, based on the nature and scope of action, but in no event shall the initial deposit be less than $50,000. The City's failure to notice or collect the deposit does not relieve the applicant from responsibility to reimburse the City pursuant to the requirement in paragraph (b).

d. Submit supplemental deposits upon notice by the City. Supplemental deposits may be required in an increased amount from the initial deposit if found necessary by the City to protect the City's interests. The City's failure to notice or collect the deposit does not relieve the applicant from responsibility to reimburse the City pursuant to the requirement in paragraph (b).

e. If the City determines it necessary to protect the City's interest, execute an indemnity and reimbursement agreement with the City under terms consistent with the requirements of this condition.

The City shall notify the applicant within a reasonable period of time of its receipt of any action and the City shall cooperate in the defense. If the City fails to notify the applicant of any claim, action, or proceeding in a reasonable time, or if the City fails to reasonably cooperate in the defense, the applicant shall not thereafter be responsible to defend, indemnify or hold harmless the City.

The City shall have the sole right to choose its counsel, including the City Attorney's office or outside counsel. At its sole discretion, the City may participate at its own expense in the defense of any action, but such participation shall not relieve the applicant of any obligation imposed by this condition. In the event the applicant fails to comply with this condition, in whole or in part, the City may withdraw its defense of the action, void its approval of the entitlement, or take any other action. The City retains the right to make all decisions with respect to its representations in any legal proceeding, including its inherent right to abandon or settle litigation.

For purposes of this condition, the following definitions apply:

"City" shall be defined to include the City, its agents, officers, boards, commissions, committees, employees, and volunteers.

"Action" shall be defined to include suits, proceedings (including those held under alternative dispute resolution procedures), claims, or lawsuits. Actions includes actions, as defined herein, alleging failure to comply with any federal, state or local law.

Nothing in the definitions included in this paragraph are intended to limit the rights of the City or the obligations of the applicant otherwise created by this condition.

PROJECT BACKGROUND

The subject property is comprised of seven (7) lots measuring approximately 219,296 square-foot (5.03 acres) with a frontage of 685 feet along Avenue 34 and a frontage of 379 feet along Pasadena Avenue. The subject property is currently developed with industrial and commercial uses and associated surface parking lot.

The subject property is zoned [T][Q]CM-2D within the Northeast Los Angeles Community Plan Area with a Commercial Manufacturing land use designation. The project site is located with Transit Oriented Communities (TOC), Tier 3. The site is located within an Urban Agriculture Incentive Zone, and is 1.48 kilometers from the Upper Elysian Park Fault. The site is not located within a flood zone, methane area, a landslide, or a Special Grading Area.

The proposed project is the construction, use, and maintenance of a new, five-story, 514,756 square-foot mixed use building with 468 dwelling units, including 66 dwelling units set aside for Very Low Income Households (or 14% of the proposed density) and 16,395 square feet of commercial space. The development will be constructed within two phases, and is designed as one (1) building which includes two (2) levels of subterrean parking across the entire site and with three (3) structures that include residential and commercial uses. The structures will be four (4) and five (5) stories tall with a total of 222 studio, 152 one-bedroom, and 94 two-bedroom dwelling units, and a total of 49,152 square feet of open space for residents.

The project will provide a total of 311 automobile parking spaces, 35 short-term and 264 long-term bicycle parking spaces. Vehicular access to the site is provided via a two way driveway that is accessible off of Avenue 34. Pedestrian access is located on Pasadena Avenue.

The project is located in Tier 3 of the Transit Oriented Communities Incentive Areas and therefore, pursuant to the Transit Oriented Communities Affordable Housing Incentive Program Guidelines (TOC Guidelines), by setting aside 14% of the total number of dwelling units for Very Low Income Households, the project is eligible for the Base Incentives (Residential Density, Floor Area Ratio (FAR) and Automobile Parking). There are no additional incentives requested.

The subject property is zoned [T][Q]CM-2D which allows a residential density of one (1) dwelling unit per 800 square feet of lot area. At 219,296 square feet in size, the property has a base density of 275 units (219,296 square feet of lot area divided by 800 square feet equals 274.12 - rounded up to 275). Pursuant to the TOC Guidelines, projects within Tier 3 which are eligible for the Base Incentives are eligible for a 70% density increase from the base density. Therefore, the project is permitted a maximum of 468 total units. The project proposes a total of 468 residential units.

The project proposes all affordable units will be provided in Phase 1 of the construction of the project. As determined by Housing and Community Investment Department (HCIDLA), the affordable dwelling units will be comparable to market rate dwelling units, including total square footage, bedroom size, closet space amenities, number of bathrooms, etc., the quality of interior “finish” materials (e.g., floor and wall coverings) will also be comparable. Affordable units will not be less than 90% of the average square footage of the market rate units with the same number of bedrooms. The design of restricted dwelling units will generally reflect the average number of bedrooms per dwelling unit in the development. Additionally, affordable dwelling units must be reasonably interspersed among market-rate dwelling units within buildings A and B that will be constructed during Phase 1.

As the subject property is zoned [T][Q]CM-2D, located in Tier 3 and meets the eligibility criteria in the TOC Guidelines for the Base Incentives, the project is allowed a percentage increase of the FAR up to 50%. The [T][Q]CM-2D zone allows for a 3:1 FAR. Therefore, the project is permitted a maximum FAR of 3:1.

In addition, as the project is located in Tier 3, the project is eligible for the Base Incentive to allow a parking at a ratio of 0.5 parking spaces per unit. As such, the project will provide a total of 311 automobile parking spaces. The project also proposes a total of 299 bicycle parking spaces (35 short-term and 264 long-term bicycle parking spaces).

The project includes a Waiver of Dedication and Improvement for a five-foot dedication and three-foot widening along Avenue 34, and a 15-foot by 15-foot chamfer or a 20-foot radius corner cut along northwest intersection of Avenue 34 and Pasadena Avenue, in order to maintain the existing condition along Avenue 34 and the corner of Avenue 34 and Pasadena Avenue to maximize available lot area to provide floor area for residential units.

SURROUNDING PROPERTIES

Surrounding uses are within commercial manufacturing, urban center and public facilities zones and are generally developed residential single-family, and commercial manufacturing structures. The property to the north abutting the site is zoned UC(CA) and is currently vacant. The properties to east, across Pasadena Avenue, are zoned [Q]RD2-1D, [Q]RD1.5-1D, [Q]PF-1D and [T][Q]CM-2D and are developed with commercial, educational, and multi-family residential uses. The properties to the south, across Avenue 34, are zoned UC(CA) and are improved with commercial uses and a single-family residential structure. The property to the west is zoned PF-1 and is developed with the Metro Gold Line light rail.

STREETS

Pasadena Avenue, abutting the property to the east, is designated as a Modified Avenue II dedicated to a varying width of 76 to 81 feet, improved with asphalt roadway, curb, gutter, and concrete sidewalks.

Avenue 34, abutting the property to the south, is a Modified Local Street -Standard dedicated to a width of 50 feet, improved with asphalt roadway, curb, gutter, and concrete sidewalks.

TRANSIT ORIENTED COMMUNITIES

Pursuant to the voter-approved Measure JJJ, Los Angeles Municipal Code (LAMC) 12.22-A,31 was added to create the Transit Oriented Communities (TOC) Affordable Housing Incentive Program (TOC Program). The Measure requires the Department of City Planning to create TOC Affordable Housing Incentive Program Guidelines (TOC Guidelines) for all Housing Developments located within a ½-mile (or 2,640-foot) radius of a Major Transit Stop. These Guidelines provide the eligibility standards, incentives, and other necessary components of the TOC Program consistent with LAMC 12.22-A,31.

A qualifying TOC Project shall be granted Base Incentives with regard to increased residential density, increased floor area ratio, and reduced automobile parking requirements. In addition to these Base Incentives, an eligible project may be granted Additional Incentives with regard to yards and setbacks, open space, lot coverage, lot width, averaging, density calculation, height, and developments in public facilities zones. Up to three (3) Additional Incentives may be granted

in exchange for providing the requisite set aside of affordable housing as enumerated in the TOC Guidelines.

The proposed project is located less than a ½ mile from the Heritage Square Metro Gold Line Rail Station and is therefore defined as a Major Transit Stop. Furthermore, as the project will set aside 14% of the total number of units for Very Low Income Households and meets all other eligibility requirements of the TOC Affordable Housing Incentive Program, the project is entitled to the Base Incentives.

In addition, as the project is 1,350 feet from the Heritage Square Metro Gold Line Rail Station the project is located within Tier 3 of the TOC Guidelines. Therefore, as the project will set aside 10% of the base number of units for Very Low Income Households, the project is entitled to two (2) Additional Incentives. The applicant is requesting two (2) Additional Incentives.

Given the above, the proposed project includes the following Base and Additional Incentives for a qualifying Tier 3 Project:

Tier 3 Base Incentives:

a. **Density:** The subject property is zoned [T][Q]CM-2D and limited to a maximum density of one (1) dwelling unit per 800 square feet of lot area. With a lot area totaling 219,296 square feet, the project is permitted to construct up to 275 dwelling units (rounding up from 274.12). As an eligible Housing Development, the project is entitled for a 70 percent density increase for a maximum of 468 total units; 468 units are proposed.

b. **Floor Area Ratio (FAR)**: The subject property is zoned [T][Q]CM-2D and limited to an FAR of 3 to 1. As an eligible Housing Development, the project is entitled to a 50 percent FAR increase, or 4.5 to 1. As proposed, the project has a maximum FAR of 3 to 1.

c. **Parking**: Pursuant to LAMC Section 12.21-A,4, the proposed 468-unit project would be required to provide a total of 638 residential and 33 commercial automobile parking spaces. As an Eligible Housing Development, the project is entitled to provide ½ parking space per unit (or 234 parking spaces) and 24 commercial automobile parking spaces. As proposed, the project is providing a total of 311 parking spaces.

Tier 3 Additional Incentives:

a. **Setbacks.** Eligible Housing Developments located in any commercial zone may utilize any or all of the yard requirements for the RAS3 zone per LAMC 12.10.5. In this case, the project would be required to provide side and rear yard conforming to the requirements of the R4 Zone for portions of building erected and used for residential purposes, which includes seven-foot side yards, and a 15-foot rear yard. The project as proposed, will provide yard requirements conforming to the RAS3 zone.

b. **Transitional Height**. Eligible Housing Developments in Tier 3 may utilize transitional height requirements in lieu of those found in LAMC 12.21.1-A,10, or any applicable transitional height limits in a Specific Plan, including any requirements for reduced building heights when a building is adjoining a more restrictive zone. Eligible Housing Developments in Tier 3 may have the building height limit stepped-back at a 45 degree angle as measured from a horizontal plane originating 25 feet above grade at the property line of the adjoining lot in the RW1 Zone or more restrictive residential zone. Because the subject property does not adjoin a lot in the RW1 or more restrictive residential zone,

transitional height does not apply. As proposed, the project height of 73 feet is in conformance with this Additional Incentive.

HOUSING REPLACEMENT

Pursuant to LAMC Section 12.22-A,31(b)(1), a Housing Development located within a Transit Oriented Communities (TOC) Affordable Housing Incentive Area shall be eligible for TOC Incentives if it meets any applicable replacement requirements of California Government Code Section 65915(c)(3) (California State Density Bonus Law).

Assembly Bill 2222 (AB 2222) amended the State Density Bonus Law to require applicants of density bonus projects filed as of January 1, 2015 to demonstrate compliance with the housing replacement provisions which require replacement of rental dwelling units that either exist at the time of application of a Density Bonus project, or have been vacated or demolished in the five-year period preceding the application of the project. This applies to all pre-existing units that have been subject to a recorded covenant, ordinance, or law that restricts rents to levels affordable to persons and families of lower or very low income; subject to any other form of rent or price control; or occupied by Low or Very Low Income Households.

On September 28, 2016, Governor Brown signed Assembly Bill 2556 (AB 2556) which further amended the State Density Bonus Law. The amendments took effect on January 1, 2017. AB 2556 clarifies the implementation of the required replacement of affordable units in Density Bonus projects, first introduced by AB 2222. AB 2556 further defines "equivalent size" to mean that as a whole, the new units must contain at least the same total number of bedrooms as the units being replaced.

Pursuant to the Determination made by the Housing and Community Investment Department (HCIDLA) dated August 30, 2019, the proposed project is not required to provide replacement units. However, 66 units restricted to Very Low Income Households are proposed through the Transit Oriented Communities Affordable Housing Incentive Program project. This is reflected in the Conditions of Approval. Refer to the Transit Oriented Communities Affordable Housing Incentive Program Background section of this determination for additional information.

TRANSIT ORIENTED COMMUNITIES AFFORDABLE HOUSING INCENTIVE PROGRAM ELIGIBILITY REQUIREMENTS

To be an eligible Transit Oriented Communities (TOC) Housing Development, a project must meet the Eligibility criteria set forth in Section IV of the Transit Oriented Communities Affordable Housing Incentive Program Guidelines (TOC Guidelines). A Housing Development located within a TOC Affordable Housing Incentive Area shall be eligible for TOC Incentives if it meets all of the following requirements, **which it does**:

1. ***On-Site Restricted Affordable Units.*** *In each Tier, a Housing Development shall provide On-Site Restricted Affordable Units at a rate of at least the minimum percentages described below. The minimum number of On-Site Restricted Affordable Units shall be calculated based upon the total number of units in the final project.*

    a. *Tier 1 - 8% of the total number of dwelling units shall be affordable to Extremely Low Income (ELI) income households, 11% of the total number of dwelling units shall be affordable to Very Low (VL) income households, or 20% of the total number of dwelling units shall be affordable to Lower Income households.*
    b. *Tier 2 - 9% ELI, 12% VL or 21% Lower.*

c. Tier 3 - 10% ELI, 14% VL or 23% Lower.
d. Tier 4 - 11% ELI, 15% VL or 25% Lower.

The project site is located within a Tier 3 Transit Oriented Communities Affordable Housing Incentive Area. As part of the proposed development, the project is required to reserve a total of 66 on-site dwelling units for Very Low Income Households which is 14% of the 468 total dwelling units proposed as part of the Housing Development. As such, the project meets the eligibility requirement for On-Site Restricted Affordable Units.

2. ***Major Transit Stop.*** *A Housing Development shall be located on a lot, any portion of which must be located within 2,640 feet of a Major Transit Stop, as defined in Section II and according to the procedures in Section III.2 of the TOC Guidelines.*

   As defined in the TOC Guidelines, a Major Transit Stop is a site containing a rail station or the intersection of two or more bus routes with a service interval of 15 minutes or less during the morning and afternoon peak commute periods. The stations or bus routes may be existing, under construction or included in the most recent Southern California Association of Governments (SCAG) Regional Transportation Plan (RTP). The subject property is located less than 2,640 feet from the Heritage Square Metro Gold Line Rail Station and is therefore defined as a Major Transit Stop. Therefore, the project meets the eligibility requirement for proximity to a Major Transit Stop.

3. ***Housing Replacement.*** *A Housing Development must meet any applicable housing replacement requirements of California Government Code Section 65915(c)(3), as verified by the Department of Housing and Community Investment (HCIDLA) prior to the issuance of any building permit. Replacement housing units required per this section may also count towards other On-Site Restricted Affordable Units requirements.*

   Pursuant to the Determination made by the Housing and Community Investment Department (HCIDLA) dated August 30, 2019, the proposed project is not required to provide replacement units. 66 units restricted to Very Low Income Households are proposed through the Transit Oriented Communities Affordable Housing Incentive Program project. Therefore, the project meets the eligibility requirement for providing replacement housing consistent with California Government Code Section 65915(c)(3).

4. ***Other Density or Development Bonus Provisions.*** *A Housing Development shall not seek and receive a density or development bonus under the provisions of California Government Code Section 65915 (state Density Bonus law) or any other State or local program that provides development bonuses. This includes any development bonus or other incentive granting additional residential units or floor area provided through a General Plan Amendment, Zone Change, Height District Change, or any affordable housing development bonus in a Transit Neighborhood Plan, Community Plan Implementation Overlay (CPIO), Specific Plan, or overlay district.*

   There are no additional requests for density or development bonuses under the provisions of the State Density Bonus Law or any other State or local program that provides development bonuses, including, but not limited to a General Plan Amendment, Zone Change, Height District Change, or any affordable housing development bonus in a Transit Neighborhood Plan, Community Implementation Overlay (CPIO), Specific Plan, or overlay district. Therefore, the project meets this eligibility requirement.

5. ***Base Incentives and Additional Incentives.*** *All Eligible Housing Developments are eligible to receive the Base Incentives listed in Section VI of the TOC Guidelines. Up to three Additional Incentives listed in Section VII of the TOC Guidelines may be granted based upon the affordability requirements described below. For the purposes of this section below "base units" refers to the maximum allowable density allowed by the zoning, prior to any density increase provided through these Guidelines. The affordable housing units required per this section may also count towards the On-Site Restricted Affordable Units requirement in Section IV.1 above (except Moderate Income units).*

    a. *Two Additional Incentives may be granted for projects that include at least 7% of the base units for Extremely Low Income Households, at least 10% of the base units for Very Low Income Households, at least 20% of the base units for Lower Income Households, or at least 20% of the base units for persons and families of Moderate Income in a common interest development.*

    As an Eligible Housing Development, the project is eligible to receive the Base Incentives listed in the TOC Guidelines. The project may be granted two (2) Additional Incentives for reserving at least 10% of the base units for Very Low Income Households. (Base units are the maximum allowable density allowed by the zone, prior to any requests for increase in density provided by the Guidelines.) The project is requesting two (2) Additional Incentives: 1) utilizing any or all of the yard requirements for the RAS3 zone per LAMC 12.10.5 and; 2) to allow the building height limit be stepped-back at a 45 degree angle as measured from a horizontal plane originating 25 feet above grade at the property line. The subject site is zoned [T][Q]CM-2D with a Commercial Manufacturing land use designation and has a base density of 275 units. The project is setting aside 66 units for Very Low Income Households which equates to more than 10% of the 275 base units permitted through the underlying zoning of the site. Therefore, the project meets the eligibility requirement for Base and Additional Incentives because the project will reserve at least 10% of the base units for Very Low Income Households.

6. ***Projects Adhering to Labor Standards.*** *Projects that adhere to the labor standards required in LAMC 11.5.11 may be granted two Additional Incentives from the menu in Section VII of these Guidelines (for a total of up to five Additional Incentives).*

    The project is not seeking additional incentives. Therefore, the project is not required to adhere to the labor standards required in LAMC Section 11.5.11; this eligibility requirement does not apply.

7. ***Multiple Lots.*** *A building that crosses one or more lots may request the TOC Incentives that correspond to the lot with the highest Tier permitted by Section III above.*

    The proposed building crosses seven (7) lots that are located within Tier 3 of the Transit Oriented Communities Affordable Housing Incentive Area. Therefore, this eligibility requirement does not apply.

8. ***Request for a Lower Tier.*** *Even though an applicant may be eligible for a certain Tier, they may choose to select a Lower Tier by providing the percentage of On-Site Restricted Affordable Housing units required for any lower Tier and be limited to the Incentives available for the lower Tier.*

The applicant has not selected a Lower Tier and is not providing the percentage of On-Site Restricted Affordable Housing units required for any lower Tier. Therefore, this eligibility requirement does not apply.

9. ***100% Affordable Housing Projects.*** *Buildings that are Eligible Housing Developments that consist of 100% On-Site Restricted Affordable units, exclusive of a building manager's unit or units shall, for purposes of these Guidelines, be eligible for one increase in Tier than otherwise would be provided.*

   The project does not consist of 100 percent On-Site Restricted Affordable units. It is not eligible for or seeking an increase in Tier. As such, this eligibility requirement does not apply.

TRANSIT ORIENTED COMMUNITIES AFFORDABLE HOUSING INCENTIVE PROGRAM /AFFORDABLE HOUSING INCENTIVES COMPLIANCE FINDINGS

Pursuant to LAMC Section 12.22-A,31(e), the Director of Planning shall review a Transit Oriented Communities Affordable Housing Incentive Program project application in accordance with the procedures outlined in LAMC Section 12.22-A,25(g).

1. **The incentives are <u>not required</u> to provide for affordable housing costs as defined in California Health and Safety Code Section 50052.5 or Section 50053 for rents for the affordable units.**

   The California Health & Safety Code Sections 50052.5 and 50053 define formulas for calculating affordable housing costs for very low, low, and moderate income households. Section 50052.5 addresses owner-occupied housing and Section 50053 addresses rental households. Affordable housing costs are a calculation of residential rent or ownership pricing not to exceed 25 percent gross income based on area median income thresholds dependent on affordability levels. There were no substantial evidence that would allow the Director to make a finding that the requested incentives are not necessary to provide for affordable housing costs per State Law.

   The list of base incentives in the Transit Oriented Communities Guidelines were pre-evaluated at the time the Transit Oriented Communities Affordable Housing Incentive Program Ordinance was adopted to include various types of relief that minimize restrictions on the size of the project. The base incentives are required to provide for affordable housing costs because the incentives by their nature may result in increasing the scale of the project.

   The additional incentives requested to utilize any or all of the yard requirements for the RAS3 Zone and the TOC Transitional Height would result in building design and construction efficiencies that provide for affordable housing costs. Therefore, the Director finds that the incentives are required to provide for affordable housing costs as defined in California Health and Safety Code Section 50052.5 or Section 50053 for rents for the affordable units.

2. **The Incentive <u>will have</u> a specific adverse impact upon public health and safety or the physical environment, or on any real property that is listed in the California Register of Historical Resources and for which there are no feasible method to satisfactorily mitigate or avoid the specific adverse Impact without rendering the development unaffordable to Very Low, Low and Moderate Income households. Inconsistency with**

the zoning ordinance or the general plan land use designation shall not constitute a specific, adverse impact upon the public health or safety.

There has been no evidence provided that indicated that the proposed incentives will have a specific adverse impact upon public health and safety or the physical environment, or on any real property that is listed in the California Register of Historical Resources. A "specific adverse impact" is defined as, "a significant, quantifiable, direct and unavoidable impact, based on objective, identified written public health or safety standards, policies, or conditions as they existed on the date the application was deemed complete" (LAMC Section 12.22.A.25(b)).

The project does not involve a contributing structure in a designated Historic Preservation Overlay Zone or on the City of Los Angeles list of Historical-Cultural Monuments. The proposed project and potential impacts were analyzed in accordance with the California Environmental Quality Act (CEQA) Guidelines and the project was determined to result in less than significant impacts with the incorporation of mitigation measures related to biological resources, hazards and hazardous materials, noise, police, and transportation and traffic as reflected in the addendum dated December 2019 to the previously adopted MND.

Therefore, there is no substantial evidence that the proposed project will have a specific adverse impact on the physical environment, on public health and safety, or on property listed in the California Register of Historic Resources.

3. The incentives/waivers are contrary to state or federal law.

There is no substantial evidence in the record that the proposed incentives/waivers are contrary to state or federal law.

WAIVER OF DEDICATION AND IMPROVEMENT FINDINGS

Pursuant to LAMC Section 12.37-I, the Director may waive, reduce, or modify the required dedication or improvement as appropriate after making any of the following findings, in writing, based on substantial evidence in the record.

a. The dedication or improvement requirement does not bear a reasonable relationship to any project impact.

b. The dedication or improvement is not necessary to meet the City's mobility needs for the next 20 years based on guidelines the Streets Standards Committee has established.

c. The dedication or improvement requirement is physically impractical.

4. The Director Finds, based on substantial evidence in the record that the dedication or improvement is not necessary to meet the City's mobility needs for the next 20 years based on guidelines the Streets Standards Committee has established.

The City’s General Plan Transportation Element was updated with Mobility Plan 2035 which aims to guide the continuing development of a citywide transportation system and provide efficient movement of people and goods to achieve a transportation system that will balance the needs of all road uses. The Plan recognizes that since the 1999 Transportation Element was adopted, “there has been growing interest in restricting streets from being widened to match their currently assigned designation.” With this in mind, community and specific plans

have been updated and/or introduced with added footnotes and street modifications that would restrict a street from future widening. Most streets retained its named designation “but the footnotes and modifications indicated that the street was not to be widened in the future.”

Pasadena Avenue is designated as a Modified Avenue II, dedicated to a varying width of 76 to 81 feet, improved with asphalt roadway, curb, gutter, and concrete sidewalks. Avenue 34 is a Modified Local Street – Standard, dedicated to a width of 50 feet, and improved with asphalt roadway, curb, gutter, and concrete sidewalks. In order to comply with the applicable Mobility Plan 2035 standards, the project would be required to provide a five-foot dedication along Avenue 34 to provide half right-of-way of 30 feet, a three-foot widening along Avenue 34 to provide half roadway of 20 feet, and a 15-foot by 15-foot chamfer or a 20-foot radius corner cut along the northwest intersection of Avenue 34 and Pasadena Avenue.

This portion of Avenue 34 west of Pasadena Avenue terminates at Artesian Street. Given that Avenue 34 is effectively a dead-end street, the level of traffic does not warrant the increase roadway widening. Therefore, as Avenue 34 will not be utilized to the full extent of a typical Local Street within the next 20 years, the three-foot roadway improvement is not necessary to meet the City's mobility needs for the next 20 years.

In lieu of the aforementioned requirements, the project will provide the required five-foot dedication and a five-foot sidewalk widening improvement.

SITE PLAN REVIEW FINDINGS

5. The project is in substantial conformance with the purposes, intent and provisions of the General Plan, applicable community plan, and any applicable specific plan.

The Los Angeles General Plan sets forth goals, objectives, and policies that guide both Citywide and community specific land use policies. The General Plan is comprised of a range of State-mandated elements, including, but not limited to, Land Use, Housing, Transportation/Mobility, Noise, and Safety. Each of these Elements establishes policies that provide for the regulatory environment in managing the City and for addressing environmental concerns and problems. The majority of the policies derived from these Elements are in the form of Code Requirements of the Los Angeles Municipal Code. The City’s Land Use Element is divided into 35 community plans that establish parameters for land use decisions within those sub-areas of the City. While the General Plan sets out a long-range vision and guide to future development, the 35 Community Plans provide the specific, neighborhood-level detail, relevant policies, and implementation strategies necessary to achieve the General Plan objectives. The project site is located in the Northeast Los Angeles Community Plan area and is not subjected to any applicable specific plans.

Northeast Los Angeles Community Plan

The subject property is located within the Northeast Los Angeles Community Plan which was updated by the City Council on June 15, 1999. The Northeast Los Angeles Community Plan designates the subject property for Commercial Manufacturing land use, corresponding to the CM and P Zones. The subject property is zoned [T][Q]CM-2D. The proposed project advances the following goals, objectives and policies of the Community Plan:

Goal 1: A safe, secure, and attractive residential environment for all economic, age, and ethnic segments of the community.

Objective 1-1: To preserve and enhance existing residential neighborhoods.

Policy 1-1.1: Protect existing stable single-family and other lower density residential neighborhoods from encroachment by higher density residential and other uses that are incompatible as to scale and character or would otherwise diminish the quality of life.

Objective 1-2: To allocate land for new housing to accommodate a growth of population that is consistent with and promotes the health, safety, welfare, convenience, and pleasant environment of those who live and work in the community based on adequate infrastructure and government services, especially schools.

Policy 1-2.2: Locate higher residential densities near commercial and institutional centers, light rail transit stations, and major bus routes to encourage pedestrian activity and use of public transportation, providing that infrastructure, public service facilities, utilities, and topography will fully accommodate this development.

Policy 1-2.3: Encourage mixed-use development in selected commercially-zoned areas.

Objective 1-6: To promote and ensure the provision of fair and equal housing opportunities for all persons regardless of income and age groups or ethnic, religious, or racial background.

Policy 1-6.1: Promote individual choice in type, quality, price, and location of housing.

Policy 1-6.2: Promote mixed use in all multiple-family residential projects in commercial zones.

Policy 1-6.3: Ensure that redevelopment activity minimizes displacement of residents.

The proposed project is a new mixed-use development with a total of 468 dwelling units (including 66 units reserved for Very Low Income Households) and 16,395 square feet of commercial floor area. The project increases the housing stock and satisfies the needs and desires of all economic segments of the community by maximizing the opportunity for individual housing choice, and displaces no residents. Additionally, the subject property is located less than a ½-mile from the Heritage Square Metro Gold Line Rail Station, thereby reducing vehicular trips to and from the project site and congestion around the site.

Lastly, the construction of 468 new dwelling units within a primarily commercial and industrial area will support the city's housing needs while protecting existing stable single-family and other lower density residential neighborhoods from encroachment by higher density residential.

Goal 2: Strong and competitive commercial areas that suitably serve the needs of the community and attracts customers from outside the plan area by satisfying market demand and maximizing convenience and accessibility while preserving unique historic and cultural identities of each commercial area.

Objective 2-1: To conserve and strengthen potentially viable commercial areas in order to stimulate and revitalize existing businesses and create opportunities for appropriate new commercial development**.**

Policy 2-1.1: Consolidate commercial areas through appropriate planning and zoning actions to strengthen the economic base and expand market opportunities.

Policy 2-1.2: Protect commercially planned/zoned areas from encroachment by residential only development.

Objective 2-2: To enhance the identity and appearance of commercial districts.

Policy 2-2.2: Require that projects in commercial areas be designed and developed to achieve a high level of quality, distinctive character, and compatibility with appropriate existing uses and development.

The subject property is zoned [T][Q]CM-2D (Commercial Manufacturing). The property is currently improved with industrial and commercial uses and associated surface parking lot. The proposed 468-unit mixed-use project includes 16,395 square feet of commercial floor area. The 16,395 square feet of commercial floor area is proposed as neighborhood-serving commercial retail uses within three (3) ground floor spaces that will serve the needs of the community and help stimulate and revitalize development within the area.

The project has been well-designed, prioritizing the pedestrian experience, minimizing the number of driveways, and providing a consistent and unified architectural design throughout the entire development. The project also provides 65,789 square feet of publicly accessible open space, which the general public will be able to access from Pasadena Avenue and Avenue 34.

Goal 3: Sufficient land for the range of industrial uses necessary to provide maximum employment opportunities, especially for local residents; that are safe for the environment and the work force; and have minimal adverse impact on adjacent uses and infrastructure resources.

Objective 3-1: To resolve conflicts between industrial uses and other adjacent uses.

Policy 3-1.1: Preserve existing industrial areas that have the greatest viability and compatibility and the least adverse impact on nearby uses.

Objective 3-2: To provide for existing and future industrial uses that contribute job opportunities for residents and minimize adverse environmental and visual impacts on the community.

Policy 3-2.1: Designate lands for the continuation of appropriate existing industry and development of new industrial parks, research and development uses, light manufacturing, and similar uses that are compatible with nearby uses, provide employment opportunities, and have minimal impact on the environment.

Policy 3-2.2: Require compatibility through design treatments, compliance with environmental protection standards, and health and safety requirements for industrial uses that adjoin residential neighborhoods and commercial uses.

The subject property is zoned [T][Q]CM-2D (Commercial Manufacturing) and is currently improved with industrial and commercial uses and associated surface parking lot. The proposed 468-unit mixed-use development includes 16,395 square feet of commercial floor area that will provide neighborhood serving uses to support the surrounding and create job opportunities in the community. The project have been conditioned to compatible through design treatments, compliance with environmental protection standards, and health and safety requirements.

Therefore, the proposed 468-unit, mixed-use development is consistent with the goals, objectives and policies of the Northeast Los Angeles Community Plan.

The **Framework Element** for the General Plan (Framework Element) was adopted by the City of Los Angeles in December 1996 and re-adopted in August 2001. The Framework Element provides guidance regarding policy issues for the entire City of Los Angeles, including the project site. The Framework Element also sets forth a Citywide comprehensive long-range growth strategy and defines Citywide polices regarding such issues as land use, housing, urban form, neighborhood design, open space, economic development, transportation, infrastructure, and public services. The Framework Element includes the following goals, objectives and policies relevant to the instant request:

Goal 3A: A physically balanced distribution of land uses that contributes towards and facilitates the City's long-term fiscal and economic viability, revitalization of economically depressed areas, conservation of existing residential neighborhoods, equitable distribution of public resources, conservation of natural resources, provision of adequate infrastructure and public services, reduction of traffic congestion and improvement of air quality, enhancement of recreation and open space opportunities, assurance of environmental justice and a healthful living environment, and achievement of the vision for a more liveable city.

Objective 3.1: Accommodate a diversity of uses that support the needs of the City's existing and future residents, businesses, and visitors.

Policy 3.1.4: Accommodate new development in accordance with land use and density provisions of the General Plan Framework Long-Range Land Use Diagram.

Objective 3.2: Provide for the spatial distribution of development that promotes an improved quality of life by facilitating a reduction of vehicular trips, vehicle miles traveled, and air pollution.

Policy 3.2.1: Provide a pattern of development consisting of distinct districts, centers, boulevards, and neighborhoods that are differentiated by their functional role, scale, and character. This shall be accomplished by considering factors such as the existing concentrations of use, community-oriented activity centers that currently or potentially service adjacent

neighborhoods, and existing or potential public transit corridors and stations.

Policy 3.2.2: Establish, through the Framework Long-Range Land Use Diagram, community plans, and other implementing tools, patterns and types of development that improve the integration of housing with commercial uses and the integration of public services and various densities of residential development within neighborhoods at appropriate locations.

Objective 3.4: Encourage new multi-family residential, retail commercial, and office development in the City's neighborhood districts, community, regional, and downtown centers as well as along primary transit corridors/boulevards, while at the same time conserving existing neighborhoods and related districts.

Policy 3.4.1: Conserve existing stable residential neighborhoods and lower-intensity commercial districts and encourage the majority of new commercial and mixed-use (integrated commercial and residential) development to be located (a) in a network of neighborhood districts, community, regional, and downtown centers, (b) in proximity to rail and bus transit stations and corridors, and (c) along the City's major boulevards, referred to as districts, centers, and mixed-use boulevards, in accordance with the Framework Long-Range Land Use Diagram.

The proposed project will result in the development of a mixed-use building that will provide 468 dwelling units, including 66 units reserved for Very Low Income Households, and 16,395 square feet of commercial space thereby contributing toward and facilitating the City's long-term economic viability and vision for a more liveable city.

The project is not located within an existing residential neighborhood, and its proximity to the Heritage Square Metro Gold Line Rail Station is consistent with the policy of locating mixed-use developments in proximity to rail and bus transit stations and corridors, while at the same time conserving existing neighborhoods. The approval of the requested TOC allows for more intense use of the subject property, while reducing vehicular trips to and from the project, vehicle miles traveled, and air pollution.

The project site is zoned for commercial manufacturing uses and is currently developed with industrial and commercial uses and associated surface parking lot. The development of the site will enable the City to conserve nearby existing stable residential neighborhoods and lower-intensity commercial districts by allowing controlled growth away from such neighborhoods and districts. Therefore, the proposed 468-unit mixed use building with 16,395 square feet of commercial space is consistent with the Distribution of Land Use goals, objectives and policies of the General Plan Framework Element.

The **Housing Element** is the City's blueprint for meeting housing and growth challenges. It identifies the City's housing conditions and needs, reiterates goals, objectives, and policies that are the foundation of the City's housing and growth strategy, and provides the array of programs the City has committed to implement to create sustainable, mixed-

income neighborhoods across the City. The Housing Element includes the following objectives and policies relevant to the instant request:

Goal 1: Housing Production and Preservation.

Objective 1.1: Produce an adequate supply of rental and ownership housing in order to meet current and projected needs.

Policy 1.1.3: Facilitate new construction and preservation of a range of different housing types that address the particular needs of the city's households.

Objective 1.4: Reduce regulatory and procedural barriers to the production and preservation of housing at all income levels and needs.

Policy 1.4.1: Streamline the land use entitlement, environmental review, and building permit processes, while maintaining incentives to create and preserve affordable housing.

The approval of the request would permit 468 dwelling units through the TOC process with 66 dwelling units set aside for Very Low Income Households. The project would achieve the production of new housing opportunities, meeting the needs of the city, while ensuring a range of different housing types (studio, one- and two-bedroom rental units) that address the needs of the city's households.

Additionally, to reduce regulatory and procedural barriers that may impede the production of housing at all income levels and needs the project proposes all affordable units will be provided in Phase 1 of the construction of the project.

Therefore, the project is consistent with the Housing Element goals, objectives and policies of the General Plan.

The **Mobility Element** of the General Plan (Mobility Plan 2035) is not likely to be affected by the recommended action herein. Pasadena Avenue, abutting the property to the east, is designated as a Modified Avenue II dedicated to a varying width of 76 to 81 feet, improved with asphalt roadway, curb, gutter, and concrete sidewalks. Additionally, Avenue 34, abutting the property to the south, is a Modified Local Street-Standard dedicated to a width of 50 feet, improved with asphalt roadway, curb, gutter, and concrete sidewalks.

Pasadena Avenue is part of the Bicycle Lane Network and identified as a Tier 2 Bicycle Lane, and is part of the Pedestrian Enhanced Districts.

The project as designed will support the development of these Networks and meets the following goals and objectives of Mobility Plan 2035:

Policy 2.3: Recognize walking as a component of every trip, and ensure high-quality pedestrian access in all site planning and public right-of-way modifications to provide a safe and comfortable walking environment.

Vehicular access to the project site will be provided via a two-way driveway off Avenue 34. All private residential parking spaces and the commercial parking spaces would be accessed via this driveway. The existing driveways will removed. Pedestrian access will

be off of Pasadena Avenue. Pasadena Avenue will be activated with new commercial uses and publicly accessible open space, which will create a safe and comfortable walking environment.

The project will include pedestrian safety features such as pedestrian-activated crosswalk with in-pavement rapid flashing beacons or an equivalent system, striped crosswalk across Avenue 34 adjacent to the project site, striping on Avenue 34, installation of appropriate wayfinding and safety signage on Avenue 34 adjacent to the project site and on Artesian Street between Avenue 34 and Avenue 33.

Policy 3.1: Recognize all modes of travel, including pedestrian, bicycle, transit, and vehicular modes - including goods movement - as integral components of the City's transportation system.

Policy 3.3: Promote equitable land use decisions that result in fewer vehicle trips by providing greater proximity and access to jobs, destinations, and other neighborhood services.

Policy 3.5: Support "first-mile, last-mile solutions" such as multi-modal transportation services, organizations, and activities in the areas around transit stations and major bus stops (transit stops) to maximize multi-modal connectivity and access for transit riders.

Policy 3.7: Improve transit access and service to major regional destinations, job centers, and inter-modal facilities.

Policy 3.8: Provide bicyclists with convenient, secure and well-maintained bicycle parking facilities.

The project's proximity to existing regional transit services (within ½ mile of the Heritage Square Metro Gold Line Rail Station) will reduce vehicular trips to and from the project, vehicle miles traveled, and will contribute to the improvement of air quality. The adjacency of the regional transit services along with the creation of 468 dwelling units, ties the proposed project into a regional network of transit and housing.

In addition, the project will provide a total of 228 bicycle parking spaces (28 short-term and 200 long-term bicycle parking spaces) in storage rooms located within the parking garages to provide bicyclists with convenient, secure and well-maintained bicycle parking facilities to support "first-mile, last-mile solutions" to maximize multi-modal connectivity and access for transit riders.

Policy 5.4: Continue to encourage the adoption of low and zero emission fuel sources, new mobility technologies, and supporting infrastructure.

As conditioned, a minimum of 20% of the total parking spaces provided shall be capable of supporting future electric vehicle supply equipment (EVSE) and of those 20% EV Ready parking spaces, 5% of the total parking spaces provided shall be further provided with EV chargers to immediately accommodate electric vehicles within the parking areas.

Therefore, the project is consistent with Mobility Plan 2035 goals, objectives and policies of the General Plan.

The **Air Quality Element** of the General Plan will be implemented by the recommended action herein. The Air Quality Element sets forth the goals, objectives and policies which will guide the City in the implementation of its air quality improvement programs and strategies. The Air Quality Element recognizes that air quality strategies must be integrated into land use decisions and represent the City's effort to achieve consistency with regional Air Quality, Growth Management, Mobility and Congestion Management Plans. The Air Quality Element includes the following Goal and Objective relevant to the instant request:

Goal 5: Energy efficiency through land use and transportation planning, the use of renewable resources and less polluting fuels, and the implementation of conservation measures including passive methods such as site orientation and tree planting.

Objective 5.1: It is the objective of the City of Los Angeles to increase energy efficiency of City facilities and private developments.

As conditioned, a minimum of 15% of the project roof area shall be reserved for the installation of a solar photovoltaic system. Therefore, the project is in conformance with the goals and policies of the Air Quality Element.

Therefore, the project is in substantial conformance with the purposes, intent and provisions of the General Plan and does not conflict with any applicable regulations or standards.

6. The project consists of an arrangement of buildings and structures (including height, bulk and setbacks), off-street parking facilities, loading areas, lighting, landscaping, trash collection, and other such pertinent improvements that is or will be compatible with existing and future development on adjacent properties and neighboring properties.

The subject property is a 219,296 square-foot (5.03 acre) lot comprised of seven (7) contiguous parcels with a frontages along Avenue 34 and Pasadena Avenue. The subject property is currently developed with industrial and commercial uses and associated surface parking lot.

The land use and zoning within close proximity of the subject site are within commercial manufacturing, residential, urban center zoning district (as stipulated by the Cornfield/Arroyo Seco Specific Plan) and public facilities zones and are generally developed residential single-family, and commercial manufacturing structures. The property to the north abutting the site is zoned UC(CA) and is currently vacant. The properties to east, cross Pasadena Avenue are zoned [Q]RD2-1D, [Q]RD1.5-1D, [Q]PF-1D and [T][Q]CM-2D and are developed with commercial, educational, and multi-family residential uses. The properties to the south, across Avenue 34 are zoned UC(CA) and are improved with commercial and a single-family residential structure. The property to the west is zoned PF-1 and is developed with the Metro Gold Line light rail.

The proposed 519,829 square foot, five-story mixed-use building located on a 219,296 square foot lot is compatible with the existing and future surrounding developments. The project is within the allowable 3 to 1 FAR and provides the required setbacks as allowed by the RAS3 Zone. Additionally, the project will comply with transitional height

requirements in lieu of those found in LAMC 12.21.1-A,10 to ensure compatibility with the adjacent uses.

The proposed project is the construction, use, and maintenance of a new, five-story, 519,829 square-foot mixed use building with 468 dwelling units, including 66 dwelling units set aside for Very Low Income Households and two (2) levels of subterranean parking.

The project is designed as one (1) building which includes two (2) levels of subterrean parking across the entire site and with three (3) structures that include residential and commercial uses. The structures will be four (4) and five (5) stories tall with a total of 222 studio, 152 one-bedroom, and 94 two-bedroom dwelling units, and a total of 49,152 square feet of open space for residents.

The project also includes approximately 65,789 square feet of publicly accessible open space, that the general public will be able to access from Pasadena Avenue and Avenue 34. As part of the publicly accessible open space, the project will include a north-south pedestrian pathway as required by the associated "Q" Conditions.

The project will provide 287 residential automobile parking spaces located within two (2) subterranean levels. Twenty-four off-street parking spaces will be provided for the commercial space which will be located within the two (2) subterranean parking levels. Vehicular access to the proposed project will be provided via a driveway off of Avenue 34. All private residential parking spaces and the commercial parking spaces would be accessed via this driveway and will not be visible from the street.

The project will include pedestrian safety features such as pedestrian-activated crosswalk with in-pavement rapid flashing beacons or an equivalent system, striped crosswalk across Avenue 34 adjacent to the project site, striping on Avenue 34, installation of appropriate wayfinding and safety signage on Avenue 34 adjacent to the project site and on Artesian Street between Avenue 34 and Avenue 33.

Height, Bulk, and Setbacks

The project is zoned [T][Q]CM-2D and proposes a maximum height of 75 feet. The [T][Q]CM-2D zone does not have a maximum height limit.

The project has a maximum FAR of 3:1. The [T][Q]CM-2D zone has a maximum permitted FAR of 3:1 and 4.5:1 FAR permitted by the TOC Base Incentive.

The height, bulk, and setbacks of the subject project are consistent with the existing development in the immediate surrounding area and with the underlying [T][Q]CM-2D Zone. Therefore, in consideration of other existing and future development in the area, the project is consistent with the surrounding.

Parking

As an Eligible Housing Development in TOC Tier 3, the project is entitled to base incentives including providing ½ parking space per unit and a reduced number of commercial automobile parking spaces. The project will provide a total of 311 automobile parking spaces (287 residential automobile parking spaces and 24 commercial automobile parking spaces) and 264 long-term bicycle parking spaces. 35 short-term bicycle parking

stalls will be located within the building within close proximity to the commercial spaces and will be accessible from Pasadena Avenue and Avenue 34.

The proposed parking is located within the building and therefore will not be visible from the public right-of-way. Pedestrian access will be located from Pasadena Avenue and Avenue 34. Vehicular ingress and egress for the parking will be located on Avenue 34. Therefore, the parking facilities will be compatible with the existing and future developments in the neighborhoods.

Lighting

Lighting is required to be provided per LAMC requirements. The project proposes security lighting will be provided to illuminate building, entrances, walkways and parking areas. The project is required to provide outdoor lighting with shielding, so that the light source cannot be seen from adjacent residential properties. There, the lighting will be compatible with the existing and future developments in the neighborhood.

On-Site Landscaping

The project will provide approximately 49,152 square feet total of open space, which includes a 2,141 square foot interior amenity space on the ground floor of Building A, a 29,395 square foot south courtyard with a pool, spa and lounge areas, a 1,616 square foot interior amenity space on the ground floor of Building B, a 14,976 square foot north courtyard that includes lounge areas and community dinning space, a 1,024 interior amenity space on the ground floor of Building C. Additionally, the project includes 24,575 square feet of landscaped area distributed throughout the project. The project has been conditioned so that all open areas not used for buildings, driveways, parking areas, recreational facilities or walks will be attractively landscaped and maintained in accordance with a landscape plan, including an automatic irrigation plan, prepared by a licensed landscape architect. The planting of any required trees and street trees will be selected and installed per the Bureau of Street Services, Urban Forestry Divisions' requirements. Therefore, the on-site landscaping will be compatible with the existing and future developments in the neighborhood.

Loading/Trash Area

The development is not required to provide a loading area pursuant to LAMC Section 12.21-C,6. Waiting and drop areas for residents will be on the ground level. Tenants moving in or out of the building will be able to park moving trucks on the street level adjacent to the parking entrance and the lobby.

The project will include on-site trash collection for both refuse and recyclable materials, in conformance with the LAMC. Compliance with these regulations will allow the project to be compatible with existing and future development. The service area for trash and recycling collection will be conditioned to be located at grade level and accessible from the parking area. Additionally, service area for trash collection is to be located on all upper floors. Therefore, as proposed and conditioned, the project is compatible with existing and future development on neighboring properties.

As described above and as depicted within the plans and elevations submitted with the instant application, the project consists of a five-story, mixed-use building, with parking on-site for residents and commercial parking spaces, lighting, landscaping, trash

collection, and other pertinent improvements, that is compatible with existing and future development in the surrounding area.

7. Any residential project provides recreational and service amenities to improve habitability for its residents and minimize impacts on neighboring properties.

The project proposes provide a variety of unit types which includes: 222 studio units, 152 one-bedroom units, and 94 two-bedroom units. Pursuant to LAMC section 12.21-G, the project would be required to provide 49,150 square feet of open space. As approved, the project will provide 49,152 square feet of open space. The project provides approximately 49,152 square feet total of open space, which includes a 2,141 square foot interior amenity space on the ground floor of Building A, a 29,395 square foot south courtyard with a pool, spa and lounge areas, a 1,616 square foot interior amenity space on the ground floor of Building B, a 14,976 square foot north courtyard that includes lounge areas and community dinning space, a 1,024 interior amenity space on the ground floor of Building C. The project also provides 65,789 square feet of publicly accessible open space, which the general public will be able to access from Pasadena Avenue and Avenue 34. Additionally, the project includes 24,575 square feet of landscaped area distributed throughout the project.

ADDITIONAL MANDATORY FINDINGS

8. After consideration of the whole of the administrative record, the project was assessed in Mitigated Negative Declaration, No. ENV-2016-273-MND adopted on August 22, 2017; and pursuant to CEQA Guidelines 15162 and 15164, as supported by the addendum dated December 2019, no major revisions are required to the Mitigated Declaration; and no subsequent EIR or negative declaration is required for approval of the project.

9. The National Flood Insurance Program rate maps, which are a part of the Flood Hazard Management Specific Plan adopted by the City Council by Ordinance No. 172,081, have been reviewed and it has been determined that this project is located in Zone X, which is categorized as an area of minimal flood hazard.

TRANSIT ORIENTED COMMUNITIES AFFORDABLE HOUSING INCENTIVE PROGRAM BACKGROUND

Measure JJJ was adopted by the Los Angeles City Council on December 13, 2016. Section 6 of the Measure instructed the Department of City Planning to create the Transit Oriented Communities (TOC) Affordable Housing Incentive Program, a transit-based affordable housing incentive program. The measure required that the Department adopt a set of TOC Guidelines, which establish incentives for residential or mixed-use projects located within ½ mile of a major transit stop. Major transit stops are defined under existing State law.

The TOC Guidelines, adopted September 22, 2017, establish a tier-based system with varying development bonuses and incentives based on a project's distance from different types of transit. The largest bonuses are reserved for those areas in the closest proximity to significant rail stops or the intersection of major bus rapid transit lines. Required affordability levels are increased incrementally in each higher tier. The incentives provided in the TOC Guidelines describe the range of bonuses from particular zoning standards that applicants may select.

TIME LIMIT – OBSERVANCE OF CONDITIONS

All terms and conditions of the Director's Determination shall be fulfilled before the use may be established. Pursuant to LAMC Section 12.25-A,2, the instant authorization is further conditional upon the privileges being utilized within **three years** after the effective date of this determination and, if such privileges are not utilized, building permits are not issued, or substantial physical construction work is not begun within said time and carried on diligently so that building permits do not lapse, the authorization shall terminate and become void.

The applicant's attention is called to the fact that this grant is not a permit or license and that any permits and licenses required by law must be obtained from the proper public agency. Furthermore, if any condition of this grant is violated or not complied with, then the applicant or his successor in interest may be prosecuted for violating these conditions the same as for any violation of the requirements contained in the Municipal Code, or the approval may be revoked.

Verification of condition compliance with building plans and/or building permit applications are done at the Development Services Center of the Department of City Planning at either Figueroa Plaza in Downtown Los Angeles, West Los Angeles Development Services Center, or the Marvin Braude Constituent Service Center in the Valley. In order to assure that you receive service with a minimum amount of waiting, applicants are encouraged to schedule an appointment with the Development Services Center either by calling (213) 482-7077, (310) 231-2901, (818) 374-5050, or through the Department of City Planning website at http://cityplanning.lacity.org. The applicant is further advised to notify any consultant representing you of this requirement as well.

Section 11.00 of the LAMC states in part (m): "It shall be unlawful for any person to violate any provision or fail to comply with any of the requirements of this Code. Any person violating any of the provisions or failing to comply with any of the mandatory requirements of this Code shall be guilty of a misdemeanor unless that violation or failure is declared in that section to be an infraction. An infraction shall be tried and be punishable as provided in Section 19.6 of the Penal Code and the provisions of this section. Any violation of this Code that is designated as a misdemeanor may be charged by the City Attorney as either a misdemeanor or an infraction. Every violation of this determination is punishable as a misdemeanor unless provision is otherwise made, and shall be punishable by a fine of not more than $1,000 or by imprisonment in the County Jail for a period of not more than six months, or by both a fine and imprisonment."

TRANSFERABILITY

This determination runs with the land. In the event the property is to be sold, leased, rented or occupied by any person or corporation other than yourself, it is incumbent that you advise them regarding the conditions of this grant. If any portion of this approval is utilized, then all other conditions and requirements set forth herein become immediately operative and must be strictly observed.

APPEAL PERIOD - EFFECTIVE DATE

The Determination in this matter will become effective after June 26, 2020 unless an appeal there from is filed with the City Planning Department. It is strongly advised that appeals be filed early during the appeal period and in person so that imperfections/incompleteness may be corrected before the appeal period expires. Any appeal must be filed on the prescribed forms, accompanied by the required fee, a copy of this Determination, and received and receipted at a public office of the Department of City Planning on or before the above date or the appeal will not be accepted. Forms are available on-line at www.cityplanning.lacity.org.

Planning Department public offices are located at:

Figueroa Plaza	Marvin Braude San Fernando Valley Constituent Service Center	West Los Angeles Development Services Center
201 North Figueroa Street, 4th Floor	6262 Van Nuys Boulevard, Suite 251	1828 Sawtelle Boulevard, 2nd Floor
Los Angeles, CA 90012	Van Nuys, CA 91401	Los Angeles, CA 90025
(213) 482-7077	(818) 374-5050	(310) 231-2901

Pursuant to LAMC Section 12.22-A,25(f), only abutting property owners and tenants can appeal the Transit Oriented Communities Affordable Housing Incentive Program portion of this determination. Per the Density Bonus Provision of State Law (Government Code Section §65915) the Density Bonus increase in units above the base density zone limits and the appurtenant parking reductions are not a discretionary action and therefore cannot be appealed. Only the requested incentives are appealable. Per Section 12.22-A,25 of the LAMC, appeals of Density Bonus Compliance Review cases are heard by the City Planning Commission.

The time in which a party may seek judicial review of this determination is governed by California Code of Civil Procedures Section 1094.6. Under that provision, a petitioner may seek judicial review of any decision of the City pursuant to California Code of Civil Procedure Section 1094.5, only if the petition for writ of mandate pursuant to that section is filed no later than the 90th day following the date on which the City's decision becomes final.

Note of Instruction Regarding the Notice of Exemption: Applicant is hereby advised to file the Notice of Exemption for the associated categorical exemption after the issuance of this letter. If filed, the form shall be filed with the County of Los Angeles, 12400 Imperial Highway, Norwalk, CA 90650, pursuant to Public Resources Code Section 21152 (b). More information on the associated fees can be found online here: https://www.lavote.net/home/county-clerk/environmental-notices-fees. The best practice is to go in person and photograph the posted notice in order to ensure compliance. Pursuant to Public Resources Code Section 21167 (d), the filing of this notice of exemption starts a 35-day statute of limitations on court challenges to the approval of the project. Failure to file this notice with the County Clerk results in the statute of limitations, **and the possibility of a CEQA appeal**, being extended to 180 days.

Vincent P. Bertoni, AICP
Director of Planning

Approved by:

Nicholas Hendricks, Senior City Planner

Reviewed by:

Oliver Netburn, City Planner

Prepared by:

Michelle Carter, City Planning Associate
michelle.carter@lacity.org

Attachments:
Exhibit A: Architectural Plans

Exhibit C

Project Plans

EXHIBIT "A"
Page No. 1 of 22
Case No. DIR-2019-6048-TOC-SPR-WDI

SHEET INDEX

ARCHITECTURAL		LANDSCAPE	
G000	COVER SHEET	L100	OVERALL LANDSCAPE PLAN
G001	PROJECT INFORMATION	L300	PLANT PALETTE
G020	FAR CALCULATIONS		
G021	OPEN SPACE CALCULATIONS		
G080	SITE SURVEY		
G081	SITE SURVEY		
A000	PLOT PLAN		
A100	OVERALL LEVEL P2 PLAN		
A101	OVERALL LEVEL P1 PLAN		
A110	OVERALL FIRST FLOOR PLAN		
A120	OVERALL SECOND FLOOR PLAN		
A130	OVERALL THIRD FLOOR PLAN		
A140	OVERALL FOURTH FLOOR PLAN		
A150	OVERALL FIFTH FLOOR PLAN		
A160	OVERALL ROOF PLAN		
A200	NORTH/SOUTH ELEVATION		
A201	EAST/WEST ELEVATIONS		
A300	BUILDING SECTIONS		
A600	ENLARGED PLANS - UNITS		
A601	ENLARGED PLANS - UNITS		

KFA
3573 HAYDEN AVENUE
CULVER CITY, CA 90232
310.399.7975
KFALOSANGELES.COM

AVENUE 34

SITE PLAN REVIEW
135-153 WEST AVENUE 34
LOS ANGELES, CA

R CAP AVENUE 34, LLC
949 S HOPE ST, SUITE 100
LOS ANGELES, CA 90015

THIS DRAWING AND THE INFORMATION CONTAINED HEREIN ARE THE COPYRIGHTED WORK OF KELLETER FLEMMING ARCHITECTS AND MAY NOT BE REPRODUCED WITHOUT WRITTEN PERMISSION.

SUBMITTAL:
SITE PLAN REVIEW

JOB NUMBER:
19015

DATE:
10.02.19

REVISIONS:

SHEET TITLE:
COVER SHEET

SHEET NUMBER:
G000

10/2/19 6:26:38 PM

ARCHITECTURAL SYMBOLS

DETAIL (1 / A101)

BUILDING SECTION (1 / A101)

WALL SECTION (1 / A101)

INTERIOR ELEVATION (A / A900 / B / C / D)

EXTERIOR ELEVATION (1 / A101)

ELEVATION MARK

WINDOW MARK (KK)

DOOR MARK (222.2)

WALL TYPE (1)

WORK POINT (WPT)

NOTE (01)

ACCESSIBLE PATH OF TRAVEL

FENCE

EXIT SIGN

ALIGN FINISHES

SMOKE DETECTOR (SD)

FIRE EXTINGUISHER (FE)

AREA DRAIN (AD)

FLOOR DRAIN (FD)

FLOOR MATERIAL TRANSITION (FMC)

SECURITY OPENING

ARCHITECTURAL ABBREVIATIONS

@	AT	FG	FINISH GRADE	OH	OVERHEAD
Ø	DIAMETER	FIN	FINISH	OPNG	OPENING
		FLR	FLOOR		
AB	ANCHOR BOLT	FJ	FLOOR JOIST	℄	PROPERTY LINE
A/C	AIR CONDITIONING	FMC	FLOOR MATERIAL CHANGE	PERF	PERFORATED
AC	ASPHALT CONCRETE	FO	FACE OF...	PIP	PROTECT IN PLACE
ACT	ACOUSTIC CEILING TILE	FOC	FACE OF CONCRETE	PLAM	PLASTIC LAMINATE
ADA	AMERICANS WITH DISABILITIES ACT	FOF	FACE OF FINISH	POC	POINT OF CONNECTION
ADJ	ADJACENT	FOM	FACE OF MASONRY	PRT	PRESSURE TREATED
AFF	ABOVE FINISH FLOOR	FOGS	FACE OF GYPSUM SHEATHING	PT	PAINT
ALT	ALTERNATE	FOSS	FACE OF STRUCTURAL SHEATHING	PTD	PAINTED
ALUM	ALUMINUM	FOS	FACE OF STUD		
APPROX	APPROXIMATELY	FR	FIRE RESISTANT	QTY	QUANTITY
ARCH	ARCHITECT, ARCHITECTURAL	FS	FINISH SURFACE		
				R	RADIUS or RISER
BD	BOARD	Ga	GAUGE	RCP	REFLECTED CEILING PLAN
BF	BRACE FRAME	GALV	GALVANIZED	RD	ROOF DRAIN
BLK	BLOCK	GB	GRAB BAR	REF	REFRIGERATOR
BM	BEAM	GC	GENERAL CONTRACTOR	REQ'D	REQUIRED
BTWN	BETWEEN	GYP BD	GYPSUM BOARD	REV	REVISION or REVISED
BUR	BUILT-UP ROOF			RJ	ROOF JOIST
		HB	HOSE BIBB	RM	ROOM
CAB	CABINET	HC	HOLLOW CORE	ROW	RIGHT OF WAY
CIP	CAST-IN-PLACE	HCW	HOLLOW CORE WOOD		
CJ	CEILING JOIST	HDR	HEADER	SC	SOLID CORE
℄	CENTER LINE	HM	HOLLOW METAL	SCW	SOLID CORE WOOD
CL	CLOSET	HR	HANDRAIL	SEC	SECTION
CLF	CHAIN LINK FENCE	HSS	HIGH STREGTH STEEL	SF	SQUARE FEET
CLG	CEILING	HT	HEIGHT	SHT	SHEET
CLR	CLEAR			SHTG	SHEATHING
CMU	CONCRETE MASONRY UNIT	INS	INSULATION	SIM	SIMILAR
COL	COLUMN	INT	INTERIOR	SL	SLOPE
CONC	CONCRETE			SPEC	SPECIFICATION(S)
CONNX	CONNECTION	JST	JOIST	ST STL	STAINLESS STEEL
CONST	CONSTRUCTION			STD	STANDARD
CONT	CONTINUOUS	LAM	LAMINATE	STL	STEEL
CONTR	CONTRACTOR	LAV	LAVATORY	STRUCT	STRUCTURAL
COORD	COORDINATE	LIN	LINOLEUM		
CPT	CARPET			TBD	TO BE DETERMINED
CRS	COURSES	MAX	MAXIMUM	TH	THRESHOLD
CT	CERAMIC TILE	MECH	MECHANICAL	THK	THICK
		MFR	MANUFACTURER	TJ	TRUSS JOIST
(D)	DEMOLISH	MIN	MINIMUM	TO	TOP OF
DAS	DISABLED ACCESS	MISC	MISCELLANEOUS	TOC	TOP OF CONCRETE
DBL	DOUBLE	MO	MASONRY OPENING	TOP	TOP OF PLATE
DET	DETAIL	MOD	MODIFY	TOPO	TOPOGRAPHY
DIA	DIAMETER	MR	MOISTURE RESISTANT	TOS	TOP OF SLAB
DIM	DIMENSION	MTD	MOUNTED	TOSHTG	TOP OF SHEATHING
DN	DOWN	MTL	METAL	TOW	TOP OF WALL
DS	DOWNSPOUT			TR	TREAD
DWG	DRAWING	N	NOTE	TYP	TYPICAL
		(N)	NEW		
(E)	EXISTING	NIC	NOT IN CONTRACT	UNO	UNLESS NOTED OTHERWISE
ELECT	ELECTRICAL	NTS	NOT TO SCALE		
ELEV	ELEVATOR			VCT	VINYL COMPOSITION TILE
ENGR	ENGINEER, ENGINEERING	OC	ON CENTER	VERT	VERTICAL
EOS	EDGE OF SLAB	OFCI	OWNER FURNISHED-CONTRACTOR INSTALLED	VIF	VERIFY IN FIELD
EQ	EQUAL				
EXT	EXTERIOR	OFOI	OWNER FURNISHED-OWNER INSTALLED	W/	WITH
				WC	WATER CLOSET
FAB	FABRICATE	OFVI	OWNER FURNISHED-VENDOR INSTALLED	WD	WOOD
FE	FIRE EXTINGUISHER			WH	WATER HEATER
FF	FINISH FLOOR			WP	WATERPROOF
				WPT	WORK POINT

UNIT COUNT PER BUILDING

PHASE 1

BUILDING	LEVEL	Name	UNIT TYPE	QUANTITY
A	1ST FLOOR	STUDIO	TYPE A	3
A	2ND FLOOR	STUDIO	TYPE A	3
A	3RD FLOOR	STUDIO	TYPE A	3
A	4TH FLOOR	STUDIO	TYPE A	3
				12
A	1ST FLOOR	STUDIO	TYPE B	14
A	2ND FLOOR	STUDIO	TYPE B	15
A	3RD FLOOR	STUDIO	TYPE B	20
A	4TH FLOOR	STUDIO	TYPE B	20
				69
A	2ND FLOOR	1 BR	TYPE C2	1
A	3RD FLOOR	1 BR	TYPE C2	1
A	4TH FLOOR	1 BR	TYPE C2	1
				3
A	1ST FLOOR	1 BR	TYPE D	7
A	2ND FLOOR	1 BR	TYPE D	7
A	3RD FLOOR	1 BR	TYPE D	10
A	4TH FLOOR	1 BR	TYPE D	10
				34
A	1ST FLOOR	2 BR	TYPE F	7
A	2ND FLOOR	2 BR	TYPE F	7
A	3RD FLOOR	2 BR	TYPE F	9
A	4TH FLOOR	2 BR	TYPE F	9
				32
A	1ST FLOOR	2 BR	TYPE H	2
				2
A	2ND FLOOR	2 BR	TYPE J	2
A	3RD FLOOR	2 BR	TYPE J	2
A	4TH FLOOR	2 BR	TYPE J	2
				6
A	3RD FLOOR	2 BR	TYPE K	2
A	4TH FLOOR	2 BR	TYPE K	2
				4
A	3RD FLOOR	2 BR	TYPE L	1
A	4TH FLOOR	2 BR	TYPE L	1
				2
A				164
B	1ST FLOOR	STUDIO	TYPE A	8
B	2ND FLOOR	STUDIO	TYPE A	7
B	3RD FLOOR	STUDIO	TYPE A	8
B	4TH FLOOR	STUDIO	TYPE A	8
				31
B	1ST FLOOR	STUDIO	TYPE B	10
B	2ND FLOOR	STUDIO	TYPE B	10
B	3RD FLOOR	STUDIO	TYPE B	13
B	4TH FLOOR	STUDIO	TYPE B	13
				46
B	1ST FLOOR	1 BR	TYPE C	1
B	2ND FLOOR	1 BR	TYPE C	1
B	3RD FLOOR	1 BR	TYPE C	4
B	4TH FLOOR	1 BR	TYPE C	3
				9
B	1ST FLOOR	1 BR	TYPE D	10
B	2ND FLOOR	1 BR	TYPE D	11
B	3RD FLOOR	1 BR	TYPE D	14
B	4TH FLOOR	1 BR	TYPE D	15
				50
B	1ST FLOOR	2 BR	TYPE F	1
B	2ND FLOOR	2 BR	TYPE F	1
B	3RD FLOOR	2 BR	TYPE F	1
B	4TH FLOOR	2 BR	TYPE F	1
				4
B	3RD FLOOR	2 BR	TYPE G	1
B	4TH FLOOR	2 BR	TYPE G	1
				2
B	1ST FLOOR	2 BR	TYPE K	2
B	2ND FLOOR	2 BR	TYPE K	2
B	3RD FLOOR	2 BR	TYPE K	4
B	4TH FLOOR	2 BR	TYPE K	2
				10
B				152

PHASE 1 TOTAL UNITS = 316

PHASE 2

C	1ST FLOOR	STUDIO	TYPE A	1
C	5TH FLOOR	STUDIO	TYPE A	1
				2
C	1ST FLOOR	STUDIO	TYPE B	10
C	2ND FLOOR	STUDIO	TYPE B	10
C	3RD FLOOR	STUDIO	TYPE B	15
C	4TH FLOOR	STUDIO	TYPE B	15
C	5TH FLOOR	STUDIO	TYPE B	12
				62
C	1ST FLOOR	1 BR	TYPE C	2
C	2ND FLOOR	1 BR	TYPE C	3
C	3RD FLOOR	1 BR	TYPE C	2
C	4TH FLOOR	1 BR	TYPE C	2
C	5TH FLOOR	1 BR	TYPE C	2
				11
C	1ST FLOOR	1 BR	TYPE D	5
C	2ND FLOOR	1 BR	TYPE D	5
C	3RD FLOOR	1 BR	TYPE D	11
C	4TH FLOOR	1 BR	TYPE D	11
C	5TH FLOOR	1 BR	TYPE D	9
				41
C	2ND FLOOR	1 BR	TYPE E	1
C	3RD FLOOR	1 BR	TYPE E	1
C	4TH FLOOR	1 BR	TYPE E	1
C	5TH FLOOR	1 BR	TYPE E	1
				4
C	1ST FLOOR	2 BR	TYPE F	3
C	2ND FLOOR	2 BR	TYPE F	3
C	3RD FLOOR	2 BR	TYPE F	4
C	4TH FLOOR	2 BR	TYPE F	4
C	5TH FLOOR	2 BR	TYPE F	4
				18
C	1ST FLOOR	2 BR	TYPE H	2
				2
C	2ND FLOOR	2 BR	TYPE J	2
C	3RD FLOOR	2 BR	TYPE J	2
C	4TH FLOOR	2 BR	TYPE J	2
				6
C	3RD FLOOR	2 BR	TYPE K	2
C	4TH FLOOR	2 BR	TYPE K	2
C	5TH FLOOR	2 BR	TYPE K	2
				6
C				152
Grand total				468

PHASE 2 TOTAL UNITS = 152

EXHIBIT "A"
Page No. 2 of 22
Case No. DIR-2019-6048-TOC-SPR-WDI

REQUIRED AUTOMOBILE PARKING

0.5 SPACE REQUIRED PER UNIT PER TOC

PHASE 1 - REQUIRED RESIDENTIAL PARKING
STUDIOS = 158 X 0.5 = 79
1 BEDROOMS = 96 X 0.5 = 48
2 BEDROOMS = 62 X 0.5 = 31
TOTAL REQ'D PARKING = 158 SPACES

PHASE 2 - REQUIRED RESIDENTIAL PARKING
STUDIOS = 64 X 0.5 = 32
1 BEDROOMS = 56 X 0.5 = 28
2 BEDROOMS = 32 x 0.5 = 16
TOTAL REQ'D PARKING = 76 SPACES

TOTAL REQUIRED RESIDENTIAL PARKING = 234 SPACES

PARKING REQUIRED COMMERCIAL

NAME	SF	REQ'D PARKING STALLS
PHASE 1 - RETAIL A	5,475 SF	08
PHASE 1 - RETAIL B	5,580 SF	08
PHASE 2 - RETAIL C	5,340 SF	08
Grand total: 3	16,395 SF	24

ENTRPRISE ZONE = 1 STALL PER 500 SF
16,395/500 = 33 spaces
TOC Tier 3 = 30% reduction in non-residential parking
33 x 0.70 = 24 required commercial parking spaces
PHASE 1 REQUIRED RETAIL PARKING = 16 SPACES
PHASE 2 REQUIRED RETAIL PARKING = 8 SPACES

PROPOSED AUTOMOBILE PARKING

PARKING SCHEDULE (PER USE)

COMMERCIAL	24
RESIDENTIAL	*287
	*311

PARKING SCHEDULE (PER LEVEL)

LEVEL P1	
(1) STANDARD	
COMMERCIAL	22
RESIDENTIAL	97
(2) COMPACT	
RESIDENTIAL	3
(3) ACCESSIBLE	
COMMERCIAL	2
RESIDENTIAL	14
LEVEL P1	138
LEVEL P2	
(1) STANDARD	
RESIDENTIAL	170
(2) COMPACT	
RESIDENTIAL	3
LEVEL P2	173
GRAND TOTAL	311

***53 NON-REQUIRED RESIDENTIAL SPACES PROVIDED**
ALL PARKING PROVIDED IN PHASE 1, THEREFORE 53 NON-REQUIRED RESIDENTIAL PARKING SPACES + 8 NON-REQUIRED RETAIL PARKING SPACES PROVIDED IN PHASE 1

BICYCLE PARKING

PHASE 1 REQUIRED RESIDENTIAL BIKE PARKING
LONG-TERM:
UNITS 1-25 = 1 PER UNIT = 25/1 = 25 SPACES
UNITS 26-100 = 1 PER 1.5 UNIT = 75/1.5 = 50 SPACES
UNITS 101-200 = 1 PER 2 UNITS = 100/2 = 50 SPACES
UNITS 201-468 = 1 PER 4 UNITS = 114/4 = 28.5 SPACES
= 154 SPACES REQUIRED
SHORT-TERM:
UNITS 1-25 = 1 PER 10 UNITS = 25/10 = 2.5 SPACES
UNITS 26-100 = 1 PER 15 UNITS = 75/15 = 5 SPACES
UNITS 101-200 = 1 PER 20 UNITS = 100/20 = 5 SPACE
UNITS 201-468 = 1 PER 40 UNITS = 114/40 = 2.9 SPACES
= 16 SPACES REQUIRED

PHASE 2 REQUIRED RESIDENTIAL BIKE PARKING
LONG-TERM:
UNITS 1-25 = 1 PER UNIT = 25/1 = 25 SPACES
UNITS 26-100 = 1 PER 1.5 UNIT = 75/1.5 = 50 SPACES
UNITS 101-200 = 1 PER 2 UNITS = 52/2 = 26 SPACES
= 101 SPACES REQUIRED
SHORT-TERM:
UNITS 1-25 = 1 PER 10 UNITS = 25/10 = 2.5 SPACES
UNITS 26-100 = 1 PER 15 UNITS = 75/15 = 5 SPACES
UNITS 101-200 = 1 PER 20 UNITS = 52/20 = 2.6 SPACE
= 10 SPACES REQUIRED

PROVIDED RESIDENTIAL BIKE PARKING
LONG-TERM: 255 SPACES PROVIDED
SHORT-TERM: 26 SPACES PROVIDED

PHASE 1 - REQUIRED COMMERCIAL BIKE PARKING
LONG-TERM:
1 PER 2,000 SF = 11,055/2,000 = 5.5 = 6 SPACES REQUIRED
SHORT-TERM:
1 PER 2,000 SF = 11,055/2,000 = 5.5 = 6 SPACES REQUIRED

PHASE 2 - REQUIRED COMMERCIAL BIKE PARKING
LONG-TERM:
1 PER 2,000 SF = 5,340/2,000 = 2.7 = 3 SPACES REQUIRED
SHORT-TERM:
1 PER 2,000 SF = 5,340/2,000 = 2.7 = 3 SPACES REQUIRED

PROVIDED COMMERCIAL BIKE PARKING
LONG-TERM: 9 SPACES PROVIDED
SHORT-TERM: 9 SPACES PROVIDED

REQUIRED OPEN SPACE

OPEN SPACE REQUIREMENTS PER LAMC 12.21 G:
- 100 SF/UNIT < 3 HABITABLE ROOMS (STUDIO & 1 BEDROOM UNITS)
- 125 SF/UNIT = 3 HABITABLE ROOMS (2 BEDROOM UNITS)
- 175 SF/UNIT > 3 HABITABLE ROOMS (3 BR UNITS)

NOTE:
1. A KITCHEN IS NOT CONSIDERED A HABITABLE ROOM FOR PURPOSES OF CALCULATING OPEN SPACE.

PERCENT OF LANDSCAPED OPEN SPACE
LANDSCAPED OPEN 50% = 24,575 SF

TREES - REQUIRED: 219 TREES
TREES PROVIDED: 219 TREES *(SEE LANDSCAPE DWGS.)*

PHASE 1 - REQUIRED OPEN SPACE
STUDIOS = 158 X 100 SF = 15,800 SF
1 BEDROOMS = 96 X 100 SF = 9,600 SF
2 BEDROOMS = 62 X 125 SF = 7,750 SF
TOTAL REQ'D = 33,150 SF

PHASE 2 - REQUIRED RESIDENTIAL PARKING
STUDIOS = 64 X 100 = 6,400 SF
1 BEDROOMS = 56 X 100 = 5,600 SF
2 BEDROOMS = 32 x 125 = 4,000 SF
TOTAL REQ'D PARKING = 16,000 SF

TOTAL REQUIRED RESIDENTIAL OPEN SPACE = 49,150 SF

PUBLICLY ACCESSIBLE OPEN SPACE

1. PER Q CONDITION, A MINIMUM OF 30% OF THE SUBAREA SHALL BE DEVOTED TO PUBLICLY ACCESSIBLE OPEN SPACE AND PEDESTRIAN PATHS THAT SHALL BE ACCESSIBLE BEGINNING AT DAWN AND ENDING AT DUSK OR CLOSE OF ON-SITE BUSINESSES, WHICHEVER OCCURS LATER.
2. A MINIMUM OF 75% OF ALL USABLE OUTDOOR PUBLIC SPACE SHALL BE LOCATED AT GROUND LEVEL AND SHALL BE DIRECTLY ACCESSIBLE TO THE GENERAL PUBLIC FROM PASADENA AVENUE AND/OR AVENUE 34.
3. A MINIMUM OF 20 PERCENT OF EACH COURTYARD SHALL CONSIST OF PLANTED GROUND COVER, SHRUBS, TREES, WATER FEATURES OR PERMANENT PLANTER BOXES.
4. THERE SHALL BE AN EAST/WEST AND A NORTH/SOUTH PEDESTRIAN PATH THROUGH SUBAREA 4.
5. THE PATHS SHALL BE ALIGNED THROUGH THE MIDPOINT OF SUBAREA 4 AND CROSS EACH OTHER AT A PERPENDICULAR ANGLE.
6. THE REQUIRED PEDESTRIAN PATHS SHALL BE A MINIMUM OF 16FEET IN WIDTH AND MAY INCLUDE UP TO 2FEET OF LANDSCAPING ON EACH SIDE.

SITE AREA = 219,296 SF
REQ'D PUBLICLY ACCESSIBLE OPEN SPACE = 219,296 SF x 0.30 = 65,789 SF

PUBLICLY OPEN SPACE PROVIDED

Name	Area
PUBLICLY ACCESSIBLE OPEN SPACE	65789 SF
	65789 SF

UNIT COUNT

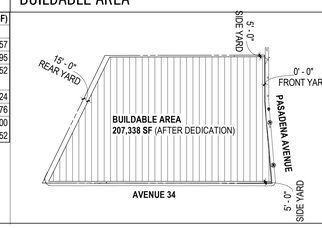
PHASE 1
STUDIOS = 158
1 BEDROOMS = 96
2 BEDROOMS = 62
TOTAL UNITS = 316

PHASE 2
STUDIOS = 64
1 BEDROOMS = 56
2 BEDROOMS = 32
TOTAL UNITS = 152

PROPOSED OPEN SPACE

NAME	LEVEL	AREA (SF)
PHASE 1		
COMMON OPEN SPACE: INTERIOR AMENITY - PHASE 1	1ST FLOOR	3757
COMMON OPEN SPACE: SOUTH COURTYARD - PHASE 1	1ST FLOOR	29395
		33152
PHASE 2		
COMMON OPEN SPACE: INTERIOR AMENITY - PHASE 2	1ST FLOOR	1024
COMMON OPEN SPACE: NORTH COURTYARD - PHASE 2	1ST FLOOR	14976
		16000
GRAND TOTAL		49152

BUILDABLE AREA



BUILDING CODES USED

2016 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C.R. AND AMENDMENTS

2016 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 C.C.R. AND AMENDMENTS

2016 CALIFORNIA MECHANICAL CODE (CMC). PART 4, TITLE 24, C.C.R. AND AMENDMENTS

2016 CALIFORNIA PLUMBING CODE (CPC). PART 5, TITLE 24, C.C.R. AND AMENDMENTS

2016 CALIFORNIA FIRE CODE (CFC), PART 9, TITLE 24, C.C.R. AND AMENDMENTS

2010 CALIFORNIA REFERENCED STANDARDS CODE, PART 12, TITLE 24 C.C.R.

2016 CALIFORNIA GREEN BUILDING CODE, TITLE 24, PART 6

FLOOR AREA RATIO

LOT AREA PER ZIMAS
LOT AREA:
219,296 SF
BUILDABLE AREA
(BASED ON A 1-STORY RESIDENTIAL BUILDING):
207,338 SF
MULTIPLIER:
4.5:1
FAR ALLOWED:
4.5:1 PER TOC TIER 3 INCENTIVES
= BUILDABLE AREA X MULTIPLIER
= 207,338 SF X 3.75 = 933,021 SF

PROPOSED FAR:
519,829 SF/207,338 SF
= 2.51:1

MEASUREMENT PER LAMC 12.03:
AREA IN SQUARE FEET CONFINED WITHIN THE EXTERIOR WALLS OF A BUILDING, BUT NOT INCLUDING THE AREA OF THE FOLLOWING: EXTERIOR WALLS, STAIRWAYS, SHAFTS, ROOMS HOUSING BUILDING EQUIPMENT OR MACHINERY, PARKING AREAS WITH ASSOCIATED DRIVEWAYS AND RAMPS, SPACE FOR THE LANDING AND STORAGE OF HELICOPTERS, AND BASEMENT STORAGE AREAS.

BUILDING	LEVEL	AREA (SF)
COMMERCIAL FLOOR AREA		
A - PHASE 1	1ST FLOOR	3960
A - PHASE 1		3960
B - PHASE 1	1ST FLOOR	3424
B - PHASE 1		3424
C - PHASE 2	1ST FLOOR	4042
C - PHASE 2		4042
COMMERCIAL FLOOR AREA		11426

BUILDING	LEVEL	AREA (SF)
RESIDENTIAL FLOOR AREA		
A - PHASE 1	1ST FLOOR	7701
A - PHASE 1	1ST FLOOR	48042
A - PHASE 1	2ND FLOOR	31241
A - PHASE 1	3RD FLOOR	43119
A - PHASE 1	4TH FLOOR	42060
A - PHASE 1	5TH FLOOR	4187
A - PHASE 1		176350
B - PHASE 1	1ST FLOOR	7030
B - PHASE 1	1ST FLOOR	39524
B - PHASE 1	2ND FLOOR	25385
B - PHASE 1	3RD FLOOR	38527
B - PHASE 1	4TH FLOOR	38534
B - PHASE 1		149000
C - PHASE 2	1ST FLOOR	6033
C - PHASE 2	1ST FLOOR	49531
C - PHASE 2	Mezzanine	3101
C - PHASE 2	2ND FLOOR	23092
C - PHASE 2	3RD FLOOR	33614
C - PHASE 2	4TH FLOOR	32548
C - PHASE 2	5TH FLOOR	30061
C - PHASE 2		177980
RESIDENTIAL FLOOR AREA		503330
GRAND TOTAL		514756

LEGAL DESCRIPTION

THE LAND REFERRED TO HEREIN BELOW IS SITUATED IN THE COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, AND IS DESCRIBED AS FOLLOWS:

PARCEL 1:
PARCEL A, IN THE CITY OF LOS ANGELES, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, AS SHOWN ON PARCEL MAP L.A. NO. 541, FILED IN BOOK 5, PAGE 85 OF PARCEL MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY. EXCEPT FROM THAT PORTION OF SAID LAND INCLUDED WITHIN THE LINES OF THE LAND DESCRIBED AS PARCEL 1 IN DEED RECORDED JUNE 11, 1954 IN BOOK 44787, PAGE 225, OFFICIAL RECORDS ALL OIL, GAS, MINERALS AND OTHER HYDROCRABON SUBSTANCES LYING BELOW THE SURFACE OF SIAD LAND, BUT WITH NO RIGHT OF SURFACE ENTRY, AS PROVIDED IN DEED BOTH RECORDED SEPTEMBER 17, Y1951 IN BOOK 37217, PAGE 371 AND IN BOOK 37217, PAGE 275 OF OFFICIAL RECORDS. ALSO, EXCEPT FROM THAT PORTION OF SAID LAND INCLUDED WITHIN THE LINES OF THE LAND DESCRIBED IN DEED RECORDED AUGUST 22, 1941 IN BOOK 18660, PAGE 227 OFFICIAL RECORDS ALL COAL, OIL AND OIL INORGANIC SUBSTANCES INCLUDING OIL AND NATURAL GAS TOGETHER WITH THE EXCLUSIVE AND PERPETUAL RIGHT TO REMOVE ANY AND ALL SUCH SUBSTANCES AT WITHOUT THE RIGHT TO USE ANY SURFACE OF SIAD LAND, AS RESERVED BY LOS ANGELES AND SALT LAKE RAILROAD COMPANY, ET AL, IN SAID DEED LAST ABOVE MENTIONED.

PARCEL 2:
LOT 62 AND THOSE PORTIONS OF LOTS 64 AND 65 OF WHITTAKER RICHARDSON AND ERNEST SUBDIVISION OF LOTS 2, AND 3 GRIFFIN TRACT, IN THE CITY OF LOS ANGELES, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, AS PER MAP RECORDED IN BOOK 10, PAGE 2 OF MISCELLANEOUS RECORDS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY, LYING TERMINAL RAILWAY COMPANY, RECORDED IN OCTOBER 20, 1898 AS INSTRUMENT NOS. 33 AND 34, IN BOOK 1261, PAGE 1 OF DEEDS AND IN BOOK 1358, PAGE 98 OF DEEDS RESPECTIVELY OF SAID COUNTY.

PARCEL 3:
LOT 61 OF THE WHITTAKER RICHARDSON AND ERNEST SUBDIVISION, EAST LOS ANGELES OF GRIFFIN ARROYO LOTS 2 AND 3, IN THE CITY OF LOS ANGELES, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, AS PER MAP RECORDED IN BOOK 10, PAGE 2 OF MISCELLANEOUS RECORDS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY.

PARCEL 4:
PARCEL B, IN THE CITY OF LOS ANGELES, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, AS SHOWN ON PARCEL MAP NO. 541, FILED IN BOOK 5, PAGE 85 OF PARCEL MAPS, IN THE OFFICE OF THE COUNTRY RECORDER OF SAID COUNTY. EXCEPT FROM SAID LAND, ALL OIL GAS, MINERALS AND OTHER HYDROCARBON SUBSTANCES LYING BELOW THE SURFACE OF SAID LAND, BUT WITH NO RIGHT OF SURFACE ENTRY, AS PROVIDED IN DEED RECORDED SEPTEMBER 17, 1951 IN BOOK 37217, PAGE 371 AND IN BOOK 37217, PAGE 275, BOTH OF OFFICIAL RECORDS AND JUNE 11, 1954 IN BOOK 44787, PAGE 255 OF OFFICIAL RECORDS.
ALSO, EXCEPT ALL COAL, OIL AND OIL INORGANIC SUBSTANCES OIL AND NATURAL GAS IN THAT PORTION OF SAID LAND, INCLUDED IN THE LAND DESCRIBED IN THE DEED RECORDED AUGUST 22, 1941 IN BOOK 18660, PAGE 227, OFFICIAL RECORDS.

PARCEL 5:
LOT 3 OF TRACT NO. 23801, IN THE CITY OF LOS ANGELES, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, AS PER MAP RECORDED IN BOOK 582, PAGES 49 AND 50 OF MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY.

APN: 5205-004-003, 005, 007, AND 011

THE ABOVE DESCRIBED PARCEL IS THE SAME LAND DESCRIBED IN CHICAGO TITLE COMPANY, ORDER NO. 00033686-994-X59, AND EFFECTIVE DATE OF JANUARY 12, 2015.

TOC TIER 3

BASE INCENTIVES

DENSITY: 70% INCREASE

FAR: 4.5:1

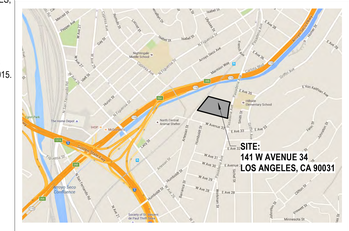
PARKING: 0.5 SPACE / UNIT

AFFORDABLE HOUSING:

REQUIRED: 14% (66 UNITS) OF VERY LOW INCOME RESTRICTED AFFORDABLE UNITS.

PROVIDED: 66 UNITS OF VERY LOW INCOME RESTRICTED AFFORDABLE UNITS.

VICINITY MAP



PROJECT INFORMATION

PROJECT NAME:	AVENUE 34
ADDRESS:	123-167 W AVENUE 34, 3401-3437 N PASADENA AVE LOS ANGELES, CA 90031
OWNER:	ED 1125, LLC
APPLICANT	R CAP AVENUE 34, LLC
PROJECT DESCRIPTION:	PROPOSED NEW RETAIL, 468 APARTMENT UNITS & 2 LEVELS OF SUBTERRANEAN PARKING.
WDI REQUEST:	WAIVE ALL DEDICATION AND/OR IMPROVEMENT REQUIREMENTS INCLUDING, BUT NOT LIMITED TO: 5 FT DEDICATION ALONG AVENUE 34; 3 FT WIDENING ALONG AVENUE 34, AND A 15 FT BY 15 FT CHAMFER OR 20 FT RADIUS CORNER CUT ALONG NORTHWEST INTERSECTION OF AVENUE 34 AND PASADENA AVENUE
CONSTRUCTION TYPE:	TYPE IIIA + TYPE VA OVER TYPE IA PODIUM NEW CONSTRUCTION WITH 2 LEVELS TYPE IA SUBTERRANEAN
FLOOD ZONE:	X
SITE AREA:	219,296 SF PER ZIMAS
OCCUPANCY TYPE:	S-2 PARKING GARAGE R-2 RESIDENTIAL M MERCANTILE

UNITS PROPOSED:	PHASE 1 = 316 UNITS PHASE 2 = 152 UNITS TOTAL = 468 UNITS
ALLOWABLE BLDG HEIGHT:	UNLIMITED
PROPOSED BLDG HEIGHT:	73' - 0" TRANSITIONAL HEIGHT INCENTIVE PER TOC GUIDELINES SECTION VII.g.ii.
SETBACKS:	FRONT - 0'-0" 5'-0" @ 3RD FLOOR *(PER 1 CONDITION)* 10'-0" @ 5TH FLOOR *(PER 1 CONDITION)* SIDE - 5'-0"+1'-0" *FOR EVERY STORY ABOVE 2ND* **8'-0" TOTAL SIDE YARDS** REDUCED SIDE YARD RAS3 SETBACK PER TOC GUIDELINES SECTION VII.A.i. REAR - 15'-0"+1'-0" *FOR EVERY STORY ABOVE 3RD* **17'-0" TOTAL REAR YARD**

PROJECT TEAM

OWNER
ED1125, LLC
141 W. AVENUE 34
LOS ANGELES, CA 90031

APPLICANT:
R CAP AVENUE 34, LLC
949 S. HOPE STREET
SUITE 100
LOS ANGELES, CA 90015

ARCHITECT
KFA, LLP
3573 HAYDEN AVENUE
CULVER CITY, CA 90232
310.399.7975
KRISTYN COSGROVE

LANDSCAPE ARCHITECT
AHBE / MIG
617 W. 7TH STREET
SUITE 304
LOS ANGELES, CA 90017
213.694.3800
CALVIN R. ABE, FASLA, RLA

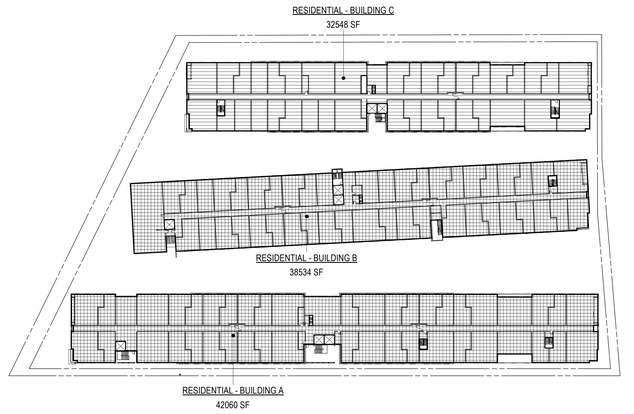
CIVIL ENGINEER
KIMLEY HORN
660 SOUTH FIGUEROA STREET
SUITE 2050
LOS ANGELES, CA 90017
213.261.4040
MICHAEL CHOI, P.E., LEED AP

STRUCTURAL ENGINEER
HOLMES STRUCTURES
523 WEST 6TH STREET
SUITE 1122
LOS ANGELES, CA 90014
213.481.5630
NINA MAHJOUB, P.E., LEED AP

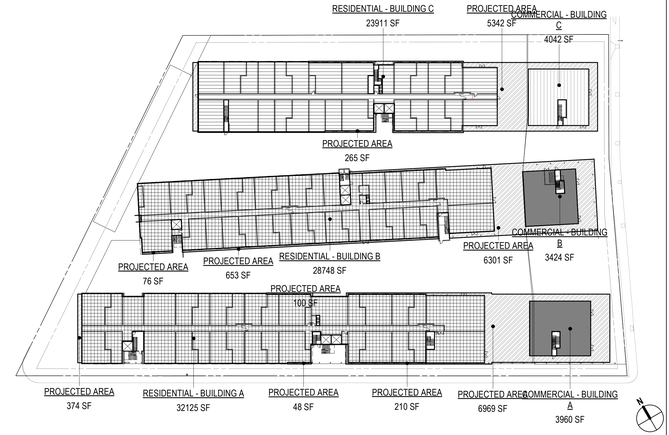
MEP ENGINEER
DONALD DICKERSON ASSOCIATES
18425 BURBANK BLVD.
SUITE 404
TARZANA, CA 91356
818.384.3600

GEOTECHNICAL ENGINEER
GEOCON
3303 NORTH SAN FERNANDO BLVD.
SUITE 100
BURBANK, CA 91504
JELISA THOMAS ADAMS, GE

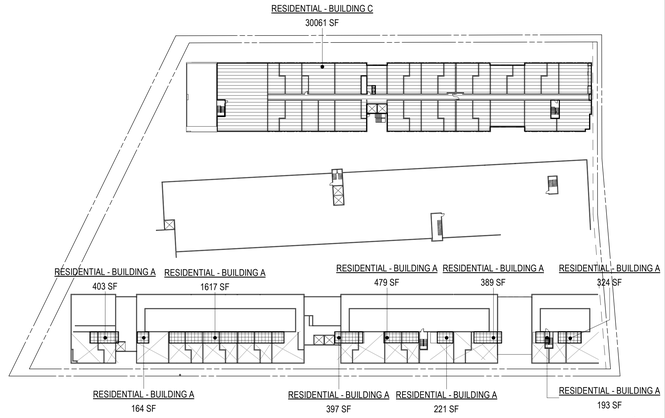
KFA
3573 HAYDEN AVENUE
CULVER CITY, CA 90232
310.399.7975
KFALOSANGELES.COM



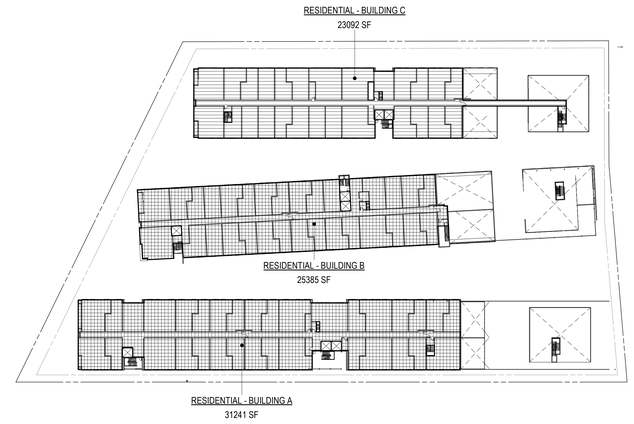
4TH FLOOR FAR PLAN
1" = 60'-0"
11



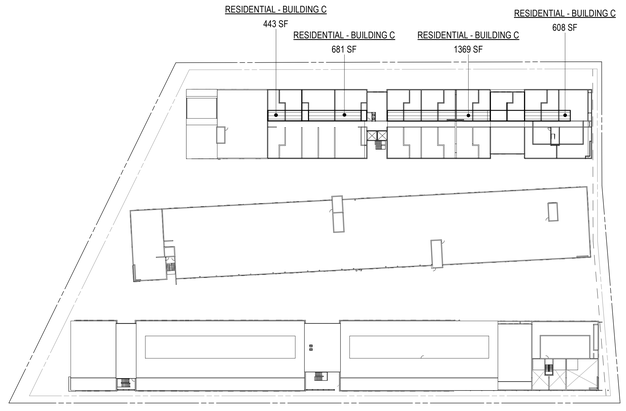
1ST FLOOR FAR PLAN
1" = 60'-0"
1

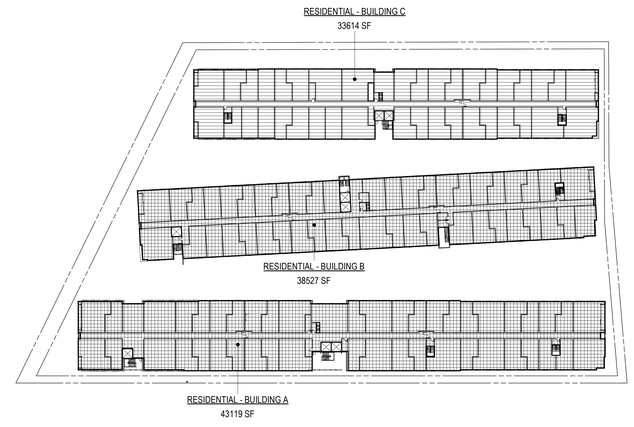


5TH FLOOR FAR PLAN
1" = 60'-0"
13



2ND FLOOR FAR PLAN
1" = 60'-0"
3





3RD FLOOR FAR PLAN
1" = 60'-0"
5

EXHIBIT "A"
Page No. 3 of 22
Case No. DIR-2019-6048-TOC-SPR-WDI

FLOOR AREA RATIO

LOT AREA PER ZIMAS
LOT AREA:
219,296 SF
BUILDABLE AREA
(BASED ON A 1-STORY RESIDENTIAL BUILDING):
207,338 SF
MULTIPLIER:
4.5:1
FAR ALLOWED:
4.5:1 PER TOC TIER 3 INCENTIVES
= BUILDABLE AREA X MULTIPLIER
= 207,338 SF X 3.75 = 933,021 SF

PROPOSED FAR:
519,829 SF/207,338 SF
= 2.51:1

MEASUREMENT PER LAMC 12.03:
AREA IN SQUARE FEET CONFINED WITHIN THE EXTERIOR WALLS OF A BUILDING, BUT NOT INCLUDING THE AREA OF THE FOLLOWING: EXTERIOR WALLS, STAIRWAYS, SHAFTS, ROOMS HOUSING BUILDING EQUIPMENT OR MACHINERY, PARKING AREAS WITH ASSOCIATED DRIVEWAYS AND RAMPS, SPACE FOR THE LANDING AND STORAGE OF HELICOPTERS, AND BASEMENT STORAGE AREAS.

Building	LEVEL	AREA (SF)
COMMERCIAL FLOOR AREA		
A - PHASE 1	1ST FLOOR	3960
A - PHASE 1		3960
B - PHASE 1	1ST FLOOR	3424
B - PHASE 1		3424
C - PHASE 2	1ST FLOOR	4042
C - PHASE 2		4042
COMMERCIAL FLOOR AREA		11426

Building	LEVEL	AREA (SF)
RESIDENTIAL FLOOR AREA		
A - PHASE 1	1ST FLOOR	7701
A - PHASE 1	1ST FLOOR	48042
A - PHASE 1	2ND FLOOR	31241
A - PHASE 1	3RD FLOOR	43119
A - PHASE 1	4TH FLOOR	42060
A - PHASE 1	5TH FLOOR	4187
A - PHASE 1		176350
B - PHASE 1	1ST FLOOR	7030
B - PHASE 1	1ST FLOOR	39524
B - PHASE 1	2ND FLOOR	25385
B - PHASE 1	3RD FLOOR	38527
B - PHASE 1	4TH FLOOR	38534
B - PHASE 1		149000

Building	LEVEL	AREA (SF)
C - PHASE 2	1ST FLOOR	6033
C - PHASE 2	1ST FLOOR	49531
C - PHASE 2	Mezzanine	3101
C - PHASE 2	2ND FLOOR	23092
C - PHASE 2	3RD FLOOR	33614
C - PHASE 2	4TH FLOOR	32548
C - PHASE 2	5TH FLOOR	30061
C - PHASE 2		177980
RESIDENTIAL FLOOR AREA		503330
GRAND TOTAL		514756

LEGEND

- COMMERCIAL - PHASE 1
- COMMERCIAL - PHASE 2
- RESIDENTIAL - PHASE 1
- RESIDENTIAL - PHASE 2

KFA
3573 HAYDEN AVENUE
CULVER CITY, CA 90232
310.399.7975
KFALOSANGELES.COM

AVENUE 34

SITE PLAN REVIEW
135-153 WEST AVENUE 34
LOS ANGELES, CA

R CAP AVENUE 34, LLC
949 S HOPE ST, SUITE 100
LOS ANGELES, CA 90015

THIS DRAWING AND THE INFORMATION CONTAINED HEREIN ARE THE COPYRIGHTED WORK OF KILLEFER FLAMMING ARCHITECTS AND MAY NOT BE REPRODUCED WITHOUT WRITTEN PERMISSION
SUBMITTAL

SITE PLAN REVIEW

JOB NUMBER
19015
DATE
03.02.20
REVISIONS

SHEET TITLE
FAR CALCULATIONS

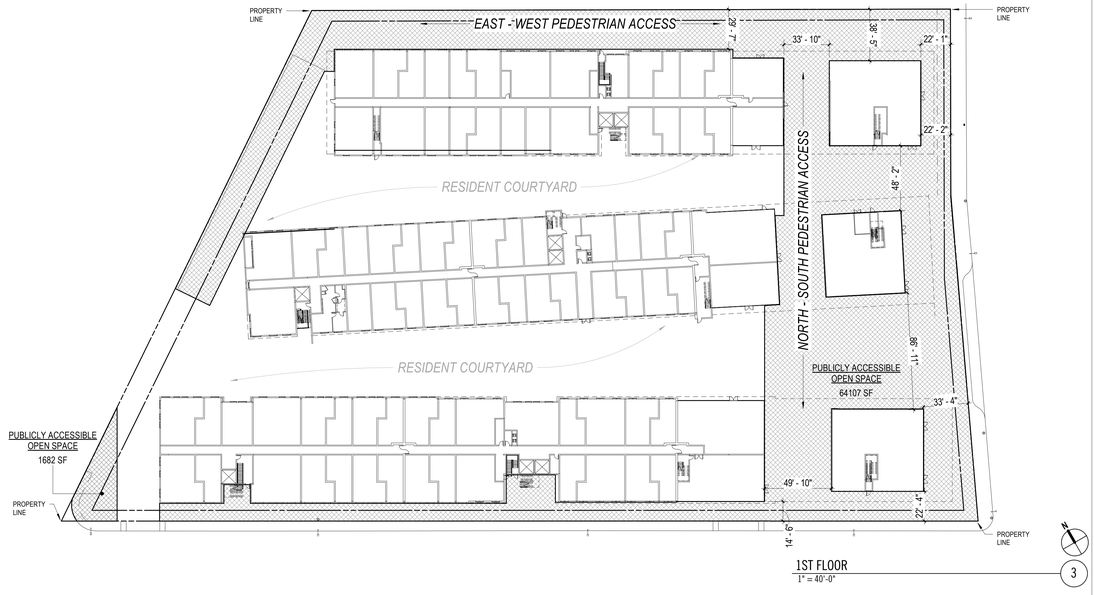
SHEET NUMBER
G021
3/3/20 8:50:56 AM

Q-CONDITIONS - PEDESTRIAN ACESS & LANDSCAPING

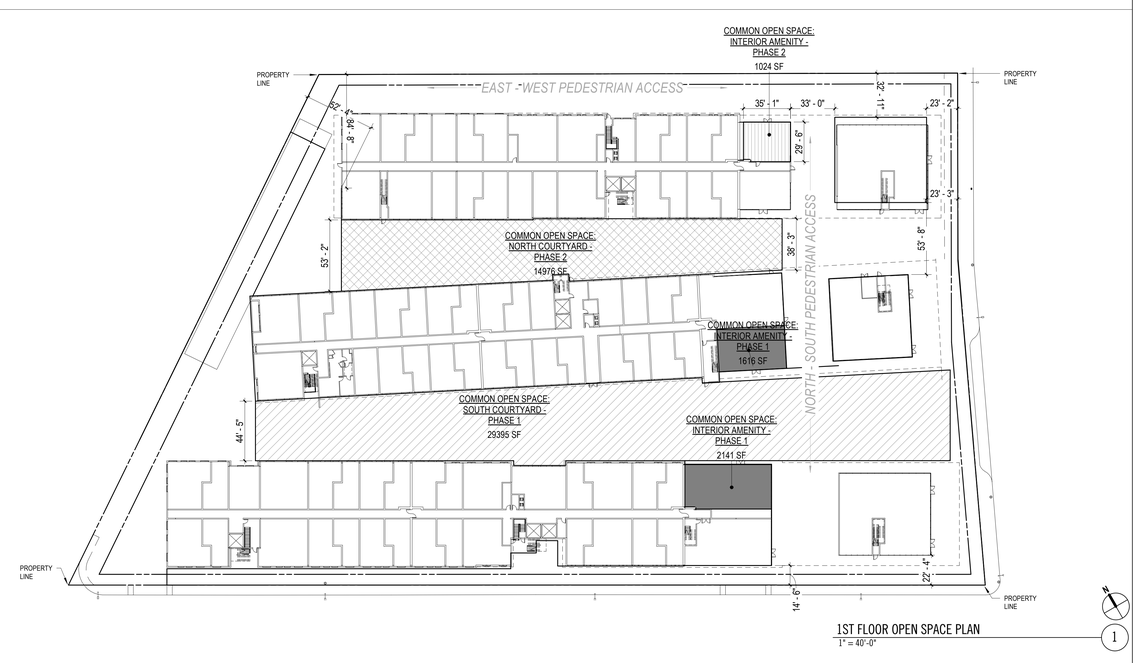
PEDESTRIAN ACCESS
PEDESTRIAN PATHS SHALL DIVIDE SUBAREA 4 INTO A MINIMUM OF FOUR SECTIONS.
A. THERE SHALL BE AN EASUWEST AND A NORTH/SOUTH PEDESTRIAN PATH THROUGH SUBAREA 4.
B. THE PATHS SHALL BE ALIGNED THROUGH THE MIDPOINT OF SUBAREA 4 AND CROSS EACH OTHER AT A PERPENDICULAR ANGLE.
C. THE REQUIRED PEDESTRIAN PATHS SHALL BE A MINIMUM OF 16 FEET IN WIDTH AND MAY INCLUDE UP TO 2 FEET OF LANDSCAPING ON EACH SIDE.
D. THE REQUIRED PEDESTRIAN PATHS SHALL BE COMPRISED OF ATTRACTIVE HARDSCAPE MATERIALS OR APPROPRIATE PERMEABLE ALTERNATIVES. THE USE OF ASPHALT IS PROHIBITED.
E. DEVELOPMENTS ON PARCELS THAT ABUT THE REQUIRED PEDESTRIAN PATHS SHALL CONTRIBUTE THEIR PROPORTIONAL SHARE OF SAID PATHS.
F. PEDESTRIAN PATHS SHALL BE ILUMINATED WITH PEDESTRIAN-SCALE LIGHTING INSTALLED ON EITHER SIDE OF EACH PEDESTRIAN PATH AT A MINIMUM INTERVAL OF ONE FIXTURE EVERY 20 LINEAR FEET.
G. THESE PEDESTRIAN PATHS SHALL BE OPEN AND ACCESSIBLE TO THE PUBLIC FROM DAWN UNTIL DUSK OR THE CLOSE OF ON-SITE BUSINESSES, WHICHEVER OCCURS LATER.
H. THESE PEDESTRIAN PATHS MAY COUNT TOWARD THE CODE-REQUIRED OPEN SPACE.
I. THESE PEDESTRIAN PATHS MAY BE INCLUDED IN THE BUILDABLE AREA FOR THE PURPOSES OF CALCULATING THE FLOOR AREA RATIO (FAR).

LANDSCAPING
A. OPEN SPACE SHALL BE PROVIDED PER LAMC.
B. ALL OPEN AREAS NOT USED FOR BUILDINGS, DRIVEWAYS, SURFACE PARKING AREAS, RECREATIONAL FACILITIES, PEDESTRIAN PATHS OR WALKWAYS SHALL BE ATTRACTIVELY LANDSCAPED AND INCLUDE AN AUTOMATIC IRRIGATION SYSTEM. IN ACCORDANCE WITH A LANDSCAPE PLAN PREPARED BY A LICENSED LANDSCAPE ARCHITECT, LICENSED ARCHITECT, OR LANDSCAPE CONTRACTOR TO THE SATISFACTION OF THE PLANNING DEPARTMENT.
C. A MINIMUM OF FIVE PERCENT OF THE TOTAL SURFACE AREA OF A SURFACE PARKING LOT SHALL BE LANDSCAPED WITH TREES, SHRUBBERY AND GROUND COVER
D. A MINIMUM OF 50 PERCENT OF COMMON USABLE OPEN SPACE, INCLUDING PLAZAS AND COURTYARDS, SHALL BE PLANTED IN GROUND COVER, SHRUBS OR TREES. TREES SHALL BE PLANTED AT A RATIO OF ONE TREE FOR EVERY 1,000 SQUARE FEET OF LOT AREA. TREES SHALL BE AT MINIMUM 24-INCH BOX TREES, AND SHALL BE PLANTED WITHIN OPEN SPACE AREAS. LANDSCAPED AREAS LOCATED ON TOP OF A PARKING GARAGE OR DECK SHALL INCLUDE PERMANENT PLANTERS AT LEAST 30 INCHES IN DEPTH (12 INCHES FOR LAWN/GROUND COVER) AND BE PROPERLY IRRIGATED AND DRAINED TO THE SATISFACTION OF THE PLANNING DEPARTMENT.
E. PAVED SURFACES WITHIN USABLE PUBLIC SPACES SHALL BE COMPRISED OF STAMPED CONCRETE, TILE OR OTHER DECORATIVE PAVING SURFACES. ASPHALT SHALL BE PROHIBITED AS A PAVING SURFACE WITHIN USABLE PUBLIC SPACES.
F. ANY PORTION OF A PARKING LEVEL WHICH EXCEEDS GRADE SHALL BE SCREENED FROM THE VIEW OF THE PUBLIC RIGHT-OF-WAY BY LANDSCAPE FEATURES INCLUDING TREES, SHRUBBERY, PLANTER BOXES OR BERMS, NONE OF WHICH SHALL BE SHORTER THAN THREE (3) FEET IN HEIGHT. ANY PLANTER BOX OR BERM SHALL NOT BE CONSIDERED IN CALCULATING ADDITIONAL HEIGHT OF A STRUCTURE.

LANDSCAPING
G. ALL SURFACE PARKING AREAS SHALL INCLUDE A PEDESTRIAN WALKWAY FROM THE PRIMARY STRUCTURE SERVED BY THE PARKING AREA UP TO A DISTANCE MEASURING 50 STRAIGHTLINE FEET. THE PEDESTRIAN WALKWAY SHALL BE PAVED WITH STAMPED CONCRETE OR ANOTHER DECROATIVE SURFACE IN KEEPING WITH THE ARCHITECTURAL STYLE OF THE SURROUNDING STRUCTURES.
H. LANDSCAPE SETBACKS, WHERE REQUIRED, SHALL INCLUDE A 24-INCH BOX TREE FOR EVERY 20 FEET OF STREET FRONTAGE. TREES INSTALLED SHALL HAVE A MINIMUM CANOPY DIAMETER OF 20 FEET AT THE TIME OF MATURITY.
I. LANDSCAPE SETBACKS, WHERE REQUIRED, SHALL INCLUDE 90 PERCENT GROUND COVERING THROUGH THE USE OF TURF, GRASS, FLOWERING PLANTS AND SHRUBS.
J. STREET TREE TYPE SHALL MATCH THE PREVAILING STREET TREE OF THE STREET PROVIDED THAT IT IS AN ACCEPTABLE TREE SPECIES, TO THE SATISFACTION OF THE BUREAU OF URBAN FORESTRY.



1ST FLOOR
1" = 40'-0"
3



1ST FLOOR OPEN SPACE PLAN
1" = 40'-0"
1

PUBLICLY ACCESSIBLE OPEN SPACE AND PEDESTRIAN PATHS

PER Q CONDITION, A MINIMUM OF 30% OF THE SUBAREA SHALL BE DEVOTED TO PUBLICLY ACCESSIBLE OPEN SPACE AND PEDESTRIAN PATHS THAT SHALL BE ACCESSIBLE BEGINNING AT DAWN AND ENDING AT DUSK OR CLOSE OF ON-SITE BUSINESSES, WHICHEVER OCCURS LATER.

A MINIMUM OF 75% OF ALL USABLE OUTDOOR PUBLIC SPACE SHALL BE LOCATED AT GROUND LEVEL AND SHALL BE DIRECTLY ACCESSIBLE TO THE GENERAL PUBLIC FROM PASADENA AVENUE AND/OR AVENUE 34.

A MINIMUM OF 20 PERCENT OF EACH COURTYARD SHALL CONSIST OF PLANTED GROUND COVER, SHRUBS, TREES, WATER FEATURES OR PERMANENT PLANTER BOXES.

THERE SHALL BE AN EAST/WEST AND A NORTH/SOUTH PEDESTRIAN PATH THROUGH SUBAREA 4.

THE PATHS SHALL BE ALIGNED THROUGH THE MIDPOINT OF SUBAREA 4 AND CROSS EACH OTHER AT A PERPENDICULAR ANGLE.

THE REQUIRED PEDESTRIAN PATHS SHALL BE A MINIMUM OF 16FEET IN WIDTH AND MAY INCLUDE UP TO 2FEET OF LANDSCAPING ON EACH SIDE.

SITE AREA = 219,296 SF PER ZIMAS
REQ'D PUBLICLY ACCESSIBLE OPEN SPACE AND PEDESTRIAN PATHS = 219,296 SF x 0.30 = 65,789 SF

PUBLICLY OPEN SPACE PROVIDED	
Name	Area
PUBLICLY ACCESSIBLE OPEN SPACE	65789 SF
	65789 SF

REQUIRED OPEN SPACE

OPEN SPACE REQUIREMENTS PER LAMC 12.21 G:
- 100 SF/UNIT < 3 HABITABLE ROOMS (STUDIO & 1 BEDROOM UNITS)
- 125 SF/UNIT = 3 HABITABLE ROOMS (2 BEDROOM UNITS)
- 175 SF/UNIT > 3 HABITABLE ROOMS (3 BR UNITS)

NOTE:
1. A KITCHEN IS NOT CONSIDERED A HABITABLE ROOM FOR PURPOSES OF CALCULATING OPEN SPACE.

PERCENT OF LANDSCAPED OPEN SPACE
LANDSCAPED OPEN 50% = 24,575 SF

TREES -REQUIRED: 219 TREES
TREES PROVIDED: 219 TREES *(SEE LANDSCAPE DWGS.)*

PHASE 1 - REQUIRED OPEN SPACE
STUDIOS = 158 X 100 SF = 15,800 SF
1 BEDROOMS = 96 X 100 SF = 9,600 SF
2 BEDROOMS = 62 X 125 SF = 7,750 SF
TOTAL REQ'D = 33,150 SF

PHASE 2 - REQUIRED RESIDENTIAL PARKING
STUDIOS = 64 X 100 = 6,400 SF
1 BEDROOMS = 56 X 100 = 5,600 SF
2 BEDROOMS = 32 x 125 = 4,000 SF
TOTAL REQ'D PARKING = 16,000 SF

TOTAL REQUIRED RESIDENTIAL OPEN SPACE = 49,150 SF

PROPOSED OPEN SPACE

NAME	LEVEL	AREA (SF)
PHASE 1		
COMMON OPEN SPACE: INTERIOR AMENITY - PHASE 1	1ST FLOOR	3757
COMMON OPEN SPACE: SOUTH COURTYARD - PHASE 1	1ST FLOOR	29395
		33152
PHASE 2		
COMMON OPEN SPACE: INTERIOR AMENITY - PHASE 2	1ST FLOOR	1024
COMMON OPEN SPACE: NORTH COURTYARD - PHASE 2	1ST FLOOR	14976
		16000
GRAND TOTAL		49152

PER Q CONDITIONS 50% OF USABLE COMMON OPEN SPACE REQ'D TO BE LANDSCAPED:
49,150 SF X 0.50 = 24,575 SF LANDSCAPE REQUIRED

LEGEND

- COMMON OPEN SPACE: INTERIOR AMENITY - PHASE 1
- COMMON OPEN SPACE: SOUTH COURTYARD - PHASE 1
- COMMON OPEN SPACE: INTERIOR AMENITY - PHASE 2
- COMMON OPEN SPACE: NORTH COURTYARD - PHASE 2
- PUBLICLY ACCESSIBLE OPEN SPACE

EXHIBIT "A"
Page No. 4 of 22
Case No. DIR-2019-6048-TOC-SPR-WDI

KFA
3573 HAYDEN AVENUE
CULVER CITY, CA 90232
310.399.7975
KFALOSANGELES.COM

AVENUE 34
SITE PLAN REVIEW
135-153 WEST AVENUE 34
LOS ANGELES, CA

R CAP AVENUE 34, LLC
949 S HOPE ST, SUITE 100
LOS ANGELES, CA 90015

THIS DRAWING AND THE INFORMATION CONTAINED HEREIN ARE THE COPYRIGHTED WORK OF KELLETT FLEMMING ARCHITECTS AND MAY NOT BE REPRODUCED WITHOUT WRITTEN PERMISSION
SUBMITTAL

SITE PLAN REVIEW

JOB NUMBER
19015
DATE
03.02.20
REVISIONS

SHEET TITLE
OPEN SPACE CALCULATIONS

SHEET NUMBER
G022

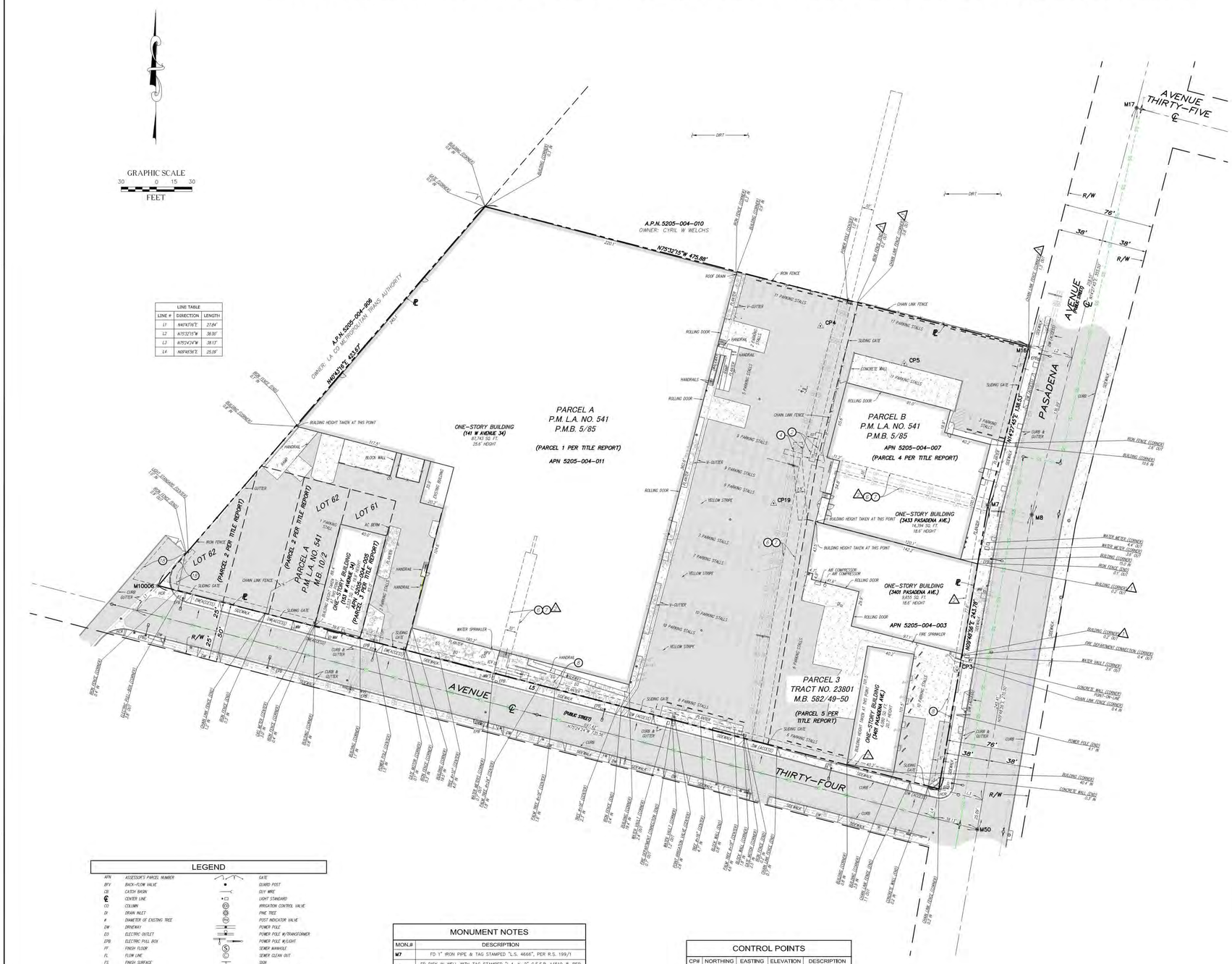
3/5/20 8:51:01 AM

A.L.T.A./N.S.P.S. LAND TITLE SURVEY

141 & 153 West Avenue 34 and 3401 & 3433 Pasadena Avenue, Los Angeles, CA 90031

GRAPHIC SCALE
30 0 15 30
FEET

LINE TABLE		
LINE #	DIRECTION	LENGTH
L1	N47°47'16"E	27.64'
L2	N42°12'21"W	38.00'
L3	N75°24'24"W	38.13'
L4	N09°45'36"E	25.00'



LEGEND

APN	ASSESSOR'S PARCEL NUMBER		GATE
BFV	BACK-FLOW VALVE		GUARD POST
CB	CATCH BASIN		GUY WIRE
℄	CENTER LINE		LIGHT STANDARD
CO	COLUMN		IRRIGATION CONTROL VALVE
DI	DRAIN INLET		PINE TREE
#	DIAMETER OF EXISTING TREE		POST INDICATOR VALVE
DW	DRIVEWAY		POWER POLE
ED	ELECTRIC OUTLET		POWER POLE W/TRANSFORMER
EPB	ELECTRIC PULL BOX		POWER POLE W/LIGHT
FF	FINISH FLOOR		SEWER MANHOLE
FL	FLOW LINE		SEWER CLEAN OUT
FS	FINISH SURFACE		SIGN
GM	GATE MOTOR		STAIRS SHOWING DOWNWARD DIRECTION
HCR	HANDICAP RAMP		STORM DRAIN MANHOLE
INV	INVERT		STREET LIGHT
ICV	IRRIGATION CONTROL VALVE		TELECOM MANHOLE
NG	NATURAL GROUND		TREE (TYPICAL)
P	PROPERTY LINE		UNKNOWN MANHOLE
R/W	RIGHT OF WAY		UTILITY POLE
TB	TOP OF BERM		WATER FAUCET
TC	TOP OF CURB		WATER VALVE
TOP	TOP OF STRUCTURE		BLOCK WALL
WM	WATER METER		CENTER LINE
WV	WATER VAULT		CHAIN LINK FENCE
	ASPHALT PAVEMENT		EDGE OF PAVEMENT
	CAR STOP		EASEMENT LINE
	CONCRETE PAVEMENT		FLOW LINE
A	CONTROL POINT	CP1	GAS LINE PAINTED
	DOOR		INTERIOR LOT LINE
	FIRE HYDRANT		OVERHEAD LINE
	FIRE DEPARTMENT CONNECTION		PROPERTY LINE
	FLOW DIRECTION		RIGHT-OF-WAY
	FOUND MONUMENT AS NOTED		SANITARY SEWER LINE
	GAS METER		STORM DRAIN LINE
	GAS VALVE		WROUGHT IRON FENCE

MONUMENT NOTES

MON.#	DESCRIPTION
M7	FD 1" IRON PIPE & TAG STAMPED "LS. 4666", PER R.S. 199/1
M8	FD DISK IN WELL WITH TAG STAMPED "L.A. K-2" C.E.F.B. 14510-8, PER R.S. 199/1
M16	FD GIN SPIKE & WASHER "LS. 4666", PER R.S. 199/1
M17	FD MAG W/TAG STAMPED "L.A. CITY SURVEYOR" C.E.F.B. 141-221, PG. 517, PER R.S. 199/1
M50	FD MAGNETIC WASHER STAMPED "L.A. CITY SURVEYOR", PER R.S. 199/1
M10006	FD LEAD & TAG STAMPED "LS. 4666", PER R.S. 199/1

CONTROL POINTS

CP#	NORTHING	EASTING	ELEVATION	DESCRIPTION
CP3	1853142.10'	6496997.21'	368.13'	SET SCRIBED X
CP4	1853433.48'	6496881.48'	367.10'	SET MAGNETIC NAIL
CP5	1853401.58'	6496952.50'	367.21'	SET MAGNETIC NAIL
CP19	1853283.24'	6496841.89'	366.57'	SET MAGNETIC NAIL

ZONING RESTRICTIONS

NOTE: INDICATED ZONING INFORMATION IS FROM THE CITY OF LOS ANGELES ZONING ORDINANCES IN EFFECT AS OF THE DATE OF THIS SURVEY. ZONING AND RESTRICTIONS SHOWN HEREON WERE OBTAINED BY A GENERAL REQUEST AT THE PUBLIC COUNTER OF THE ABOVE NAMED DEPARTMENT. NO REPRESENTATION IS MADE FOR THE ACCURACY OR COMPLETENESS OF SAID THIRD PARTY INFORMATION. THIS FIRM IS NOT AN EXPERT IN THE REPRESENTATION OF COMPLEX ZONING ORDINANCES. COMPLIANCE IS BEYOND THE SCOPE OF THIS SURVEY. ANY USER OF SAID INFORMATION IS URGED TO CONTACT THE LOCAL AGENCY DIRECTLY.

ZONE: "CM" COMMERCIAL MANUFACTURING

MINIMUM SETBACKS: FRONT: NOT REQUIRED FOR BUILDINGS ERECTED AND USED EXCLUSIVELY FOR COMMERCIAL OR INDUSTRIAL PURPOSES.
SIDE: NOT REQUIRED FOR BUILDINGS ERECTED AND USED EXCLUSIVELY FOR COMMERCIAL OR INDUSTRIAL PURPOSES.
REAR: NOT REQUIRED FOR BUILDINGS ERECTED AND USED EXCLUSIVELY FOR COMMERCIAL OR INDUSTRIAL PURPOSES.

FOR ALL PORTIONS OF BUILDINGS ERECTED AND USED FOR RESIDENTIAL PURPOSES, SIDE YARDS AND REAR YARDS CONFORMING TO THE REQUIREMENTS OF THE R4 ZONE (SECTION 12.11 C.2. AND 3.) SHALL BE PROVIDED AND MAINTAINED AT THE FLOOR LEVEL OF THE FIRST STORY USED FOR RESIDENTIAL PURPOSES.

HEIGHT RESTRICTIONS: NONE

SCHEDULE B ITEMS

BASED UPON TITLE REPORT NO. 002-30030844-A-JVI, DATED JUNE 10, 2019, AMENDED: JUNE 25, 2019 AS PREPARED BY FIDELITY NATIONAL TITLE COMPANY:

1. WATER RIGHTS, CLAIMS OR TITLE TO WATER, WHETHER OR NOT DISCLOSED BY THE PUBLIC RECORDS.
2. AN EASEMENT FOR POLES, ANCHORS AND CONDUITS PURPOSES; RECORDED DECEMBER 19, 1960 AS INSTRUMENT NO. 2601, IN BOOK D-1068, PAGE 773 OF OFFICIAL RECORDS. **(PLOTTED HEREON)**
3. AN EASEMENT FOR POLES, ANCHORS AND CONDUITS PURPOSES; RECORDED DECEMBER 19, 1960; AS INSTRUMENT NO. 2602, IN BOOK D-1068, PAGE 774 OF OFFICIAL RECORDS. **(NOT PLOTTED – THE EXACT LOCATION AND EXTENT CANNOT BE DETERMINED FROM RECORD)**
4. AN EASEMENT FOR PIPES PURPOSES; RECORDED MARCH 16, 1961; AS INSTRUMENT NO. 4170, IN BOOK D-1152, PAGE 7 OF OFFICIAL RECORDS. **(PLOTTED HEREON)**
5. AN INSTRUMENT ENTITLED COVENANT AND AGREEMENT; RECORDED DECEMBER 7, 1961; AS INSTRUMENT NO. 4365, IN BOOK M-1510, PAGE 383 OF OFFICIAL RECORDS.
6. AN EASEMENT FOR PUBLIC UTILITIES PURPOSES; RECORDED IN TRACT NO. 23801 IN BOOK 682, PAGE 49 OF TRACT MAPS. **(PLOTTED HEREON)**
7. AN EASEMENT FOR PUBLIC UTILITIES PURPOSES; RECORDED PARCEL MAP NO. 541, IN BOOK 5, PAGE 85 OF PARCEL MAPS. A PORTION OF SAID EASEMENT WAS QUITCLAIMED AS SET FORTH IN DOCUMENT RECORDED FEBRUARY 02, 1979 AS INSTRUMENT NO. 79-147262 OF OFFICIAL RECORDS. **(PLOTTED HEREON)**
8. AN EASEMENT FOR PUBLIC STREET OR HIGHWAY PURPOSES; RECORDED DECEMBER 9, 1966 AS INSTRUMENT NO. 2946 OF OFFICIAL RECORDS. **(PLOTTED HEREON)**
9. AN EASEMENT FOR INGRESS AND EGRESS AND DRIVEWAY PURPOSES; RECORDED AUGUST 17, 1967 AS INSTRUMENT NO. 2521 OF OFFICIAL RECORDS. **(NOT PLOTTED – THE EXACT LOCATION AND EXTENT CANNOT BE DETERMINED FROM RECORD)**
10. AN INSTRUMENT ENTITLED COVENANT AND AGREEMENT; RECORDED NOVEMBER 21, 1974 AS INSTRUMENT NO. 2319 OF OFFICIAL RECORDS.
11. AN INSTRUMENT ENTITLED COVENANT AND AGREEMENT; RECORDED AUGUST 13, 1975 AS INSTRUMENT NO. 3369 OF OFFICIAL RECORDS.
12. AN INSTRUMENT ENTITLED COVENANT AND AGREEMENT; RECORDED JULY 11, 1977 AS INSTRUMENT NO. 77-739528 OF OFFICIAL RECORDS.
13. COVENANT AND AGREEMENT WHEREIN THE OWNERS AGREE TO HOLD SAID LAND AS ONE PARCEL AND NOT TO SELL ANY PORTION; RECORDED JULY 11, 1977 AS INSTRUMENT NO. 77-739529 OF OFFICIAL RECORDS.
14. AN INSTRUMENT ENTITLED COVENANT AND AGREEMENT; RECORDED JULY 11, 1977 AS INSTRUMENT NO. 77-739531 OF OFFICIAL RECORDS.
15. AN INSTRUMENT ENTITLED COVENANT AND AGREEMENT; RECORDED JULY 29, 1977; AS INSTRUMENT NO. 77-827831 OF OFFICIAL RECORDS.
16. AN INSTRUMENT ENTITLED COVENANT AND AGREEMENT REGARDING MAINTENANCE OF BUILDING; RECORDED OCTOBER 17, 1977; AS INSTRUMENT NO. 77-1148358 OF OFFICIAL RECORDS.
17. AN INSTRUMENT ENTITLED COVENANT AND AGREEMENT; RECORDED DECEMBER 9, 1977; AS INSTRUMENT NO. 77-1339403 OF OFFICIAL RECORDS.
18. AN EASEMENT FOR PERMANENT STREET EASEMENT; RECORDED MARCH 13, 2001 AS INSTRUMENT NO. 01-402364 OF OFFICIAL RECORDS. AN EASEMENT DEED RECORDED DECEMBER 05, 2013 AS INSTRUMENT NO. 20131721633 OF OFFICIAL RECORDS. **(PLOTTED HEREON)**
19. AN EASEMENT FOR EXISTING IMPROVEMENTS PURPOSES; RECORDED DECEMBER 15, 2005 AS INSTRUMENT NO. 05-3089284 OF OFFICIAL RECORDS. **(BLANKET IN NATURE OVER PARCEL B, P.M.B. 5/85)**
20. DISCREPANCIES, CONFLICTS IN BOUNDARY LINES, SHORTAGE IN AREA, ENCROACHMENTS, OR ANY OTHER MATTERS SHOWN ON RECORD OF SURVEY IN BOOK 190, PAGE 1 RECORDS OF SURVEY.
21. A DEED OF TRUST TO SECURE AN INDEBTEDNESS; RECORDED DECEMBER 29, 2005 AS INSTRUMENT NO. 05 3253763 OF OFFICIAL RECORDS.
22. A DEED OF TRUST TO SECURE AN INDEBTEDNESS; RECORDED JANUARY 10, 2006 AS INSTRUMENT NO. 06 0056828 OF OFFICIAL RECORDS.
23. AN ASSIGNMENT OF ALL THE MONEYS DUE, OR TO BECOME DUE AS RENTAL, AS ADDITIONAL SECURITY FOR THE OBLIGATIONS SECURED; RECORDED JANUARY 10, 2006; AS INSTRUMENT NO. 06-0056829 OF OFFICIAL RECORDS.
24. A DEED OF TRUST TO SECURE AN INDEBTEDNESS; RECORDED NOVEMBER 21, 2012 AS INSTRUMENT NO. 20121772775 OF OFFICIAL RECORDS.
25. AN ASSIGNMENT OF ALL THE MONEYS DUE, OR TO BECOME DUE AS RENTAL, AS ADDITIONAL SECURITY FOR THE OBLIGATIONS SECURED BY DEED; RECORDED NOVEMBER 21, 2012 AS INSTRUMENT NO. 20121772776 OF OFFICIAL RECORDS.
26. MATTERS CONTAINED IN THAT CERTAIN DOCUMENT; RECORDED NOVEMBER 21, 2012 AS INSTRUMENT NO. 20121772777 OF OFFICIAL RECORDS.
27. AN UNRECORDED LEASE WITH CERTAIN TERMS, COVENANTS, CONDITIONS AND PROVISIONS; RECORDED NOVEMBER 21, 2012 AS INSTRUMENT NO. 20121772778 OF OFFICIAL RECORDS. AN AGREEMENT RECORDED NOVEMBER 21, 2012 AS INSTRUMENT NO. 20121772778 OF OFFICIAL RECORDS AND RECORDED NOVEMBER 21, 2012 AS INSTRUMENT NO. 20121772775. AN AGREEMENT RECORDED NOVEMBER 21, 2012 AS INSTRUMENT NO. 20121772779 OF OFFICIAL RECORDS, AND A DEED OF TRUST; RECORDED NOVEMBER 21, 2012 AS INSTRUMENT NO. 20121772789 OF OFFICIAL RECORDS.
28. AN UNRECORDED LEASE WITH CERTAIN TERMS, COVENANTS, CONDITIONS AND PROVISIONS; RECORDED NOVEMBER 21, 2012 AS INSTRUMENT NO. 20121772779 OF OFFICIAL RECORDS. AN AGREEMENT RECORDED NOVEMBER 21, 2012 AS INSTRUMENT NO. 20121772779 OF OFFICIAL RECORDS, AND RECORDED NOVEMBER 21, 2012 AS INSTRUMENT NO. 20121772775 OF OFFICIAL RECORDS. AN AGREEMENT RECORDED NOVEMBER 21, 2012 AS INSTRUMENT NO. 20121772792. OF OFFICIAL RECORDS, AND RECORDING NOVEMBER 21, 2012 AS INSTRUMENT NO. 20121772789 OF OFFICIAL RECORDS.
29. AN UNRECORDED LEASE WITH CERTAIN TERMS, COVENANTS, CONDITIONS AND PROVISIONS; RECORDED NOVEMBER 21, 2012 AS INSTRUMENT NO. 20121772780 OF OFFICIAL RECORDS. AN AGREEMENT RECORDED NOVEMBER 21, 2012 AS INSTRUMENT NO. 20121772780 OF OFFICIAL RECORDS, AND RECORDED NOVEMBER 21, 2012 AS INSTRUMENT NO. 20121772775 OF OFFICIAL RECORDS. AN AGREEMENT RECORDED NOVEMBER 21, 2012 AS INSTRUMENT NO. 20121772793. OF OFFICIAL RECORDS; AND RECORDED NOVEMBER 21, 2012 AS INSTRUMENT NO. 20121772789 OF OFFICIAL RECORDS.
30. AN UNRECORDED LEASE WITH CERTAIN TERMS, COVENANTS, CONDITIONS AND PROVISIONS; RECORDED NOVEMBER 21, 2012 AS INSTRUMENT NO. 20121772781 OF OFFICIAL RECORDS. AN AGREEMENT RECORDED NOVEMBER 21, 2012 AS INSTRUMENT NO. 20121772781 OF OFFICIAL RECORDS, AND RECORDED NOVEMBER 21, 2012 AS INSTRUMENT NO. 20121772775 OF OFFICIAL RECORDS. AN AGREEMENT RECORDED NOVEMBER 21, 2012 AS INSTRUMENT NO. 20121772794 OF OFFICIAL RECORDS; AND RECORDED NOVEMBER 21, 2014 AS INSTRUMENT NO. 20141772789 OF OFFICIAL RECORDS.
31. A DEED OF TRUST TO SECURE AN INDEBTEDNESS; RECORDED NOVEMBER 21, 2012 AS INSTRUMENT NO. 20121772782 OF OFFICIAL RECORDS. AN ASSIGNMENT OF THE BENEFICIAL INTEREST UNDER UNITED STATES SMALL BUSINESS ADMINISTRATION, RECORDED NOVEMBER 21, 2012 AS INSTRUMENT NO. 20121772790 OF OFFICIAL RECORDS. AN AGREEMENT RECORDED JUNE 3, 2013 AS INSTRUMENT NO. 20130825504 OF OFFICIAL RECORDS.
32. SUBORDINATION, NONDISTURBANCE AND ATTORNMENT AGREEMENT, AND THE TERMS AND CONDITIONS; RECORDED NOVEMBER 21, 2012 AS INSTRUMENT NO. 20121772791 OF OFFICIAL RECORDS.
33. AN UNRECORDED LEASE WITH CERTAIN TERMS, COVENANTS, CONDITIONS AND PROVISIONS; RECORDED NOVEMBER 21, 2012 AS INSTRUMENT NO. 20121772792 OF OFFICIAL RECORDS.
34. AN UNRECORDED LEASE WITH CERTAIN TERMS, COVENANTS, CONDITIONS AND PROVISIONS; RECORDED NOVEMBER 21, 2012 AS INSTRUMENT NO. 20121772793 OF OFFICIAL RECORDS.
35. AN UNRECORDED LEASE WITH CERTAIN TERMS, COVENANTS, CONDITIONS AND PROVISIONS; RECORDED NOVEMBER 21, 2012 AS INSTRUMENT NO. 20121772794 OF OFFICIAL RECORDS.
36. MATTERS CONTAINED IN DOCUMENT RECORDED JUNE 3, 2013 AS INSTRUMENT NO. 20130825505 OF OFFICIAL RECORDS.
37. ANY RIGHTS OF THE PARTIES IN POSSESSION OF A PORTION OF, OR ALL OF, SAID LAND, WHICH RIGHTS ARE NOT DISCLOSED BY THE PUBLIC RECORDS.
38. MATTERS WHICH MAY BE DISCLOSED BY AN INSPECTION AND/OR BY A CORRECT ALTA/NSPS LAND TITLE SURVEY OF SAID LAND
THAT IS SATISFACTORY TO THE COMPANY, AND/OR BY INQUIRY OF THE PARTIES IN POSSESSION THEREOF.
39. AN INSPECTION OF SAID LAND HAS BEEN ORDERED; UPON ITS COMPLETION THE COMPANY RESERVES THE RIGHT TO EXCEPT ADDITIONAL ITEMS AND/OR MAKE ADDITIONAL REQUIREMENTS.

FLOOD NOTE: BY GRAPHIC PLOTTING ONLY, THIS PROPERTY IS IN ZONE "X" OF THE FLOOD INSURANCE RATE MAP, PANEL NO. 06037C1625F, PANEL DATED SEPTEMBER 26, 2008. THIS PROPERTY IS NOT LOCATED IN AN AREA WHERE FLOOD HAZARD EXIST AS DETERMINED BY FEMA, BY TELEPHONE CALL TO THE NATIONAL FLOOD INSURANCE PROGRAM (800-638-6620). WE HAVE LEARNED THIS PROPERTY IS LOCATED IN FLOOD ZONE "X" (UNSHADED). A FLOOD ELEVATION CERTIFICATE MAY BE NEEDED TO DETERMINE THIS ZONE AND AN ELEVATION CERTIFICATE MAY BE NEEDED TO VERIFY THIS DETERMINATION OR APPLY FOR A VARIANCE FROM THE FEDERAL EMERGENCY MANAGEMENT AGENCY.

VICINITY MAP

LEGAL DESCRIPTION

THE LAND REFERRED TO HEREIN BELOW IS SITUATED CITY OF LOS ANGELES IN THE COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, AND IS DESCRIBED AS FOLLOWS:

PARCEL 1:
PARCEL A, IN THE CITY OF LOS ANGELES, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, AS SHOWN ON PARCEL MAP L.A. NO. 541, FILED IN BOOK 5, PAGE 85 OF PARCEL MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY.
EXCEPT FROM THAT PORTION OF SAID LAND INCLUDED WITHIN THE LINES OF THE LAND DESCRIBED AS PARCEL 1 IN DEED RECORDED JUNE 11, 1954 IN BOOK 44787, PAGE 225 OFFICIAL RECORDS ALL OIL, GAS, MINERALS AND OTHER HYDROCARBON SUBSTANCES LYING BELOW THE SURFACE OF SAID LAND, BUT WITH NO RIGHT OF SURFACE ENTRY, AS PROVIDED IN DEED BOTH RECORDED SEPTEMBER 17, 1951 IN BOOK 37217, PAGE 371 OFFICIAL RECORDS AND IN BOOK 37217, PAGE 375 OFFICIAL RECORDS. ALSO EXCEPT ALL COAL, OIL AND GAS DEPOSITS IN THAT PORTION OF SAID LAND, INCLUDED IN THE LAND DESCRIBED IN THE DEED RECORDED AUGUST 22, 1941 IN BOOK 19660, PAGE 227 OFFICIAL RECORDS.

PARCEL 2:
LOT 63 AND THOSE PORTIONS OF LOTS 64 AND 65 OF WHITTAKER RICHARDSON AND ERNEST SUBDIVISION OF LOTS 2, AND 3 GRIFFIN TRACT, IN THE CITY OF LOS ANGELES, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, AS PER MAP RECORDED IN BOOK 10, PAGE 2 OF MISCELLANEOUS RECORDS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY, LYING TERMINAL RAILWAY COMPANY, RECORDED IN OCTOBER 20, 1898 AS INSTRUMENT NOS. 33 AND 34, IN BOOK 1281, PAGE 1 DEEDS AND IN BOOK 1256, PAGE 98 DEEDS RESPECTIVELY OF SAID COUNTY.

PARCEL 3:
LOT 61 OF THE WHITTAKER RICHARDSON AND ERNEST SUBDIVISION, EAST LOS ANGELES OF GRIFFIN ADDITIO LOTS 2 AND 3, IN THE CITY OF LOS ANGELES, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, AS PER MAP RECORDED IN BOOK 10, PAGE 2 OF MISCELLANEOUS RECORDS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY.

PARCEL 4:
PARCEL B, IN THE CITY OF LOS ANGELES, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, AS SHOWN ON PARCEL MAP NO. 541, FILED IN BOOK 5, PAGE 85 OF PARCEL MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY.
EXCEPT FROM SAID LAND, ALL OIL, GAS, MINERALS AND OTHER HYDROCARBON SUBSTANCES LYING BELOW THE SURFACE OF SAID LAND, BUT WITH NO RIGHT OF SURFACE ENTRY, AS PROVIDED IN DEED RECORDED SEPTEMBER 17, 1951 IN BOOK 37217, PAGE 371 OFFICIAL RECORDS AND IN BOOK 37217, PAGE 375 OFFICIAL RECORDS AND JUNE 11, 1954 IN BOOK 44787, PAGE 255 OFFICIAL RECORDS. ALSO EXCEPT ALL COAL, OIL AND OIL INORGANIC SUBSTANCES OIL AND NATURAL GAS IN THAT PORTION OF SAID LAND, INCLUDED IN THE LAND DESCRIBED IN THE DEED RECORDED AUGUST 22, 1941 IN BOOK 19660, PAGE 227 OFFICIAL RECORDS.

PARCEL 5:
LOT 2 OF TRACT NO. 23801, IN THE CITY OF LOS ANGELES, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, AS PER MAP RECORDED IN BOOK 682, PAGES 49 AND 50 OF MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY.

POSSIBLE ENCROACHMENT NOTES

THIS IS A LISTING OF OBSERVED IMPROVEMENTS THAT CROSS PROPERTY LINES. STATEMENT OF OWNERSHIP OR POSSESSION IS NOT THE INTENT OF THIS LISTING.

1. BUILDING OVERHANG OVERLAPS INTO PASADENA AVENUE RIGHT-OF-WAY
2. BUILDING OVERLAPS INTO EASEMENTS 6, 7 & 8 PER TITLE REPORT.
3. CHAIN LINK FENCE AND IRON FENCE OVERLAPS INTO THE NORTHERLY PROPERTY (A.P.N. 5205-044-010)

ITEMS CORRESPONDING TO TABLE A ITEMS

– ITEM 14
THE NEAREST INTERSECTION STREET TO THE PROPERTY IS AVENUE THIRTY-FOUR AND PASADENA AVENUE AS SHOWN HEREON.

– ITEM 16
NO EVIDENCE OF RECENT EARTH MOVING WORK, BUILDING CONSTRUCTION OR BUILDING ADDITIONS OBSERVED IN THE PROCESS OF CONDUCTION THE FIELD WORK.

– ITEM 17
NO EVIDENCE OF RECENT STREET OR SIDEWALK CONSTRUCTION OR REPAIRS OBSERVED IN THE PROCESS OF CONDUCTING THE FIELD WORK.

– ITEM 18
NO EVIDENCE OF WETLANDS ON THE SUBJECT PROPERTY. NO DELINEATION MARKERS OF WETLANDS WERE OBSERVED IN THE PROCESS OF CONDUCTIONG THE FIELD WORK.

SURVEYOR'S NOTES

– THE UTILITIES SHOWN HEREON ARE BASED ON OBSERVED EVIDENCE ONLY. THIS SURVEY WOULD NOT SHOW UTILITIES COVERED BY CARS/TRUCKS OR RECENTLY PAVED ASPHALT/CONCRETE OR OVERGROWN BRUSH, TREES AND SHRUBS.

– THIS SURVEY HAS BEEN PREPARED FOR TITLE INSURANCE PURPOSES ONLY. THIS SURVEY DOES NOT CONTAIN SUFFICIENT DETAIL FOR DESIGN PURPOSES. THE BOUNDARY DATA AND TITLE MATTERS AS SHOWN HEREON HAVE BEEN DEVELOPED FROM THE REFERENCED TITLE REPORT.

– UNLESS THIS PLAN HAS THE SEAL AND SIGNATURE OF THE SURVEYOR AND/OR ENGINEER RESPONSIBLE FOR ITS PREPARATION, THIS IS NOT AN AUTHENTIC COPY OF THE ORIGINAL SURVEY AND SHALL NOT BE DEEMED RELIABLE.

SURVEYOR'S CERTIFICATE

TO ED 1125, LLC, A CALIFORNIA LIMITED LIABILITY COMPANY AND FIDELITY NATIONAL TITLE COMPANY:

THIS IS TO CERTIFY THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH THE 2016 MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/NSPS LAND TITLE SURVEYS, JOINTLY ESTABLISHED AND ADOPTED BY ALTA AND NSPS, AND INCLUDES ITEMS 2, 3, 4, 6(a), 7(a), 7(b)(1), 7(c), 8, 9, 10(a), 11, 13, 14, 16 AND 17 OF TABLE A THEREOF. THE FIELD WORK WAS COMPLETED ON JULY 15, 2019

DATE OF PLAT OR MAP: JULY 24, 2019

REVISIONS			
NO.	DATE	REMARKS	BY
0	07/24/19	SUBMITTAL	RM/MH
1	07/31/19	COMMENTS	RG

UTILITY STATEMENT
BURIED UTILITIES AND/OR PIPELINES SHOWN HEREON ARE PER VISIBLE AND APPARENT SURFACE EVIDENCE, RECORD DRAWINGS OF THE CONSTRUCTED UTILITY LINES OBTAINED FROM RELIABLE AND RESPONSIBLE SOURCES. NOT CONNECTED WITH CALVADA SURVEYING, INC. OR MARKINGS PROVIDED BY AN INDEPENDENT LOCATING CONTRACTOR. NO GUARANTEE OR WARRANTY, EITHER EXPRESSED OR IMPLIED, IS MADE AS TO THE ACCURACY OR COMPLETENESS OF SUCH INFORMATION. THE EXACT LOCATIONS AND CONFIGURATIONS OF UNDERGROUND UTILITIES OR PIPE LINES ARE REQUIRED, THE UTILITY OR PIPELINE WILL HAVE TO BE VERIFIED BY FIELD POTHOLING. CALVADA SURVEYING, INC. AND THE SURVEYOR OF RECORD SHALL NOT BE HELD LIABLE FOR THE LOCATION OF OR THE FAILURE TO NOTE THE LOCATION OF NON-VISIBLE UTILITIES OR PIPELINES.

Underground Service Alert
Call: TOLL FREE
1-800
227-2600
TWO WORKING DAYS BEFORE YOU DIG

PREPARED FOR
KIMLEY-HORN AND ASSOCIATES, INC.
600 S FIGUEROA STREET, SUITE 2050
LOS ANGELES, CA 90017
PHONE: (213) 261-4057

BASIS OF BEARINGS
THE BEARINGS SHOWN HEREON ARE BASED UPON THE CALIFORNIA COORDINATE SYSTEM OF 1983, CCS83, ZONE 5, (2018.75) IN ACCORDANCE TO THE CALIFORNIA PUBLIC RESOURCES CODE SECTIONS 8801–8819. SAID BEARINGS ARE DETERMINED LOCALLY UPON FIELD–OBSERVED TIES TO THE FOLLOWING LEICA SMARTNET NORTH AMERICA REFERENCE NETWORK STATIONS (C.O.R.S.):

SN.N.A. CALA:
NORTHING = 1861876.14' EASTING = 6488475.40'

SN.N.A. CASM:
NORTHING = 1829162.21' EASTING = 6418730.91'

BENCHMARK
ELEVATIONS SHOWN HEREON ARE BASED UPON LOS ANGELES COUNTY BENCHMARK 11–07050, ELEVATION 280.94 FEET (NAVD 88).

DESCRIPTION:
L.A. COFDC BM DISC "STAMTD 40–11 1946" IN TOP, 5FT N OF S END, OF CONCRETE HANDRAIL AT E SIDE PASADENA AVE BRIDGE OVER PASADENA FREEWAY

SITE INFORMATION
SITE ADDRESS: 141 & 153 WEST AVENUE 34 AND 3401 & 3433 PASADENA AVENUE, LOS ANGELES, CA 90031
PROPERTY AREA: GROSS AREA: 5.035 AC. OR 219,320 SQ. FT.
NET AREA: 5.028 AC. OR 219,035 SQ. FT.
TOTAL GROUND FLOOR AREA OF BUILDINGS: 119,405 SQ. FT.
PARKING COUNT: 133 REGULAR PARKING STALLS
11 CARPORT PARKING STALLS
3 HANDICAP PARKING STALLS
147 TOTAL PARKING STALLS
ASSESSOR'S PARCEL NOS.: 5205–004–003, 5205–004–005, 5205–004–007, 5205–004–011

SURVEYOR OF RECORD
FIELD COMPLETION DATE: JULY 15, 2019

CALVADA SURVEYING, INC.
411 Jenks Cir., Suite 205, Corona, CA 92880
Phone: 951-280-9960 Fax: 951-280-9746
Toll Free: 800-CALVADA www.calvada.com
EST. 1989 JOB NO. 19394

LICENSED LAND SURVEYOR — STATE OF CALIFORNIA — L.S. 7780 — Exp. 12-31-19
Armando D. DuPont
Registration No. 7780

SHEET 1 OF 2

EXHIBIT "A"
Page No. 5 of 22
Case No. DIR-2019-6048-TOC-SPR-WDI

KFA
3573 HAYDEN AVENUE
CULVER CITY, CA 90232
310.399.7975
KFALOSANGELES.COM

AVENUE 34

SITE PLAN REVIEW
135-153 WEST AVENUE 34
LOS ANGELES, CA

R CAP AVENUE 34, LLC
949 S HOPE ST, SUITE 100
LOS ANGELES, CA 90015

THIS DRAWING AND THE INFORMATION CONTAINED HEREON ARE THE COPYRIGHTED WORK OF KELLETT FLEMMING ARCHITECTS AND MAY NOT BE REPRODUCED WITHOUT WRITTEN PERMISSION

SUBMITTAL:
SITE PLAN REVIEW

JOB NUMBER:
19015
DATE:
10.02.19
REVISIONS:

SHEET TITLE:
SITE SURVEY

SHEET NUMBER:
G080

10/2/19 6:29:32 PM

A.L.T.A./N.S.P.S. LAND TITLE SURVEY

141 & 153 West Avenue 34 and 3401 & 3433 Pasadena Avenue, Los Angeles, CA 90031

MONUMENT NOTES	
MON.#	DESCRIPTION
M7	FD 1" IRON PIPE & TAG STAMPED "L.S. 4666", PER R.S. 199/1
M8	FD DISK IN WELL WITH TAG STAMPED "L.A. K--2" C.E.F.B. 14510--B, PER R.S. 199/1
M16	FD GIN SPIKE & WASHER "L.S. 4666", PER R.S. 199/1
M17	FD MAG W/TAG STAMPED "L.A. CITY SURVEYOR" C.E.F.B. 141--221, PG. 517, PER R.S. 199/1
M50	FD MAGNETIC WASHER STAMPED "L.A. CITY SURVEYOR", PER R.S. 199/1
M10006	FD LEAD & TAG STAMPED "L.S. 4666", PER R.S. 199/1

CONTROL POINTS				
CP#	NORTHING	EASTING	ELEVATION	DESCRIPTION
CP3	1853142.10'	6496997.21'	368.13'	SET SCRIBED X
CP4	1853433.48'	6496881.48'	367.10'	SET MAGNETIC NAIL
CP5	1853401.58'	6496952.50'	367.21'	SET MAGNETIC NAIL
CP19	1853383.24'	6496841.89'	366.57'	SET MAGNETIC NAIL

LINE TABLE		
LINE #	DIRECTION	LENGTH
L1	N40°41'16"E	27.84'
L2	N75°32'15"W	38.00'
L3	N15°24'24"W	38.13'
L4	N09°48'56"E	25.09'

LEGEND			
APN	ASSESSOR'S PARCEL NUMBER		GATE
BFV	BACK--FLOW VALVE		GUARD POST
CB	CATCH BASIN		GUY WIRE
℄	CENTER LINE		LIGHT STANDARD
COL	COLUMN	IC	IRRIGATION CONTROL VALVE
DI	DRAIN INLET		PINE TREE
#	DIAMETER OF EXISTING TREE		POST INDICATOR VALVE
DW	DRIVEWAY		POWER POLE
EO	ELECTRIC OUTLET		POWER POLE W/TRANSFORMER
EPB	ELECTRIC PULL BOX		POWER POLE W/LIGHT
FF	FINISH FLOOR	S	SEWER MANHOLE
FL	FLOW LINE	C	SEWER CLEAN OUT
FS	FINISH SURFACE		SIGN
GM	GAS METER		STAIRS SHOWING DOWNWARD DIRECTION
HCR	HANDICAP RAMP	D	STORM DRAIN MANHOLE
INV	INVERT		STREET LIGHT
ICV	IRRIGATION CONTROL VALVE	T	TELECOM MANHOLE
NG	NATURAL GROUND		TREE (TYPICAL)
℄	PROPERTY LINE	UA	UNKNOWN MANHOLE
R/W	RIGHT OF WAY		UTILITY POLE
TB	TOP OF BERM	TW	WATER FAUCET
TC	TOP OF CURB		WATER VALVE
TOP	TOP OF STRUCTURE		BLOCK WALL
WM	WATER METER		CENTER LINE
WV	WATER VAULT		CHAIN LINK FENCE
	ASPHALT PAVEMENT		EDGE OF PAVEMENT
	CAR STOP		EASEMENT LINE
	CONCRETE PAVEMENT		FLOW LINE
	CONTROL POINT	GAS	GAS LINE PAINTED
	DOOR		INTERIOR LOT LINE
	FIRE HYDRANT		OVERHEAD LINE
	FIRE DEPARTMENT CONNECTION		PROPERTY LINE
	FLOW DIRECTION		RIGHT--OF--WAY
	FOUND MONUMENT AS NOTED	SAN	SANITARY SEWER LINE
	GAS METER		STORM DRAIN LINE
	GAS VALVE		WROUGHT IRON FENCE

EXHIBIT "A"
Page No. 6 of 22
Case No. DIR-2019-6048-TOC-SPR-WDI

REVISIONS			
NO.	DATE	REMARKS	BY
0.	07/24/19	SUBMITTAL	RM/MH

UTILITY STATEMENT

BURIED UTILITIES AND/OR PIPELINES SHOWN HEREON ARE PER VISIBLE AND APPARENT SURFACE EVIDENCE, RECORD DRAWINGS OF THE CONSTRUCTED UTILITY LINES OBTAINED FROM RELIABLE AND RESPONSIBLE SOURCES. NOT CONNECTED WITH CALVADA SURVEYING, INC. OR MARKINGS PROVIDED BY AN INDEPENDENT LOCATING CONTRACTOR. NO GUARANTEE OR WARRANTY, EITHER EXPRESSED OR IMPLIED, IS MADE AS TO THE ACCURACY OR THOROUGHNESS OF SUCH INFORMATION. MORE ACCURATE LOCATIONS OF UNDERGROUND UTILITIES AND PIPELINES, IF REQUIRED, THE UTILITIES OR PIPELINE SHALL HAVE TO BE VERIFIED BY FIELD POTHOLING. CALVADA SURVEYING, INC. AND THE SURVEYOR OF RECORD SHALL NOT BE HELD LIABLE FOR THE LOCATION OF, OR THE FAILURE TO NOTE THE LOCATION OF NON--VISIBLE UTILITIES OR PIPELINES.

Underground Service Alert
Call: TOLL FREE
1--800
227--2600
TWO WORKING DAYS BEFORE YOU DIG

PREPARED FOR

KIMLEY--HORN AND ASSOCIATES, INC.
600 S FIGUEROA STREET, SUITE 2050
LOS ANGELES, CA 90017
PHONE: (213) 261--4057

BASIS OF BEARINGS

THE BEARINGS SHOWN HEREON ARE BASED UPON LOS ANGELES COUNTY BENCHMARK 11--07050, ELEVATION 330.94 FEET (NAVD 88).

DESCRIPTION:
L.A. COFCC BM DISC "STMPD 49--11 1946" IN TOP, 5FT N OF S. END, OF CONCRETE HANDRAIL AT E. SIDE PASADENA AVE. BRIDGE OVER PASADENA FREEWAY

BENCHMARK

ELEVATIONS SHOWN HEREON ARE BASED UPON LOS ANGELES COUNTY BENCHMARK 11--07050, ELEVATION 330.94 FEET (NAVD 88).

DESCRIPTION:
L.A. COFCC BM DISC "STMPD 49--11 1946" IN TOP, 5FT N OF S. END, OF CONCRETE HANDRAIL AT E. SIDE PASADENA AVE. BRIDGE OVER PASADENA FREEWAY

SITE INFORMATION

SITE ADDRESS:	141 & 153 WEST AVENUE 34 AND 3401 & 3433 PASADENA AVENUE, LOS ANGELES, CA 90031
PROPERTY AREA:	GROSS AREA: 5.035 AC OR 219,350 SQ. FT. NET AREA: 5.028 AC OR 219,035 SQ. FT.
TOTAL GROUND FLOOR AREA OF BUILDINGS:	119,405 SQ. FT.
PARKING COUNT:	133 REGULAR PARKING STALLS 11 CARPORT PARKING STALLS 3 HANDICAP PARKING STALLS 147 TOTAL PARKING STALLS
ASSESSOR'S PARCEL NOS.:	5205--004--003, 5205--004--005, 5205--004--007, 5205--004--011

SURVEYOR OF RECORD

FIELD COMPLETION DATE: JULY 15, 2019

LICENSED LAND SURVEYOR
L.S. 7780
Exp. 12--31--19
STATE OF CALIFORNIA

Armando D. DuPont
Registration No. 7780

CAL VADA
SURVEYING, INC.
411 Jenks Cir., Suite 205, Corona, CA 92880
Phone: 951--280--9960 Fax: 951--280--9746
Toll Free: 800--CALVADA www.calvada.com
EST. 1989 JOB NO. 19394

SHEET 2 OF 2

KFA
3573 HAYDEN AVENUE
CULVER CITY, CA 90232
310.399.7975
KFALOSANGELES.COM

AVENUE 34

SITE PLAN REVIEW
135--153 WEST AVENUE 34
LOS ANGELES, CA

R CAP AVENUE 34, LLC
949 S HOPE ST, SUITE 100
LOS ANGELES, CA 90015

THIS DRAWING AND THE INFORMATION CONTAINED HEREIN ARE THE COPYRIGHTED WORK OF KELLER FLEMMING ARCHITECTS AND MAY NOT BE REPRODUCED WITHOUT WRITTEN PERMISSION

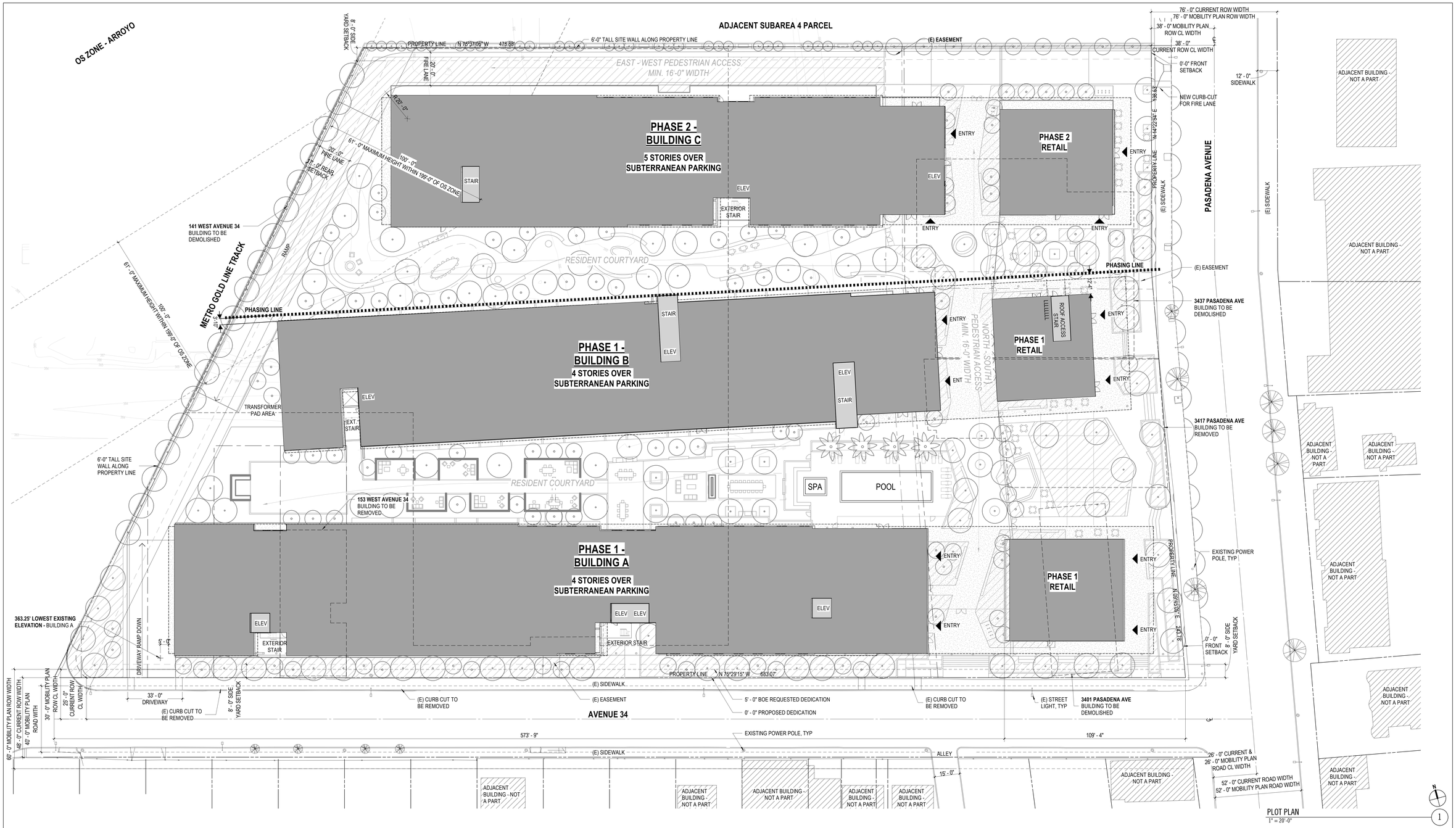
SUBMITTAL:
SITE PLAN REVIEW

JOB NUMBER:
19015
DATE:
10.02.19
REVISIONS:

SHEET TITLE:
SITE SURVEY

SHEET NUMBER:
G081

10/21/19 6:26:17 PM



LEGEND

- PROPOSED GROUND FLOOR FOOTPRINT
- PROPOSED UPPER FLOORS FOOTPRINT
- ACCESSIBLE PATH OF TRAVEL
- INDICATES STRUCTURES TO BE DEMOLISHED
- BUILDING ENTRY

PROJECT INFORMATION

PROJECT NAME:	AVENUE 34
ADDRESS:	123-167 W AVENUE 34, 3401-3437 N PASADENA AVE LOS ANGELES, CA 90031
OWNER:	ED 1125, LLC
APPLICANT	R CAP AVENUE 34, LLC
PROJECT DESCRIPTION:	PROPOSED NEW RETAIL, 468 APARTMENT UNITS & 2 LEVELS OF SUBTERRANEAN PARKING.
WDI REQUEST:	WAIVE ALL DEDICATION AND/OR IMPROVEMENT REQUIREMENTS INCLUDING, BUT NOT LIMITED TO: 5 FT DEDICATION ALONG AVENUE 34; 3 FT WIDENING ALONG AVENUE 34, AND A 15 FT BY 15 FT CHAMFER OR 20 FT RADIUS CORNER CUT ALONG NORTHWEST INTERSECTION OF AVENUE 34 AND PASADENA AVENUE
CONSTRUCTION TYPE:	TYPE IIIA + TYPE VA OVER TYPE IA PODIUM NEW CONSTRUCTION WITH 2 LEVELS TYPE IA SUBTERRANEAN
FLOOD ZONE:	X
SITE AREA:	219,296 SF PER ZIMAS
OCCUPANCY TYPE:	S-2 PARKING GARAGE R-2 RESIDENTIAL M MERCANTILE

LEGAL DESCRIPTION

THE LAND REFERRED TO HEREIN BELOW IS SITUATED IN THE COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, AND IS DESCRIBED AS FOLLOWS:

PARCEL 1:
PARCEL A, IN THE CITY OF LOS ANGELES, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, AS SHOWN ON PARCEL MAP L.A. NO. 541, FILED IN BOOK 5, PAGE 85 OF PARCEL MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY.
EXCEPT FROM THAT PORTION OF SAID LAND INCLUDED WITHIN THE LINES OF THE LAND DESCRIBED AS PARCEL 1 IN DEED RECORDED JUNE 11, 1954 IN BOOK 44787, PAGE 225, OFFICIAL RECORDS ALL OIL, GAS, MINERALS AND OTHER HYDROCRABON SUBSTANCES LYING BELOW THE SURFACE OF SIAD LAND, BUT WITH NO RIGHT OF SURFACE ENTRY, AS PROVIDED IN DEED BOTH RECORDED SEPTEMBER 17, Y1951 IN BOOK 37217, PAGE 371 AND IN BOOK 37217, PAGE 275 OF OFFICIAL RECORDS. ALSO, EXCEPT FROM THAT PORTION OF SAID LAND INCLUDED WITHIN THE LINES OF THE LAND DESCRIBED IN DEED RECORDED AUGUST 22, 1941 IN BOOK 18660, PAGE 227 OFFICIAL RECORDS ALL COAL, OIL AND OIL INORGANIC SUBSTANCES INCLUDING OIL AND NATURAL GAS TOGETHER WITH THE EXCLUSIVE AND PERPETUAL RIGHT TO REMOVE ANY AND ALL SUCH SUBSTANCES AT WITHOUT THE RIGHT TO USE ANY SURFACE OF SIAD LAND, AS RESERVED BY LOS ANGELES AND SALT L[illegible] AND RECORDED [illegible], IN BOOK 44787, PAGE 255 OF OFFICIAL RECORDS.

PARCE[illegible]
LOT 62[illegible]DSON
AND E[illegible] OF LOS
ANGEL[illegible]
RECOR[illegible]FFICE OF
THE C[illegible]MPANY,
RECOR[illegible]K 1261,
PAGE[illegible] OF SAID
COUNTY.

PARCEL 3:
LOT 61 OF THE WHITTAKER RICHARDSON AND ERNEST SUBDIVISION, EAST LOS ANGELES OF GRIFFIN ARROYO LOTS 2 AND 3, IN THE CITY OF LOS ANGELES, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, AS PER MAP RECORDED IN BOOK 10, PAGE 2 OF MISCELLANEOUS RECORDS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY.

PARCEL 4:
PARCEL B, IN THE CITY OF LOS ANGELES, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, AS SHOWN ON PARCEL MAP NO. 541, FILED IN BOOK 5, PAGE 85 OF PARCEL MAPS, IN THE OFFICE OF THE COUNTRY RECORDER OF SAID COUNTY. EXCEPT FROM SAID LAND, ALL OIL GAS, MINERALS AND OTHER HYDROCARBON SUBSTANCES LYING BELOW THE SURFACE OF SAID LAND, BUT WITH NO RIGHT OF SURFACE ENTRY, AS PROVIDED IN DEED RECORDED SEPTEMBER 17, 1951 IN BOOK 37217, PAGE 371 AND IN BOOK 37217, PAGE 275, BOTH OF OFFICIAL RECORDS AND JUNE 11, 1954 IN BOOK 44787, PAGE 255 OF OFFICIAL RECORDS.
ALSO, EXCEPT ALL COAL, OIL AND OIL INORGANIC SUBSTANCES OIL AND NATURAL GAS IN THAT PORTION OF SAID LAND, INCLUDED IN THE LAND DESCRIBED IN THE DEED RECORDED AUGUST 22, 1941 IN BOOK 18660, PAGE 227, OFFICIAL RECORDS.

PARCEL 5:
LOT 3 OF TRACT NO. 23801, IN THE CITY OF LOS ANGELES, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, AS PER MAP RECORDED IN BOOK 582, PAGES 49 AND 50 OF MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY.

APN: 5205-004-003, 005, 007, AND 011

THE ABOVE DESCRIBED PARCEL IS THE SAME LAND DESCRIBED IN CHICAGO TITLE COMPANY, ORDER NO. 00033686-994-X59, AND EFFECTIVE DATE OF JANUARY 12, 2015.

EXHIBIT "A"
Page No. 7 of 22
Case No. DIR-2019-6048-TOC-SPR-WDI

ZONING DATA

ZONING:	[T][Q]CM-2D	**UNITS PROPOSED:**	PHASE 1 = 316 UNITS PHASE 2 = 152 UNITS TOTAL = 468 UNITS
GENERAL PLAN:	COMMERCIAL MANUFACTURING	**ALLOWABLE BLDG HEIGHT:**	UNLIMITED
GROSS LOT SIZE:	219,296 SF PER ZIMAS	**PROPOSED BLDG HEIGHT:**	73' - 0"
BUILDABLE AREA:	207,338 SF	**SETBACKS:**	FRONT - 0'-0" 5'-0" @ 3RD FLOOR *(PER 1 CONDITION)* 10'-0" @ 5TH FLOOR *(PER 1 CONDITION)* SIDE - 5'-0"+1'-0" *FOR EVERY STORY ABOVE 2ND* **8'-0" TOTAL SIDE YARDS** REAR - 15'-0"+1'-0" *FOR EVERY STORY ABOVE 3RD* **17'-0" TOTAL REAR YARD**
BASE DENSITY:	1 DWELLING UNIT/800 SF		
ALLOWABLE DENSITY:	1:800 SF (DEVELOPED PER R3 ZONE) 219,320 SF / 800 SF = 274.15 = 275 UNITS TOC TIER 3 = 275 X 1.70 = 467.5 = 468 UNITS		

FLOOR AREA RATIO

LOT AREA PER ZIMAS
LOT AREA:
219,296 SF
BUILDABLE AREA
(BASED ON A 1-STORY RESIDENTIAL BUILDING):
207,338 SF
MULTIPLIER:
4.5:1
FAR ALLOWED:
4.5:1 PER TOC TIER 3 INCENTIVES
= BUILDABLE AREA X MULTIPLIER
= 207,338 SF X 3.75 = 933,021 SF

PROPOSED FAR:
519,829 SF/207,338 SF
= 2.51:1

MEASUREMENT PER LAMC 12.03:
AREA IN SQUARE FEET CONFINED WITHIN THE EXTERIOR WALLS OF A BUILDING, BUT NOT INCLUDING THE AREA OF THE FOLLOWING: EXTERIOR WALLS, STAIRWAYS, SHAFTS, ROOMS HOUSING BUILDING EQUIPMENT OR MACHINERY, PARKING AREAS WITH ASSOCIATED DRIVEWAYS AND RAMPS, SPACE FOR THE LANDING AND STORAGE OF HELICOPTERS, AND BASEMENT STORAGE AREAS.

Building	LEVEL	AREA (SF)
COMMERCIAL FLOOR AREA		
A - PHASE 1	1ST FLOOR	3960
A - PHASE 1		3960
B - PHASE 1	1ST FLOOR	3424
B - PHASE 1		3424
C - PHASE 2	1ST FLOOR	4042
C - PHASE 2		4042
COMMERCIAL FLOOR AREA		11426

Building	LEVEL	AREA (SF)
RESIDENTIAL FLOOR AREA		
A - PHASE 1	1ST FLOOR	7701
A - PHASE 1	1ST FLOOR	48042
A - PHASE 1	2ND FLOOR	31241
A - PHASE 1	3RD FLOOR	43119
A - PHASE 1	4TH FLOOR	42060
A - PHASE 1	5TH FLOOR	4187
A - PHASE 1		176350
B - PHASE 1	1ST FLOOR	7030
B - PHASE 1	1ST FLOOR	39524
B - PHASE 1	2ND FLOOR	25385
B - PHASE 1	3RD FLOOR	38527
B - PHASE 1	4TH FLOOR	38834
B - PHASE 1		149000

Building	LEVEL	AREA (SF)
C - PHASE 2	1ST FLOOR	6033
C - PHASE 2	1ST FLOOR	49531
C - PHASE 2	Mezzanine	3101
C - PHASE 2	2ND FLOOR	23092
C - PHASE 2	3RD FLOOR	33614
C - PHASE 2	4TH FLOOR	32548
C - PHASE 2	5TH FLOOR	30061
C - PHASE 2		177980
RESIDENTIAL FLOOR AREA		503330
GRAND TOTAL		514756

BICYCLE PARKING

PHASE 1 REQUIRED RESIDENTIAL BIKE PARKING
LONG-TERM:
UNITS 1-25 = 1 PER UNIT = 25/1 = 25 SPACES
UNITS 26-100 = 1 PER 1.5 UNIT = 75/1.5 = 50 SPACES
UNITS 101-200 = 1 PER 2 UNITS = 100/2 = 50 SPACES
UNITS 201-468 = 1 PER 4 UNITS = 114/4 = 28.5 SPACES
= 154 SPACES REQUIRED
SHORT-TERM:
UNITS 1-25 = 1 PER 10 UNITS = 25/10 = 2.5 SPACES
UNITS 26-100 = 1 PER 15 UNITS = 75/15 = 5 SPACES
UNITS 101-200 = 1 PER 20 UNITS = 100/20 = 5 SPACE
UNITS 201-468 = 1 PER 40 UNITS = 114/40 = 2.9 SPACES
= 16 SPACES REQUIRED

PHASE 2 REQUIRED RESIDENTIAL BIKE PARKING
LONG-TERM:
UNITS 1-25 = 1 PER UNIT = 25/1 = 25 SPACES
UNITS 26-100 = 1 PER 1.5 UNIT = 75/1.5 = 50 SPACES
UNITS 101-200 = 1 PER 2 UNITS = 52/2 = 26 SPACES
= 101 SPACES REQUIRED

PHASE 2 REQUIRED RESIDENTIAL BIKE PARKING
SHORT-TERM:
UNITS 1-25 = 1 PER 10 UNITS = 25/10 = 2.5 SPACES
UNITS 26-100 = 1 PER 15 UNITS = 75/15 = 5 SPACES
UNITS 101-200 = 1 PER 20 UNITS = 52/20 = 2.6 SPACE
= 10 SPACES REQUIRED

TOTAL PROVIDED RESIDENTIAL BIKE PARKING
LONG-TERM: 255 SPACES PROVIDED
SHORT-TERM: 26 SPACES PROVIDED

PHASE 1 - REQUIRED COMMERCIAL BIKE PARKING
LONG-TERM:
1 PER 2,000 SF = 11,055/2,000 = 5.5 = 6 SPACES REQUIRED
SHORT-TERM:
1 PER 2,000 SF = 11,055/2,000 = 5.5 = 6 SPACES REQUIRED

PHASE 2 - REQUIRED COMMERCIAL BIKE PARKING
LONG-TERM:
1 PER 2,000 SF = 5,340/2,000 = 2.7 = 3 SPACES REQUIRED
SHORT-TERM:
1 PER 2,000 SF = 5,340/2,000 = 2.7 = 3 SPACES REQUIRED

TOTALPROVIDED COMMERCIAL BIKE PARKING
LONG-TERM: 9 SPACES PROVIDED
SHORT-TERM: 9 SPACES PROVIDED

REQUIRED AUTOMOBILE PARKING

0.5 SPACE REQUIRED PER UNIT PER TOC

PHASE 1 - REQUIRED RESIDENTIAL PARKING
STUDIOS = 158 X 0.5 = 79
1 BEDROOMS = 96 X 0.5 = 48
2 BEDROOMS = 62 X 0.5 = 31
TOTAL REQ'D PARKING = 158 SPACES

PHASE 2 - REQUIRED RESIDENTIAL PARKING
STUDIOS = 64 X 0.5 = 32
1 BEDROOMS = 56 X 0.5 = 28
2 BEDROOMS = 32 X 0.5 = 16
TOTAL REQ'D PARKING = 76 SPACES

TOTAL REQUIRED RESIDENTIAL PARKING = 234 SPACES

PARKING REQUIRED COMMERCIAL

NAME	SF	REQ'D PARKING STALLS
RETAIL A	5,475 SF	08
RETAIL B	5,580 SF	08
RETAIL C	5,340 SF	08
Grand total: 3	16,395 SF	24

ENTRPRISE ZONE = 1 STALL PER 500 SF
16,395/500 = 33 spaces
TOC Tier 3 = 30% reduction in non-residential parking
33 x 0.70 = 24 required commercial parking spaces
PHASE 1 REQUIRED RETAIL PARKING = 16 SPACES
PHASE 2 REQUIRED RETAIL PARKING = 8 SPACES

PROPOSED AUTOMOBILE PARKING

PARKING SCHEDULE (PER USE)	
COMMERCIAL	24
RESIDENTIAL	*287
	*311

***53 NON-REQUIRED RESIDENTIAL SPACES PROVIDED**
ALL PARKING PROVIDED IN PHASE 1, THEREFORE 53 NON-REQUIRED RESIDENTIAL PARKING SPACES + 8 NON-REQUIRED RETAIL PARKING SPACES PROVIDED IN PHASE 1

REQUIRED OPEN SPACE

OPEN SPACE REQUIREMENTS PER LAMC 12.21 G:
- 100 SF/UNIT < 3 HABITABLE ROOMS (STUDIO & 1 BEDROOM UNITS)
- 125 SF/UNIT = 3 HABITABLE ROOMS (2 BEDROOM UNITS)
- 175 SF/UNIT > 3 HABITABLE ROOMS (3 BR UNITS)

NOTE:
1. A KITCHEN IS NOT CONSIDERED A HABITABLE ROOM FOR PURPOSES OF CALCULATING OPEN SPACE.

PERCENT OF LANDSCAPED OPEN SPACE
LANDSCAPED OPEN 50% = 24,575 SF

TREES - REQUIRED: 219 TREES
TREES PROVIDED: 219 TREES *(SEE LANDSCAPE DWGS.)*

PHASE 1 - REQUIRED OPEN SPACE
STUDIOS = 158 X 100 SF = 15,800 SF
1 BEDROOMS = 96 X 100 SF = 9,600 SF
2 BEDROOMS = 62 X 125 SF = 7,750 SF
TOTAL REQ'D = 33,150 SF

PHASE 2 - REQUIRED RESIDENTIAL PARKING
STUDIOS = 64 X 100 = 6,400 SF
1 BEDROOMS = 56 X 100 = 5,600 SF
2 BEDROOMS = 32 x 125 = 4,000 SF
TOTAL REQ'D PARKING = 16,000 SF

TOTAL REQUIRED RESIDENTIAL OPEN SPACE = 49,150 SF

PROPOSED OPEN SPACE

NAME	LEVEL	AREA (SF)
PHASE 1		
COMMON OPEN SPACE: INTERIOR AMENITY - PHASE 1	1ST FLOOR	3757
COMMON OPEN SPACE: SOUTH COURTYARD - PHASE 1	1ST FLOOR	29395
		33152
PHASE 2		
COMMON OPEN SPACE: INTERIOR AMENITY - PHASE 2	1ST FLOOR	1024
COMMON OPEN SPACE: NORTH COURTYARD - PHASE 2	1ST FLOOR	14976
		16000
GRAND TOTAL		49152

KFA
3573 HAYDEN AVENUE
CULVER CITY, CA 90232
310.399.7975
KFALOSANGELES.COM

AVENUE 34

SITE PLAN REVIEW
135-153 WEST AVENUE 34
LOS ANGELES, CA

R CAP AVENUE 34, LLC
949 S HOPE ST, SUITE 100
LOS ANGELES, CA 90015

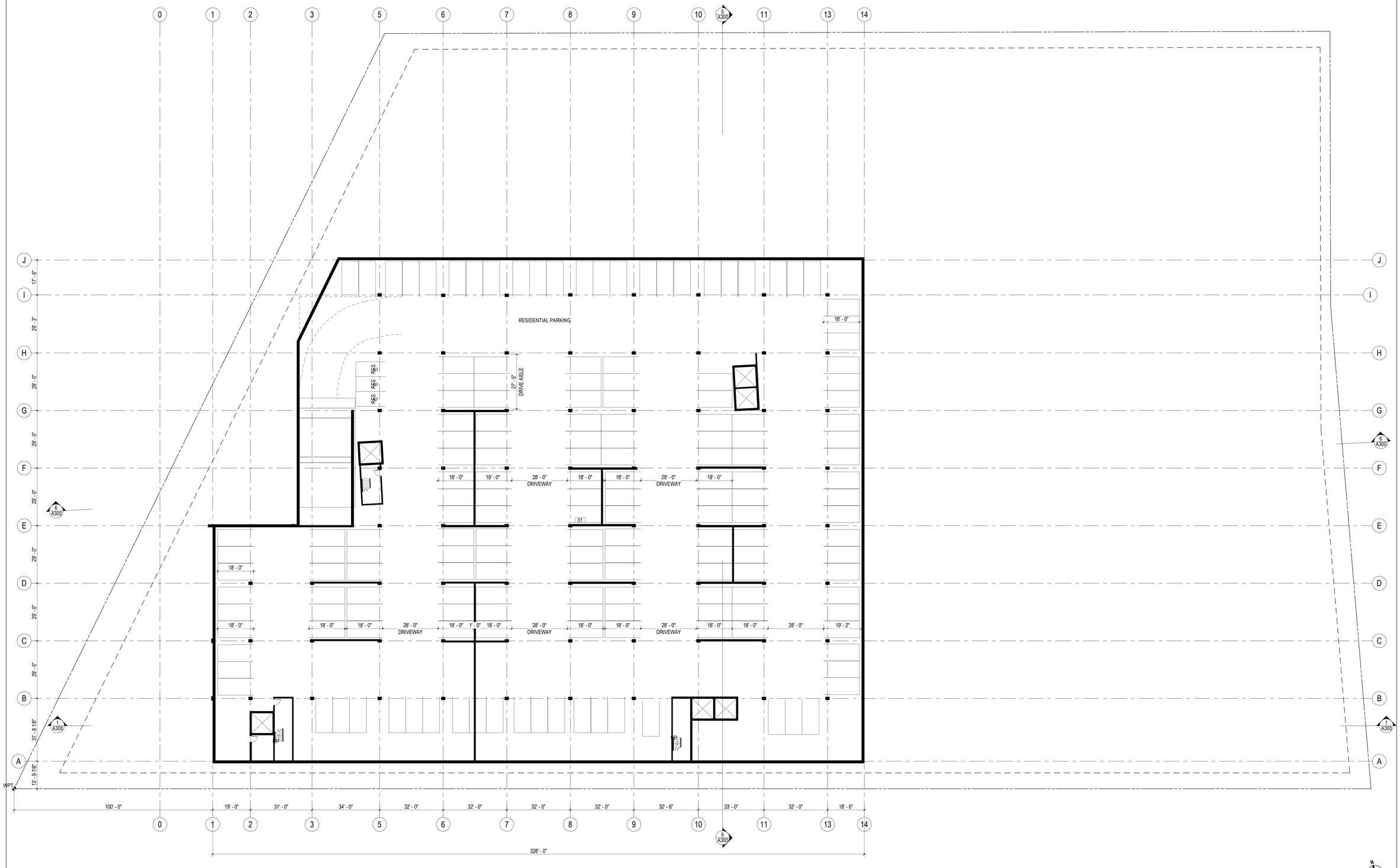
THIS DRAWING AND THE INFORMATION CONTAINED HEREIN ARE THE COPYRIGHTED WORK OF KELLETT FLEMMING ARCHITECTS AND MAY NOT BE REPRODUCED WITHOUT WRITTEN PERMISSION.

SUBMITTAL:
SITE PLAN REVIEW
JOB NUMBER:
19015
DATE:
03.02.20
REVISIONS:

SHEET TITLE:
PLOT PLAN

SHEET NUMBER:
A000

3/2/20 4:03:21 PM



LEVEL P2 PLAN - OVERALL
1/16" = 1'-0"

5

NOTES

01

EXHIBIT "A"
Page No. 8 of 22
Case No. DIR-2019-6048-TOC-SPR-WDI

AVENUE 34

SITE PLAN REVIEW
135-153 WEST AVENUE 34
LOS ANGELES, CA

R CAP AVENUE 34, LLC
949 S HOPE ST, SUITE 100
LOS ANGELES, CA 90015

SUBMITTAL
SITE PLAN REVIEW

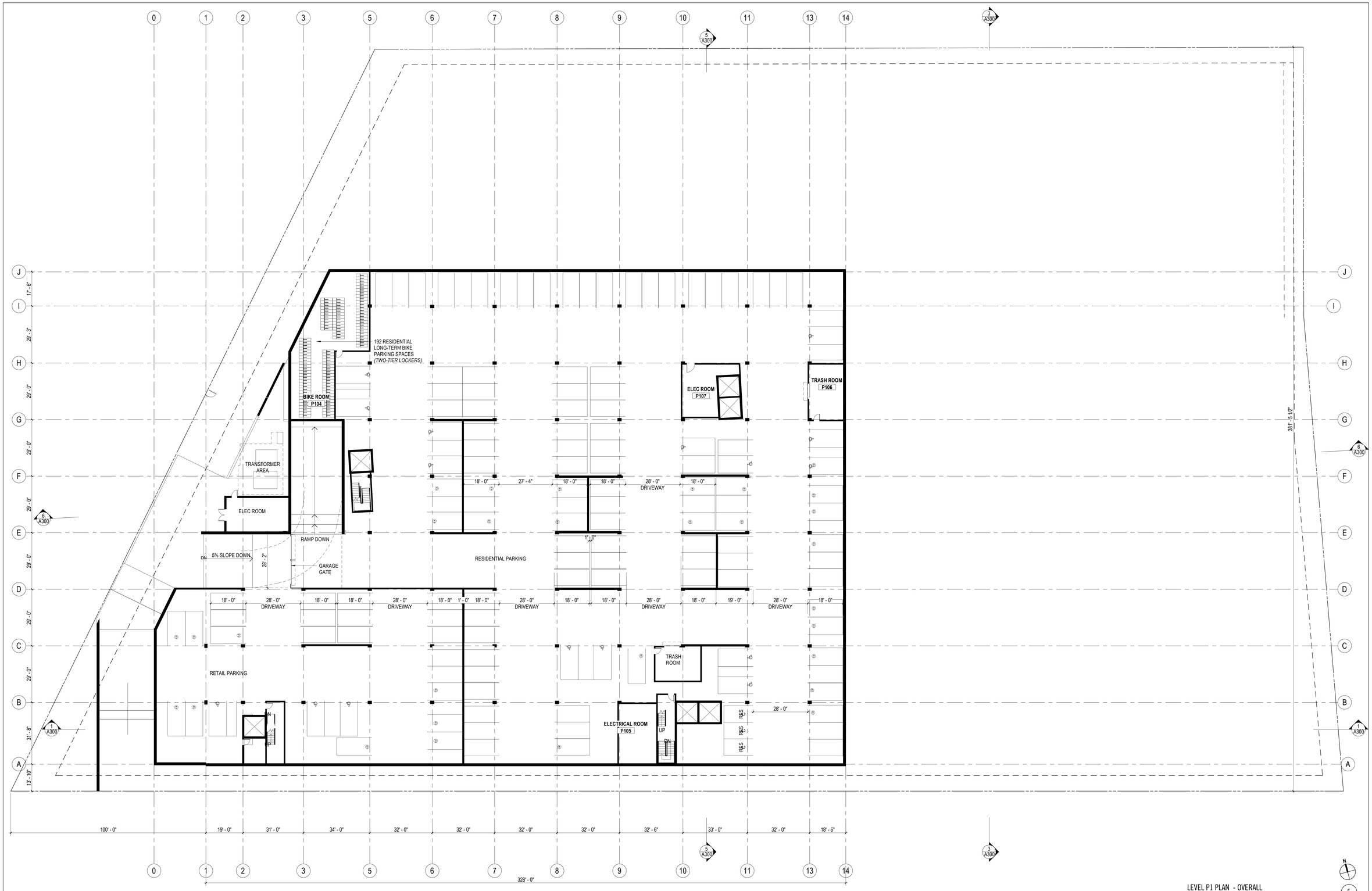
JOB NUMBER
19015

DATE
03.02.20

REVISIONS

SHEET TITLE
OVERALL LEVEL P2 PLAN

SHEET NUMBER
A100



LEVEL P1 PLAN - OVERALL
1/16" = 1'-0"

01

EXHIBIT "A"
Page No. 9 of 22
Case No. DIR-2019-6048-TOC-SPR-WDI

AVENUE 34

SITE PLAN REVIEW
135-153 WEST AVENUE 34
LOS ANGELES, CA

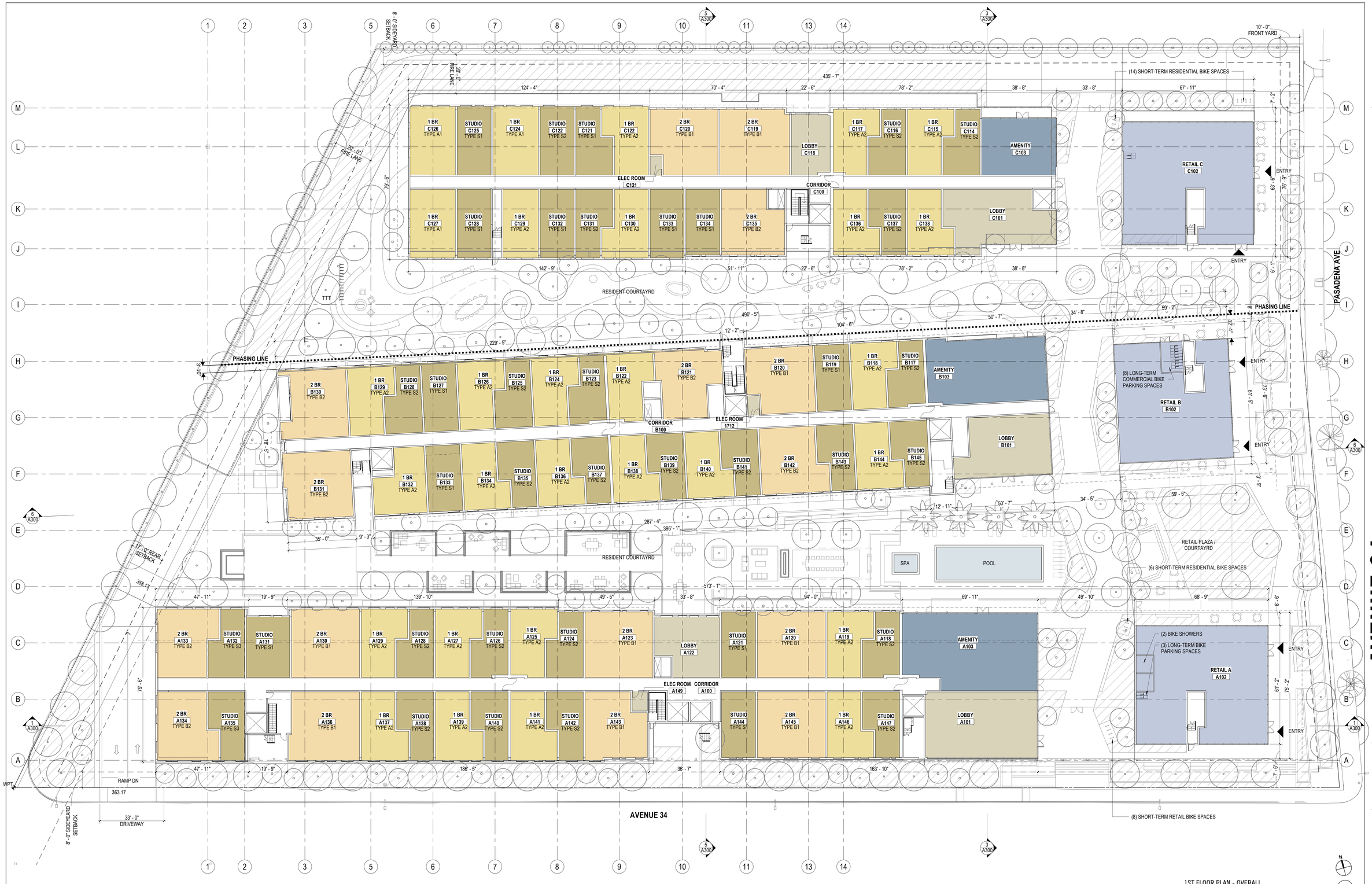
R CAP AVENUE 34, LLC
949 S HOPE ST, SUITE 100
LOS ANGELES, CA 90015

SUBMITTAL:
SITE PLAN REVIEW

JOB NUMBER:
19015
DATE:
03.02.20
REVISIONS:

SHEET TITLE:
OVERALL LEVEL P1 PLAN

SHEET NUMBER:
A101



1ST FLOOR PLAN - OVERALL
1/16" = 1'-0"

01

EXHIBIT "A"
Page No. 10 of 22
Case No DIR-2019-6048-TOC-SPR-WDI

AVENUE 34

SITE PLAN REVIEW
135-153 WEST AVENUE 34
LOS ANGELES, CA

R CAP AVENUE 34, LLC
949 S HOPE ST, SUITE 100
LOS ANGELES, CA 90015

SUBMITTAL
SITE PLAN REVIEW

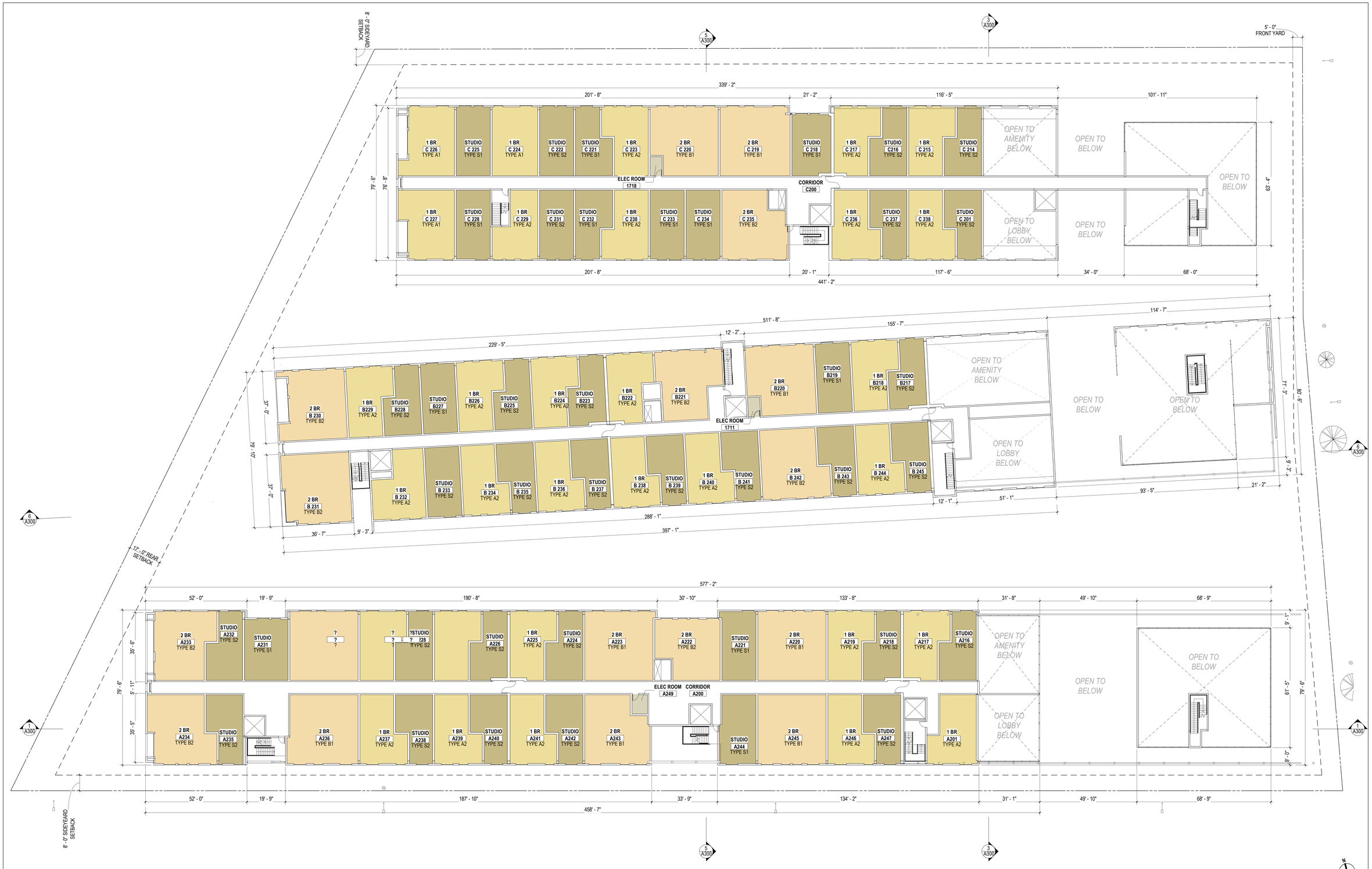
JOB NUMBER
19015

DATE
10.02.19

REVISIONS

SHEET TITLE
OVERALL FIRST FLOOR PLAN

SHEET NUMBER
A110



2ND FLOOR PLAN - OVERALL
1/16" = 1'-0"

5

01

EXHIBIT "A"
Page No. 11 of 22
Case No. DIR-2019-6048-TOC-SPR-WDI

AVENUE 34

SITE PLAN REVIEW
135-153 WEST AVENUE 34
LOS ANGELES, CA

R CAP AVENUE 34, LLC
949 S HOPE ST, SUITE 100
LOS ANGELES, CA 90015

SUBMITTAL
SITE PLAN REVIEW

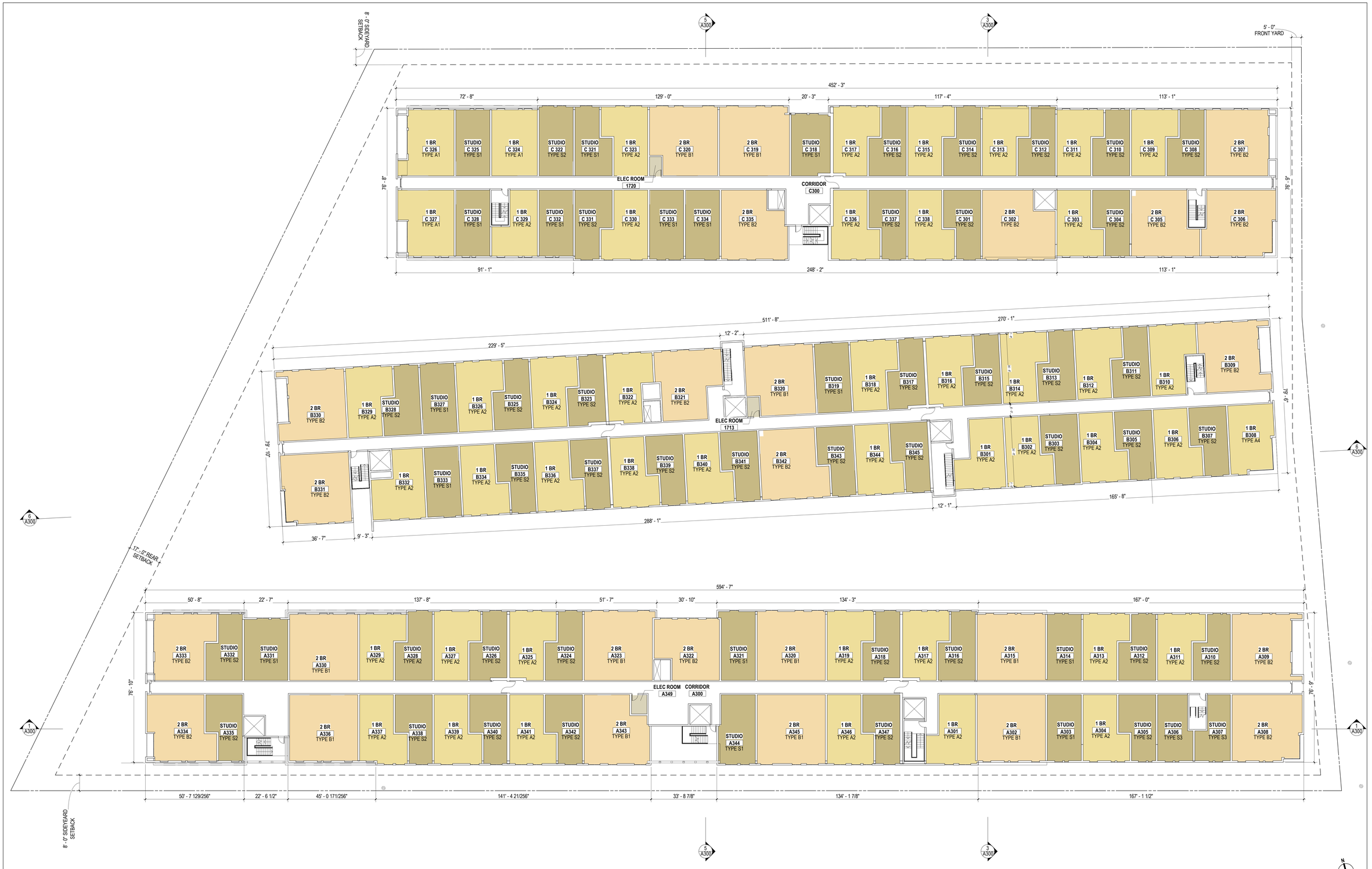
JOB NUMBER
19015

DATE
10.02.19

REVISIONS

SHEET TITLE
OVERALL SECOND FLOOR PLAN

SHEET NUMBER
A120



3RD FLOOR PLAN - OVERALL
1/16" = 1'-0"

5

01

EXHIBIT "A"
Page No. 12 of 22
Case No. DIR-2019-6048-TOC-SPR-WDI

AVENUE 34
SITE PLAN REVIEW
135-153 WEST AVENUE 34
LOS ANGELES, CA

R CAP AVENUE 34, LLC
949 S HOPE ST, SUITE 100
LOS ANGELES, CA 90015

SUBMITTAL
SITE PLAN REVIEW
JOB NUMBER
19015
DATE
10.02.19
REVISIONS

SHEET TITLE
OVERALL THIRD FLOOR PLAN

SHEET NUMBER
A130

4TH FLOOR PLAN - OVERALL
1/16" = 1'-0"

5

01

EXHIBIT "A"
Page No. 13 of 22
Case No. DIR-2019-6048-TOC-SPR-WDI

AVENUE 34

SITE PLAN REVIEW
135-153 WEST AVENUE 34
LOS ANGELES, CA

R CAP AVENUE 34, LLC
949 S HOPE ST, SUITE 100
LOS ANGELES, CA 90015

SUBMITTAL
SITE PLAN REVIEW

JOB NUMBER
19015
DATE
10.02.19
REVISIONS

SHEET TITLE
OVERALL FOURTH FLOOR PLAN

SHEET NUMBER
A140

5TH FLOOR PLAN - OVERALL
1/16" = 1'-0"

5

01

EXHIBIT "A"
Page No. 14 of 22
Case No. DIR-2019-6048-TOC-SPR-WDI

AVENUE 34

SITE PLAN REVIEW
135-153 WEST AVENUE 34
LOS ANGELES, CA

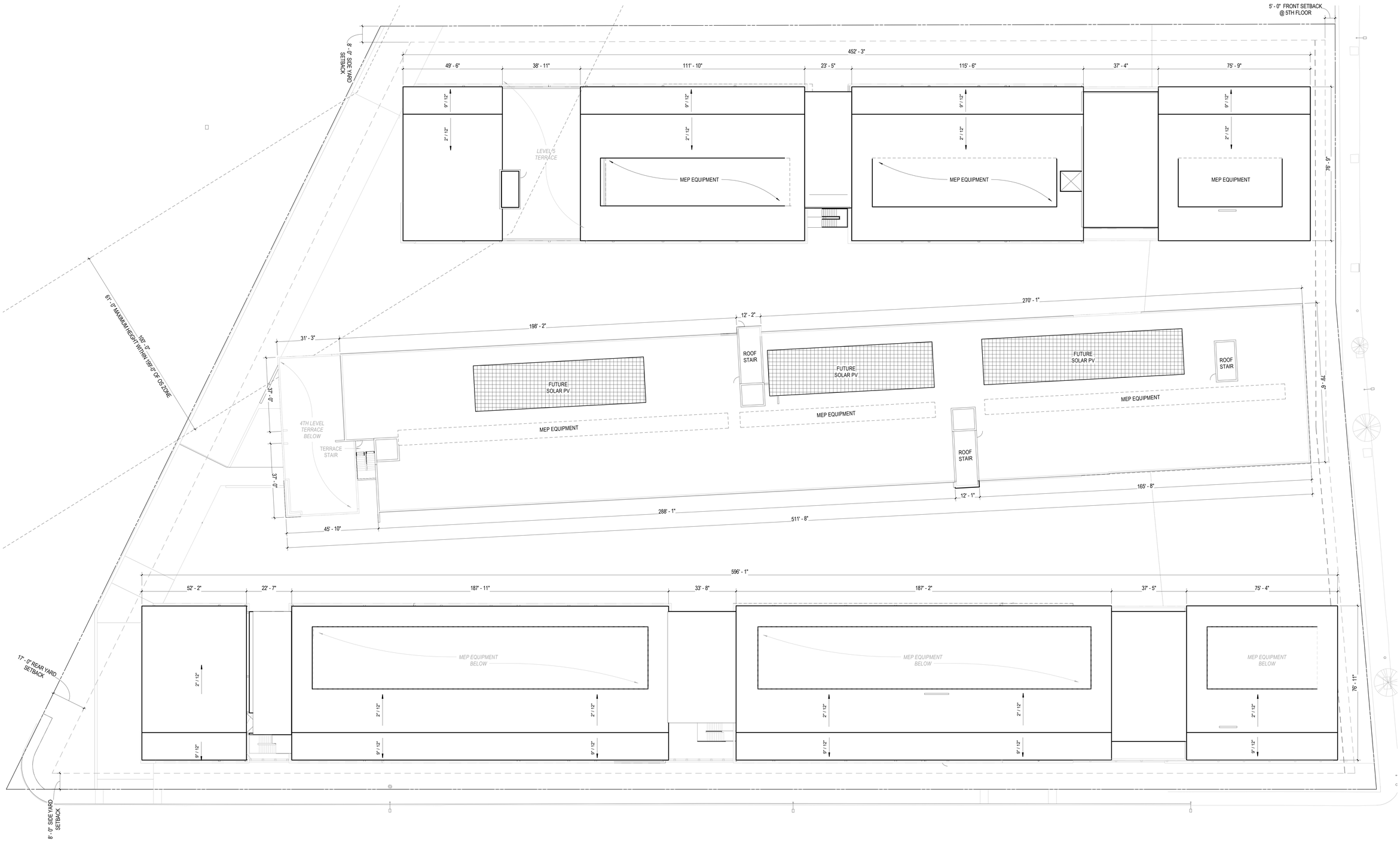
R CAP AVENUE 34, LLC
949 S HOPE ST, SUITE 100
LOS ANGELES, CA 90015

SUBMITTAL
SITE PLAN REVIEW

JOB NUMBER
19015
DATE
10.02.19
REVISIONS

SHEET TITLE
OVERALL FIFTH FLOOR PLAN

SHEET NUMBER
A150



ROOF PLAN
1/16" = 1'-0"

5

01

EXHIBIT "A"
Page No. 15 of 22
Case No. DIR-2019-6048-TOC-SPR-WDI

AVENUE 34

SITE PLAN REVIEW
135-153 WEST AVENUE 34
LOS ANGELES, CA

R CAP AVENUE 34, LLC
949 S HOPE ST, SUITE 100
LOS ANGELES, CA 90015

SUBMITTAL
SITE PLAN REVIEW

JOB NUMBER
19015

DATE
10.02.19

REVISIONS

SHEET TITLE
OVERALL ROOF PLAN

SHEET NUMBER
A160

SOUTH ELEVATION - AVENUE 34

NORTH ELEVATION - AVENUE 34

Q-CONDITIONS

BUILDING DESIGN

a.) A break in the building wall along Figueroa Street or Pasadena Avenue shall only be permitted when vehicular access cannot be obtained from side streets or private alleyways, as determined by LADOT. The break in the wall, when permitted, shall not exceed a distance of the linear feet required for driveways and other vehicular access. When vehicular access must be taken from the primary street, the driveway entry gate shall be recessed from the sidewalk by a minimum of 20 feet.
b. All ground floor storefronts in new buildings that are greater than 30 feet in length shall provide architectural features on the building façade that will help to create a pattern along the street frontage and avoid the presence of a monotonous façade through the use of vertical elements, such as columns, placed in a pattern, or recesses in the façade, at minimum intervals of 20 feet.
c. All facades on new buildings shall be designed with articulation that provides relief for every 20 horizontal feet and 15 vertical feet.
d. The front elevation of all new structures shall be stepped back a minimum of five (5) feet from the front property line at the third story and again at the fifth story.
e. Wall openings, such as windows and doors, shall occupy at least 70 percent of the ground floor street façade along Pasadena Avenue and Figueroa Street.
f. Storefront windows shall be a minimum of 18 vertical inches and a maximum of 36 vertical inches from sidewalk grade.

ARCHITECTURAL DETAILS

a. Articulation and architectural detail shall be applied equally on all building elevations.
b. All balconies shall be flush with the exterior wall and made of an opaque materials for the first four feet.
c. All balconies shall be of a usable dimension, a minimum of six feet wide.
d. Building entrances shall meet the following criteria:
(i) All projects shall provide a prominent residential entry that is accessible from the public right-of-way abutting the front yard; and
(ii) Each commercial premise shall provide a front door that is accessible from the public right-of-way abutting the front yard.
e. All buildings shall provide security lighting for pedestrians on the ground floor of building facades fronting public rights-of-way.
f. Windows shall allow a minimum of gO-percent light transmission. Nonreflective glass shall be used to allow maximum visibility from the sidewalk areas into the interior of all commercial uses.
g. Storefront windows shall be recessed at least 3 inches from the front plane of the building.
h. Where awnings and canopies are used on storefronts greater than 25 feet in length, one awning or canopy shall be provided for each structural bay where such bays exist.
i. Awnings and canopies shall project a maximum of 36-inches into the sidewalk.
j. Awnings and canopies shall be attached to the building, without support poles on the sidewalk.
k. All rooflines that exceed 40 linear feet shall provide some kind of relief either through the application of a gable, dormer, change of material or other type of articulation.

WALLS AND FENCES

a. Exterior walls shall be treated with graffiti resistant-surfaces. Such treatment may include specialized coatings and the installation of vegetation.
b. All free-standing walls shall provide a break in plane, or a change in material, or an opening in the surface of the wall at minimum every 20 feet in horizontal length, or by an articulation or architectural detail such as a staggered wall, an indentation, patterned block or a symmetrical spacing of columns at minimum every 20 feet.
c. Free-standing walls or fences shall not use barbed wire or razor wire to adorn the tops of walls within view of the public right-of-way.
d. Walls or fences in the front yard shall not exceed 42 inches in height, as measured from the lowest adjacent grade, and shall be constructed of transparent decorative materials that are integrated into the design and architecture of the building.
e. Where taller walls or fences, up to a maximum of 6 feet in height, are required for security reasons, the fence or wall shall be located inside the setback landscape buffer, integrated into the architecture of the building and screened by landscaping or otherwise designed to be obscured from view from the public way. This condition applies to walls or fences in side or rear yards only.

MECHANICAL, SECURITY, & TRASH EQUIPMENT

a. All service areas and loading docks shall be located at the rear of structures.
b. All exterior rooftop and ground level mechanical equipment, including HV AC equipment, exhaust fans and satellite dishes shall be screened from public view.
c. All service areas shall be enclosed or completely screened from public view. Enclosures shall consist of fencing, walls, or landscaping.
d. Exterior security grills or permanently affixed security bars shall be prohibited.
e. Interior security grils shall be retractable and shall recess completely into pockets that completely conceal the grill when it is retracted. Such pockets shall be integrated into the design ot the building.
f. Roll-down security grills that conceal storefront windows shall be prohibited.

ENVIRONMENTAL CONDITIONS

1. Aesthetics (Landscaping)
All open areas not used for buildings, driveways, parking areas, recreational facilities or walks shall be attractively landscaped and maintained in accordance with a landscape plan, including an automatic irrigation plan, prepared by a licensed landscape architect to the satisfaction of the Planning Department.

2. Aesthetics (Surface Parking)
A minimum of one 24-inch box tree (minimum trunk diameter of two inches and a height of eight feet at the time of planting) shall be planted for every four new surface parking spaces. The trees shall be dispersed within the parking area so as to shade the surface parking area and shall be protected by a minimum 6-inch high curb and landscape. An automatic irrigation plan shall be approved by the City Planning Department.

3. Aesthetics (Graffiti)
The owners shall maintain the subject property clean and free of debris and rubbish and to promptly remove any graffiti from the walls, pursuant to Municipal Code Sections 91.8101-F, 91.8904-1 and 91.1707-E. Exterior walls of new commercial and residential buildings of other than glass may be covered with clinging vines, screened by oleander trees or similar vegetation capable of covering or screening entire walls up to heights of at least 9-feet, excluding windows and signs or the walls may be covered with graffti proof coatings.

4. Aesthetics (Signage)
On-site signs are limited to the maximum allowable under the Municipal Code. Multiple temporary signs in the store windows and along the building walls shall be prohibited.

ENVIRONMENTAL CONDITIONS (CONTINUED)

5. Aesthetics (Light)
Outdoor lighting shall be designed and installed with shielding so that the light source cannot be seen from adjacent residential properties.

6. Aesthetics (Glare)
The exterior of the proposed building shall be constructed of materials such as high-performance tinted non-reflective glass and pre-cast concrete or fabricated wall surfaces.

EXHIBIT "A"
Page No. 16 of 22
Case No. DIR-2019-6048-TOC-SPR-WDI

KFA
3573 HAYDEN AVENUE
CULVER CITY, CA 90232
310.399.7975
KFALOSANGELES.COM

AVENUE 34

100% DESIGN DEVELOPMENT

135-153 WEST AVENUE 34
LOS ANGELES, CA

R CAP AVENUE 34, LLC
949 S HOPE ST, SUITE 100
LOS ANGELES, CA 90015

THIS DRAWING AND THE INFORMATION CONTAINED HEREIN ARE THE COPYRIGHTED WORK OF KELLER FLAMMANG ARCHITECTS AND MAY NOT BE REPRODUCED WITHOUT WRITTEN PERMISSION

SUBMITTAL
100% DESIGN DEVELOPMENT

JOB NUMBER
19015

DATE
04.10.20

REVISIONS

SHEET TITLE
NORTH/SOUTH ELEVATION

SHEET NUMBER
A200.

4/27/20 3:23:29 PM

EAST ELEVATION - PASADENA AVE

WEST ELEVATION

Q-CONDITIONS

BUILDING DESIGN

a) A break in the building wall along Figueroa Street or Pasadena Avenue shall only be permitted when vehicular access cannot be obtained from side streets or private alleyways, as determined by LADOT. The break in the wall, when permitted, shall not exceed a distance of the linear feet required for driveways and other vehicular access. When vehicular access must be taken from the primary street, the driveway entry gate shall be recessed from the sidewalk by a minimum of 20 feet.
b. All ground floor storefronts in new buildings that are greater than 30 feet in length shall provide architectural features on the building façade that will help to create a pattern along the street frontage and avoid the presence of a monotonous façade through the use of vertical elements, such as columns, placed in a pattern, or recesses in the façade, at minimum intervals of 20 feet.
c. All facades on new buildings shall be designed with articulation that provides relief for every 20 horizontal feet and 15 vertical feet.
d. The front elevation of all new structures shall be stepped back a minimum of five (5) feet from the front property line at the third story and again at the fifth story.
e. Wall openings, such as windows and doors, shall occupy at least 70 percent of the ground floor street façade along Pasadena Avenue and Figueroa Street.
f. Storefront windows shall be a minimum of 18 vertical inches and a maximum of 36 vertical inches from sidewalk grade.

ARCHITECTURAL DETAILS

a. Articulation and architectural detail shall be applied equally on all building elevations.
b. All balconies shall be flush with the exterior wall and made of an opaque materials for the first four feet.
c. All balconies shall be of a usable dimension, a minimum of six feet wide.
d. Building entrances shall meet the following criteria:
(i) All projects shall provide a prominent residential entry that is accessible from the public right-of-way abutting the front yard; and
(ii) Each commercial premise shall provide a front door that is accessible from the public right-of-way abutting the front yard.
e. All buildings shall provide security lighting for pedestrians on the ground floor of building facades fronting public rights-of-way.
f. Windows shall allow a minimum of gO-percent light transmission. Nonreflective glass shall be used to allow maximum visibility from the sidewalk areas into the interior of all commercial uses.
g. Storefront windows shall be recessed at least 3 inches from the front plane of the building.
h. Where awnings and canopies are used on storefronts greater than 25 feet in length, one awning or canopy shall be provided for each structural bay where such bays exist.
i. Awnings and canopies shall project a maximum of 36-inches into the sidewalk.
j. Awnings and canopies shall be attached to the building, without support poles on the sidewalk.
k. All rooflines that exceed 40 linear feet shall provide some kind of relief either through the application of a gable, dormer, change of material or other type of articulation.

WALLS AND FENCES

a. Exterior walls shall be treated with graffti resistant-surfaces. Such treatment may include specialized coatings and the installation of vegetation.
b. All free-standing walls shall provide a break in plane, or a change in material, or an opening in the surface of the wall at minimum every 20 feet in horizontal length, or by an articulation or architectural detail such as a staggered wall, an indentation, patterned block or a symmetrical spacing of columns at minimum every 20 feet.
c. Free-standing walls or fences shall not use barbed wire or razor wire to adorn the tops of walls within view of the public right-of-way.
d. Walls or fences in the front yard shall not exceed 42 inches in height, as measured from the lowest adjacent grade, and shall be constructed of transparent decorative materials that are integrated into the design and architecture of the building.
e. Where taller walls or fences, up to a maximum of 6 feet in height, are required for security reasons, the fence or wall shall be located inside the setback landscape buffer, integrated into the architecture of the building and screened by landscaping or otherwise designed to be obscured from view from the public way. This condition applies to walls or fences in side or rear yards only.

MECHANICAL, SECURITY, & TRASH EQUIPMENT

a. All service areas and loading docks shall be located at the rear of structures.
b. All exterior rooftop and ground level mechanical equipment, including HV AC equipment, exhaust fans and satellite dishes shall be screened from public view.
c. All service areas shall be enclosed or completely screened from public view. Enclosures shall consist of fencing, walls, or landscaping.
d. Exterior security grills or permanently affixed security bars shall be prohibited.
e. Interior security grils shall be retractable and shall recess completely into pockets that completely conceal the grill when it is retracted. Such pockets shall be integrated into the design ot the building.
f. Roll-down security grills that conceal storefront windows shall be prohibited.

ENVIRONMENTAL CONDITIONS

1. Aesthetics (Landscaping)
All open areas not used for buildings, driveways, parking areas, recreational facilities or walks shall be attractively landscaped and maintained in accordance with a landscape plan, including an automatic irrigation plan, prepared by a licensed landscape architect to the satisfaction of the Planning Department.

2. Aesthetics (Surface Parking)
A minimum of one 24-inch box tree (minimum trunk diameter of two inches and a height of eight feet at the time of planting) shall be planted for every four new surface parking spaces. The trees shall be dispersed within the parking area so as to shade the surface parking area and shall be protected by a minimum 6-inch high curb and landscape. An automatic irrigation plan shall be approved by the City Planning Department.

3. Aesthetics (Graffiti)
The owners shall maintain the subject property clean and free of debris and rubbish and to promptly remove any graffiti from the walls, pursuant to Municipal Code Sections 91.8101-F, 91.8904-1 and 91.1707-E. Exterior walls of new commercial and residential buildings of other than glass may be covered with clinging vines, screened by oleander trees or similar vegetation capable of covering or screening entire walls up to heights of at least 9-feet, excluding windows and signs or the walls may be covered with graffti proof coatings.

4. Aesthetics (Signage)
On-site signs are limited to the maximum allowable under the Municipal Code. Multiple temporary signs in the store windows and along the building walls shall be prohibited.

ENVIRONMENTAL CONDITIONS (CONTINUED)

5. Aesthetics (Light)
Outdoor lighting shall be designed and installed with shielding so that the light source cannot be seen from adjacent residential properties.

6. Aesthetics (Glare)
The exterior of the proposed building shall be constructed of materials such as high-performance tinted non-reflective glass and pre-cast concrete or fabricated wall surfaces.

EXHIBIT "A"
Page No. 17 of 22
Case No. DIR-2019-6048-TOC-SPR-WDI

KFA
3573 HAYDEN AVENUE
CULVER CITY, CA 90232
310.399.7975
KFALOSANGELES.COM

AVENUE 34
SITE PLAN REVIEW
135-153 WEST AVENUE 34
LOS ANGELES, CA

R CAP AVENUE 34, LLC
949 S HOPE ST, SUITE 100
LOS ANGELES, CA 90015

THIS DRAWING AND THE INFORMATION CONTAINED HEREIN ARE THE COPYRIGHTED WORK OF KELLER FLAMMING ARCHITECTS AND MAY NOT BE REPRODUCED WITHOUT WRITTEN PERMISSION

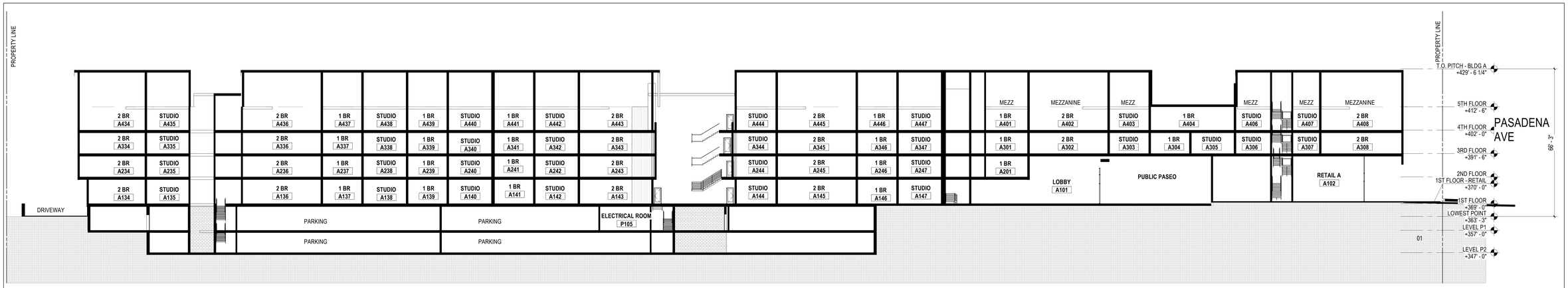
SUBMITTAL:
SITE PLAN REVIEW

JOB NUMBER:
19015
DATE:
10.02.19
REVISIONS:

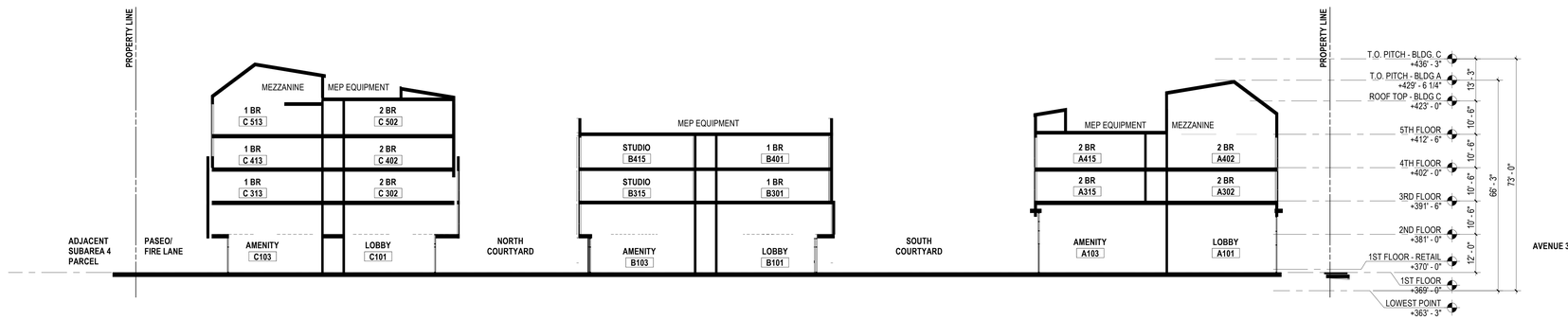
SHEET TITLE:
EAST/WEST ELEVATIONS

SHEET NUMBER:
A201

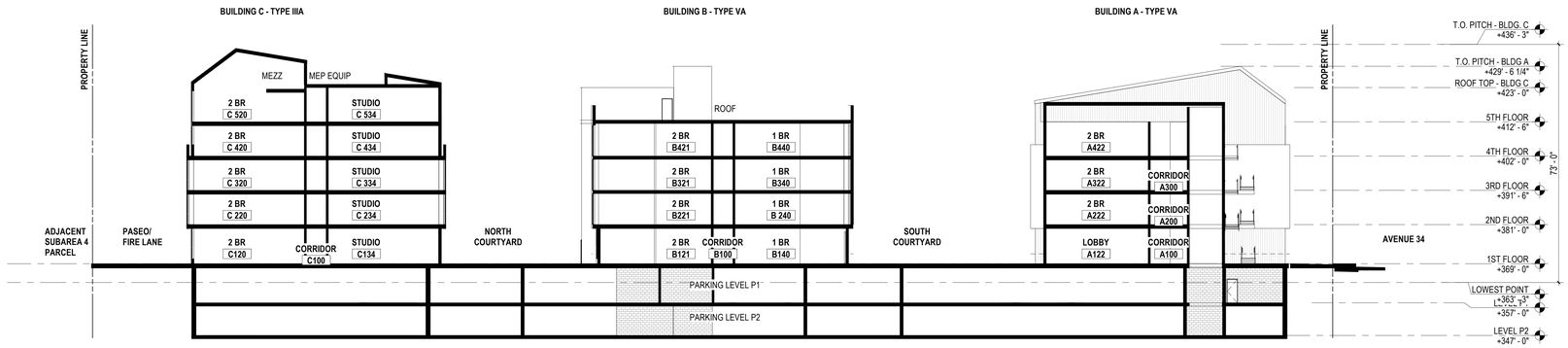
10/2/19 6:29:23 PM



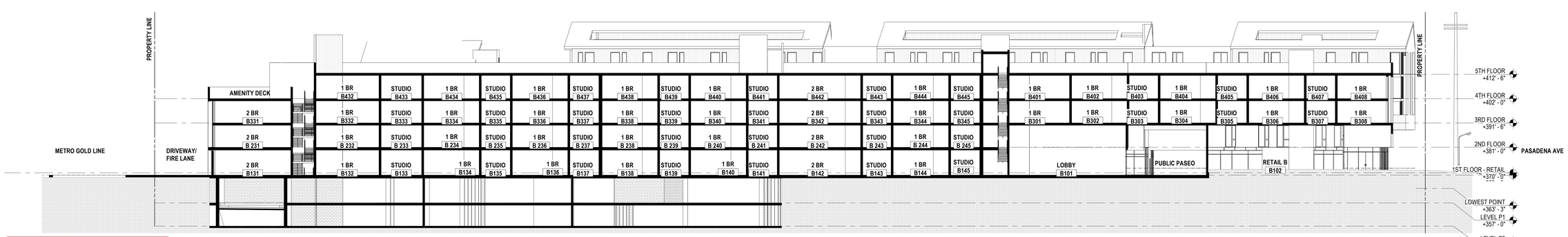
LONGITUDINAL SECTION
1/16" = 1'-0" 1



SECTION THROUGH COURTYARDS
1/16" = 1'-0" 3



SECTION THROUGH SITE
1/16" = 1'-0" 5



SECTION THROUGH BLDG. B
1/16" = 1'-0" 6

EXHIBIT "A"
Page No. 18 of 22
Case No. DIR-2019-6048-TOC-SPR-WDI

KFA
3573 HAYDEN AVENUE
CULVER CITY, CA 90232
310.399.7975
KFALOSANGELES.COM

AVENUE 34

SITE PLAN REVIEW

135-153 WEST AVENUE 34
LOS ANGELES, CA

R CAP AVENUE 34, LLC
949 S HOPE ST, SUITE 100
LOS ANGELES, CA 90015

THIS DRAWING AND THE INFORMATION CONTAINED HEREON ARE THE COPYRIGHTED WORK OF KELLETT FLAMMING ARCHITECTS AND MAY NOT BE REPRODUCED WITHOUT WRITTEN PERMISSION.

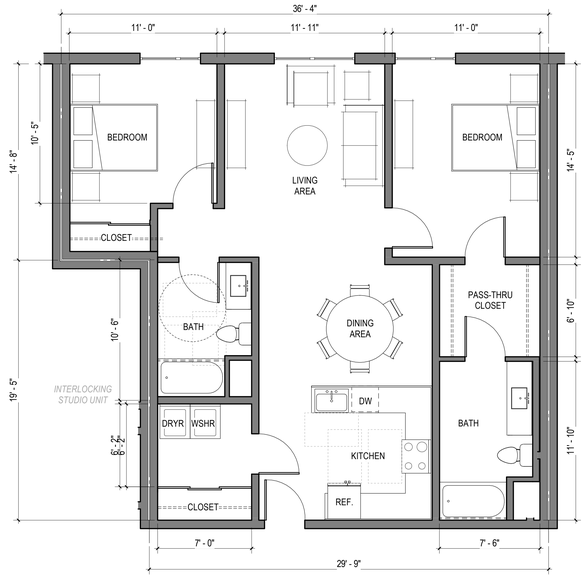
SUBMITTAL:
SITE PLAN REVIEW

JOB NUMBER:
19015
DATE:
10.02.19
REVISIONS:

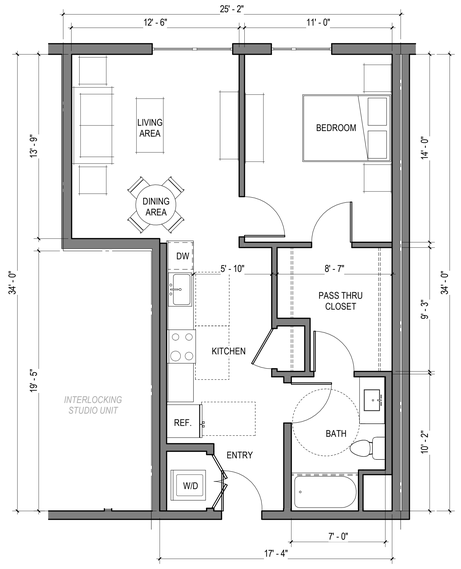
SHEET TITLE:
BUILDING SECTIONS

SHEET NUMBER:
A300

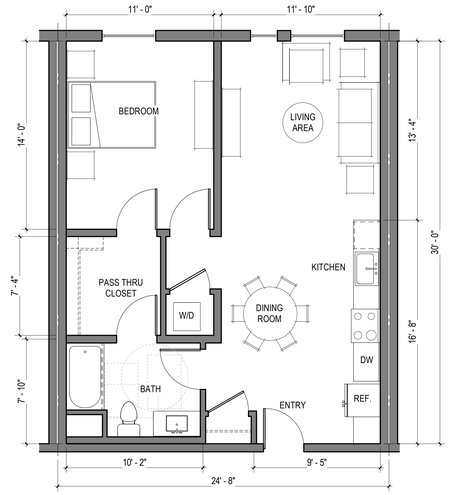
10/2/19 6:26:28 PM



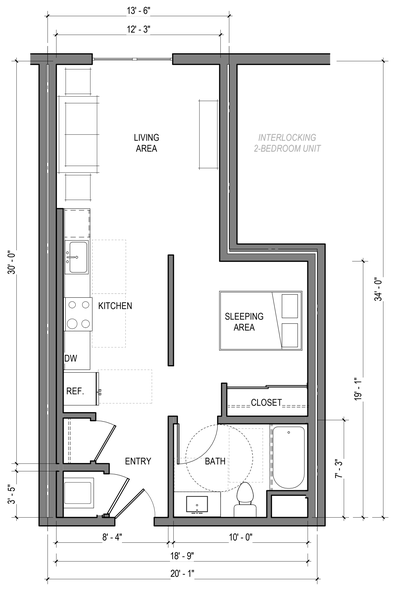
2-BEDROOM UNIT - F
1/4" = 1'-0"
22



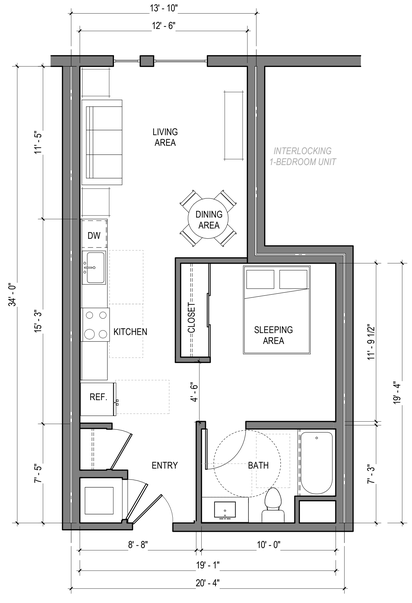
1-BEDROOM UNIT - B
1/4" = 1'-0"
12



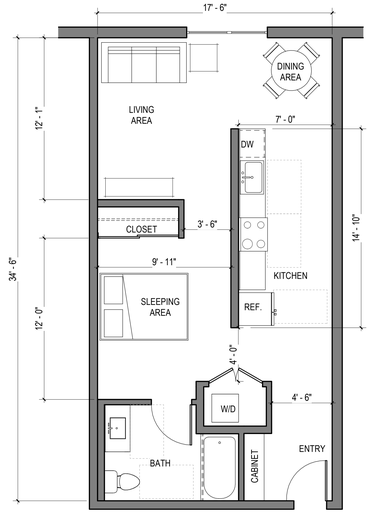
1-BEDROOM UNIT - A
1/4" = 1'-0"
2



STUDIO UNIT - E
1/4" = 1'-0"
25



STUDIO UNIT - D
1/4" = 1'-0"
15



STUDIO UNIT - C
1/4" = 1'-0"
5

EXHIBIT "A"
Page No. 19 of 22
Case No. DIR-2019-6048-TOC-SPR-WDI

KFA
3573 HAYDEN AVENUE
CULVER CITY, CA 90232
310.399.7975
KFALOSANGELES.COM

AVENUE 34

SITE PLAN REVIEW
135-153 WEST AVENUE 34
LOS ANGELES, CA

R CAP AVENUE 34, LLC
949 S HOPE ST, SUITE 100
LOS ANGELES, CA 90015

THIS DRAWING AND THE INFORMATION CONTAINED HEREIN ARE THE COPYRIGHTED WORK OF KELLETT FLAMMING ARCHITECTS AND MAY NOT BE REPRODUCED WITHOUT WRITTEN PERMISSION

SUBMITTAL:

SITE PLAN REVIEW

JOB NUMBER:
19015

DATE:
10.02.19

REVISIONS:

SHEET TITLE:
ENLARGED PLANS - UNITS

SHEET NUMBER:
A600

10/2/19 6:26:28 PM

2-BEDROOM UNIT - G
1/4" = 1'-0"

5

EXHIBIT "A"
Page No. 20 of 22
Case No DIR-2019-6048-TOC-SPR-WDI

KFA
3573 HAYDEN AVENUE
CULVER CITY, CA 90232
310.399.7975
KFALOSANGELES.COM

AVENUE 34

SITE PLAN REVIEW
135-153 WEST AVENUE 34
LOS ANGELES, CA

R CAP AVENUE 34, LLC
949 S HOPE ST, SUITE 100
LOS ANGELES, CA 90015

THIS DRAWING AND THE INFORMATION CONTAINED HEREON ARE THE COPYRIGHTED WORK OF KELLETER FLEMMING ARCHITECTS AND MAY NOT BE REPRODUCED WITHOUT WRITTEN PERMISSION.

SUBMITTAL:
SITE PLAN REVIEW

JOB NUMBER:
19015
DATE:
10.02.19
REVISIONS:

SHEET TITLE:
ENLARGED PLANS - UNITS

SHEET NUMBER:
A601

10/2/19 6:26:29 PM

1. Mini Park with shade trees
2. Stage / Performance Platform
3. Mini Park
4. Paseo / 'Arroyo'
5. East / West Paseo
6. Fire Lane
7. Evening Security Fence
8. Street Access
9. Tenant Amenity Area with Pool / Spa
10. Tenant / Community Dining with Fireplace
11. Lounge
12. Flexible Courtyard for Yoga, Dining, etc
13. Open Play

LANDSCAPE PLAN - OVERALL
1/16" = 1'-0"

N

NOTES		
	PUBLICLY ACCESSIBLE OPEN SPACE: 65,789 SF SOFTSCAPE: 20,987 SF HARDSCAPE: 44,802 SF	TREE COUNT: REQUIRED: 219 PROPOSED: 219

EXHIBIT "A"
Page No. 21 of 22
Case No. DIR-2019-6048-TOC-SPR-WDI

AVENUE 34

SITE PLAN REVIEW
135-153 WEST AVENUE 34
LOS ANGELES, CA

MR REAL ESTATE, LLC
949 S HOPE ST, SUITE 100
LOS ANGELES, CA 90015

SUBMITTAL

SUBMITTAL

JOB NUMBER
19015
DATE
09.03.19
REVISIONS

SHEET TITLE
OVERALL LANDSCAPE PLAN

SHEET NUMBER
L100

TREES

Arbutus ‘Marina’ - Marina Madrone

Archontophoenix cunninghamiana - King Palm

Cercis canadensis - Eastern Redbud

Howea fosteriana - Kentia Palm

Lophostemon confertus - Brisbane Box

Olea europaea ‘Swan Hill’ - Swan Hill Olive Tree

Pinus canariensis - Canary Island Pine

Platanus x acerfolia - London Plane Tree

Platanus mexicana - Mexican Sycamore

Platanus racemosa - Western Sycamore

Podocarpus gracilior - Fern Pine

Quercus agrifolia - Coast Live Oak

Quercus suber - Cork Oak

Tipuana tipu - Tipu Tree

SHRUBS, GRASSES, AND GROUNDCOVER

Agave attenuata ‘Boutin Blue’ - Blue Foxtail Agave

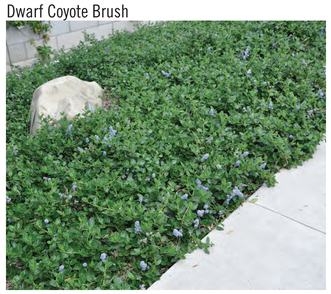
Aloe vera - Aloe

Arctostaphylos ‘Sunset’ - Sunset Manzanita

Baccharis pilularis ‘Pigeon Point’ - Dwarf Coyote Brush

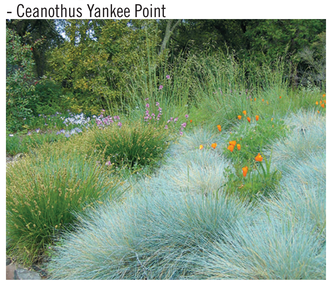
Bouteloua gracilis ‘Blonde Ambition’ - Blue Grama Grass

Bulbine frutescens ‘Hallmark’ - Orange Stalked Bulbine


Ceanothus griseus var, horizontalis ‘Yankee Point’ - Ceanothus Yankee Point

Dasylirion wheeleri - Spoon Yucca

Dymondia margaretae - Silver Carpet


Festuca ‘Siskiyou Blue’ - Siskiyou Blue Fescue

Lantana montevidensis ‘Alba” - White Trailing Lantana

Leymus condensatus ‘Canyon Prince’ - Canyon Prince Wild Rye

Muhlenbergia dubia - Pine Muhly

Muhlenbergia lindheimeri - Lindheimer’s Muhly

Salvia leucantha ‘Santa Barbara’ - Santa Barbara Sage

EXHIBIT “A”
Page No. 22 of 22
Case No. DIR-2019-6048-TOC-SPR-WDI

AVENUE 34
SITE PLAN REVIEW
135-153 WEST AVENUE 34
LOS ANGELES, CA

MR REAL ESTATE, LLC
949 S HOPE ST, SUITE 100
LOS ANGELES, CA 90015

SUBMITTAL

JOB NUMBER
19015
DATE
09.03.19
REVISIONS

SHEET TITLE
PLANT PALETTE

SHEET NUMBER
L300

Exhibit D

Addendum to the Mitigated Negative Declaration

ENV-2016-273-MND-REC1

Mitigated Negative Declaration Addendum

Avenue 34

Mixed-Use Project

Los Angeles City Planning Case Numbers:
ENV-2016-273-MND-REC1 / DIR-2019-6048-TOC-SPR-WDI

LEAD AGENCY:

Los Angeles
Department of City Planning
200 N. Spring Street, Room 621
Los Angeles, California 90012

APPLICANT:

R CAP Avenue 34, LLC
949 S. Hope Street, Suite 100
Los Angeles, California 90015

PREPARED BY:

ENVICOM CORPORATION
4165 E. Thousand Oaks Boulevard, Suite 290
Westlake Village, California 91362
(818) 879-4700

December 2019

AVENUE 34
MIXED-USE PROJECT

MND ADDENDUM

Los Angeles City Planning Case Numbers:
ENV-2016-273-MND-REC1
DIR-2019-6048-TOC-SPR-WDI

Lead Agency:

LOS ANGELES DEPARTMENT
OF CITY PLANNING
200 N. Spring Street, Room 621
Los Angeles, California 90012

Applicant:

R CAP AVENUE 34, LLC
949 S. Hope Street, Suite 100
Los Angeles, California 90015

Prepared by:

ENVICOM CORPORATION
4165 E. Thousand Oaks Blvd. Suite 290
Westlake Village, California 91362

December 2019

SECTION

I. INTRODUCTION 1

A. Background 1
B. CEQA Authority for the Addendum 1
C. Addendum Content 2

II. PROJECT DESCRIPTION 4

A. Previously Approved Project 4
B. Modified Project 7
C. Comparison to the Original Project 7
D. Required Approvals 10

III. ENVIRONMENTAL EVALUATION OF IMPACTS 11

A. Environmental Setting / Existing Conditions 11
B. Environmental Impact Analysis 14
I. Aesthetics 14
II. Agriculture and Forestry Resources 17
III. Air Quality 19
IV. Biological Resources 28
V. Cultural Resources 33
VI. Geology and Soils 39
VII. Greenhouse Gas Emissions 46
VIII. Hazards and Hazardous Materials 52
IX. Hydrology and Water Quality 61
X. Land Use and Planning 70
XI. Mineral Resources 72
XII. Noise 73
XIII. Population and Housing 85
XIV. Public Services 87
XV. Recreation 94
XVI. Transportation/Circulation 96
XVII. Utilities and Service Systems 104
XVIII. Mandatory Findings of Significance 112

C. Addendum Conclusion 114

IV. REFERENCES 115

TABLES

Table II-1 Project Comparison Table 10
Table III-1 SCAQMD CEQA Daily Emissions Thresholds in Pounds per Day (lb/day) 21
Table III-2 Conceptual Construction Equipment Fleet and Duration 22
Table III-3 Construction Activity Maximum Daily Emissions 22

Table III-4	Operational Maximum Daily Emissions	23
Table III-5	LST and Project Emissions	25
Table VII-1	Annual GHG Emissions	48
Table VII-2	Project Consistency with Applicable Green LA Measures	50
Table XII-1	HVAC Noise Levels	77
Table XII-2	Vibration Levels at Sensitive Receptors	79
Table XIV-1	Original Project Student Generation	90
Table XIV-2	Modified Project Student Generation	91
Table XVII-1	Modified Project Water Demand	106
Table XVII-2	Modified Project Wastewater Generation	106
Table XVII-3	Demolition and Construction Solid Waste Generation	110
Table XVII-4	Operational Solid Waste Generation	110

FIGURES

Figure 1	Regional Location Map	5
Figure 2	Site Location and Existing Development	6
Figure 3	Site Plan	8
Figure 4	Modified Project Site Sections	9
Figure 5A	Site Photos	12
Figure 5B	Site Photos	13

APPENDICES

Appendix A	MND
Appendix B	Modified Project CalEEMod Output
Appendix C	Cultural Resource Assessment Letter
Appendix D	Phase I Environmental Site Assessment
Appendix E	Traffic Impact Analysis Update

I. INTRODUCTION

A. BACKGROUND

The purpose of this document is to evaluate whether a modified design ("Modified Project") to a mixed-use project on a 5.03-acre infill property at 141 W. Avenue 34 would result in new significant environmental effects or a substantial increase in the severity of previously identified significant effects in comparison to the impacts of a previously approved, original version of the mixed-use project ("Original Project") for which a Mitigated Negative Declaration ("MND") was previously adopted in Case ENV-2016-273-MND. The subject property is located on the northwestern corner of the intersection of West Avenue 34 and Pasadena Avenue in the Northeast Los Angeles Community Plan Area of the City of Los Angeles ("City"), and is currently developed with light industrial and warehouse facilities and associated parking lots. The existing structures and other improvements would be replaced with new multi-family residential and commercial buildings with implementation of either the Original Project or the Modified Project. The Modified Project would primarily differ from the Original Project in the number of residential units and commercial office space provided, as well as including a revised site plan design.

This addendum will address the proposed Modified Project's potential environmental impacts in relation to the Original Project for which the MND was adopted in 2017, pursuant to the California Environmental Quality Act[1] ("CEQA"). Based on this evaluation, an addendum to the prior MND ("Addendum") is warranted, as discussed further below.

B. CEQA AUTHORITY FOR THE ADDENDUM

CEQA and the CEQA Guidelines,[2] establish the type of environmental documentation that is required when changes to a project occur or new information arises after a Negative Declaration is adopted. CEQA Guidelines Section 15164 defines the appropriate use of Addendums and CEQA Guidelines Section 15162 establishes criteria for determining whether more detailed information such as the preparation of subsequent Environmental Impact Reports ("EIRs") and Negative Declarations is needed.

Section 15164(b) states that:

> "An addendum to an adopted negative declaration may be prepared if only minor technical changes or additions are necessary or none of the conditions described in Section 15162 calling for preparation of a subsequent EIR or negative declaration have occurred."

Section 15162 of the CEQA Guidelines establishes that when an MND has been adopted for a project, no subsequent MND or EIR must be prepared unless the lead agency determines, on the basis of substantial evidence in light of the whole record, one or more of the following:

1. Substantial changes are proposed in the project which will require major revisions of the previous negative declaration due to the involvement of new significant environmental effects or a substantial increase in the severity of previously identified significant effects;
2. Substantial changes occur with respect to the circumstances under which the project is undertaken which will require major revisions of the previous negative declaration due to the involvement of

[1] California Public Resources Code, Division 13. Environmental Quality, Section 21000 et seq., California Environmental Quality Act (CEQA).

[2] California Code of Regulations, Title 14, Guidelines for the Implementation of the California Environmental Quality Act, Section 15000 et seq., (State CEQA Guidelines).

new significant environmental effects or a substantial increase in the severity of previously identified significant effects; or

3. New information of substantial importance, which was not known and could not have been known with the exercise of reasonable diligence at the time the previous negative declaration was adopted, shows any of the following:
    a. The project will have one or more significant effects not discussed in the previous negative declaration;
    b. Significant effects previously examined will be substantially more severe than shown in the previous negative declaration;
    c. Mitigation measures or alternatives previously found not to be feasible would in fact be feasible, and would substantially reduce one or more significant effects of the project, but the project proponents decline to adopt the mitigation measure or alternative; or
    d. Mitigation measures or alternatives, which are considerably different from those analyzed in the previous negative declaration would substantially reduce one or more significant effects on the environment, but the project proponents decline to adopt the mitigation measure or alternative.

As demonstrated by the analysis herein, none of the conditions above were found. No substantial changes have occurred with respect to the circumstances under which the project is undertaken. The proposed project site remains without significant changes since analysis of the MND. The impacts associated with the Modified Project would not result in any new significant environmental effects or a substantial increase in the severity of previously identified significant effects as compared to those of the Original Project. All potentially significant impacts would be mitigated to a level of insignificance with implementation of the mitigation measures specified in the MND, as modified, where required, in this Addendum. The mitigation measures in the previous MND would apply, with only minor technical modifications and clarifications to reflect codes, regulations and policies applicable to the Modified Project. For consistency with the previously-adopted MND, this evaluation will be organized using the same format and section numbering of the Initial Study Checklist used in the MND. Consistent with CEQA Guidelines Sections 15162 and 15164, only minor revisions to the MND analysis are required.

C. ADDENDUM CONTENT

The Addendum consists of this Introduction and the following additional sections:

II. Project Description: This section provides a description of the Original Project, the Modified Project, and a summary comparison of the differences, as well as a list of required approvals.

III. Addendum Analysis: This section addresses:

- **Environmental Setting/Existing Conditions -** Establishes that no changed circumstances of onsite conditions exist that would require the preparation of a subsequent or supplemental CEQA document.
- **Environmental Impact Analysis –** For each environmental Checklist topic the following is provided:
    - Original Project Analysis: Summarizes the evaluation and significance conclusions of the Original Project.
    - Modified Project Analysis: Identifies the effect of the Modified Project on the physical

environment.

- Comparison and Conclusion: Compares the Modified Project's impacts to those of the Original Project and provides conclusions establishing that an Addendum is the appropriate CEQA document pursuant to Sections 15164 and 15162 of the CEQA Guidelines. Specifically, a finding that the Modified Project would not result in new significant environmental effects or a substantial increase in the severity of a previously identified significant effect as compared to the MND.

- **Addendum Conclusion** - Summarizes the findings of this Addendum.

II. PROJECT DESCRIPTION

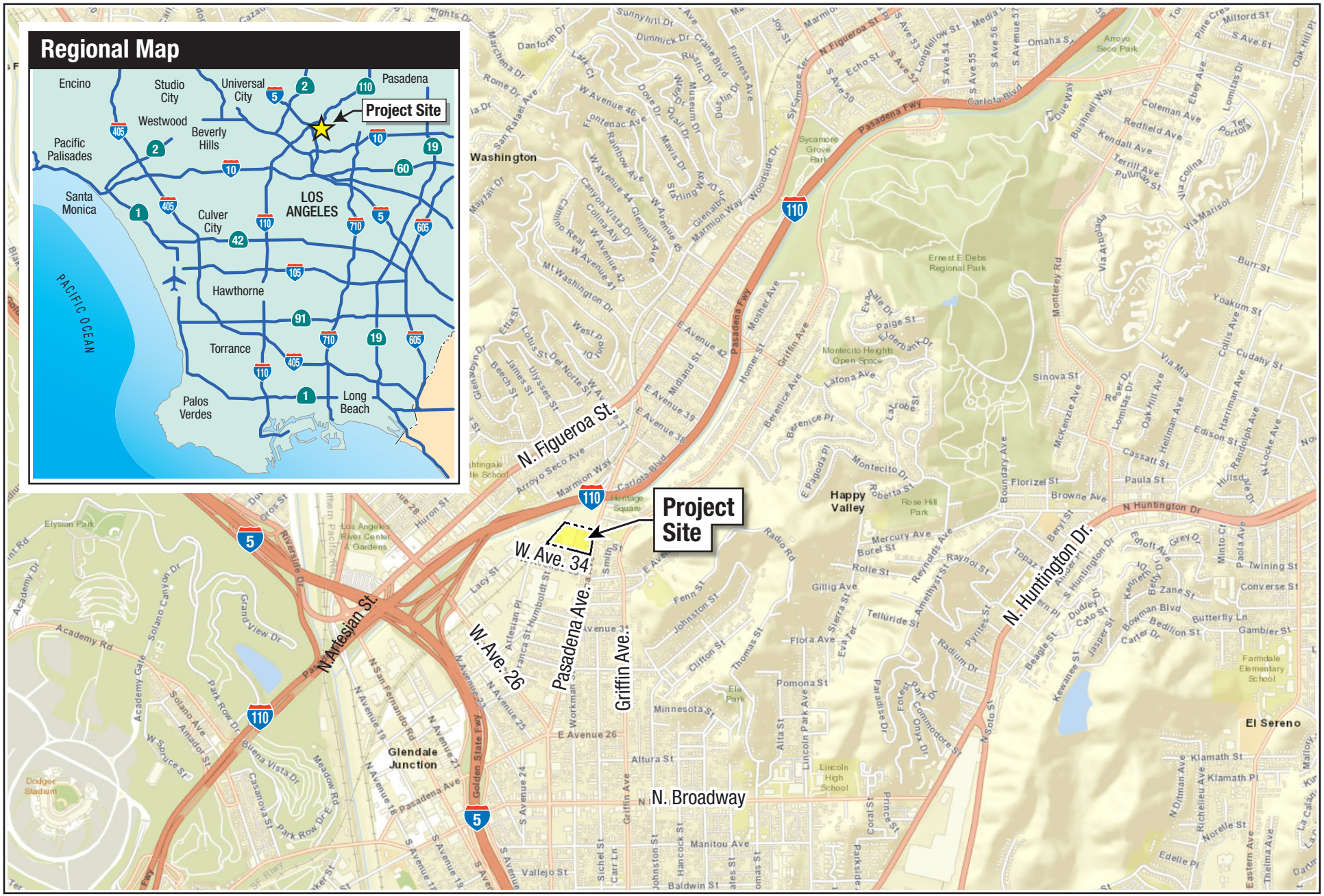
A. PREVIOUSLY APPROVED PROJECT

The Department of City Planning issued an MND (Case No. ENV-2016-273-MND) in 2017 for a proposed mixed-use development on a 5.03-acre property located at 123-167 West Avenue 34, and 3401-3437 North Pasadena Avenue, Los Angeles, CA, 90031, in the Northeast Los Angeles Community Plan area. The project site (the "Project Site") encompasses lots associated with Assessor Parcel Numbers ("APNs") 5205-004-003; -005; -007; and -011. The Project Site is located in a Transit Priority Area pursuant to ZI-2452, and is located in a Transit Oriented Community ("TOC") Tier 3 area. A regional and vicinity map showing the Project Site is shown in **Figure 1, Regional Location Map**. The property is fully developed with existing structures and paving as shown in **Figure 2, Site Location and Existing Development**. The Project Site's General Plan land use designation is for Commercial Manufacturing, which allows for development of multi-family residential uses, as well as limited retail and office space, and the zoning is [T][Q]CM-2D.

The zoning designation includes a permanent "Q" Qualified Classification (denoted as [Q]), which indicates development of the Project Site is subject to applicable limitations imposed upon the use of property pursuant to Ordinance 179,280. The stated intent of Ordinance 179,280 is to change the zones and height districts of numerous properties in order to promote mixed-use development in close proximity to a transit station. The Project Site is located within Subarea 4 of the Northeast Los Angeles Community Plan Ordinance Maps associated with Ordinance 179,280, and thus development of the Project Site would be subject to [Q] conditions applicable to that subarea.

The applicable [Q] conditions include Design Conditions that relate to site planning, pedestrian access, building design, architectural details, walls and fences, landscaping, and mechanical, security and trash equipment. The Project Site's [Q] Conditions also impose site-specific Environmental Conditions that specify Regulatory Compliance Measures that projects in the area are required to implement to reduce potential environmental impacts associated with aesthetics, air quality, geologic conditions, asbestos removal, stormwater runoff, noise, public services, utilities, and transportation.

On August 22, 2017, the City issued a decision (Case No. ZA-2016-272-ZAA-SPR-CLQ) approving a Zoning Administrator's Adjustment, Site Plan Review, and Q Clarification for the proposed development evaluated within the MND (Case No.ENV-2016-273-MND). The MND evaluated the re-development of the in-fill site by removing the majority of existing warehouse and light industrial buildings and constructing a mixed-use development consisting of 372 residential units, and a total of 40,000 square feet of commercial floor area (30,000 square feet of creative office, and 10,000 square feet of retail). The Original Project would include 31 units as Very Low Income housing to qualify for a ministerial density bonus. The Original Project included a total of five buildings ranging in height from one to five stories with a maximum height of 75 feet, and included a total of approximately 534,600 square feet of floor area. The development as evaluated in the MND included 467 parking spaces that would be primarily located within a single level basement garage level that would cover nearly the entirety of the Project Site. The Original Project would require the export of an estimated 98,000 cubic yards ("cy") of soil during grading activities. Portions of two existing buildings on the Project Site would be incorporated into the new structures as part of the Original Project. As discussed further below, the MND identified applicable [Q] Conditions applicable to any project developed at the Project Site that would reduce potential environmental impacts.



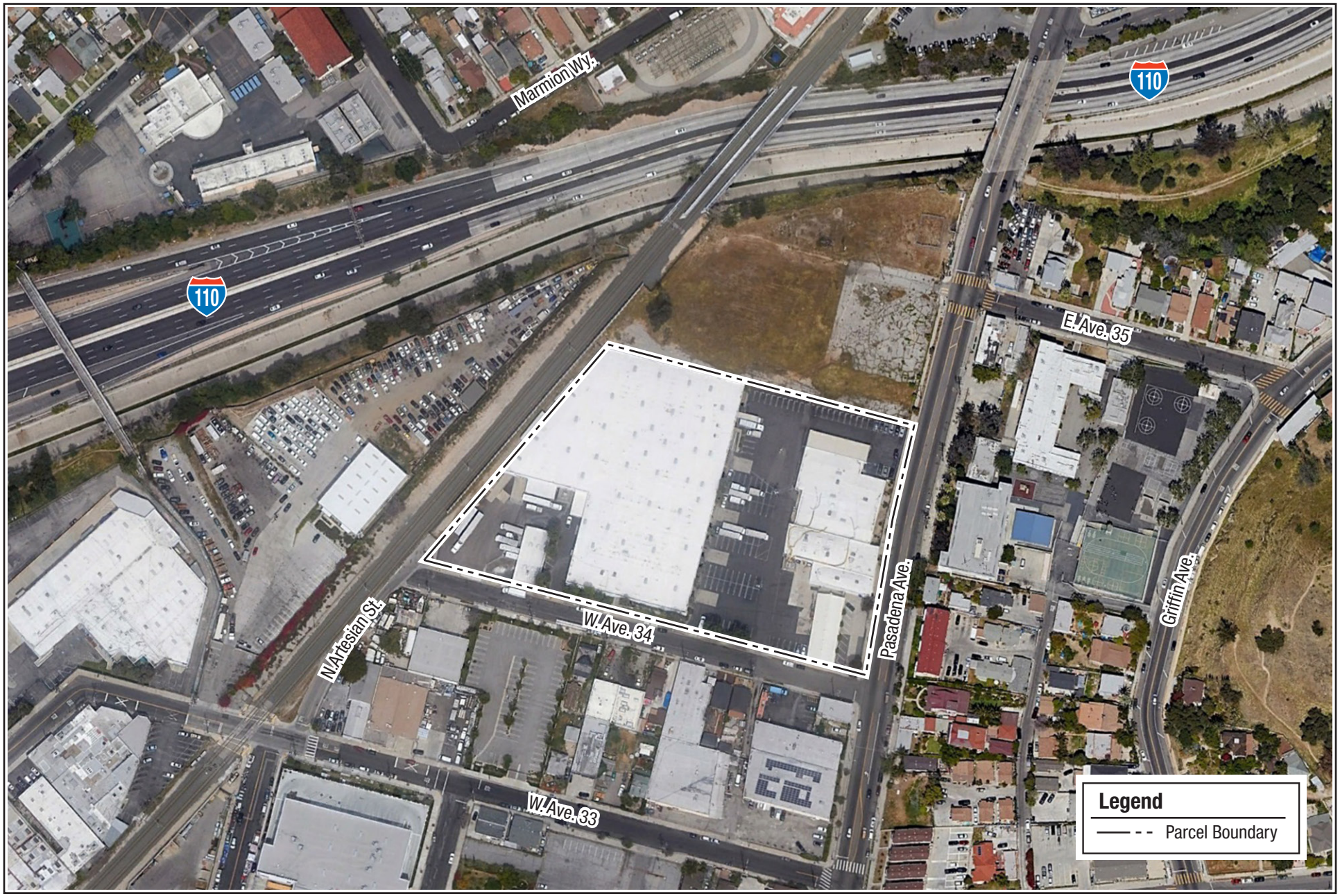
Source: ESRI World Street Map background, 2019.

envicom

Regional Location Map

FEET 0 1,000 2,000

FIGURE 1



Source: Google Earth Pro, March 14, 2018.

envicom

Site Location and Existing Development

FEET 0 75 125

FIGURE 2

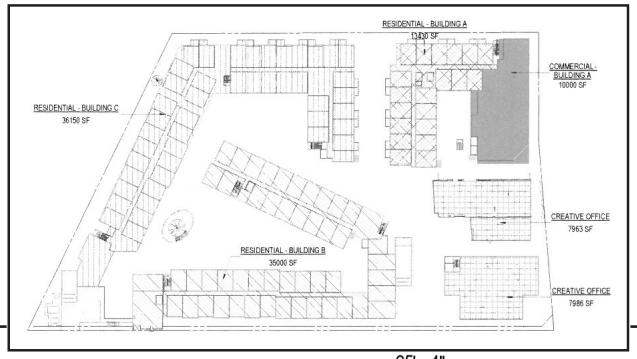
B. MODIFIED PROJECT

The currently proposed Modified Project would redevelop the same property by removing all existing structures and constructing a mixed-use development with 468 multi-family residential units, and 16,395 square feet of ground-level commercial space that would be located along Pasadena Avenue. The 468 residential units would include 66 units reserved for covenanted affordable housing at the Very Low Income level. The Modified Project would consist of three structures with a total of approximately 519,829 square feet of floor area, including the proposed commercial space. A site plan for the proposed Modified Project is shown in **Figure 3, Site Plan**, which also includes an inset of the previously approved site plan for comparison. Site sections for the Modified Project are provided in **Figure 4, Modified Project Site Sections**. Two of the structures would be four stories, and one structure would be five stories, with a maximum height of approximately 75 feet above the lowest point of the existing grade. Pursuant to a transitional height limitation for structures within 199 feet of an Open Space (OS) zone, the western end of the five-story structure would be limited to a four-story height not to exceed 61 feet, where the building would be within the specified distance from an off-site OS zone located northwest of the Project Site. The portion of the Project Site subject to the transitional height requirement is depicted in Figure 3.

A total of 401 vehicle parking spaces would be provided within two basement levels of subterranean garages that would be constructed beneath the western and central portions of the Project Site, covering approximately half of the Project Site. Additionally, a total of 200 long-term bicycle parking spaces (192 for residents, and eight for the commercial use) would be provided, as well as a total of 28 short-term bicycle parking spaces for both the residential and commercial uses. A paseo would be provided between the residential and commercial uses on the ground level of the three structures to allow north-south pedestrian movement across the Project Site. The parking garage entrance would be at the western end of the property and would be accessed via a driveway accessible from Avenue 34 near the intersection with Artesian Street. A total of approximately 91,000 cy of excavated soil would be exported during grading. The zoning for the Project Site would require that the Modified Project comply with applicable limitations and conditions for development of the property pursuant to Ordinance 179,280, including [Q] Conditions that impose site-specific Environmental Conditions that specify Regulatory Compliance Measures to be implemented.

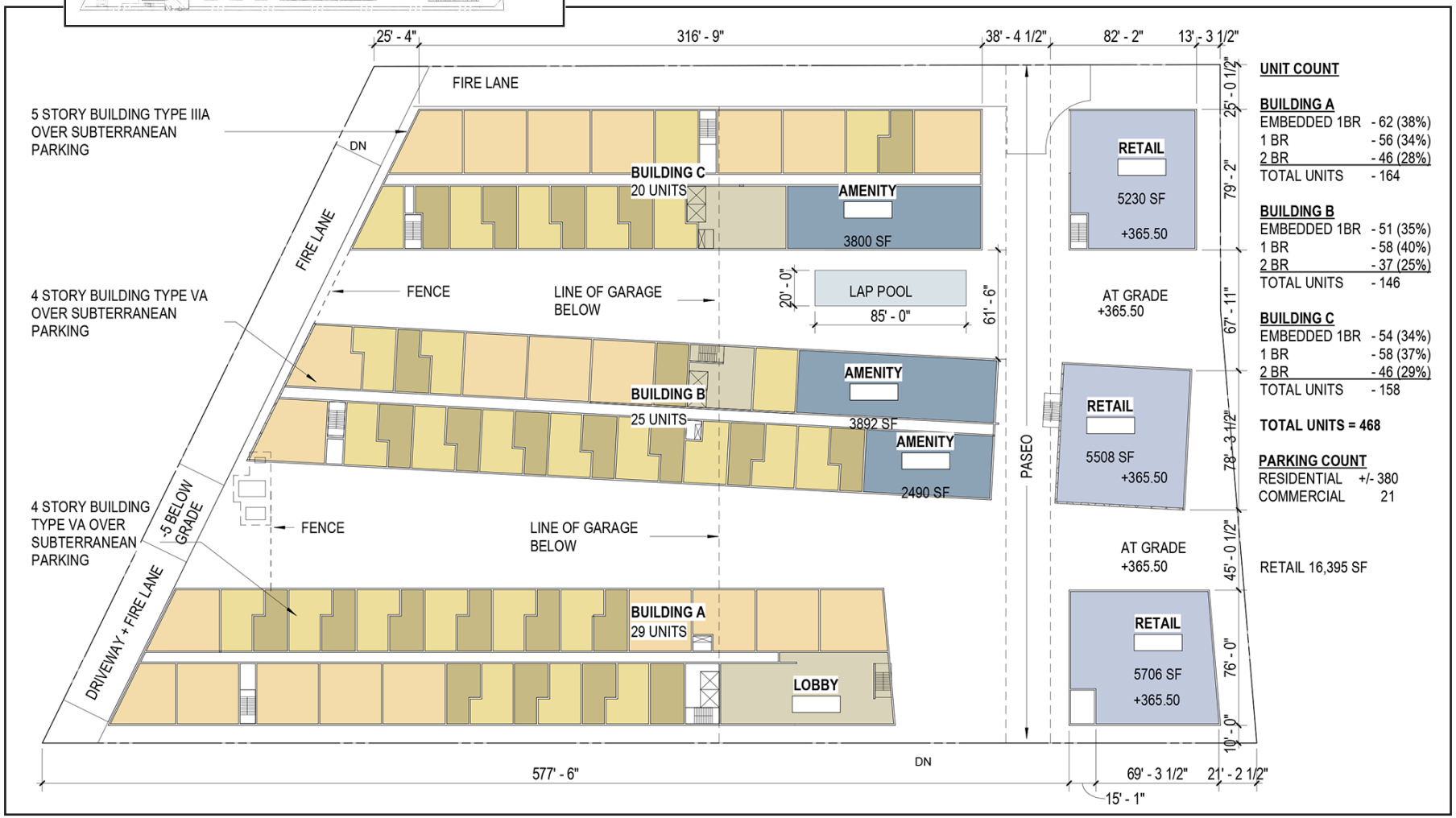
C. COMPARISON TO THE ORIGINAL PROJECT

The proposed Modified Project is similar to the Original Project in that they both would redevelop the same property by removing existing structures and constructing a mixed-use development with multi-family and commercial uses, although the Modified Project would remove all existing structures. The proposed Modified Project would consist of three structures rather than five, and would have a maximum height of approximately 75 feet at the top of pitch above the lowest point of the existing grade, the same height as the as previously evaluated in the MND. The number of residential apartment units would be increased from 372 to 468 units, and the number of Very Low Income affordable units would be increased from 31 to 66 units. The amount of commercial space would be reduced from 40,000 square feet (30,000 square feet creative office and 10,000 square feet retail), to 16,395 square feet retail space. The Modified Project would include approximately 66 fewer parking spaces than the Original Project, pursuant to applicable requirements, and would confine the two basement parking levels to the western and central portions of the Project Site, while the Original Project's single-level subterranean garage would extend across the majority of the Project Site. The Modified Project grading would require export of approximately 7,000 cy less soil than the Original Project. **Table II-1, Project Comparison Table**, provides a summary comparison of key features of the Original Project and the Modified Project.



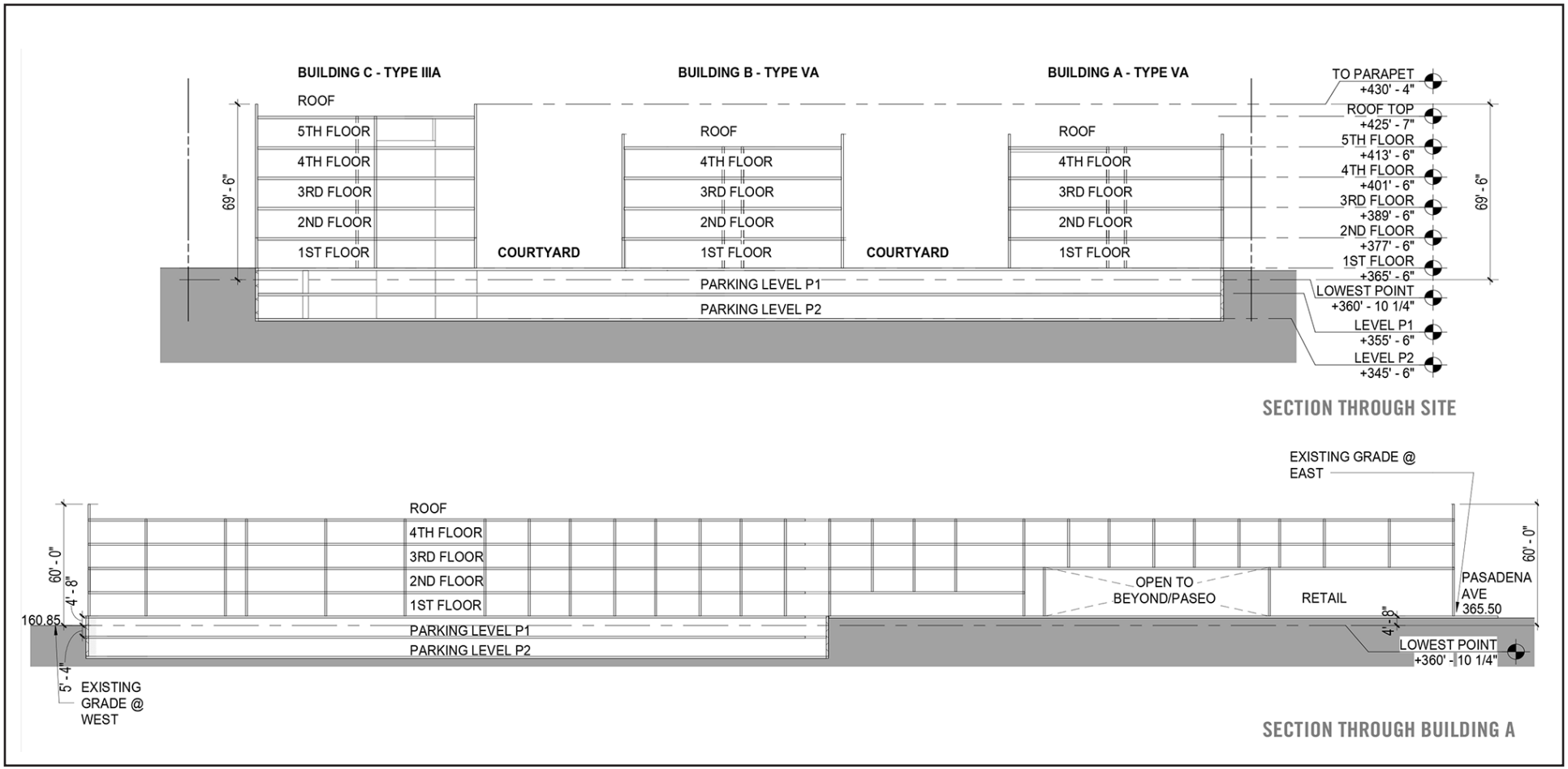
Previously Approved Site Plan

Modified Project Site Plan



Source: KFA Architects, 2019.

Site Plan



Source: KFA Architects, 2019.

Table II-1
Project Comparison Table

Project Components	Previously Approved Project	Modified Project
Residential Units	372 units	468 units
Affordable Units [a]	31 units (Very Low Income)	66 units (Very Low Income)
Commercial – Office	30,000 sf	0
Commercial – Retail	10,000 sf	16,395 sf
Total Floor Area	524,600 sf	519,829 sf
Maximum Height	5 stories (75 feet)	5 stories (75 feet)
Parking	467 spaces	401 spaces
Garage Levels	1 Full Level	2 Half Levels
Grading Export	98,000 cy	91,000 cy
[a] Affordable units are included in the Residential Units count.		

D. REQUIRED APPROVALS

This Addendum may be utilized for all proposed project approvals, which include:

- Site Plan Review, for the construction of 50 or more new dwelling units;
- Grading, excavation, foundation, and associated building permits; and
- Other discretionary and ministerial permits and approvals that may be deemed necessary.

III. ENVIRONMENTAL EVALUATION OF IMPACTS

A. ENVIRONMENTAL SETTING / EXISTING CONDITIONS

The environmental setting and existing conditions within the Project Site remain the same as that evaluated for the MND. No significant changes have occurred regarding the existing conditions under which the project would be implemented. The Project Site consists of approximately 5.03 acres that is fully developed with four light manufacturing and warehouse buildings with paved surface loading areas and parking. The existing structures on the Project Site consist of an 86,712 square-foot warehouse building, a 4,033 square-foot metal building, and portions of a 24,018 square-foot building and 3,521 square-foot building. Adjacent land uses consist of multi-family and single-family residences, commercial uses, a vacant lot, and a light rail right-of-way. **Figures 5A and 5B, Site Photos,** show existing conditions photos of the Project Site and adjacent land uses. A photo location map inset is included in Figure 5B. The photos shown in Figure 5A and 5B depict existing conditions as viewed from similar locations as those shown in the MND, which show little if any noticeable change in the existing conditions within the Project Site or in the surrounding vicinity. As described in the analysis herein, there are no substantial changes in setting or conditions that would result in changed circumstances or new information that would result in new significant environmental effects or a substantial increase in the severity of previously identified significant effects.

Photo 1 – Southwesterly view of the site from the east side of Pasadena Avenue. Photo taken August 14, 2019.

Photo 2 – Northerly view of the site along Pasadena Avenue. Photo taken August 14, 2019.

Photo 3 – Northwesterly view of the site from the south side of Avenue 34. Photo taken August 14, 2019.

Photo 4 – Easterly view of the site along Avenue 34. Photo taken August 14, 2019.

Photo 5 – Northeasterly view of the site from the south side of Avenue 34. Photo taken August 14, 2019.

Photo 6 – Northeasterly view of the site along the western property boundary. Photo taken August 14, 2019.

Photo 7 – Westerly view of the site from the east side of Pasadena Avenue. Photo taken August 14, 2019.

Photo 8 – Westerly view along the northern property boundary and adjacent vacant land. Photo taken August 14, 2019.

Photo 9 – Northerly view of existing development along Pasadena Avenue in the project vicinity. Photo taken August 14, 2019.

Photo 10 – Northeasterly view of the site and existing development in the project vicinity. Photo taken August 14, 2019.

Photo 11 – Southwesterly view of the site and existing development along Avenue 34 in the project vicinity. Photo taken August 14, 2019.

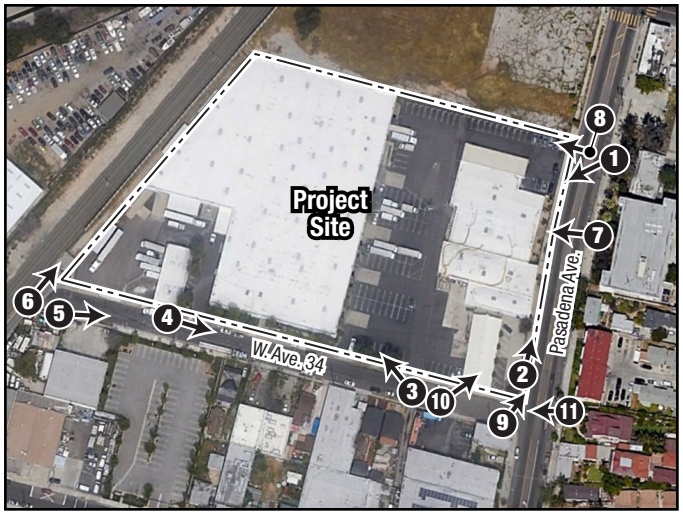


Photo locations

envicom

Site Photos

FIGURE 5B

B. ENVIRONMENTAL IMPACT ANALYSIS

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
I. AESTHETICS.				
a. Would the project have a substantial adverse effect on a scenic vista?	☐	☐	☒	☐
b. Would the project substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings, or other locally recognized desirable aesthetic natural feature within a city-designated scenic highway?	☐	☐	☒	☐
c. Would the project substantially degrade the existing visual character or quality of the site and its surroundings?	☐	☐	☒	☐
d. Would the project create a new source of substantial light or glare, which would adversely affect day or nighttime views in the area?	☐	☐	☒	☐

Impact Analysis

a. Less Than Significant Impact.

Original Project Analysis: The MND notes that, pursuant to Senate Bill 743 (SB 743), "aesthetic and parking impacts of a residential, mixed-use residential, or employment center project on an infill site within a transit priority area shall not be considered significant impacts on the environment." As the Original Project is a mixed-use residential project and is located on an infill site within a Transit Priority Area as defined by CEQA and the Department of City Planning's Zoning Information File ZI No. 2452, the MND stated that aesthetic impacts of the Original Project would be less than significant.

Modified Project Analysis: The currently proposed Modified Project also consists of a mixed-use residential project, and the Project Site continues to be an infill site within a Transit Priority Area as defined by CEQA and the Department of City Planning's Zoning Information File ZI No. 2452. Therefore, the Modified Project's aesthetic impacts would be less than significant.

Comparison and Addendum Conclusion: The Original Project and the Modified Project both consist of mixed-use residential developments within a Transit Priority Area as defined by CEQA and the Department of City Planning's Zoning Information File ZI No. 2452. As such, aesthetic impacts for either would not be considered significant impacts on the environment, and the Modified Project would not result in new significant effects or a substantial increase in the severity of a significant environmental impact compared to the Original Project , as both would be less than significant.

b. Less Than Significant Impact.

Original Project Analysis: The MND notes that pursuant to SB 743, "aesthetic and parking impacts of a residential, mixed-use residential, or employment center project on an infill site within a transit priority area shall not be considered significant impacts on the environment." As the previously proposed project is

a mixed-use residential project and is located on an infill site within a Transit Priority Area as defined by CEQA and the Department of City Planning's Zoning Information File ZI No. 2452, the MND stated that aesthetic impacts of the Original Project would be less than significant.

Modified Project Analysis: The Modified Project also consists of a mixed-use residential project, and the Project Site is an infill site within a Transit Priority Area as defined by CEQA and the Department of City Planning's Zoning Information File ZI No. 2452. Therefore, the Modified Project's aesthetic impacts would be less than significant. In addition, in light of the fact that SB 743 does not apply to cultural and historic resources, the Modified Project's aesthetic impacts to cultural or historic resources would also be less than significant, with mitigation as to cultural resources, as described further below under Cultural Resources. As also set forth in the Cultural Resources analysis below, the Project Site does not contain any built historic resources, and as a result the Project, which consists of three mid-rise buildings and ample open space, would not result in any direct or indirect aesthetic impacts on any historic resources.

Comparison and Addendum Conclusion: The Original Project and the Modified Project both consist of mixed-use residential developments within a Transit Priority Area as defined by CEQA and the Department of City Planning's Zoning Information File ZI No. 2452. As such, aesthetic impacts for either would not be considered significant impacts on the environment, and the Modified Project would not result in new significant effects or a substantial increase in the severity of a significant environmental impact compared to the Original Project, including less than significant impacts with respect to cultural and historic resources, as both would be less than significant.

c. Less Than Significant Impact.

Original Project Analysis: The MND notes that pursuant to SB 743, "aesthetic and parking impacts of a residential, mixed-use residential, or employment center project on an infill site within a transit priority area shall not be considered significant impacts on the environment." As the previously proposed project is a mixed-use residential project and is located on an infill site within a Transit Priority Area as defined by CEQA and the Department of City Planning's Zoning Information File ZI No. 2452, the MND stated that aesthetic impacts of the Original Project would be less than significant.

Modified Project Analysis: The currently proposed Modified Project also consists of a mixed-use residential project, and the Project Site is located on an infill site within a Transit Priority Area as defined by CEQA and the Department of City Planning's Zoning Information File ZI No. 2452. Therefore, the Modified Project's aesthetic impacts would be less than significant.

Comparison and Addendum Conclusion: The Original Project and the Modified Project both consist of mixed-use residential developments within a Transit Priority Area as defined by CEQA and the Department of City Planning's Zoning Information File ZI No. 2452. As such, aesthetic impacts for either would not be considered significant impacts on the environment, and the Modified Project would not result in new significant effects or a substantial increase in the severity of a significant environmental impact compared to the Original Project, as both would be less than significant.

d. Less Than Significant Impact.

Original Project Analysis: The MND notes that pursuant to SB 743, "aesthetic and parking impacts of a residential, mixed-use residential, or employment center project on an infill site within a transit priority area shall not be considered significant impacts on the environment." As the Original Project is a mixed-use residential project and is located on an infill site within a Transit Priority Area as defined by CEQA and

the Department of City Planning's Zoning Information File ZI No. 2452, the MND stated that aesthetic impacts of the previously proposed project would be less than significant.

Modified Project Analysis: The currently proposed Modified Project also consists of a mixed-use residential project, and the Project Site is located on an infill site within a Transit Priority Area as defined by CEQA and the Department of City Planning's Zoning Information File ZI No. 2452. Therefore, the Modified Project's aesthetic impacts would be less than significant.

Comparison and Addendum Conclusion: The Original Project and the Modified Project both consist of mixed-use residential developments within a Transit Priority Area as defined by CEQA and the Department of City Planning's Zoning Information File ZI No. 2452. As such, aesthetic impacts for either would not be considered significant impacts on the environment, and the Modified Project would not result in new significant effects or a substantial increase in the severity of a significant environmental impact compared to the Original Project, as both would be less than significant.

Cumulative Impacts

Pursuant to SB 743, "aesthetic and parking impacts of a residential, mixed-use residential, or employment center project on an infill site within a transit priority area shall not be considered significant impacts on the environment." As the Original Project is a mixed-use residential project and is located on an infill site within a Transit Priority Area as defined by CEQA and the Department of City Planning's Zoning Information File ZI No. 2452 the Modified Project would not result in a significant cumulative impact on aesthetics as its individual contribution to any such impact is nonsignificant as a matter of law. Moreover, aesthetic impacts to cultural and historic resources tend to be site and project-specific impacts, and here the Project would not contribute incrementally to any cumulatively significant impacts to cultural and historic resources. Accordingly, the Project would not, in addition to other related projects, result in significant cumulative aesthetic impacts.

		Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
II.	**AGRICULTURE AND FORESTRY RESOURCES**.				
a.	Would the project convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?	☐	☐	☐	☒
b.	Would the project conflict with existing zoning for agricultural use, or a Williamson Act contract?	☐	☐	☐	☒
c.	Would the project conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104(g))?	☐	☐	☐	☒
d.	Would the project result in the loss of forest land or conversion of forest land to non-forest use?	☐	☐	☐	☒
e.	Would the project involve other changes in the existing environment, which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use?	☐	☐	☐	☒

Impact Analysis

a-e. No Impact.

Original Project Analysis: The Project Site is located within a developed area in the City. According to the California Natural Resources Agency, Department of Conservation, Division of Land Resource Protection, Farmland Mapping and Monitoring Program (FMMP), the Project Site is not located within an area containing Prime Farmland, Unique Farmland, or other Farmland of Statewide Importance.[3] The Project Site is not zoned for agricultural production and no Williamson Act Contracts[4] are in effect for the Project Site. The Project Site is not located within forested lands. As such, the Original Project would have no impact on agricultural or forestry resources.

Modified Project Analysis: The Modified Project is also located in the same fully developed area of the City as the Modified Project. The Modified Project is thus also not located within an area containing Prime Farmland, Unique Farmland, or other Farmland of Statewide Importance, is not zoned for agricultural

[3] California Natural Resources Agency. 2016. Department of Conservation, Division of Land Resource Protection, Farmland Mapping and Monitoring Program. Los Angeles County Important Farmland.

[4] California Department of Conservation. 2017. State of California Williamson Act Contract Land.

production and no Williamson Act Contracts are in effect. Therefore, the Modified Project would have no impact on agricultural resources.

Comparison and Addendum Conclusion: The Original Project and the Modified Project would both redevelop the same property by removing existing structures and constructing a mixed-use development with multi-family and commercial uses. Neither contain Prime Farmland, Unique Farmland, or other Farmland of Statewide Importance, are not zoned for agricultural production and no Williamson Act Contracts are in effect. As such, neither the Original Project nor the Modified Project would have a substantial impact pertaining to agricultural or forestry resources, and the Modified Project would not result in new significant effects or a substantial increase in the severity of a significant environmental impact compared to the Original Project, as both would have no impact.

Cumulative Impacts

As stated in the MND, development of the Original Project would not result in a cumulative environmental impact with respect to agriculture and forestry resources. As the Modified Project proposes a similar mixed-use development on the same urban infill property, and would not result in a greater or different impact with respect to agricultural and forestry resources, the Modified Project would not result in a significant cumulative impact on agricultural and forestry resources.

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
III. AIR QUALITY.				
Would the project result in:				
a. Conflict with or obstruct implementation of the applicable air quality plan?	☐	☐	☒	☐
b. Violate any air quality standard or contribute substantially to an existing or projected air quality violation?	☐	☐	☒	☐
c. Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard (including releasing emissions which exceed quantitative thresholds for ozone precursors)?	☐	☐	☒	☐
d. Expose sensitive receptors to substantial pollutant concentrations?	☐	☐	☒	☐
e. Create objectionable odors affecting a substantial number of people?	☐	☐	☒	☐

Impact Analysis

a. Less Than Significant Impact.

Original Project Analysis: The MND determines that redevelopment of the Project Site with a mixed-use development with multi-family residential and commercial uses would not conflict with or obstruct implementation of the South Coast Air Quality Management District ("SCAQMD") 2012 Air Quality Management Plan ("AQMP") because the Original Project would be consistent with the growth projections and regional land use planning policies of the 2016-2040 Regional Transportation Plan/ Sustainable Communities Strategy ("RTP/SCS"), and impacts would be less than significant.

Modified Project Analysis: The Modified Project would redevelop the same property, replacing the existing commercial, light industrial, and warehouse uses, with a mixed-use development of residential and commercial uses. The currently applicable AQMP is the 2016 AQMP. As stated in the MND, projects that are consistent with the growth forecast projections of employment and population forecasts identified in the Southern California Association of Government's ("SCAG's") recently adopted 2016-2040 RTP/SCS are considered consistent with the AQMP, since the growth projections contained in the RTP/SCS form the basis of the land use and transportation control portions of the AQMP. As discussed in Section XIII(a), Population and Housing, the population generated by the Modified Project and the employees generated would be consistent with the anticipated increase of population and jobs within the City between 2012 and 2040. Additionally, the Project Site is located within approximately 0.25 miles from a light rail public transit station, and within approximately 300 feet of existing Metro bus stops along Pasadena Avenue, and therefore, the Modified Project would concentrate residential and commercial uses within a Transit Priority Area as defined by CEQA Sections 21099 and 21064.3. As the Modified Project would be consistent with

the growth projections and regional land use planning policies of the RTP/SCS, the Modified Project would not conflict with or obstruct implementation of the 2016 AQMP, and impacts would be less than significant.

Comparison and Addendum Conclusion: The Original Project and the Modified Project would both result in construction and operation of a mixed-use development as an infill project within a Transit Priority Area, replacing existing light industrial and warehouse uses. The MND determines redevelopment of the Project Site with a mixed-use development consistent with growth projections of the RTP/SCS would have a less than significant impact regarding implementation of the applicable air quality plan. For the reasons discussed above, the Modified Project would result in no new significant effects regarding the potential to conflict with the AQMP, and no substantial increase in the severity of previously identified significant effects as compared to the MND.

b. Less Than Significant Impact.

Original Project Analysis: The Original Project's estimated maximum daily emissions of criteria pollutants were quantified utilizing the California Emissions Estimator Model ("CalEEMod") Version 2016.3.1.[5]

The quantified emissions during construction assumed a total duration of approximately 34 months for buildout, and included an estimated soil export hauling quantity of 98,000 cy of soil during grading. The emissions quantification also assumed required compliance with SCAQMD Rule 403 Dust

Suppression, and also Rule 1113 Architectural Coatings, which limits the content of volatile organic compounds ("VOC") within architectural coatings. Construction emissions were determined to not exceed the significance thresholds of the SCAQMD.

The operational emissions of the Original Project were also determined to not exceed the SCAQMD significance thresholds. The MND also provided a quantification of the existing uses operational emissions, which were subtracted from the Original Project's emissions to determine a net difference. The net difference in emissions was thus even farther below significance thresholds, and no mitigation measures were required.

Modified Project Analysis: A project may have a significant impact if project-related emissions exceed any federal, State, or regional standards or thresholds of significance, or if project-related emissions substantially contribute to an existing or projected air quality violation. Emissions of the Modified Project were quantified using CalEEMod, a Statewide land use emissions computer model designed to provide a uniform platform for government agencies, land use planners, and environmental professionals to quantify potential criteria pollutant emissions associated with both construction and operations from a variety of land use projects. The model quantifies direct emissions from construction and operation activities (including vehicle use), as well as indirect emissions, such as from energy use, solid waste disposal, vegetation planting and/or removal, and water use. The model was developed for the California Air Pollution Officers Association ("CAPCOA") in collaboration with the California Air Districts.

The SCAQMD has designated significant emissions levels of criteria pollutants for evaluating whether a project's emissions could result in significant regional air quality impacts. Projects with daily emissions that exceed the thresholds shown in **Table III-1, SCAQMD CEQA Daily Emissions Thresholds in Pounds per Day (1lb/day)**, are recommended by the SCAQMD to be considered significant under CEQA.

[5] The most current version of CalEEMod is Version 2016.3.2, which was used to model the Modified Project's emissions.

Table III-1
SCAQMD CEQA Daily Emissions Thresholds (lb/day)

Pollutant	Construction	Operations
ROG	75	55
NO_X	100	55
CO	550	550
PM-10	150	150
PM-2.5	55	55
SO_X	150	150
Source: SCAQMD CEQA Air Quality Significance Thresholds. Revision March 2015.		

Construction Emissions

The Modified Project's estimated construction emissions were modeled using CalEEMod Version 2016.3.2 to identify maximum daily emissions for each pollutant during project construction. The output reports from CalEEMod for the Modified Project are included as **Appendix B**. Construction emissions were modeled based on the size of the Project Site, the size of the existing structure to be removed (demolition), and the estimated soil excavation and export of 91,000 cy, as well as the proposed number of residential units, commercial space area, and number of parking spaces. A conceptual construction equipment fleet list and approximate duration of each construction phase is shown in **Table III-2, Conceptual Construction Equipment Fleet and Duration**. The construction phase durations used in the model may be shorter than actually required, which provides a conservative analysis, as longer durations would result in reducing the maximum daily emission rates on which the significance of impacts is based. The project's maximum daily construction emissions as calculated by CalEEMod, as well as the applicable SCAQMD thresholds, are listed in **Table III-3, Construction Activity Maximum Daily Emissions.**

All construction grading projects in the City must comply with the requirements of SCAQMD Rule 403, Fugitive Dust, which requires the implementation of Best Available Control Measures ("BACM") for all fugitive dust sources. SCAQMD Rule 403, Control Measure 08-2 states that during earth moving activities, projects are required to "[r]e-apply water as necessary to maintain soils in a damp condition and to ensure that visible emissions do not exceed 100 feet in any direction." Therefore, pursuant to SCAQMD Rule 403, the Modified Project would be required to implement adequate watering of exposed surfaces during grading. As seen in Table III-3, peak daily construction activity emissions of criteria air pollutants would not exceed SCAQMD standards for determining significance during construction, and therefore, would not violate air quality standards or contribute substantially to an existing or projected air quality violation. Therefore, construction period air quality impacts of the Modified Project would be less than significant.

Operational Emissions

During operations, the Modified Project would result in air quality emissions of criteria pollutants from area sources, energy sources, and mobile sources. The Modified Project's estimated operational emissions were modeled using CalEEMod Version 2016.3.2. The operational trip generation was adjusted in the CalEEMod model based on the Traffic Impact Analysis Update[6] dated June 18, 2019 (**Appendix E**). To determine the Modified Project's net change in emissions over existing conditions, the operational emissions from the existing uses, which were quantified in the MND, were subtracted from the daily

[6] Crain & Associates, Letter to Mr. Wes Pringle RE: Avenue 34 & Pasadena Mixed-Use Project Traffic Impact Analysis Update, June 18, 2019.

operational emissions for the Modified Project. The Modified Project output reports from CalEEMod are included as Appendix B.

Table III-2
Conceptual Construction Equipment Fleet and Duration

Construction Activity	Duration	Equipment Type
Demolition	45 days	1 Concrete/Industrial Saw
		3 Excavators
		2 Rubber-tired Dozers
Grading	70 days	1 Grader
		2 Rubber-tired Dozer
		2 Excavators
		5 Tractors/Loaders/Backhoes
Construction	525 days	1 Crane
		3 Forklifts
		1 Generator Set
		3 Loader/Backhoes
		1 Welder
Paving	20 days	2 Paver
		2 Paving equipment
		2 Rollers
Architectural Coating	85 days	2 Air Compressors

Table III-3
Construction Activity Maximum Daily Emissions

	Maximum Daily Construction Emissions (lbs/day)[a]					
	ROG	**NOx**	**CO**	**SO_2**	**PM-10**	**PM-2.5**
Winter	40.1	89.2	38.0	0.2	10.9	6.0
SCAQMD Thresholds	75	100	550	150	150	55
Significant Impact?	**No**	**No**	**No**	**No**	**No**	**No**
Summer	40.1	88.6	37.4	0.2	10.9	6.0
SCAQMD Thresholds	75	100	550	150	150	55
Significant Impact?	**No**	**No**	**No**	**No**	**No**	**No**

Source: CalEEMod2016.3.2 Avenue 34 Mixed-Use Modified Project, October 15, 2019. (Appendix B)
[a] Required compliance with SCAQMD Rule 403, Fugitive Dust, would include wetting disturbed portions of the site at least twice daily for dust control.

The SCAQMD thresholds for air quality impacts from operations are shown above in Table III-1. As seen in **Table III-4**, **Operational Maximum Daily Emissions**. The Modified Project's maximum daily operational emissions of criteria air pollutants would not exceed SCAQMD standards for determining

significance, and therefore, would not violate air quality standards or contribute substantially to an existing or projected air quality violation. Additionally, the removal of existing light industrial and warehouse uses from the Project Site would result in an even lower net change in emissions associated with use of the subject site. Therefore, operational impacts would be less than significant.

Table III-4
Operational Maximum Daily Emissions

Land Use	Maximum Operational Daily Emissions (lbs/day)					
	ROG	**NOx**	**CO**	**SO_2**	**PM-10**	**PM-2.5**
Winter Emissions [a]						
Modified Project						
Area	12.44	0.45	38.69	< 0.01	0.21	0.21
Energy	0.15	1.30	0.56	< 0.01	0.11	0.11
Mobile	4.65	25.25	59.13	0.23	19.64	5.38
Total	**17.24**	**27.00**	**98.39**	**0.24**	**19.95**	**5.69**
Existing Use (Total) [b]	**4.72**	**11.08**	**28.34**	**0.08**	**6.78**	**1.91**
Net Change	**12.52**	**15.92**	**70.05**	**0.16**	**13.17**	**3.78**
SCAQMD Thresholds	55	55	550	150	150	55
Significant Impact?	**No**	**No**	**No**	**No**	**No**	**No**
Summer Emissions [a]						
Modified Project						
Area	12.44	0.45	38.69	< 0.01	0.21	0.21
Energy	0.15	1.30	0.56	< 0.01	0.11	0.11
Mobile	4.90	24.80	63.11	0.24	19.63	5.37
Total	**17.49**	**26.55**	**102.36**	**0.25**	**19.95**	**5.69**
Existing Use (Total) [b]	**4.81**	**10.78**	**30.30**	**0.09**	**6.78**	**1.91**
Net Change	**12.68**	**15.77**	**72.06**	**0.16**	**13.17**	**3.78**
SCAQMD Thresholds	55	55	550	150	150	55
Significant Impact?	**No**	**No**	**No**	**No**	**No**	**No**

Source: CalEEMod2016.3.2 Avenue 34 Mixed-Use Modified Project Output, October 15, 2019. (Appendix B)

[a] For a conservative evaluation, the Modified Project emissions as shown do not incorporate reductions associated with higher density development in an urbanized area, nearby transit access, or other efficiency requirements or features.

[b] Source: City of Los Angeles Department of City Planning, Initial Study Mitigated Negative Declaration Avenue 34 Project, February 13, 2017, Table III-2. (Appendix A)

Comparison and Addendum Conclusion: The MND evaluated redevelopment of the Project Site with a mixed-use development consisting of 372 residential units, 30,000 square feet of creative office space, and 10,000 square feet of commercial space. The Modified Project would redevelop the Project Site with a mixed-use development consisting of 468 residential units and 16,395 square feet of commercial space. As shown in the tables above, the Modified Project's maximum daily emissions of criteria pollutants during construction and operations would not exceed significance thresholds established by SCAQMD. The Original Project's construction and operations emissions would likewise not exceed the applicable significance thresholds, and would not substantially differ from the Modified Project's emissions. Emissions of criteria pollutants from either the Original Project and the Modified Project would be less than significant.

For the reasons discussed above, the Modified Project would result in no new significant effects and no substantial increase in the severity of previously identified significant effects as compared to the MND.

c. Less Than Significant Impact.

Original Project Analysis: The MND notes that the SCAQMD recommends that a project's potential contribution to cumulative impacts should be assessed utilizing the same significance criteria as those for analyzing project specific impacts. The MND also notes that the SCAQMD states that if an individual development project generates less than significant construction or operational emissions, then the development project would not generate a cumulatively considerable increase in emissions for those pollutants for which the South Coast Air Basin (the "Basin") is in non-attainment. As such, the MND concludes that development of the Previously Approved Project would not generate a cumulatively considerable increase in emissions of the pollutants for which the Basin is in non-attainment, and impacts would be less than significant.

Modified Project Analysis: The construction or operation of the Modified Project would not exceed the SCAQMD significance thresholds for criteria pollutants, as discussed in Section III(b). As development of the Modified Project's emissions would be less than significant during construction or operations, the Modified Project would not generate a cumulatively considerable increase in emissions for those criteria pollutants for which the Basin is in non-attainment, and impacts would be less than significant.

Comparison and Addendum Conclusion: The MND determines that the Previously Approved Project would not result in an impact regarding cumulative emissions of pollutants, since it would not exceed the applicable significance thresholds of the SCAQMD. Likewise, the Modified Project would not exceed the applicable significance thresholds for emissions of criteria pollutants.

For the reasons discussed above, the Modified Project would result in no new significant effects and no substantial increase in the severity of previously identified significant effects as compared to the Previously Approved Project.

d. Less Than Significant Impact.

Original Project Analysis: The MND determines that pollutant emissions during construction and operations of the Original Project would not exceed the SCAQMD Localized Significance Threshold ("LST") screening levels for sensitive receptors. Additionally, it was determined that the potential for Toxic Air Contaminant ("TAC") emissions during construction would be less than significant due to the limited duration of construction activities. Also, redevelopment of Project Site with residential, commercial, and office uses would result in fewer diesel truck trips during operations than the existing industrial and warehouse uses that would be removed.

Modified Project Analysis: Sensitive receptors are populations that are generally more susceptible to the effects of air pollution than the population at large. Land uses considered to be sensitive receptors include residences, long-term care facilities, schools, playgrounds, parks, hospitals, and outdoor athletic facilities. Project construction activities could potentially result in impacts on adjacent residences.

The LSTs were developed in response to the SCAQMD Governing Board's Environmental Justice Enhancement Initiative 1-4, using a methodology that was formally approved by SCAQMD's Mobile Source Committee in February 2005. LSTs are only applicable for certain criteria pollutants: oxides of nitrogen (NOx), carbon monoxide (CO), and particulate matter (PM-10 and PM-2.5), and are applicable for sensitive receptor land uses where it is possible that an individual could remain for 24 hours, such as a residence, hospital or convalescent facility. For the Modified Project, the primary source of possible LST impacts would be construction activities.

SCAQMD provides tables for determining LST impacts of development projects based on the site size and the distance to sensitive receptors from the project site being evaluated. The nearest sensitive receptors to the Project Site are residences and a school, which are located on the opposite side of adjacent roadways. Therefore, this analysis is based on the LST screening table's most stringent source-receptor distance of 25 meters.[7] As shown in **Table III-5**, **LST and Project Construction Emissions**, onsite daily construction emissions would not exceed LST thresholds and therefore impacts would be less than significant. The maximum on-site daily emissions shown in Table III-5 are the maximum generated by any of the construction phases.

Table III-5
LST and Project Emissions

LST 5.0 acre/25 meters Central Los Angeles	**Project Construction LST Emissions (pounds/day)**			
	NOx	**CO**	**PM-10**	**PM-2.5**
Max On-Site Daily Emissions [a]	44.3	28.0	7.7	5.0
LST Threshold	161	1,861	16	8
Significant Impact?	**No**	**No**	**No**	**No**

Source: CalEEMod2016.3.2 Avenue 34 Mixed-Use Modified Project Output, October 9, 2019. (Appendix B)
[a] Maximum on-site daily emissions of relevant pollutants during construction would be the same during summer and winter seasons.

Similar to the analysis of the MND, based on the limited duration of construction activities, and because the Modified Project would remove existing uses that generate diesel truck trips, and construct uses that would not generate substantial diesel truck trips, the potential for the Modified Project to generate TACs associated with diesel particulate matter would be less than significant. Therefore, the potential for the Modified Project to expose sensitive receptors to substantial pollutant concentrations would be less than significant. ***Comparison and Addendum Conclusion:*** Onsite emissions of NOx, CO, PM-10, and PM-2.5 would not exceed SCAQMD LST screening levels with development of either the Original Project or the Modified Project. Additionally, the potential for emissions of TACs would be less than significant with either the Original Project or the Modified Project.

[7] Projects with boundaries located closer than 25 meters to the nearest receptor should use the LSTs for receptors located at 25 meters. South Coast Air Quality Management District, Final Localized Significance Threshold Methodology, Revised July 2008. Accessed at: http://www.aqmd.gov/docs/default-source/ceqa/handbook/localized-significance-thresholds/final-lst-methodology-document.pdf?sfvrsn=2 on October 29, 2019.

For the reasons discussed above, the Modified Project would result in no new significant effects and no substantial increase in the severity of previously identified significant effects as compared to the MND.

e. Less Than Significant Impacts.

Original Project Analysis: Significant odor impacts are generally associated with industrial land uses, or public infrastructure such as waste disposal or treatment facilities, which are not proposed by the Original Project. The MND notes that development on Project Site would be subject to City design requirements and a Site Plan Review approval regarding the provision and location of trash receptacles. It was determined that good housekeeping practices would be sufficient to prevent nuisance odors, in addition to compliance with SCAQMD Rule 402 (Nuisance), and SCAQMD Best Available Control Technology Guidelines that would limit potential objectionable odor impacts. The Original Project's odor impacts would be less than significant.

Modified Project Analysis: The Modified Project would not introduce land uses that are typically associated with significant odor impacts, such as manufacturing facilities that use chemicals or other strong-smelling materials, wastewater treatment facilities, or landfills. In addition to applicable requirements regulating the placement and design of trash receptacles, the Modified Project would be subject to SCAQMD Rule 402 (Nuisance), which prohibits emissions of odors that would cause injury, detriment, nuisance, or annoyance to any considerable number of persons. Odor impacts would be less than significant.

Comparison and Addendum Conclusion: The MND concludes that the Original Project's potential to emit substantial odors would be less than significant. The Modified Project would construct a similar mix of land uses on Project Site, and would be subject to the same requirements regarding trash receptacles and prohibitions on emissions of odors that would affect a substantial number of persons, and would likewise be less than significant.

For the reasons discussed above, the Modified Project would result in no new significant effects and no substantial increase in the severity of previously identified significant effects as compared to the MND.

Cumulative Impacts

Cumulative development can affect implementation of the 2016 AQMP, the applicable air quality plan. The 2016 AQMP was prepared to accommodate growth, reduce pollutants within the areas under SCAQMD jurisdiction, improve the overall air quality of the region, and minimize the impacts of poor air quality on the economy. Growth considered to be consistent with the 2016 AQMP would not interfere with attainment because this growth is included in the projections utilized in the formulation of the AQMP. Consequently, as long as growth in the Air Basin is within the projections for growth identified by SCAG, implementation of the 2016 AQMP would not be obstructed by such growth and cumulative impacts would be less than significant. Since the Modified Project is consistent with SCAG's growth projections set forth in the 2016-2040 RTP/SCS, the Modified Project would not have a cumulatively considerable contribution to an impact regarding a potential conflict with or obstruction of the implementation of the applicable air quality plan. Thus, cumulative impacts related to conformance with the 2016 AQMP would be less than significant.

Cumulative air quality impacts from construction and operation of a project, based on SCAQMD guidelines, are analyzed in a manner similar to project-specific air quality impacts. The SCAQMD recommends that a project's potential contribution to cumulative impacts should be assessed utilizing the same significance criteria as those for project specific impacts because the project-level thresholds are set at levels to ensure the entire basin will come into attainment. Therefore, according to the SCAQMD, individual development projects that generate construction or operational emissions that exceed the

SCAQMD recommended daily thresholds for project-specific impacts would also cause a considerable increase in emissions for those pollutants for which the Air Basin is in non-attainment. Thus, as discussed in Question III(c) above, because the construction-related and operational daily emissions associated with the Modified Project would not exceed the SCAQMD's recommended thresholds, these emissions associated with the Modified Project would not be cumulatively considerable. Therefore, cumulative air quality impacts would be less than significant.

With respect to cumulative odor impacts, the Modified Project would be required to comply with SCAQMD rules and other applicable standards referenced above regulating objectionable odors in the same manner as the Original Project, for which the MND finds that the Previously Approved Project would not result in a cumulative impact. Based on mandatory compliance with SCAQMD Rules and other applicable standards, construction and operational activities under the Modified Project would not result in a significant cumulative odor impact.

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
IV. BIOLOGICAL RESOURCES.				
Would the project:				
a. Have a substantial adverse effect, either directly or through habitat modification, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations by the California Department of Fish and Game or U.S. Fish and Wildlife Service?	☐	☒	☐	☐
b. Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in the City or regional plans, policies, regulations by the California Department of Fish and Game or U.S. Fish and Wildlife Service?	☐	☐	☐	☒
c. Have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?	☐	☐	☐	☒
d. Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?	☐	☐	☐	☒
e. Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?	☐	☒	☐	☐
f. Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional or state habitat conservation plan?	☐	☐	☐	☒

Impact Analysis

a. Less Than Significant Impact With Mitigation.

Original Project Analysis: The MND indicated that the Project Site does not contain any critical habitat or support any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations. The Project Site does contain a total of thirty-nine trees that measure eight inches or greater in diameter at breast height (i.e. significant trees), all of which are non-native and non-protected

species according to the City's Native Protected Tree Ordinance.[8] Development of the Original Project would require removal of all existing trees and potentially up to three street trees. The MND included mitigation measures to address potential biological resource impacts associated with removal of the onsite trees. These consist of **MM-BIO-1**, which specifies tree replacement requirements, and **MM-BIO-2,** which specifies actions to avoid impacting nesting birds to ensure compliance with the Federal Migratory Bird Treaty Act ("MBTA") and applicable sections of the California Fish and Game Code. The MND concludes that implementation of MM-BIO-1 and MM-BIO-2 would reduce potential impacts to candidate, sensitive, or special status species to less than significant after mitigation.

Modified Project Analysis: As established by the MND, the Project Site does not contain any critical habitat or support any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations. As with the Original Project, the Modified Project would require removal of all thirty-nine onsite trees, which have been determined to be non-native and non-protected species according to the Native Protected Tree Ordinance. Therefore, implementation of MM-BIO-1 and MM-BIO-2 would also ensure potential impacts to candidate, sensitive, or special status species would be reduced to less than significant after mitigation.

Comparison and Addendum Conclusion: The Original Project and the Modified Project would both develop similar land uses within the same site, and would require removal of existing non-native, non-protected trees on Project Site. The MND concludes that potential impacts to candidate, sensitive, or special status species would be reduced to less than significant with implementation of MM-BIO-1 and MM-BIO-2, which specify replacement requirements for non-native tree removals, and actions to avoid affecting nesting birds as required by the MBTA and applicable sections of the California Fish and Game Code. Therefore, implementation of MM-BIO-1 and MM-BIO-2 would also reduce the Modified Project's potential impacts to candidate, sensitive, or special status species to less than significant after mitigation. As such, the Modified Project would not result in new significant effects or a substantial increase in the severity of a significant environmental impact compared to the Original Project, and both would result in less than significant impacts with the incorporation of MM-BIO-1 and MM-BIO-2.

Mitigation Measures:

MM-BIO-1 Tree Removal (Non-Protected Trees):

- Prior to the issuance of any permit, a plot plan shall be prepared indicating the location, size, type, and general condition of all existing trees on the site and within the adjacent public right(s)-of-way.
- All significant (8-inch or greater trunk diameter, or cumulative trunk diameter if multi-trunked, as measured 54 inches above the ground) non-protected trees on the site proposed for removal shall be replaced at a 1:1 ratio with a minimum 24-inch box tree. Net, new trees, located within the parkway of the adjacent public right(s)-of-way, may be counted toward replacement tree requirements.
- Removal or planting of any tree in the public right-of-way requires approval of the Board of Public Works. Contact Urban Forestry Division at: 213-847-3077. All trees in the public right-of-way shall be provided per the current standards of the Urban Forestry Division the Department of Public Works, Bureau of Street Services.

[8] Los Angeles Municipal Code ("LAMC") 12.21.A.12; Ord. No. 177,404.

MM-BIO-2 Habitat Modification (Native Nesting Birds):

- Proposed project activities (including disturbances to native and non-native vegetation, structures and substrates) should take place outside of the breeding bird season which generally runs from March 1- August 31 (as early as February 1 for raptors) to avoid take (including disturbances which would cause abandonment of active nests containing eggs and/or young). Take means to hunt, pursue, catch, capture, or kill, or attempt to hunt, pursue, catch, capture of kill (Fish and Game Code Section 86).
- If project activities cannot feasibly avoid the breeding bird season, beginning thirty days prior to the disturbance of suitable nesting habitat, the applicant shall:
    - Arrange for weekly bird surveys to detect any protected native birds in the habitat to be removed and any other such habitat within 300 feet of the construction work area (within 500 feet for raptors) as access to adjacent areas allows. The surveys shall be conducted by a Qualified Biologist with experience in conducting breeding bird surveys. The surveys shall continue on a weekly basis with the last survey being conducted no more than 3 days prior to the initiation of clearance/construction work.
    - If a protected native bird is found, the applicant shall delay all clearance/construction disturbance activities within 300 feet of suitable nesting habitat for the observed protected bird species (within 500 feet for suitable raptor nesting habitat) until August 31.
    - Alternatively, the Qualified Biologist could continue the surveys in order to locate any nests. If an active nest is located, clearing and construction within 300 feet of the nest (within 500 feet for raptor nests) or as determined by a qualified biological monitor, shall be postponed until the nest is vacated and juveniles have fledged and when there is no evidence of a second attempt at nesting. The buffer zone from the nest shall be established in the field with flagging and stakes. Construction personnel shall be instructed on the sensitivity of the area.
    - The applicant shall record the results of the recommended protective measures described above to document compliance with applicable State and Federal laws pertaining to the protection of native birds. Such record shall be submitted and received into the case file for the associated discretionary action permitting the project.

b. No Impact.

Original Project Analysis: As evaluated in the MND, the Project Site is currently occupied by existing buildings and paved surfaces. The MND also notes that the Project Site is nearly one hundred percent impervious and no natural waterways exist on site. There are no riparian or other sensitive natural communities on site. Therefore, the Original Project would have no impact on riparian habitat or other sensitive natural communities.

Modified Project Analysis: The Modified Project would develop the same property as the Previously Approved Project, which, as established in the MND, is currently occupied by existing buildings and paved areas. There are no riparian or sensitive natural communities within the Project Site. Therefore, the Modified Project would have no impact on riparian habitat or other sensitive natural communities.

Comparison and Addendum Conclusion: The Original Project and the Modified Project would both develop similar land uses within the same Project Site, which does not contain riparian habitat or other sensitive natural communities. Therefore, both would have no impact regarding such resources. As such,

the Modified Project would not result in new significant effects or a substantial increase in the severity of a significant environmental impact compared to the Original Project.

c. No Impact.

Original Project Analysis: The Project Site is entirely developed with impermeable surfaces and does not contain any wetlands or natural drainage channels. Therefore, the Project Site does not support any riparian or wetland habitat and no impact would occur as a result of the redevelopment of the Project Site proposed by the Original Project.

Modified Project Analysis: The Modified Project also proposes the redevelopment of a Project Site that is entirely developed with impermeable surfaces and does not contain any wetlands or natural drainage channels. Therefore, the Modified Project does not support any riparian or wetland habitat and no impact would occur as a result of the redevelopment of the Project Site proposed by the Modified Project.

Comparison and Addendum Conclusion: The Original Project and the Modified Project would both develop similar land uses within the same site, which is entirely developed with urban uses and does not contain any riparian or wetland habitat. Therefore, both would have no impact regarding wetlands, and the Modified Project would not result in new significant effects or a substantial increase in the severity of a significant environmental impact compared to the Original Project.

d. No Impact.

Original Project Analysis: The Original Project would redevelop an infill site located in an urbanized area with no wildlife corridors or native wildlife nursery sites in the project vicinity. Therefore, the Original Project would not interfere with the movement of any resident or migratory fish or wildlife and no impact would occur.

Modified Project Analysis: The Modified Project would redevelop the same site as the Original Project, which is located in an urbanized area and is fully developed with urban uses. There are no wildlife corridors or native wildlife nursery sites within or adjacent to Project Site. Therefore, the Modified Project would not interfere with the movement of any residents or migratory fish or wildlife and no impact would occur.

Comparison and Addendum Conclusion: The Original Project and the Modified Project would both develop similar land uses within the same site, which is located in an urbanized area with no wildlife corridors or native wildlife nursery sites in the project vicinity. Therefore, both would have no impact regarding such resources. As such, the Modified Project would not result in new significant effects or a substantial increase in the severity of a significant environmental impact compared to the Original Project, as both would have no impact.

e. Less Than Significant Impact With Mitigation.

Original Project Analysis: As stated previously, thirty-nine trees that measure eight inches or greater in diameter at breast height (i.e. significant trees), all of which are non-native and non-protected species according to the Native Protected Tree Ordinance, were identified on the Project Site. Development of the Original would require removal of all thirty-nine existing trees and potentially up to three street trees along Pasadena Avenue. The MND determines that implementation of MM-BIO-1, as discussed above, which specifies tree replacement requirements, would reduce potential impacts to less than significant. In addition, the MND discussed compliance with the MBTA and applicable sections of the California Fish and Game code, as well as implementation of MM-BIO-2, to avoid impacting nesting birds if residing in trees to be removed.

The Original Project would comply with the City's tree ordinance and its potential impacts associated with loss of on-site trees would be reduced to less than significant with mitigation.

Modified Project Analysis: The Modified Project would develop the same property with a similar use as the Original Project, and would likewise require removal of onsite non-native and non-protected tree species. As stated above, compliance with MM-BIO-1, which specifies tree replacement requirements, would reduce the potential impact regarding loss of on-site trees to less than significant with mitigation. Additionally, as discussed above, implementation of MM-BIO-2 would reduce potential impacts to nesting birds. Accordingly, the Modified Project would comply with the City's tree ordinance and would not conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance result in less than significant impacts with the implementation of mitigation.

Comparison and Addendum Conclusion: The Original Project and the Modified Project would both develop similar land uses within the same site, and would require removal of non-native and non-protected tree from Project Site. With compliance with the City's tree ordinance and the inclusion of the previously identified MM-BIO-1 and MM-BIO-2, the Modified Project would result in less than significant impacts pertaining to conflict with local policies or ordinances protecting biological resources. As such, impacts for either would have less than significant impacts with mitigation incorporated, and the Modified Project would not result in new significant effects or a substantial increase in the severity of a significant environmental impact compared to the Original Project.

f. No Impact.

Previously Approved Project Analysis: The Original Project would redevelop an urban site that is not a part of, or in the vicinity of any draft or adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan. Therefore, the Original Project would not conflict with any applicable habitat conservation plan and no impact would occur.

Modified Project Analysis: The Modified Project would redevelop the same urban site as the Original Project, which is not part of any draft or adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan. Therefore, the Modified Project would not conflict with any applicable habitat conservation plan and no impact would occur.

Comparison and Addendum Conclusion: The Original Project and the Modified Project would both develop similar land uses within the same site, which is not located within any draft or adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan. Therefore, development of either the Original Project or the Modified Project on Project Site would not conflict with such plans, and there would be no impact. As such, the Modified Project would not result in new significant effects or a substantial increase in the severity of a significant environmental impact compared to the Original Project.

Cumulative Impacts

The MND concludes that the Original Project would result in a less than significant cumulative impact to biological resources in conjunction with the identified related projects. In accordance with the above analysis, the Modified Project proposes a similar mixed-use development on the same urban infill property, and would not result in a greater impact to biological resources as the Original Project. Therefore, cumulative impacts to biological resources under the Modified Project would be less than significant.

V. CULTURAL RESOURCES.	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
a. Cause a substantial adverse change in significance of a historical resource as defined in CEQA Section 15064.5?	☐	☐	☒	☐
b. Cause a substantial adverse change in significance of an archaeological resource pursuant to CEQA Section 15064.5?	☐	☐	☒	☐
c. Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?	☐	☐	☒	☐
d. Disturb any human remains, including those interred outside of formal cemeteries?	☐	☐	☒	☐
e. Cause a substantial adverse change in significance of a site, feature, place, cultural landscape, sacred place, or object with cultural value to a California Native American Tribe that is listed or determined eligible for listing on the California register of historical resources, listed on a local historical register, or otherwise determined by the lead agency to be tribal cultural resource?	☐	☐	☒	☐

Impact Analysis

Section 15064.5 of the State CEQA Guidelines defines a historical resource as: (1) a resource listed in or determined to be eligible by the State Historical Resources Commission for listing in the California Register of Historical Resources; (2) a resource listed in a local register of historical resources or identified as significant in an historical resource survey meeting certain State guidelines; or (3) an object, building, structure, site, area, place, record, or manuscript which a lead agency determines to be significant in the architectural, engineering, scientific, economic, agricultural, educational, social, political, military, or cultural annals of California, provided that the lead agency's determination is supported by substantial evidence in light of the whole record. A substantial adverse change in the significance of a historic resource means demolition, destruction, relocation, or alteration of the resource or its immediate surroundings such that the significance of a historical resource would be materially impaired.

a. Less Than Significant Impact.

Original Project Analysis: As stated in the MND, the Department of City Planning, Los Angeles Historic Resources Inventory and Survey LA, had reviewed each of the buildings on-site, and only identified the 3,521 square foot light manufacturing building located at 153 W. Avenue 34 for further review. The Los Angeles Historic Resources Inventory and Survey LA determined that this building does not meet the eligibility standards for historic listing, due to alterations to the façade windows and entrance. Although the Original Project would have retained a portion of the building at 153 W. Avenue 34, as well as a portion of

an existing building that fronts Pasadena Avenue, the Project Site does not contain any historic or potentially historic resources, and therefore, the Original Project does not have the potential to result in a substantial adverse change to a historic resource, and potential impacts to historic resources would be less than significant.

Modified Project Analysis: The Modified Project would redevelop the same property as the Original Project, and similarly would remove existing structures for construction of new structures. Although the Modified Project would remove all existing structures from the Project Site, as discussed in the MND, the Project Site does not contain any historic or potentially historic resources, and therefore, the Modified Project does not have the potential to result in a substantial adverse change to a historic resource, and potential impacts to historic resources would be less than significant.

Comparison and Addendum Conclusion: The Project Site does not contain any historic or potentially historic resources, and therefore, neither the Original Project or Modified Project have the potential to result in a substantial adverse change to a historic resource, and potential impacts to historic resources for either the Original Project or the Modified Project would be less than significant. For the reasons discussed above, the Modified Project would result in no new significant effects and no substantial increase in the severity of previously identified significant effects as compared to the Original Project.

b. Less Than Significant Impact.

Original Project Analysis: As evaluated in the MND, there are no known archaeological sites identified within the Project Site, and there is no evidence that suggests the Project Site contains any archaeological sites or archaeological resources. Additionally, it notes that the Project Site has been previously developed and is located in an urbanized area within the City. The Original Project would include excavation to a depth of approximately 15 feet below grade across the majority of the Project Site, to construct a one level subterranean parking garage. Thus, it was determined that the potential exists for the accidental discovery of unknown and unrecorded archaeological materials. However, an existing regulatory compliance measure detailing the required protocol that must be followed in the unlikely event any archaeological resources are encountered during the construction phase would be implemented in order to ensure that potential impacts to unknown archaeological resources would be less than significant.

The MND concludes that due to the absence of any known archeological resources and with compliance with applicable regulatory compliance measures, no mitigation measures are warranted. Because the presence or absence of such materials cannot be determined until Project Site is excavated, compliance with the regulatory compliance measure would ensure that if construction of the Original Project would encounter any unanticipated archaeological resources, potential impacts to such resources would be less than significant.

Modified Project Analysis: The Modified Project would redevelop the same subject property as the Original Project, and would also include excavation for subterranean parking. The Modified Project would include two levels of subterranean parking, which would be approximately twice the depth of the Original Project. However, the two levels of subterranean parking would be confined to a smaller portion of the Project Site area than the Original Projects' subterranean garage level, and the volume of soil export from excavations onsite would be slightly less than the soil export under the Original Project.

A records search was conducted at the South Central Coastal Information Center (SCCIC) in 2019, as reported in the Cultural Resource Assessment Letter (**Appendix C**) to determine if any archaeological resources have been identified within the Project Site or in the vicinity since the adoption of the MND.

Additionally, a letter was sent to the Native American Heritage Commission (NAHC) to request if there are any known archaeological resources within the Project Site according to their records. The results of the records search and request of the SCCIC and the NAHC were negative for any recorded archaeological resources within or in the immediate vicinity of the Project Site.

Therefore, similar to the evaluation of the Original, the Modified Project would comply with the regulatory compliance measure below, which describes the required protocol that would be followed in the unlikely event that archaeological resources are encountered during site disturbance and grading construction activities. Compliance with the applicable regulatory compliance measure would ensure that potential impacts to unknown archaeological resources would be less than significant. This regulatory compliance measure is stated as follows:

> (**Archaeological**): If archaeological resources are discovered during excavation, grading, or construction activities, work shall cease in the area of the find until a qualified archaeologist has evaluated the find in accordance with federal, State, and local guidelines, including those set forth in California Public Resources Code Section 21083.2. Personnel of the proposed Modified Project shall not collect or move any archaeological materials and associated materials. Construction activity may continue unimpeded on other portions of the Project Site. The found deposits would be treated in accordance with federal, State, and local guidelines, including those set forth in California Public Resources Code Section 21083.2.

Due to the absence of any known archeological resources within Project Site in light of compliance with the identified regulatory compliance measure, no mitigation measures are warranted. Because the presence or absence of such materials cannot be determined until Project Site is excavated, compliance with the regulatory compliance measure above would ensure that if construction of the Modified Project would encounter any unanticipated archaeological resources, potential impacts to such resources would be less than significant.

Comparison and Addendum Conclusion: The Project Site is not known to contain archaeological resources. The Original and the Modified Project would both excavate below grade for construction of a subterranean parking garage, resulting in disturbance and removal of a similar volume of soil from Project Site. The existing regulatory compliance measure identified for the Original Project would also apply to the Modified Project, which requires that specific protocols be followed in the unlikely event that archaeological resources are encountered during construction of the Original Project or the Modified Project.

For the reasons discussed above, the Modified Project would result in no new significant effects and no substantial increase in the severity of previously identified significant effects regarding archaeological resources as compared to the Original Project.

c. Less Than Significant Impact.

Original Project Analysis: As evaluated in the MND, the Project Site has been developed since the early 1900s, and was developed into its current layout in the late 1970s. Additionally, the MND indicates that the Project Site is not shown to contain any known vertebrate paleontological resources based on a map of Vertebrate Paleontological Resources in the City.[9] However, if unknown paleontological resources would

[9] City of Los Angeles Department of City Planning, Environmental and Public Facilities Maps: Vertebrate Paleontological Resources in the City of Los Angeles, September 1996.

be encountered during construction of the Original Project, an existing regulatory compliance measure detailing the required protocol that must be followed would ensure potential impacts to such resources would be less than significant.

Modified Project Analysis: The Modified Project would redevelop the same subject property as the Original Project. Although the Project Site has been disturbed in the past by previous development activities, and is currently fully developed with industrial and commercial uses, the Modified Project would require excavation for construction of a two-level subterranean parking garage under the western and central portions of the Project Site that could disturb native soils at depth. Onsite grading would result in approximately 91,000 cy of soil export from the Project Site.

Similar to the Original Project, the Modified Project would be subject to a regulatory compliance measure that specifies required protocol to follow in the event that unknown paleontological resources would be encountered during site disturbance and grading construction activities. The required compliance measure is as follows:

> **(Paleontological)**: If paleontological resources are discovered during excavation, grading, or construction, the City of Los Angeles Department of Building and Safety shall be notified immediately, and all work shall cease in the area of the find until a qualified paleontologist evaluates the find. Construction activity may continue unimpeded on other portions of the Project Site. The paleontologist shall determine the location, the time frame, and the extent to which any monitoring of earthmoving activities shall be required. The found deposits would be treated in accordance with federal, State, and local guidelines, including those set forth in California Public Resources Code Section 21083.2

Comparison and Addendum Conclusion: The Project Site is not known to contain paleontological resources. The Original Project and the Modified Project would both excavate below grade for construction of a subterranean parking garage, resulting in disturbance and removal of a similar volume of soil from the Project Site, though the Modified Project would require less soil removal and export overall. The existing regulatory compliance measure identified for the Original Project would also apply to the Modified Project, which requires that specific protocols be followed in the unlikely event that paleontological resources are encountered during site disturbance and grading construction activities for the Original Project and Modified Project.

For the reasons discussed above, the Modified Project would result in no new significant effects and no substantial increase in the severity of previously identified significant effects regarding paleontological resources as compared to the Original Project.

d. Less Than Significant Impact.

Original Project Analysis: If human remains are encountered unexpectedly during construction activities, State Health and Safety Code Section 7050.5 requires that no further disturbance shall occur until the County Coroner has made the necessary findings as to origin and disposition pursuant to California Public Resources Code Section 5097.98

Modified Project Analysis: The Modified Project is similar to the Original Project in that State Health and Safety Code Section 7050.5 requires that if human remains are encountered unexpectedly during construction activities, no further disturbance shall occur until the County Coroner has made the necessary findings as to origin and disposition pursuant to California Public Resources Code Section 5097.98. If

human remains are discovered, the following regulatory compliance measure would ensure that impacts would be less than significant:

> **(Human Remains):** If human remains are encountered unexpectedly during construction demolition and/or grading activities, State Health and Safety Code Section 7050.5 requires that no further disturbance shall occur until the County Coroner has made the necessary findings as to origin and disposition pursuant to California Public Resources Code (PRC) Section 5097.98. In the event that human remains are discovered during excavation activities, the following procedure shall be observed:
>
> - Stop immediately and contact the County Coroner:
>
> 1104 N. Mission Road
> Los Angeles, CA 90033
> 323-343-0512 (8 a.m. to 5 p.m. Monday through Friday) or
> 323-343-0714 (After Hours, Saturday, Sunday, and Holidays)
>
> - If the remains are determined to be of Native American descent, the Coroner has 24 hours to notify the Native American Heritage Commission (NAHC).
> - The NAHC will immediately notify the person it believes to be the most likely descendent of the deceased Native American.
> - The most likely descendent has 48 hours to make recommendations to the owner, or representative, for the treatment or disposition, with proper dignity, of the human remains and grave goods.
> - If the owner does not accept the descendant's recommendations, the owner or the descendent may request mediation by the NAHC.

Comparison and Addendum Conclusion: The Project Site is not known to contain human remains. The Original and the Modified Project would both excavate below grade for construction of a subterranean parking garage, resulting in disturbance and removal of a similar volume of soil from the Project Site, though the Modified Project would require less soil removal and export. The existing regulatory compliance measure identified for the Original Project would also apply to the Modified Project, which requires that specific protocols be followed in the unlikely event that human remains are encountered during site disturbance and grading construction activities.

For the reasons discussed above, the Modified Project would result in no new significant effects and no substantial increase in the severity of previously identified significant effects as compared to the Original Project.

e. Less Than Significant Impact.

Original Project Analysis: As documented in the MND, pursuant to AB 52, the Department of City Planning sent pre-consultation request letters on May 25, 2016 to the recognized Native American Tribal Representatives within the Los Angeles region, regarding the proposed redevelopment of the infill site associated with the Original Project. The City did not receive any responses.

Because the Project Site has been subject to ground disturbance activities in the past and is not known to be associated with any cultural or sacred sites, and no Native American Tribal Representatives requested consultation regarding redevelopment of the Project Site, the MND determines that the probability for the discovery of a known site, feature, place, cultural landscape, sacred place, or object with cultural value to a California Native American Tribe is considered low. In the absence of any known cultural resources

within the Project Site, the MND determines that required adherence to regulatory compliance measures described above that must be followed if unknown archaeological resources or human remains are encountered during construction would ensure the Original Project's potential to impact tribal cultural resources would be less than significant.

Modified Project Analysis: The Modified Project would redevelop the same subject property as the Original Project. Updated records searches did not indicate that the Project Site contains any known archaeological or historical resources, and no known tribal cultural resources have been identified on the Project Site. However, as with the Original Project, in the event that ground disturbance during construction of the Modified Project encounters an unknown cultural resource, the existing regulatory compliance measures discussed above specifying the protocols to follow if such resources are encountered would also reduce potential impacts to unknown tribal cultural resources to less than significant.

Comparison and Addendum Conclusion: Both the Original Project and the Modified Project would redevelop the same previously developed infill property, and would both include excavations for construction of underground garage levels within the Project Site. Although the Project Site has not been shown to contain known cultural resources, in the event that unknown cultural resources are discovered during construction, both the Original Project and the Modified Project would be required to follow the applicable regulatory compliance measures described above. Adherence to these regulatory compliance measures would reduce potential impacts to unknown tribal cultural resources during construction to less than significant. For the reasons discussed above, the Modified Project would result in no new significant effects and no substantial increase in the severity of previously identified significant effects as compared to the Original Project.

Cumulative Impacts

The MND concludes that the Original Project would result in a less than significant cumulative impact to cultural resources in conjunction with the identified related projects. Impacts to cultural resources tend to be site-specific and are assessed on a site-by-site basis. The above analysis of the Modified Project's impacts to cultural resources indicates that the Modified Project would not have a greater impact on cultural resources than the Original Project, and would have no significant impacts with respect to cultural resources following appropriate regulatory compliance measures. Therefore, the Modified Project's incremental contribution to a cumulative impact would not be considerable, and cumulative impacts to cultural resources would be less than significant.

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
VI. GEOLOGY AND SOILS.				
Would the project:				
a. Expose people or structures to potential substantial adverse effects, including the risk of loss, injury or death involving:				
i. Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.	☐	☐	☒	☐
ii. Strong seismic ground shaking?	☐	☐	☒	☐
iii. Seismic-related ground failure, including liquefaction?	☐	☐	☒	☐
iv. Landslides?	☐	☐	☐	☒
b. Result in substantial soil erosion or the loss of topsoil?	☐	☐	☒	☐
c. Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction, or collapse?	☐	☐	☒	☐
d. Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial risks to life or property?	☐	☐	☐	☒
e. Have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater?	☐	☐	☐	☒

Impact Analysis

The MND's analysis of potential impacts associated with geology and soils included information provided in a Geotechnical Investigation[10] prepared for the Original Project, as well as a Soils Report Approval Letter provided by the City's Department of Building and Safety (dated January 26, 2016).

[10] Geocon West, Inc., Geotechnical Investigation: Proposed Mixed-Use Residential Development, 141 West Avenue 34, Los Angeles, California, July 23, 2015.

a.i. Less Than Significant Impact.

Original Project Analysis: The MND determines that the Project Site is not within an established Alquist-Priolo Earthquake Fault Zone for surface fault rupture hazards, and there are no known active or potentially active faults with the potential for surface fault rupture directly beneath the Project Site. Therefore, the potential for surface rupture due to faulting occurring within the Project Site is considered low, and the previous analysis concluded that the potential for impacts associated with surface fault rupture would be considered less than significant.

Additionally, the previous analysis states that the Original Project would be required by law and Environmental [Q] Condition C.9, to adhere to current engineering standards, the seismic safety requirements set forth in the City of Los Angeles Building Code ("LABC") and the Los Angeles Municipal Code ("LAMC"), and design recommendations set forth in the Geotechnical Investigation so that the proposed structures may withstand typical seismic ground shaking. The MND also determined that potential seismic safety impacts would be further reduced by incorporation of the following regulatory compliance measure:

> **(Seismic and Geotechnical Safety):** The project shall comply with the conditions contained within the Department of Building and Safety's Geology and Soils Report Approval Letter (dated January 26, 2016) and Project's Geotechnical Investigation prepared by Geocon West, Inc. (dated July 23, 2015), and as it may be subsequently amended or modified.

Modified Project Analysis: As established in the MND, the Project Site is not located within an Alquist-Priolo Earthquake Fault Zone, and there are no known active or potentially active faults within the Project Site. Therefore, the Modified Project would not expose people or structures to substantial adverse effects involving rupture of a known earthquake fault, as there are no faults known that could cause a surface rupture within the Project Site.

The Modified Project would also be required to comply with applicable engineering standards, as well as the LABC and LAMC. Pursuant to [Q] Condition C.9, the Modified Project's design and construction would be required to conform to the Uniform Building Code seismic standards as approved by the Department of Building and Safety. With compliance with these regulatory compliance measures, the Modified Project's impacts regarding rupture of a known earthquake fault would be less than significant.

Comparison and Addendum Conclusion: The Original Project and the Modified Project would both develop similar land uses within the same site, which is not located within an Alquist-Priolo Earthquake Fault Zone, and does not contain a known active or potentially active fault. Pursuant to applicable regulations, development of either the Original Project or the Modified Project would be required to comply with applicable building regulations regarding preparation of geotechnical studies and implementation of recommendations to address seismic hazards. As such, potential impacts pertaining to rupture of a known earthquake fault for either would be less than significant, and the Modified Project would not result in new significant effects or a substantial increase in the severity of a significant environmental impact compared to the Original Project, as both would be less than significant.

a.ii. Less Than Significant Impact.

Original Project Analysis: The MND determines that because the Project Site is located in seismically active Southern California, the Original Project could be subject to moderate to strong ground shaking in the event of an earthquake. The MND stated that conformance with [Q] Condition C.9 and current building codes and engineering practices would reduce the potential effects of ground shaking in addition to

compliance with the 2016 Geotechnical Investigation design recommendations. As the Original Project would not expose people or structures to potential adverse effects due to strong seismic ground shaking with compliance with regulatory compliance measures, impacts would be less than significant.

Modified Project Analysis: As established by the MND, the Project Site is located in seismically active Southern California and could be subjected to moderate to strong ground shaking in the event of an earthquake. The Modified Project would comply with all applicable codes and regulations, as well as [Q] Condition C.9, which requires the design and construction to conform to the Uniform Building Code seismic standards as approved by the Department of Building and Safety. The Modified Project plans would be required to be submitted to the Department of Building and Safety for review and approval prior to issuance of building permits. As such, the Modified Project's impacts regarding strong seismic ground shaking would be less than significant.

Comparison and Addendum Conclusion: The Original Project and the Modified Project would both develop similar land uses within the same site, which is located in seismically active Southern California. The Modified Project would be subject to the current building codes, engineering practices and Geotechnical Report design recommendations to reduce the potential effects of ground shaking, as would the Original Project. As such, impacts associated with strong seismic ground shaking would be less than significant for either the Original Project or the Modified Project.

For the reasons discussed above, the Modified Project would result in no new significant effects and no substantial increase in the severity of previously identified significant effects as compared to the Original Project.

a.iii. Less Than Significant Impact.

Original Project Analysis: As stated in the MND, liquefaction is a phenomenon in which loose, saturated, relatively cohesionless soil deposits lose shear strength during strong ground motions. Primary factors controlling liquefaction include intensity and duration of ground motion, gradation characteristics of the subsurface soils, in-situ stress conditions, and the depth to groundwater. The MND established that the Project Site is located within an area mapped as being susceptible to liquefaction during a seismic event. Therefore, pursuant to [Q] Condition C.11, the Geotechnical Investigation included a liquefaction analysis of the soil underlying the Project Site to assess potential consequences of any liquefaction and soil strength loss, estimation of settlement, lateral movement or reduction in foundation soil-bearing capacity. Notably, this liquefaction analysis concluded that the alluvial soils below the historic high groundwater level would not be susceptible to liquefaction settlement during a design level earthquake ground motion and a maximum considered earthquake. Nevertheless, in compliance with Environmental [Q] Condition C.11, the Proposed Project would adhere to current engineering standards, the seismic safety requirements set forth in the LABC and the LAMC, and design recommendations set forth in the Geotechnical Investigation. Therefore, with these regulatory compliance measures, potential impacts related to liquefaction would be less than significant.

Modified Project Analysis: As established in the MND, the Project Site is located within an area mapped as being susceptible to liquefaction during a seismic event. Pursuant to [Q] Condition C.11, the Modified Project would be required to submit a geotechnical report including a liquefaction analysis to the Department of Building and Safety for review and approval during the plan check process prior to obtaining building permits. The Modified Project would be required to comply with all applicable state and local

regulatory compliance measures, including current engineering standards, and the seismic safety requirements set forth in the LABC and the LAMC. As such, with these regulatory compliance measures, the Modified Project's impacts regarding liquefaction would be less than significant.

Comparison and Addendum Conclusion: The Original and the Modified Project would both develop the same Project Site that is located within an area mapped as potentially susceptible to liquefaction during a seismic event. Both the Original Project and Modified Project would be subject to the applicable regulatory compliance measures addressing liquefaction. As such, the potential for environmental impacts pertaining to liquefaction for both are less than significant

For the reasons discussed above, the Modified Project would result in no new significant effects and no substantial increase in the severity of previously identified significant effects as compared to the Original Project.

a.iv. No Impact.

Original Project Analysis: The MND notes that the Project Site is not located within a City Hillside Grading Area or Hillside Ordinance Area. The City of Los Angeles General Plan Safety Element further indicates that the Project Site is not located in an area susceptible to landslides.[11] As the Project Site is not within an area identified as having a potential for seismic slope instability, the Original would have no impact.

Modified Project Analysis: As established in the MND, the Project Site is not located within a City Hillside Grading Area, Hillside Ordinance Area, or an area susceptible to landslides. As the Modified Project site is not within an area identified as having a potential for seismic slope instability, the Modified Project would have no impact.

Comparison and Addendum Conclusion: As the Project Site is not located within a City Hillside Grading Area, Hillside Ordinance Area, or an area susceptible to landslides, the Original and the Modified Project would have no impact regarding landslides.

For the reasons discussed above, the Modified Project would result in no new significant effects and no substantial increase in the severity of previously identified significant effects as compared to the Original Project.

b. Less Than Significant Impact.

Original Project Analysis: The MND determines that the Original Project would potentially result in erosion of soils during site preparation and construction activities. However, erosion would be reduced by implementation of stringent erosion controls imposed by the City through grading and building permit regulations. During operations, the potential for substantial erosion on the Project Site would be low due to the generally level topography of the Project Site, and because so little soil would remain exposed after redevelopment.

As stated in the MND, all grading activities require grading permits from the Department of Building and Safety, which include requirements and standards designed to limit potential impacts to acceptable levels. In addition, all on-site grading and site preparation would comply with applicable provisions of Chapter

[11] City of Los Angeles Department of City Planning, Safety Element of the Los Angeles City General Plan, Exhibit C: Landslide Inventory & Hillside Areas In the City of Los Angeles, June 1994.

IX, Division 70 of the LAMC, which addresses grading, excavations, and fills. Additionally, implementation of the regulatory compliance measure, below, would further ensure the Original Project's potential impact regarding erosion or loss of topsoil would be less than significant.

> **(Erosion/Grading/Short-Term Construction Impacts)**: Chapter IX, Division 70 of the Los Angeles Municipal Code addresses grading, excavations, and fills. All grading activities require grading permits from the Department of Building and Safety. Additional provisions are required for grading activities within Hillside areas. The application of BMPs includes but is not limited to the following mitigation measures:
>
> - Excavation and grading activities should be scheduled during dry weather periods. If grading occurs during the rainy season (October 15 through April 1), diversion dikes shall be constructed to channel runoff around the site. Channels shall be lined with grass or roughened pavement to reduce runoff velocity.
> - Stockpiles, excavated, and exposed soil shall be covered with secured tarps, plastic sheeting, erosion control fabrics, or treated with a bio-degradable soil stabilizer.

Modified Project Analysis: As established by the MND, the Project Site is relatively level. During operations, the potential for substantial erosion on the Project Site would be low due to the generally level topography of the Project Site, and because so little soil would remain exposed after redevelopment.

During construction, the Modified Project would be required to comply with Chapter IX, Division 70 of the LAMC, which addresses grading, excavations, and fills, as well as all Department of Building and Safety permit regulations that would reduce potential erosion referenced above. Additionally, the applicant would be required to obtain coverage under the State Water Resources Control Board National Pollution Discharge Elimination System ("NPDES") Construction General Permit, create a Storm Water Pollution Prevention Plan ("SWPPP"), and identify construction Best Management Practices ("BMPs") that would be implemented to minimize potential soil erosion and sedimentation during construction. As such, the Modified Project's impacts regarding erosion would be less than significant.

Comparison and Addendum Conclusion: The Original Project and the Modified Project would both develop the same site, which would remove existing impervious surfaces and result in exposed soils on the Project Site during construction. Development of the Project Site would be required to implement BMPs to reduce potential erosion pursuant to required permitting and LAMC requirements. During operations, both the Original Project and the Modified Project would have a low potential for erosion during operations as the Project Site is relatively level and would be developed with urban uses. Both would be required to comply with all Department of Building and Safety permit regulations, the LAMC grading, excavation and fill provisions, and NPDES requirements and environmental impacts pertaining to erosion for both are less than significant.

For the reasons discussed above, the Modified Project would result in no new significant effects and no substantial increase in the severity of previously identified significant effects as compared to the Original Project.

c. Less Than Significant Impact.

Original Project Analysis: The MND notes that the potential for seismically induced settlement at the Project Site is small and the Project Site is not located within an area that is susceptible to landslides and subsidence. As stated above, although the Project Site is located within an area identified as susceptible to

liquefaction, the Geotechnical Investigation determined that the soils underlying the Project Site would not be susceptible to liquefaction during a seismic event.

As the Original Project would be required to comply with the Department of Building and Safety's Soils Approval Letter, and as no large-scale extraction of groundwater, gas, oil, or geothermal energy is occurring or is planned to occur within the Project Site or the general vicinity, development of the Original Project would not create unstable geologic conditions on or off the Project Site, and impacts would be less than significant.

Modified Project Analysis: As established by the MND, the Project Site is not located within an area susceptible to landslides or subsidence. Additionally, the Geotechnical Investigation prepared for the Original Project determined that the soils underlying the Project Site would not be susceptible to liquefaction during a seismic event. Nevertheless, pursuant to [Q] Condition C.11, a Geotechnical Report including a liquefaction analysis would be required for the Modified Project and would be submitted to the Department of Building and Safety for review and approval during the plan check process prior to obtaining a building permit.

The Modified Project does not propose large-scale extraction of groundwater, gas, oil, or geothermal energy and thus would not create unstable geologic conditions on or off the Project Site. As such, the Modified Project's impacts regarding unstable geologic conditions would be less than significant.

Comparison and Addendum Conclusion: The MND concludes that the Original Project would not be located in an area susceptible to landslides and subsidence. The Modified Project would construct a similar mix of land uses on the Project Site, and would be subject to the same requirements. As both the Original Project and the Modified Project would be required to comply with applicable regulations to ensure soil stability, impacts pertaining to unstable geologic conditions for either would be less than significant.

For the reasons discussed above, the Modified Project would result in no new significant effects and no substantial increase in the severity of previously identified significant effects as compared to the Original Project.

d. No Impact.

Original Project Analysis: The MND notes that soils located at the Project Site are considered to have a "very low" expansive potential and are classified as "non-expansive" in accordance with the 2013 California Building Code Section 1803.5.3. Therefore, the Original Project would have no impact regarding expansive soils.

Modified Project Analysis: As established by the MND, the Project Site has a "very low" expansive potential and the soils located at the Project Site are classified as "non-expansive." Therefore, the Modified Project would have no impact regarding expansive soils.

Comparison and Addendum Conclusion: The Original Project and the Modified Project would both develop the same site, which has a "very low" expansive potential and the soils located at the Project Site are classified as "non-expansive." As such, impacts pertaining to expansive soils for either would have no impact on the environment, and the Modified Project would not result in new significant effects or a substantial increase in the severity of a significant environmental impact compared to the Original Project, as both would have no impact.

e. No Impact.

Original Project Analysis: The Original Project would be connected to the City's sewer system and does not propose to install or use septic tanks or alternative wastewater disposal systems. Therefore, the Original Project would have no impact associated with the use of septic tanks.

Modified Project Analysis: The Modified Project would be connected to the City's sewer system and does not propose to install or use septic tanks or alternative wastewater disposal systems. Therefore, the Modified Project would have no impact regarding supporting the use of septic tanks.

Comparison and Addendum Conclusion: The Original Project and the Modified Project would both be connected to the City's sewer system, and neither would install or use septic tanks or alternative wastewater disposal systems. Therefore, both would have no impact on the environment in that regard, and the Modified Project would not result in new significant effects or a substantial increase in the severity of a significant environmental impact compared to the Original Project.

Cumulative Impacts

The MND concludes that the Original Project would result in a less than significant cumulative impact with respect to geological and soil resources in conjunction with the identified related projects. As stated in the MND, impacts to geological and soil resources are site-specific, and are to be assessed on a case-by-case basis. In accordance with the above analysis, the Modified Project proposes a similar mixed-use development on the same urban infill Project Site, and would not result in a greater impact to geological and soil resources than the Original Project. Furthermore, the analysis of the Modified Project's geology and soil impacts concluded that, through adherence with the regulatory compliance measures listed above, the Modified Project impacts would be reduced to less than significant levels. As a result of the site specific nature of such impacts and based on the fact that the Modified Project would not result in any significant impacts, the Modified Project would not create a cumulatively considerable contribution to any potential cumulative impacts, and the Modified Project's cumulative geology and soil impacts would be less than significant.

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
VII. GREENHOUSE GAS EMISSIONS.				
Would the project:				
a. Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?	☐	☐	☒	☐
b. Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?	☐	☐	☒	☐

Impact Analysis

As discussed in the MND, greenhouse gas ("GHG") emissions refer to a group of emissions that have the potential to trap heat in the atmosphere and consequently affect global climate conditions. Scientific studies have concluded that there is a direct link between increased emission of GHGs and long-term global temperature. The principal GHGs are carbon dioxide (CO_2), methane (CHO), nitrous oxide (N_20), sulfur hexafluoride (SF_6), perfluorocarbons (PFCs), hydrofluorocarbons (HFCs), and water vapor (H_20). CO_2 is the reference gas for climate change because it is the predominant GHG emitted. To account for the varying warming potential of different GHGs, GHG emissions are often quantified and reported as CO_2 equivalents (CO_2e), or metric tons of CO_2e ($MTCO_2e$). The MND also provided summaries of the following regulatory and guidance documents regarding GHG reductions:

- California Global Warming Solutions Act of 2006
- LA Green Plan
- LA Green Building Code
- 2016-2040 RTP/SCS
- Sustainable Communities and Climate Protection Act (SB 375)
- SCAQMD (draft guidance regarding interim CEQA GHG significance thresholds)

a. Less Than Significant Impact.

Original Project Analysis: The MND states that the City has not adopted thresholds of significance for addressing a residential and retail mixed-use project's GHG emissions pursuant to CEQA. Therefore, pursuant to the guidance provided in Section 15064.4 of the CEQA Guidelines, the MND evaluated whether the Original Project would generally comply with the applicable policies and/or regulations outlined in the Scoping Plan, SB 375, SCAG's RTP/SCS, and the LA Green Building Code.

The previous analysis also quantified the net change in annual GHG emissions that would result from redevelopment of the Project Site with the Original Project. As shown in the MND, development of the Original Project (including construction emissions amortized over 30 years), would generate an estimated 5,101.48 $MTCO_2e$/year of GHG emissions as estimated using CalEEMod, and with removal of the existing land uses from the Project Site, the net change in GHG emissions would be reduced to 2,847.37 $MTCO_2e$/year.

The following discussion summarizes the MND's evaluation of consistency with the Scoping Plan, SB 375, SCAG's RTP/SCS, and the LA Green Building Code.

AB 32 Scoping Plan

The following list of benefits and applicability of compliance measures and design features that would reduce the carbon footprint of the Original Project was provided in the MND:

1. **Infill Development**. The Project Site is an infill site that is currently developed with light industrial land uses and is located within a transit priority area. The Project Site is also located in an area that is adequately served by existing infrastructure and would not require the extension of utilities or roads to accommodate the proposed development.
2. **Transit Priority Area**. The Project Site is also located in a Transit Priority Area as defined by CEQA Sections 21099 and 21064.3. The MND indicates that a mixed-use development in close proximity to regional transit would result in fewer trips and a reduction in vehicle miles traveled ("VMTs") as compared to similar uses that are not located in close proximity to transit. The Project here is a short walking distance from a light rail station.
3. **Energy Conservation**. As mandated by the L.A. Green Building Code, redevelopment on the Project Site would be required to meet or exceed Title 24 standards and include ENERGY STAR appliances.
4. **Solid Waste Reduction Efforts**. A reduction of at least 50 percent of construction waste [disposal] would be required. In addition, AB 939 requirements to divert 50 percent of solid waste from landfills through source reduction, recycling, and composting would apply, and adequate storage areas for collection and storage of recyclable waste materials would be required by the California Solid Waste Reuse and Recycling Access Act of 1991.
5. **Water Conservation**. Plumbing fixtures and fixture fittings that reduce potable water use by at least 20 percent would be required, and irrigation design and controllers that are weather- or soil moisture-based and automatically adjust in response to weather conditions and plants' needs would be required.

Additionally, the Original Project was determined to be consistent with the California Air Resources Board's ("CARB's") AB 32 Scoping Plan (2008) and First Update (2014) measures to reduce GHG emissions that are generally relevant to land use development.

SB 375

The Original Project was also determined to be consistent with SB 375 in the MND, which requires adoption of a Sustainable Community Strategy by the Metropolitan Planning Organization to encourage compact development for reducing passenger VMT and trips so that the region will meet the target provided in the Scoping Plan, created by CARB, for reducing GHG emissions.

SCAG's RTP/SCS

Likewise, the Original Project was determined to be consistent with key GHG reduction strategies in SCAG's 2016-2040 RTP/SCS, including:

- Compact growth in areas accessible to transit;
- More multi-family housing;
- Jobs and housing closer to transit;
- New housing and job growth focused in High Quality Transit Areas ("HQTAs"); and
- Biking and walking infrastructure to improve active transportation options, transit access.

L.A. Green Building Code

The Original Project would also be required to comply with mandatory measures under the L.A. Green Building Code that would help reduce GHG emissions, including provision of adequate short- and long-term bicycle parking; and electric vehicle (EV) supply wiring.

Therefore, it was determined that the Original Project would not make a project-specific or cumulatively considerable contribution to GHG emissions, as it would be consistent with these regulatory and guidance documents, and therefore, impacts would be less than significant.

Modified Project Analysis: Temporary construction activities to develop the Project Site would result in GHG emissions associated with the use of construction equipment and various construction materials (paint, asphalt, etc.). Long-term operations of the proposed residential project would result in GHG emissions associated with the use of motor vehicles and landscaping equipment, natural gas, offsite generation of electricity, and treatment and/or conveyance of water, wastewater, and solid waste. The Modified Project's estimated GHG emissions were calculated using CalEEMod for construction and operations as recommended by the SCAQMD, and temporary construction emissions were amortized over a 30-year lifetime. The CalEEMod Output sheets are provided in **Appendix B**.

As shown in **Table VII-1, Annual GHG Emissions**, the total annual operational GHG emissions[12] of the Modified Project would be 4,833.99 $MTCO_2e$. As the existing uses would be removed from the Project Site, annual operational GHG emissions for those uses, which were calculated to be 2,254.11 $MTCO_2e$ in the MND, would be subtracted from the Modified Project's emissions, resulting in a net increase in annual GHG emissions of 2,579.88 $MTCO_2e$. This would be approximately 267 $MTCO_2e$ less than the net increase in annual GHG emissions that would be generated by the Original Project .

Table VII-1
Annual GHG Emissions

Generation Source	$MTCO_2e$/year
Project Emissions	
Area Sources	8.08
Energy Utilization	1,984.13
Mobile Source	2,397.58
Solid Waste	58.47
Water	342.70
Construction (Amortized)	43.03
Total Project Operational Emissions [a]	**4,833.99**
Existing Use [b]	
Light Industry and Warehouse	2,254.11
Net Increase	**2,579.88**

Source: CalEEMod2016.3.2 Avenue 34 Mixed-Use Modified Project Output, October 15, 2019.
[a] For comparison purposes, the emissions model incorporates the same reduction benefits associated with infill development and code compliance as the previous project's analysis.
[b] Source: City of Los Angeles Department of City Planning, Initial Study Mitigated Negative Declaration Avenue 34 Project, February 13, 2017. Table III-2 (Appendix A).

[12] Including construction emissions annualized over a 30-year period.

The Modified Project would redevelop the same site with a similar mix of land uses as the Original Project, and would be required to comply with regulatory requirements regarding energy efficiency, water efficiency, and waste reduction as would the Original Project, and in fact would have to comply with an updated building code that requires additional environmental and energy efficiency measures. As such, the same design features and efficiency regulations that would reduce the carbon footprint of the Original Project for consistency with the AB 32 Scoping Plan as discussed in the MND, including infill development, transit priority area, energy conservation, solid waste reduction efforts, and water conservation, would also apply to the Modified Project. The Modified Project would redevelop an infill property with a compact multi-family residential and commercial mixed-use development in a HQTA, which would be consistent with SB 375 and SCAG's 2016-2040 RTP/SCS, and it would be required to comply with applicable mandatory measures of the LA Green Building Code. Therefore, the Modified Project would be consistent with the Scoping Plan, SB 375, SCAG's 2016-2040 RTP/SCS, and the LA Green Building Code in the same or in increased manner than the Original Project.

State Assembly Bill (AB) 32 and the Global Warming Solutions Act of 2006 established mandatory provisions and GHG reduction targets within specified time frames, including a requirement that California's GHG emissions be reduced to 1990 levels by 2020. In 2014, CARB updated its Scoping Plan, which details strategies to meet that goal. Executive Order S-3-05 aims to reduce statewide GHG emissions to 80 percent below 1990 levels by 2050. In 2015, the City released the Sustainable City plan (L.A.'s Green New Deal) with ambitious visions for cutting GHG emissions and reducing the impact of climate change with goals such as to reduce GHG emissions by at least 55 percent by 2035 from the 2008 baseline and to eliminate use of coal-fired electricity by 2025. To reduce GHG emissions from energy usage, the City's Department of Environmental Protection, Environment LA, proposed the following goals in their Green LA and Climate LA plans: increase the amount of renewable energy provided by the Los Angeles Department of Water and Power ("LADWP") to decrease dependence on fossil fuels; present a comprehensive set of green building policies to guide and support private sector development; reduce energy consumed by City facilities and utilize solar heating where applicable; and help citizens to use less energy.

State Senate Bill (SB) 97 required the CEQA Guidelines be updated to include guidance for evaluation of GHG emissions impacts. There are no locally adopted significance thresholds for GHG emissions. The SCAQMD CEQA Greenhouse Gas Significance Threshold working group recommended a tiered set of thresholds for GHG significance adopted for projects where SCAQMD is the lead agency. As there are no other locally-adopted thresholds, the recommended tiered thresholds from the SCAQMD CEQA Greenhouse Gas Significance Threshold working group are used.

The local climate action plan for the City is Green LA: An Action Plan to Lead the Nation in Fighting Global Warming ("Green LA"), adopted in May 2007. Climate LA is the implementation program for Green LA providing details of action items within Green LA. Green LA, the City of Los Angeles' climate action plan, has a goal of reducing GHG emissions to 35% below 1990 levels by 2030. To meet the Green LA goal, several smaller goals and actions associated with those goals were described in Green LA. Climate LA describes details of implementing the goals and actions. **Table VII-2, Project Consistency with Applicable Green LA Measures**, shows project consistency with applicable Green LA measures.

Table VII-2
Project Consistency with Applicable Green LA Measures

Measure	Consistency Analysis
Focus Area: Water	
Reduce per capita water consumption by 20%.	**Consistent.** The Modified Project would replace existing light industrial and warehouse buildings served by LADWP with a mixed-use development with three new structures that would be required to comply with the LA Green Building Code mandatory standards in effect at the time of permit issuance. The Los Angeles Green Building Standards Code requires incorporating low-flow plumbing fixtures and fittings to new and existing buildings, water re-use systems and recycled water to be used if available, and outdoor water use efficiency measures. As required within the Los Angeles Green Building Code, the Modified Project shall provide a 20% reduction in overall use of potable water within a building, based on the maximum allowable water use per plumbing fixture and fittings.
Focus Area: Transportation	
Promote walking and biking to work, within neighborhoods, and to large events and venues.	**Consistent.** The Modified Project is an infill development located within an urban area served with nearby public transit facilities, including bus stops in the immediate vicinity, and a light rail transit station within walking distance (approximately 0.25 miles). To promote the use of biking, the Modified Project would include required long-term and short-term bicycle parking spaces.
Focus Area: Land Use	
Promote high-density housing close to major transportation stops.	**Consistent.** The Modified Project is an infill development located within an urban area served with nearby public transit facilities, including bus stops served by Metro (Route 83) within approximately 250 feet of the site, and a Metro Gold Line light rail station within approximately 0.25 miles.

Comparison and Addendum Conclusion: The Modified Project would generate an estimated net increase in annual GHG emissions that would be approximately 267 $MTCO_2e$ less than the net increase in annual GHG emissions that would be generated by the Original Project. The Original Project and the Modified Project would be consistent with applicable regulations and plans for reduction of GHG emissions; specifically: the Scoping Plan, SB 375, SCAG's 2016-2040 RTP/SCS, and the LA Green Building Code. The Modified Project would develop a similar mix of land uses on the same property, and would be required to comply with the same regulatory measures for reducing GHG emissions that would apply to the Original Project. By redeveloping an infill property, the Modified Project would not contribute to urban sprawl, and would be consistent with Green LA, the City's climate action plan, by providing a compact residential and commercial mixed-use development within an urban area served by existing transit facilities. The Modified Project would be required to comply with current energy and water efficiency codes, and solid waste reduction measures, which reduce GHG emissions. Therefore, the Modified Project would be consistent with relevant plans and regulations adopted for the reduction of GHG emissions identified herein. Additionally, the estimated GHG emissions generated by the Modified Project would be lower than the Original Project's GHG emissions.

For the reasons discussed above, the Modified Project would result in no new significant effects and no substantial increase in the severity of previously identified significant effects as compared to the Original Project.

b. Less Than Significant Impact.

Original Project Analysis: The MND determines that based on the discussion provided in Section VII a), the Original Project of a mixed-use project with multi-family residential and commercial uses on an infill site within an area served by existing transit would be consistent with local and statewide goals and policies aimed at reducing the generation of GHGs, including CARB's AB 32 Scoping Plan aimed at achieving 1990 GHG emission levels by 2020. Therefore, it was determined that the Original Project's generation of GHG emissions would not make a project-specific or cumulatively considerable impact due its consistency with the herein identified applicable plans, policies or regulations for the purposes of reducing the emissions of GHGs and therefore, the impact would be less than significant.

Modified Project Analysis: As discussed within Section VII a), the Modified Project would develop a mixed-use project with multi-family residential and commercial uses on an infill site within an area served by existing transit. As such, the Modified Project would be consistent with local and statewide goals and policies aimed at reducing the generation of GHGs, and the impact would be less than significant.

Comparison and Addendum Conclusion: The Original Project and the Modified Project would both develop a similar mix of land uses on an infill site within an urban area served by existing transit facilities. Both would be considered to be consistent with applicable plans and regulations adopted for reducing GHG emissions, and impacts would be less than significant. Additionally, the estimated GHG emissions generated by the Modified Project would be lower than the Original Project's GHG emissions.

For the reasons discussed above, the Modified Project would result in no new significant effects and no substantial increase in the severity of previously identified significant effects as compared to the MND.

Cumulative Impacts

The GHG emissions from a mixed-use development with residential and commercial uses is relatively small in comparison to state or global GHG emissions, and consequently, such emissions in isolation would have no significant direct impact on global GHG emissions. Accordingly, the threshold of significance for GHG emissions looks to whether a project's contribution to global climate change is "cumulatively considerable." Many regulatory agencies, including the SCAQMD, concur that GHG and climate change should be evaluated as a potentially significant cumulative impact, rather a direct project impact. The MND concludes that the Original Project would not result in a significant cumulative impact on GHG emissions due to its consistency with applicable regulations, plans and policies. As stated above, the Modified Project would be consistent with the same applicable local ordinances, regulations and policies that have been adopted in furtherance of the state and City's goals of reducing GHG emissions. Thus, the Modified Project would not make a cumulatively considerable contribution to GHG emissions and cumulative impacts would be less than significant.

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
VIII. HAZARDS AND HAZARDOUS MATERIALS.				
Would the project:				
a. Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?	☐	☐	☒	☐
b. Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?	☐	☒	☐	☐
c. Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?	☐	☒	☐	☐
d. Be located on a site that is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?	☐	☐	☒	☐
e. For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard for people residing or working in the project area?	☐	☐	☐	☒
f. For a project within the vicinity of a private airstrip, would the project result in a safety hazard for the people residing or working in the area?	☐	☐	☐	☒
g. Impair implementation of, or physically interfere with an adopted emergency response plan or emergency evacuation plan?	☐	☐	☐	☒
h. Expose people or structures to a significant risk of loss, injury or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands?	☐	☐	☐	☒

Impact Analysis

A Phase I Environmental Site Assessment, ("Phase I ESA") dated April 28, 2015[13] was prepared for the Original Project to characterize the potential for hazardous materials to be located within the Project Site

[13] Orswell & Kasman. Inc., Phase I Environmental Site Assessment Update Report, Multi-Tenant Commercial Property 135, 141, & 153 West Avenue 34 and 3401 & 3433 Pasadena Avenue, Los Angeles California 90031, April 28, 2015.

or vicinity. In addition, a new Phase I Environmental Site Assessment ("Phase I ESA") dated July 19, 2019[14] was prepared for the site (**Appendix D)** to determine if there are any new or changed conditions regarding the potential for hazardous materials to exist within the site or nearby vicinity.

a. Less Than Significant Impact.

Original Project Analysis: The MND determines that construction activities would involve the use of routine materials such as vehicle fuels, oils and transmission fluids, which would be contained, stored and handled in compliance with applicable standards and regulations. It was also determined that during operations, no hazardous materials other than modest amounts of typical cleaning supplies and solvents used for housekeeping and janitorial purposes would routinely be used and transported as a result of the Original Project, and the use of these substances would comply with State Health Codes and Regulations. Therefore, the Original Project's potential to result in substantial environmental impacts regarding routine transport, use or disposal of hazardous materials was determined to be less than significant.

Modified Project Analysis: The Modified Project would result in similar construction activities as the Original Project, as it would redevelop the same property, and would require removal of existing structures, grading/excavation, and construction of multiple structures for residential and commercial uses. Therefore, construction activities would involve the use of similar materials as the Original Project, including vehicle fuels and other fluids, which would be subject to applicable standards and regulations regarding containment, storage, and use, as described in the MND. During operations, the Modified Project's residential and commercial land uses would not routinely transport, use, or dispose of hazardous materials in quantities that would create a substantial hazard to the public. Common household cleaning products, used in accordance with manufacturers' instructions would not pose a substantial hazard to the public. As such, the Modified Project's impacts regarding routine transport, use or disposal of hazardous materials would be less than significant.

Comparison and Addendum Conclusion: The Original Project and the Modified Project would both require the temporary use of common vehicle fuels, oils, and fluids during construction, and would redevelop the same site, with similar land uses, the operations of which would not require the routine transport, use, or disposal of hazardous materials in quantities that would create a substantial hazard to the public or the environment. Potential impacts for either the Original Project or the Modified Project would be similar, and would be less than significant.

For the reasons discussed above, the Modified Project would result in no new significant effects and no substantial increase in the severity of previously identified significant effects as compared to the Original Project.

b. Less Than Significant Impact With Mitigation.

Original Project Analysis: As stated in the MND, the 2015 Phase I ESA identified no areas of significant environmental concern, and no evidence of Recognized Environmental Conditions ("RECs"), Historic RECs ("HRECs") or Controlled RECs ("CRECs") were observed in connection with the property. As the on-site buildings were built prior to federal bans on Asbestos-Containing Materials ("ACMs") and Lead-Based Paints ("LBP"), ACMs and LBPs may be present on site. The MND reported that database research showed that two adjacent properties (Metro Rail line and 3505 Pasadena Avenue) are recorded as hazardous waste sites, with soil contamination of lead, polychlorinated biphenyls (PCBs), tetrachloroethane (PCE),

[14] Fulcrum Resources Environmental, Phase I Environmental Site Assessment 135, 141, & 153 West Avenue 34, and 3401, & 3433 Pasadena Avenue Los Angeles, California 90031, July 19, 2019.

and trichloroethylene (TCE). However, there was no indication from a review of regulatory records and onsite inspection that the Project Site proposed for redevelopment by the Original Project has had any problems concerning the storage, usage or disposal of hazardous materials in relation to the adjacent properties. The MND notes that the use of the Project Site would be subject to [Q] Condition A.1(e), which specifies:

> "Property owners shall satisfy any requirements from the State Department of Toxic Substances Control (DTSC) in relation to potential contamination on the subject site. Prior to the issuance of any clearances by the Department of City Planning (DCP), property owners shall provide to DCP a letter from DTSC that establishes DTSC's satisfaction that the subject site currently meets DTSC requirements for the proposed use or, alternatively, that establishes DTSC's satisfaction with the property owner's contamination testing plan for the proposed use."

Additionally, as required by [Q] Condition C.12, a complete asbestos survey must be conducted prior to the demolition activities to identify all sources of asbestos, as required by the U.S. EPA National Emission Standard for Hazardous Air Pollutants regulations and the SCAQMD's Rule 1403. The MND determines that removal of asbestos is not unusual and can be readily accomplished, as asbestos removal operations are generally low risk, and the possibility of exposure to airborne asbestos fibers from asbestos removal projects is limited when following asbestos-related regulations.

Demolition of the existing structures during construction of the Original Project could potentially expose workers to lead-based paint, which would be hazardous to the health of the construction workers. The MND determines that compliance with mandatory state and federal regulations would ensure that the potential lead-based paint on-site would be handled properly and impacts associated with the exposure to lead-based paint would be less than significant, and that a qualified lead-paint abatement consultant would be required to comply with applicable state and federal rules and regulations governing lead paint abatement.

To further ensure that impacts relating to lead-based paint would be less than significant, the MND provided Mitigation Measure MM-HAZ-1 to require a lead-based paint survey be conducted prior to the issuance of a demolition permit.

The MND concludes that with incorporation of **MM-HAZ-1** and compliance with [Q] Condition A.l(e), and mandatory state and federal regulatory compliance measures, the Original Project's potential impacts associated with the release of a hazardous material would be less than significant after mitigation.

Modified Project Analysis: A new Phase I ESA (Appendix D) determined that there is no evidence of RECs, HRECs or CRECs and no areas of significant environmental concern were observed on the Project Site. Additionally, the new Phase I ESA (Appendix D) determined that based on available information, separation distance, regulatory closure status, regulatory oversight of cleanup activities, or ongoing remediation and groundwater monitoring at off-site locations in the vicinity, there are no sites within the area that represent a Vapor Encroachment Condition (VEC) to the subject property. However, due to the age of the existing buildings on Project Site, including the demolition of all onsite buildings as compared to the Original Project that would demolish all but one onsite building, ACMs and LBPs may be present, which could pose a hazard to workers during demolition activities. The Modified Project would require demolition activities within the same existing structures, and grading and redevelopment of the same property with residential and commercial uses as the Original Project. Therefore, the potential for the Modified Project to create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment would not substantially differ from the Original Project.

The Modified Project would be required to comply with [Q] Condition A.1(e) to assure the Department of City Planning that any requirements from DTSC in relation to potential contamination on the Project Site have been satisfied. Additionally, the Modified Project would be required to comply with [Q] Condition C.12 by conducting an asbestos survey, and if ACMs are found to be present, removal of such material would be required to comply with SCAQMD's Rule 1403. Removal of asbestos is not unusual and is generally low risk. Implementation of Mitigation Measure MM-HAZ-1, as described above regarding the evaluation in the MND, would ensure that surveys for the presence of LBPs in existing structures would be conducted, and if present, removal would be in accordance with applicable OSHA regulations. Therefore, the Modified Project would have a less than significant impact with MM-HAZ-1 incorporated, and required compliance with regulatory requirements, including applicable [Q] conditions and SCAQMD Rule 1403.

Comparison and Addendum Conclusion: The Original Project and the Modified Project would both demolish the existing buildings and develop similar land uses within the same site. Therefore, the potential for the Modified Project to create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment would not substantially differ from the Original Project. With implementation of the same mitigation measure (MM-HAZ-1) and regulatory compliance, the development of either the Original Project or the Modified Project would reduce impacts to less than significant.

Therefore, the Modified Project would not result in new significant effects or a substantial increase in the severity of a significant environmental impact compared to the Original Project, as both would be less than significant with regulatory compliance and MM-HAZ-1 incorporated.

Mitigation Measure:

MM-HAZ-1 Existing Toxic/Hazardous Construction Materials:

- (Lead Paint) Prior to the issuance of any permit for demolition or alteration of the existing structure(s), a lead-based paint survey shall be performed to the written satisfaction of the Department of Building of Safety. Should lead-based paint materials be identified, standard handling and disposal practices shall be implemented pursuant to Occupational Safety and Health Administration (OSHA) regulations.

c. Less Than Significant Impact With Mitigation.

Original Project Analysis: The MND identified three Los Angeles Unified School District ("LAUSD") schools within approximately one-quarter mile from the Project Site, including Hillside Elementary School, Loreta Street Elementary, and Los Angeles Leadership Academy Charter School. The MND determines that the Original Project would have the potential to expose students and staff of the identified schools to potentially hazardous materials, substances or waste during the construction period; specifically, noise, dust, localized air quality emissions, and construction traffic/hauling. To reduce potential construction-related impacts upon the nearby school facility, a proposed haul route was identified to minimize hauling impacts on the nearest school facility. Additionally, the MND concludes that implementation of Mitigation Measures **MM-HAZ-2** and **MM-HAZ-3**, stated below, would reduce the Original Project's construction impacts related to nearby schools to less than significant with mitigation.

The MND determines that no hazardous materials other than modest amounts of typical cleaning supplies and solvents used for housekeeping and janitorial purposes would be typically associated with the operation and activities of the Original Project's land uses, and the use of these substances would comply with State Health Codes and Regulations. Therefore, it was determined that during operations, potential impacts would be less than significant.

Modified Project Analysis: As stated in the MND, three LAUSD schools are located approximately one-quarter mile from the Project Site, including Hillside Elementary School, Loreta Street Elementary, and Los Angeles Leadership Academy Charter School. During construction, the Modified Project would require the temporary use of similar equipment and materials within the Project Site, and would export a similar volume of soil as the Original Project. As such, the Modified Project's potential to result in temporary exposure of students and faculty at nearby schools to hazards during construction would not substantially differ from the Original Project, which would be reduced to less than significant with mitigation.

During operations, the Modified Project's residential and commercial land uses would not require usage of hazardous materials onsite other than modest amounts of typical cleaning supplies and solvents used for housekeeping and janitorial purposes. As such, operational impacts of the Modified Project on nearby schools regarding hazardous materials would be less than significant.

Pursuant to [Q] Condition C.22, the Modified Project would be required to implement the following Environmental Conditions during construction that address potential construction-related hazards at nearby schools:

a. The developer shall install appropriate traffic signs around the site to ensure pedestrian and vehicle safety.
b. Haul route scheduling shall be sequenced to minimize conflicts with pedestrians, school buses and cars at arrival and dismissal times of the school day. Haul route trucks shall not be routed past the school during periods when students are arriving or departing from the campus.
c. There shall be no staging or parking of construction vehicles, including vehicles to transport workers on any of the streets adjacent to any school.
d. Due to noise impacts on the schools, no construction vehicles or haul trucks shall be staged or idled on these streets during school hours.
e. Fences shall be constructed around the site to minimize trespassing, vandalism, short-cut attractions and attractive nuisances.
f. The developer and contractors shall maintain ongoing contact with the administrator of Hillside Elementary School, Loreto Street Elementary School and Nightingale Middle School. The administrative offices shall be contacted when demolition, grading and construction activity begin on the project site so that students and their parents will know when such activities are to occur. The developer shall obtain school walk and bus routes to the schools from either the administrators or from the LAUSD's Transportation Branch (323) 342-1400 and guarantee that safe and convenient pedestrian and bus routes to the school be maintained.

The Regulatory Compliance Measures provided by [Q] Condition C.22 are very similar to the Mitigation Measures MM-HAZ-2 and MM-HAZ-3 stated below, which the MND determines would reduce potential construction-related impacts at nearby schools to less than significant. As such, implementation of the applicable [Q] Condition C.22 Regulatory Compliance Measures, as well as implementation of MM-HAZ-2 and MM-HAZ-3 as stated below would reduce potential construction-related environmental impacts on nearby schools to less than significant.

Comparison and Addendum Conclusion: The Original Project and the Modified Project would both redevelop the same site, which is near LAUSD schools, by removing light industrial and warehouse uses, and constructing a mixed-use development of residential and commercial uses. Both the Modified Project and the Original Project would be required to implement the Regulatory Compliance Measures in [Q] Condition C.22 to address potential construction impacts at nearby schools. Additionally, implementation

of MM-HAZ-2 and MM-HAZ-3 as stated below would reduce potential construction-related environmental impacts of either the Modified Project or the Original Project on nearby schools to less than significant.

For the above reasons, the Modified Project would not result in new significant effects or a substantial increase in the severity of a significant environmental impact compared to the Original Project, as both would be less than significant with regulatory compliance and implementation of MM-HAZ-2 and MM-HAZ-3.

Mitigation Measure:

MM-HAZ-2 Construction Activity Near Schools:

- The Applicant and contractors shall maintain ongoing contact with the administrators of Hillside Elementary School, Loreta Street Elementary School, and Los Angeles Leadership Academy Charter School. The administrative offices shall be contacted when demolition, grading and construction activity begin on the project site so that students and their parents will know when such activities are to occur. The developer shall obtain school walk and bus routes to the schools from either the administrators or from the Los Angeles Unified School District (LAUSD) Transportation Branch (323) 342-1400 and guarantee that safe and convenient pedestrian and bus routes to the school be maintained.
- The Applicant shall install appropriate traffic signs around the site to ensure pedestrian and vehicle safety.
- There shall be no staging or parking of construction vehicles, including vehicles to transport workers on Pasadena Avenue, adjacent to the school.
- Due to noise impacts on the schools, no construction vehicles or haul trucks shall be staged or idled on Pasadena Avenue, adjacent to the school, during school hours.

MM-HAZ-3 Schools Affected by Haul Route:

- Haul route scheduling shall be sequenced to minimize conflicts with pedestrians, school buses and cars at the arrival and dismissal times of the school day. Haul route trucks shall not be routed past the school during periods when school is in session especially when students are arriving or departing from the campus.

d. Less Than Significant Impact.

Original Project Analysis: Government Code Section 65962.5 (a) requires the DTSC to compile and update a list of hazardous waste facilities or property, contaminated drinking water wells, leaking underground storage tanks (LUST), solid waste disposal facilities from which hazardous wastes are migrating, cease and desist orders or cleanup and abatement orders for hazardous materials. According to the MND, the Project Site was listed on the Resource Conservation and Recovery Act Hazardous Waste Generator with no reported violations. Although database records indicate that hazardous sites are located in the vicinity of the Project Site, the Phase I ESA determined that it is unlikely that any contaminants from these sites would have a significant impact on the Project Site, and there is no evidence of RECs in connection with the Project Site. The MND determines that compliance with mandatory state and federal regulatory compliance measures would ensure the Original Project's potential impacts associated with the release of a hazardous material would be less than significant.

Modified Project Analysis: A search of the California Environmental Protection Agency's (CalEPA's) Cortese List Data Resources databases[15] showed that the Project Site is not included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5. As stated in the MND, database records indicate that hazardous sites are located in the vicinity of the Project Site. However, the Phase I ESA determined that it is unlikely that any contaminants from these sites would have a significant impact on the Project Site, and there is no evidence of RECs, HRECs, or CRECs in connection with the Project Site, and therefore, the potential impacts of the Modified Project are less than significant.

Comparison and Addendum Conclusion: The Original Project and the Modified Project would both develop similar land uses within the same site. The Project Site is not included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5, and it was determined unlikely that contaminants from nearby sites with hazardous materials would significantly impact the Modified Project. As such, impacts pertaining to hazardous material site listings for either the Modified Project or the Original Project would be less than significant, and the Modified Project would not result in new significant effects or a substantial increase in the severity of a significant environmental impact compared to the Original Project, as both would be less than significant.

e. No Impact.

Original Project Analysis: The Project Site is not located within two miles of a public airport or in an airport hazard area. Therefore, the Original Project would not result in a safety hazard to people working or residing within the project area regarding aircraft operations in the vicinity, and no impact would occur.

Modified Project Analysis: As the Project Site is not located within two miles of a public airport or in an airport hazard area, the Modified Project would not result in a safety hazard to people working or residing within the project area regarding aircraft operations in the vicinity, and no impact would occur.

Comparison and Addendum Conclusion: The Project Site that would be redeveloped by either the Original Project or the Modified Project is not located within two miles of a public airport or in an airport hazard area. As such, no impact on the environment pertaining to airport hazard areas would result from either the Original Project or the Modified Project.

For these reasons, the Modified Project would not result in new significant effects or a substantial increase in the severity of a significant environmental impact compared to the Original Project.

f. No Impact.

Original Project Analysis: The Project Site is not located within the vicinity of a private airstrip. Therefore, the Original Project would not result in a safety hazard to people working or residing within the project area regarding private airstrip operations in the vicinity, and no impact would occur.

Modified Project Analysis: The Project Site is not located within the vicinity of a private airstrip. Therefore, the Modified Project would not result in a safety hazard to people working or residing within the project area regarding private airstrip operations in the vicinity, and no impact would occur.

Comparison and Addendum Conclusion: The Original Project and the Modified Project would develop similar land uses within the same site, which is not located within the vicinity of a private airstrip. There

[15] California Environmental Protection Agency, Cortese List Data Resources, Accessed on October 2, 2019 at: https://calepa.ca.gov/sitecleanup/corteselist/.

would be no impact on the environment pertaining to private airstrip hazard areas for either the Original Project or the Modified Project.

For these reasons, the Modified Project would not result in new significant effects or a substantial increase in the severity of a significant environmental impact compared to the Original Project.

g. No Impact.

Original Project Analysis: The MND stated that the Project Site is not located within an identified disaster route or an adopted emergency response or evacuation plan. Therefore, the Original Project would not impair implementation of an emergency plan and no impact would occur.

Modified Project Analysis: As the Project Site is not located within an identified disaster route or an adopted emergency response or evacuation plan, the Modified Project would not impair implementation of an emergency plan and no impact would occur.

Comparison and Addendum Conclusion: The Original Project and the Modified Project would develop similar land uses within the same site, which is not located within an identified disaster route or an adopted emergency response or evacuation plan. As such, there would be no impact associated with impairment or interference with an adopted emergency response plan or emergency evacuation plan emergency plans for either the Original Project or the Modified Project.

For these reasons, the Modified Project would not result in new significant effects or a substantial increase in the severity of a significant environmental impact compared to the Original Project.

h. No Impact.

Original Project Analysis: The Project Site is located in a highly urbanized area of the City and is not within a Very High Fire Hazard Severity Zone ("VHFHSZ"). Therefore, the Original Project would not expose people or structures to wildland fires and no impact would occur.

Modified Project Analysis: As the Project Site is located in a highly urbanized area of the City and is not within a VHFHSZ, the Modified Project would not expose people or structure to wildland fires and no impact would occur.

Comparison and Addendum Conclusion: The Original Project and the Modified Project would develop similar land uses within the same site, which is in a highly urbanized area that is not located in a VHFHSZ. As such, development of either the Original Project or the Modified Project would not expose people or structures to wildland fires and no impact would occur.

For these reasons, the Modified Project would not result in new significant effects or a substantial increase in the severity of a significant environmental impact compared to the Original Project.

Cumulative Impacts

As stated in the MND, development of the Original Project would not result in a cumulative environmental impact with respect to hazards and hazardous materials in conjunction with the identified related projects. As the Modified Project proposes a similar mixed-use development on the same urban infill property, would comply with the above-identified regulatory compliance and mitigation measures, and would not result in

a greater impact regarding hazards and hazardous materials as set forth above, the Modified Project would similarly not result in a significant cumulative impact regarding hazards and hazardous materials.

IX. HYDROLOGY AND WATER QUALITY.	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
a. Violate any water quality standards or waste discharge requirements?	☐	☐	☒	☐
b. Substantially deplete groundwater supplies or interfere with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level (e.g., the production rate of pre-existing nearby wells would drop to a level which would not support existing land uses or planned land uses for which permits have been granted)?	☐	☐	☒	☐
c. Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, in a manner which would result in substantial erosion or siltation on- or off-site?	☐	☐	☒	☐
d. Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner, which would result in flooding on- or off site?	☐	☐	☒	☐
e. Create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff?	☐	☐	☒	☐
f. Otherwise substantially degrade water quality?	☐	☐	☐	☒
g. Place housing within a 100-year flood plain as mapped on federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map?	☐	☐	☐	☒
h. Place within a 100-year flood plain structures, which would impede or redirect flood flows?	☐	☐	☐	☒
i. Expose people or structures to a significant risk of loss, inquiry or death involving flooding, including flooding as a result of the failure of a levee or dam?	☐	☐	☒	☐
j. Inundation by seiche, tsunami, or mudflow?	☐	☐	☐	☒

Impact Analysis

a. Less Than Significant Impact.

Original Project Analysis:

Construction

The Original Project was determined to have potential short-term, construction-related stormwater pollution from three sources including:

1) the handling, storage, and disposal of construction materials containing pollutants;
2) the maintenance and operation of construction equipment; and
3) earth moving activities which, when not controlled, may generate soil erosion via storm runoff or mechanical equipment.

The MND established that prior to the issuance of a grading permit, redevelopment of the Project Site would be required to meet the following regulatory requirements associated with construction-related stormwater runoff:

- Obtain coverage under the State Water Resources Control Board NPDES Construction General Permit.
- Provide the Waste Discharge Identification Number to the City to demonstrate proof of coverage under the Construction General Permit.
- Create a SWPPP that identifies BMPs to be implemented to ensure potential for soil erosion and sedimentation is minimized.

Additionally, the Original Project would be subject to the City of Los Angeles Ordinance No. 173,494, which further sets procedures for stormwater pollution control for the planning and construction of development and redevelopment projects.

As such, it was determined by implementation of the code-required SWPPP and compliance with Ordinance No. 173,494 that construction of the Original Project would not violate any water quality standards or discharge requirements and impacts would be less than significant.

Operations

The MND notes that under existing conditions, the Project Site is nearly 100 percent impervious, thus nearly all stormwater within the Project Site is directed to storm drains, primarily via Avenue 34. According to the MND, the Original Project would also maintain impervious surfaces on nearly 100 percent of the Project Site as well, but would not be expected to increase surface water runoff compared to existing conditions, as it would be required to comply with low impact development ("LID") requirements.

The MND identified the following regulatory requirements regarding stormwater management for redevelopment projects:

- Order No. R4-2012-0175 the NPDES Stormwater Permit for the County of Los Angeles and cities within (NPDES No. CAS004001)
- City of Los Angeles Stormwater and Urban Runoff Pollution Control Ordinance (Ordinance No. 172,176, effectuated October 1998)
- LAMC Sections 64.70 through 64.70.13

- LAMC Article 4.4, Stormwater and Urban Runoff Pollution Control
- LID Ordinance (Ordinance No. 181,899)
- Ordinance No. 183,833

To comply with applicable requirements, the Original Project would be required to prepare a LID Plan and demonstrate compliance with the LID requirements and standards and retain or treat the first 3/4-inch of rainfall in a 24-hour period or the rainfall from an 85th percentile 24-hour runoff event, whichever is greater.[16]

Additionally, redevelopment of the Project Site would be required to comply with [Q] Conditions C.13 through C.17 as applicable, which specify stormwater management requirements for various types of land uses including those that the Original Project would be anticipated to develop within the Project Site. It was determined that compliance with the applicable [Q] Conditions Regulatory Compliance Measures for stormwater management would ensure the Original Project operations would not violate any water quality standards or discharge requirements, and impacts would be less than significant.

Modified Project Analysis: The Modified Project would redevelop the Project Site by removing the existing structures and parking areas that cover nearly one hundred percent of the Project Site with impervious surfaces, and constructing a mixed-use development with residential and commercial uses that would include impervious surfaces on much of the Project Site.

Construction

During construction, the Modified Project would be required to comply with all applicable regulations for managing stormwater runoff from construction site, including requirements to obtain coverage under the latest NPDES Construction General Permit and prepare a SWPPP that specifies BMPs to be installed and maintained during construction.

Operations

The Modified Project would be designed and operated in accordance with applicable LID requirements, as well as [Q] Condition C.13 through C.17 that provide stormwater management measures for the planned uses that would be incorporated.

Therefore, by compliance with applicable regulations and standards, the Modified Project's potential to violate any water quality standards or waste discharge requirements would be less than significant.

Comparison and Addendum Conclusion: The Original Project and the Modified Project would be located on the same site, which is entirely developed with nearly 100 percent coverage by impervious surfaces. Both would redevelop the Project Site with a mixed-use development of residential and commercial uses that maintain impervious surfaces on a substantial portion of the Project Site. Both the Original Project and the Modified Project would be subject to all applicable regulations and standards during construction, including requirements to obtain coverage under the NPDES Construction General Permit, prepare a SWPPP, and implement relevant BMPs. Redevelopment of the Project Site with either the Original Project or the Modified Project would also be required to adhere to applicable LID requirements for management of stormwater during operations, as well as comply with all applicable [Q] Condition requirements for the Project Site. As such, impacts pertaining to violation of water quality standards or waste discharge

[16] City of Los Angeles, Planning and Land Development Handbook for Low Impact Development (LID), Part B Planning Activities, 5th Edition, May 9, 2016.

requirements for either would be less than significant, and the Modified Project would not result in new significant effects or a substantial increase in the severity of a significant environmental impact compared to the Original Project, as both would be less than significant.

b. Less Than Significant Impact.

Original Project Analysis: The Original Project's analysis established that the depth of groundwater in the Project Site's vicinity has fluctuated between 25 and 53 feet below existing ground surface. In addition, the Original Project's Geotechnical Investigation encountered groundwater at a depth of 40.75 feet below the surface and concluded that excavation to allow for one level of subterranean parking would not be expected to encounter groundwater.

During operations, the Original Project would continue to be supplied with potable water by the LADWP. As the existing uses on the Project Site include coverage of nearly one hundred percent of the Project Site with impervious surfaces, stormwater runoff from the Project Site is primarily directed to existing storm drains, and onsite percolation of stormwater to groundwater table would be minimal.

The Previously MND identified a regulatory compliance measure (reproduced below) that would apply in the unlikely event that construction activities of the Original Project encountered groundwater. It was concluded that required compliance with all waste discharge requirements for discharge of groundwater, as outlined in Order No. R4-2008-0032, NPDES No. CAG994004 and all applicable regulatory compliance measures concerning dewatering of a construction site would reduce potential impacts regarding groundwater to less than significant.

> **(Dewatering)**: If required, any dewatering activities during construction shall comply with the requirements of the Waste Discharge Requirements for Discharges of Groundwater from Construction and Project Dewatering to Surface Waters in Coastal Watersheds of Los Angeles and Ventura Counties (Order No. R4-2008-0032, National Pollutant Discharge Elimination System No. CAG994004) or subsequent permit. This will include submission of a Notice of Intent for coverage under the permit to the Los Angeles Regional Water Quality Control Board at least 45 days prior to the start of dewatering and compliance with all applicable provisions in the permit, including water sampling, analysis, and reporting of dewatering-related discharges.

Modified Project Analysis: The Modified Project would be served by LADWP during operations, as are the existing uses on the Project Site, and does not propose any onsite groundwater production well(s) to supply the proposed land uses. As the Project Site is currently developed with impervious surfaces over nearly 100 percent of the Project Site, the Modified Project would not result in a reduction of onsite percolation of stormwater into the groundwater table.

During construction of the Modified Project, soil excavation for the two-level subterranean parking garage would extend to approximately 20 feet below the lowest point of the existing grade onsite, which would not be expected to encounter groundwater that was determined to be approximately 40.75 feet below the surface by the previous Geotechnical Investigation. In the unlikely event that construction activities encountered groundwater that must be removed, the Modified Project would be required to comply with applicable discharge requirements for dewatering a construction site, as would redevelopment of any use on the Project Site. Therefore, the proposed Modified Project would have a less than significant impact regarding groundwater.

Comparison and Addendum Conclusion: The Original Project and the Modified Project would be redevelop the same site, removing existing uses with approximately 100 percent of the Project Site covered by impervious surfaces, and construct mixed-use developments with residential and commercial uses that would be served by LADWP water supplies, as is the existing uses. Therefore, operation of either the Original Project or the Modified Project would not substantially affect groundwater levels beneath the Project Site or reduce onsite percolation of stormwater into the groundwater table compared to existing conditions.

During construction, excavation for subterranean parking garages would not be expected to encounter groundwater, as the existing groundwater level was determined to be more than 40 feet below the ground surface, which is considerably farther than the maximum depth of excavation that a two-level subterranean parking garage would require. The regulatory compliance measure identified by the MND concerning waste discharge requirements for construction dewatering, would also apply to the Modified Project in the unlikely event that groundwater were encountered during construction, and any potential groundwater impacts would be less than significant, as would the Original Project. As such, the Modified Project would not result in new significant effects or a substantial increase in the severity of a significant environmental impact compared to the Original Project, as both would be less than significant.

c. Less Than Significant Impact.

Original Project Analysis: The evaluation of the Original Project established that the Project Site does not include any streams or river courses, and is currently developed with existing uses that include coverage of nearly 100 percent of the Project Site with impervious surfaces that convey stormwater runoff to various points along Avenue 34. Although the Original Project would maintain Project Site's nearly one hundred percent imperviousness, it would be required to comply with the LID Ordinance, which would reduce the amount of runoff leaving the Project Site as compared to existing conditions. It was concluded that the Original Project would not increase Project Site runoff or result in changes to the local drainage patterns and impacts would be less than significant.

Modified Project Analysis: The Modified Project would redevelop the Project Site, which does not contain streams or river courses, and is located in an urbanized area within the City, and is currently developed with existing uses that include coverage of nearly 100 percent of the Project Site with impervious surfaces that convey stormwater runoff to various points along Avenue 34. The Modified Project would remove the existing uses, and construct a mixed-use development with residential and commercial uses. Although the Modified Project would also develop impervious surfaces on the Project Site, it would be required to comply with the LID Ordinance, which would reduce the amount of runoff leaving the Project Site as compared to existing conditions. As the Modified Project would not alter the course of a stream or river, and would not increase runoff, it would not substantially alter drainage patterns that could result in substantial erosion or siltation on- or off-site, and impacts would be less than significant.

Comparison and Addendum Conclusion: Both the Original Project and the Modified Project would remove existing land uses and associated impervious surfaces, and construct mixed-use developments that would be subject to all applicable LID requirements. Therefore, implementation of either the Original Project or the Modified Project would not increase runoff compared to existing conditions, or substantially alter drainage patterns, and potential erosion or siltation impacts for either would be less than significant. As such, the Modified Project would not result in new significant effects or a substantial increase in the severity of a significant environmental impact compared to the Original Project.

d. Less Than Significant Impact.

Original Project Analysis: It was determined that the Original Project would not result in a significant increase in site runoff, or any changes in the local drainage patterns that could result in flooding on-or off-site, and would comply with the LID Ordinance. As such, the MND concludes that impacts would be less than significant.

Modified Project Analysis: The Modified Project would redevelop the Project Site, which is currently developed with nearly one hundred percent impervious areas that contribute stormwater runoff to the existing storm drain system. The Modified Project would remove the existing uses, and construct a mixed-use development with residential and commercial uses. Although the Modified Project would also develop impervious surfaces on the Project Site, it would be required to comply with the LID Ordinance, which would reduce the amount of runoff leaving the Project Site as compared to existing conditions. As the Modified Project would not alter the course of a stream or river, and would not increase runoff, it would not substantially alter drainage patterns that could result in substantial flooding on- or off-site, and impacts would be less than significant.

Comparison and Addendum Conclusion: Both the Original Project and the Modified Project would remove existing land uses and associated impervious surfaces, and construct mixed-use developments that would be subject to all applicable LID requirements. Therefore, implementation of either the Original Project or the Modified Project would not increase runoff compared to existing conditions, or substantially alter drainage patterns, and potential flooding impacts for either would be less than significant. As such, the Modified Project would not result in new significant effects or a substantial increase in the severity of a significant environmental impact compared to the Original Project.

e. Less Than Significant Impact.

Original Project Analysis: As established in the MND analysis, the Project Site is currently fully developed with nearly 100 percent impervious surfaces, and runoff primarily discharges from the Project Site at various points onto Avenue 34. Although redevelopment on the Project Site would not result in an increase in impervious surfaces compared to existing conditions, the MND reported that pursuant to local practice and City policy, stormwater retention will be required as part of the LID Ordinance / Standard Urban Stormwater Mitigation Plan ("SUSMP") implementation features.

It was concluded that the Original Project would not create or contribute runoff water that would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff. Further, as stated in the MND, the Original Project would be required to comply with LAMC Section 64.70, Stormwater Runoff and Urban Pollution Control, and all applicable laws and regulations pertaining to stormwater runoff and water quality. Accordingly, any potential impacts would be less than significant.

Modified Project Analysis: The Modified Project would remove the existing land uses within the Project Site, which includes nearly 100 percent coverage by impervious surfaces, including light industrial uses, and warehouses, as well as parking lots and loading docks. The Modified Project would not increase the percentage of impervious surfaces on the Project Site, and would comply with applicable stormwater management regulations, including the LID Ordinance. Additionally, the Modified Project would be required to implement the applicable regulatory compliance measures set forth in [Q] Condition C.13 through C.17, which provide stormwater management measures for the planned uses that would be incorporated. As such, the Modified Project would not result in an increase in stormwater runoff volume

from the Project Site, and would not exceed capacity of existing or planned stormwater drainage systems, or provide substantial sources of polluted runoff.

Comparison and Addendum Conclusion: The Original Project and the Modified Project would be located on the same site, and would remove light industrial and warehouse uses that cover the Project Site with nearly one hundred percent impervious areas that generate surface water runoff directed to adjacent storm drains. The Original Project and the Modified Project would both be subject to all applicable stormwater management regulations, including the LID Ordinance, as well as the applicable [Q] Condition C.13 through C.17. As such, the potential for either the Original Project or the Modified Project to exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff would be less than significant.

For these reasons, the Modified Project would not result in new significant effects or a substantial increase in the severity of a significant environmental impact compared to the Original Project.

f. No Impact.

Original Project Analysis: According to the analysis of the MND, the Original Project would not include potential sources of contaminants that could potentially degrade water quality and would comply with all federal, state, and local regulations governing stormwater discharge. Therefore, it was concluded that the Original Project would have no impact regarding the potential to otherwise substantially degrade water quality.

Modified Project Analysis: The Modified Project would remove existing light industrial and warehouse uses, and associated parking and loading dock facilities from the Project Site, and replace those with residential and commercial uses that would be required to comply with all federal, state, and local regulations governing stormwater discharge, including the LID Ordinance as well as the applicable [Q] Condition C.13 through C.17. Therefore, the proposed Modified Project would have no impact and would not result in new significant effects.

Comparison and Addendum Conclusion: The Original Project and the Modified Project would redevelop the same site, and both would also remove the existing land uses and associated impervious surfaces that cover nearly 100 percent of the Project Site, which currently discharges stormwater runoff primarily at various locations along Avenue 34. The replacement of existing light industrial and warehouse uses with a mixed-use development of residential and commercial uses, which would comply with applicable stormwater management regulations, would not otherwise substantially degrade water quality. As the Original Project and the Modified Project would redevelop the Project Site with a similar mix of residential and commercial uses, both would have no impact regarding this issue.

For these reasons, the Modified Project would not result in new significant effects or a substantial increase in the severity of a previously identified significant environmental effect compared to the Original Project.

g. No Impact.

Original Project Analysis: As stated in the MND, the Project Site is not located in a 100-year flood hazard area, as it is located in an area designated by the Federal Emergency Management Agency ("FEMA") as Zone X, which signifies that the area is outside the 0.2 percent chance floodplain. Therefore, redevelopment of the Project Site with the Original Project would not place housing within a 100-year flood hazard area and no impact would occur.

Modified Project Analysis: The Project Site is located in an area designated by FEMA as Zone X, which signifies that the area is not located in a 100-year flood hazard area. Therefore, the Modified Project would not place housing within a 100-year flood hazard area and no impact would occur.

Comparison and Addendum Conclusion: The Original Project and the Modified Project would redevelop a property that is not located in a 100-year flood hazard area, and would have no impact regarding placement of housing in a flood hazard area. As such, the Modified Project would not result in new significant effects or a substantial increase in the severity of a significant environmental impact compared to the Original Project, as both would have no impact.

h. No Impact.

Original Project Analysis: AMND, the Project Site is not located in a 100-year flood hazard area, as it is located in an area designated by FEMA as Zone X, which signifies that the area is outside the 0.2 percent chance floodplain. Therefore, redevelopment of the Project Site with the Original Project would not impede or redirect floodwater flows, and no impact would occur.

Modified Project Analysis: As the Project Site is not located within a 100-year flood hazard area, the Modified Project would not impede or redirect floodwater flows and no impact would occur.

Comparison and Addendum Conclusion: As the Project Site is not located in a 100-year flood hazard area, redevelopment of the Project Site with either the Original Project or the Modified Project would have no impact associated with impeding or redirecting floodwater flows. As such, the Modified Project would not result in new significant effects or a substantial increase in the severity of a significant environmental impact compared to the Original Project, as both would have no impact.

i. Less Than Significant Impact.

Original Project Analysis: As stated in the MND, the Project Site is located within a potential inundation area associated with a potential failure of the Devil's Gate Dam. However, the MND determines that dams in California are continually monitored by various governmental agencies (such as the State of California Division of Safety of Dams and the U.S. Army Corps of Engineers) to guard against the threat of dam failure. Current design and construction practices as well as ongoing review and modification to existing dams are intended to ensure all existing dams are capable of withstanding the maximum considered earthquake. Therefore, the concluded that the potential for inundation of the Project Site as a result of dam failure is considered low and impacts would be less than significant.

Modified Project Analysis: The Modified Project would redevelop the Project Site, which is located within a potential inundation area associated with a potential failure of the Devil's Gate Dam, as are existing adjacent and nearby developments, which include residential and commercial uses, and railway and freeway infrastructure. As dams in California are subject to monitoring and ongoing review to ensure the capability to withstand earthquakes, the potential for inundation of the Project Site as a result of dam failure is considered low. The Project Site is not within close proximity to the existing Devil's Gate Dam, and therefore, development of the Modified Project would not exacerbate the potential for failure of the dam. As such, the potential for the Modified Project to substantially increase the risk of dam failure that could cause injury or death would be less than significant.

Comparison and Addendum Conclusion: The Project Site would be redeveloped by removal of existing urban uses and construction of residential and commercial uses under either the Original Project or the Modified Project. Neither of these development options would result in increased risk of dam failure that

could cause death or injury. All dams in California are subject to ongoing monitoring and maintenance to reduce potential risk of failure, and therefore, the potential impact associated with a risk of inundation by dam failure would be less than significant. As such, the Modified Project would not result in new significant effects or a substantial increase in the severity of a significant environmental impact compared to the Original Project, as both would be less than significant.

j. No Impact.

Original Project Analysis: The Project Site is not located within a coastal area, and therefore tsunamis are not considered a significant hazard. No major water-retaining structures are located immediately up gradient from the Original Project, and the potential for flooding from seismically-induced seiche is considered low. According to the previous Geotechnical Investigation, the Project Site is not within an area identified as having potential for seismic slope instability and therefore the occurrence of mudflows on site is considered low. As the Previously Approved Project Site is not subject to slope instability, tsunamis and seiche, no impact would occur.

Modified Project Analysis: As stated in the MND, the Project Site is not located in an area susceptible to inundation by seiche, tsunami or mudflow. As the Modified Project Site is not subject to slope instability, tsunamis and seiche, no impact would occur.

Comparison and Addendum Conclusion: As neither the Original Project nor the Modified Project would be located in an area susceptible to inundation by seiche, tsunami or mudflow, there would be no impact with development of either option. As such, the Modified Project would not result in new significant effects or a substantial increase in the severity of a significant environmental impact compared to the Original Project, as both would have no impact.

Cumulative Impacts

As stated in the MND, development of the Original Project would not result in a significant cumulative environmental impact with respect to hydrology and water quality in conjunction with the identified related projects. As the Modified Project proposes a similar mixed-use development on the same urban infill property, would comply with the various regulatory compliance measures discussed above, and would not result in a greater impact regarding hydrology and water quality, as set forth in the above analysis, the Modified Project would similarly not result in a significant cumulative impact regarding hydrology and water quality.

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
X. LAND USE AND PLANNING.				
Would the project:				
a. Physically divide an established community?	☐	☐	☐	☒
b. Conflict with applicable land use plan, policy or regulation of an agency with jurisdiction over the project (including but not limited to the general plan, specific plan, coastal program, or zoning ordinance) adopted for the purpose of avoiding or mitigating an environmental effect?	☐	☐	☒	☐
c. Conflict with any applicable habitat conservation plan or natural community conservation plan?	☐	☐	☐	☒

Impact Analysis

a. No Impact.

Original Project Analysis: The Project Site is located in an urbanized area within the Northeast Los Angeles community and no separations of uses or disruption of access between land use types would occur as a result of the Original Project. Further, the Original Project would incorporate pedestrian scale commercial and creative office uses along Pasadena Avenue, which promotes pedestrian activity and a community environment compared to the existing fenced-off industrial and warehouse uses. As such, the Original Project would not disrupt or divide the physical arrangement of the established community and would have no impact.

Modified Project Analysis: The Modified Project would redevelop an infill site within an urban area, by replacing existing light industrial and warehouse uses with a mixed-use development of residential and commercial uses. The Modified Project would incorporate multi-family residential housing and commercial uses along Pasadena Avenue, which promotes pedestrian activity and a community environment compared to the existing fenced-off industrial and warehouse uses. As such, the Modified Project would not disrupt or divide the physical arrangement of the established community, and would have no impact.

Comparison and Addendum Conclusion: The Original Project and the Modified Project would both have no impact associated with the potential to physically divide an established community. As such, the Modified Project would not result in new significant effects or a substantial increase in the severity of a significant environmental impact compared to the Original Project, as both would have no impact.

b. Less Than Significant Impact.

Original Project Analysis: The Original Project would develop multi-family residential units and commercial space and would be consistent with the [T][Q]CM-2D zoning designation. As stated in the MND, the Original Project would be consistent with the goals, objectives, and policies set forth by applicable regional plans including the SCAQMD Air Quality Management Plan, the SCAG Regional Comprehensive Plan, and local plans and policies including the City of Los Angeles General Plan, the

LAMC, East Los Angeles State Enterprise Zone, Adaptive Reuse Incentive Area, Transit Priority Area, Cornfield Arroyo Specific Plan, and the Northeast Los Angeles Community Plan. The Original Project would have a less than significant impact as the project would not conflict with an applicable land use plan or policy.

Modified Project Analysis: The Modified Project would redevelop the Project Site with a mixed-use development consistent with the zoning and land use designation for the Project Site. The applicable zoning indicates that the Project Site is subject to Ordinance 179,280, the stated intent of which is to promote mixed-use development in close proximity to a transit station. The Modified Project would be consistent with the applicable zoning and would conform with the intent of Ordinance 179,280, as well as the goals, objectives and policies set forth in all applicable regional and local plans. As such, the Modified Project's impacts regarding applicable land use plans or policies are less than significant.

Comparison and Addendum Conclusion: The Original Project and the Modified Project would both develop similar land uses as mixed-use developments on the Project Site, which would both be consistent with the applicable land use plans, policies, regulations, and zoning for the Project Site, with only minor differences in the number of residential units and commercial space to be provided that are consistent with General Plan and zoning requirements and policies and the additional regional and local plans identified herein. As such, the potential for either to result in environmental impacts due to inconsistency with an applicable plan or policy would be less than significant. As such, the Modified Project would not result in new significant effects or a substantial increase in the severity of a significant environmental impact compared to the Original Project, as both would be less than significant.

c. No Impact.

Original Project Analysis: The Project Site is located in a highly urbanized area and is currently developed with urban land uses, including light industrial and warehouse uses. The Project Site is not subject to a habitat conservation plan or natural community conservation plan. No impact would occur.

Modified Project Analysis: The Project Site is located in a highly urbanized area and is currently developed with urban land uses, including light industrial and warehouse uses. The Project Site is not subject to a habitat conservation plan or natural community conservation plan. No impact would occur.

Comparison and Addendum Conclusion: No impact associated with a habitat conservation plan or natural community conservation plan would occur with development of the Project Site under either the Original Project or the Modified Project. Therefore, the Modified Project would not result in new significant effects or a substantial increase in the severity of a significant environmental impact compared to the Original Project, as both would have no impact.

Cumulative Impacts

As stated in the MND, development of the Original Project would not result in a significant cumulative environmental impact with respect to land use and planning in conjunction with the identified related projects. As the Modified Project proposes a similar mixed-use development on the same urban infill property, would comply with the applicable land use plans, policies or regulations, and would not result in a greater impact regarding land use and planning, as set forth in the above analysis, the Modified Project would similarly not result in a significant cumulative impact regarding land use and planning.

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
XI. MINERAL RESOURCES.				
Would the project:				
a. Would the project result in the loss of availability of a known mineral resource that would be of future value to the region and the residents of the State?	☐	☐	☐	☒
b. Would the project result in the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan, or other land use plan?	☐	☐	☐	☒

Impact Analysis

a-b. No Impact.

Original Project Analysis: The Previously Approved Project Site is located within a developed area within the City and the MND concludes that it was not located within the Los Angeles Downtown Oil Field and Oil Drilling/Surface Mining Supplemental Use District or an Oil Field/Drilling Area. The MND stated that the Project Site is not currently used for the extraction of mineral resources, and there is no evidence to suggest the Project Site has been historically used for the extraction of mineral resources. Development of the Project Site would not block or hinder access or availability of mineral resources. As such, the Original Project would have no impact on mineral resources.

Modified Project Analysis As the Project Site was determined to not be located within oil field/drilling areas, has not been historically used for the extraction of mineral resources, and has been previously developed with industrial and commercial uses for decades, the potential for the Modified Project to result in a substantial loss of availability of known important mineral resources would be less than significant. Therefore, the Modified Project would have no impact regarding the availability of mineral resources.

Comparison and Addendum Conclusion: The Project Site is not located within oil field/drilling areas and there is no evidence to suggest that the Project Site has been historically used for the extraction of mineral resources. Development of the Original Project or the Modified Project would have no impacts regarding the availability of a significant mineral resource. As such, the Modified Project would not result in new significant effects or a substantial increase in the severity of a significant environmental impact compared to the Original Project, as both would be less than significant.

Cumulative Impacts

As stated in the MND, development of the Original Project would not result in a significant cumulative environmental impact with respect to mineral resources in conjunction with the identified related projects. As the Modified Project proposes a similar mixed-use development on the same urban infill property, and would not result in a greater impact regarding mineral resources, as set forth in the above analysis, the Modified Project would similarly not result in a significant cumulative impact regarding mineral resources.

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
XII. NOISE.				
Would the project result in:				
a. Exposure of persons to or generation of noise in level in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?	☐	☒	☐	☐
b. Exposure of people to or generation of excessive groundborne vibration or groundborne noise levels?	☐	☐	☒	☐
c. A substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project?	☐	☐	☒	☐
d. A substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project?	☐	☒	☐	☐
e. For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?	☐	☐	☐	☒
f. For a project within the vicinity of a private airstrip, would the project expose people residing or working in the project area to excessive noise levels?	☐	☐	☐	☒

Impact Analysis

a. Less Than Significant Impact With Mitigation.

Original Project Analysis: The MND identified several noise sensitive land uses located adjacent to and in the vicinity of the Project Site, including the following:

(1) Single- and multi-family residences along Avenue 34, located south of the Project Site;
(2) Single- and multi-family residences along Pasadena Avenue, located east of the Project Site; and
(3) Hillside Elementary School, located at 120 E. Avenue 35, east of the Project Site.

The ambient noise in the vicinity of the Project Site was measured at three points within the Project Site, and was found to range from 59.0 to 67.8 Leq,[17] with a maximum noise reported to be 83.4 decibels ("dB") along Pasadena Avenue.[18]

[17] Leq, or equivalent energy noise level, is the average acoustic energy content of noise for a stated period of time.
[18] City of Los Angeles Department of City Planning, Initial Study Mitigated Negative Declaration Northeast Los Angeles Community Plan Area Avenue 34 Project ZA-2016-272-ZAA-SPR-CLQ ENV-2016-273-MND, February 13, 2017. Page III-79; Appendix G: Noise Monitoring Data and Calculation Worksheets.

Construction

Pursuant to the Municipal Code Section 112.05, the MND considered that noise impacts associated with the use of construction equipment would be significant if it exceeds 75 dBA[19] at a distance of 50 feet from the noise source. However, the MND acknowledges that the above noise limitation does not apply where compliance is technically infeasible despite the use of mufflers, shields, sound barriers and/or any other noise reduction device or techniques during the operation of the equipment. The MND also states that construction activities lasting more than one day that increase the ambient noise levels by 10 dBA or more at any off-site noise-sensitive receptor, or construction activities lasting more than 10 days in a three-month period that would increase ambient exterior noise levels by 5 dBA or more at a noise sensitive use, would be a significant impact.

Construction of the Original Project would require the use of heavy equipment for various construction phases that would produce noise levels of up to 86 dBA at 50 feet from the noise source based on the types of equipment used and data provided by the United States Environmental Protection Agency, Noise from Construction Equipment and Operations, Building Equipment and Home Appliances, PB 206717, 1971. Based on the distance to offsite sensitive receptors, and the measured ambient noise levels, the previous analysis determined that construction activities within the Project Site could result in a noise level of up to 81.6 dBA Leq at the nearest sensitive receptor without incorporation of mitigation.

The Original Project would be required to comply with LAMC requirements and Environmental [Q] Condition C.10 regarding short-term construction noise impacts. Specifically, [Q] Condition C.10 requires: compliance with Ordinances 144,331 and 161,574 which prohibit the emission or creation of noise beyond certain levels at adjacent uses unless technically infeasible; restricts the permissible hours of construction to the hours of 7:00 am to 6:00 pm Monday through Friday, and 8:00 am to 6:00 pm on Saturday; construction and demolition activities to be scheduled to avoid operating several pieces of equipment simultaneously; and the use of power construction equipment with state-of-the-art noise shielding and muffling devices. As the MND states that a temporary construction noise barrier with a minimum of ¾-inch thick plywood or other sound absorbing material capable of achieving a 10 dBA reduction in sound level will be erected around the Project Site's perimeter, the Project would comply with the requirements of LAMC Section 112.05 and impacts would be less than significant.

The Original Project would implement mitigation measure **MM-N-1**, which specifies a feasible method for providing an adequate noise barrier to ensure construction noise would be reduced at sensitive receptors, as required for compliance with the LAMC Section 112.05 and [Q] Condition C.10.

The previous analysis also acknowledges that offsite noise impacts at the nearby Hillside Elementary School associated with hauling activities would be reduced by implementing the previously described mitigation measures MM-HAZ-2 and MM-HAZ-3. Therefore, with implementation of mitigation, construction noise impacts would be reduced to less than significant.

Operations

Operational impacts from the Original Project would be generated by heating, ventilation and air conditioning ("HVAC") equipment. These proposed equipment noise levels are not anticipated to be substantially greater than those generated by the current HVAC equipment serving the existing buildings on the Project Site and would not represent a new noise source. Additionally, according to the MND,

[19] The A-weighted decibel scale (dBA) provides compensation by discriminating against frequencies in a manner approximating the sensitivity of the human ear.

operation of HVAC equipment, or any other on-site stationary noise sources would comply with LAMC Section 112.02, which prohibits noise from such equipment to exceed ambient noise levels at other occupied properties by more than five dB. Thus, it was concluded by the MND that the Original Project's HVAC equipment would not be allowed to exceed the ambient noise level by five dB at adjacent properties, the potential for a substantial permanent increase in noise levels would be less than significant.

Modified Project Analysis:

Construction

Construction of the Modified Project would require the use of heavy equipment for various construction phases including demolition, grading and site preparation, paving, and building construction. The Modified Project would require demolition of onsite structures, grading and excavation for a subterranean parking garage, and construction of three buildings with a maximum height of five stories. These activities are all similar to those that the Original Project would require. The Modified Project would also require offsite hauling for export of soils, although the volume of material removed, and thus the number of haul trucks, would be less than that required for the Original Project. Therefore, the types of construction equipment and potential noise generation levels associated with the Modified Project would not be anticipated to substantially differ from that evaluated for the Original Project.

As such, the Modified Project's potential construction equipment noise levels would also be approximately 81.6 dBA without incorporation of a sound barrier. However, implementation of MM-N-1 would require placement of a temporary construction noise barrier with a minimum of ¾-inch thick plywood or other sound absorbing material capable of achieving a 10 dBA reduction in sound level around the Project Site's perimeter, which would reduce the potential construction noise levels to less than 75 dBA, which would comply with the requirements of LAMC Section 112.05 based on a conservative analysis that does not take into account the 50 foot reference distance under Section 112.05.[20] As such, compliance with LAMC Section 112.05, and [Q] Condition C.10, as well as implementation of MM-N-1 would reduce potential onsite construction noise impacts to less than significant with mitigation. In addition, compliance with the previously described mitigation measures MM-HAZ-2 and MM-HAZ-3 would reduce potential noise impacts at Hillside Elementary School from offsite soil hauling to less than significant. Therefore, the Modified Project would have a less than significant impact regarding construction noise impact with mitigation incorporated.

Operations

Operational impacts from the Modified Project would be generated by HVAC equipment, and noises typical of residential, office and retail uses. These proposed equipment noise levels are not anticipated to be substantially greater than those generated by the current HVAC equipment serving the existing buildings, and would not represent a new substantial noise source. However, the following evaluation and discussion describes potential stationary noise impacts from HVAC equipment associated with the Modified Project.

The proposed HVAC equipment would be mounted on rooftops of the proposed buildings would generate noise. A reference noise level for standard HVAC equipment is approximately 64 dBA at a distance of 3.3 feet from the source. Noise levels from point sources are attenuated by distance through spreading losses, which reduce noise levels by approximately six (6) dB for every doubling of distance from the source. Additionally, proposed parapets and/or top floor mezzanines of various heights would provide noise shielding that would further reduce HVAC noise at sensitive receptors. The respective insertion losses of

[20] The nearest sensitive receptor to the Project Site is approximately 80 feet away.

the building parapets or top floor mezzanines were calculated using the FTA Transit Noise and Vibration Impact Assessment Manual.[21] Based on the distances to existing sensitive uses, the Modified Project's HVAC noise levels at nearby sensitive receptors would range from 38.6 dBA to 41.7 dBA. However, based on the existing ambient noise environment as reported in the MND, the HVAC noise levels generated by the Modified Project, assuming simultaneous operation of all units to serve each proposed residential unit, would result in a combined increase of 0.0 dBA to 0.1 dBA at sensitive receptors,[22] as shown in **Table XII-1, HVAC Noise Levels**.

These noise level increases would be less than 5 dBA and would therefore not exceed the LAMC Section 112.02 threshold of a 5 dBA increase above ambient levels. In addition, an increase in noise of less than 3 dBA is typically not discernible to the human ear. Therefore, the Modified Project's HVAC-related permanent increase in ambient noise levels would be less than significant.

Comparison and Addendum Conclusion: The Original Project and the Modified Project would both redevelop an approximately 5.03-acre infill site within a highly urbanized area in the Northeast Los Angeles Community Plan Area. Both would remove existing light industrial and warehouse uses, and construct a mixed-use development of multi-family residential and commercial uses, with subterranean parking. As both would result in the removal of existing structures, grading and export of a similar volume of soil (though slightly less for the Modified Project), and construction of onsite buildings up to five stories in height, there would be a similar duration of construction activities, and similar noise generating equipment, which could affect the same sensitive receptors. As such, the potential short-term effect on the existing noise environment due to construction would be substantially similar between the Original Project and the Modified Project. Both would be required to comply with LAMC requirements and Environmental [Q] Condition C.10 regarding construction noise reduction. As discussed above, noise impacts associated with the use of construction equipment would be significant if it exceeds 75 dBA at a distance of 50 feet from the noise source, pursuant to the Municipal Code Section 112.05 construction noise limitations. Implementation of MM-N-1, which specifies a feasible construction noise reduction method for compliance with the Municipal Code Section 112.05 by reducing potential unmitigated construction equipment noise levels at the nearest sensitive receptor of approximately 81.6 dBA by approximately 10 dB, resulting in a mitigated noise level of about 71.6 dBA, Therefore, potential construction noise impacts to sensitive receptors would be reduced to a less than significant level with mitigation. Additionally, the Modified Project would result in fewer hauling trips for soil export than the Original Project. Further, implementation of the mitigation measures MM-HAZ-2 and MM-HAZ-3 would also reduce potential offsite hauling noise at the nearby school. As such, the construction noise impacts for either the Original Project or the Modified Project would be less than significant with mitigation, and the construction noise mitigation would be the same.

Following completion of construction, the operational noise generated onsite by either of the two mixed-use development options would be similar. During operations, onsite noise generation sources would be required to comply with applicable noise regulations, and as shown in Table XII-1, HVAC noise from the Modified Project would not result in a noticeable noise increase at existing sensitive receptors, and impacts would be less than significant.

[21] Federal Transit Administration, Transit Noise and Vibration Impact Assessment Manual, September 2018, Table 4-28.
[22] Given that decibels are logarithmic units, sound levels cannot be added by ordinary arithmetic means. The sound pressure level from two equal sources is 3 dB greater than the sound pressure level of just one source.

Table XII-1
HVAC Noise Levels

Offsite Sensitive Receptor [1]	Modified Project Building	Reference Noise Level at 3.3 feet (dBA) [2]	Number of HVAC Units [3]	Composite Noise Level at Reference Distance [4] (dBA)	Average HVAC Distance to Receptor (feet) [5]	Attenuated Composite Noise Level (dBA) [6]	Parapet & Roofline Shielding Reduction (dBA)	Reduced HVAC Noise Level (dBA)	Combined HVAC Noise Level (dBA)	Measured Existing Ambient Noise Level (dBA) [7]	Noise Level Increase (dBA)
1	A	64	164	86.1	135	53.9	15	38.9	41.7	59.0	0.1
	B	64	146	85.6	255	47.9	12	35.9			
	C	64	158	86.0	365	45.1	10	35.1			
2	A	64	164	86.1	305	46.8	12	34.8	39.7	65.9	0.0
	B	64	146	85.6	335	45.5	9	36.5			
	C	64	158	86.0	275	47.6	15	32.6			
3	A	64	164	86.1	370	45.2	12	33.2	38.6	67.8	0.0
	B	64	146	85.6	370	44.6	9	35.6			
	C	64	158	86.0	300	46.8	15	31.8			

Notes:
[1] Specified sensitive receptors and the distances from the site are as described in the MND Page III-85; Appendix G: Noise Monitoring Data and Calculation Worksheets.
[2] This analysis uses a reference noise level from a Midea Multi-Zone Outdoor HVAC Units (Model #: MCH5U-48PHH2) based on the specifications from Media's 2017 Residential and Light Commercial Ductless catalog.
[3] The number of HVAC Units was based on the number of dwelling units.
[4] As decibels are logarithmic units, sound levels cannot be added by ordinary arithmetic means. The sound pressure level from two equal sources is 3 dB greater than the sound pressure level of just one source.
[5] Represents the average distance from the HVAC units on a given building to the receptor.
[6] Attenuated by spreading losses based on distance from receptor.
[7] Measured noise levels reported in the MND Page III-85; Appendix G: Noise Monitoring Data and Calculation Worksheets.

For these reasons, the Modified Project would not result in new significant effects or a substantial increase in the severity of a significant environmental impact compared to the Original Project.

Mitigation Measure:

MM-N-1 Increased Noise Levels (Demolition, Grading, and Construction Activities):

- In addition to satisfying the noise-related conditions identified in [Q] Condition 10 of Ordinance 179,280, the project contractor shall erect a temporary noise-attenuating sound barrier along the perimeter of the Project Site's southerly and easterly property line to minimize construction noise levels at off-site properties. The sound wall shall be a minimum of 8 feet in height to block the line of site of construction equipment and off site receptors at the ground level. The sound barrier shall include ¾-inch plywood or other sound absorbing material capable of achieving a 10-dBA reduction in sound level.

b. Less Than Significant Impact .

Original Project Analysis: During construction, the Original Project could generate low levels of groundborne vibration. The nearest sensitive receptor was determined to be residential uses located approximately 80 feet south of the Project Site. The MND states that based on the distance to existing residences, no buildings would be susceptible to structural damage resulting from construction vibrations generated by the Original Project. An evaluation of vibrations impacts relative to human annoyance was also conducted, which concluded that the maximum construction vibration level of 71.9 VdB at the nearest residence (receptor), would not exceed levels reported by the Federal Transit Administration as causing human annoyance at residential uses. Additionally, the Original Project would be required to comply with [Q] Condition C.10, which restricts construction activities to the hours of 7:00 A.M. to 6:00 P.M. Monday through Friday, and 8:00 A.M. to 6:00 P.M. on Saturday.

Although the previous analysis demonstrates that construction vibration impacts would not exceed thresholds for structural damage or annoyance, and notes that construction would be restricted to specified daytime hours by [Q] Condition C.10, the MND additionally concluded that implementation of the measures identified under Mitigation Measure MM-N-1 would further ensure vibration levels would not exceed the annoyance level. As such, the MND indicated that construction vibration impacts would be less than significant with mitigation.

The MND also notes that the Project Site is located in a Commercial Manufacturing zone which experiences heavy truck traffic on a daily basis, and also notes that the existing warehouse and light industrial land uses within Project Site currently generate approximately 440 trips per day, which are mostly heavy trucks. As such, it was concluded that hauling activities with soil export and demolition and construction debris removal would not generate a significant change in the heavy vehicle traffic that already occurs in the immediate project vicinity on a daily basis. Thus, vibration impacts from hauling and construction traffic would be less than significant.

Modified Project Analysis: As discussed in above in the evaluation in Section XII(a), construction of the Modified Project would require similar equipment, durations, and soil export activities as the Original Project, which could generate vibrations. As the types of construction equipment would be similar, the analysis of the Original Project's potential vibration impacts on sensitive receptors would also apply to the Modified Project.

Vibratory motion is commonly described by either the peak particle velocity (PPV) or the root mean square (RMS) vibration velocity level in the decibel scale (VdB). PPV is defined as the maximum instantaneous

positive or negative peak of the vibration signal. PPV is generally accepted as the most appropriate descriptor for evaluating the potential for building damage. For evaluation of potential human annoyance from vibration, VdB is typically used.

Few local jurisdictions have adopted regulatory standards specifically pertaining to groundborne vibration. Although there are no officially adopted regulatory standards for the point at which groundborne vibration levels could cause structural damage, the FTA provides guidelines for potential vibration damage and potential human annoyance from vibration.[23] The FTA criteria for damage to non-engineered timber and masonry buildings is 0.2 PPV in/sec. For potential human annoyance from vibration, the FTA criteria for infrequent events are 80 VdB and above at residences and buildings where people normally sleep, and 83 VdB and above for institutional land uses with primarily daytime use, such as schools.

Table XII-2, Vibration Levels at Sensitive Receptors shows the vibration levels from various equipment expected to be used for construction of the project. As shown on Table XII-2, vibration levels at the nearest residence would reach 0.016 PPV in/sec or 71.8 VdB and vibration levels at the next nearest residence would reach up to 0.014 PPV in/sec or 71.1 VdB. Table XII-2 also shows that vibration levels at the nearest institutional land use, a school facility, would reach 0.010 PPV in/sec or 67.7 VdB. These vibration levels would be below 0.2 PPV in/sec, and therefore would not exceed levels that could potentially damage non-engineered timber and masonry based on FTA criteria. In addition, the vibration levels of 71.8 VdB and 71.1 VdB at nearby residences would be below the FTA criteria of 80 VdB for potential human annoyance from vibration from infrequent events at residential land uses. The vibration level of 67.7 VdB at the nearest institutional use sensitive receptor would be below the FTA criteria of 83 VdB for potential human annoyance from vibration from infrequent events at institutional land uses.

Table XII-2
Vibration Levels at Sensitive Receptors

Equipment	PPV, in/sec				Approximate RMS Vibration Velocity Level (VdB)			
	Reference level at 25 ft	R-1 (80 ft)	R-2 (85 ft)	R-3 (110 ft)	Reference Level at 25 ft	R-1 (80 ft)	R-2 (85 ft)	R-3 (110 ft)
Large Bulldozer	0.089	0.016	0.014	0.010	87	71.8	71.1	67.7
Loaded Trucks	0.076	0.013	0.012	0.008	86	70.8	70.1	66.7
Jackhammer	0.035	0.006	0.006	0.004	79	63.8	63.1	59.7
Bulldozer	0.003	0.001	0.000	0.000	58	42.8	42.1	38.7

Source: US Department of Transportation, Federal Transit Administration, Office of Planning and Environment, Transit Noise and Vibration Impact Assessment Manual, FTA Report No. 0123, September 2018.
R-1 and R-2 = Residences
R-3 = Institutional Use (School)

Therefore, based on the distance to the nearest sensitive receptors, the Modified Project's generation of construction vibrations would not exceed thresholds for structural damage or human annoyance, and potential impacts would be less than significant. As the Project Site is within an area which experiences heavy truck traffic under existing conditions, and as the Modified Project would result in the removal of

[23] U.S. Department of Transportation, Federal Transit Administration, Office of Planning and Environment, Transit Noise and Vibration Impact Assessment Manual, FTA Report No. 0123, September 2018

existing light industrial and warehouse uses from the Project Site that currently generate heavy truck traffic, the short-term hauling of demolition debris, soils, and construction materials during construction of the Modified Project would not generate a significant change in the heavy vehicle traffic that already occurs in the immediate project vicinity. Additionally, the Modified Project would be required to comply with [Q] Condition C.10, which restricts construction activities to the hours of 7:00 A.M. to 6:00 P.M. Monday through Friday, and 8:00 A.M. to 6:00 P.M. on Saturday.

Operation of the Modified Project would not involve stationary equipment that would produce high vibration levels. In addition, while heavy-duty vehicles such as heavy trucks have the potential to create localized, intermittent vibration levels when traveling on roads with pavement discontinuities,[24] roadways in the project vicinity are smoothly paved and the Modified Project would not substantially increase the use of heavy-duty vehicles on local roadways. Therefore, the Modified Project's potential vibration impacts would be less than significant.

Comparison and Addendum Conclusion: The Original Project and the Modified Project would both remove light industrial and warehouse uses from the Project Site, and construct a mixed-use development of multi-family residential and commercial uses, with subterranean parking. Similar construction activities and equipment would occur on the Project Site to develop either the Original Project or the Modified Project, which could potentially increase vibrations at the existing residences in the vicinity. As evaluated above however, vibrations generated by construction onsite or by offsite hauling would be less than significant for either the Original Project or the Modified Project, and redevelopment of the Project Site would be required to comply with [Q] Condition C.10 which restricts construction activities to the hours of 7:00 A.M. to 6:00 P.M. Monday through Friday, and 8:00 A.M. to 6:00 P.M. on Saturday.

Although the MND demonstrated that the Original Project's vibration impacts would not exceed significance thresholds for structural damage or annoyance, it indicated that the implementation of mitigation measure MM-N-1 could further reduce vibration impacts. While the construction vibration levels potentially generated by the Modified Project would not substantially differ from the Original Project, as demonstrated above, vibrations would not exceed significance thresholds and no mitigation measure such as MM-N-1 would be required. The noise barrier called for MM-N-1 would not be necessary or effective to reduce Project vibration impacts. Accordingly, this Addendum concludes Project vibration impacts would be less than significant and no mitigation is required (the MND does not in reality include any such mitigation).

For these reasons, the Modified Project would not result in new significant effects or a substantial increase in the severity of a significant environmental impact compared to the Original Project.

c. Less Than Significant Impact.

Original Project Analysis: The MND considered that a significant impact would occur if noise levels associated with operation of the Original Project would increase the ambient noise levels by 3 dBA Community Noise Exposure Level[25] ("CNEL") at homes where the resulting noise level would be at least 70 dBA CNEL. This analysis considered potential noise increases associated with project-related traffic, as well as onsite stationary noise sources. Generally, an increase of 3 dBA in ambient noise levels requires doubling of the traffic volumes on a given roadway segment.

[24] California Department of Transportation (Caltrans), Transportation Construction Vibration Guidance Manual, September 2013.

[25] The Community Noise Equivalent Level (CNEL) is a 24-hour average Leq with a 5 dBA "weighting" during the hours of 7:00 P.M. to 10:00 P.M. and a 10 dBA "weighting" added to noise during the hours of 10:00 P.M. to 7:00 A.M. to account for noise sensitivity in the evening and nighttime, respectively.

Traffic Noise

Based on the vehicle trips to be generated, and the trip distribution on area roadways, the Original Project would increase local noise levels by a maximum of 0.29 dBA CNEL, which would occur at the intersection of Pasadena Avenue and Avenue 28 during the PM peak hour. Other intersections evaluated would experience traffic noise increases of 0.23 dBA or less. As an increase of less than 3 dBA is typically not discernible to the human ear, the Original Project's potential increase in traffic noise would be imperceptible to most people and impacts would be less than significant.

Stationary Noise

As evaluated in the MND, the Original Project's HVAC equipment would be required to comply with applicable noise restrictions codified in LAMC Section 112.02, which specify that noise generation by stationary sources such as air conditioning, refrigeration, heating, pumping and filtering equipment is not allowed to exceed the ambient noise level on the premises of other occupied properties by more than 5 dBA. The conclusion of the MND was that HVAC noise would be less than significant with required compliance with the applicable code restriction.

The MND states that noise generated within a parking garage could include engines accelerating, doors slamming, car alarms, and people talking, which would be similar to noise currently generated within the Project Site's existing surface parking areas. The Original Project design includes entrances to the parking garage facing Avenue 34. The MND concludes that implementation of Mitigation Measure MM-N-2, which pertains to the design of parking structure ramps, would further reduce the noise associated with the enclosed subterranean parking garage to less than significant levels.

It also notes that operation of vehicles onsite would be subject to the requirements of LAMC Section 114.02, which prohibits the operation of any motor driven vehicles upon any property that would exceed ambient noise level by 5 dBA. The MND concluded with implementation of MM-N-2 and regulatory compliance, the Original Project's impacts related to a permanent increase in ambient noise levels would be less than significant with mitigation.

Modified Project Analysis:

Traffic Noise

The Modified Project would construct a mixed-use development of multi-family residential and commercial uses, as would the Original Project. The number of residential units would be greater and the commercial space would be reduced compared to the Original Project. This modification would result in an estimated four (4) fewer peak hour trips in both the A.M. and P.M. peak hours than the Original Project.[26] As such, traffic-related noise increases resulting from the Modified Project would be slightly reduced compared to the Original Project. Therefore, the Modified Project's traffic related noise increases would be less than 0.29 dBA CNEL, which would be an imperceptible change and would result in a less than significant impact.

Stationary Noise

As discussed above in Section XIIa, and shown in Table XII-1, the Modified Project's HVAC equipment would not result in a significant increase in ambient noise levels at sensitive receptors, and HVAC noise impacts would be less than significant.

[26] Crain & Associates, Letter to Mr. Wes Pringle Transportation Engineer Metro Development Review Division Department of Transportation, Re: Avenue 34 & Pasadena Mixed-Use Project Traffic Impact Analysis Update, June 18, 2019.

The Modified Project would provide all onsite parking within two subterranean levels below the western and central portions of the Project Site, with the entrance (opening) facing the west, adjacent to existing railroad tracks and other non-sensitive receptors. Therefore, noises generated within the basement level garage structure, such as engines accelerating, doors slamming, car alarms, and people talking, would be substantially attenuated by the garage structure itself, and the primary outlet for garage noise to the environment (the entrance) would not be in close proximity to, or directed at nearby sensitive receptors such as residences. Therefore, as no existing sensitive uses are located in proximity to the proposed garage entrance, noise impacts associated with the Modified Project's parking garage activities would be less than significant. However, for consistency with the previous analysis, the implementation of Mitigation Measure MM-N-2 regarding ramp materials and textures to reduce tire squeal will be retained with this Addendum.

Comparison and Addendum Conclusion: The Original Project and the Modified Project would both develop a mixed-use development within the same site, which would result in similar traffic generation in nearby intersections, although peak hour trips would be slightly lower with the Modified Project.[27] Therefore, as traffic noise increases from the Original Project were shown to not exceed significance thresholds within the MND, the Modified Project's slightly reduced number of peak hour trips compared to the Original Project would likewise not exceed significance thresholds. Stationary noise from the Modified Project's HVAC equipment would be less than significant as shown above in Section XIIa. Additionally, as the Modified Project design places the entrance to the subterranean garage on a side of the site that is adjacent to train tracks and other non-sensitive receptors, potential parking garage noise would be less than significant.

However, for consistency with the MND, this Addendum will retain the previously identified mitigation measure MM-N-2 that specifies materials and textures for garage ramp surfaces to reduce noise squeal, although no significant impact regarding tire noise would occur at sensitive receptors from the Modified Project.

Additionally, the City's noise restrictions codified in LAMC Section 112.02 and Section 114.02, which prohibits noise increases of more than 5 dBA upon any property associated with operation of air conditioning, refrigeration, heating, pumping and filtering equipment, or from the operation of vehicles onsite, respectively, would apply to either redevelopment scenario for the site.

For these reasons, the Modified Project would not result in new significant effects or a substantial increase in the severity of a significant environmental impact compared to the Original Project.

Mitigation Measure:

MM-N-2 Increased Noise Levels (Parking Structure Ramps):

- Concrete, not metal, shall be used for construction of parking ramps.
- The interior ramps shall be textured to prevent tire squeal at turning areas.

d. Less Than Significant Impact With Mitigation.

Original Project Analysis: As stated above, the Original Project would reduce construction and operational noise levels to less than significant with implementation of MM-N-1 and compliance with [Q] Condition C.10 to reduce short-term construction noise impacts. It was determined that the Original Project would be

[27] Crain & Associates, Letter to Mr. Wes Pringle Transportation Engineer Metro Development Review Division Department of Transportation, Re: Avenue 34 & Pasadena Mixed-Use Project Traffic Impact Analysis Update, June 18, 2019.

consistent with the LAMC and Noise Element of the general plan, and therefore increases in noise levels would be less than significant with mitigation incorporated.

Modified Project Analysis: The Modified Project would also reduce construction and operational noise levels to less than significant with implementation of MM-N-1 and compliance with [Q] Condition C.10 as evaluated in the above analysis Section XII(a). Therefore, temporary and periodic increases in noise levels would be less than significant with mitigation incorporated.

Comparison and Addendum Conclusion: The Original Project and the Modified Project would both result in similar short-term construction activities within the Project Site, and would be required to comply with [Q] Condition C.10 to reduce short-term construction noise impacts. Implementation of mitigation measure MM-N-1 would further reduce potential short-term noise increases to less than significant levels for both the Original Project and the Modified Project.

For these reasons, the Modified Project would not result in new significant effects or a substantial increase in the severity of a significant environmental impact compared to the Original Project.

e. No Impact.

Original Project Analysis: There are no airports located within a two-mile radius of the Project Site, and Project Site is not within any airport land use plan or airport hazard zone. Therefore, the Previously Approved Project would not expose people to excessive noise levels associated with airport use, and no impact would occur.

Modified Project Analysis: As there are no airports located within a two-mile radius of the Project Site, and the Project Site is not within any airport land use plan or airport hazard zone, no impact associated with excessive airport noise levels would occur.

Comparison and Addendum Conclusion: The Original Project and the Modified Project would both redevelop the same site, which is not located within a two-mile radius of an airport and is not within any airport land use plan or airport hazard zone. As such, no impact regarding excessive airport noise levels would occur under either the Original Project or the Modified Project.

For these reasons, the Modified Project would not result in new significant effects or a substantial increase in the severity of a significant environmental impact compared to the Original Project.

f. No Impact.

Original Project Analysis: The Original Project is not within the vicinity of a private airstrip. Therefore, the Original Project would not subject area residents and workers to excessive noise levels and as such, no impact would occur.

Modified Project Analysis: The Project Site is not within the vicinity of a private airstrip. Therefore, the Modified Project would not subject area residents and workers to excessive noise levels and as such, no impact would occur.

Comparison and Addendum Conclusion: The Original Project and the Modified Project would both be located on the same site, which is not within the vicinity of a private airstrip. As such, no impact associated with excessive noise from private airstrips would occur with either the Original Project or the Modified Project.

For these reasons, the Modified Project would not result in new significant effects or a substantial increase in the severity of a significant environmental impact compared to the Original Project.

Cumulative Impacts

As stated in the MND, development of the Original Project would not result in a significant cumulative environmental impact with respect to noise and vibration in conjunction with the identified related projects. As the Modified Project proposes a similar mixed-use development on the same urban infill property, would comply with the various regulatory compliance and mitigation measures discussed above, and would have substantially the same impacts regarding noise and vibration, as set forth in the above analysis, the Modified Project would similarly not result in a significant cumulative impact regarding noise and vibration.

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
XIII. POPULATION AND HOUSING.				
a. Would the project induce substantial population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?	☐	☐	☒	☐
b. Would the project displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere?	☐	☐	☐	☒
c. Would the project displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?	☐	☐	☐	☒

Impact Analysis

a. Less Than Significant Impact.

Original Project Analysis: The MND reported the average household size in the Northeast Los Angeles Community Plan area in 2009 was 3.27 persons, and therefore, it was determined that the Original Project's 372 residential units would provide housing for an estimated 1,216 residents. Additionally, it was determined that the commercial space for the Original Project would require approximately 149 employees. The population generated by the Original Project would be within the planned capacity for the Northeast Los Angeles Community Plan Area, and the employees generated would be consistent with the anticipated increase of jobs within the City between 2012 and 2040, as shown in the SCAG 2016-2040 RTP/SCS. As such, the MND stated that the direct and indirect population growth of the Previously Approved Project would not cause a significant impact on the environment.

Modified Project Analysis: The Project Site is an infill site that is currently developed with urban land uses, which are served by existing infrastructure, and therefore, the Modified Project would not result in extending roads or infrastructure that could indirectly cause substantial population growth.

The Modified Project's development of 468 multi-family residential units would provide housing for approximately 1,465 persons[28] based on the current household size of 3.13 persons per household for the Northeast Los Angeles area.[29] Additionally, the Modified Project would provide 16,395 square feet of retail space that would employ an estimated 28 employees, using San Diego Association of Governments (SANDAG) estimate of 383 square feet of space per employee for community retail.[30] The population generated by the Modified Project and the employees generated would be consistent with the anticipated

[28] Using the 2009 household size data relied on for the previous analysis, the number of persons that the Modified Project would provide housing for would be approximately 1,530.

[29] Los Angeles Department of City Planning Demographics Research Unit, 2017 Northeast Los Angeles Demographic Profile, August 6, 2019.

[30] U.S. Green Building Council (USGBC), Building Area Per Employee by Business Type, May 13, 2008. Accessed on October 21, 2019 at: https://www.usgbc.org/drupal/legacy/usgbc/docs/Archive/General/Docs4111.pdf

increase of population and jobs within the City between 2012 and 2040 as projected by the SCAG 2016-2040 RTP/SCS.[31] Therefore, the Modified Project's population impacts would be less than significant.

Comparison and Addendum Conclusion: The Original Project and the Modified Project would both redevelop a light industrial and warehouse site with residential and commercial uses. The Modified Project would provide an additional 96 residential units compared to the Original Project, and would reduce the amount of commercial space by 23,605 square feet compared to the Original Project.

Development under either the Original Project or the Modified Project would be consistent with SCAG's forecasted increase of population and jobs within the City. As such, environmental impacts pertaining to population growth for both would be less than significant, and the Modified Project would not result in new significant effects or a substantial increase in the severity of a significant environmental impact compared to the Original Project.

b-c. No Impact.

Original Project Analysis: The Project Site is an infill site currently developed with light industrial and warehouse land uses that do not provide housing, so removal of the existing uses would not displace any housing or persons, and no impact would occur.

Modified Project Analysis: The Project Site is an infill site currently developed with light industrial and warehouse land uses that do not provide housing, so removal of the existing uses would not displace any housing or persons and no impact would occur.

Comparison and Addendum Conclusion: As the Original Project and the Modified Project would not displace any housing or persons, there would be no impact under development of either option. Therefore, the Modified Project would not result in new significant effects or a substantial increase in the severity of a significant environmental impact compared to the Original Project, as both would have no impact.

Cumulative Impacts

As stated in the MND, development of the Original Project would not result in a significant cumulative environmental impact with respect to population and housing in conjunction with the identified related projects. As the Modified Project proposes a similar mixed-use development on the same urban infill property, and would only slightly increase the population and employment (though still within the planned population increase for the City) as set forth in the above analysis, the Modified Project would similarly not result in a significant cumulative impact regarding population and housing.

[31] Southern California Association of Governments, 2016-2040 Regional Transportation Plan/ Sustainable Communities Strategy, Adopted April 7, 2016.

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
XIV. PUBLIC SERVICES.				
Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times, or other performance objectives for any of the public services:				
a. Fire protection?	☐	☐	☒	☐
b. Police protection?	☐	☒	☐	☐
c. Schools?	☐	☐	☒	☐
d. Parks?	☐	☐	☒	☐
e. Other public facilities?	☐	☐	☒	☐

Impact Analysis

a. Less Than Significant Impact.

Original Project Analysis: According to the MND, redevelopment of the Project Site would potentially increase the demand for City of Los Angeles Fire Department ("LAFD") fire protection services, which currently provides fire protection services to the existing light industrial and warehouse land uses within the Project Site. The closest fire station to the Project Site is Station No.1, located at 2230 Pasadena Avenue, which is approximately 0.7 miles south of the Project Site, and which meets the LAMC Section 57.507.3.3 response distance criteria.

The MND included a discussion regarding emergency access during construction, and concluded that construction of the Original Project would have less than significant impacts because construction activities would be temporary, would not cause a complete lane closure, would provide flagmen for any partial lane closures, and would have marked emergency access points approved by the LAFD.

Redevelopment of the Project Site would be required to comply with [Q] Condition C.21, which requires Fire Department safety recommendations to be incorporated into the building plans for review and approval. Based on the relatively short response distance for the existing LAFD station, as well as required compliance with [Q] Condition C.21, the MND concludes that the Original Project's potential environmental impacts regarding fire protection facilities would be less than significant.

Modified Project Analysis: The Project Site is located within an urbanized area of the City, and is served by the LAFD Station 1, located approximately 0.7 miles south of the Project Site.[32] The Modified Project would replace existing light industrial and warehouse uses with a mixed-use development of 468 multi-family residential units and 16,395 square feet of commercial retail space within three structures, with

[32] LAFD, Find Your Station, Accessed on September 27, 2019 at: https://www.lafd.org/fire-stations/station-results.

underground garage parking. The Modified Project would be required to comply with all applicable State and local regulations regarding fire protection, including LAMC Section 57.507.3.3 and [Q] Condition C.21. The Modified Project would not require the construction or expansion of LAFD facilities to serve the residential and commercial uses that would replace existing uses on the Project Site. Therefore, potential environmental impacts regarding fire protection services would be less than significant.

Comparison and Addendum Conclusion: The Original Project and the Modified Project would both remove existing light industrial and warehouse uses from the Project Site that is currently provided fire protection by LAFD Station 1, and construct a residential and mixed use development on the Project Site. The Modified Project would provide 96 more residential units than the Original Project, and 23,605 square feet less commercial space. The Project Site is located within 0.7 miles of LAFD Station 1, which meets the City's response criteria. Either development scenario would be required to comply with [Q] Condition C.21, as well as all applicable State and local fire safety regulations, including Site Plan Review. Neither development option would require construction or expansion of LAFD facilities that could cause a significant environmental impact. Therefore, potential impacts of both the Original Project and the Modified Project regarding fire protection would be less than significant.

For these reasons, the Modified Project would not result in new significant effects or a substantial increase in the severity of a significant environmental impact compared to the Original Project.

Cumulative Impacts

As stated in the MND, development of the Original Project would not result in a significant cumulative environmental impact with respect to fire protection services in conjunction with the identified related projects. As the Modified Project proposes a similar mixed-use development on the same urban infill property, and would only slightly increase the population residing at the Project Site as set forth in the above analysis, the Modified Project would similarly not result in a significant cumulative impact regarding fire protection services.

b. Less Than Significant Impact With Mitigation.

Original Project Analysis: According to the MND, the Project Site is located within the Hollenbeck area division of the Los Angeles Police Department ("LAPD"). It was determined that the Original Project would provide housing for 1,216 new residents, and employment for 149 new employees within the Project Site, which could potentially increase the demand for police services.

As evaluated in the MND, the Original Project could attract vandals or trespassers during construction, if the construction site were to be unsecured. During operations, the Original Project would result in an increase of site visitors, residents, and employees within the Project Site, which could generate an increase in calls for police services. The Original Project would be designed to provide adequate safety lighting, limit visually obstructed/infrequently accessed "dead zones", and secure parking facilities. The MND concludes that compliance with Mitigation Measure **MM-PS-1**, would reduce potential environmental impacts of the Original Project regarding police services to less than significant with mitigation.

Modified Project Analysis: The Project Site is located within an urbanized area of the Northeast Los Angeles Community Plan Area of the City and would be served by the LAPD. According to the City's Zone Information and Map Access System (ZIMAS),[33] as well as the LAPD Hollenbeck Area – Basic Car

[33] City of Los Angeles Department of City Planning, Zone Information and Map Access System (ZIMAS), Accessed at http://zimas.lacity.org/ on October 22, 2019.

map,[34] the Project Site is within the service area of the Hollenbeck Community Police Station. The LAPD website indicates that the Project Site is located within the adjacent service area of the Northeast Los Angeles Community Police Station[35] rather than the Hollenbeck Community Police Station. However, this inconsistency is inconsequential to the evaluation of potential environmental impacts.

The Modified Project would remove existing light industrial and warehouse uses from the Project Site, and redevelop three new structures as a mixed-use development of multi-family residential and commercial uses. The Modified Project would provide housing for approximately 1,465 residents, and the commercial space could provide employment for approximately 28 persons, using San Diego Association of Governments (SANDAG) estimate of 383 square feet of space per employee for community retail.[36] Although the replacement of existing uses with the new development could potentially increase the demand for LAPD services, the Project is currently served by existing facilities and personnel, and would not be anticipated to require construction or expansion of the existing police facilities that could result in significant environmental impacts. However, implementation of the previously described mitigation measure MM-PS-1 could decrease the amount of service calls to the LAPD. As such, for a conservative analysis, this evaluation of the Modified Project will also include MM-PS-1, and impacts regarding police services would be less than significant with mitigation.

Comparison and Addendum Conclusion: The Modified Project would provide 96 more residential units than the Original Project, and 23,605 square feet less commercial space. The Original Project and Modified Project would both potentially increase the demand for LAPD services. Mitigation measure MM-PS-1, which could reduce potential calls for police services for the Original Project would also apply to the Modified Project. As no additional police service facilities would be required to serve the Project Site under either the Original Project or the Modified Project, the potential for environmental impacts associated with police services would be less than significant with mitigation.

For these reasons, the Modified Project would not result in new significant effects or a substantial increase in the severity of a significant environmental impact compared to the Original Project.

Mitigation Measure:

MM-PS-1 Police:

- The plans shall incorporate the Design Guidelines (defined in the following sentence) relative to security, semi-public and private spaces, which may include but not be limited to access control to building, secured parking facilities, walls/fences with key systems, well-illuminated public and semi-public space designed with a minimum of dead space to eliminate areas of concealment, location of toilet facilities or building entrances in high-foot traffic areas, and provision of security guard patrol throughout the project site if needed. Please refer to "Design Out Crime Guidelines: Crime Prevention Through Environmental Design," published by the Los Angeles Police Department. Contact the Community Relations Division, located at 100 W. 1st Street, #250, Los Angeles, CA 90012; (213) 486-6000. These measures shall be approved by the Police Department prior to the issuance of building permits.

[34] Los Angeles Police Department, Hollenbeck Community Police Station, Basic Car Map of Hollenbeck Area, Accessed at http://www.lapdonline.org/hollenbeck_community_police_station on October 22, 2019.
[35] Los Angeles Police Department, Community Police Station Address Look Up, Accessed on September 27, 2019: http://lapdonline.org/inside_the_lapd/content_basic_view/41960/Central+Bureau/Northeast/11A89/1189/1569625160.
[36] U.S. Green Building Council (USGBC), Building Area Per Employee by Business Type, May 13, 2008. Accessed on October 21, 2019 at: https://www.usgbc.org/drupal/legacy/usgbc/docs/Archive/General/Docs4111.pdf

Cumulative Impacts

As stated in the MND, development of the Original Project would not result in a significant cumulative environmental impact with respect to police protection services in conjunction with the identified related projects. As the Modified Project proposes a similar mixed-use development on the same urban infill property, would comply with the mitigation measure set forth above, and would only slightly increase the population residing at the Project Site while decreasing the number of employees, the Modified Project would similarly not result in a significant cumulative impact regarding police protection services.

c. Less Than Significant Impact.

Original Project Analysis: The Project Site is located within Los Angeles Unified School District ("LAUSD") and is currently served by Hillside Elementary, Florence Nightingale Middle School, Loreta Street Elementary, Woodrow Wilson Senior High, and Abraham Lincoln Senior High. As shown in **Table XIV-1, Original Project Student Generation,** the Original Project would generate a total of approximately 114 students, which could attend LAUSD schools.

Table XIV-1
Original Project Student Generation

Land Use	Size	Total Students
Multi-Family Residential [a]	372 du	113
Office [b]	30,000 sf	1
Commercial [c]	10,000 sf	0
	TOTAL	**114**

du= dwelling unit
[a] Student generation rates for multi-family residential: 0.1649 elementary, 0.0450 middle and .00943 high school students per unit.
[b] Student generation rates are as follows for office uses: 0.0233 elementary, 0.0108 middle and 0.0104 high school students per 1,000 square feet.
[c] Student generation rates are as follows for retail/commercial uses: 0.0149 elementary, 0.0069 middle and 0.0067 high school students per 1,000 square feet.
Source (for a): Los Angeles Unified School District, School Facilities Needs Analysis for Los Angeles Unified School District, September 2012.
Source (for b and c): Los Angeles Unified School District, School Fee Justification Study, September 2002.

The MND concludes that because the Applicant would be required to pay all applicable Senate Bill (SB) 50 developer fees pursuant to Government Code Section 65995, and because payment of developer fees is deemed full and complete mitigation regarding potential school impacts, the Original Project's impacts related to schools would be less than significant.

Modified Project Analysis: The Modified Project would be served by the same LAUSD schools as the Original Project. As shown in **Table XIV-2, Modified Project Student Generation,** the Modified Project would generate a total of approximately 142 students that could attend LAUSD schools.

Table XIV-2
Modified Project Student Generation

Land Use	Size	Total Students
Multi-Family Residential [a]	468 du	142
Commercial [b]	16,395 sf	0
	TOTAL	**142**

[a] Student generation rates for multi-family residential: 0.1649 elementary, 0.0450 middle and 0.0943 high school students per unit.
[b] Student generation rates are as follows for retail/commercial uses: 0.0149 elementary, 0.0069 middle and 0.0067 high school students per 1,000 square feet.
Source (for a): Los Angeles Unified School District, School Facilities Needs Analysis for Los Angeles Unified School District, September 2012.
Source (for b): Los Angeles Unified School District, School Fee Justification Study, September 2002.

However, the Applicant would be also be required to pay all applicable SB 50 developer fees pursuant to Government Code Section 65995, which are full and complete mitigation for potential school impacts. As such, the Modified Project's impacts regarding schools would be less than significant.

Comparison and Addendum Conclusion: The Modified Project would increase the total number of students generated from the Original Project by 28 students (15 elementary students, 4 middle school students, and 9 high school students). In addition, both projects would be required to pay all applicable SB 50 developer fees, which are full and complete mitigation for potential impacts on school facilities. Any difference in additional school demands would be offset by required payment of developer fees. As such, the potential for either the Original Project or the Modified Project to result in environmental impacts pertaining to school facilities would be less than significant.

For these reasons, the Modified Project would not result in new significant effects or a substantial increase in the severity of a significant environmental impact compared to the Original Project.

Cumulative Impacts

As stated in the MND, development of the Original Project would not result in a significant cumulative environmental impact with respect to school services in conjunction with the identified related projects. As the Modified Project proposes a similar mixed-use development on the same urban infill property, would comply with the developer school fees set forth above, and would only slightly increase in the number of students generated, the Modified Project would similarly not result in a significant cumulative impact regarding school services.

d. Less Than Significant Impact.

Original Project Analysis: The MND determines that the Project Site is located within an urbanized area and there is over 1,210 acres of parkland and public recreation facilities within a 2-mile radius of the Project Site including, but not limited to, East Los Angeles Park, Elysian Park and Ernest E. Debs Regional Park. The Original Project would provide approximately 39,575 square feet of total common open space and amenities on-site. Pursuant to Ordinance No. 179,280 the Original Project is required to provide a minimum of 64,744 square feet of publicly accessible public open space throughout Project Site. In addition, the Original Project is subject to Ordinance 184,505, which requires the payment of park mitigation fees for

residential, non-subdivision projects and these fees may be offset or reduced based on the amount of on-site open space and recreational amenities provided on-site. Therefore, according to the MND, impacts related to recreation would be less than significant.

Modified Project Analysis: As stated in the MND, the Project Site is located within an urbanized area with over 1,210 acres of parkland and public recreation facilities available within a 2-mile radius of the Project Site. The Modified Project would provide 49,125 square feet of common open space and landscaped areas. Redevelopment of the Project Site would be subject to the Design Conditions of Ordinance No. 179,280 [Q] Conditions regarding provision of open space areas, including publicly available open space areas, which the Modified Project has been designed to provide.

In addition, the Modified Project is subject to the payment of park mitigation fees for residential, non-subdivision project and these fees may be offset or reduced based on the amount of on-site open space and recreational amenities provided on-site. As such, the Modified Project's impacts regarding park facilities would be less than significant.

Comparison and Addendum Conclusion: The Original Project and Modified Project would both redevelop the same infill property. There is over 1,210 acres of parkland and public recreation facilities available within a 2-mile radius of the Project Site. Both redevelopment options would provide open space amenities onsite, pursuant to applicable [Q] Conditions, which would reduce the demand for off-site park space. Requirements for payment of park mitigation fees for residential, non-subdivision project may be offset or reduced based on the amount of on-site open space and recreational amenities provided on-site. As such, the potential impacts regarding parks for either the Original Project or Modified Project would be less than significant, and the Modified Project would not result in new significant effects or a substantial increase in the severity of a significant environmental impact compared to the Original Project, as both would be less than significant.

Cumulative Impacts

As stated in the MND, development of the Original Project would not result in a significant cumulative environmental impact with respect to parkland and public recreation facilities in conjunction with the identified related projects. As the Modified Project proposes a similar mixed-use development on the same urban infill property, would comply with the developer park mitigation fees and regulatory compliance measures set forth above, and would only slightly increase the population residing at the Project Site, the Modified Project would similarly not result in a significant cumulative impact regarding parkland and public recreation facilities.

e. Less Than Significant Impact.

Original Project Analysis: The MND determines that the Project Site would be served by the Los Angeles Public Library (LAPL) including the Lincoln Heights Branch Library located 0.5 miles south of the Project Site, and the Cypress Park Branch Library located approximately one (1) mile northwest of the Project Site. The Original Project analysis anticipated the existing libraries within the area would be able to meet the demands for library services. Therefore, the MND concludes that environmental impacts related to library services would be less than significant.

Modified Project Analysis: The Modified Project would redevelop the infill property with residential and commercial uses. Existing LAPL facilities in the vicinity of the Project Site include the Lincoln Heights Branch Library and the Cypress Park Branch Library. The provision of 468 residential units within a previously developed property in the Northeast Los Angeles Community Plan Area would not substantially

increase demand for existing library services that would necessitate the construction of new or physically expanded LAPL facilities, which could result in significant environmental impacts. Therefore, the Modified Project's environmental impacts regarding library services would be less than significant.

Comparison and Addendum Conclusion: The Original Project and Modified Project would both be served by existing LAPL facilities in the vicinity. The Modified Project would develop 96 more residential apartment units than the Original Project, which would not substantially increase demand for library services and no construction of new or expanded library facilities would be required. As such, the potential impacts regarding the demand for library facilities for either the Original Project or Modified Project would be less than significant, and the Modified Project would not result in new significant effects or a substantial increase in the severity of a significant environmental impact compared to the Original Project, as both would be less than significant.

Cumulative Impacts

As stated in the MND, development of the Original Project would not result in a significant cumulative environmental impact with respect to library services in conjunction with the identified related projects. As the Modified Project proposes a similar mixed-use development on the same urban infill property, and would only slightly increase the population residing at the Project Site, the Modified Project would similarly not result in a significant cumulative impact regarding library services.

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
XV. RECREATION.				
a. Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?	☐	☐	☒	☐
b. Does the project include recreational facilities or require the construction or expansion of recreational facilities, which might have an adverse physical effect on the environment?	☐	☐	☒	☐

Impact Analysis

a, b. Less Than Significant Impact.

Original Project Analysis: The MND determines that the Project Site is located within an urbanized area with over 1,210 acres of parkland and public recreation facilities within a 2-mile radius of the Project Site. The Original Project would provide approximately 39,575 square feet of total common open space and 64,744 square feet of publicly accessible open space on-site, as required by [Q] Condition B.1(e) and B.6(a). In addition, the Original Project would pay park mitigation fees for residential, non-subdivision projects and these fees may be offset or reduced based on the amount of on-site open space and recreational amenities provided on-site. Therefore, the MND stated that impacts related to recreation of the previously proposed project would be less than significant.

Modified Project Analysis: The Modified Project would redevelop the same infill property as the Original Project, which is located in an urbanized area with over 1,210 acres of parkland and public recreation facilities available within a 2-mile radius of the Project Site. Pursuant to Ordinance 179,280, [Q] Conditions, redevelopment of the Project Site would be subject to Design Conditions that specify requirements for provision of onsite open space, including publicly accessible open space. The Modified Project has been designed with 49,125 square feet of common open space and landscaped areas for use by residents, as well as approximately 65,789 square feet of publicly accessible open space and walkways to comply with applicable open space requirements, including [Q] Condition B.6(a) and [Q] Condition B.1(e). In addition, the Modified Project is subject to Ordinance 184,505, which requires the payment of park mitigation fees for residential, non-subdivision projects, which may be offset or reduced based on the amount of on-site open space and recreational amenities provided on-site. As such, the Modified Project's impacts regarding recreation would be less than significant.

Comparison and Addendum Conclusion: The Original Project and Modified Project are both located within the same site, served by existing parkland and public recreation facilities in the vicinity, including facilities that are available within a 2-mile radius of Project Site. The Original Project and the Modified Project would be required to provide open space, including publicly accessible open space within the Project Site pursuant to [Q] Conditions, which would reduce the demand on off-site parklands. As environmental impacts pertaining to recreation for either the Original Project or the Modified Project would

be less than significant, the Modified Project would not result in new significant effects or a substantial increase in the severity of a significant environmental impact compared to the Original Project, as both would be less than significant.

Cumulative Impacts

As stated in the MND, development of the Original Project would not result in a significant cumulative environmental impact with respect to parkland and public recreation facilities in conjunction with the identified related projects. As the Modified Project proposes a similar mixed-use development on the same urban infill property, would comply with the developer park mitigation fees and regulatory compliance measures set forth above, and would only slightly increase the population residing at the Project Site, the Modified Project would similarly not result in a significant cumulative impact regarding parkland and public recreation facilities.

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
XVI. TRANSPORTATION/CIRCULATION.				
Would the project:				
a. Conflict with an applicable plan, ordinance or policy establishing measures of effectiveness for the performance of the circulation system, taking into account all modes of transportation including mass transit and non-motorized travel and relevant components of the circulation system, including but not limited to intersections, streets, highways and freeways, pedestrian and bicycle paths, and mass transit?	☐	☒	☐	☐
b. Conflict with an applicable congestion management program, including, but not limited to level of service standards and travel demand measures, or other standards established by the county congestion management agency for designated roads or highways?	☐	☐	☒	☐
c. Result in a change in air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks?	☐	☐	☐	☒
d. Substantially increase hazards to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?	☐	☒	☐	☐
e. Result in inadequate emergency access?	☐	☐	☒	☐
f. Conflict with adopted policies, plans, or programs regarding public transit, bicycle, or pedestrian facilities, or otherwise decrease the performance or safety of such facilities?	☐	☐	☒	☐

Impact Analysis

The MND included information provided within the Traffic Report[37] prepared by Crain & Associates, dated December 2015, which evaluated impacts associated with redevelopment of the Project Site with 410 residential units and 40,000 square feet of commercial uses, as well as the City of Los Angeles Department of Transportation's approval letter, dated January 28, 2016, regarding the Traffic Report. For this evaluation of the Modified Project, Crain & Associates prepared an update to the Traffic Report,[38] dated June 18, 2019, to reflect the change in residential units and commercial space of the Modified Project. The City of Los Angeles Department of Transportation ("LADOT") provided a letter regarding the update, dated July 11, 2019, indicating concurrence with the findings of the update.

[37] Crain & Associates, Traffic Impact Report for Proposed Avenue 34 & Pasadena Mixed-Use Project, December 2015.
[38] Crain & Associates, Letter to Mr. Wes Pringle Re: Avenue 34 & Pasadena Mixed-Use Project Traffic Impact Analysis Update, June 18, 2019.

a. Less Than Significant With Mitigation.

Original Project Analysis: The MND states that the Project Site is located in a Transit Priority Area as defined by CEQA Sections 21099 and 21064.3, and is within a HQTA, which is a generally walkable transit village or corridor within one half-mile of a well-serviced transit stop or a transit corridor with 15-minute or less service frequency during peak commute hours. Additionally, the MND analyzes existing public transit facilities near the Project Site, including a Metro Gold Line Rail Station and a number of MTA bus routes that are within reasonable walking distance from the Project Site (less than approximately one-quarter mile). Due to the mixed-use nature of the Original Project, and close proximity to neighborhood-serving commercial/retail land uses and regional transit, the VMT resulting from the Original Project would be reduced as compared to the base trip rates for similar stand-alone land uses that are not located in close proximity to transit. The MND also acknowledges that redevelopment of the Project Site would be subject to site-specific requirements for parking and pedestrian access identified in [Q] Conditions A.2 and B.2, respectively, and would be required to comply with the applicable regulations for providing long-term and short-term bicycle parking stalls.

Operations

The Original Project would generate a total of 2,128 daily vehicle trips; including 161 AM peak hour vehicle trips and 199 PM peak hour vehicle trips. A total of ten intersections were evaluated in the traffic analysis for the Original Project. The ten study area intersections were evaluated to determine if the net increase in trips from redevelopment of the Project Site would cause a reduction in the Level of Service ("LOS") based on the conditions that existed in 2015, as well as the projected conditions for 2020, that would exceed the City's significance criteria.

As discussed in the MND, one of the ten study area intersections (Pasadena Avenue/Avenue 26 at Daly Street) would have a potentially significant impact as evaluated based on 2015 conditions, and two of the study area intersections (Pasadena Avenue/Avenue 26 at Daly Street; and Figueroa Street at Avenue 26) would have potentially significant impacts based on projected 2020 conditions. It was concluded that implementing mitigation measures MM-T-1 through MM-T-3, to ensure compliance with the requirements of LADOT; communication to the Planning Department regarding the Original Project; compliance with the Transportation Demand Management ("TDM") Ordinance (No. 167,700); and upgrading the City's Automated Traffic Surveillance and Control ("ATSAC") System, would reduce the potentially significant impacts regarding intersection performance to less than significant with mitigation.

Construction

The Original Project would result in construction-related traffic on area roadways, including the use of haul trucks for disposal of demolition debris and soil export, as well a variety of other construction vehicles. As evaluated in the MND, construction-related traffic would be a fraction of the operational traffic, and implementation of mitigation measures MM-T-4 through MM-T-6, requiring a construction management plan ("CMP"), warning signage, and pedestrian safety measures, respectively, would ensure potential impacts would be less than significant with mitigation.

Modified Project Analysis: The Modified Project would redevelop the same infill property as the Original Project, with similar land uses, although with more residential units and less commercial space. The Modified Project would result in a net increase of approximately 157 trips during the AM peak hour (9 inbound, 148 outbound) and 195 trips during the PM peak hour (145 inbound, 50 outbound) to the adjacent street system, which would be four (4) fewer total peak hour trips in both the A.M. and P.M. peak hours compared to the Original Project. Therefore, the Modified Project's effects on the study area intersections would be slightly reduced but similar to the Original Project's impacts. LADOT, in a letter regarding the

Modified Project, dated July 11, 2019, concluded that the "[R]evised [P]roject would also result in the same significant traffic impacts" as the Original Project.

As such, the mitigation measures identified in the MND (listed below) that would reduce potentially significant traffic impacts of the Original Project to less than significant, would also ensure that the Modified Project's potential impact on the study area intersections would be less than significant with mitigation. LADOT further concurred with this evaluation.

During construction, the mitigation measures identified in the MND addressing temporary construction related effects on traffic and pedestrian facilities would also be applicable to the Modified Project, which would ensure construction-related impacts would be less than significant with mitigation.

Comparison and Addendum Conclusion: The Original Project and Modified Project would redevelop the same site, by removing existing light industrial and warehouse uses and constructing a mixed-use development with multi-family residential and commercial spaces, although the number of residential units would be increased, and the total commercial space would be reduced. As stated above, compared to the Original Project, the Modified Project would generate four fewer vehicle trips during the A.M. peak hour and four fewer vehicle trips in the P.M. peak hour. In accordance with this reduction, LADOT concluded that the Modified Project, without mitigation, would result in the same significant traffic impacts at the same intersections as identified in the Original Project. Accordingly, with implementation of the mitigation measures identified in the MND, the Modified Project's potential impacts would be reduced to less than significant. LADOT concurred with this analysis in its July 11, 2019 communication with the Planning Department regarding the Modified Project.

Additionally, similar construction activities would occur with implementation of either the Original Project or the Modified Project, as they proposed similar uses within the same site. Therefore, the mitigation measures identified in the MND addressing potential construction-related impacts would be applicable to both the Original Project as well as the Modified Project, and would ensure potential impacts would be less than significant after mitigation.

For these reasons, the Modified Project would not result in new significant effects or a substantial increase in the severity of a significant environmental impact compared to the Original Project.

Mitigation Measure:

MM-T-1 Transportation and Traffic:

- In addition to the TDM measures, implementing measure(s) detailed in DOT's communication to the Planning Department (DOT Case No. CEN 15-43306 dated January 28, 2016, attached) shall be complied with.

MM-T-2 Transportation Demand Management (TDM) Program:

- The purpose of a TDM plan is to reduce the use of single occupant vehicles (SOV) by increasing the number of trips by walking, bicycle, carpool, vanpool and transit. A TDM plan should include design features, transportation services, education, and incentives intended to reduce the amount of SOV during commute hours. Through strategic building design and orientation, this project can facilitate access to transit, can provide a pedestrian-friendly environment, can promote non-automobile travel and can support the goals of a trip-reduction program.

- A preliminary TDM program shall be prepared and provided for DOT review prior to the issuance of the first building permit for this project and a final TDM program approved by DOT is required prior to the issuance of the first certificate of occupancy for the project. The TDM program should include, but not be limited to, the following strategies:
    - Provide an internal Transportation Management Coordination Program with an on-site transportation coordinator;
    - Design the project to ensure a bicycle, transit, and pedestrian friendly environment;
    - Provide unbundled parking that separates the cost of obtaining assigned parking spaces from the cost of purchasing or renting residential units;
    - Accommodate flexible/alternative work schedules and telecommuting programs;
    - A provision requiring compliance with the State Parking Cash-out Law in all leases:
    - Coordinate with DOT to determine if the project location is eligible for future Integrated Mobility Hub (which can include space for a bike share kiosk, and/or parking spaces on-site for car-share vehicles;
    - Provide on-site transit routing and schedule information;
    - Provide a program to discount transit passes for residents/employees possibly through negotiated bulk purchasing passes with transit providers;
    - Provide rideshare matching services;
    - Preferential rideshare loading/unloading or parking location;
    - Contribute to a one-time fixed fee contribution of $75,000 to be deposited into the City's Bicycle Plan Trust Fund to implement bicycle improvements in the vicinity of the project.

In addition to these TDM measures, DOT also recommends that the Applicant explore the implementation of an on-demand van, shuttle or tram service that connects the project employees to off-site transit stops based on the transportation needs of the project employees. Such a service can be included as an additional measure in the TDM program if it is deemed feasible and effective by the applicant.

- The Applicant shall implement a TDM/TMP to reduce the project trip generation by 15 percent. Specifically, the project shall not exceed a driveway trip volume count of 179 trips during the a.m. peak hour and 222 trips during the pm peak hour, at full occupancy. To achieve this peak hour driveway trip volume requirement through implementation of an on-site Transportation Demand Management (TDM) Plan the project shall implement a Trip Monitoring Program (TMP).
- The Applicant shall record a covenant and agreement to annually monitor and submit reports on the progress of the driveway trip reduction plan to DOT. Annual reports shall include a report on the observed trip generation and on the project's mode share. The detailed goals, objectives, terms and strategies of the TDM plan and reporting requirements shall be determined during the preparation of the final. The TDM plan is due prior to the issuance of any temporary or final certificate of occupancy permit for the project. The plan should also identify any appropriate penalties, should the project not achieve compliance with the targeted number of driveway trips within a year of exceeding the limits. The TMP shall continue until such time that the project has shown, for five (5) consecutive years, at a minimum of 85% occupancy, accomplishment of the peak hour driveway trip volume requirement as listed.

MM-T-3 Transportation Systems Management (TSM) Improvements:

- The Applicant shall implement the upgrades, detailed below by LADOT's ATSAC Section, through the B-Permit process. LADOT's ATSAC Section has identified the need to update the existing traffic signal system. Specifically, install one CCTV camera, a new type 2070 controller,

and the necessary infrastructure (including, but not limited to, fiber optic and interconnect) to activate the new installation, at the Pasadena Avenue / Avenue 26 and Daly Street intersection. The video fiber / fiber optic improvements must be guaranteed prior to the issuance of any building permit and complete prior to the issuance of any certificate of occupancy. Temporary certificates of occupancy may be granted in the events of any delay through no fault of the applicant, provided that, in each case, the applicant has demonstrated reasonable efforts and due diligence to the satisfaction of DOT.

MM-T-4 Construction Management Plan:

- A Construction work site traffic control plan shall be submitted to DOT for review and approval prior to the start of any construction work. The plans shall show the location of any roadway or sidewalk closures, traffic detours, haul
- routes, hours of operation, protective devices, warning signs and access to abutting properties. All construction related traffic shall be restricted to off-peak hours.
- All delivery truck loading and unloading shall take place on site or within the boundaries of an approved traffic control plan.

MM-T-5 Transportation and Traffic (Construction):

- The developer shall install appropriate traffic signs around the site to ensure pedestrian and vehicle safety at all times during the construction period.

MM-T-6 Pedestrian Safety During Construction:

- The Applicant shall plan construction and construction staging as to maintain pedestrian access on adjacent sidewalks throughout all construction phases. This requires the applicant to maintain adequate and safe pedestrian protection, including physical separation (including utilization of barriers such as K-Rails or scaffolding, etc.) from work space and vehicular traffic, and overhead protection, due to sidewalk closure or blockage, at all times.
- Should permanent pedestrian routes be unavailable due to construction, safe and accessible temporary pedestrian routes shall be provided adjacent to the project site.
- Covered walkways should be provided where pedestrians are exposed to potential injury from falling objects.
- The Applicant shall keep sidewalk open during construction until only when it is absolutely required to close or block sidewalk for construction and/or construction staging. Sidewalk shall be reopened as soon as reasonably feasible taking construction and construction staging into account.

b. Less Than Significant Impact.

Original Project Analysis: As stated in the MND, the Los Angeles County CMP requires that all CMP monitoring intersections be analyzed where a project would likely add 50 or more trips during the peak hours. In addition, any CMP freeway monitoring segment where a project is expected to add 150 or more trips in any direction during the peak hours is to be analyzed.

The MND determines that the nearest CMP monitoring intersection to the Project Site is at Sunset Boulevard/Alvarado Street, which is three miles southwest of the Project Site. This intersection was not included in the traffic study area due to the distance from the Project Site. However, the previous analysis estimated that the Original Project would generate at most 6 trips during the AM peak hour and 8 trips during the PM peak hour at the intersection of Sunset Boulevard/Alvarado Street, which would not exceed

the threshold of 50 trips for CMP analysis. As such, it was concluded that further CMP intersection analysis was not warranted, and impacts would be less than significant.

The MND also notes that the nearest CMP freeway monitoring segments to the Project Site are the Golden State Freeway at Stadium Way, and the Arroyo Seco Parkway at Pasadena Avenue. The Original Project would add approximately 161 trips during the AM peak hour (29 inbound, 132 outbound) and 199 trips during the PM peak hour (133 inbound, 66 outbound) to the adjacent street system, which would result in less than the CMP analysis threshold of 150 or more trips in any direction. Therefore, it was concluded that no further analysis of CMP freeway monitoring locations was warranted, and that the Original Project would not conflict with the adopted CMP and impacts would be less than significant.

Modified Project Analysis: The Modified Project would redevelop the same infill property as the Original Project. The Modified Project would result in a net increase of approximately 157 trips during the AM peak hour (9 inbound, 148 outbound) and 195 trips during the PM peak hour (145 inbound, 50 outbound) to the adjacent street system, which would be four (4) fewer total peak hour trips in both the A.M. and P.M. peak hours compared to the Original Project. As such, the Modified Project would not cause an increase of 50 peak hour trips at the nearest CMP intersection, and would not exceed 150 new peak hour trips in any one direction on a CMP freeway segment, which would be below thresholds for further CMP analysis. As such, the Modified Project's potential to result in significant impacts due to conflicts with the CMP would be less than significant.

Comparison and Addendum Conclusion: The Modified Project would generate four fewer peak hour trips in both the A.M. and P.M. peak hours than the Original Project. As neither would exceed CMP analysis significance thresholds, the potential to conflict with the CMP would be less than significant for either the Original Project or the Modified Project.

For these reasons, the Modified Project would not result in new significant effects or a substantial increase in the severity of a significant environmental impact compared to the Original Project.

c. No Impact.

Original Project Analysis: The MND concludes that as the Original Project did not include aviation-related uses, or require any modification of flight paths at existing airports, no impact would occur.

Modified Project Analysis: The nearest airport is the San Gabriel Valley Airport (previously named El Monte Airport), which is over 10 miles east of the Project Site. The Modified Project would redevelop the same infill property as the Original Project, and would not include aviation-related uses, or require any modification of flight paths at existing airports. Therefore, no impact would occur.

Comparison and Addendum Conclusion: The Original Project and Modified Project would have no impact regarding air traffic patterns. As such, the Modified Project would not result in new significant effects or a substantial increase in the severity of a significant environmental impact compared to the Original Project.

d. Less Than Significant With Mitigation.

Original Project Analysis: The Original Project would have three access points for vehicles to enter or exit Project Site, including two driveways from Avenue 34 to access the parking garage, and an additional driveway from Pasadena Avenue to access a commercial use loading dock and short-term retail parking spaces. The MND notes that the driveway dimensions and circulation schemes of the Original Project have not been approved. It was therefore concluded that implementation of the previously described mitigation

measure MM-T-1 would reduce potential impacts associated with hazards due to design features or incompatible uses to less than significant.

Modified Project Analysis: The Modified Project would provide a single driveway accessible from Avenue 34 that would extend along the western boundary of the Project Site to access the parking garage entrance/exit. Implementation of the previously described mitigation measure MM-T-1 would ensure that required driveway standards are met, and would reduce potential impacts associated with hazards due to design features or incompatible uses to less than significant.

Comparison and Addendum Conclusion: The Original Project and Modified Project would redevelop the same site with residential and commercial uses, and would have primary access for vehicles from Avenue 34. Implementation of the previously described mitigation measure MM-T-1 would ensure that required driveway standards for either development option are met, and would reduce potential impacts associated with hazards due to design features or incompatible uses to less than significant.

For these reasons, the Modified Project would not result in new significant effects or a substantial increase in the severity of a significant environmental impact compared to the Original Project.

e. Less Than Significant Impact.

Original Project Analysis: The MND notes that the Project Site is not located on or near an adopted emergency response or evaluation plan. Potential temporary lane closures during construction would be coordinated with applicable agencies and would not substantially interfere with emergency access. Redevelopment of the Project Site would be subject to Site Plan Review requirements of the LAFD and LAPD to ensure adequate emergency vehicle access is provided. Therefore, it was concluded that the Original Project would not result in inadequate emergency access and impacts would be less than significant.

Modified Project Analysis: The Modified Project would redevelop the same infill property as the Original Project, which is not located on or near an adopted emergency response or evaluation plan. Potential temporary lane closures during construction would be coordinated with applicable agencies and would not substantially interfere with emergency access. Redevelopment of the Project Site would be subject to Site Plan Review requirements of the LAFD and LAPD to ensure adequate emergency vehicle access is provided. Therefore, the Modified Project would not result in inadequate emergency access and impacts would be less than significant.

Comparison and Addendum Conclusion: The Original Project and Modified Project propose to redevelop the same infill property, by removing existing urban uses and constructing a mixed-use development with multi-family residential and commercial uses. The Project Site is not located within an adopted emergency response or evacuation plan. Redevelopment of the Project Site would be subject to Site Plan Review requirements of the LAFD and LAPD to ensure adequate emergency vehicle access is provided. Therefore, the potential for either the Original Project or Modified Project to result in inadequate emergency access would be less than significant, and the Modified Project would not result in new significant effects or a substantial increase in the severity of a significant environmental impact compared to the Original Project.

f. Less Than Significant Impact.

Original Project Analysis: The MND determines that the Original Project would provide bicycle parking spaces to meet applicable code requirements, and would not permanently interfere with Class I or Class II bikeway systems or pedestrian facilities.

During construction, the pedestrian sidewalk along the west side of Pasadena Avenue could be temporarily closed a various times. However, the pedestrian sidewalk on the east side of Pasadena Avenue would be maintained during construction. It notes that implementation of the previously described mitigation measure MM-T-6 would ensure pedestrian safety and access along the Project Site boundary during construction. The MND concluded that there would be no conflict with any alternative transportation policies, plans, or programs, and thus, impacts would be less than significant.

Modified Project Analysis: The Modified Project would provide long-term and short-term bicycle parking facilities to meet applicable code requirements, and would not permanently interfere with Class I or Class II bikeway systems or pedestrian facilities. The Modified Project would also provide pedestrian walkways within and through the Project Site, including a ground level paseo between the commercial and residential uses. As a mixed-use development on an infill property, in close proximity to public transit facilities, the Modified Project would encourage pedestrian or bicycle travel, and would not conflict with any alternative transportation policies, plans, or programs, and thus, impacts would be less than significant.

Comparison and Addendum Conclusion: The Original Project and the Modified Project would develop a mixed-use project on an infill site, in close proximity to transit stops, which would encourage alternative modes of travel. Additionally, either development would be required to provide bicycle parking facilities to meet applicable codes. Although pedestrian access along the west side of Pasadena Avenue could be temporarily closed during construction, pedestrian access along the east side of Pasadena would be maintained throughout temporary construction activities. The potential for either the Original Project or the Modified Project to conflict with alternative transportation policies, plans, or programs would be less than significant.

For the reasons discussed above, the Modified Project would result in no new significant effects and no substantial increase in the severity of previously identified significant effects as compared to the Previously Approved Project.

Cumulative Impacts

The MND concludes that the Original Project would not contribute to a significant cumulative impact regarding traffic and transportation in combination with the identified related projects. Similar to the Original Project, development of the Modified Project would result in an increase in average daily vehicle trips and peak hour vehicle trips in the Northeast Los Angeles Community Plan area. In total, the Modified Project would result in a net increase of approximately 157 trips during the AM peak hour (9 inbound, 148 outbound) and 195 trips during the PM peak hour (145 inbound, 50 outbound) to the adjacent street system, which would be four (4) fewer total peak hour trips in both the A.M. and P.M. peak hours compared to the Original Project. As discussed in the MND and confirmed in LADOT's July 2019 correspondence regarding the Modified Project, both the Modified Project and the Original Project would cause, without mitigation, the same significant project level impacts at the same two (of ten) study intersections. Given that the Modified Project would not result in an increase in significant impacts, over the Original Project, and that impacts would be reduced to a less than significant level with the implementation of the mitigation measures stated above, and the fact that the more impactful Original Project was determined to have a less than significant cumulative traffic or transportation impact, the Modified Project would not result in a significant cumulative impact on traffic or transportation.

		Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
XVII. UTILITIES AND SERVICE SYSTEMS.					
a.	Would the project exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board?	☐	☐	☒	☐
b.	Would the project require or result in the construction of new water or wastewater treatment facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?	☐	☐	☒	☐
c.	Would the project require or result in the construction of new storm water drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?	☐	☐	☒	☐
d.	Would the project have sufficient water supplies available to serve the project from existing entitlements and resource, or are new or expanded entitlements needed?	☐	☐	☒	☐
e.	Would the project result in a determination by the wastewater treatment provider, which serves or may serve the project, that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?	☐	☐	☒	☐
f.	Would the project be served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs?	☐	☐	☒	☐
g.	Would the project comply with federal, State, and local statutes and regulations related to solid waste?	☐	☐	☒	☐

Impact Analysis

a. Less Than Significant Impact.

Original Project Analysis: According to the MND, wastewater from the Project Site is conveyed via municipal sewage infrastructure maintained by the Los Angeles Bureau of Sanitation to the Hyperion Water Reclamation Plant ("HWRP"), which is a public facility and subject to the State's wastewater treatment requirements. Wastewater from the Original Project would also be treated at the HWRP in accordance with the requirements enforced by the Los Angeles Regional Water Quality Control Board ("LARWQCB"). As such, it was concluded that impacts associated with wastewater treatment requirements would be less than significant.

Modified Project Analysis: The Modified Project's wastewater would also be treated at the HWRP, which is subject to the wastewater treatment requirements enforced by the LARWQCB. Therefore, the Modified Project's potential impacts regarding wastewater treatment requirements would be less than significant.

Comparison and Addendum Conclusion: The Original Project and the Modified Project would both be served by existing sewage infrastructure and treatment facilities that are subject to the wastewater treatment requirements enforced by the LARWQCB. As such, impacts pertaining to wastewater treatment requirements for either would be less than significant, and the Modified Project would not result in new significant effects or a substantial increase in the severity of a significant environmental impact compared to the Original Project, as both would be less than significant.

b. Less Than Significant Impact.

Original Project Analysis:

Water Treatment Facilities

LADWP currently provides water supplies to the existing land uses on the Project Site, and would also serve the Original Project. LADWP owns and operates the Los Angeles Aqueduct Filtration Plant ("LAAFP"), which has the capacity to treat approximately 600 million gallons per day ("mgd"), and treats an average of 450 to 550 mgd. Therefore, the remaining treatment capacity would be approximately 50 to 150 mgd.

The Original Project's net increase in water demand over existing uses would be 53,633 gallons per day ("gpd"), which is significantly below the excess water treatment capacity at LAAFP. As such, no new or expanded water treatment facilities would be needed to serve the Original Project, and impacts regarding water treatment facilities would be less than significant.

Wastewater Treatment Facilities

Wastewater treatment would be provided at the HWRP, which has sufficient excess capacity to treat an additional 175 mgd. The Original Project's net increase in wastewater to be treated at HWRP would be 44,694 gpd, which is far below the excess treatment capacity at the HWRP, and potential impacts associated with wastewater treatment capacity would be less than significant.

Modified Project Analysis:

Water Treatment Facilities

The Modified Project would also be served by existing water infrastructure. As shown in **Table XVII-1, Modified Project Water Demand**, the Modified Project would generate a net increase in water demand of 60,751 gpd over existing conditions.

The net increase in water demand would be a small fraction of one percent (i.e., 0.12 percent) of the LAAFP's excess treatment capacity. Therefore, the Modified Project would not have a significant impact pertaining to water treatment facilities.

Wastewater Treatment Facilities

The Modified Project would also be served by existing wastewater infrastructure. As shown in **Table XVII-2, Modified Project Wastewater Generation**, the Modified Project would generate a net increase in wastewater generation of 50,626 gpd.

Table XVII-1
Modified Project Water Demand

Land Use	Size	Water Demand Rate (gpd/unit)	Water Demand (gpd)
Modified Project			
Residential Units			
Studio	205 du	96 gpd/du	19,680
One Bedroom	170 du	144 gpd/du	24,480
Two Bedroom	93 du	192 gpd/du	17,856
Commercial			
Retail	16,395 sf	0.096 gpd/sf	1,574
		Total Water Demand	63,590
Existing Use			
Industrial	118,284 sf	0.024 gpd/sf	2,839
		Net Increase Water Demand	**60,751**
Source: LA CEQA Thresholds Guide (2006), Exhibit M.2-12, Consumption Rates based on 120% of the City of Los Angeles Department of Public Works, Bureau of Sanitation Sewer Generation Rates Table, March 20, 2002.			

Table XVII-2
Modified Project Wastewater Generation

Land Use	Size	Water Demand Rate (gpd/unit)	Water Demand (gpd)
Modified Project			
Residential Units			
Studio	205 du	80 gpd/du	16,400
One Bedroom	170 du	120 gpd/du	20,400
Two Bedroom	93 du	160 gpd/du	14,880
Commercial			
Retail	16,395 sf	0.08 gpd/sf	1,312
		Total Proposed Wastewater Generation	52,992
Existing Use (to be eliminated)			
Industrial	118,284 sf	0.02 gpd/sf	2,366
		Net Increase in Wastewater Generation	**50,626**
Source: LA CEQA Thresholds Guide (2006), Exhibit M.2-12.			

The net increase in wastewater generation resulting from the Modified Project would be a small fraction of one percent (i.e., 0.03 percent) of the HWRP's remaining capacity of 175 mgd. The HWRP would have adequate capacity to serve the Project Site and therefore, the Modified Project's potential impacts regarding wastewater treatment capacity would be less than significant.

Comparison and Addendum Conclusion: The Original Project and the Modified Project would both be served by existing water and wastewater treatment facilities, which maintain adequate excess capacity to accommodate additional development in the City. As such, impacts pertaining to water and wastewater treatment capacity for the Original Project or the Modified Project would be less than significant, and the

Modified Project would not result in new significant effects or a substantial increase in the severity of a significant environmental impact compared to the Original Project, as both would be less than significant.

c. Less Than Significant Impact.

Original Project Analysis: As described in Question IX(e), the Original Project would not result in significant increase in site runoff or any changes to the local drainage pattern. The Original Project would be required to comply with the LID Plan, [Q] Conditions 13-17, and applicable BMPs regarding stormwater management on the Project Site. As such, the MND concluded that the storm water drainage facilities of the Project would be less than significant.

Modified Project Analysis: The Modified Project would also adhere to the City's SUSMP and LID ordinances regarding stormwater management, [Q] Conditions 13 through 17 and all applicable regulations related to storm water facilities. Through compliance with stormwater management regulations, the Modified Project would not result in the need to construct new or expanded stormwater drainage facilities. Therefore, the Modified Project will not have a significant impact pertaining to storm water requirements.

Comparison and Addendum Conclusion: The Project Site is currently occupied with existing structures and parking lots that create a nearly 100 percent impervious surface on the Project Site, which conveys stormwater runoff to existing stormdrains offsite. The Original Project and the Modified Project would both remove the existing uses and redevelop the Project Site with residential and commercial uses. Redevelopment of the Project Site would be required to comply with applicable regulations regarding stormwater management, including the LID Ordinance. As such, impacts pertaining to storm water drainage facilities for either would be less than significant, and the Modified Project would not result in new significant effects or a substantial increase in the severity of a significant environmental impact compared to the Original Project, as both would be less than significant.

d. Less Than Significant Impact.

Original Project Analysis: LADWP currently provides water supplies for the existing uses on the Project Site, and would continue to provide water supplies to Original Project if constructed. The LADWP 2015 Urban Water Management Plan ("UWMP") projects that future water demand within its service area in 2040 would be 675,685 acre-feet per year ("AFY"). The Original Project's net increase in water demand would be 53,633 gpd.

The MND concludes that the Original Project would be consistent with allowable land uses and density for the Project Site, and is within the growth projections of the SCAG RTP/SCS, and therefore, the potential to result in substantial environmental impacts regarding water supply would be less than significant.

Additionally, pursuant to LAMC Section 122.03(a), the Original Project would be required to incorporate water saving fixtures. Compliance with the LA Green Building Code and Ordinance No. 270,978, would further reduce potential water demand for the Original Project.

Modified Project Analysis: The Modified Project's demand for water would be 60,751 gpd (approximately 68 AFY), as shown in Table XVII-1. The Modified Project would be consistent with the growth projections of the SCAG RTP/SCS, and would be required to comply with the LA Green Building Code and applicable regulatory compliance measures to reduce water demand. Based on the LADWP UWMP, future water demand for the LADWP in 2040 would be approximately 675,685 AFY, of which the Modified Project's annual demand would represent approximately one-hundredth of a percent (0.01%). LADWP would not

need new or expanded entitlements for water supplies to serve the needs of the Modified Project, and impacts would be less than significant.

Comparison and Addendum Conclusion: The MND concludes that the Original Project would have sufficient water supplies provided by LADWP. The Modified Project would also have sufficient water supplies provided by LADWP. The difference in the estimated water demand between the Original Project and the Modified Project would be approximately 7,118 gpd (7.97 AFY), or approximately one-thousandth of a percent (0.001%) of the LADWP's projected demand for 2040. Redevelopment of the Project Site with either the Original Project or the Modified Project would be required to comply with applicable regulations for incorporation of water-conserving fixtures and landscape irrigation features to reduce water demand.

As such, impacts pertaining to water supplies for either would have less than significant impacts on the environment, and the Modified Project would not result in new significant effects or a substantial increase in the severity of a significant environmental impact compared to the Original Project, as both would be less than significant.

e. Less Than Significant Impact.

Original Project Analysis: As evaluated in Section XVII(b), the HWRP has sufficient capacity to treat the increase in wastewater generated by Original Project. Therefore, impacts related to wastewater capacity would be less than significant.

Modified Project Analysis: As evaluated in Section XVII(b), the net increase in wastewater generation resulting from the Modified Project would be 50,626 gpd, or 0.051 mgd, which is a small fraction of one percent (i.e., 0.03 percent) of the HWRP's remaining capacity of 175 mgd. The HWRP would have adequate capacity to serve the Modified Project and therefore, potential impacts associated with wastewater treatment capacity would be less than significant.

Comparison and Addendum Conclusion: As it has been demonstrated that the existing wastewater treatment facility that serves the Project Site would have sufficient wastewater treatment capacity to accommodate either the Original Project or the Modified Project, potential impacts would be less than significant for either.

The Modified Project would not result in new significant effects, or a substantial increase in the severity of a significant environmental impact compared to the Original Project, as both would be less than significant.

f. Less Than Significant Impact.

Original Project Analysis: The MND determines the Project Site would be served by existing landfills, including Sunshine Canyon Landfill. The Original Project would comply with all applicable regulations regarding solid waste policies and objectives. The MND reported that [Q] Condition C.10 provides general requirements for recycling and proper disposal of solid waste, during construction. Additionally, [Q] Condition C.23 requires recycling bins to be provided within the Project Site at appropriate locations. State Law requires diversion of at least 50 percent of demolition and construction waste for recycling.

According to the MND, the Original Project would generate approximately 9,726 tons of debris during construction and demolition, not including recycling. Pursuant to AB 939, all construction and demolition waste would be delivered to a certified construction and demolition waste processing facility. The Original Project's net operational solid waste generation would be approximately 2,936 pounds per day (about 1.5 tons). The MND concludes that the Original Project's solid waste generation during construction and

operations would be within the available capacities at area landfills, and impacts regarding landfill capacity would be less than significant.

In addition to determining that impacts regarding landfill capacity would be less than significant, the MND also indicated that the less-than-significant landfill impacts would be further reduced regulatory compliance measures applicable to the Project Site, including [Q] Conditions C.10 and C.23, described above, as well as LAMC Section 99.04.408 as follows:

(Construction Waste Recycling): In accordance with LAMC Section 99.04.408, the Proposed Project would reduce construction waste by at least 50 percent. In compliance with the LAMC Section 66.32, the General Contractor shall utilize solid waste haulers, contractors, and recyclers who have obtained an Assembly Bill (AB) 939 Compliance Permit from the City of Los Angeles Bureau of Sanitation.

Modified Project Analysis: The Modified Project would be served by existing landfills, including Sunshine Canyon Landfill, which is closest to the Project Site. Solid waste generated within the City is recycled, reused, transformed at a waste-to-energy facility, or disposed of at a landfill. Sunshine Canyon Landfill is permitted to receive up to 12,100 tons per day ("tpd"), and in 2017 received a daily average of 6,469 tpd, and has an estimated closure date in 2037.[39] Based on the average daily throughput, Sunshine Canyon Landfill has an excess daily capacity of 6,404 tpd for additional waste.

Construction

During construction, the Modified Project would generate 9,447 tons of demolition and construction solid waste, which after diversion of 50 percent for recycling as required by California Green Building Standards Code (Sections 4.408 and 5.408) and the LAMC (Section 99.04.408.1, Construction and Demolition), would result in disposal of a total of approximately 4,724 tons of waste at landfills during construction activities as shown in **Table XVII-3, Demolition and Construction Solid Waste Generation**. The demolition debris tonnage was estimated to be approximately 6,000 tons for the evaluation of the Modified Project,[40] which would result in a lower overall disposal amount than reported in Table XVII-3. However, for a conservative analysis of solid waste impacts, this evaluation includes the amount of demolition debris estimated by the MND, which was 8,277 tons.

As the average daily disposal tonnage at Sunshine Canyon Landfill is 6,404 tpd less than the permitted daily input, the Modified Project's disposal of 4,724 tons of demolition and construction solid waste would be less than the excess daily permitted capacity of the Sunshine Canyon Landfill. As such, the existing landfill would have adequate capacity for disposal of the Modified Project's construction and demolition debris, and potential impacts to landfill facilities during construction activities would be less than significant.

Operation

During operations, the Modified Project would generate a net increase of 4,045 pounds per day of municipal solid waste, of which 50 percent would be diverted for recycling, resulting in a net increase of 2,023 pounds of solid waste (about 1 ton) per day to be disposed of at landfills as shown in **Table XVII-4, Operational Solid Waste Generation**. As the Sunshine Canyon Landfill has excess daily input capacity of 6,404 tpd based on daily input tonnage, the Modified Project's net increase in daily disposal would represent less than 0.02 percent of the landfill's excess daily capacity. As there is adequate landfill capacity to accommodate

[39] County of Los Angeles Department of Public Works, Countywide Integrated Waste Management Plan 2017 Annual Report, April 2019, Appendix E-2, Table 1.
[40] Choi, Michael, Kimley-Horn, Email correspondence with Envicom Corporation, September 9, 2019.

the net increase in solid waste disposal associated with the Modified Project, operational waste would not exceed the daily permitted capacity of the Sunshine Canyon Landfill, and potential landfill capacity impacts would be less than significant.

Table XVII-3
Demolition and Construction Solid Waste Generation

Type of Use	Size	Generation Rate [a]	Total Waste (pounds)	Total Waste (tons)
Demolition				
Industrial Buildings				8,277 [c]
Construction				
Multi-family Residential	519,829 sf	4.38 lbs/sf	2,276,851	1,138
Commercial	16,395 sf	3.89 lbs/sf	63,777	32
Total Construction and Demolition (C&D) Waste Generation				**9,447**
Diversion of 50% for Recycling [b]				4,724
Total C&D Waste for Landfill Disposal				**4,724**

[a] United States Environmental Protection Agency (US EPA), Characterization of Building Related Construction and Demolition Debris in the United States, July 1998.
[b] Required by LAMC, Sections 99.04.408.1 and 66.32.
[c] Source: City of Los Angeles Department of City Planning, Initial Study Mitigated Negative Declaration Avenue 34 Project, February 13, 2017. Table III-37 (Appendix B)

Table XVII-4
Operational Solid Waste Generation

Type of Use	Size	Generation Rate [a]	Total Waste (lbs/day)
Modified Project			
Multi-family Residential	468 du	12.23 lbs/du/day	5,724
Commercial	28 employees [b]	10.53/lbs/employee/day	295
Total			**6,019**
Existing Uses (to be eliminated)			
Industrial	221 employees	8.93/lbs/employee/day	1,974
Net Increase in Solid Waste Generation			**4,045**
Diversion of 50% for Recycling [c]			2,023
Total Solid Waste for Landfill Disposal			**2,023**

[a] City of Los Angeles. L.A. CEQA Thresholds Guide. 2006. p. M 3-2.
[b] Consistent with the MND (Table III-38), employees are projected based on 1 employee per 588 square feet of neighborhood retail/commercial space.
[c] Required by LAMC, Section 99.04.408.1 and 66.32.

Comparison and Addendum Conclusion: The Original Project and the Modified Project would both be served by existing landfills in the area, including Sunshine Canyon Landfill. During construction, the estimated construction and demolition debris to be generated from development of the Modified Project

would be approximately 279 tons less than the Original Project. The amount of construction and demolition debris to be disposed of at landfills would be reduced for either development option, by mandatory diversion of recyclables.

During operations, the Modified Project would generate approximately 1,109 pounds per day (about 0.55 tons) of municipal solid waste more than the Original Project. As the Modified Project or the Original Project would not exceed the daily permitted capacity of Sunshine Canyon Landfill, potential impacts for either regarding landfill capacity would be less than significant.

For these reasons, the Modified Project would not result in new significant effects or a substantial increase in the severity of a significant environmental impact compared to the Original Project, as both would be less than significant.

g. Less Than Significant Impact.

Original Project Analysis: The MND concludes that the Original Project would generate solid waste typical of a residential mixed-use building with ground-floor retail and would comply with all federal, state and local regulations regarding proper solid waste disposal. As such, it was concluded that the Original Project shall comply with all applicable solid waste regulations and would have a less than significant impact.

Modified Project Analysis: The Modified Project would replace existing light industrial and warehouse uses from the Project Site and construct a mixed-use project with residential and commercial land uses, which would generate municipal solid waste typical of such developments. As such, the Modified Project's solid waste generation would be anticipated to comply with applicable regulations regarding disposal, and potential impacts would be less than significant.

Comparison and Addendum Conclusion: The Original Project and the Modified Project would both replace existing light industrial and warehouse uses from the Project Site, and develop residential and commercial uses that would generate typical municipal solid waste that would comply with all applicable federal, State and local regulations for disposal. Potential impacts pertaining to solid waste regulations for either of the mixed-use development options on the Project Site would be less than significant, and the Modified Project would not result in new significant effects or a substantial increase in the severity of a significant environmental impact compared to the Original Project, as both would be less than significant.

Cumulative Impacts

The MND concludes that the Original Project would not cause significant cumulative impacts on utilities and service systems in conjunction with the identified related projects. With respect to potential significant cumulative impacts due to an increase in demand for water, stormwater treatment services, wastewater treatment services, and solid waste disposal services between the Original Project and the Modified Project, as discussed above, the small increase in demand would be well-accounted for within the preexisting and planned capacities of the relevant utility and service systems in conjunction with the related projects. Accordingly, the Modified Project would not lead to a significant cumulative impact on utilities and service systems.

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
XVIII. MANDATORY FINDINGS OF SIGNIFICANCE.				
a. Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?	☐	☒	☐	☐
b. Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of an individual project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects).	☐	☐	☒	☐
c. Does the project have environmental effects that cause substantial adverse effects on human beings, either directly or indirectly?	☐	☒	☐	☐

Impact Analysis

a. Less Than Significant Impact With Mitigation.

Original Project Analysis: The Original Project is located within a densely populated urban area and would have a less than significant impact regarding biological and cultural resources with adherence to regulatory compliance. As discussed in Section IV above, with implementation of mitigation measures regarding tree removal permitting and offsets, and nesting bird surveys during construction, potential impacts regarding biological resources would be reduced to less than significant with mitigation. In addition, as discussed in Section V above, adherence to regulatory compliance measures would ensure potential impacts to unknown cultural resources during construction activities would be less than significant.

Modified Project Analysis: The Modified Project would redevelop the same property as the Original Project, which as stated above, is located within a densely populated urban area. The Project Site is currently fenced and is fully developed with existing structures and paving, and does not represent substantial habitat for fish or wildlife species. There are no known cultural resources on the Project Site that would represent an important example of a major period of California history or prehistory. As evaluated above in Section IV and Section V, the Modified Project's potential to impact biological or cultural resources would be less than significant with adherence to the identified mitigation measures and regulatory compliance measures described in this document. Therefore, the Modified Project's potential impacts to the quality of the environment, fish or wildlife species, or cultural resources would be less than significant with mitigation.

Comparison and Addendum Conclusion: The Original Project and the Modified Project would be located on the same site, which is currently developed and is located in an urbanized area in the City. As discussed in Section IV, Biological Resources and Section V, Cultural Resources, potential impacts to biological resources and cultural resources would be less than significant with implementation of mitigation measures and regulatory compliance measures, respectively. As such the Modified Project's potential to degrade the quality of the environment, or reduce or threaten any fish or wildlife species, or eliminate important examples of the major periods of California history or prehistory would be less than significant with mitigation and regulatory compliance measures.

For these reasons, the Modified Project would not result in new significant effects or a substantial increase in the severity of a significant environmental impact compared to the Original Project, as neither would be significant after implementation of previously identified mitigation and compliance measures.

b. Less Than Significant Impact.

Original Project Analysis: The MND determines that the Original Project's incremental contribution to cumulative environmental impacts would be less than significant.

Modified Project Analysis: As evaluated above, the Modified Project would not result in new significant effects or a substantial increase in the severity of a significant environmental impact compared to the Original Project. As the Original Project's incremental contributions to cumulative environmental impacts would be less than significant, the Modified Project's incremental contribution to cumulative environmental impacts would likewise be less than significant, as there would be no new significant impacts or substantial increase in the severity of significant impacts.

Comparison and Addendum Conclusion: The Modified Project would result in an increase in the number of residential apartment units to be developed on the Project Site from 372 to 468 units, and a reduction in the amount of commercial space to be developed from 40,000 square feet to 16,395 square feet. As the Original Project and the Modified Project's incremental contribution to cumulative environmental impacts would be less than significant, as there would be no new significant impacts or substantial increase in the severity of significant impacts of the Modified Project compared to the Original Project. The Modified Project would not result in new significant effects or a substantial increase in the severity of a significant environmental impact compared to the Original Project.

c. Less Than Significant Impact With Mitigation.

Original Project Analysis: The Original Project would not have any significant impact on human beings directly or indirectly. The previous analysis also indicated that a freeway adjacent health risk assessment concluded acute and chronic health hazard indices for the Original Project would be less than the SCAQMD recommended threshold of 1.0. The MND also notes that applicable regulations, including Ordinance No.184,245, and [Q] Condition C.7 would require use of MERV 13 filtration for redevelopment on the Project Site, which is within 1,000 feet of a freeway.

As discussed in the Original Project analysis, the project would not result in any significant impacts to air quality with the installation of MERV 13 filtration and applicable regulatory compliance including Environmental [Q] Condition No. 7. All potentially significant impacts upon human beings would be less than significant or less than significant with identified mitigation measures and/or required regulatory compliance measures.

Modified Project Analysis: As evaluated above, all potential environmental impacts of the Modified Project would be less than significant, or less than significant with the identified mitigation measures and/or required regulatory compliance measures. Therefore, the Modified Project would not have the potential to result in substantial adverse impacts on human beings either directly or indirectly.

Comparison and Addendum Conclusion: The Original Project and the Modified Project would both develop similar land uses within the same site. Potential environmental impacts would be less than significant, or less than significant with implementation of the same mitigation measures and/or regulatory compliance measures. Therefore, the Original Project or the Modified Project would not result in substantial adverse impacts on human beings either directly or indirectly. As such, the Modified Project would not result in new significant effects or a substantial increase in the severity of a significant environmental impact compared to the Original Project, as both would be less than significant with all mitigation incorporated.

C. ADDENDUM CONCLUSION

The Modified Project would be similar to the Original Project, as it would redevelop the 5.03-acre infill site, which is located within a Transit Priority Area, by replacing existing light industrial and warehouse uses with mixed-use residential and commercial use projects, with subterranean parking.

The primary differences between the Modified Project and the Original Project is that it would provide 468 residential units rather than 372 units, and would provide 16,395 square feet of commercial space rather than 40,000 square feet. All commercial space provided by the Modified Project would be intended for neighborhood retail/restaurant use, whereas the Original Project's commercial space would include areas for creative office use. The Modified Project would consist of three buildings, while the Original Project would have five buildings. Additionally, the Modified Project's subterranean parking would consist of two levels beneath the western and central portions of the Project Site, while the Original Project's subterranean parking would be one level below the majority of the Project Site.

As such, potential impacts associated with the specific Project Site conditions, location, construction methods, and land use (i.e., biological or cultural resources, geology/soils, hazards, construction noise) would be similar to that evaluated in the MND. Potential impacts associated with the proposed number of residential units, amount of commercial space, and/or population (i.e. air quality and greenhouse gas emissions, population/housing, public services, traffic, utilities) would be similar in significance as impacts evaluated in the MND, although with incremental differences resulting from the difference in development densities. Further, as demonstrated in the analysis, no substantial changes have occurred with respect to the circumstances under which the project is undertaken. The proposed Project Site remains without significant changes since analysis of the MND.

As demonstrated by the analysis herein, the impacts associated with the Modified Project would not result in any new or substantially increased significant impacts (CEQA Guidelines 15162) as compared to those of the Original Project addressed in the MND. All potentially significant environmental impacts would be less than significant or reduced to less than significant by compliance with codified regulatory compliance measures and/or implementation of the mitigation measures specified in the MND.

IV. REFERENCES

California Public Resources Code, Division 13. Environmental Quality, Section 21000 et seq., California Environmental Quality Act (CEQA).

California Code of Regulations, Title 14, Guidelines for the Implementation of the California Environmental Quality Act, Section 15000 et seq., (State CEQA Guidelines).

California Department of Conservation. 2017. State of California Williamson Act Contract Land.

California Environmental Protection Agency, Cortese List Data Resources, Accessed at https://calepa.ca.gov/sitecleanup/corteselist/ on October 2, 2019.

California Natural Resources Agency. 2016. Department of Conservation, Division of Land Resource Protection, Farmland Mapping and Monitoring Program. Los Angeles County Important Farmland.

Choi, Michael, Kimley-Horn, Email correspondence with Envicom Corporation, September 9, 2019.

City of Los Angeles Department of City Planning, Environmental and Public Facilities Maps: Vertebrate Paleontological Resources in the City of Los Angeles, September 1996.

City of Los Angeles Department of City Planning, Initial Study Mitigated Negative Declaration Avenue 34 Project, February 13, 2017.

City of Los Angeles Department of City Planning, Safety Element of the Los Angeles City General Plan, Exhibit C: Landslide Inventory & Hillside Areas In the City of Los Angeles, June 1994.

City of Los Angeles Department of City Planning, Zone Information and Map Access System (ZIMAS), Accessed at http://zimas.lacity.org/ on October 22, 2019.

City of Los Angeles, Planning and Land Development Handbook for Low Impact Development (LID), Part B Planning Activities, 5th Edition, May 9, 2016.

Crain & Associates, Letter to Mr. Wes Pringle RE: Avenue 34 & Pasadena Mixed-Use Project Traffic Impact Analysis Update, June 18, 2019.

Crain & Associates, Traffic Impact Report for Proposed Avenue 34 & Pasadena Mixed-Use Project, December 2015.

County of Los Angeles Department of Public Works, Countywide Integrated Waste Management Plan 2017 Annual Report, April 2019, Appendix E-2, Table 1.

Fulcrum Resources Environmental, Phase I Environmental Site Assessment 135, 141, & 153 West Avenue 34, and 3401, & 3433 Pasadena Avenue Los Angeles, California 90031, July 19, 2019.

LAFD, Find Your Station, Accessed at https://www.lafd.org/fire-stations/station-results on September 27, 2019.

Los Angeles Department of City Planning Demographics Research Unit, 2017 Northeast Los Angeles Demographic Profile, August 6, 2019.

Los Angeles Police Department, Community Police Station Address Look Up, Accessed at http://lapdonline.org/inside_the_lapd/content_basic_view/41960/Central+Bureau/Northeast/11A89/1189/1569625160 on September 27, 2019.

Los Angeles Police Department, Hollenbeck Community Police Station, Basic Car Map of Hollenbeck Area, Accessed at http://www.lapdonline.org/hollenbeck_community_police_station on October 22, 2019.

Los Angeles Unified School District, School Facilities Needs Analysis for Los Angeles Unified School District, September 2012.

Los Angeles Unified School District, School Fee Justification Study, September 2002.

Orswell & Kasman. Inc., Phase I Environmental Site Assessment Update Report, Multi-Tenant Commercial Property 135, 141, & 153 West Avenue 34 and 3401 & 3433 Pasadena Avenue, Los Angeles California 90031, April 28, 2015.

SCAQMD CEQA Air Quality Significance Thresholds. Revision March 2015.

Southern California Association of Governments, 2016-2040 Regional Transportation Plan/ Sustainable Communities Strategy, Adopted April 7, 2016.

United States Environmental Protection Agency (US EPA), Characterization of Building Related Construction and Demolition Debris in the United States, July 1998.

U.S. Green Building Council (USGBC), Building Area Per Employee by Business Type, May 13, 2008. Accessed at https://www.usgbc.org/drupal/legacy/usgbc/docs/Archive/General/Docs4111.pdf on October 21, 2019.

APPENDIX A
MND

City of Los Angeles

Department of City Planning

City Hall • 200 N. Spring Street, Room 621 • Los Angeles, CA 90012

INITIAL STUDY
MITIGATED NEGATIVE DECLARATION
Northeast Los Angeles Community Plan Area

DOCUMENT FILED
City Clerk's Office

No: N6-17-020-PL

Certified by MAV

Date: 2/13/17

Avenue 34 Project

ZA-2016-272-ZAA-SPR-CLQ
ENV-2016-273-MND

Project Location: 3401-3437 N. Pasadena Avenue and 123-167 W. Avenue 34, Los Angeles, CA 90031
Council District: 1 – Gilbert Cedillo

Project Description: The Project involves the demolition of an 86,712 square-foot warehouse building, a 4,033 square-foot metal building, and portions of a 24,018 square-foot building and 3,521 square-foot building (constructed circa 1977, 1948, 1967 and 1929, respectively), and the construction of a mixed-use development with 372 residential dwelling units and 40,000 square feet of commercial floor area (comprised of 30,000 square feet of creative office and 10,000 square feet of retail space). The Project would renovate a portion of the existing floor area for creative office space. The Project would also reserve 11% of its base density (approximately 31 dwelling units) as very low income housing and include a ministerial density bonus. The development would include five buildings spanning the property, with approximately 524,600 square feet of floor area and a Floor Area Ratio (FAR) of 2.6:1, below the maximum FAR of 3:1. The proposed buildings would range in height from one to five stories, with a maximum building height of approximately 67 feet above grade, or 75 feet as measured by the Los Angeles Municipal Code (LAMC). The Project would provide a total of 467 on-site parking spaces within one level of subterranean parking and at grade, and a total of 428 on-site bicycle parking stalls. All 39 on-site trees will be removed (all non-protected species); a total of 241 trees are proposed, including roof areas and street trees. No fireplaces or wood stoves are proposed.

The Applicant is requesting the following discretionary approvals: (1) Zoning Administrator's Adjustment to allow a 0-foot southerly side yard in lieu of 8 feet to preserve an existing building with a non-conforming yard; (2) Site Plan Review to permit the construction, use, and maintenance of the Project with more than 50 dwelling units; and (3) Clarification of Q Conditions to clarify Condition A.1.c of Subarea 4 in Ordinance 179,280. The Applicant will also request approvals and permits from the Department of Building and Safety (and other regulatory agencies) for project construction activities which may include, but are not limited to, the following: excavation, shoring, grading, foundation, haul route (for the export of approximately 98,000 cubic yards (cy) of soil), removal and replacement of street trees, and building and tenant improvements for the Project Site.

APPLICANT:	PREPARED BY:	ON BEHALF OF:
ED1125, LLC	Parker Environmental Consultants	The City of Los Angeles Department of City Planning

TABLE OF CONTENTS

Mitigated Negative Declaration Form/CEQA Initial Study Checklist (front insert)

I. INTRODUCTION I-1

II. PROJECT DESCRIPTION II-1

A. PROJECT LOCATION II-1
B. PROJECT CHARACTERISTICS II-11
C. ENTITLEMENT REQUESTS II-35

III. ENVIRONMENTAL IMPACT ANALYSIS III-1

I. AESTHETICS III-1
II. AGRICULTURE AND FORESTRY RESOURCES III-3
III. AIR QUALITY III-5
IV. BIOLOGICAL RESOURCES III-15
V. CULTURAL RESOURCES III-19
VI. GEOLOGY AND SOILS III-23
VII. GREENHOUSE GAS EMISSIONS III-28
VIII. HAZARDS AND HAZARDOUS MATERIALS III-39
IX. HYDROLOGY AND WATER QUALITY III-46
X. LAND USE AND PLANNING III-58
XI. MINERAL RESOURCES III-77
XII. NOISE III-78
XIII. POPULATION AND HOUSING III-95
XIV. PUBLIC SERVICES III-101
XV. RECREATION III-112
XVI. TRANSPORTATION AND TRAFFIC III-114
XVII. UTILITIES AND SERVICE SYSTEMS III-140
XVIII. MANDATORY FINDINGS OF SIGNIFICANCE III-154

IV. PREPARERS OF THE INITIAL STUDY AND PERSONS CONSULTED IV-1

V. REFERENCES, ACRONYMS AND ABBREVIATIONS V-1

List of Figures

Figure II-1: Project Location Map II-2
Figure II-2: Zoning and General Plan Designations II-7
Figure II-3: Aerial Photograph and Photograph Location Map II-8
Figure II-4: Photographs of the Project Site II-9
Figure II-5: Photographs of the Surrounding Land Uses II-10
Figure II-6: Conceptual Site Diagram II-14
Figure II-7: First Level Floor Plan II-15
Figure II-8: Second Level Floor Plan II-16
Figure II-9: Third Level Floor Plan II-17
Figure II-10: Fourth Level Floor Plan II-18
Figure II-11: Fifth Level Floor Plan II-19
Figure II-12: East and South Building Elevations II-20
Figure II-13: North West Building Elevations II-21
Figure II-14: Building Sections II-22
Figure II-15: Illustrative Renderings II-23
Figure II-16: Residential Open Space Plan II-24
Figure II-17: Publicly Accessible Open Space Plan II-25
Figure II-18: Conceptual Landscape Plan II-27
Figure II-19: Related Projects Location Map II-34
Figure III-1: Noise Monitoring and Sensitive Receptor Location Map III-81
Figure III-2: Existing (2015) Traffic Volumes – AM Peak Hour III-120
Figure III-3: Existing (2015) Traffic Volumes – PM Peak Hour III-121
Figure III-4: Existing (2015) Traffic Volumes with Project – AM Peak Hour III-122
Figure III-5: Existing (2015) Traffic Volumes with Project – PM Peak Hour III-123
Figure III-6: Existing (2015) Traffic Volumes with Project with TDM – AM Peak Hour III-124
Figure III-7: Existing (2015) Traffic Volumes with Project with TDM – PM Peak Hour III-125
Figure III-8: Future (2020) Traffic Volumes Without Project – AM Peak Hour III-130
Figure III-9: Future (2020) Traffic Volumes Without Project – PM Peak Hour III-131
Figure III-10: Future (2020) Traffic Volumes with Project – AM Peak Hour III-132

Figure III-11: Future (2020) Traffic Volumes with Project – PM Peak Hour III-133
Figure III-12: Future (2020) Traffic Volumes with Project with TDM – AM Peak Hour III-134
Figure III-13: Future (2020) Traffic Volumes With Project with TDM– PM Peak Hour III-135

List of Tables

Table II-1: Summary of the Project Site II-1
Table II-2: Proposed Development Program II-11
Table II-3: Summary of Required and Proposed Residential Open Space Areas II-24
Table II-4: Summary of Required and Proposed Vehicle Parking Spaces II-28
Table II-5: Summary of Required and Proposed Bicycle Parking Spaces II-29
Table II-6: Related Project List II-33
Table III-1: Estimated Peak Daily Construction Emissions III-8
Table III-2: Existing Daily Operation Emissions from the Project Site III-9
Table III-3: Proposed Project Estimated Daily Operational Emissions III-9
Table III-4: Localized On-Site Peak Daily Construction Emissions III-12
Table III-5: Climate Change Scoping Plan 2020 Emissions Target III-29
Table III-6: Proposed Project Construction-Related Greenhouse Gas Emissions III-33
Table III-7: Existing Project Site Greenhouse Gas Emissions III-33
Table III-8: Proposed Project Operational Greenhouse Gas Emissions III-34
Table III-9: Project Consistency Analysis with Applicable Provisions in the Northeast Los Angeles Community Plan III-68
Table III-10: Existing Ambient Daytime Noise Levels in Project Site Vicinity III-80
Table III-11: Typical Outdoor Construction Noise Levels III-83
Table III-12: Estimated Exterior Construction Noise at Nearest Sensitive Receptors III-85
Table III-13: Vibration Source Levels for Construction Equipment III-87
Table III-14: Estimated Vibration Levels at Nearest Sensitive Receptors III-88
Table III-15: Community Noise Exposure (CNEL) III-89
Table III-16: Projected Intersection Noise Impacts III-92
Table III-17: Cumulative Intersection Noise Impacts III-95
Table III-18: SCAG Population and Housing Projections for the City of Los Angeles, Los Angeles County and the SCAG Region III-98

Table III-19: Projected Cumulative Housing Units III-101
Table III-20: Hollenbeck Area Police Station Crime Statistics III-104
Table III-21: Resident Schools Serving the Project Site III-106
Table III-22: Proposed Project Estimated Student Generation III-106
Table III-23: Projected Cumulative Student Generation III-107
Table III-24: Recreation and Park Facilities within the Project Area III-109
Table III-25: Definition of Significant Impact at Intersection III-115
Table III-26: Project Trip Generation Estimates III-118
Table III-27: Existing (2015) and Existing with Project Condition Level of Service Summary for AM Peak Hour III-119
Table III-28: Existing (2015) and Existing with Project Condition Level of Service Summary for PM Peak Hour III-126
Table III-29: Existing (2015) and Existing with Project Level of Service Summary with Mitigation Traffic Conditions III-126
Table III-30: Future (2020) Condition Level of Service Summary for AM Peak Hour III-129
Table III-31: Future (2020) Condition Level of Service Summary for PM Peak Hour III-129
Table III-32: Future (2020) and Future with Project Level of Service Summary With Mitigation Traffic Conditions III-136
Table III-33: Proposed Project Estimated Water Demand III-142
Table III-34: Proposed Project Estimated Wastewater Generation III-143
Table III-35: Estimated Cumulative Water Demand III-146
Table III-36: Estimated Cumulative Wastewater Generation III-148
Table III-37: Estimated Construction and Demolition Debris III-151
Table III-38: Estimated Operational Solid Waste Generation III-151
Table III-39: Cumulative Operational Solid Waste Generation III-153

CITY OF LOS ANGELES

OFFICE OF THE CITY CLERK
ROOM 395, CITY HALL
LOS ANGELES, CALIFORNIA 90012

CALIFORNIA ENVIRONMENTAL QUALITY ACT
PROPOSED MITIGATED NEGATIVE DECLARATION

LEAD CITY AGENCY: City of Los Angeles		COUNCIL DISTRICT: 1 – Gilbert Cedillo
PROJECT TITLE: Avenue 34 Project	ENVIRONMENTAL CASE: ENV-2016-273-MND	CASE NO. ZA-2016-272-ZAA-SPR-CLQ

PROJECT LOCATION 3401-3437 N. Pasadena Avenue and 123-167 W. Avenue 34, Los Angeles, CA 90031

PROJECT DESCRIPTION: The Project involves the demolition of an 86,712 square-foot warehouse building, a 4,033 square-foot metal building, and portions of a 24,018 square-foot building and 3,521 square-foot building (constructed circa 1977, 1948, 1967 and 1929, respectively), and the construction of a mixed-use development with 372 residential dwelling units and 40,000 square feet of commercial floor area (comprised of 30,000 square feet of creative office and 10,000 square feet of retail space). The Project would renovate a portion of the existing floor area for creative office space. The Project would also reserve 11% of its base density (approximately 31 dwelling units) as very low income housing and include a ministerial density bonus. The development would include five buildings spanning the property, with approximately 524,600 square feet of floor area and an FAR of 2.6:1, below the maximum FAR of 3:1. The proposed buildings would range in height from one to five stories, with a maximum building height of approximately 67 feet above grade (75 feet as measured by LAMC). The Project would provide a total of 467 on-site parking spaces within one level of subterranean parking and at grade, and a total of 428 on-site bicycle parking stalls. All 39 on-site trees will be removed (all non-protected species); a total of 241 trees are proposed, including roof areas and street trees. No fireplaces or wood stoves are proposed.

The Applicant requests the following discretionary approvals: (1) Zoning Administrator's Adjustment to allow a 0-foot southerly side yard in lieu of 8 feet to preserve an existing building with a non-conforming yard; (2) Site Plan Review to permit the construction, use, and maintenance of the Project with more than 50 dwelling units; and (3) Clarification of Q Conditions to clarify Condition A.1.c of Subarea 4 in Ordinance 179,280. The Applicant will also request approvals and permits from the Department of Building and Safety (and other regulatory agencies) for project construction activities which may include, but are not limited to, the following: excavation, shoring, grading, foundation, haul route (for the export of approximately 98,000 cubic yards (cy) of soil), removal and replacement of street trees, and building and tenant improvements for the Project Site.

NAME AND ADDRESS OF APPLICANT IF OTHER THAN CITY AGENCY
ED1125, LLC
Attn: Eric Ortiz
141 W. Avenue 34
Los Angeles, CA 90031

FINDING: The Department of City Planning of the City of Los Angeles has proposed that a Mitigated Negative Declaration be adopted for this Project. The mitigation measures outlined on the attached pages will reduce any potentially significant adverse effects to a level of insignificance.

SEE ATTACHED SHEET(S) FOR ANY MITIGATION MEASURES IMPOSED

Any written comment received during the public review period are attached together with the response of the Lead City Agency. The project decision-maker may adopt the Mitigated Negative Declaration, amend it, or require preparation of an EIR. Any changes made should be supported by substantial evidence in the record and appropriate findings made.

THE INITIAL STUDY PREPARED FOR THIS PROJECT IS ATTACHED.

NAME OF PERSON PREPARING FORM	TITLE	TELEPHONE NUMBER
Michael Sin	Planning Assistant	(213) 978-1345
ADDRESS	**SIGNATURE (Official)**	**DATE**
200 North Spring Street, Room 621 Los Angeles, CA 90012	Michael Sin	MARCH 20, 2017

CITY OF LOS ANGELES

OFFICE OF THE CITY CLERK, ROOM 395, CITY HALL
LOS ANGELES, CALIFORNIA 90012

CALIFORNIA ENVIRONMENTAL QUALITY ACT

INITIAL STUDY and CHECKLIST (CEQA Guidelines Section 15063)

LEAD CITY AGENCY: City of Los Angeles	**COUNCIL DISTRICT:** CD 1	**DATE:**
RESPONSIBLE AGENCIES: Department of City Planning		
ENVIRONMENTAL CASE: ENV-2016-273-MND	**RELATED CASES:** ZA-2016-272- ZAA-SPR-CLQ	
PREVIOUS ACTIONS CASE NO. --	☐ DOES have significant changes from previous actions. ☐ DOES NOT have significant changes from previous actions.	

PROJECT DESCRIPTION: The Project involves the demolition of an 86,712 square-foot warehouse building, a 4,033 square-foot metal building, and portions of a 24,018 square-foot building and 3,521 square-foot building (constructed circa 1977, 1948, 1967 and 1929, respectively), and the construction of a mixed-use development with 372 residential dwelling units and 40,000 square feet of commercial floor area (comprised of 30,000 square feet of creative office and 10,000 square feet of retail space). The Project would renovate a portion of the existing floor area for creative office space. The Project would also reserve 11% of its base density (approximately 31 dwelling units) as very low income housing and include a ministerial density bonus. The development would include five buildings spanning the property, with approximately 524,600 square feet of floor area and an FAR of 2.6:1, below the maximum FAR of 3:1. The proposed buildings would range in height from one to five stories, with a maximum building height of approximately 67 feet above grade (75 feet as measured by LAMC). The Project would provide a total of 467 on-site parking spaces within one level of subterranean parking and at grade, and a total of 428 on-site bicycle parking stalls. All 39 on-site trees will be removed (all non-protected species); a total of 241 trees are proposed, including roof areas and street trees. No fireplaces or wood stoves are proposed.

The Applicant requests the following discretionary approvals: (1) Zoning Administrator's Adjustment to allow a 0-foot southerly side yard in lieu of 8 feet to preserve an existing building with a non-conforming yard; (2) Site Plan Review to permit the construction, use, and maintenance of the Project with more than 50 dwelling units; and (3) Clarification of Q Conditions to clarify Condition A.1.c of Subarea 4 in Ordinance 179,280. The Applicant will also request approvals and permits from the Department of Building and Safety (and other regulatory agencies) for project construction activities which may include, but are not limited to, the following: excavation, shoring, grading, foundation, haul route (for the export of approximately 98,000 cubic yards (cy) of soil), removal and replacement of street trees, and building and tenant improvements for the Project Site.

ENVIRONMENTAL SETTING: The Project Site includes 219,320 square feet of lot area (5.03 acres). The Project Site currently includes four light manufacturing and warehouse buildings with paved surface loading areas and parking. The surrounding properties are developed with multi-family residential, single-family residential, office, commercial, and educational and uses, and a vacant and undeveloped lot to the north of the Project Site. Further details are provided in the expanded IS/MND analysis (attached).

PROJECT LOCATION: 3401-3437 N. Pasadena Avenue and 123-167 W. Avenue 34, Los Angeles, CA 90031			
COMMUNITY PLAN AREA: Northeast Los Angeles **STATUS:** ☐ Preliminary ☒ Does Conform to Plan ☐ Proposed ☐ Does NOT Conform to Plan ☒ Adopted (1999)		**AREA PLANNING COMMISSION:** East Los Angeles	**CERTIFIED NEIGHBORHOOD COUNCIL:** Lincoln Heights
EXISTING ZONING: [T][Q]CM-2D	**MAX DENSITY ZONING:** 3:1	**LA River Adjacent:** No	
GENERAL PLAN LAND USE: Commercial Manufacturing	**MAX. DENSITY PLAN:** 3:1	**PROPOSED PROJECT DENSITY:** 2.61:1 FAR	

Determination (To be completed by Lead Agency)

On the basis of this initial evaluation:

- ☐ I find that the proposed project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.
- ☒ I find that although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because revisions on the project have been made by or agreed to by the project proponent. A MITIGATED NEGATIVE DECLARATION will be prepared.
- ☐ I find the proposed project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.
- ☐ I find the proposed project MAY have a "potentially significant impact" or "potentially significant unless mitigated" impact on the environment, but at least one effect 1) has been adequately analyzed in an earlier document pursuant to applicable legal standards, and 2) has been addressed by mitigation measures based on earlier analysis as described on attached sheets. An ENVIRONMENTAL IMPACT REPORT is required, but it must analyze only the effects that remain to be addressed.
- ☐ I find that although the proposed project could have a significant effect on the environment, because all potentially significant effects (a) have been analyzed adequately in an earlier EIR or NEGATIVE DECLARATION pursuant to applicable standards, and (b) have been avoided or mitigated pursuant to that earlier EIR or NEGATIVE DECLARATION, including revisions or mitigation measures that are imposed upon the proposed project, nothing further is required.

Signature	Planning Assistant Title	213-978-1345 Phone

Evaluation of Environmental Impacts:

1. A brief explanation is required for all answers except "No Impact" answers that are adequately supported by the information sources a lead agency cites in the parentheses following each question. A "No Impact" answer is adequately supported if the referenced information sources show that the impact simply does not apply to projects like the one involved (e.g., the project falls outside a fault rupture zone). A "No Impact" answer should be explained where it is based on project-specific factors as well as general standards (e.g., the project will not expose sensitive receptors to pollutants based on a project-specific screening analysis).
2. All answers must take account of the whole action involved, including off-site as well as on-site, cumulative as well as project-level, indirect as well as direct, and construction as well as operational impacts.
3. Once the lead agency has determined that a particular physical impact may occur, then the checklist answers must indicate whether the impact is potentially significant, less that significant with mitigation, or less than significant. "Potentially Significant Impact" is appropriate if there is substantial evidence that an effect may be significant. If there are one or more "Potentially Significant Impact" entries when the determination is made, an EIR is required.
4. "Negative Declaration: Less Than Significant With Mitigation Incorporated" applies where the incorporation of a mitigation measure has reduced an effect from "Potentially Significant Impact" to "Less Than Significant Impact." The lead agency must describe the mitigation measures, and briefly explain how they reduce the effect to a less than significant level (mitigation measures from "Earlier Analysis," as described in (5) below, may be cross referenced).

5. Earlier analysis must be used where, pursuant to the tiering, program EIR, or other CEQA process, an effect has been adequately analyzed in an earlier EIR, or negative declaration. Section 15063 (c)(3)(D). In this case, a brief discussion should identify the following:
   a. Earlier Analysis Used. Identify and state where they are available for review.
   b. Impacts Adequately Addressed. Identify which effects from the above checklist were within the scope of and adequately analyzed in an earlier document pursuant to applicable legal standards, and state whether such effects were addressed by mitigation measures based on the earlier analysis.
   c. Mitigation Measures. For effects that are "Less Than Significant With Mitigation Measures Incorporated," describe the mitigation measures which were incorporated or refined from the earlier document and the extent to which they address site-specific conditions for the project.
6. Lead agencies are encouraged to incorporate into the checklist references to information sources for potential impacts (e.g., general plans, zoning ordinances). Reference to a previously prepared or outside document should, where appropriate, include a reference to the page or pages where the statement is substantiated
7. Supporting Information Sources: A sources list should be attached, and other sources used or individuals contacted should be cited in the discussion.
8. This is only a suggested form, and lead agencies are free to use different formats; however, lead agencies should normally address the questions from this checklist that are relevant to a project's environmental effects in whichever format is selected.
9. The explanation of each issue should identify:
   a. The significance criteria or threshold, if any, used to evaluate each question; and
   b. The mitigation measure identified, if any, to reduce the impact to less than significant.

Environmental Factors Potentially Affected:

The environmental factors checked below would be potentially affected by this project, involving at least one impact that is a "Potentially Significant Impact" as indicated by the checklist on the following pages.

☐ AESTHETICS	☐ GREENHOUSE GAS EMISSIONS	☐ POPULATION AND HOUSING
☐ AGRICULTURE AND FOREST RESOURCES	☒ HAZARDS AND HAZARDOUS MATERIALS	☒ PUBLIC SERVICES
☐ AIR QUALITY	☐ HYDROLOGY AND WATER QUALITY	☐ RECREATION
☒ BIOLOGICAL RESOURCES	☐ LAND USE AND PLANNING	☒ TRANSPORTATION/CIRCULATION
☐ CULTURAL RESOURCES	☐ MINERAL RESOURCES	☐ UTILITIES
☐ GEOLOGY AND SOILS	☒ NOISE	☒ MANDATORY FINDINGS OF SIGNIFICANCE

INITIAL STUDY CHECKLIST (To be completed by the Lead City Agency)

PROPONENT NAME: ED1125, LLC **PHONE NUMBER:** (310) 242-7305

APPLICANTS ADDRESSES:
ED1125, LLC Attn: Eric Ortiz
141 W. Avenue 34
Los Angeles, CA 90031

AGENCY REQUIRING CHECKLIST: City of Los Angeles Department of City Planning **DATE SUBMITTED:** Nov. 8, 2016

PROPOSAL NAME (If Applicable): Avenue 34 Project

		Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
PLEASE NOTE THAT EACH AND EVERY RESPONSE IN THE CITY OF LOS ANGELES INITIAL STUDY AND CHECKLIST IS SUMMARIZED FROM AND BASED UPON THE ENVIRONMENTAL ANALYSIS CONTAINED IN ATTACHEMENT B, EXPLANATION OF CHECKLIST DETERMINATIONS. PLEASE REFER TO THE APPLICABLE RESPONSE IN ATTACHMENT B FOR A DETAILED DISCUSSION OF CHECKLIST DETERMINATIONS.					
I.	**AESTHETICS**				
a.	HAVE A SUBSTANTIAL ADVERSE EFFECT ON A SCENIC VISTA?	☐	☐	☒	☐
b.	SUBSTANTIALLY DAMAGE SCENIC RESOURCES, INCLUDING, BUT NOT LIMITED TO, TREES, ROCK OUTCROPPINGS, AND HISTORIC BUILDINGS, OR OTHER LOCALLY RECOGNIZED DESIRABLE AESTHETIC NATURAL FEATURE WITHIN A CITY-DESIGNATED SCENIC HIGHWAY?	☐	☐	☒	☐
c.	SUBSTANTIALLY DEGRADE THE EXISTING VISUAL CHARACTER OR QUALITY OF THE SITE AND ITS SURROUNDINGS?	☐	☐	☒	☐
d.	CREATE A NEW SOURCE OF SUBSTANTIAL LIGHT OR GLARE WHICH WOULD ADVERSELY AFFECT DAY OR NIGHTTIME VIEWS IN THE AREA?	☐	☐	☒	☐
II.	**AGRICULTURE AND FOREST RESOURCES**				
a.	CONVERT PRIME FARMLAND, UNIQUE FARMLAND, OR FARMLAND OF STATEWIDE IMPORTANCE, AS SHOWN ON THE MAPS PREPARED PURSUANT TO THE FARMLAND MAPPING AND MONITORING PROGRAM OF THE CALIFORNIA RESOURCES AGENCY, TO NON-AGRICULTURAL USE?	☐	☐	☐	☒
b.	CONFLICT WITH EXISTING ZONING FOR AGRICULTURAL USE, OR A WILLIAMSON ACT CONTRACT?	☐	☐	☐	☒
c.	CONFLICT WITH EXISTING ZONING FOR, OR CAUSE REZONING OF, FOREST LAND (AS DEFINED IN PUBLIC RESOURCES CODE SECTION 1220(G)), TIMBERLAND (AS DEFINED BY PUBLIC RESOURCES CODE SECTION 4526), OR TIMBERLAND ZONED TIMBERLAND PRODUCTION (AS DEFINED BY GOVERNMENT CODE SECTION 51104(G))?	☐	☐	☐	☒
d.	RESULT IN THE LOSS OF FOREST LAND OR CONVERSION OF FOREST LAND TO NON-FOREST USE?	☐	☐	☐	☒
e.	INVOLVE OTHER CHANGES IN THE EXISTING ENVIRONMENT WHICH, DUE TO THEIR LOCATION OR NATURE, COULD RESULT IN CONVERSION OF FARMLAND, TO NON-AGRICULTURAL USE OR CONVERSION OF FOREST LAND TO NON-FOREST USE?	☐	☐	☐	☒
III.	**AIR QUALITY**				
a.	CONFLICT WITH OR OBSTRUCT IMPLEMENTATION OF THE SCAQMD AIR QUALITY MANAGEMENT PLAN OR CONGESTION MANAGEMENT PLAN?	☐	☐	☒	☐
b.	VIOLATE ANY AIR QUALITY STANDARD OR CONTRIBUTE SUBSTANTIALLY TO AN EXISTING OR PROJECTED AIR QUALITY VIOLATION?	☐	☐	☒	☐
c.	RESULT IN A CUMULATIVELY CONSIDERABLE NET INCREASE OF ANY CRITERIA POLLUTANT FOR WHICH THE AIR BASIN IS NON-ATTAINMENT (OZONE, CARBON MONOXIDE, & PM 10) UNDER AN APPLICABLE FEDERAL OR STATE AMBIENT AIR QUALITY STANDARD?	☐	☐	☒	☐
d.	EXPOSE SENSITIVE RECEPTORS TO SUBSTANTIAL POLLUTANT CONCENTRATIONS?	☐	☐	☒	☐
e.	CREATE OBJECTIONABLE ODORS AFFECTING A SUBSTANTIAL NUMBER OF PEOPLE?	☐	☐	☒	☐

		Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
IV.	**BIOLOGICAL RESOURCES**				
a.	HAVE A SUBSTANTIAL ADVERSE EFFECT, EITHER DIRECTLY OR THROUGH HABITAT MODIFICATION, ON ANY SPECIES IDENTIFIED AS A CANDIDATE, SENSITIVE, OR SPECIAL STATUS SPECIES IN LOCAL OR REGIONAL PLANS, POLICIES, OR REGULATIONS BY THE CALIFORNIA DEPARTMENT OF FISH AND GAME OR U.S. FISH AND WILDLIFE SERVICE ?	☐	☒	☐	☐
b.	HAVE A SUBSTANTIAL ADVERSE EFFECT ON ANY RIPARIAN HABITAT OR OTHER SENSITIVE NATURAL COMMUNITY IDENTIFIED IN THE CITY OR REGIONAL PLANS, POLICIES, REGULATIONS BY THE CALIFORNIA DEPARTMENT OF FISH AND GAME OR U.S. FISH AND WILDLIFE SERVICE?	☐	☐	☐	☒
c.	HAVE A SUBSTANTIAL ADVERSE EFFECT ON FEDERALLY PROTECTED WETLANDS AS DEFINED BY SECTION 404 OF THE CLEAN WATER ACT (INCLUDING, BUT NOT LIMITED TO, MARSH VERNAL POOL, COASTAL, ETC.) THROUGH DIRECT REMOVAL, FILLING, HYDROLOGICAL INTERRUPTION, OR OTHER MEANS?	☐	☐	☐	☒
d.	INTERFERE SUBSTANTIALLY WITH THE MOVEMENT OF ANY NATIVE RESIDENT OR MIGRATORY FISH OR WILDLIFE SPECIES OR WITH ESTABLISHED NATIVE RESIDENT OR MIGRATORY WILDLIFE CORRIDORS, OR IMPEDE THE USE OF NATIVE WILDLIFE NURSERY SITES?	☐	☐	☐	☒
e.	CONFLICT WITH ANY LOCAL POLICIES OR ORDINANCES PROTECTING BIOLOGICAL RESOURCES, SUCH AS TREE PRESERVATION POLICY OR ORDINANCE (E.G., OAK TREES OR CALIFORNIA WALNUT WOODLANDS)?	☐	☒	☐	☐
f.	CONFLICT WITH THE PROVISIONS OF AN ADOPTED HABITAT CONSERVATION PLAN, NATURAL COMMUNITY CONSERVATION PLAN, OR OTHER APPROVED LOCAL, REGIONAL, OR STATE HABITAT CONSERVATION PLAN?	☐	☐	☐	☒
V.	**CULTURAL RESOURCES**				
a.	CAUSE A SUBSTANTIAL ADVERSE CHANGE IN SIGNIFICANCE OF A HISTORICAL RESOURCE AS DEFINED IN STATE CEQA SECTION 15064.5?	☐	☐	☒	☐
b.	CAUSE A SUBSTANTIAL ADVERSE CHANGE IN SIGNIFICANCE OF AN ARCHAEOLOGICAL RESOURCE PURSUANT TO STATE CEQA SECTION 15064.5?	☐	☐	☒	☐
c.	DIRECTLY OR INDIRECTLY DESTROY A UNIQUE PALEONTOLOGICAL RESOURCE OR SITE OR UNIQUE GEOLOGIC FEATURE?	☐	☐	☒	☐
d.	DISTURB ANY HUMAN REMAINS, INCLUDING THOSE INTERRED OUTSIDE OF FORMAL CEMETERIES?	☐	☐	☒	☐
e.	CAUSE A SUBSTANTIAL ADVERSE CHANGE IN THE SIGNIFICANCE OF A SITE, FEATURE, PLACE, CULTURAL LANDSCAPE, SACRED PLACE, OR OBJECT WITH CULTURAL VALUES TO A CALIFORNIA NATIVE AMERICAN TRIBE THAT IS LISTED OR DETERMINED ELIGIBLE FOR LISTING ON THE CALIFORNIA REGISTER OF HISTORICAL RESOURCES, LISTED ON A LOCAL HISTORICAL REGISTER, OR OTHERWISE DETERMINED BY THE LEAD AGENCY TO BE A TRIBAL CULTURAL RESOURCE?	☐	☐	☒	☐
VI.	**GEOLOGY AND SOILS**				
a.	EXPOSURE OF PEOPLE OR STRUCTURES TO POTENTIAL SUBSTANTIAL	☐	☐	☒	☐

		Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
	ADVERSE EFFECTS, INCLUDING THE RISK OF LOSS, INJURY OR DEATH INVOLVING: RUPTURE OF A KNOWN EARTHQUAKE FAULT, AS DELINEATED ON THE MOST RECENT ALQUIST-PRIOLO EARTHQUAKE FAULT ZONING MAP ISSUED BY THE STATE GEOLOGIST FOR THE AREA OR BASED ON OTHER SUBSTANTIAL EVIDENCE OF A KNOWN FAULT? REFER TO DIVISION OF MINES AND GEOLOGY SPECIAL PUBLICATION 42.				
b.	STRONG SEISMIC GROUND SHAKING?	❑	❑	☒	❑
c.	SEISMIC-RELATED GROUND FAILURE, INCLUDING LIQUEFACTION?	❑	❑	☒	❑
d.	LANDSLIDES?	❑	❑	❑	☒
e.	RESULT IN SUBSTANTIAL SOIL EROSION OR THE LOSS OF TOPSOIL?	❑	❑	☒	❑
f.	BE LOCATED ON A GEOLOGIC UNIT OR SOIL THAT IS UNSTABLE, OR THAT WOULD BECOME UNSTABLE AS A RESULT OF THE PROJECT, AND POTENTIAL RESULT IN ON- OR OFF-SITE LANDSLIDE, LATERAL SPREADING, SUBSIDENCE, LIQUEFACTION, OR COLLAPSE?	❑	❑	☒	❑
g.	BE LOCATED ON EXPANSIVE SOIL, AS DEFINED IN TABLE 18-1-B OF THE UNIFORM BUILDING CODE (1994), CREATING SUBSTANTIAL RISKS TO LIFE OR PROPERTY?	❑	❑	❑	☒
h.	HAVE SOILS INCAPABLE OF ADEQUATELY SUPPORTING THE USE OF SEPTIC TANKS OR ALTERNATIVE WASTE WATER DISPOSAL SYSTEMS WHERE SEWERS ARE NOT AVAILABLE FOR THE DISPOSAL OF WASTE WATER?	❑	❑	❑	☒
VII.	**GREENHOUSE GAS EMISSIONS**				
a.	GENERATE GREENHOUSE GAS EMISSIONS, EITHER DIRECTLY OR INDIRECTLY, THAT MAY HAVE A SIGNIFICANT IMPACT ON THE ENVIRONMENT?	❑	❑	☒	❑
b.	CONFLICT WITH AN APPLICABLE PLAN, POLICY OR REGULATION ADOPTED FOR THE PURPOSE OF REDUCING THE EMISSIONS OF GREENHOUSE GASES?	❑	❑	☒	❑
III.	**HAZARDS AND HAZARDOUS MATERIALS**				
a.	CREATE A SIGNIFICANT HAZARD TO THE PUBLIC OR THE ENVIRONMENT THROUGH THE ROUTINE TRANSPORT, USE, OR DISPOSAL OF HAZARDOUS MATERIALS	❑	❑	☒	❑
b.	CREATE A SIGNIFICANT HAZARD TO THE PUBLIC OR THE ENVIRONMENT THROUGH REASONABLY FORESEEABLE UPSET AND ACCIDENT CONDITIONS INVOLVING THE RELEASE OF HAZARDOUS MATERIALS INTO THE ENVIRONMENT?	❑	☒	❑	❑
c.	EMIT HAZARDOUS EMISSIONS OR HANDLE HAZARDOUS OR ACUTELY HAZARDOUS MATERIALS, SUBSTANCES, OR WASTE WITHIN ONE-QUARTER MILE OF AN EXISTING OR PROPOSED SCHOOL?	❑	☒	❑	❑
d.	BE LOCATED ON A SITE WHICH IS INCLUDED ON A LIST OF HAZARDOUS MATERIALS SITES COMPILED PURSUANT TO GOVERNMENT CODE SECTION 65962.5 AND, AS A RESULT, WOULD IT CREATE A SIGNIFICANT HAZARD TO THE PUBLIC OR THE ENVIRONMENT?	❑	❑	☒	❑
e.	FOR A PROJECT LOCATED WITHIN AN AIRPORT LAND USE PLAN OR, WHERE SUCH A PLAN HAS NOT BEEN ADOPTED, WITHIN TWO MILES OF A PUBLIC AIRPORT OR PUBLIC USE AIRPORT, WOULD THE PROJECT RESULT IN A SAFETY HAZARD FOR PEOPLE RESIDING OR	❑	❑	❑	☒

		Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
	WORKING IN THE PROJECT AREA?				
f.	FOR A PROJECT WITHIN THE VICINITY OF A PRIVATE AIRSTRIP, WOULD THE PROJECT RESULT IN A SAFETY HAZARD FOR THE PEOPLE RESIDING OR WORKING IN THE AREA?	☐	☐	☐	☒
g.	IMPAIR IMPLEMENTATION OF OR PHYSICALLY INTERFERE WITH AN ADOPTED EMERGENCY RESPONSE PLAN OR EMERGENCY EVACUATION PLAN?	☐	☐	☐	☒
h.	EXPOSE PEOPLE OR STRUCTURES TO A SIGNIFICANT RISK OF LOSS, INJURY OR DEATH INVOLVING WILDLAND FIRES, INCLUDING WHERE WILDLANDS ARE ADJACENT TO URBANIZED AREAS OR WHERE RESIDENCES ARE INTERMIXED WITH WILDLANDS?	☐	☐	☐	☒
IX.	**HYDROLOGY AND WATER QUALITY**				
a.	VIOLATE ANY WATER QUALITY STANDARDS OR WASTE DISCHARGE REQUIREMENTS?	☐	☐	☒	☐
b.	SUBSTANTIALLY DEPLETE GROUNDWATER SUPPLIES OR INTERFERE WITH GROUNDWATER RECHARGE SUCH THAT THERE WOULD BE A NET DEFICIT IN AQUIFER VOLUME OR A LOWERING OF THE LOCAL GROUNDWATER TABLE LEVEL (E.G., THE PRODUCTION RATE OF PRE-EXISTING NEARBY WELLS WOULD DROP TO A LEVEL WHICH WOULD NOT SUPPORT EXISTING LAND USES OR PLANNED LAND USES FOR WHICH PERMITS HAVE BEEN GRANTED)?	☐	☐	☒	☐
c.	SUBSTANTIALLY ALTER THE EXISTING DRAINAGE PATTERN OF THE SITE OR AREA, INCLUDING THROUGH THE ALTERATION OF THE COURSE OF A STREAM OR RIVER, IN A MANNER WHICH WOULD RESULT IN SUBSTANTIAL EROSION OR SILTATION ON- OR OFF-SITE?	☐	☐	☒	☐
d.	SUBSTANTIALLY ALTER THE EXISTING DRAINAGE PATTERN OF THE SITE OR AREA, INCLUDING THROUGH THE ALTERATION OF THE COURSE OF A STREAM OR RIVER, OR SUBSTANTIALLY INCREASE THE RATE OR AMOUNT OF SURFACE RUNOFF IN AN MANNER WHICH WOULD RESULT IN FLOODING ON- OR OFF SITE?	☐	☐	☒	☐
e.	CREATE OR CONTRIBUTE RUNOFF WATER WHICH WOULD EXCEED THE CAPACITY OF EXISTING OR PLANNED STORMWATER DRAINAGE SYSTEMS OR PROVIDE SUBSTANTIAL ADDITIONAL SOURCES OF POLLUTED RUNOFF?	☐	☐	☒	☐
f.	OTHERWISE SUBSTANTIALLY DEGRADE WATER QUALITY?	☐	☐	☐	☒
g.	PLACE HOUSING WITHIN A 100-YEAR FLOOD PLAIN AS MAPPED ON FEDERAL FLOOD HAZARD BOUNDARY OR FLOOD INSURANCE RATE MAP OR OTHER FLOOD HAZARD DELINEATION MAP?	☐	☐	☐	☒
h.	PLACE WITHIN A 100-YEAR FLOOD PLAIN STRUCTURES WHICH WOULD IMPEDE OR REDIRECT FLOOD FLOWS?	☐	☐	☐	☒
i.	EXPOSE PEOPLE OR STRUCTURES TO A SIGNIFICANT RISK OF LOSS, INQUIRY OR DEATH INVOLVING FLOODING, INCLUDING FLOODING AS A RESULT OF THE FAILURE OF A LEVEE OR DAM?	☐	☐	☒	☐
j.	INUNDATION BY SEICHE, TSUNAMI, OR MUDFLOW?	☐	☐	☐	☒
X.	**LAND USE AND PLANNING**				
a.	PHYSICALLY DIVIDE AN ESTABLISHED COMMUNITY?	☐	☐	☐	☒
b.	CONFLICT WITH APPLICABLE LAND USE PLAN, POLICY OR REGULATION OF AN AGENCY WITH JURISDICTION OVER THE	☐	☐	☒	☐

		Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
	PROJECT (INCLUDING BUT NOT LIMITED TO THE GENERAL PLAN, SPECIFIC PLAN, COASTAL PROGRAM, OR ZONING ORDINANCE) ADOPTED FOR THE PURPOSE OF AVOIDING OR MITIGATING AN ENVIRONMENTAL EFFECT?				
c.	CONFLICT WITH ANY APPLICABLE HABITAT CONSERVATION PLAN OR NATURAL COMMUNITY CONSERVATION PLAN?	☐	☐	☐	☒
XI.	**MINERAL RESOURCES**				
a.	RESULT IN THE LOSS OF AVAILABILITY OF A KNOWN MINERAL RESOURCE THAT WOULD BE OF VALUE TO THE REGION AND THE RESIDENTS OF THE STATE?	☐	☐	☐	☒
b.	RESULT IN THE LOSS OF AVAILABILITY OF A LOCALLY-IMPORTANT MINERAL RESOURCE RECOVERY SITE DELINEATED ON A LOCAL GENERAL PLAN, SPECIFIC PLAN, OR OTHER LAND USE PLAN?	☐	☐	☐	☒
XII.	**NOISE**				
a.	EXPOSURE OF PERSONS TO OR GENERATION OF NOISE IN LEVEL IN EXCESS OF STANDARDS ESTABLISHED IN THE LOCAL GENERAL PLAN OR NOISE ORDINANCE, OR APPLICABLE STANDARDS OF OTHER AGENCIES?	☐	☒	☐	☐
b.	EXPOSURE OF PEOPLE TO OR GENERATION OF EXCESSIVE GROUNDBORNE VIBRATION OR GROUNDBORNE NOISE LEVELS?	☐	☒	☐	☐
c.	A SUBSTANTIAL PERMANENT INCREASE IN AMBIENT NOISE LEVELS IN THE PROJECT VICINITY ABOVE LEVELS EXISTING WITHOUT THE PROJECT?	☐	☒	☐	☐
d.	A SUBSTANTIAL TEMPORARY OR PERIODIC INCREASE IN AMBIENT NOISE LEVELS IN THE PROJECT VICINITY ABOVE LEVELS EXISTING WITHOUT THE PROJECT?	☐	☒	☐	☐
e.	FOR A PROJECT LOCATED WITHIN AN AIRPORT LAND USE PLAN OR, WHERE SUCH A PLAN HAS NOT BEEN ADOPTED, WITHIN TWO MILES OF A PUBLIC AIRPORT OR PUBLIC USE AIRPORT, WOULD THE PROJECT EXPOSE PEOPLE RESIDING OR WORKING IN THE PROJECT AREA TO EXCESSIVE NOISE LEVELS?	☐	☐	☐	☒
f.	FOR A PROJECT WITHIN THE VICINITY OF A PRIVATE AIRSTRIP, WOULD THE PROJECT EXPOSE PEOPLE RESIDING OR WORKING IN THE PROJECT AREA TO EXCESSIVE NOISE LEVELS?	☐	☐	☐	☒
XIII.	**POPULATION AND HOUSING**				
a.	INDUCE SUBSTANTIAL POPULATION GROWTH IN AN AREA EITHER DIRECTLY (FOR EXAMPLE, BY PROPOSING NEW HOMES AND BUSINESSES) OR INDIRECTLY (FOR EXAMPLE, THROUGH EXTENSION OF ROADS OR OTHER INFRASTRUCTURE)?	☐	☐	☒	☐
b.	DISPLACE SUBSTANTIAL NUMBERS OF EXISTING HOUSING NECESSITATING THE CONSTRUCTION OF REPLACEMENT HOUSING ELSEWHERE?	☐	☐	☐	☒
c.	DISPLACE SUBSTANTIAL NUMBERS OF PEOPLE NECESSITATING THE CONSTRUCTION OF REPLACEMENT HOUSING ELSEWHERE?	☐	☐	☐	☒
XIV.	**PUBLIC SERVICES**				
a.i.	FIRE PROTECTION?	☐	☐	☒	☐
a.ii.	POLICE PROTECTION?	☐	☒	☐	☐

		Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
a.iii.	SCHOOLS?	☐	☐	☒	☐
a.iv.	PARKS?	☐	☐	☒	☐
a.v.	OTHER PUBLIC FACILITIES?	☐	☐	☒	☐
XV.	**RECREATION**				
a.	WOULD THE PROJECT INCREASE THE USE OF EXISTING NEIGHBORHOOD AND REGIONAL PARKS OR OTHER RECREATIONAL FACILITIES SUCH THAT SUBSTANTIAL PHYSICAL DETERIORATION OF THE FACILITY WOULD OCCUR OR BE ACCELERATED?	☐	☐	☒	☐
b.	DOES THE PROJECT INCLUDE RECREATIONAL FACILITIES OR REQUIRE THE CONSTRUCTION OR EXPANSION OF RECREATIONAL FACILITIES WHICH MIGHT HAVE AN ADVERSE PHYSICAL EFFECT ON THE ENVIRONMENT?	☐	☐	☒	☐
XVI.	**TRANSPORTATION/CIRCULATION**				
a.	CONFLICT WITH AN APPLICABLE PLAN, ORDINANCE OR POLICY ESTABLISHING MEASURES OF EFFECTIVENESS FOR THE PERFORMANCE OF THE CIRCULATION SYSTEM, TAKING INTO ACCOUNT ALL MODES OF TRANSPORTATION INCLUDING MASS TRANSIT AND NON-MOTORIZED TRAVEL AND RELEVANT COMPONENTS OF THE CIRCULATION SYSTEM, INCLUDING BUT NOT LIMITED TO INTERSECTIONS, STREETS, HIGHWAYS AND FREEWAYS, PEDESTRIAN AND BICYCLE PATHS AND MASS TRANSIT?	☐	☒	☐	☐
b.	CONFLICT WITH AN APPLICABLE CONGESTION MANAGEMENT PROGRAM, INCLUDING BUT NOT LIMITED TO LEVEL OF SERVICE STANDARDS AND TRAVEL DEMAND MEASURES, OR OTHER STANDARDS ESTABLISHED BY THE COUNTY CONGESTION MANAGEMENT AGENCY FOR DESIGNATED ROADS OR HIGHWAYS?	☐	☐	☒	☐
c.	RESULT IN A CHANGE IN AIR TRAFFIC PATTERNS, INCLUDING EITHER AN INCREASE IN TRAFFIC LEVELS OR A CHANGE IN LOCATION THAT RESULTS IN SUBSTANTIAL SAFETY RISKS?	☐	☐	☐	☒
d.	SUBSTANTIALLY INCREASE HAZARDS TO A DESIGN FEATURE (E.G., SHARP CURVES OR DANGEROUS INTERSECTIONS) OR INCOMPATIBLE USES (E.G., FARM EQUIPMENT)?	☐	☒	☐	☐
e.	RESULT IN INADEQUATE EMERGENCY ACCESS?	☐	☐	☒	☐
f.	CONFLICT WITH ADOPTED POLICIES, PLANS OR PROGRAMS REGARDING PUBLIC TRANSIT, BICYCLE, OR PEDESTRIAN FACILITIES, OR OTHERWISE DECREASE THE PERFORMANCE OR SAFETY OF SUCH FACILITIES?	☐	☐	☒	☐
XVII.	**UTILITIES**				
a.	EXCEED WASTEWATER TREATMENT REQUIREMENTS OF THE APPLICABLE REGIONAL WATER QUALITY CONTROL BOARD?	☐	☐	☒	☐
b.	REQUIRE OR RESULT IN THE CONSTRUCTION OF NEW WATER OR WASTEWATER TREATMENT FACILITIES OR EXPANSION OF EXISTING FACILITIES, THE CONSTRUCTION OF WHICH COULD CAUSE SIGNIFICANT ENVIRONMENTAL EFFECTS?	☐	☐	☒	☐
c.	REQUIRE OR RESULT IN THE CONSTRUCTION OF NEW STORMWATER DRAINAGE FACILITIES OR EXPANSION OF EXISTING FACILITIES, THE CONSTRUCTION OF WHICH COULD CAUSE SIGNIFICANT ENVIRONMENTAL EFFECTS?	☐	☐	☒	☐

		Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
d.	HAVE SUFFICIENT WATER SUPPLIES AVAILABLE TO SERVE THE PROJECT FROM EXISTING ENTITLEMENTS AND RESOURCE, OR ARE NEW OR EXPANDED ENTITLEMENTS NEEDED?	❑	❑	☒	❑
e.	RESULT IN A DETERMINATION BY THE WASTEWATER TREATMENT PROVIDER WHICH SERVES OR MAY SERVE THE PROJECT THAT IT HAS ADEQUATE CAPACITY TO SERVE THE PROJECT'S PROJECTED DEMAND IN ADDITION TO THE PROVIDER'S EXISTING COMMITMENTS?	❑	❑	☒	❑
f.	BE SERVED BY A LANDFILL WITH SUFFICIENT PERMITTED CAPACITY TO ACCOMMODATE THE PROJECT'S SOLID WASTE DISPOSAL NEEDS?	❑	❑	☒	❑
g.	COMPLY WITH FEDERAL, STATE, AND LOCAL STATUTES AND REGULATIONS RELATED TO SOLID WASTE?	❑	❑	☒	❑
XVIII.	**MANDATORY FINDINGS OF SIGNIFICANCE**				
a.	DOES THE PROJECT HAVE THE POTENTIAL TO DEGRADE THE QUALITY OF THE ENVIRONMENT, SUBSTANTIALLY REDUCE THE HABITAT OF FISH OR WILDLIFE SPECIES, CAUSE A FISH OR WILDLIFE POPULATION TO DROP BELOW SELF-SUSTAINING LEVELS, THREATEN TO ELIMINATE A PLANT OR ANIMAL COMMUNITY, REDUCE THE NUMBER OR RESTRICT THE RANGE OF A RARE OR ENDANGERED PLANT OR ANIMAL OR ELIMINATE IMPORTANT EXAMPLES OF THE MAJOR PERIODS OF CALIFORNIA HISTORY OR PREHISTORY?	❑	❑	❑	☒
b.	DOES THE PROJECT HAVE IMPACTS WHICH ARE INDIVIDUALLY LIMITED, BUT CUMULATIVELY CONSIDERABLE? ("CUMULATIVELY CONSIDERABLE" MEANS THAT THE INCREMENTAL EFFECTS OF AN INDIVIDUAL PROJECT ARE CONSIDERABLE WHEN VIEWED IN CONNECTION WITH THE EFFECTS OF PAST PROJECTS, THE EFFECTS OF OTHER CURRENT PROJECTS, AND THE EFFECTS OF PROBABLE FUTURE PROJECTS).	❑	❑	☒	❑
c.	DOES THE PROJECT HAVE ENVIRONMENTAL EFFECTS WHICH CAUSE SUBSTANTIAL ADVERSE EFFECTS ON HUMAN BEINGS, EITHER DIRECTLY OR INDIRECTLY?	❑	☒	❑	❑

DISCUSSION OF THE ENVIRONMENTAL EVALUATION (Attach additional sheets if necessary)

The Environmental Impact Assessment includes the use of official City of Los Angeles and other government source reference materials related to various environmental impact categories (e.g., Hydrology, Air Quality, Biology, Cultural Resources, etc.). The State of California, Department of Conservation, Division of Mines and Geology – Seismic Hazard Maps and reports, are used to identify potential future significant seismic events; including probable magnitudes, liquefaction, and landslide hazards. Based on Applicant information provided in the Master Land Use Application and Environmental Assessment Form, impact evaluations were based on stated facts contained therein, including but not limited to, reference materials indicated above, field investigation of the project site, and other reliable reference materials known at the time.

Project specific impacts were evaluated based on all relevant facts indicated in the Environmental Assessment Form and expressed through the Applicant's project description and supportive materials. Both the Initial Study Checklist and Checklist Explanations, in conjunction with the City of Los Angeles's Adopted Thresholds Guide and CEQA Guidelines, were used to reach reasonable conclusions on environmental impacts as mandated under the California Environmental Quality Act (CEQA).

The project as identified in the project description may cause potentially significant impacts on the environment without mitigation. Therefore, this environmental analysis concludes that a Mitigated Negative Declaration shall be issued to avoid and mitigate all potential adverse impacts on the environment by the imposition of mitigation measures and/or conditions contained and expressed in this document; the environmental case file known as **ENV-2016-273-MND** and the associated case(s), **ZA-2016-272-ZAA-SPR-CLQ**. Finally, based on the fact that these impacts can be feasibly mitigated to less than significant, and based on the findings and thresholds for Mandatory Findings of Significance as described in the California Environmental Quality Act, section 15065, the overall project impacts(s) on the environment (after mitigation) **will not**:

- Substantially degrade environmental quality.
- Substantially reduce fish or wildlife habitat.
- Cause a fish or wildlife habitat to drop below self sustaining levels.
- Threaten to eliminate a plant or animal community.
- Reduce number, or restrict range of a rare, threatened, or endangered species.
- Eliminate important examples of major periods of California history or prehistory.
- Achieve short-term goals to the disadvantage of long-term goals.
- Result in environmental effects that are individually limited but cumulatively considerable.
- Result in environmental effects that will cause substantial adverse effects on human beings.

ADDITIONAL INFORMATION:

All supporting documents and references are contained in the Environmental Case File referenced above and may be viewed in the Environmental Analysis Unit, Room 750, City Hall.

For City information, addresses, and phone numbers: visit the City's website at http://www.lacity.org; City Planning- and Zoning Information Mapping Automated System (ZIMAS) cityplanning.lacity.org/ or EIR Unit, City Hall, 200 N Spring Street, Room 763. Seismic Hazard Maps – http://gmw.consrv.ca.gov/shmp/ Engineering/Infrastructure/Topographic Maps/Parcel Information – http://boemaps.eng.ci.la.ca.us/index0.1htm or City's main website under the heading "Navigate LA."

PREPARED BY:	TITLE:	TELEPHONE NO.:	DATE:
Michael Sin	Planning Assistant	(213) 978-1345	2/10/17

	Impact	Explanation	Mitigation Measures
I. AESTHETICS			
a.	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
b.	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
c.	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
d.	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
II. AGRICULTURAL RESOURCES			
a.	No Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
b.	No Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
c.	No Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
d.	No Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
e.	No Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
III. AIR QUALITY			
a.	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
b.	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
c.	Less Than Significant Impact	See expanded environmental analysis (attached).	No mitigation measures are required.
d.	Less Than Significant Impact	See expanded environmental analysis (attached).	No mitigation measures are required.
e.	Less Than Significant Impact	See expanded environmental analysis (attached).	No mitigation measures are required.
IV. BIOLOGICAL RESOURCES			
a.	Potentially Significant Unless Mitigation Incorporated.	See expanded environmental analysis (attached).	MM-BIO-1, MM-BIO-2
b.	No Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
c.	No Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
d.	No Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
e.	Potentially Significant Unless Mitigation Incorporated.	See expanded environmental analysis (attached).	MM-BIO-1, MM-BIO-2
f.	No Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
V. CULTURAL RESOURCES			
a.	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
b.	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
c.	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
d.	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
e.	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
VI. GEOLOGY AND SOILS			
a.	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
b.	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
c.	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
d.	No Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
e.	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
f.	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
g.	No Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
h.	No Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
VII. GREENHOUSE GAS EMISSIONS			
a.	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
b.	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.

	Impact	Explanation	Mitigation Measures
VIII. HAZARDS AND HAZARDOUS MATERIALS			
a.	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
b.	Potentially Significant Impact Unless Mitigation Incorporated.	See expanded environmental analysis (attached).	MM-HAZ-1
c.	Potentially Significant Impact Unless Mitigation Incorporated.	See expanded environmental analysis (attached).	MM-HAZ-2, MM-HAZ-3
d.	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
e.	No Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
f.	No Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
g.	No Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
h.	No Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
IX. HYDROLOGY AND WATER QUALITY			
a.	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
b.	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
c.	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
d.	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
e.	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
f.	No Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
g.	No Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
h.	No Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
i.	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
j.	No Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
X. LAND USE AND PLANNING			
a.	No Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
b.	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
c.	No Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
XI. MINERAL RESOURCES			
a.	No Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
b.	No Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
XII. NOISE			
a.	Potentially Significant Impact Unless Mitigation Incorporated.	See expanded environmental analysis (attached).	MM-N-1
b.	Potentially Significant Impact Unless Mitigation Incorporated.	See expanded environmental analysis (attached).	MM-N-1
c.	Potentially Significant Impact Unless Mitigation Incorporated.	See expanded environmental analysis (attached).	MM-N-2
d.	Potentially Significant Impact Unless Mitigation Incorporated.	See expanded environmental analysis (attached).	MM-N-1
e.	No Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
f.	No Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
XIII. POPULATION AND HOUSING			
a.	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
b.	No Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
c.	No Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
XIV. PUBLIC SERVICES			
a.i	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
a.ii	Potentially Significant Unless	See expanded environmental analysis (attached).	MM-PS-1

	Impact	Explanation	Mitigation Measures
	Mitigation Incorporated		
a.iii	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
a.iv	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
a.v.	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
XV. RECREATION			
a.	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
b.	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
XVI. TRANSPORTATION/CIRCULATION			
a.	Potentially Significant Impact Unless Mitigation Incorporated.	See expanded environmental analysis (attached).	MM-T-1, MM-T-2, MM-T-3, MM-T-4, MM-T-5, MM-T-6
b.	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
c.	No Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
d.	Potentially Significant Impact Unless Mitigation Incorporated.	See expanded environmental analysis (attached).	MM-T-1
e.	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
f.	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
XVII. UTILITIES AND SERVICE SYSTEMS			
a.	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
b.	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
c.	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
d.	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
e.	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
f.	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
g.	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
XVIII. MANDATORY FINDINGS OF SIGNIFICANCE			
a.	No Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
b.	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
c.	Potentially Significant Impact Unless Mitigation Incorporated.	See expanded environmental analysis (attached).	See mitigation measures below.

MITIGATION MEASURES

AESTHETICS

No mitigation measures are required.

AGRICULTURE AND FORESTRY RESOURCES

No mitigation measures are required.

AIR QUALITY

No mitigation measures are required.

BIOLOGICAL RESOURCES

MM-BIO-1 Tree Removal (Non-Protected Trees)

- Prior to the issuance of any permit, a plot plan shall be prepared indicating the location, size, type, and general condition of all existing trees on the site and within the adjacent public right(s)-of-way.
- All significant (8-inch or greater trunk diameter, or cumulative trunk diameter if multi-trunked, as measured 54 inches above the ground) non-protected trees on the site proposed for removal shall be replaced at a 1:1 ratio with a minimum 24-inch box tree. Net, new trees, located within the parkway of the adjacent public right(s)-of-way, may be counted toward replacement tree requirements.
- Removal or planting of any tree in the public right-of-way requires approval of the Board of Public Works. Contact Urban Forestry Division at: 213-847-3077. All trees in the public right-of-way shall be provided per the current standards of the Urban Forestry Division the Department of Public Works, Bureau of Street Services.

MM-BIO-2 Habitat Modification (Nesting Native Birds)

- Proposed project activities (including disturbances to native and non-native vegetation, structures and substrates) should take place outside of the breeding bird season which generally runs from March 1- August 31 (as early as February 1 for raptors) to avoid take (including disturbances which would cause abandonment of active nests containing eggs and/or young). Take means to hunt, pursue, catch, capture, or kill, or attempt to hunt, pursue, catch, capture of kill (Fish and Game Code Section 86).
- If project activities cannot feasibly avoid the breeding bird season, beginning thirty days prior to the disturbance of suitable nesting habitat, the applicant shall:
    - Arrange for weekly bird surveys to detect any protected native birds in the habitat to be removed and any other such habitat within 300 feet of the construction work area (within 500 feet for raptors) as access to adjacent areas allows. The surveys shall be conducted by a Qualified Biologist with experience in conducting breeding bird surveys. The surveys shall continue on a weekly basis with the last survey being conducted no more than 3 days prior to the initiation of clearance/construction work.

- If a protected native bird is found, the applicant shall delay all clearance/construction disturbance activities within 300 feet of suitable nesting habitat for the observed protected bird species (within 500 feet for suitable raptor nesting habitat) until August 31.
- Alternatively, the Qualified Biologist could continue the surveys in order to locate any nests. If an active nest is located, clearing and construction within 300 feet of the nest (within 500 feet for raptor nests) or as determined by a qualified biological monitor, shall be postponed until the nest is vacated and juveniles have fledged and when there is no evidence of a second attempt at nesting. The buffer zone from the nest shall be established in the field with flagging and stakes. Construction personnel shall be instructed on the sensitivity of the area.
- The applicant shall record the results of the recommended protective measures described above to document compliance with applicable State and Federal laws pertaining to the protection of native birds. Such record shall be submitted and received into the case file for the associated discretionary action permitting the project.

CULTURAL RESOURCES

No mitigation measures are required.

GEOLOGY AND SOILS

No mitigation measures are required.

GREENHOUSE GAS EMISSIONS

No mitigation measures are required.

HAZARDS AND HAZARDOUS MATERIALS

MM-HAZ-1 (Existing Toxic/Hazardous Construction Materials)

- (Lead Paint) Prior to the issuance of any permit for demolition or alteration of the existing structure(s), a lead-based paint survey shall be performed to the written satisfaction of the Department of Building and Safety. Should lead-based paint materials be identified, standard handling and disposal practices shall be implemented pursuant to OSHA regulations.

MM-HAZ-2 Construction Activity Near Schools

- The Applicant and contractors shall maintain ongoing contact with administrator of Hillside Elementary School, Loreta Street Elementary School, and Los Angeles Leadership Academy Charter School. The administrative offices shall be contacted when demolition, grading and construction activity begin on the project site so that students and their parents will know when such activities are to occur. The developer shall obtain school walk and bus routes to the schools from either the administrators or from the LAUSD's Transportation Branch (323)342-1400 and guarantee that safe and convenient pedestrian and bus routes to the school be maintained.

- The Applicant shall install appropriate traffic signs around the site to ensure pedestrian and vehicle safety.
- There shall be no staging or parking of construction vehicles, including vehicles to transport workers on Pasadena Avenue, adjacent to the school.
- Due to noise impacts on the schools, no construction vehicles or haul trucks shall be staged or idled on Pasadena Avenue, adjacent to the school, during school hours.

MM-HAZ-3 Schools Affected by Haul Route

- Haul route scheduling shall be sequenced to minimize conflicts with pedestrians, school buses and cars at the arrival and dismissal times of the school day. Haul route trucks shall not be routed past the school during periods when school is in session especially when students are arriving or departing from the campus.

HYDROLOGY AND WATER QUALITY

No mitigation measures are required.

LAND USE AND PLANNING

No mitigation measures are required.

MINERAL RESOURCES

No mitigation measures are required.

NOISE

MM-N-1 Increased Noise Levels (Demolition, Grading, and Construction Activities)

- In addition to satisfying the noise-related conditions identified in [Q] Condition 10 of Ordinance 179,280, the project contractor shall erect a temporary noise-attenuating sound barrier along the perimeter of the Project Site's southerly and easterly property line to minimize construction noise levels at off site properties. The sound wall shall be a minimum of 8 feet in height to block the line of site of construction equipment and off site receptors at the ground level. The sound barrier shall include ¾ inch plywood or other sound absorbing material capable of achieving a 10 dBA reduction in sound level.

MM-N-2 Increased Noise Levels (Parking Structure Ramps)

- Concrete, not metal, shall be used for construction of parking ramps.
- The interior ramps shall be textured to prevent tire squeal at turning areas.

POPULATION AND HOUSING

No mitigation measures are required.

PUBLIC SERVICES

MM-PS-1 Police

- **(Police):** The plans shall incorporate the Design Guidelines (defined in the following sentence) relative to security, semi-public and private spaces, which may include but not be limited to access control to building, secured parking facilities, walls/fences with key systems, well-illuminated public and semi-public space designed with a minimum of dead space to eliminate areas of concealment, location of toilet facilities or building entrances in high-foot traffic areas, and provision of security guard patrol throughout the project site if needed. Please refer to "Design Out Crime Guidelines: Crime Prevention Through Environmental Design", published by the Los Angeles Police Department. Contact the Community Relations Division, located at 100 W. 1st Street, #250, Los Angeles, CA 90012; (213) 486-6000. These measures shall be approved by the Police Department prior to the issuance of building permits.

RECREATION

No mitigation measures are required.

TRANSPORTATION AND TRAFFIC

MM-T-1 Transportation and Traffic

- In addition to the TDM measures, all implementing measure(s) detailed in DOT's communication to the Planning Department (DOT Case No. CEN 15-43306 dated January 28, 2016, attached) shall be complied with.

MM-T-2 Transportation Demand Management (TDM) Program

- The purpose of a TDM plan is to reduce the use of single occupant vehicles (SOV) by increasing the number of trips by walking, bicycle, carpool, vanpool and transit. A TDM plan should include design features, transportation services, education, and incentives intended to reduce the amount of SOV during commute hours. Through strategic building design and orientation, this project can facilitate access to transit, can provide a pedestrian-friendly environment, can promote non-automobile travel and can support the goals of a trip-reduction program.
- A preliminary TDM program shall be prepared and provided for DOT review prior to the issuance of the first building permit for this project and a final TDM program approved by DOT is required prior to the issuance of the first certificate of occupancy for the project. The TDM program should include, but not be limited to, the following strategies:
    - Provide an internal Transportation Management Coordination Program with an on-site transportation coordinator;
    - Design the project to ensure a bicycle, transit, and pedestrian friendly environment;
    - Provide unbundled parking that separates the cost of obtaining assigned parking spaces from the cost of purchasing or renting residential units;

- Accommodate flexible/alternative work schedules and telecommuting programs;
- A provision requiring compliance with the State Parking Cash-out Law in all leases;
- Coordinate with DOT to determine if the project location is eligible for future Integrated Mobility Hub (which can include space for a bike share kiosk, and/or parking spaces on-site for car-share vehicles;
- Provide on-site transit routing and schedule information;
- Provide a program to discount transit passes for residents/employees possibly through negotiated bulk purchasing passes with transit providers;
- Provide rideshare matching services;
- Preferential rideshare loading/unloading or parking location;
- Contribute to a one-time fixed fee contribution of $75,000 to be deposited into the City's Bicycle Plan Trust Fund to implement bicycle improvements in the vicinity of the project.

In addition to these TDM measures, DOT also recommends that the Applicant explore the implementation of an on-demand van, shuttle or tram service that connects the project employees to off-site transit stops based on the transportation needs of the project employees. Such a service can be included as an additional measure in the TDM program if it is deemed feasible and effective by the applicant.

- The Applicant shall implement a TDM/TMP to reduce the project trip generation by 15 percent. Specifically, the project shall not exceed a driveway trip volume count of 179 trips during the a.m. peak hour and 222 trips during the pm peak hour, at full occupancy. To achieve this peak hour driveway trip volume requirement through implementation of an on-site Transportation Demand Management (TDM) Plan the project shall implement a Trip Monitoring Program (TMP).
- The Applicant shall record a covenant and agreement to annually monitor and submit reports on the progress of the driveway trip reduction plan to DOT. Annual reports shall include a report on the observed trip generation and on the project's mode share. The detailed goals, objectives, terms and strategies of the TDM plan and reporting requirements shall be determined during the preparation of the final. The TDM plan is due prior to the issuance of any temporary or final certificate of occupancy permit for the project. The plan should also identify any appropriate penalties, should the project not achieve compliance with the targeted number of driveway trips within a year of exceeding the limits. The TMP shall continue until such time that the project has shown, for five (5) consecutive years, at a minimum of 85% occupancy, accomplishment of the peak hour driveway trip volume requirement as listed.

MM-T-3 Transportation Systems Management (TSM) Improvements

- The Applicant shall implement the upgrades, detailed below by LADOT's ATSAC Section, through the B-Permit process. LADOT's ATSAC Section has identified the need to update the existing traffic signal system. Specifically, install one CCTV camera, a new type 2070 controller, and the necessary infrastructure (including, but not limited to, fiber optic and interconnect) to activate the new installation, at the Pasadena Avenue / Avenue 26 and Daly Street intersection. The video fiber / fiber optic improvements must be guaranteed prior to the issuance of any building

permit and complete prior to the issuance of any certificate of occupancy. Temporary certificates of occupancy may be granted in the event of any delay through no fault of the applicant, provided that, in each case, the applicant has demonstrated reasonable efforts and due diligence to the satisfaction of DOT

MM-T-4 Construction Management Plan

- A Construction work site traffic control plan shall be submitted to DOT for review and approval prior to the start of any construction work. The plans shall show the location of any roadway or sidewalk closures, traffic detours, haul routes, hours of operation, protective devices, warning signs and access to abutting properties. All construction related traffic shall be restricted to off-peak hours.
- All delivery truck loading and unloading shall take place on site or within the boundaries of an approved traffic control plan.

MM-T-5 Transportation and Traffic (Construction)

- The developer shall install appropriate traffic signs around the site to ensure pedestrian and vehicle safety at all times during the construction period.

MM-T-6 Pedestrian Safety During Construction

- The Applicant shall plan construction and construction staging as to maintain pedestrian access on adjacent sidewalks throughout all construction phases. This requires the applicant to maintain adequate and safe pedestrian protection, including physical separation (including utilization of barriers such as K-Rails or scaffolding, etc.) from work space and vehicular traffic, and overhead protection, due to sidewalk closure or blockage, at all times.
- Should permanent pedestrian routes be unavailable due to construction, safe and accessible temporary pedestrian routes shall be provided adjacent to the project site.
- Covered walkways should be provided where pedestrians are exposed to potential injury from falling objects.
- The Applicant shall keep sidewalk open during construction until only when it is absolutely required to close or block sidewalk for construction and/or construction staging. Sidewalk shall be reopened as soon as reasonably feasible taking construction and construction staging into account.

UTILITIES AND SERVICE SYSTEMS

No mitigation measures are required.

MANDATORY FINDINGS OF SIGNIFICANCE

See above mitigation measures.

REGULATORY COMPLIANCE MEASURES

The Proposed Project is located within Subarea 4 of the Northeast Los Angeles Community Plan Ordinance Maps and is zoned [T][Q]CM-2D. Pursuant to Ordinance 179280, limitations imposed upon the use of property subject to the permanent "Q" Qualified Classification or "D" Development Limitation are imposed pursuant to Section 12.32K and 12.32G, respectively, of the Los Angeles Municipal Code. The "Q" Qualified Conditions are indicated by the symbol "Q" in brackets proceeding the proposed zoning designation (for example, [Q]C2). The "D" Development Limitations are indicated by a "D" following the height district designation (for example, C2-2D). The "D" Limitations and "[Q]" Conditions that are applicable to the Project Site and that will be fully addressed in Project design and entitlement are identified below:

"D" Development Limitations

1. Floor Area.

The total floor area of all buildings on the subject lots shall be limited to a Height District 2D with a maximum FAR of 3:1. An additional FAR of 1:1 may be granted for mixed-use projects that incorporate affordable housing at income levels and dwelling unit percentages consistent with State Code. An additional FAR incentive of 0.5:1 may be granted for the inclusion of a childcare facility. Therefore, mixed-use developments which incorporate affordable housing may have a maximum FAR of 4.0:1; mixed-use developments which include a childcare facility without an affordable housing component may have a maximum FAR of 3.5:1; mixed-use developments which include both affordable housing and a childcare facility may have a maximum FAR of 4.5:1.

[Q] QUALIFIED CONDITIONS OF APPROVAL

Pursuant to Section 12.32 G of the Municipal Code; the following limitations are hereby imposed upon the use of the subject property, subject to the "Q" Qualified classification.

A. General Conditions

1. Use Limitations

a. There shall be no 100% Commercial and/or Industrial projects allowed.

b. There shall be no 100% Residential projects allowed.

c. A minimum of 50% of the non-residential floor area shall be limited to Neighborhood Retail and Neighborhood Services as permitted by LAMC 13.07C.

d. The following uses shall be prohibited:

(i) Any drive-through facilities, such as those associated with restaurants, kiosk banks and drugstores;

(ii) Automobile dismantling and automobile salvage yards, and automobile storage yards;

(iii) Outdoor storage yards for junk and salvage items, machinery or construction materials that are not associated with a retail establishment or entertainment production facility;

(iv) Recycling Centers;

(v) Off-site alcoholic beverage sales.

e. Property owners shall satisfy any requirements from the State Department of Toxic Substances Control (DTSC) in relation to potential contamination on the subject site. Prior to the issuance of any clearances by the Department of City Planning (DCP), property owners shall provide to DCP a letter from DTSC that establishes DTSC's satisfaction that the subject site currently meets DTSC requirements for the proposed use or, alternatively, that establishes DTSC's satisfaction with the property owner's contamination testing plan for the proposed use.

2. Parking.

a. Surface Parking. Approval of plans by the Director of Planning shall be required for any project for which surface parking exceeds 20% of the total lot area.

b. Surface and Below-Grade Parking. Parking for commercial uses or guests may be located at grade, but shall not be adjacent to Pasadena Avenue; parking for residences shall be located below grade.

c. Shared Parking. Residential and mixed-use commercial/residential projects shall provide parking as required by the Los Angeles Municipal Code. Commercial parking shall be made available to residents and residential visitors during off-business hours. In the event that the project is developed under the regulations contained in Section 12.22 A 25 of the Municipal Code (Affordable Housing Incentives/Density Bonuses), parking may be provided as permitted by that Section for the length of time that the residential units remain as restricted affordable units.

(i) Tandem parking may be used only for the spaces which are assigned and designated for a single residential unit.

(ii) Signs shall be clearly posted at project entrances directing residential visitors to commercial parking during off-business hours. The signs shall be in large, easy-to-read lettering and shall indicate the general location of the parking. Sign wording shall be to the satisfaction of the Planning Department.

B. Design Conditions

1. Site Planning

a. Development fronting Figueroa Street or Pasadena Avenue shall designate Figueroa Street or Pasadena Avenue as the front yard.

b. All new buildings fronting Figueroa Street or Pasadena Avenue shall provide a pedestrian entrance for each business along Figueroa Street or Pasadena Avenue.

c. Ground floor commercial uses shall be built to the front lot line except where publicly accessible open spaces are provided, such as plazas and outdoor dining areas, and have been incorporated into the site design.

d. All projects shall be subject to approval of plans by the Director of Planning, to be conducted by the Community Planning Bureau.

e. A minimum of 30% of the Subarea shall be devoted to publicly accessible open space and pedestrian paths that shall be accessible beginning at dawn and ending at dusk or close of on-site businesses, whichever occurs later.

f. All new buildings that abut Pasadena Avenue shall provide a pedestrian entrance for each business along Pasadena Avenue.

g. For surface parking areas, the applicant shall provide drainage bioswales along any boundary abutting the Arroyo Seco, and shall design parking areas, landscaped areas and rooftops to direct drainage into the bioswales.

h. Courtyards.

(i) For buildings fronting Pasadena Avenue with over 150 linear feet in width or depth, a front courtyard shall be provided adjacent to the front yard setback at ground level, with a minimum width and depth of 20 linear feet, respectively, and a minimum total area of 700 square feet.

(ii) Required courtyards shall be open to the sky and not be located within 40 linear feet of a side property line.

(iii) Any courtyard fencing shall be predominantly open or transparent in design, shall not exceed 36 inches in height and shall be recessed a minimum of 5 feet.

(iv) Required courtyards shall be located no more than three (3) vertical feet from sidewalk grade.

(v) A minimum of 20 percent of each courtyard shall consist of planted ground cover, shrubs, trees, water features or permanent planter boxes.

(vi) Courtyards shall contain pedestrian amenities, such as shade trees, landscaped trellises, benches, trash bins, etc.

i. A minimum of 75 percent of all usable outdoor public space shall be located at ground level and shall be directly accessible to the general public from Pasadena Avenue and/or Avenue 34.

j. Ground floor frontage along Pasadena Avenue shall be designated for commercial or industrial uses. Ground floor uses shall be designed with a minimum depth of 25 feet.

k. Non-residential uses fronting onto Pasadena Avenue shall maintain a presence and a secondary pedestrian entrance on the interior of the lot.

2. Pedestrian Access

Pedestrian paths shall divide Subarea 4 into a minimum of four sections.

a. There shall be an easUwest and a north/south pedestrian path through Subarea 4.

b. The paths shall be aligned through the midpoint of Subarea 4 and cross each other at a perpendicular angle.

c. The required pedestrian paths shall be a minimum of 16 feet in width and may include up to 2 feet of landscaping on each side.

d. The required pedestrian paths shall be comprised of attractive hardscape materials or appropriate permeable alternatives. The use of asphalt is prohibited.

e. Developments on parcels that abut the required pedestrian paths shall contribute their proportional share of said paths.

f. Pedestrian paths shall be illuminated with pedestrian-scale lighting installed on either side of each pedestrian path at a minimum interval of one fixture every 20 linear feet.

g. These pedestrian paths shall be open and accessible to the public from dawn until dusk or the close of on-site businesses, whichever occurs later.

h. These pedestrian paths may count toward the Code-required open space.

i. These pedestrian paths may be included in the buildable area for the purposes of calculating the floor area ratio (FAR).

3. Building Design

a. A break in the building wall along Figueroa Street or Pasadena Avenue shall only be permitted when vehicular access cannot be obtained from side streets or private alleyways, as determined by LADOT. The break in the wall, when permitted, shall not exceed a distance of the linear feet required for driveways and other vehicular access. When vehicular access must be taken from the primary street, the driveway entry gate shall be recessed from the sidewalk by a minimum of 20 feet.

b. All ground floor storefronts in new buildings that are greater than 30 feet in length shall provide architectural features on the building fa<;ade that will help to create a pattern along the street frontage and avoid the presence of a monotonous fa<;ade through the use of vertical elements, such as columns, placed in a pattern, or recesses in the fa<;ade, at minimum intervals of 20 feet.

c. All facades on new buildings shall be designed with articulation that provides relief for every 20 horizontal feet and 15 vertical feet.

d. The front elevation of all new structures shall be stepped back a minimum of five (5) feet from the front property line at the third story and again at the fifth story.

e. Wall openings, such as windows and doors, shall occupy at least 70 percent of the ground floor street facade along Pasadena Avenue and Figueroa Street.

f. Storefront windows shall be a minimum of 18 vertical inches and a maximum of 36 vertical inches from sidewalk grade.

4. Architectural Details

a. Articulation and architectural detail shall be applied equally on all building elevations.

b. All balconies shall be flush with the exterior wall and made of an opaque materials for the first four feet.

c. All balconies shall be of a usable dimension, a minimum of six feet wide.

d. Building entrances shall meet the following criteria:

(i) All projects shall provide a prominent residential entry that is accessible from the public right-of-way abutting the front yard; and

(ii) Each commercial premise shall provide a front door that is accessible from the public right-of-way abutting the front yard.

e. All buildings shall provide security lighting for pedestrians on the ground floor of building facades fronting public rights-of-way.

f. Windows shall allow a minimum of 90-percent light transmission. Non-reflective glass shall be used to allow maximum visibility from the sidewalk areas into the interior of all commercial uses.

g. Storefront windows shall be recessed at least 3 inches from the front plane of the building.

h. Where awnings and canopies are used on storefronts greater than 25 feet in length, one awning or canopy shall be provided for each structural bay where such bays exist.

i. Awnings and canopies shall project a maximum of 36-inches into the sidewalk.

j. Awnings and canopies shall be attached to the building, without support poles on the sidewalk.

k. All rooflines that exceed 40 linear feet shall provide some kind of relief either through the application of a gable, dormer, change of material or other type of articulation.

5. Walls and Fences:

a. Exterior walls shall be treated with graffiti resistant-surfaces. Such treatment may include specialized coatings and the installation of vegetation.

b. All free-standing walls shall provide a break in plane, or a change in material, or an opening in the surface of the wall at minimum every 20 feet in horizontal length, or by an articulation or architectural detail such as a staggered wall, an indentation, patterned block or a symmetrical spacing of columns at minimum every 20 feet.

c. Free-standing walls or fences shall not use barbed wire or razor wire to adorn the tops of walls within view of the public right-of-way.

d. Walls or fences in the front yard shall not exceed 42 inches in height, as measured from the lowest adjacent grade, and shall be constructed of transparent decorative materials that are integrated into the design and architecture of the building.

e. Where taller walls or fences, up to a maximum of 6 feet in height, are required for security reasons, the fence or wall shall be located inside the setback landscape buffer, integrated into the architecture of the building and screened by landscaping or otherwise designed to be obscured from view from the public way. This condition applies to walls or fences in side or rear yards only.

f. Fences and walls exceeding 42 inches in side or rear yards may be located at the property line only when permitted portions of the required yard are used for private or common open space, as allowed by the Los Angeles Municipal Code. Otherwise these walls and fences shall be located within the landscaped setback, per Condition C-4(e).

6. Landscaping

a. Open space shall be provided per LAMC.

b. All open areas not used for buildings, driveways, surface parking areas, recreational facilities, pedestrian paths or walkways shall be attractively landscaped and include an automatic irrigation system, in accordance with a landscape plan prepared by a licensed landscape architect, licensed architect, or landscape contractor to the satisfaction of the Planning Department.

c. A minimum of five percent of the total surface area of a surface parking lot shall be landscaped with trees, shrubbery and ground cover.

d. A minimum of 50 percent of common usable open space, including plazas and courtyards, shall be planted in ground cover, shrubs or trees. Trees shall be planted at a ratio of one tree for every 1,000 square feet of lot area. Trees shall be at minimum 24-inch box trees, and shall be planted within open space areas. Landscaped areas located on top of a parking garage or deck shall include permanent planters at least 30 inches in depth (12 inches for lawn/ground cover) and be properly irrigated and drained to the satisfaction of the Planning Department.

e. Paved surfaces within usable public spaces shall be comprised of stamped concrete, tile or other decorative paving surfaces. Asphalt shall be prohibited as a paving surface within usable public spaces.

f. Any portion of a parking level which exceeds grade shall be screened from the view of the public right-of-way by landscape features including trees, shrubbery, planter boxes or berms, none of which shall be shorter than three (3) feet in height. Any planter box or berm shall not be considered in calculating additional height of a structure.

g. All surface parking areas shall include a pedestrian walkway from the primary structure served by the parking area up to a distance measuring 50 straightline feet. The pedestrian walkway shall be paved with stamped concrete or another decorative surface in keeping with the architectural style of the surrounding structures.

h. Landscape setbacks, where required, shall include a 24-inch box tree for every 20 feet of street frontage. Trees installed shall have a minimum canopy diameter of 20 feet at the time of maturity.

i. Landscape setbacks, where required, shall include 90 percent ground covering through the use of turf, grass, flowering plants and shrubs.

j. Street trees shall be 24-inch box trees planted along the street frontage, spaced 20 feet on center with root collars to prevent uplifting of sidewalks. Street tree type shall match the

prevailing street tree of the street provided that it is an acceptable tree species, to the satisfaction of the Bureau of Urban Forestry.

7. Mechanical, Security & Trash Equipment

a. All service areas and loading docks shall be located at the rear of structures.

b. All exterior rooftop and ground level mechanical equipment, including HVAC equipment, exhaust fans and satellite dishes shall be screened from public view.

c. All service areas shall be enclosed or completely screened from public view. Enclosures shall consist of fencing, walls, or landscaping.

d. Exterior security grills or permanently affixed security bars shall be prohibited.

e. Interior security grills shall be retractable and shall recess completely into pockets that completely conceal the grill when it is retracted. Such pockets shall be integrated into the design of the building.

f. Roll-down security grills that conceal storefront windows shall be prohibited.

C. Environmental Conditions

1. Aesthetics (Landscaping) All open areas not used for buildings, driveways, parking areas, recreational facilities or walks shall be attractively landscaped and maintained in accordance with a landscape plan, including an automatic irrigation plan, prepared by a licensed landscape architect to the satisfaction of the Planning Department.

2. Aesthetics (Surface Parking) A minimum of one 24-inch box tree (minimum trunk diameter of two inches and a height of eight feet at the time of planting) shall be planted for every four new surface parking spaces. The trees shall be dispersed within the parking area so as to shade the surface parking area and shall be protected by a minimum 6-inch high curb and landscape. An automatic irrigation plan shall be approved by the City Planning Department.

3. Aesthetics (Graffiti) The owners shall maintain the subject property clean and free of debris and rubbish and to promptly remove any graffiti from the walls, pursuant to Municipal Code Sections 91.8101-F, 91.8904-1 and 91.1707-E. Exterior walls of new commercial and residential buildings of other than glass may be covered with clinging vines, screened by oleander trees or similar vegetation capable of covering or screening entire walls up to heights of at least 9-feet, excluding windows and signs or the walls may be covered with graffiti proof coatings.

4. Aesthetics (Signage) On-site signs are limited to the maximum allowable under the Municipal Code. Multiple temporary signs in the store windows and along the building walls shall be prohibited.

5. Aesthetics (Light) Outdoor lighting shall be designed and installed with shielding so that the light source cannot be seen from adjacent residential properties.

6. Aesthetics (Glare) The exterior of the proposed building shall be constructed of materials such as high-performance tinted non-reflective glass and pre-cast concrete or fabricated wall surfaces.

7. Air Pollution (Stationary)

RESIDENTIAL - The applicant shall install air filters capable of achieving a Minimum Efficiency Rating Value (MERV) of at least 8 or better in order to reduce the effects of diminished air quality on the occupants of the project.

COMMERCIAL/INSTITUTIONAL- The applicant shall install air filters capable of achieving a Minimum Efficiency Rating Value (MERV) of at least 11 or better in order to reduce the effects of diminished air quality on the occupants of the project.

8. Air Quality (Objectionable Odors) The trash receptacle shall be relocated at least 50-feet away from the property line of adjacent residential properties or trash receptacles shall be located within the walls of a covered concrete block enclosure.

9. Seismic The design and construction of the project shall conform to the Uniform Building Code seismic standards as approved by the Department of Building and Safety.

10. Erosion/Grading/Short-Term Construction Impacts

Air Quality

a. All unpaved demolition and construction areas shall be wetted at least twice daily during excavation and construction, and temporary dust covers shall be used to reduce dust emissions and meet SCAQMD District Rule 403.

b. The owner or contractor shall keep the construction area sufficiently dampened to control dust caused by construction and hauling, and at all times provide reasonable control of dust caused by wind.

c. All loads shall be secured by trimming, watering or other appropriate means to prevent spillage and dust.

d. All materials transported off-site shall be either sufficiently watered or securely covered to prevent the generation of excessive amounts of dust.

e. General contractors shall maintain and operate construction equipment so as to minimize exhaust emissions.

Noise

a. The project shall comply with the City of Los Angeles Noise Ordinance No. 144,331 and 161,574, and any subsequent ordinances, which prohibit the emission or creation of noise beyond certain levels at adjacent uses unless technically unfeasible.

b. Construction and demolition shall be restricted to the hours of 7:00 am to 6:00 pm Monday through Friday, and 8:00 am to 6:00 pm on Saturday.

c. Construction and demolition activities shall be scheduled so as to avoid operating several pieces of equipment simultaneously.

d. The project contractor shall use power construction equipment with state-of the art noise shielding and muffling devices.

e. The project sponsor shall comply with the Noise Insulation Standards of Title 24 of the California Code Regulations, which insure an acceptable interior noise environment.

General Construction

a. All waste shall be disposed of properly. Use appropriately labeled recycling bins to recycle construction materials including: solvents, water-based paints, vehicle fluids, broken asphalt and concrete, wood, and vegetation. Nonrecyclable materials/wastes shall be taken to an appropriate landfill. Toxic wastes must be discarded at a licensed regulated disposal site.

b. Leaks, drips and spills shall be cleaned up immediately to prevent contaminated soil on paved surfaces that can be washed away into the storm drains.

c. Pavement shall not be hosed down at material spills. Dry cleanup methods shall be used whenever possible.

d. Dumpsters shall be covered and maintained. Uncovered dumpsters shall be placed under a roof or be covered with tarps or plastic sheeting.

e. Gravel approaches shall be used where truck traffic is frequent to reduce soil compaction and the tracking of sediment into streets shall be limited.

f. All vehicle/equipment maintenance, repair, and washing shall be conducted away from storm drains. All major repairs shall be conducted off-site. Drip pans or drop cloths shall be used to catch drips and spills.

11. Liquefaction

All projects shall comply with the Uniform Building Code Chapter 18. Division 1 Section 1804.5 Liquefaction Potential and Soil Strength Loss which requires the preparation of a geotechnical report. The geotechnical report shall assess potential consequences of any liquefaction and soil strength loss, estimation of settlement, lateral movement or reduction in foundation soil-bearing capacity, and discuss

mitigation measures that may include building design consideration. Building design considerations shall include, but are not limited to: ground stabilization, selection of appropriate foundation type and depths, selection of appropriate structural systems to accommodate anticipated displacements or any combination of these measures.

12. Explosion/Release (Asbestos Containing Materials)

Prior to the issuance of any demolition permit, the applicant shall provide a letter to the Department of Building and Safety from a qualified asbestos abatement consultant that no ACM are present in the building. If ACM are found to be present, it will need to be abated in compliance with the South Coast Air Quality Management District's Rule 1403 as well as all other State and Federal Rules and regulation.

13. All Runoff (All Subareas)

a. Project applicants are required to implement stormwater BMPs to retain or treat the runoff from a storm event producing 3/4 inch of rainfall in a 24 hour period. The design of structural BMPs shall be in accordance with the Development Best Management Practices Handbook Part B Planning Activities. A signed certificate from a California licensed civil engineer or licensed architect that the proposed BMPs meet this numerical threshold standard is required.

b. Post development peak stormwater runoff discharge rates shall not exceed the estimated pre-development rate for developments where the increase peak stormwater discharge rate will result in increased potential for downstream erosion.

c. Maximize trees and other vegetation at each site by planting additional vegetation, clustering tree areas, and promoting the use of native and/or drought tolerant plants.

d. Any connection to the sanitary sewer must have authorization from the Bureau of Sanitation.

e. Reduce impervious surface area by using permeable pavement materials where appropriate, including: pervious concrete/asphalt; unit pavers, i.e. turf block; and granular materials, i.e. crushed aggregates, cobbles.

f. Paint messages that prohibits the dumping of improper materials into the storm drain system adjacent to storm drain inlets (such as NO DUMPINGDRAINS TO OCEAN) and/or graphical icons. Prefabricated stencils can be obtained from the Department of Public Works, Stormwater Management Division.

g. Legibility of stencils and signs must be maintained.

h. Promote natural vegetation by using parking islands and other landscaped areas.

i. Materials with the potential to contaminate stormwater must be: (1) placed in an enclosure such as, but not limited to, a cabinet, shed, or similar stormwater conveyance system; or (2) protected by secondary containment structures such as berms, dikes, or curbs.

j. The storage area must be paved and sufficiently impervious to contain leaks and spills.

k. The storage area must have a roof or awning to minimize collection of stormwater within the secondary containment area.

l. The owner(s) of the property will prepare and execute a covenant and agreement (Planning Department General form CP-6770) satisfactory to the Planning Department binding the owners to post construction maintenance on the structural BMPs in accordance with the Standard Urban Stormwater Mitigation Plan and/or per manufacturer's instructions.

14. Stormwater Runoff 10+ Home Subdivision/Multi Family

a. Install Roof runoff systems where site is suitable for installation.

b. Surface parking lots constitute a significant portion of the impervious land coverage. To reduce the quantity of runoff, surface parking lots can be designed one of two ways;

(i) Hybrid Lot - parking stalls utilize permeable materials, such as crushed aggregate, aisles are constructed of conventional materials such as asphalt.

(ii) Parking Grove - is a variation on the permeable stall design, a grid of trees and bollards are added to delineate parking stalls. This design presents an attractive open space when cars are absent, and shade when cars are present.

c. Design an efficient irrigation system to m1mm1ze runoff including: drip irrigation for shrubs to limit excessive spray; shutoff devices to prevent irrigation after significant precipitation; and flow reducers.

15. Stormwater Runoff Commercial and Industrial Development (Lot Size 100,000 sf)

a. Cover loading dock areas or design drainage to minimize run-on and run-off stormwater.

b. Direct connections to storm drains from depressed loading docks (truck wells) are prohibited.

c. Repair/maintenance bays must be indoors or designed in such a way that doesn't allow stormwater run-on or contact with stormwater runoff.

d. Design repair/maintenance bay drainage system to capture all washwater, leaks and spills. Connect drains to a standard sump for collection and disposal. Direct connection of the repair/maintenance bays to the storm drain system is prohibited. If required, obtain an Industrial Waste Discharge Permit.

e. Vehicle/equipment wash areas must be self-contained and/or covered, equipped with a clarifier, or other pretreatment facility, and property connected to the sanitary sewer.

f. The following activities are to be conducted under proper cover with drain routed to the sanitary sewer:

(i) Storage of industrial wastes.

(ii) Handling or storage of hazardous wastes.

(iii) Metal fabrication or Pre-cast concrete fabrication.

(iv) Welding, Cutting or Assembly.

(v) Painting, Coating or Finishing.

g. Store above ground liquid storage tanks (drums and dumpsters) in areas with impervious surfaces in order to contain leaks and spills. Install a secondary containment system such as berms, dikes, liners, vaults, and double-wall tanks. Where used oil or dangerous waste is stored, a dead- end sump should be installed in the drain.

h. Toxic wastes must be discarded at a licensed regulated disposal site. Store trash dumpsters either under cover and with drains routed to the sanitary sewer or use non-leaking and water-tight dumpsters with lids. Use drip pans or absorbent materials whenever grease containers are emptied. Wash containers in an area with properly connected sanitary sewer.

i. Reduce and recycle wastes, including: paper; glass; aluminum; oil; and grease.

j. Reduce the use of hazardous materials and wastes by: using detergent based or water-based cleaning systems; and avoid chlorinated compounds, petroleum distillates, phenols, and formaldehyde.

k. Control or reduce or eliminate flow to natural drainage systems to the maximum extent practicable.

l. Cleaning of vehicles and equipment to be performed within designated covered or bermed wash area paved with Portland concrete, sloped for wash water collection, and with a pretreatment facility for wash water before discharging to properly connected sanitary sewer with a CPI type oil/water separator. The separator unit must be: designed to handle the quantity of flows; removed for cleaning on a regular basis (at least twice a year) to remove any solids; and the oil absorbent pads must be replaced regularly, once in fall just before the wet season, and in accordance with manufacturer's specifications.

16. Stormwater Runoff Food Service Industry (Restaurants, Bakeries, Food Processors)

a. Cleaning of oily vents and equipment to be performed within designated covered area, sloped for wash water collection, and with a pretreatment facility for wash water before discharging to properly connected sanitary sewer with a CPI type oil/water separator. The separator unit must be: designed to handle the quantity of flows; removed for cleaning on a regular basis to remove any solids; and the oil absorbent pads must be replaced regularly according to manufacturer's specifications.

b. Store trash dumpsters either under cover and with drains routed to the sanitary sewer or use non-leaking and water tight dumpsters with lids. Wash containers in an area with properly connected sanitary sewer.

c. Reduce and recycle wastes, including oil and grease.

d. Store liquid storage tanks (drums and dumpsters) in designated paved areas with impervious surfaces in order to contain leaks and spills. Install a secondary containment system such as berms, curbs, or dikes. Use drip pans or absorbent materials whenever grease containers are emptied.

e. Infiltrate runoff before it reaches the storm drain system.

f. Runoff must be treated prior to release into the storm drain. Three types of treatments are available, (1) dynamic flow separator; (2) a filtration or (3) infiltration. Dynamic flow separator uses hydrodynamic force to remove debris, and oil and grease, and are located underground. Filtration involves catch basins with filter inserts. Filter inserts must be inspected every six months and after major storms, cleaned at least twice a year. Infiltration methods are typically constructed on-site and are determined by various factors such as soil types and groundwater table.

17. Stormwater Runoff Surface Parking Lots with 25 or More Spaces or 5,000 Square-feet of Lot Area (Residential, Commercial, Industrial, Public Facility)

a. Trash container areas must have drainage from adjoining roofs and pavement diverted around the area(s).

b. Trash container areas must be screened or walled to prevent off-site transport of trash.

c. Reduce impervious land coverage of parking lot areas.

d. Infiltrate runoff before it reaches the storm drain system.

e. Runoff must be treated prior to release into the storm drain. Three types of treatments are available, (1) dynamic flow separator; (2) filtration or (3) infiltration. Dynamic flow separator uses hydrodynamic force to remove debris, and oil and grease, and are located underground. Filtration involves catch basins with filter inserts. Filter inserts must be inspected every six

months and after major storms, and cleaned at least twice a year. Infiltration methods are typically constructed on-site and are determined by various factors such as soil type and groundwater table.

18. Increased Noise Levels (Parking Wall)

A 6-foot-high solid decorative masonry wall, as measured from the lowest adjacent grade shall be constructed along any lot line that separates any surface parking area from an adjacent residential use.

19. Increased Noise Levels (Retail Markets, Bars, Entertainment, etc.) No window openings shall be permitted along any side (excluding the front facade) of the building that is adjacent to a residential use.

20. Severe Noise Levels (Residential Only)

All exterior windows having a line of sight to the MTA Gold Line, Figueroa Street, Pasadena Avenue, and the 1-110 (Pasadena) Freeway shall be constructed with double-pane glass and use exterior wall construction which provides a Sound Transmission Class of 50 or greater as defined in UBC No. 35-1, 1979 edition or any amendment thereto. The applicant, as an alternative, may retain an acoustical engineer to submit evidence, along with the application for a building permit, any alternative means of sound insulation sufficient to mitigate interior noise levels below a CNEL of 45 dBA in any habitable room.

21. Public Services (Fire)

The following recommendations of the Fire Department relative to fire safety shall be incorporated into the building plans, which includes the submittal of a plot plan for approval by the Fire Department either prior to the recordation of a final map or the approval of a building permit. The plot plan shall include the following minimum design features: fire lanes, where required, shall be a minimum of 20 feet in width; all structures must be within 300 feet of an approved fire hydrant, and entrances to any dwelling unit or guest room shall not be more than 150 feet in distance in horizontal travel from the edge of the roadway of an improved street or approved fire lane.

22. Public Services (Schools)

a. The developer shall install appropriate traffic signs around the site to ensure pedestrian and vehicle safety.

b. Haul route scheduling shall be sequenced to minimize conflicts with pedestrians, school buses and cars at arrival and dismissal times of the school day. Haul route trucks shall not be routed past the school during periods when students are arriving or departing from the campus.

c. There shall be no staging or parking of construction vehicles, including vehicles to transport workers on any of the streets adjacent to any school.

d. Due to noise impacts on the schools, no construction vehicles or haul trucks shall be staged or idled on these streets during school hours.

e. Fences shall be constructed around the site to minimize trespassing, vandalism, short-cut attractions and attractive nuisances.

f. The developer and contractors shall maintain ongoing contact with the administrator of Hillside Elementary School, Loreto Street Elementary School and Nightingale Middle School. The administrative offices shall be contacted when demolition, grading and construction activity begin on the project site so that students and their parents will know when such activities are to occur. The developer shall obtain school walk and bus routes to the schools from either the administrators or from the LAUSD's Transportation Branch (323) 342-1400 and guarantee that safe and convenient pedestrian and bus routes to the school be maintained.

23. Utilities (Solid Waste)

Recycling bins shall be provided at appropriate locations to promote recycling of paper, metal, glass, and other recyclable material. The bins shall be picked up and recycled accordingly as a part of the project's regular solid waste removal program.

24. Transportation and Air Quality

Individual projects of more than 50 dwelling units or 11,000 square feet of commercial or industrial uses shall undergo Site Plan Review per LAMC Section 16.05. The Site Plan Review shall include an assessment of air quality impacts. Individual projects of more than 70 dwelling units or 11,000 square feet of commercial or industrial uses shall be reviewed by LADOT to determine if a traffic study will be required.

D. Administrative Conditions

1. Approval, Verification and Submittals. Copies of any approvals; guarantees or verification of consultations, review or approval, plans, etc., as may be required by the subject conditions, shall be provided to the Department of City Planning for placement in the subject file.

2. Code Compliance. Area, height and use regulations of the zone classification of the subject property shall be complied with, except where herein conditions may vary.

3. Covenant. Prior to the issuance of any permits relative to this matter, an agreement concerning all the information contained in these conditions shall be recorded in the County Recorder's Office. The agreement shall run with the land and shall be binding on any subsequent property owners, heirs or assigns. The agreement shall be submitted to the Department of City Planning for approval before being recorded. After recordation, a copy bearing the Recorder's number and date shall be provided to the Department of City Planning for attachment to the file.

4. Definition. Any agencies, public officials or legislation referenced in these conditions shall mean those agencies, public offices, legislation or their successors, designees or amendment to any legislation.

5. Enforcement. Compliance with these conditions and the intent of these conditions shall be to the satisfaction of the Department of City Planning and any designated agency, or the agency's successor and in accordance with any stated laws or regulations, or any amendments thereto.

6. Building Plans. Page 1 of the grant and all the conditions of approval shall be printed on the building plans submitted to the Department of City Planning and the Department of Building and Safety.

7. Corrective Conditions. The authorized use shall be conducted at all times with due regard for the character of the surrounding district, and the right is reserved to the City Planning Commission, or the Director pursuant to Section 12.27.1 of the Municipal Code, to impose additional corrective conditions, if, in the Commission's or Director's opinion, such conditions are proven necessary for the protection of persons in the neighborhood or occupants of adjacent proper.

8. Indemnification. The applicant shall defend, indemnify and hold harmless the City, its agents, officers, or employees from any claim, action, or proceeding against the City or its agents, officers, or employees to attack, set aside, void or annul this approval which action is brought within the applicable limitation period. The City shall promptly notify the applicant of any claim, action, or proceeding and the City shall cooperate fully in the defense. If the City fails to promptly notify the applicant of any claim, action, or proceeding, or if the City fails to cooperate fully in the defense, the applicant shall not thereafter be responsible to defend, indemnify, or hold harmless the city.

REGULATORY COMPLIANCE MEASURES

In addition to the Mitigation Measures, "D" limitations and "[Q]" Conditions that are identified above, and any proposed Project Design Features, the Applicant shall also adhere to any applicable Regulatory Compliance Measures required by law. Listed below is a list of Regulatory Compliance Measures that are applicable to the Project and have been relied on to support the conclusions in the attached IS/MND.

Cultural Resources

- **(Archaeological):** If archaeological resources are discovered during excavation, grading, or construction activities, work shall cease in the area of the find until a qualified archaeologist has evaluated the find in accordance with federal, State, and local guidelines, including those set forth in California Public Resources Code Section 21083.2. Personnel of the proposed Modified Project shall not collect or move any archaeological materials and associated materials. Construction activity may continue unimpeded on other portions of the Project site. The found deposits would be treated in accordance with federal, State, and local guidelines, including those set forth in California Public Resources Code Section 21083.2.

- **(Paleontological):** If paleontological resources are discovered during excavation, grading, or construction, the City of Los Angeles Department of Building and Safety shall be notified immediately, and all work shall cease in the area of the find until a qualified paleontologist evaluates the find. Construction activity may continue unimpeded on other portions of the Project site. The paleontologist shall determine the location, the time frame, and the extent to which any monitoring of earthmoving activities shall be required. The found deposits would be treated in accordance with federal, State, and local guidelines, including those set forth in California Public Resources Code Section 21083.2.

- **(Human Remains):** If human remains are encountered unexpectedly during construction demolition and/or grading activities, State Health and Safety Code Section 7050.5 requires that no further disturbance shall occur until the County Coroner has made the necessary findings as to origin and disposition pursuant to California Public Resources Code (PRC) Section 5097.98. In the event that human remains are discovered during excavation activities, the following procedure shall be observed:

    - Stop immediately and contact the County Coroner:
      1104 N. Mission Road
      Los Angeles, CA 90033
      323-343-0512 (8 a.m. to 5 p.m. Monday through Friday) or
      323-343-0714 (After Hours, Saturday, Sunday, and Holidays)
    - If the remains are determined to be of Native American descent, the Coroner has 24 hours to notify the Native American Heritage Commission (NAHC).
    - The NAHC will immediately notify the person it believes to be the most likely descendent of the deceased Native American.

- The most likely descendent has 48 hours to make recommendations to the owner, or representative, for the treatment or disposition, with proper dignity, of the human remains and grave goods.
- If the owner does not accept the descendant's recommendations, the owner or the descendent may request mediation by the NAHC.

Geology and Soils

- **(Seismic and Geotechnical Safety):** The project shall comply with the conditions contained within the Department of Building and Safety's Geology and Soils Report Approval Letter (dated January 26, 2016) and Project's Geotechnical Investigation prepared by Geocon West, Inc. (dated July 23, 2015), and as it may be subsequently amended or modified.

- **(Erosion/Grading/Short-Term Construction Impacts):** Chapter IX, Division 70 of the Los Angeles Municipal Code addresses grading, excavations, and fills. All grading activities require grading permits from the Department of Building and Safety. Additional provisions are required for grading activities within Hillside areas. The application of BMPs includes but is not limited to the following mitigation measures:

  - Excavation and grading activities should be scheduled during dry weather periods. If grading occurs during the rainy season (October 15 through April 1), diversion dikes shall be constructed to channel runoff around the site. Channels shall be lined with grass or roughened pavement to reduce runoff velocity.

  - Stockpiles, excavated, and exposed soil shall be covered with secured tarps, plastic sheeting, erosion control fabrics, or treated with a bio-degradable soil stabilizer.

Greenhouse Gas Emissions

- The Proposed Project shall comply with the low- and non-VOC requirements established by the AQMD for architectural coatings (AQMD Rule 1113).

- To encourage carpooling and the use of electric vehicles by Project residents and visitors, pursuant to LAMC Section 99.04.106.4.1, at least five (5)% of the total code-required parking spaces provided for all types of parking facilities, but in no case less than one location, shall be capable of supporting future electric vehicle supply equipment (EVSE). Plans shall indicate the proposed type and location(s) of EVSE and also include raceway method(s), wiring schematics and electrical calculations to verify that the electrical system has sufficient capacity to simultaneously charge all electric vehicles at all designated EV charging locations at their full rated amperage. Plan design shall be based upon Level 2 or greater EVSE at its maximum operating ampacity. Only raceways and related components are required to be installed at the time of construction. When the application of the 5% results in a fractional space, round up to the next whole number. A label stating "EVCAPABLE" shall be posted in a conspicuous place at the service panel or subpanel and next to the raceway termination point.

Hydrology and Water Quality

- **(Dewatering):** If required, any dewatering activities during construction shall comply with the requirements of the Waste Discharge Requirements for Discharges of Groundwater from Construction and Project Dewatering to Surface Waters in Coastal Watersheds of Los Angeles and Ventura Counties (Order No. R4-2008-0032, National Pollutant Discharge Elimination System No. CAG994004) or subsequent permit. This will include submission of a Notice of Intent for coverage under the permit to the Los Angeles Regional Water Quality Control Board at least 45 days prior to the start of dewatering and compliance with all applicable provisions in the permit, including water sampling, analysis, and reporting of dewatering-related discharges.

Public Services

- **(Payment of School Development Fee):** Prior to issuance of a building permit, the General Manager of the City of Los Angeles, Department of Building and Safety, or designee, shall ensure that the Applicant has paid all applicable school facility development fees in accordance with California Government Code Section 65995.

- **(Increased Demand For Parks Or Recreational Facilities):** Pursuant to Ordinance 184,505, the applicant shall pay the park mitigation fees for construction of apartment buildings.

Public Utilities

- **(Green Building Code):** The Project shall implement all applicable mandatory measures within the LA Green Building Code that would have the effect of reducing the Project's water use.

- **(Landscape):** The Project shall comply with Ordinance No. 170,978 (Water Management Ordinance), which imposes numerous water conservation measures in landscape, installation, and maintenance (e.g., use drip irrigation and soak hoses in lieu of sprinklers to lower the amount of water lost to evaporation and overspray, set automatic sprinkler systems to irrigate during the early morning or evening hours to minimize water loss due to evaporation, and water less in the cooler months and during the rainy season).

- **(Construction Waste Recycling):** In accordance with LAMC Section 99.04.408, the Proposed Project would reduce construction waste by at least 50 percent. In compliance with the LAMC Section 66.32, the General Contractor shall utilize solid waste haulers, contractors, and recyclers who have obtained an Assembly Bill (AB) 939 Compliance Permit from the City of Los Angeles Bureau of Sanitation.

END

I. INTRODUCTION

PROJECT INFORMATION

Project Title: Avenue 34 Project

Project Location: 3401-3437 N. Pasadena Avenue and 123-167 W. Avenue 34
Los Angeles, CA 90031

Project Applicant: ED1125, LLC
141 W. Avenue 34
Los Angeles, CA 90031

Lead Agency: City of Los Angeles
Department of City Planning
200 N. Spring Street, Room 621
Los Angeles, CA 90012

PROJECT SUMMARY

The Project involves the demolition of an 86,712 square-foot warehouse building, a 4,033 square-foot metal building, and portions of a 24,018 square-foot building and 3,521 square-foot building (constructed circa 1977, 1948, 1967 and 1929, respectively), and the construction of a mixed-use development with 372 residential dwelling units and 40,000 square feet of commercial floor area (comprised of 30,000 square feet of creative office and 10,000 square feet of retail space). The Project would renovate a portion of the existing floor area for creative office space. The Project would also reserve 11% of its base density (approximately 31 dwelling units) as very low income housing and include a ministerial density bonus. The development would include five buildings spanning the property, with approximately 524,600 square feet of floor area and an FAR of 2.6:1, below the maximum FAR of 3:1. The proposed buildings would range in height from one to five stories, with a maximum building height of approximately 67 feet above grade (75 feet as measured by LAMC). The Project would provide a total of 467 on-site parking spaces within one level of subterranean parking and at grade, and a total of 428 on-site bicycle parking stalls. All 39 on-site trees will be removed (all non-protected species); a total of 241 trees are proposed, including roof areas and street trees. No fireplaces or wood stoves are proposed.

The Applicant is requesting the following discretionary approvals: (1) Zoning Administrator's Adjustment to allow a 0-foot southerly side yard in lieu of 8 feet to preserve an existing building with a non-conforming yard; (2) Site Plan Review to permit the construction, use, and maintenance of the Project with more than 50 dwelling units; and (3) Clarification of Q Conditions to clarify Condition A.1.c of Subarea 4 in Ordinance 179,280. The Applicant will also request approvals and permits from the

Department of Building and Safety (and other regulatory agencies) for project construction activities which may include, but are not limited to, the following: excavation, shoring, grading, foundation, haul route (for the export of approximately 98,000 cubic yards (cy) of soil), removal and replacement of street trees, and building and tenant improvements for the Project Site.

ORGANIZATION OF THE INITIAL STUDY

This expanded IS/MND is organized into six sections as follows:

Initial Study Checklist: This Section contains the completed IS Checklist showing the significance level under each environmental impact category.

Introduction: This Section provides introductory information such as the Proposed Project title, the Project Applicant, and the lead agency for the Proposed Project.

Project Description: This Section provides a detailed description of the Proposed Project including the environmental setting, project characteristics, related project information, and environmental clearance requirements.

Environmental Impact Analysis: This Section contains an assessment and discussion of impacts for each environmental issue identified in the Initial Study Checklist. Where the evaluation identifies potentially significant effects, mitigation measures are provided to reduce such impacts to less-than-significant levels.

Preparers of the Initial Study and Persons Consulted: This Section provides a list of consultant team members and governmental agencies that participated in the preparation of the IS.

References, Acronyms and Abbreviations: This Section includes various documents and information used and referenced during the preparation of the IS, along with a list of commonly used acronyms.

Technical Appendices: Technical appendices that have been referenced and summarized in the IS/MND are provided in a separate bound volume. The technical appendices include technical reports and calculation worksheets for the following issue areas: air quality, trees, geology/soils, greenhouse gas emissions, environmental hazards, drainage, noise, traffic, and utility will serve letters. A complete list of technical appendices is identified in the table of contents to the IS/MND.

II. PROJECT DESCRIPTION
A. PROJECT LOCATION

PROJECT LOCATION

The Project Site is located in the Northeast Los Angeles Community Plan area within the City of Los Angeles, approximately 2.5 miles north of Downtown Los Angeles. The location of the Project Site within the City of Los Angeles and the greater Los Angeles region is depicted in Figure II-1, Project Location Map. The Project Site includes approximately 219,320 square feet of lot area (5.03 acres). The Project Site's property addresses, Assessor's Parcel Numbers (APN), land use and lot area are summarized in Table II-1, Summary of the Project Site, below.

Table II-1
Summary of the Project Site

Address	APN	Existing Land Use	Approximate Lot Area (square feet)
3401 N. Pasadena Avenue 3407 N. Pasadena Avenue 3411 N. Pasadena Avenue 3413 N. Pasadena Avenue 3415 N. Pasadena Avenue 3417 N. Pasadena Avenue 3419 N. Pasadena Avenue	5205004003	One 24,018 square foot light manufacturing facility building and paved surface parking	28,793
153 W. Avenue 34	5205004005	One 3,521 square foot light manufacturing building and paved surface loading/parking area	4,800
3425 N. Pasadena Avenue 3431 N. Pasadena Avenue 3433 N. Pasadena Avenue 3437 N. Pasadena Avenue	5205004007	One 4,033 square foot light manufacturing facility building and paved surface parking	28,145
123 W. Avenue 34 131 W. Avenue 34 135 W. Avenue 34 141 W. Avenue 34 143 W. Avenue 34 145 W. Avenue 34 147 W. Avenue 34 149 W. Avenue 34 151 W. Avenue 34 161 W. Avenue 34	5205004011	One 86,712 square foot warehouse facility and paved surfacing loading/parking area	149,503
155 W. Avenue 34	5205004011	Paved surface loading/parking area	4,800
165 W. Avenue 34	5205004011	Paved surface loading/parking area	2,981
167 W. Avenue 34	5205004011	Paved surface loading/parking area	275
		TOTAL SITE AREA:	**219,320**[a]

[a] *The approximate lot area identified for each individual lot is based on the City's ZIMAS database. The total lot area is based on the Alta Survey, which was prepared for purposes of determining the total lot area of the Project Site.*
Source(s): City of Los Angeles Department of Planning, Zone Information and Map Access System, website: http://zimas.lacity.org/, accessed February 2016; Partner Engineering and Science, Inc., ALTA/ACSM Land Title Survey, 2015.

Source: Google Maps, 2016.

PARKER ENVIRONMENTAL CONSULTANTS

Figure II-1
Project Location Map

REGIONAL AND LOCAL ACCESS

Primary regional access to the Project Site is provided by the Arroyo Seco Parkway (SR-110) to the north and west and the Golden State Freeway (I-5) to the west. The Arroyo Seco Parkway and Golden State Freeway interchange is located to the west of the Project Site.

Local street access is provided by Pasadena Avenue and Avenue 34. Pasadena Avenue, which borders the Project Site to the east, is a two-way north and southbound street providing one travel lane in each direction in the vicinity of the Project Site. Pasadena Avenue is designated as an Avenue II roadway. Avenue 34, which borders the Project Site to the south, is a two-way east and westbound street providing one travel lane in each direction in the vicinity of the Project Site. Avenue 34 is designated as a modified local street.

The Los Angeles County Metropolitan Transportation Authority (MTA) provides an extensive system of bus lines in the Northeast Los Angeles Community Plan area. The Metro Gold Line Rail Station and a number of MTA bus routes are within reasonable walking distance from the Project Site (less than approximately one-quarter mile), providing access for residents, employees and patrons of the Project Site. Local MTA Rail service includes the Metro Gold Line that provides light rail service from Azusa to East Los Angeles via Downtown Los Angeles. MTA bus lines that provide service in the vicinity of the Project Site include MTA Line 83 (between Downtown Los Angeles and Eagle Rock area) and Line 251/252 (between Montecito Heights and Lynwood area). Given the transfer opportunities through the MTA Gold Line and bus services, the Project Site is easily accessible and highly connected with the City of Los Angeles and the greater Los Angeles area.

HIGH PRIORITY TRANSIT AREA

In 2013, the State of California enacted Senate Bill 743 (SB 743), which provides that "aesthetic and parking impacts of a residential, mixed-use residential, or employment center project on an infill site within a transit priority area shall not be considered significant impacts on the environment." Public Resources Code Section 21099 defines a "transit priority area" as an area within one-half mile of a major transit stop that is "existing or planned, if the planned stop is scheduled to be completed within the planning horizon included in a Transportation Improvement Program adopted pursuant to Section 450.216 or 450.322 of Title 23 of the Code of Federal Regulations." Public Resources Code Section 21064.3 defines "Major Transit Stop" as "a site containing an existing rail transit station, a ferry terminal served by either a bus or rail transit service, or the intersection of two or more major bus routes with a frequency of service interval of 15 minutes or less during the morning and afternoon peak commute periods." Public Resources Code Section 21061.3 defines an "Infill Site" as a lot located within an urban area that has been previously developed, or on a vacant site where at least 75 percent of the perimeter of the site adjoins, or is separated only by an improved public right-of-way from, parcels that are developed with qualified urban uses.

The Proposed Project is classified as a mixed-use residential project and is located on an infill site within a Transit Priority Area as defined by CEQA. The City of Los Angeles also identifies the Project Site as being within a transit priority area per the Department of City Planning's Zoning Information File ZI No. 2452, Transit Priority Areas (TPAs)/Exemptions to Aesthetics and Parking within TPAs Pursuant to CEQA.[1] As shown in Figure II-1, Project Vicinity Map the Project Site is approximately 600 feet (walking distance) south of the Heritage Square/Arroyo Metro rail transit station, which is a transit hub served by Metro Red Line and provides access to other parts of the City of Los Angeles and the metropolitan area. Public bus and rail transit services within the Project Site are currently provided by Los Angeles County Metropolitan Transit Authority (Metro), and LADOT DASH.

ZONING AND LAND USE DESIGNATIONS

Project Site

The Proposed Project is located within Subarea 4 of the Northeast Los Angeles Community Plan Ordinance Maps and is zoned [T][Q]CM-2D. Pursuant to Ordinance 179280, limitations imposed upon the use of property subject to the permanent "Q" Qualified Classification or "D" Development Limitation are imposed pursuant to Section 12.32K and 12.32G, respectively, of the Los Angeles Municipal Code. The "Q" Qualified Conditions are indicated by the symbol "[Q]" in brackets proceeding the proposed zoning designation (for example, [Q]C2). The "D" Development Limitations are indicated by a "D" following the height district designation (for example, C2-2D). The Proposed Project would be required to comply with the site-specific "D" Development Limitations and [Q] Conditions, which relate to site planning, pedestrian access, building design, architectural details, walls and fences, landscaping, and mechanical, security and trash equipment. The Project Site's [Q] Conditions also impose site-specific Environmental Conditions, which relate to the general aesthetic appearance, upkeep, and character of the Project Site. The Proposed project would be designed and operated in a manner that complies with all applicable [Q] Qualified Zoning and Environmental Conditions as identified in the Regulatory Compliance Measures section of this document.

Northeast Los Angeles Community Plan

The Project Site is located within Lincoln Heights neighborhood within the Northeast Los Angeles Community Plan ("Community Plan") area of the City of Los Angeles. The Community Plan area ("CPA") was greatly influenced by the development of the freeway system, suburbanization, and the decentralization of commercial and industrial land uses that followed WWII. This caused the arrangement of land uses within the CPA to change, and the relationship of the CPA with the rest of the expanding metropolis. The Northeast Los Angeles Community Plan aims to preserve and enhance the character of Northeast Los Angeles by strengthening the viability and identity of its neighborhoods and communities and improving the quality of life of all its residents. Lincoln Heights is located east of the Los Angeles

[1] *City of Los Angeles, Department of City Planning, Zoning Information File, ZI No. 2452, Transit Priority Areas (TPAs) / Exemptions to Aesthetics and Parking within TPAs Pursuant to CEQA, website: http://zimas.lacity.org/documents/zoneinfo/ZI2452.pdf, accessed March 7, 2016.*

River and south of the Arroyo Seco. The Project Site is designated as "Commercial Manufacturing." The Commercial Manufacturing land use designation corresponds to the CM and P zones. The Project is consistent with the existing General Plan Land Use and Zoning Designations.

The Project Site is also located within several identified or mapped planning policy areas that have been adopted for the purposes of incentivizing development and/or providing specific development standards that are appropriate for the Project area. Namely, these plans and policy areas include the following: the Cornfield Arroyo Seco Specific Plan Area, the East Los Angeles State Enterprise Zone, the Adaptive Reuse Incentive Area, and a Transit Oriented Development Site.

Cornfield Arroyo Seco Specific Plan

The Project Site was initially included within the proposed boundaries of the Cornfield Arroyo Seco Specific Plan (CASP) study area and was evaluated within the scope of the CASP EIR.[2] However, the Project Site was specifically omitted from the CASP prior to adoption and instead is uniquely regulated by a specific set of development standards and guidelines established by Ordinance 179,280 independent from the surrounding Specific Plan Area.[3] Therefore, the underlying provisions of the LAMC and the site-specific "[Q]" Conditions under Ordinance 179,280 prevail, and are the basis for all development standards and guidelines for the Project Site.

EXISTING CONDITIONS

Figure II-3, Aerial Photograph and Photograph Location Map, shows an aerial view of the Project Site and identifies the location points for the site photographs and surrounding land use photographs. Site photographs and photographs of surrounding land uses are shown in Figure II-4, Views of the Project Site, and Figure II-5, Views of the Surrounding Land Uses, respectively. The Project Site is currently developed with a an active warehouse facility that is comprised of four light manufacturing and warehouse buildings, paved surface parking, and loading areas, as seen in Figure II-4, below. The buildings include an 86,712 square-foot warehouse building, a 4,033 square-foot metal building, a 24,018 square-foot building, and a 3,521 square-foot building, constructed circa 1977, 1948, 1967 and 1929, respectively. The Los Angeles Historic Resources Inventory and Survey LA determined that none of the four buildings meet the eligibility standards for historic listing. The perimeter of the Project Site is lined with a fence. Six driveways off the north side of Avenue 34 and two driveways off the west side of Pasadena Avenue provide access to the Project Site. Sliding gates secure the driveways and access on-site.

---

2 *Final EIR for the Cornfield Arroyo Specific Plan (ENV-2009-599-EIR, CPC-2009-598-SP, State Clearinghouse No. 2009031002, dated August 2012.*

3 *Although several of the maps and exhibits in the printed version of the CASP still show the Project Site as being within the CASP boundaries, the map exhibits on pages 2-13 and 2-35 of the CASP properly exclude the Project Site.*

A total of 39 non-protected ornamental trees and shrubs exist throughout the Project Site. The trees are mainly located along Avenue 34 and along the large warehouse building and the two smaller buildings on Avenue 34. The trees species consist of Canary Pine, Raywood Ash, Olive, Fan Palm, Chinese Elm, and Silver Dollar Eucalyptus. Three street trees exist along Pasadena Avenue bordering the Project Site.

Utility posts and cables border the Project Site along the west side of Pasadena Avenue. Utility posts and cables line the south side of Avenue 34, not directly bordering the Project Site. Utility cables from the south side of Avenue 34 extend onto the Project Site and connect to utility posts on-site. Additionally there are four street lights along the north side of Avenue 34 and three street lights along the west side of Pasadena Avenue that border the Project Site.

SURROUNDING LAND USES

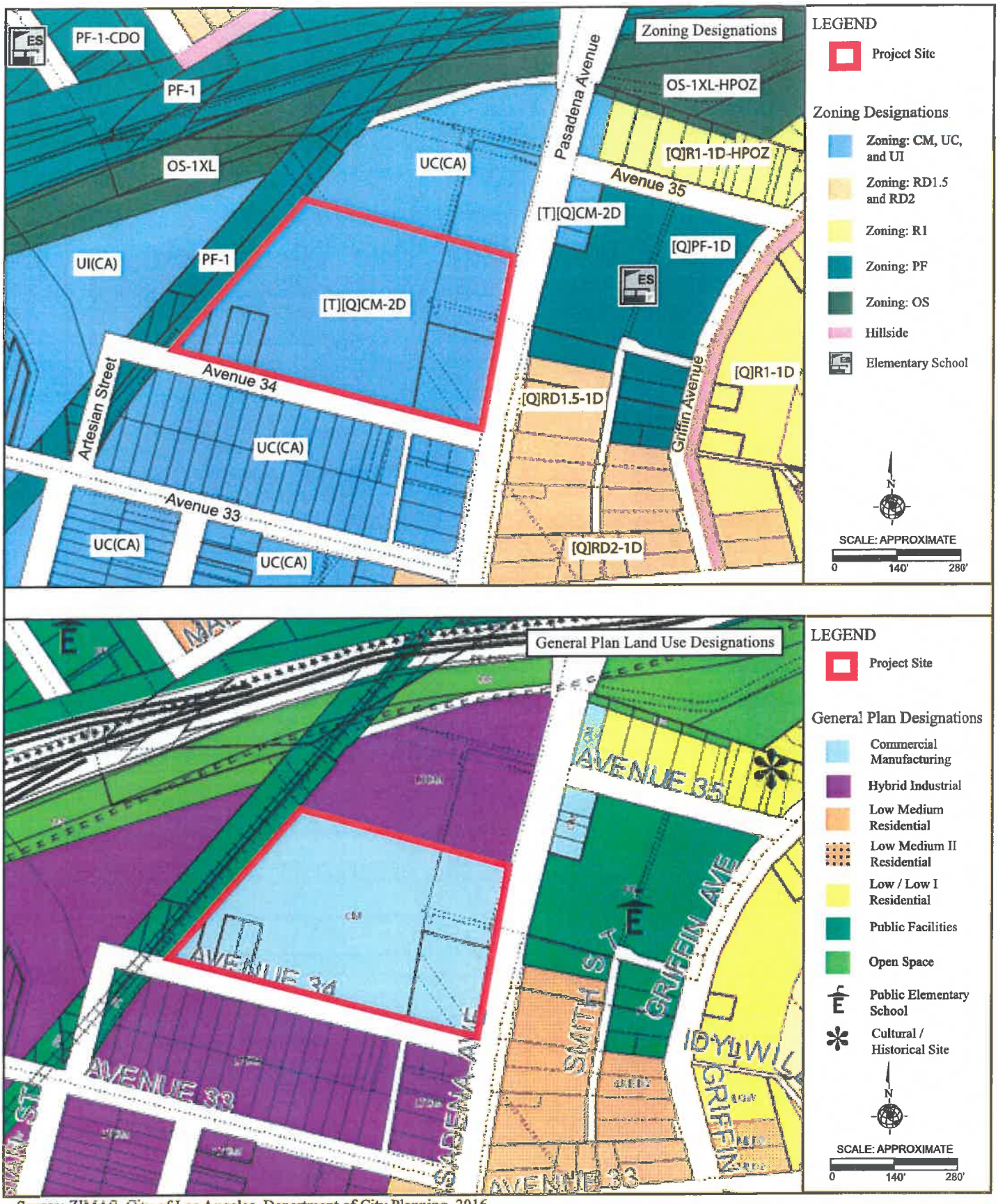
The properties surrounding the Project Site include commercial, multi-family residential, single-family residential, and vacant lot. Photographs of the land uses immediately surrounding the Project Site are provided in Figure II-5, Photographs of the Surrounding Land Uses. The Project Site is generally bound by a vacant undeveloped lot to the north, Pasadena Avenue to the east, Avenue 34 to the south, and rail right-of-way to the west. Pasadena Avenue is a Modified Avenue II with a designated half right-of-way of 38 feet and a current half right-of-way of 38 feet. Avenue 34 is a Modified Local Street (Standard) with a designated half right-of-way of 30 feet; the current half right-of-way is 25 feet.

North: To the north, the Project Site is bordered by a vacant undeveloped lot. The lot is secure with a fence along the perimeter. See Figure II-5, Views 7. The property to the north of the Project Site has a land use designation of Hybrid Industrial. Properties to the north of the Project Site on the west side of Pasadena Ave south of Arroyo Seco that connects with the Los Angeles River is zoned Urban Center within the Cornfield Arroyo Seco Specific Plan (CASP).

East: Properties to the east of the Project Site along the east side of Pasadena Avenue are zone [Q]RD2-1D, [Q]RD1.5-1D, [Q]PF-1D, and [T][Q]CM-2D and are developed with commercial, educational, and multi-family residential land uses. The properties to the east have a land use designation of Commercial Manufacturing, Public Facilities, and Low Medium II Residential. See Figure II-5, View 8 and View 9.

South: The properties along Avenue 34 to the south of the Project Site are zoned Urban Center within the CASP and are improved with commercial and single-family uses. The properties to the south of the Project Site have a land use designation of Hybrid Industrial and Low Medium Residential. See Figure II-5, View 10 and View 11.

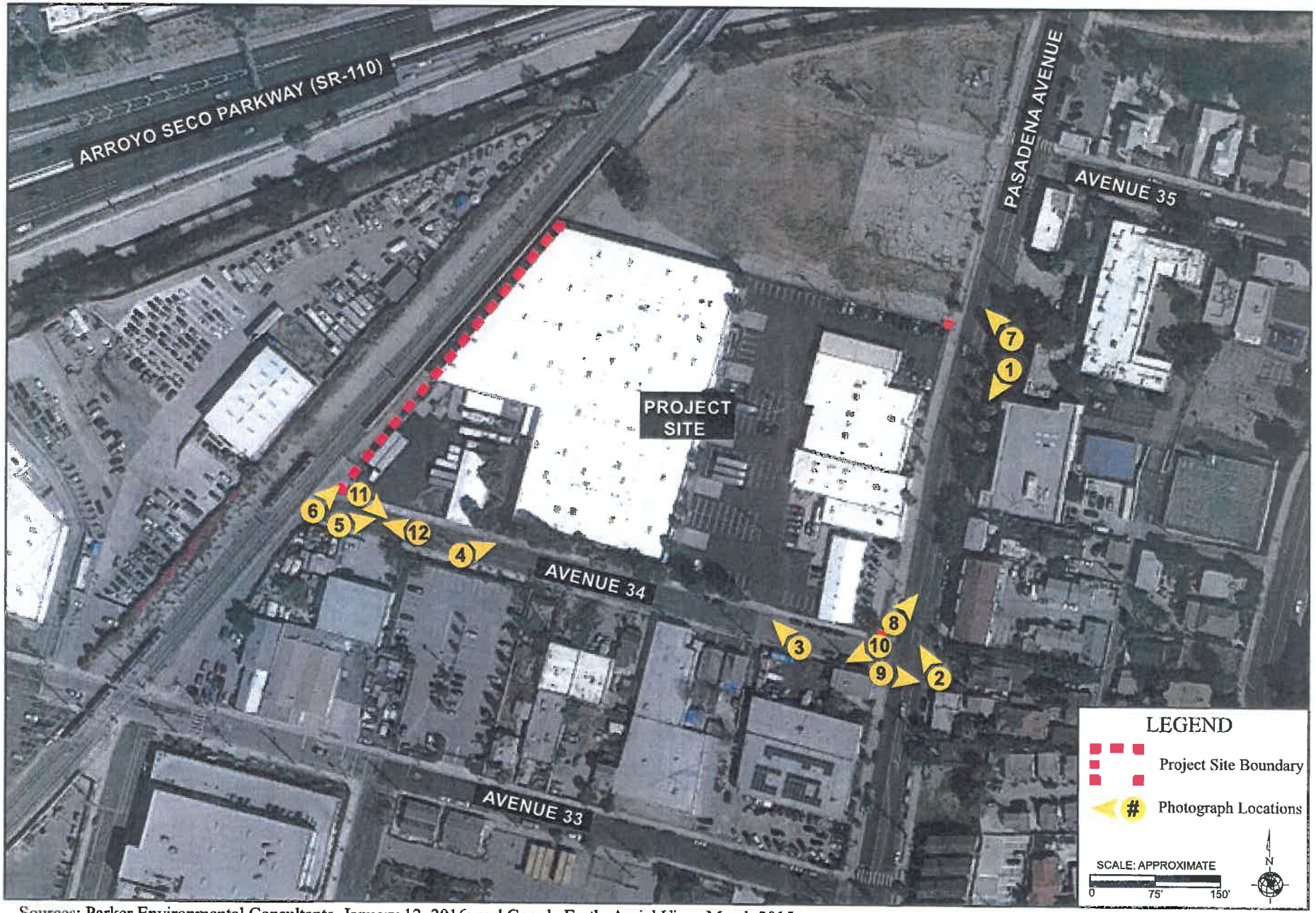
West: A railroad right-of-way serving the light-rail Metro Gold Line borders the Project Site along the west side of the site. The property beyond the railroad right-of-way is zoned Urban Innovation within the CASP and is developed with industrial uses. This property has a land use designation of Hybrid Industrial. See Figure II-5, View 12.



Source: ZIMAS, City of Los Angeles, Department of City Planning, 2016

PARKER ENVIRONMENTAL CONSULTANTS

Figure II-2
Zoning and General Plan Land Use Designations



Sources: Parker Environmental Consultants, January 12, 2016; and Google Earth, Aerial View, March 2015.

PARKER ENVIRONMENTAL CONSULTANTS

Figure II-3
Aerial Photograph and Photograph Location Map

View 1: From the east side of Pasadena Avenue, looking southwest at the Project Site.

View 2: From the east side of Pasadena Avenue, looking northwest at the Project Site.

View 3: From the south side of Avenue 34, looking northwest at the Project Site.

View 4: From the south side of Avenue 34, looking east at the Project Site.

View 5: From the south side of Avenue 34, looking northeast at the Project Site.

View 6: From the south side of Avenue 34, looking northeast at the Project Site.

Source: Parker Environmental Consultants, January 12, 2016.

PARKER
ENVIRONMENTAL CONSULTANTS

Figure II-4
Photographs of the Project Site
Views 1-6

View 7: From the east side of Pasadena Avenue, looking northwest at the property to the north of the Project Site.

View 8: From the west side of Pasadena Avenue, looking northeast at the properties to the east of the Project Site.

View 9: From the west side of Pasadena Avenue, looking east at the properties to the east of the Project Site.

View 10: From the north side of Avenue 34, looking northeast at the properties to the south of the Project Site.

View 11: From the north side of Avenue 34, looking southeast at the properties to the south of the Project Site.

View 12: From Avenue 34, looking west at the Railroad Right of Way to the west of the Project Site.

Source: Parker Environmental Consultants, January 12, 2016

PARKER ENVIRONMENTAL CONSULTANTS

Figure II-5
Photographs of the Surrounding Land Uses
Views 7-12

1. PROPOSED DEVELOPMENT

The Proposed Project would is a transit-oriented mixed-use development that would include the construction of a mixed-use, transit-adjacent creative campus that would include 372 residential dwelling units and 40,000 square feet of commercial floor area (comprised of 30,000 square feet of creative office and 10,000 square feet of retail and restaurant space). The Proposed Project would reserve 11 percent of its base density (approximately 31 units) as very low income housing. The Proposed Project would renovate and reuse a portion of existing floor area. The Proposed Project would provide a total of 467 on-site parking spaces within one level of subterranean parking with some at grade surface parking. The development would include five buildings spanning the property, with approximately 524,600 square feet of floor area. The proposed buildings would range in height from one to five stories, with a maximum building height of approximately 67 feet above grade. A summary of the Proposed Project is provided in Table II-2, Proposed Development Program, below.

Table II-2
Proposed Development Program

Land Uses	Proposed Dwelling Units Mix	Proposed Floor Area (Square Feet)
Residential		
Building A		
Studio Units	29	--
1-Bedroom Units	4	--
2-Bedroom Units	34	--
Building B		
Studio Units	62	--
1-Bedroom Units	53	--
2-Bedroom Units	33	--
Building C		
Studio Units	76	--
1-Bedroom Units	53	--
2-Bedroom Units	28	--
Subtotal Residential	**372**	**484,600**
Commercial		
Creative Office Space	--	30,000
Retail/Restaurant		10,000
Subtotal Commercial	--	**40,000**
TOTAL	**372**	**524,600**

Source: Killefer Flammang Architects, November 4, 2016.

The Proposed Project has been designed to comply with the site-specific "D" Development Limitations and [Q] Conditions, which relate to site planning, pedestrian access, building design, architectural details, walls and fences, landscaping, and mechanical, security and trash equipment. The plan layout of the Proposed Project is depicted in Figure II-6, Conceptual Site Diagram.

Residential Uses

As shown in Table II-2, the Project proposes a total of 372 residential units in three buildings. The Proposed Project would reserve eleven percent of its base density (approximately 31 dwelling units) as very low income units. As such, the Proposed Project would include a ministerial density bonus pursuant to LAMC Section 12.22 A.25 for a 35 percent increase in permitted density to allow for 372 dwelling units in lieu of the base density of 275 dwelling units. The Proposed Project would include a total of 167 studio lofts, 110 one-bedroom apartments, and 95 two-bedroom apartments. The units would vary in size and configuration; units would range between approximately 500 square feet studio to 1,040 square feet two-bedroom apartment. An existing industrial building (approximately 3,521 square feet) at the southwest corner of the Project Site would be rehabilitated into the leasing office for the residential buildings. Residential amenities would be located throughout the Project Site, and would include a community room, gym, and swimming pool, among other amenities. Refer to Figure II-7, through Figure II-11 for the floor plans.

Commercial Uses

The Project also proposes 40,000 square feet of commercial space, including 30,000 square feet of creative office space and 10,000 square feet of retail and restaurant space. The retail component will be located on the ground floor of Building A, along Pasadena Avenue. The creative office component would be located in two creative office buildings, located on the southeast corner of the Project Site. One creative office building would front Pasadena Avenue and Avenue 34. The second creative office building would be located just north of the aforementioned creative office building and would front Pasadena Avenue; this creative office building would be one story and include entirely rehabilitated floor area (approximately 7,963 square feet).

FLOOR AREA

The Project Site includes approximately 219,320 square feet (5.03 acres) of gross lot area and approximately 203,960 square feet of buildable area. Pursuant to the LAMC, the allowable FAR on-site is 3:1, which would allow a total floor area of approximately 611,880 square feet. The Project proposes a total of 524,600 square feet with a corresponding FAR of 2.6:1.

DENSITY

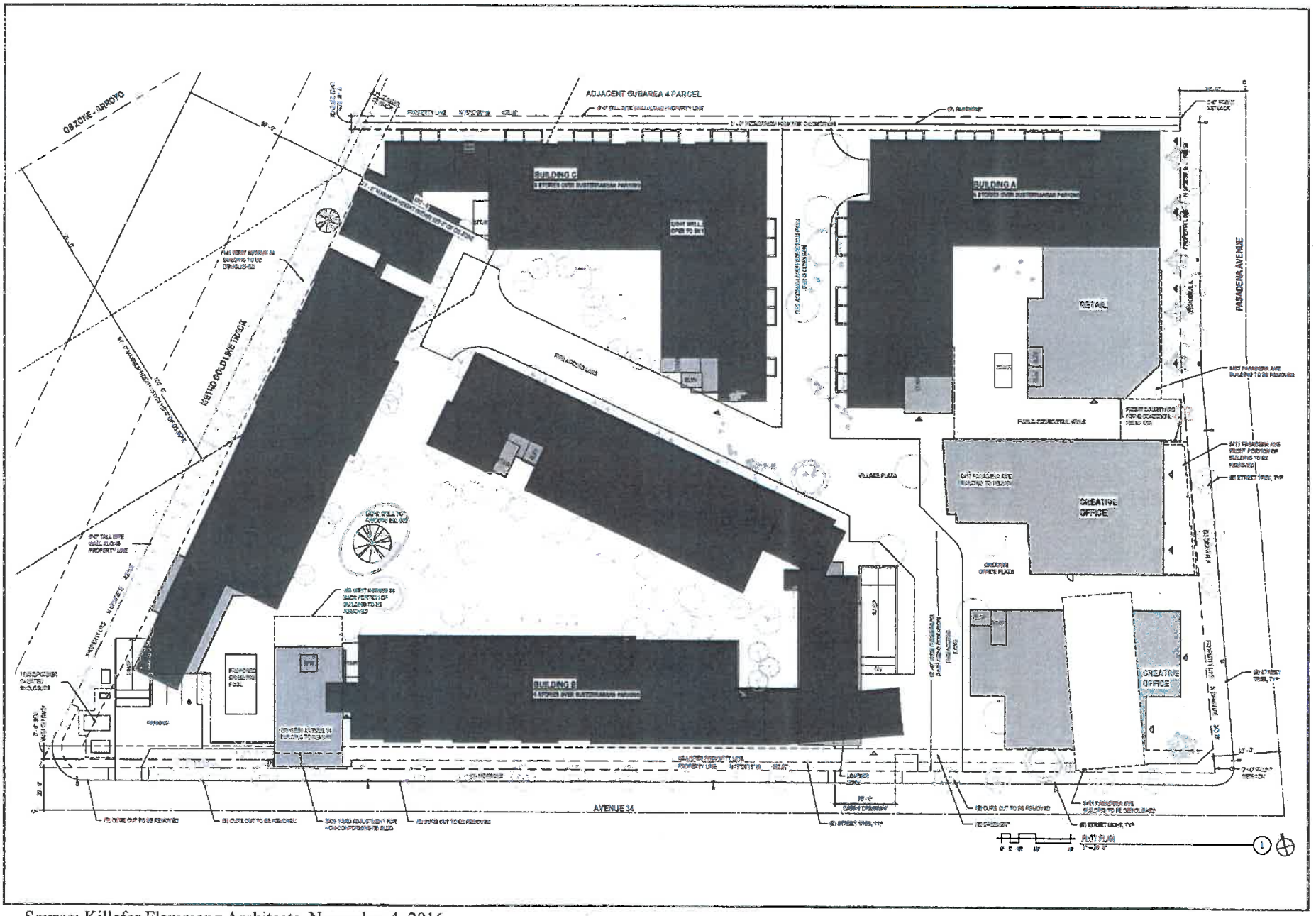
Pursuant to LAMC Section 12.17.1.A.1, residential land uses are permitted in a CM Zone with compliance with all the regulations of the R3 Zone, with the exception of any required front yard setbacks. As such, residential uses on the Project Site are limited to one dwelling unit per 800 square feet (or approximately 275 dwelling units for the Project Site based on a lot area of 219,320 square feet).

BUILDING HEIGHT

There is a 61'-0" height restriction for the portion of the Project Site within 199'-0" feet of the OS zone. The Project proposes a maximum height of approximately 67 feet (five stories) above grade and 75 feet as measured by the Los Angeles Municipal Code. The Project includes five buildings with varying elevations and step-backs. The Proposed Project's building elevations and building cross sections are depicted in Figures II-12 and II-13, and in Figure II-14, Building Sections, respectively.

ARCHITECTURAL FEATURES

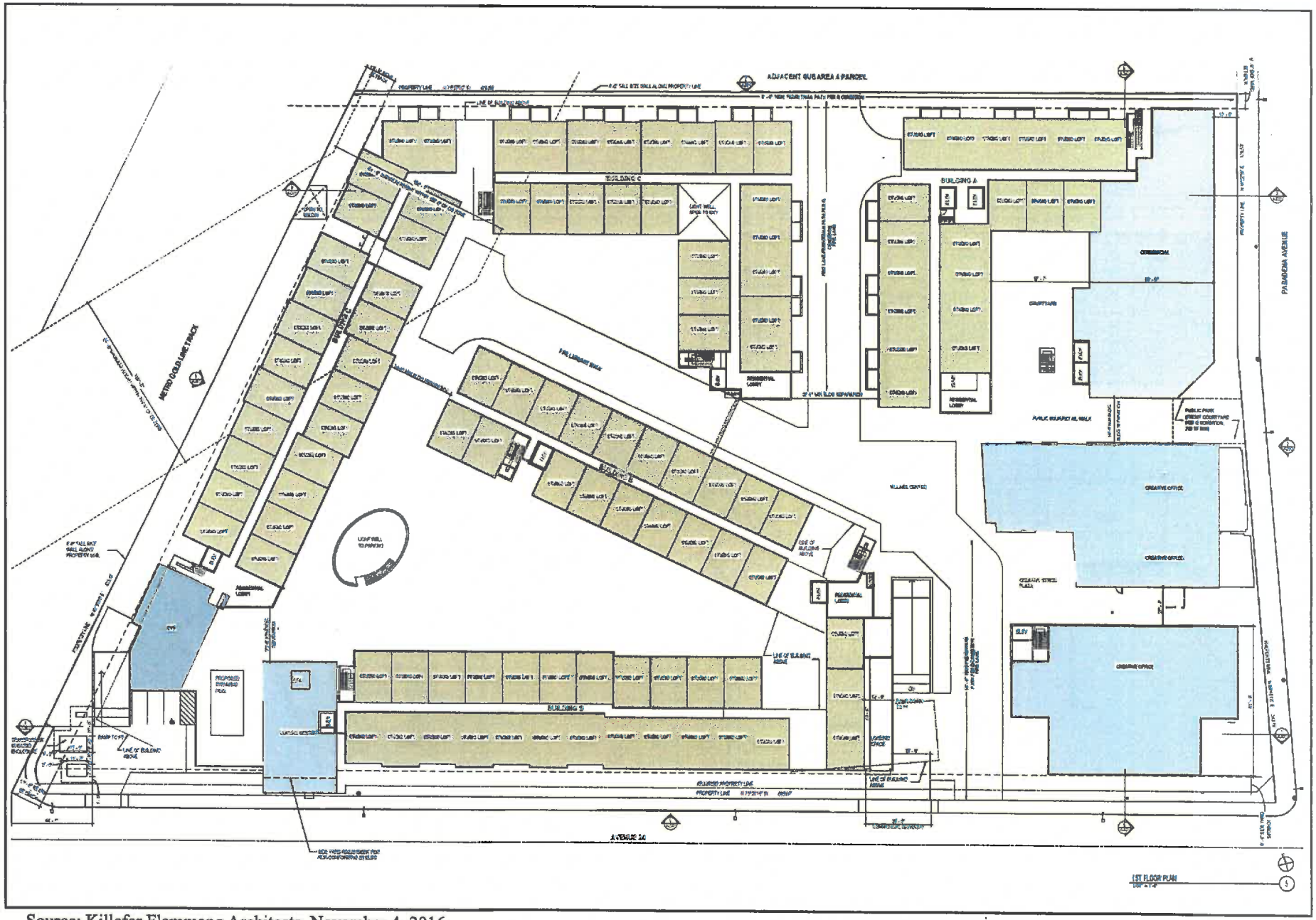
The Proposed Project includes the development of a mixed-use creative campus with multi-family units, creative office space, and retail/restaurant space. The proposed development includes the rehabilitation of a portion of the existing buildings on-site. The Proposed Project consists of a total of five buildings with the maximum height of five stories and approximately 67 feet above grade. The building facades are dynamic to break up the building massing and scale. The proposed buildings are developed around the village center with pedestrian paths radiating outward to site amenities on the periphery and to public sidewalk and streets. The Proposed Project would provide the majority of parking for the Project within the one level of subterranean parking. Additional spaces would be provided at grade for access to the leasing office off of the north side of Avenue 34 and commercial and creative office uses on the east side of the property. Building elevations and sections depicting the scale and massing of the proposed structure are shown in Figures II-12 through II-14. Illustrations depicting the scale and massing of the proposed structure is depicted in Figure II-15, Illustrative Renderings.



Source: Killefer Flammang Architects, November 4, 2016.

PARKER ENVIRONMENTAL CONSULTANTS

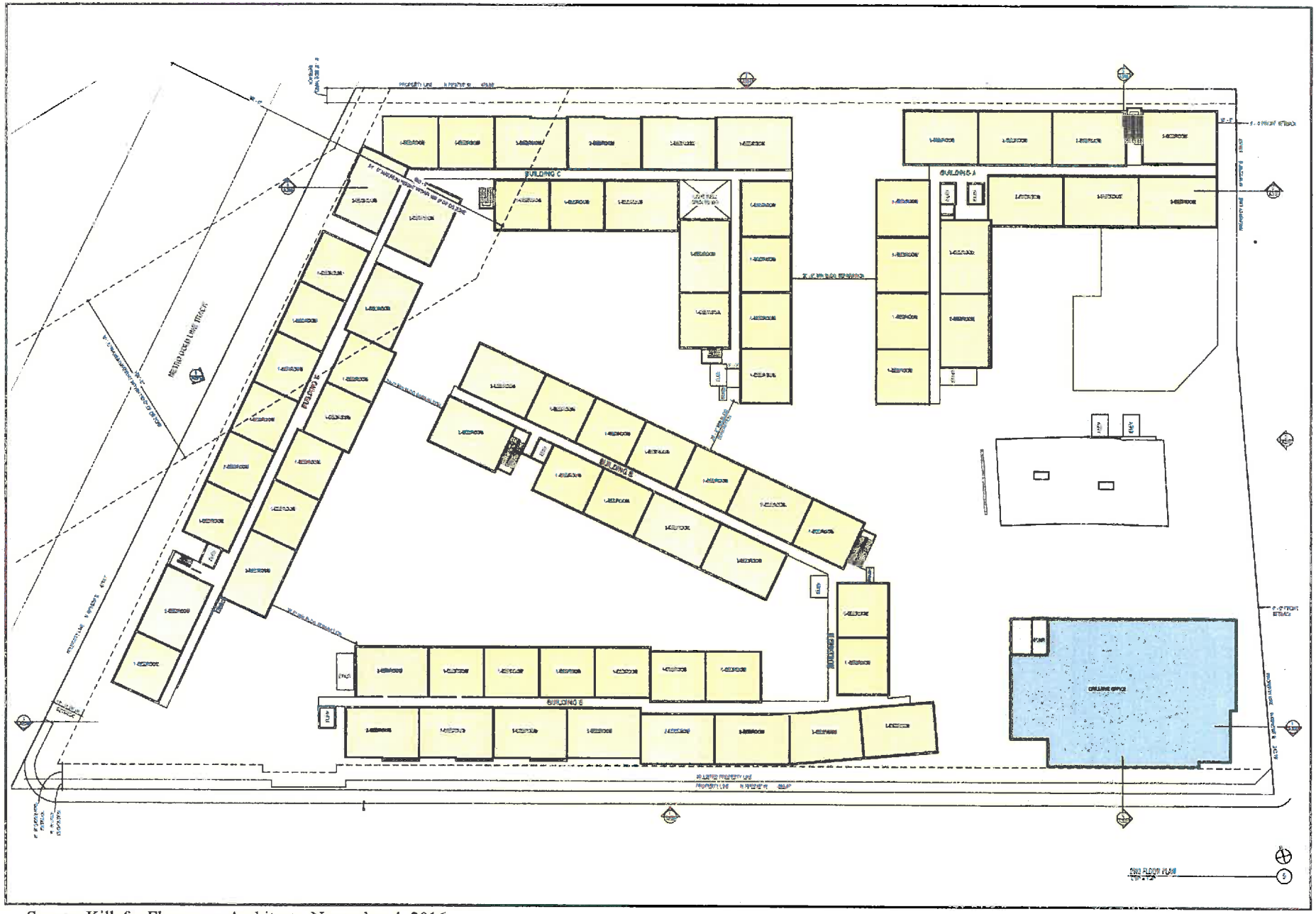
Figure II-6
Conceptual Site Diagram



Source: Killefer Flammang Architects, November 4, 2016.

PARKER ENVIRONMENTAL CONSULTANTS

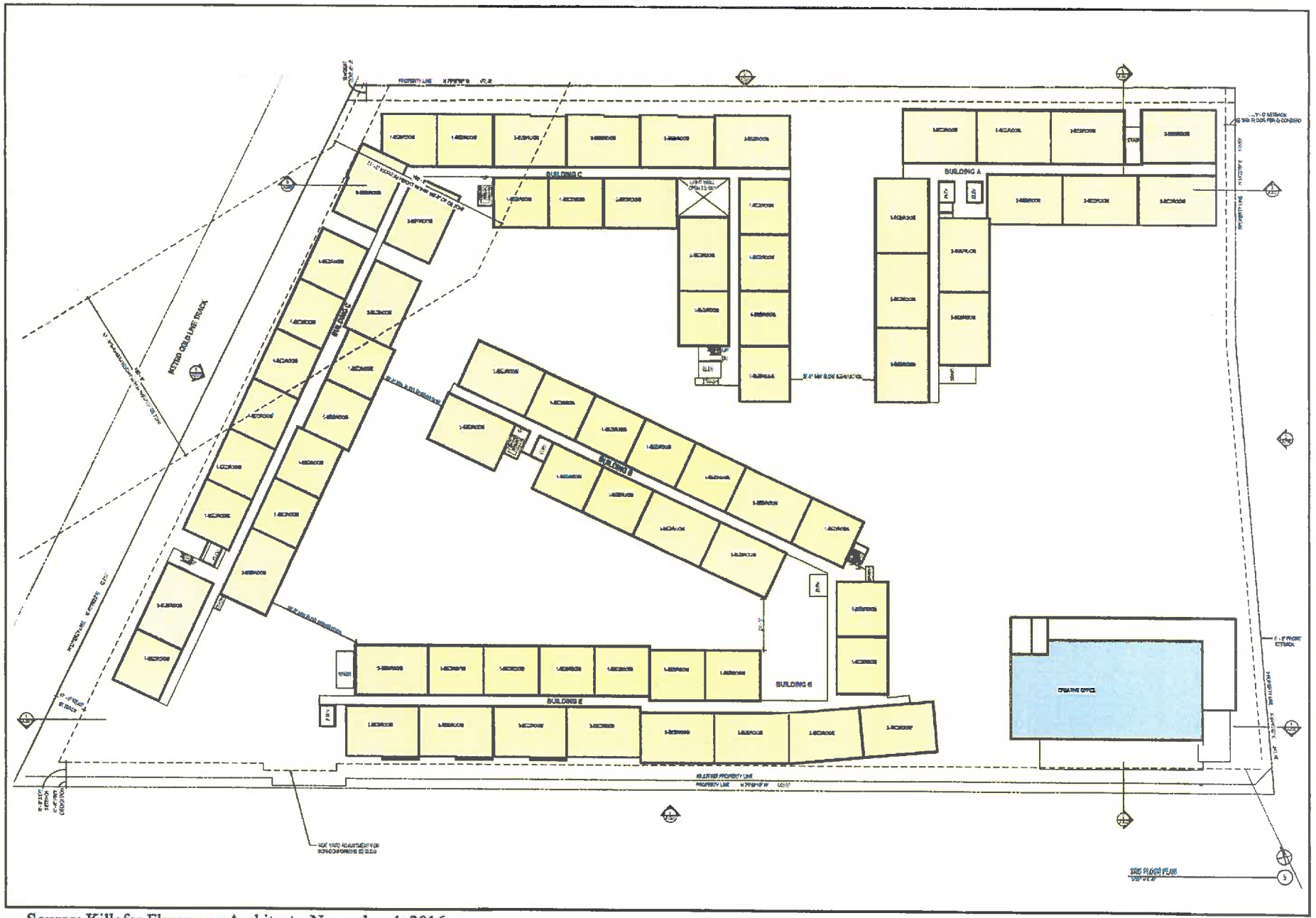
Figure II-7
First Level Floor Plan



Source: Killefer Flammang Architects, November 4, 2016.

PARKER ENVIRONMENTAL CONSULTANTS

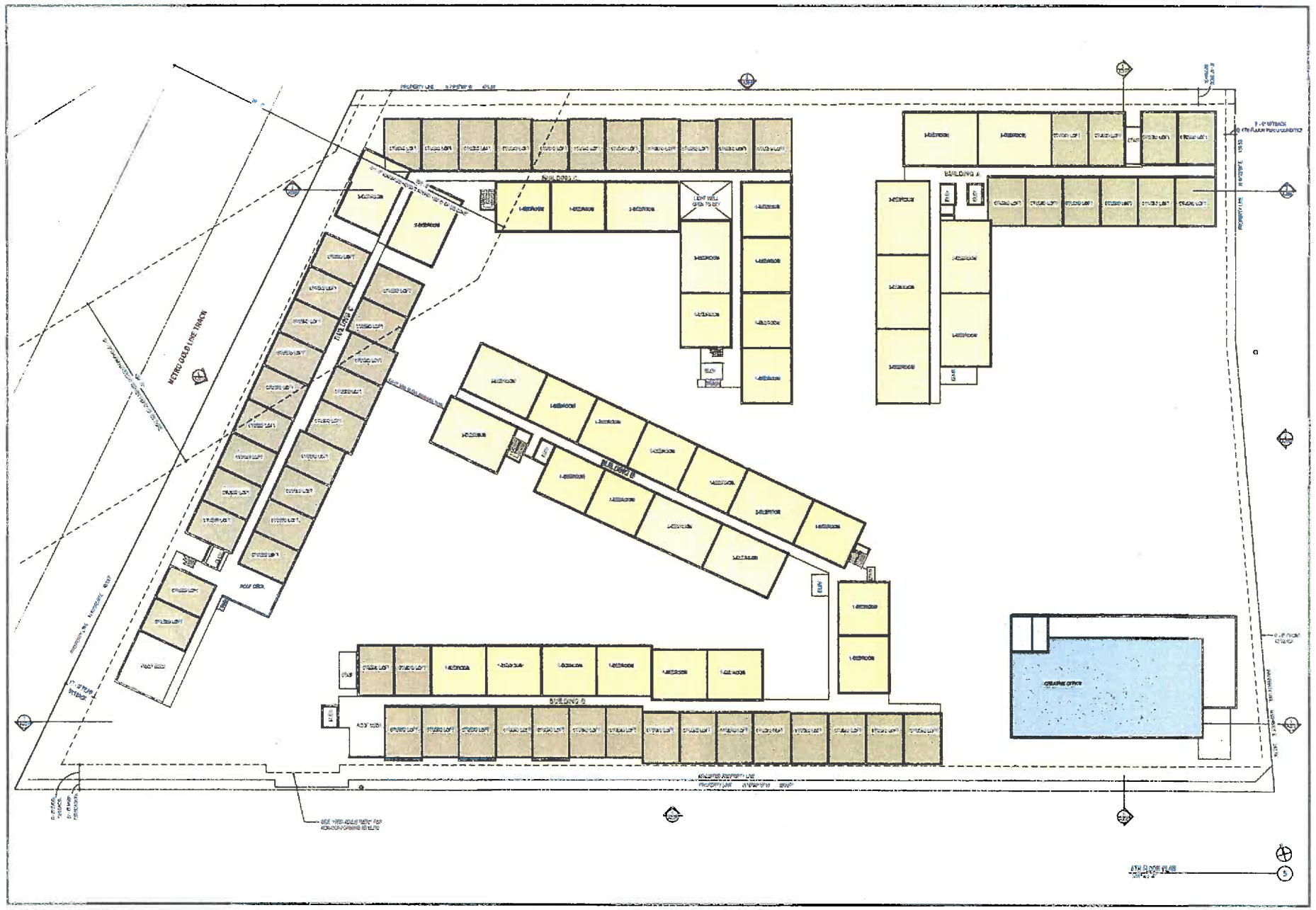
Figure II-8
Second Level Floor Plan



Source: Killefer Flammang Architects, November 4, 2016.

PARKER ENVIRONMENTAL CONSULTANTS

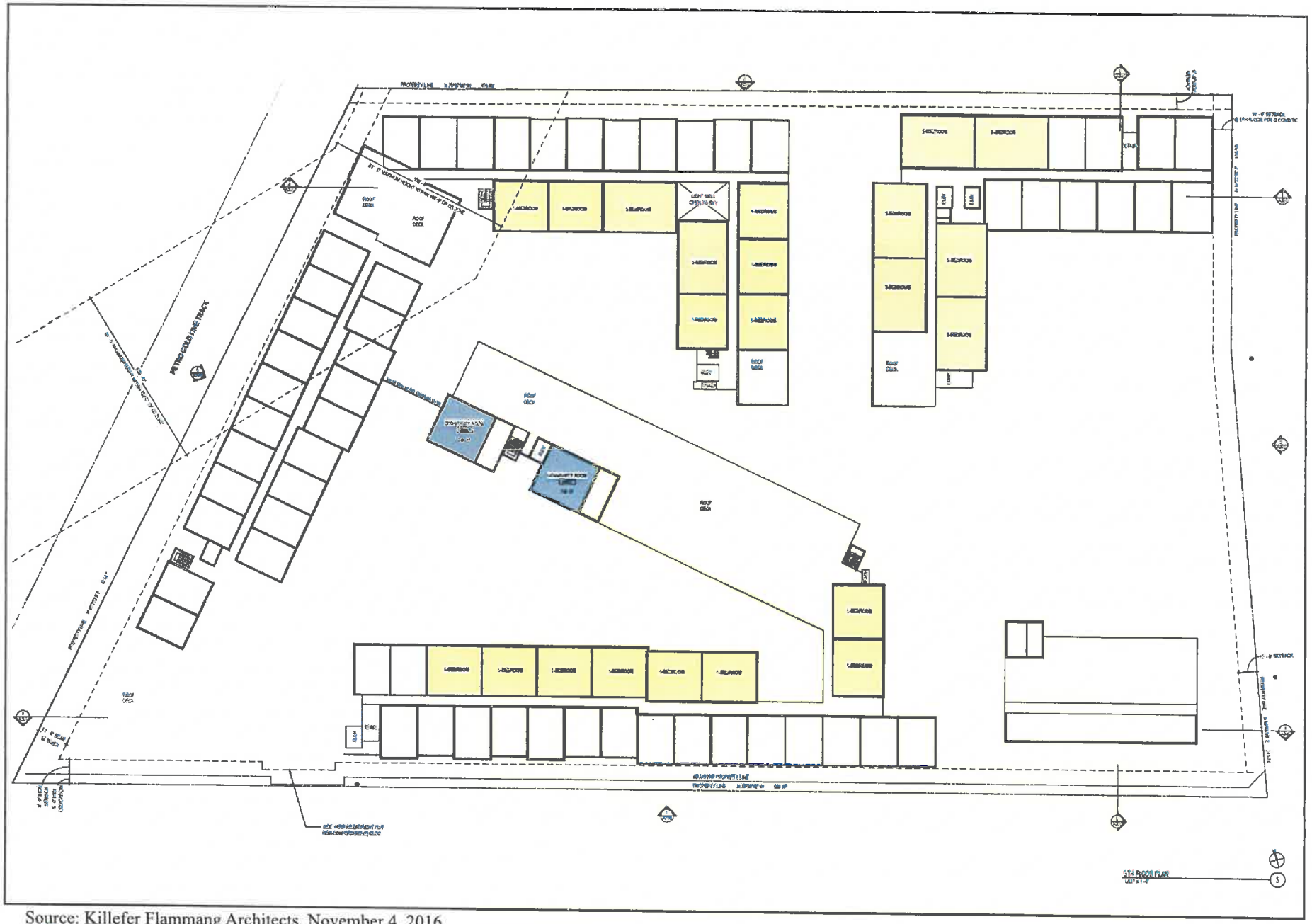
Figure II-9
Third Level Floor Plan



Source: Killefer Flammang Architects, November 4, 2016.

PARKER ENVIRONMENTAL CONSULTANTS

Figure II-10
Fourth Level Floor Plan



Source: Killefer Flammang Architects, November 4, 2016.

PARKER
ENVIRONMENTAL CONSULTANTS

Figure II-11
Fifth Level Floor Plan

Source: Killefer Flammang Architects, November 4, 2016.

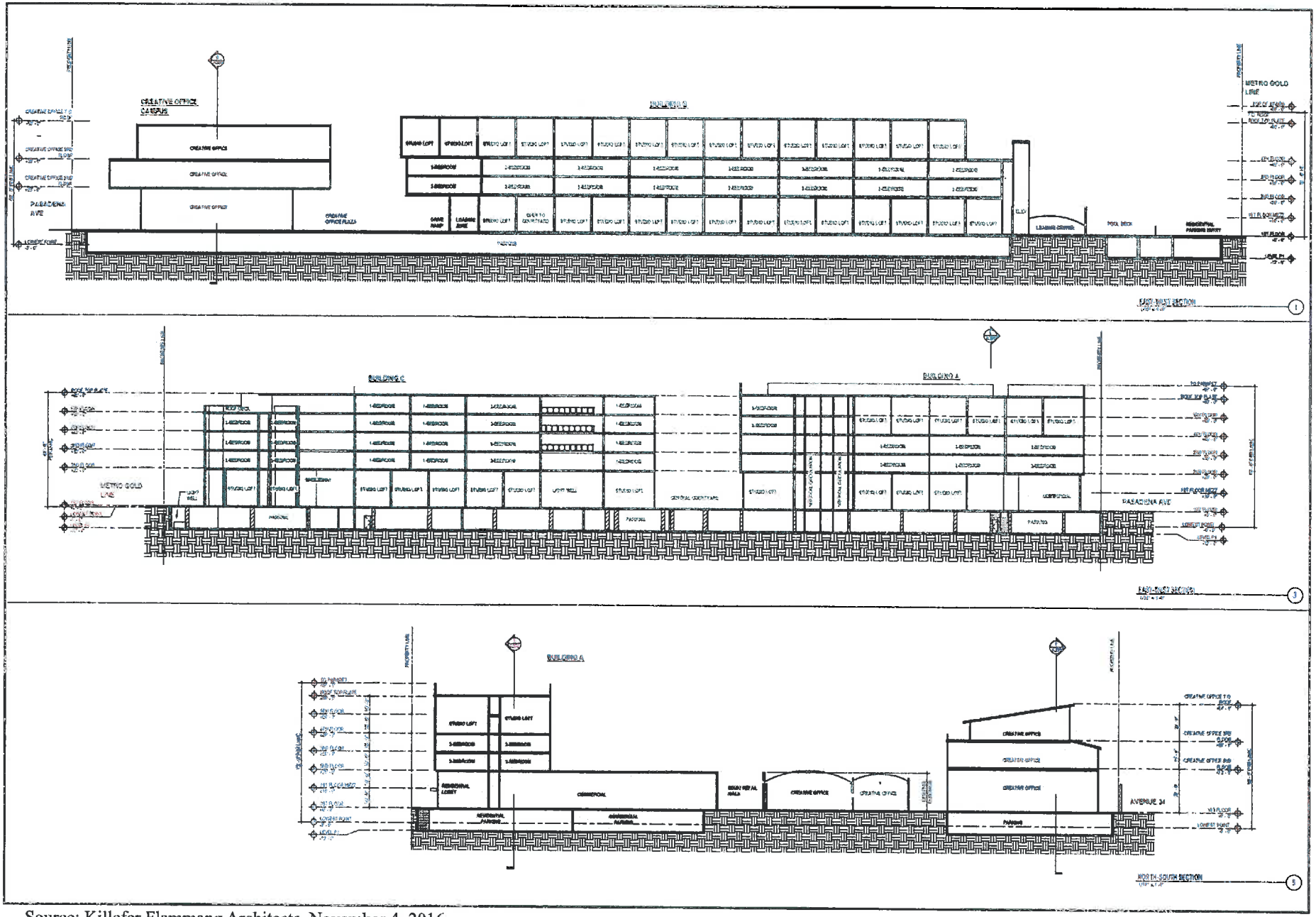
PARKER
ENVIRONMENTAL CONSULTANTS

Figure II-12
East and South Building Elevations

Source: Killefer Flammang Architects, November 4, 2016.

PARKER
ENVIRONMENTAL CONSULTANTS

Figure II-13
North and West Building Elevations



Source: Killefer Flammang Architects, November 4, 2016.

PARKER ENVIRONMENTAL CONSULTANTS

Figure II-14
Building Sections

RESIDENTIAL ENTRANCE

CREATIVE OFFICE CORNER

Source: Killefer Flammang Architects, November 4, 2016.

PARKER
ENVIRONMENTAL CONSULTANTS

Figure II-15
Illustrative Renderings

OPEN SPACE AND LANDSCAPING

The residential open space requirements and amount of open space proposed for the Project are summarized in Table II-3, below. Pursuant to the LAMC 12.21.G, the Project would be required to provide 39,575 square feet of open space on site. The Project proposes 39,575 square feet of open space pursuant to the LAMC. The Proposed Project may include a variety of on-site amenities including, but not limited to, common open space, community gardens, a roof deck, pool deck, barbecue pits, and a gymnasium. Refer to Figure II-16, Residential Open Space Plan, for the location of the proposed residential open space areas.

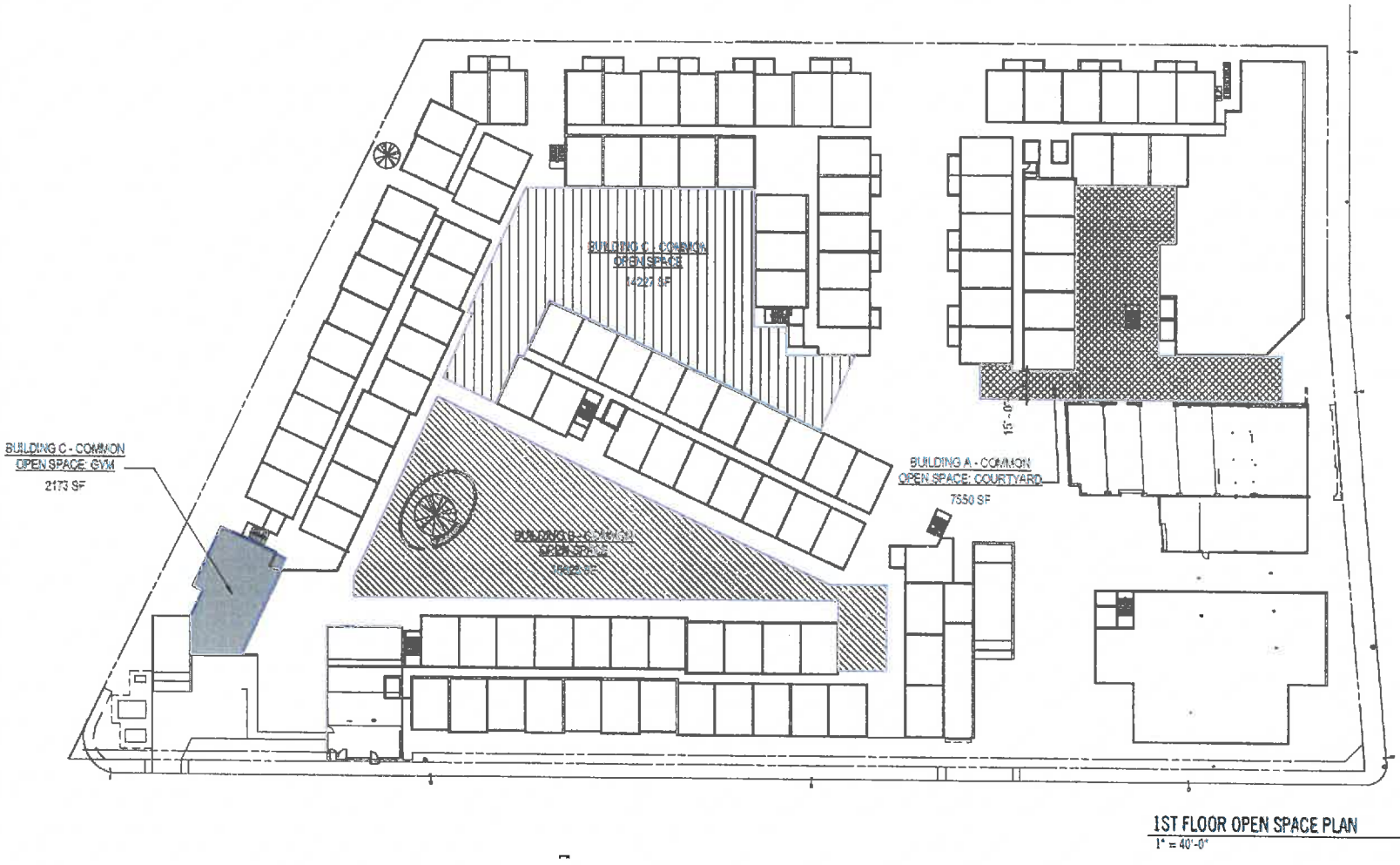
Table II-3
Summary of Required and Proposed Residential Open Space Areas

Open Space Requirements	Dwelling Units	Open Space (square feet)
LAMC 12.21.G		
Less than 3 Habitable Rooms (100 sf/du) [a]	277	27,700
3 Habitable Rooms (125 sf/du) [b]	95	11,875
Total Common Open Space Required		**39,575**
Proposed Open Space	**Open Space (square feet)**	
Building A Common Open Space Courtyard	7,550	
Building B Common Open Space	15,625	
Building C Common Open Space	14,227	
Building C Common Open Space (Gym)	2,173	
Total Residential Open Space Provided	***39,575***	

Notes: du = dwelling unit; sq = square feet; PAOS = publically accessible open space.
[a] *Includes studio and one-bedroom apartments.*
[b] *Includes two-bedroom apartments.*
Source: Killefer Flammang Architects, November 4, 2016.

Pursuant to Ordinance No. 179,280, which establishes the [Q] on-site, the Project would be required to provide 30% of the Subarea as publically accessible open space (PAOS), which results in a requirement of 64,744 square feet. The Proposed Project would include a total of 64,744 square feet of publically accessible open space pursuant to Ordinance 179,280. Refer to Figure II-17, Publicly Accessible Open Space Plan, for the location of publicly accessible areas on the Project Site.

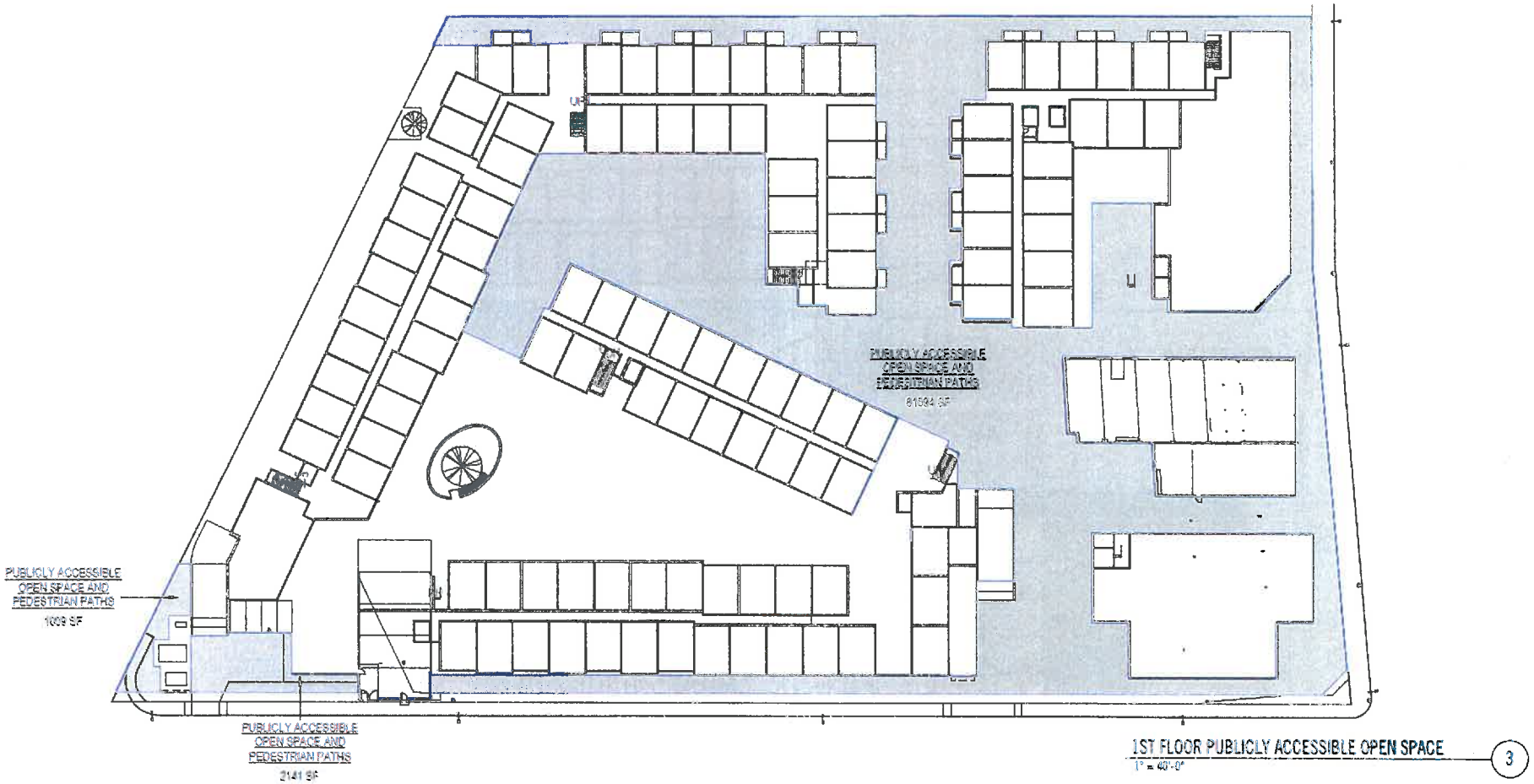
Existing street trees adjacent to the property along Pasadena Avenue would remain in place or be replaced in consultation with the City of Los Angeles Division of Urban Forestry and approved by the Department of Public Works. Refer to Figure II-18, Conceptual Landscape Plan, for the proposed landscaping and open space amenities throughout the Project Site.



Source: Killefer Flammang Architects, November 4, 2016.

PARKER ENVIRONMENTAL CONSULTANTS

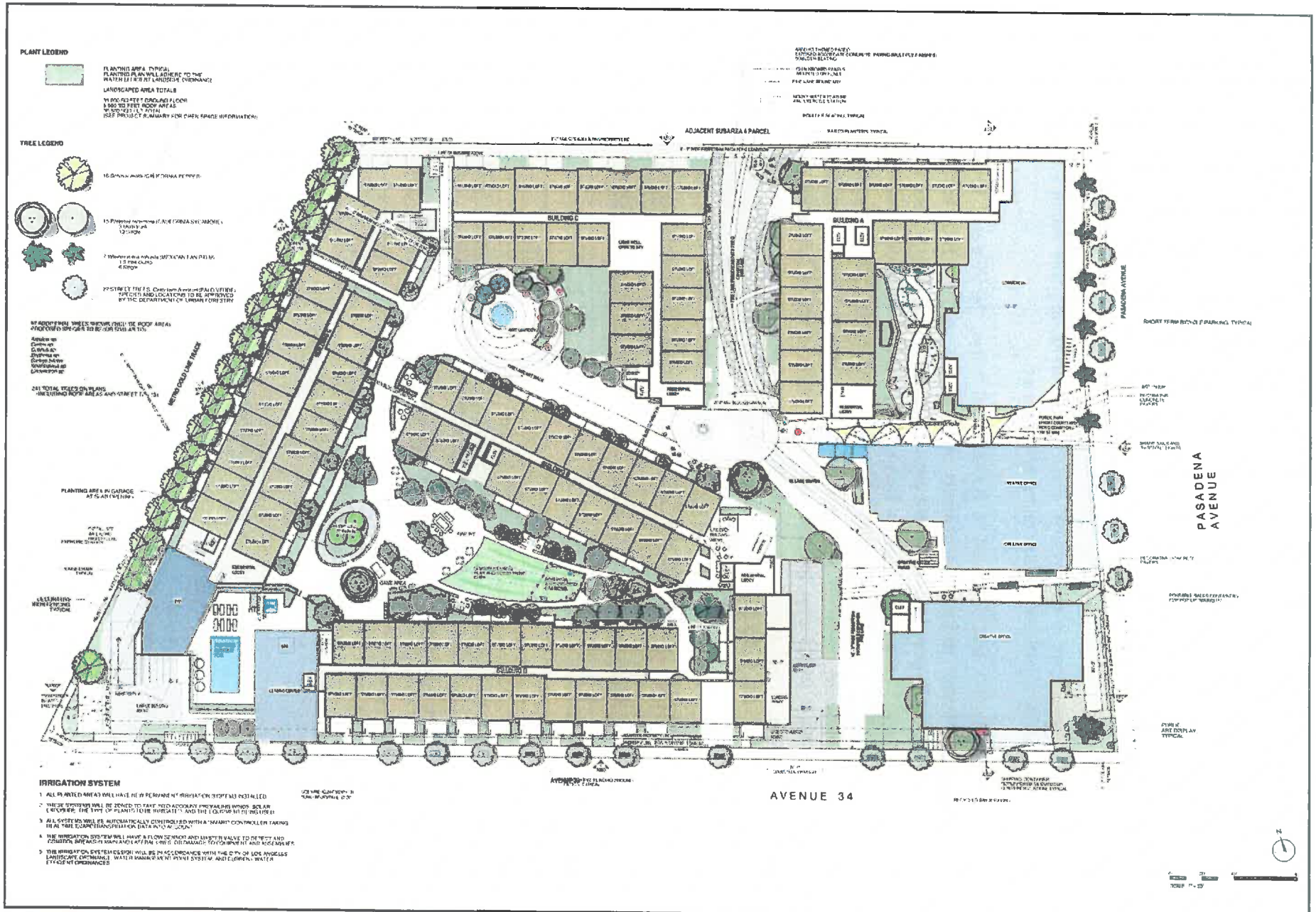
Figure II-16
Residential Open Space Plan



Source: Killefer Flammang Architects, November 4, 2016.

PARKER ENVIRONMENTAL CONSULTANTS

Figure II-17
Publicly Accessible Open Space Plan



Source: Killefer Flammang Architects, March 25, 2016.

PARKER ENVIRONMENTAL CONSULTANTS

Figure II-18
Conceptual Landscape Plan

PARKING AND ACCESS

Parking for the proposed creative office, retail and residential uses on-site will be provided in the one level of subterranean parking beneath the Project Site and at-grade. Vehicular access to the Project Site will be provided via two ingress/egress driveways on the north side of Avenue 34. Access to residential parking and commercial parking would be provided from the western driveway and eastern driveway, respectively. The Proposed Project meets all of the requisite criteria of a Transit Oriented Infill Project pursuant to SB 743. Under Public Resources Code Section 21099, aesthetic and parking impacts of a residential, mixed-use residential, or employment center project on an infill site within a transit priority area shall not be considered significant impacts on the environment.

As summarized in Table II-4, and discussed in further detail below, the Proposed Project would be consistent with the applicable parking requirements of the LAMC and the Bicycle Ordinance (No. 182,386). As proposed, the Proposed Project would require a total of 313 parking spaces, which includes: 233 residential spaces and 80 commercial spaces. Residential parking is determined based on California State Assembly Bill (AB) 744. AB 744 allows a ratio of 0.5 parking space per bedroom for a development that includes the maximum percentage of low- or very low income units and is located within ½ mile of a major transit stop and there is unobstructed access to the transit stop from the development. The Project would provide a total of 467 parking spaces, which includes: 384 residential spaces, 80 commercial spaces, and 3 residential guest parking spaces.

Table II-4
Summary of Required and Proposed Vehicle Parking Spaces

Description	Quantity	Parking per LAMC [a, b]		Parking Provided
		Rate	Spaces	
Residential				
Studios	167	0.5/du	83.5	--
1-Bedroom	110	0.5/du	55	
2-Bedroom	95	1.0/du	95	--
		Subtotal Residential	*233*	--
		Residential Parking	***233***	***384***
		Residential Guest Parking	*--*	***3***
Commercial				
Creative Office	30,000 sf	1 / 500 sf	60	--
Retail	10,000 sf	1 / 500 sf	20	--
		Subtotal Retail	*80*	--
		Commercial Parking	***80***	***80***
		TOTAL PARKING SPACES	**313**	**467**

Notes: du = dwelling unit, sf = square feet
[a] *AB 744, October 9, 2015.*
[b] *LAMC 12.21 A.4.(x)(3). Off-Street Automobile Parking Requirements, Exception for Council Approved Agreements and Historic/Cultural Buildings, and Specified Exception Areas (ZI-2129).*
[c] *Bicycle Parking Ordinance 182,386.*
Source: Killefer Flammang Architects, November 4, 2016.

The Proposed Project provides on-site bicycle parking in bicycle storage spaces as required by the City's Bicycle Ordinance. According to LAMC Section 12.21 A.16 (a)(2), the Proposed Project is required to provide on-site bicycle parking spaces. For residential uses, a project is required to provide 1 short-term bicycle parking space per every 10 dwelling units and 1 long-term bicycle parking space per every one dwelling unit. For creative office space, a project is required to provide 1 short-term bicycle parking for each 10,000 square feet and 1 long-term bicycle parking for each 5,000 square feet. For retail space, a project is required to provide 1 short-term bicycle parking space for each 2,000 square feet and 1 long-term parking space for each 2,000 square feet. As summarized in Table II-5, below, the Proposed Project would be consistent with the applicable bicycle parking requirements of the LAMC. The Project would be required to provide 428 bicycle parking spaces, which includes 45 short term spaces and 383 long term spaces. The Proposed Project would provide 428 bicycle parking spaces, which includes 409 residential bicycle spaces and 19 commercial bicycle spaces.

Table II-5
Summary of Required and Proposed Bicycle Parking Spaces

Description	Quantity	Parking Required [a]		Total Spaces Required	Total Spaces Provided
		Short Term	Long Term		
Residential					
		(1 per 10 DUs)	*(1 per DU)*		
Residential Units	372 du	37	372	409	409
Commercial					
		(1 per 10,000 sf)	*(1 per 5,000 sf)*		
Creative Office	30,000 sf	3	6	9	9
		(1 per 2,000 sf)	*(1 per 2,000 sf)*		
Retail	10,000 sf	5	5	10	10
	TOTAL	**45**	**383**	**428**	**428**

Notes:
du = dwelling unit, sf = square feet
[a] LAMC 12.21 A.16. Bicycle Parking and Shower Facilities.
Source: Killefer Flammang Architects, November 4, 2016.

CONSTRUCTION

Construction Schedule/Phasing

For purposes of analyzing impacts associated with air quality, this analysis assumes a Project construction schedule of approximately 34 months, with final buildout occurring in 2020. Construction activities associated with the Project would be undertaken in four main steps: (1) demolition/site clearing, (2) excavation, grading and foundations, (3) building construction, and (4) architectural coating and finishing.

Unless stated otherwise, all construction activities would be performed in accordance with all applicable state and federal laws and City Codes and policies with respect to building construction and activities. "[Q]" Condition 10 specifies that construction and demolition shall be further restricted to the hours of 7:00 a.m. to 6:00 p.m. Monday through Friday, and 8:00 a.m. to 6:00 p.m. on Saturday. This condition is more restrictive than the permissible hours of construction pursuant to LAMC 41.40, which allow

construction activities until 9:00 p.m. Monday through Friday. No construction activities are permitted on Sundays. The Proposed Project would comply with these restrictions.

Demolition/Site Clearing Phase

This phase would include the demolition of the large warehouse building on-site, the one-story metal building located on the southeast corner of the Project Site, and portions of the 24,018 square foot building and a portion of the 3,521 square foot building, and the removal of supporting structures and materials, paved surfaces, and landscaping. In addition, this phase may include the removal of street trees, walls, fences, and associated debris. The demolition/site clearing would be completed in approximately two months.

Excavation, Grading and Foundation Phase

After the completion of demolition/site clearing, the excavation phase for the Proposed Project would occur for approximately three months and would involve the cut and fill of land to ensure the proper base and slope for the building foundations. The Proposed Project would require approximately 98,000 cy of soil to be hauled off-site in order to build the subterranean parking garage. Haul trips would occur outside of the peak hours and during the permissible hauling hours identified in the haul route to be approved by the Department of Building and Safety.

Building Construction Phase

The building construction phase consists of below grade and above grade structures and is expected to occur for approximately 24 months. Upon completion of the structures, architectural coating, finishing, and paving would occur.

Architectural Coating and Finishing

It is estimated that architectural coatings would occur over the final four months of the building construction phase, and paving would occur during the final month of construction.

Roadway Closures

Construction activities may necessitate temporary lane closures on streets adjacent to the Project Site on an intermittent basis for utility relocations/hook-ups, delivery of materials, and other construction activities as may be required. However, site deliveries and the staging of all equipment and materials would be organized in the most efficient manner possible on-site to mitigate any temporary impacts to the neighborhood and surrounding traffic. Construction equipment would be staged on-site for the duration of construction activities. Traffic lane and right-of-way closures, if required, will be properly permitted by City agencies and will conform to City standards.

Haul Route

All construction and demolition debris would be recycled to the maximum extent feasible. All construction and demolition debris would be hauled to the Waste Management Downtown Diversion facility, which sorts construction and demolition waste for recycling and diversion. It is located approximately 5 miles south of the Project Site (approx. 10 miles round trip). Demolition debris and soil materials from the Site that cannot be recycled or diverted would be hauled to the Sunshine Canyon or Chiquita Canyon landfills, which accept construction and demolition debris and inert waste from areas within the City of Los Angeles. The Sunshine Canyon Landfill is approximately 26 miles northwest of the Project Site (approx. 52 miles round trip). The Chiquita Canyon Landfill is approximately 43 miles to the northwest of the Project Site (approx. 86 miles round trip).

For purposes of analyzing the construction-related impacts, it is anticipated that the excavation and soil export would involve 18-wheel bottom-dump trucks with a 20 cubic yard hauling capacity (i.e., 30 tons maximum gross weight). All truck staging would either occur on-site or at designated off-site locations and radioed into the site to be filled. Pursuant to Ordinance No. 107,022, vehicles over 6,000 pounds are prohibited from using the Pasadena 110 Freeway between the 101 Freeway and Glenarm Street in Pasadena. Therefore, the local haul route from the Project Site to the 5 Freeway would be restricted to Pasadena Avenue southbound to W. Avenue 33, W. Avenue 33 from Pasadena Avenue to Lacy Street, Lacy Street from W. Avenue 33 to Avenue 26, and northbound on Avenue 26 to access the south bound I-5 Freeway on-ramp or to N. Figueroa Street to connect to the northbound I-5 on-ramp. Northbound returning trucks from the I-5 Freeway to the Project Site would exit the I-5 Freeway at the Lacy Street exit and would utilize Avenue 33 and Pasadena Avenue to access the Project Site. Southbound returning trucks from the I-5 Freeway would exit the I-5 Freeway at the 137A off-ramp and would take W. Avenue 26 eastbound to the I-5 northbound on-ramp exiting on Lacy Street and continuing on to W. Avenue 33 and Pasadena Avenue. The haul route may be modified in compliance with City policies, provided DOT and/or Street Services approves any such modification.

RELATED PROJECTS

In accordance with CEQA Guidelines Section 15064(h), this IS/MND includes an evaluation of the Project's cumulative impacts. The guidance provided under CEQA Guidelines Section 15064 (h) is as follows:

> *"(1) When assessing whether a cumulative effect requires an EIR, the lead agency shall consider whether the cumulative impact is significant and whether the effects of the project are cumulatively considerable. An EIR must be prepared if the cumulative impact may be significant and the project's incremental effect, though individually limited, is cumulatively considerable. "Cumulatively considerable" means that the incremental effects of an individual project are significant when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects.*

(2) A lead agency may determine in an initial study that a project's contribution to a significant cumulative impact will be rendered less than cumulatively considerable and thus is not significant. When a project might contribute to a significant cumulative impact, but the contribution will be rendered less than cumulatively considerable through mitigation measures set forth in a mitigated negative declaration, the initial study shall briefly indicate and explain how the contribution has been rendered less than cumulatively considerable.

(3) A lead agency may determine that a project's incremental contribution to a cumulative effect is not cumulatively considerable if the project will comply with the requirements in a previously approved plan or mitigation program (including, but not limited to, water quality control plan, air quality attainment or maintenance plan, integrated waste management plan, habitat conservation plan, natural community conservation plan, plans or regulations for the reduction of greenhouse gas emissions) that provides specific requirements that will avoid or substantially lessen the cumulative problem within the geographic area in which the project is located. Such plans or programs must be specified in law or adopted by the public agency with jurisdiction over the affected resources through a public review process to implement, interpret, or make specific the law enforced or administered by the public agency. When relying on a plan, regulation or program, the lead agency should explain how implementing the particular requirements in the plan, regulation or program ensure that the project's incremental contribution to the cumulative effect is not cumulatively considerable. If there is substantial evidence that the possible effects of a particular project are still cumulatively considerable notwithstanding that the project complies with the specified plan or mitigation program addressing the cumulative problem, an EIR must be prepared for the project.

(4) The mere existence of significant cumulative impacts caused by other projects alone shall not constitute substantial evidence that the proposed project's incremental effects are cumulatively considerable."

In light of the guidance summarized above, an adequate discussion of a project's significant cumulative impact, in combination with other closely related projects, can be based on either: (1) a list of past, present, and probable future producing related impacts; or (2) a summary of projections contained in an adopted local, regional, statewide plan, or related planning document that describes conditions contributing to the cumulative effect. (CEQA Guidelines Section 15130(b)(1)(A)-(B)). The lead agency may also blend the "list" and "plan" approaches to analyze the severity of impacts and their likelihood of occurrence. Accordingly, all proposed, recently approved, under construction, or reasonably foreseeable projects that could produce a related or cumulative impact on the local environment, when considered in conjunction with the Project, were identified for evaluation.

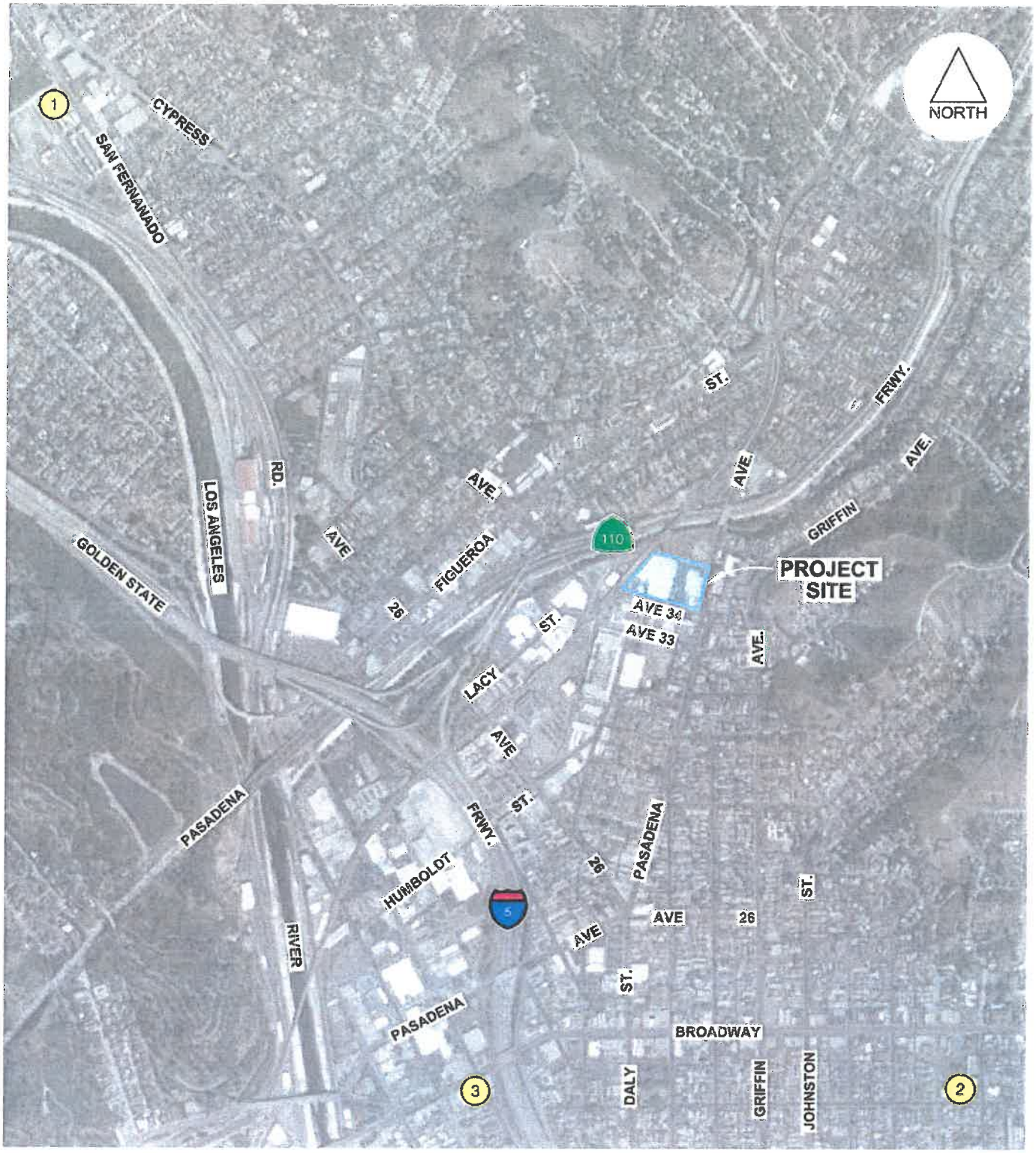
The related projects identified are included in Table II-6, Related Projects List, below. A total of three related projects were identified within the affected Project area. For purposes of identifying the affected project area, the DOT generally considers a 2 mile radius around the Project Site for purposes of evaluating cumulative traffic impacts. An analysis of the cumulative impacts associated with these related

projects and the Project are provided under each individual environmental impact category in Section III of this IS/MND. The locations of the related projects are shown in Figure II-19, Related Projects Location Map.

Table II-6
Related Projects List

Project Number	Location/Address	Project Description	Number	Units
1	1555 N. San Fernando Road	Apartment	64	du
		Condominium	290	du
		Retail	25,000	sf
2	3303 N. Broadway	Senior Apartment	100	du
		Medical Office	66,000	sf
3	211 S. Avenue 20	Retail	15,000	sf
		High School	263	stu
		Middle School	74	stu

Notes:
du = dwelling unit, sf = square feet; stu = student
Source: Crain & Associates, Traffic Impact Report for Proposed Avenue 34 & Pasadena Mixed-Use Project, December 2015.



Source: Crain and Associates, December 2015.

PARKER ENVIRONMENTAL CONSULTANTS

Figure II-19
Related Project Location Map

II. PROJECT DESCRIPTION
C. ENTITLEMENT REQUESTS

ED1125, LLC ("Owner" and "Applicant") is requesting approval of the following discretionary actions:

(1) **Zoning Administrator's Adjustment** pursuant to LAMC Section 12.28.A to permit the maintenance of a minimum 0-foot side yard in lieu of 8-feet, as required by LAMC 12.17.1.C, to preserve existing buildings on-site with non-conforming yards.

(2) **Site Plan Review** pursuant to LAMC Section 16.05 to permit the construction, use and maintenance of 372 residential units, 30,000 square feet of commercial office space, 10,000 square feet of retail space, and 467 on-site parking spaces.

(3) **Clarification of Q Conditions** pursuant to LAMC Section 12.32 H to clarify Condition A.1.c of Subarea 4 in Ordinance 179,280.

The Applicant will also request approvals and permits from the Department of Building and Safety (and other regulatory agencies) for project construction activities which may include, but are not limited to, the following: excavation, shoring, grading, foundation, haul route (for the export of approximately 98,000 cubic yards of soil), removal of street trees, and building and tenant improvements for the Project Site.

In addition to the discretionary actions that will be requested from the lead agency as identified above, certain responsible agencies with jurisdiction over certain aspects of the Project may be required to provide additional permits or have permitting authority over the Project. Such permits and/or approvals may include but are not limited to the following:

- Air Quality Management District (AQMD) (permitting authority over localized and regional air quality impacts and enforcement of any applicable air quality mitigation measures).
- Regional Water Quality Control Board (permitting authority over surface water runoff and water quality impacts with enforcement of any applicable mitigation measures).

III. ENVIRONMENTAL IMPACT ANALYSIS

INTRODUCTION

This section of the Initial Study contains an assessment and discussion of impacts associated with the environmental issues and subject areas identified in the Initial Study Checklist (Appendix G to the State CEQA Guidelines, C.C.R. Title 14, Chapter 3, 15000-15387). The analytical methodology and thresholds of significance are based on the *L.A. CEQA Thresholds Guide (2006)* unless otherwise noted.

ENVIRONMENTAL IMPACT ANALYSIS

I. AESTHETICS

Senate Bill 743 - Environmental Quality: Transit Oriented Infill Projects

In 2013, the State of California enacted Senate Bill 743 (SB 743),[1] which provides that "aesthetic and parking impacts of a residential, mixed-use residential, or employment center project on an infill site within a transit priority area shall not be considered significant impacts on the environment." Public Resources Code Section 21099 defines a "transit priority area" as an area within one-half mile of a major transit stop that is "existing or planned, if the planned stop is scheduled to be completed within the planning horizon included in a Transportation Improvement Program adopted pursuant to Section 450.216 or 450.322 of Title 23 of the Code of Federal Regulations." Public Resources Code Section 21064.3 defines "Major Transit Stop" as "a site containing an existing rail transit station, a ferry terminal served by either a bus or rail transit service, or the intersection of two or more major bus routes with a frequency of service interval of 15 minutes or less during the morning and afternoon peak commute periods." Public Resources Code Section 21061.3 defines an "Infill Site" as a lot located within an urban area that has been previously developed, or on a vacant site where at least 75 percent of the perimeter of the site adjoins, or is separated only by an improved public right-of-way from, parcels that are developed with qualified urban uses. This state law supersedes the aesthetic impact thresholds of significance that were previously adopted in the *L.A. CEQA Thresholds Guide* (2006).

The Proposed Project is classified as a mixed-use residential project and is located on an infill site within a Transit Priority Area as defined by CEQA. The City of Los Angeles also identifies the Project Site as being within a transit priority area per the Department of City Planning's Zoning Information File ZI No. 2452, Transit Priority Areas (TPAs)/Exemptions to Aesthetics and Parking within TPAs pursuant to CEQA.[2] The Project Site is located approximately ¼ mile from the Heritage Square Arroyo Transit Station, an existing rail transit station that serves the Metro Light-Rail Gold Line running between Downtown Los Angeles and Azusa. Accordingly, the Project's aesthetic impacts shall not be considered

---

[1] *SB 743 is codified as Public Resources Code Section 21099.*

[2] *City of Los Angeles, Department of City Planning, Zoning Information File, ZI No. 2452, Transit Priority Areas (TPAs) / Exemptions to Aesthetics and Parking within TPAs Pursuant to CEQA, website: http://zimas.lacity.org/documents/zoneinfo/ZI2452.pdf, accessed March 7, 2016.*

significant impacts on the environment pursuant to Public Resources Code Section 21099. While Section 21009 prohibits aesthetic impacts from being considered significant environmental impacts pursuant to CEQA, it does not affect the ability of the City of Los Angeles to implement design review through its ordinances or other discretionary powers.

a) Would the project have a substantial adverse effect on a scenic vista?

Less Than Significant Impact. As noted above, the Proposed Project is classified as a mixed-use residential project and is located on an infill site within a Transit Priority Area as defined by CEQA. The City of Los Angeles also identifies the Project Site as being within a transit priority area per the Department of City Planning's Zoning Information File ZI No. 2452, Transit Priority Areas (TPAs)/Exemptions to Aesthetics and Parking within TPAs pursuant to CEQA. The Project Site is located approximately ¼ mile from the Heritage Square Arroyo Transit Station, an existing rail transit station that serves the Metro Light-Rail Gold Line running between Downtown Los Angeles and Azusa. Accordingly, the Project's aesthetic impacts shall not be considered significant impacts on the environment pursuant to Public Resources Code Section 21099.

b) Would the project substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a city-designated scenic highway?

Less Than Significant Impact. As noted above, the Proposed Project is classified as a mixed-use residential project and is located on an infill site within a Transit Priority Area as defined by CEQA. The City of Los Angeles also identifies the Project Site as being within a transit priority area per the Department of City Planning's Zoning Information File ZI No. 2452, Transit Priority Areas (TPAs)/Exemptions to Aesthetics and Parking within TPAs pursuant to CEQA. The Project Site is located approximately ¼ mile from the Heritage Square Arroyo Transit Station, an existing rail transit station that serves the Metro Light-Rail Gold Line running between Downtown Los Angeles and Azusa. Accordingly, the Project's aesthetic impacts shall not be considered significant impacts on the environment pursuant to Public Resources Code Section 21099.

c) Would the project substantially degrade the existing visual character or quality of the site and its surroundings?

Less Than Significant Impact. As noted above, the Proposed Project is classified as a mixed-use residential project and is located on an infill site within a Transit Priority Area as defined by CEQA. The City of Los Angeles also identifies the Project Site as being within a transit priority area per the Department of City Planning's Zoning Information File ZI No. 2452, Transit Priority Areas (TPAs)/Exemptions to Aesthetics and Parking within TPAs pursuant to CEQA. The Project Site is located approximately ¼ mile from the Heritage Square Arroyo Transit Station, an existing rail transit station that serves the Metro Light-Rail Gold Line running between Downtown Los Angeles and Azusa. Accordingly, the Project's aesthetic impacts shall not be considered significant impacts on the environment pursuant to Public Resources Code Section 21099.

d) Would the project create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?

Less Than Significant Impact. As noted above, the Proposed Project is classified as a mixed-use residential project and is located on an infill site within a Transit Priority Area as defined by CEQA. The City of Los Angeles also identifies the Project Site as being within a transit priority area per the Department of City Planning's Zoning Information File ZI No. 2452, Transit Priority Areas (TPAs)/Exemptions to Aesthetics and Parking within TPAs pursuant to CEQA. The Project Site is located approximately ¼ mile from the Heritage Square Arroyo Transit Station, an existing rail transit station that serves the Metro Light-Rail Gold Line running between Downtown Los Angeles and Azusa. Accordingly, the Project's aesthetic impacts shall not be considered significant impacts on the environment pursuant to Public Resources Code Section 21099.

Cumulative Impacts

Less Than Significant Impact. The application of Public Resources Code Section 21099 provides that the aesthetic impacts of a mixed-use project, such as the Proposed Project, upon an infill site within a transit priority area shall not be considered significant impacts on the environment.

II. AGRICULTURE AND FORESTRY RESOURCES

a) Would the project convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?

No Impact. The Project Site is located in a developed area within the City of Los Angeles. No farmland or agricultural activity exists on the Project Site, nor are there any farmland or agricultural activities in the vicinity of the Project Site. According to the "Los Angeles County Important Farmland 2014" map, which was prepared by the California Department of Conservation, Division of Land Resource Protection, the soils at the Project Site are not candidate for listing as Prime Farmland, Unique Farmland, or Farmland of Statewide Importance.[4] Therefore, under current analysis, no impact to agricultural lands would occur.

b) Would the project conflict with existing zoning for agricultural use, or a Williamson Act Contract?

No Impact. The Project Site is located within the jurisdiction of the City of Los Angeles and is, therefore, subject to the applicable land use and zoning requirements in the Los Angeles Municipal Code (LAMC). The Project Site is currently zoned [T][Q]CM-2D with the land use designation of Commercial Manufacturing and is not zoned for agricultural production, and no farmland activities exist on-site. In

---

4 *State of California Department of Conservation, Division of Land Resource Protection, Farmland Mapping and Monitoring Program, Los Angeles County Important Farmland 2014, Map. ftp://ftp.consrv.ca.gov/pub/dlrp/FMMP/pdf/2014/los14.pdf, accessed October 2016.*

addition, no Williamson Act Contracts are in effect for the Project Site.[5] Therefore, no impact would occur.

c) Would the project conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104(g))?

No Impact. The Project Site is zoned [T][Q]CM-2D, which has a land use designation of Commercial Manufacturing in the Northeast Los Angeles Community Plan. The Project Site is not zoned as forestland or timberland, and there is no timberland production at the Project Site. Therefore, no impact would occur.

d) Would the project result in the loss of forest land or conversion of forest land to non-forest use?

No Impact. The Project Site is fully developed and currently contains four light manufacturing and warehouse buildings and paved surface loading areas and parking. The Project Site is located in a developed area within the City of Los Angeles. There is no significant vegetation on-site. No forested lands or protected vegetation exist on or in the vicinity of the Project Site. Therefore, no impact would occur.

e) Would the project involve other changes in the existing environment, which due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?

No Impact. Neither the Project Site, nor nearby properties, are currently utilized for agricultural or forestry uses. As discussed above, the Project Site is not classified in any "Farmland" category designated by the State of California. According to the "Los Angeles County Important Farmland 2014" map, which was prepared by the California Department of Conservation, Division of Land Resource Protection, the soils at the Project Site is not candidates for listing as Prime Farmland, Unique Farmland, or Farmland of Statewide Importance.[6] Therefore, no impact would occur.

Cumulative Impacts

No Impact. Development of the Proposed Project in combination with the three related projects would not result in the conversion of State-designated agricultural land from agricultural use to a non-agricultural use, nor result in the loss of any forest land or conversion of forest land to non-forest use. The Los Angeles County Important Farmland 2014 Map maintained by the California Division of Land

---

5 *California Department of Conservation, State of California Williamson Act Contract Land Map 2015-2016, website: http://www.conservation.ca.gov/dlrp/lca, accessed October 2016.*

6 *State of California Department of Conservation, Division of Land Resource Protection, Farmland Mapping and Monitoring Program, Los Angeles County Important Farmland 2014, Map. ftp://ftp.consrv.ca.gov/pub/dlrp/FMMP/pdf/2014/los14.pdf, accessed October 2016.*

Resource Protection indicates that the Project Site and the surrounding area are not included in the Important Farmland category.[7] The Project Site is located in an urbanized area in the Northeast Los Angeles Community Plan area within the City of Los Angeles and does not include any State-designated agricultural lands or forest uses. Therefore, no cumulative impact would occur.

III. AIR QUALITY

a) Would the project conflict with or obstruct implementation of the applicable air quality plan?

Less Than Significant Impact. A significant air quality impact could occur if the Proposed Project is not consistent with the applicable Air Quality Management Plan (AQMP) or would in some way represent a substantial hindrance to employing the policies or obtaining the goals of that plan. The most recent AQMP was adopted by the Governing Board of the South Coast Air Quality Management District (SCAQMD) on December 7, 2012 ("2012 AQMP"). The transportation strategy and transportation control measures (TCMs), included as part of the 2012 AQMP and SIP for the South Coast Air Basin, are based on SCAG's previously adopted 2008 Regional Comprehensive Plan (RCP) and 2011 Federal Transportation Improvement Program (FTIP). For purposes of assessing a project's consistency with the AQMP, projects that are consistent with the growth forecast projections of employment and population forecasts identified in the SCAG's recently adopted 2016-2040 Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS) are considered consistent with the AQMP, since the growth projections contained in the RTP/SCS form the basis of the land use and transportation control portions of the AQMP.

As discussed in Section XIII(a), Population and Housing, the Proposed Project is consistent with the regional growth projections for the Los Angeles Subregion and is consistent with the smart growth policies of the RTP/SCS to increase housing density within close proximity to High-Quality Transit Areas (HQTA). An HQTA is defined as a generally walkable transit village or corridor within one half-mile of a well-serviced transit stop or a transit corridor with 15-minute or less service frequency during peak commute hours. The Proposed Project would concentrate new development and jobs within a half of a mile (walking distance) from the Heritage Square Arroyo Gold Line Station and is served by several Metro bus lines. Thus the Project's location provides opportunities for employees, guests, visitors, and residents to use public transit to reduce vehicle trips. The Project Site is also located in a Transit Priority Area as defined by CEQA Sections 21099 and 21064.3. Studies by the California Department of Transportation, the U.S. Environmental Protection Agency and the Metropolitan Transportation Commission have found that focusing development in areas served by transit can result in local, regional and statewide benefits including reduced air pollution and energy consumption. The Proposed Project's mixed-use nature and close proximity to neighborhood-serving commercial/retail land uses and regional transit would result in fewer trips and a reduction to the Proposed Project's vehicle miles traveled (VMTs) as compared to the base trip rates for similar stand-alone land uses that are not located in close proximity to transit. Thus, because the Proposed Project would be consistent with the growth projections and

[7] *Ibid.*

regional land use planning policies of the RTP/SCS, the Proposed Project would not conflict with or obstruct implementation of the 2012 AQMP, and impacts would be less than significant.

b) Would the project violate any air quality standard or contribute substantially to an existing or projected air quality violation?

Less Than Significant Impact. Based on the *L.A. CEQA Thresholds Guide*, a project may have a significant impact where project-related emissions would exceed federal, State, or regional standards or thresholds, or where project-related emissions would substantially contribute to an existing or projected air quality violation.

Construction Emissions

For purposes of analyzing impacts associated with air quality, this analysis assumes a construction schedule of approximately 34 months with buildout anticipated in 2020. This assumption is conservative and yields the maximum daily impacts. Construction activities associated with the Proposed Project would be undertaken in three main steps: (1) demolition/site clearing, (2) excavation, grading and foundations, and (3) building construction. The building construction phase includes the construction of the proposed buildings, connection of utilities to the buildings, paving, architectural coatings, and landscaping the Project Site. Construction activities would temporarily create emissions of dusts, fumes, equipment exhaust, and other air contaminants. Construction activities involving foundation preparation would primarily generate $PM_{2.5}$ and PM_{10} emissions. Mobile sources (such as diesel-fueled equipment onsite and traveling to and from the Project Site) would primarily generate NO_x emissions. The application of architectural coatings would primarily result in the release of ROG emissions. The amount of emissions generated on a daily basis would vary, depending on the amount and types of construction activities occurring at the same time. As required by CEQA and Environmental [Q] Condition C.24, the Proposed Project's construction emissions were quantified utilizing the California Emissions Estimator Model (CalEEMod *Version 2016.3.1*) as recommended by the SCAQMD. Table III-1, Estimated Peak Daily Construction Emissions, identifies the maximum daily emissions that are estimated to occur on peak construction days for each phase of Project construction. These calculations assume that appropriate dust control measures would be implemented as part of the Proposed Project during each phase of development, as required and regulated by SCAQMD. AQMD Rule 403 (Fugitive Dust Suppression) is required by law and is further imposed by Environmental [Q] Condition C.10 (Erosion/Grading/Short-term Construction Impacts) (see Section II., Project Description and the Regulatory Compliance Measures appended to the IS/MND Checklist). The calculations also assume compliance with SCAQMD Rule 1113 (Architectural Coatings) as required by law, that no fireplaces or woodstoves are proposed, and a total of 202 net new trees on site. As shown in Table III-1, construction-related daily emissions associated with the Proposed Project would not exceed any regional SCAQMD significance thresholds for criteria pollutants during the construction phases. Therefore, construction impacts are considered to be less than significant.

Operational Emissions

Air pollutant emissions are currently generated at the Project Site by the existing manufacturing facilities. These uses generate air pollutant emissions from stationary sources, such as space and water heating, architectural coatings (paint), and mobile vehicle traffic traveling to and from the Project Site. The

existing warehouse uses also generate diesel exhaust and associated toxic air contaminants from trucking and hauling activities. The average daily emissions generated by the existing uses at the Project Site have been estimated utilizing the California Emissions Estimator Model (CalEEMod *Version 2016.3.1*) recommended by the SCAQMD. As shown in Table III-2, motor vehicles are the primary source of air pollutant emissions associated with existing uses at the Project Site.

Similar to existing conditions, operational emissions generated by both stationary and mobile sources would result from normal day-to-day activities of the Proposed Project. Area source emissions would be generated by the consumption of natural gas and landscape maintenance. Mobile emissions would be generated by the motor vehicles traveling to and from the Project Site.

The Proposed Project's regional operational emissions are presented in Table III-3, Proposed Project Estimated Daily Operational Emissions. The calculations reflect above-average transit accessibility, higher than average density, and below market-rate housing, as reflected in the Project description. As shown, the Proposed Project's net operational emissions would not exceed the regional thresholds of significance set by the SCAQMD. Therefore, impacts associated with regional operational emissions from the Proposed Project would be less than significant.

Table III-1
Estimated Peak Daily Construction Emissions

Emission Source	Emissions in Pounds per Day (lb/day)					
	ROG	NO_x	CO	SO_2	PM_{10}	$PM_{2.5}$
Demolition						
On-Site Fugitive Dust	--	--	--	--	2.28	0.35
On-Site Off-Road (Diesel Equipment)	4.10	42.75	23.01	0.04	2.19	2.04
Off Site (Hauling, Vendor, Worker)	0.34	8.00	2.33	0.02	0.62	0.20
Total Emissions	***4.44***	***50.75***	***25.34***	***0.06***	***5.09***	***2.59***
SCAQMD Thresholds	**75**	**100**	**550**	**150**	**150**	**55**
Significant Impact?	**No**	**No**	**No**	**No**	**No**	**No**
Grading						
On-Site Fugitive Dust	--	--	--	--	2.81	1.50
On-Site Off-Road (Diesel Equipment)	5.24	51.31	28.11	0.05	2.88	2.68
Off Site (Hauling, Vendor, Worker)	2.75	11.71	21.46	0.06	4.63	1.32
Total Emissions	***7.99***	***63.02***	***49.57***	***0.11***	***10.32***	***5.50***
SCAQMD Thresholds	**75**	**100**	**550**	**150**	**150**	**55**
Significant Impact?	**No**	**No**	**No**	**No**	**No**	**No**
Building Construction Phase						
On-Site Off-Road Diesel Equipment	7.55	71.49	43.06	0.07	4.15	3.89
Off Site (Hauling, Vendor, Worker)	0.57	0.42	4.51	0.01	1.83	0.47
Total Emissions	***8.12***	***71.91***	***47.57***	***0.08***	***5.98***	***4.36***
SCAQMD Thresholds	**75**	**100**	**550**	**150**	**150**	**55**
Significant Impact?	**No**	**No**	**No**	**No**	**No**	**No**
Paving						
On-Site Off-Road (Diesel Equipment)	1.45	15.24	14.66	0.02	0.82	0.76
Off Site (Hauling, Vendor, Worker)	0.08	0.06	0.61	<0.01	0.17	0.05
Total Emissions	***1.53***	***15.30***	***15.27***	***0.02***	***0.99***	***0.81***
SCAQMD Thresholds	**75**	**100**	**550**	**150**	**150**	**55**
Significant Impact?	**No**	**No**	**No**	**No**	**No**	**No**
Architectural Coating						
On-Site Architectural Coating	38.67	--	--	--	--	--
On-Site Off-Road Diesel Equipment	4.60	47.41	23.90	0.04	2.52	2.33
Off-Site Hauling/Vendor/Worker Trips	0.10	0.07	0.73	<0.01	0.20	0.05
Total Emissions	***43.37***	***47.48***	***24.63***	***0.04***	***2.72***	***2.38***
SCAQMD Thresholds	**75**	**100**	**550**	**150**	**150**	**55**
Significant Impact?	**No**	**No**	**No**	**No**	**No**	**No**

Note: Calculations assume compliance with SCAQMD Rule 403 – Fugitive Dust and Rule 1113 – Architectural Coatings.
Calculation sheets are available in the subject case file.

Table III-2
Existing Daily Operational Emissions from the Project Site

Emissions Source	Emissions in Pounds per Day					
	ROG	NO_x	CO	SO_x	PM_{10}	$PM_{2.5}$
Summertime (Smog Season) Emissions						
Area	2.64	<0.01	0.01	0.00	<0.01	<0.01
Energy (Natural Gas)	0.06	0.58	0.48	<0.01	0.04	0.04
Mobile (Vehicles)	2.11	10.20	29.81	0.09	6.74	1.87
Total Baseline Emissions	***4.81***	***10.78***	***30.30***	***0.09***	***6.78***	***1.91***
Wintertime (Non-Smog Season) Emissions						
Area	2.64	<0.01	0.01	0.00	<0.01	<0.01
Energy (Natural Gas)	0.06	0.58	0.48	<0.01	0.04	0.04
Mobile (Vehicles)	2.02	10.50	27.85	0.08	6.74	1.87
Total Baseline Emissions	***4.72***	***11.08***	***28.34***	***0.08***	***6.78***	***1.91***

Note: Calculation worksheets are available in the subject case file.
Source: Parker Environmental Consultants, 2016.

Table III-3
Proposed Project Estimated Daily Operational Emissions

Emissions Source	Emissions in Pounds per Day					
	ROG	NO_x	CO	SO_x	PM_{10}	$PM_{2.5}$
Summertime (Smog Season) Emissions						
Area	12.34	0.36	30.84	<0.01	0.17	0.17
Energy (Natural Gas)	0.14	1.17	0.53	<0.01	0.09	0.09
Mobile (Vehicles)	5.80	26.27	59.77	0.18	13.22	3.67
Total Project Emissions	***18.28***	***27.80***	***91.14***	***0.18***	***13.48***	***3.93***
Less Existing Project Site Emissions	*-4.81*	*-10.78*	*-30.30*	*-0.09*	*-6.78*	*-1.91*
NET Project Emissions	***13.47***	***17.02***	***60.84***	***0.09***	***6.70***	***2.02***
SCAQMD Thresholds	**55**	**55**	**550**	**150**	**150**	**55**
Potentially Significant Impact?	**No**	**No**	**No**	**No**	**No**	**No**
Wintertime (Non-Smog Season) Emissions						
Area	12.34	0.36	30.84	<0.01	0.17	0.17
Energy (Natural Gas)	0.14	1.17	0.53	<0.01	0.09	0.09
Mobile (Vehicles)	5.52	26.61	57.74	0.17	13.22	3.68
Total Project Emissions	***18.00***	***28.14***	***89.11***	***0.17***	***13.48***	***3.94***
Less Existing Project Site Emissions	*-4.72*	*-11.08*	*-28.34*	*-0.08*	*-6.78*	*-1.91*
NET Project Emissions	***13.28***	***17.06***	***60.77***	***0.09***	***6.70***	***2.03***
SCAQMD Thresholds	**55**	**55**	**550**	**150**	**150**	**55**
Potentially Significant Impact?	**No**	**No**	**No**	**No**	**No**	**No**

Note: Calculation worksheets are available in the subject case file.
Source: Parker Environmental Consultants, 2016.

c) Would the project result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard (including releasing emissions, which exceed quantitative threshold for ozone precursors)?

Less Than Significant Impact. Based on the *L.A. CEQA Thresholds Guide*, a significant impact may occur if a project adds a considerable cumulative contribution to federal or State non-attainment pollutants. As the Basin is currently in State non-attainment for ozone, PM_{10}, and $PM_{2.5}$, related projects could exceed an air quality standard or contribute to an existing or projected air quality exceedance. In regards to determining the significance of the Project contribution, the SCAQMD neither recommends quantified analyses of construction and/or operational emissions from multiple development projects nor provides methodologies or thresholds of significance to be used to assess the cumulative emissions generated by multiple cumulative projects. Instead, the SCAQMD recommends that a project's potential contribution to cumulative impacts should be assessed utilizing the same significance criteria as those for project specific impacts. Furthermore, SCAQMD states that if an individual development project generates less than significant construction or operational emissions, then the development project would not generate a cumulatively considerable increase in emissions for those pollutants for which the Basin is in non-attainment.

As discussed under Question III(b) above, the Proposed Project would not generate construction or operational emissions that exceed the SCAQMD's recommended regional thresholds of significance. Therefore, the Proposed Project would not generate a cumulatively considerable increase in emissions of the pollutants for which the Basin is in non-attainment, and impacts would be less than significant.

d) Would the project expose sensitive receptors to substantial pollutant concentrations?

Less Than Significant Impact. Based on the *L.A. CEQA Thresholds Guide*, a significant impact may occur if a project were to generate pollutant concentrations to a degree that would significantly affect sensitive receptors. Sensitive receptors are populations that are more susceptible to the effects of air pollution than are the population at large. The SCAQMD identifies the following as sensitive receptors: long-term health care facilities, rehabilitation centers, convalescent centers, retirement homes, residences, schools, playgrounds, child care centers, and athletic facilities.[8]

Localized Significance Thresholds

The SCAQMD has developed localized significance thresholds (LSTs) that are based on the amount of pounds of emissions per day that can be generated by a project that would cause or contribute to adverse localized air quality impacts. These localized thresholds, which are found in the mass rate look-up tables

[8] *South Coast Air Quality Management District, CEQA Air Quality Handbook, 1993, page 5-1.*

in the "Final Localized Significance Threshold Methodology" document prepared by the SCAQMD,[9] apply to projects that are less than or equal to five acres in size and are only applicable to the following criteria pollutants: NO_x, CO, PM_{10}, and $PM_{2.5}$. LSTs represent the maximum emissions from a project that are not expected to cause or contribute to an exceedance of the most stringent applicable federal or State ambient air quality standards, and are developed based on the ambient concentrations of that pollutant for each SRA. For PM_{10}, the LSTs were derived based on requirements in SCAQMD Rule 403 — Fugitive Dust. For $PM_{2.5}$, the LSTs were derived based on a general ratio of $PM_{2.5}$ to PM_{10} for both fugitive dust and combustion emissions.

LSTs are provided for each of SCAQMD's 38 source receptor areas (SRA) at various distances from the source of emissions. The Project Site is located within SRA 1, which covers the Central Los Angeles County area. The nearest sensitive receptors that could potentially be subject to localized air quality impacts associated with construction of the Proposed Project include multi-family residences, single-family residences, and schools. Given the proximity of these sensitive receptors to the Project Site, the LSTs with receptors located within 25 meters (82.02 feet) are used to address the potential localized air quality impacts associated with the construction-related NO_x, CO, PM_{10}, and $PM_{2.5}$ emissions for each construction phase.

Localized Construction Emissions

Emissions from construction activities have the potential to generate localized emissions that may expose sensitive receptors to harmful pollutant concentrations, especially during the demolition and grading phases. The Project Site's lot area is approximately 5.03 acres. However, the Project proposes to demolish only portions of the Project Site and excavate at most up to 4 acres of the Project Site. Because the SCAQMD sets thresholds for 1-, 2-, and 5-acre sites, the localized thresholds for the Project Site were estimated using linear regression, which is suggested in the SCAQMD Final LST Document for project sites that are between 2 and 5 acres. As shown in Table III-4, Localized On-Site Peak Daily Construction Emissions, peak daily emissions generated within the Project Site during construction activities for each phase would not exceed the applicable construction LSTs for an approximate 4-acre site in SRA 1. These calculations assume that appropriate dust control measures would be implemented as part of the Proposed Project during each phase of development, as required by SCAQMD Rule 403 - Fugitive Dust and Environmental [Q] Conditions C.8 and C.10(a). Specific Rule 403 control requirements include, but are not limited to, applying water in sufficient quantities to prevent the generation of visible dust plumes, applying soil binders to uncovered areas, reestablishing ground cover as quickly as possible, utilizing a wheel washing system to remove bulk material from tires and vehicle undercarriages before vehicles exit the Project Site, and maintaining effective cover over exposed areas. Therefore, with implementation of the regulatory code compliance measures identified above, localized air quality impacts from construction activities to the off-site sensitive receptors would be less than significant.

---

[9] *South Coast Air Quality Management District, Final Localized Significance Threshold Methodology, June 2003, Revised July 2008.*

Table III-4
Localized On-Site Peak Daily Construction Emissions

Construction Phase	Total On-site Emissions (Pounds per Day)			
	NO_x [b]	CO	PM_{10}	$PM_{2.5}$
Demolition	42.75	23.01	4.48	2.39
Grading	51.31	28.11	5.69	4.19
Building Construction	71.49	43.06	4.15	3.89
Paving	15.24	14.66	0.82	0.76
Architectural Coatings	47.41	23.90	2.52	2.33
SCAQMD Localized Thresholds [a]	**143**	**1,590**	**13**	**7**
Potentially Significant Impact?	*No*	*No*	*No*	*No*

Notes:
[a] *The localized thresholds for all phases are based on a receptor within a distance of 82 feet (25 meters) in SCAQMD's SRA 1 for a Project Site of 4 acres. Thresholds for a 4-acre site were estimated using linear regression.*
[b] *The localized thresholds listed for NO_x takes into consideration the gradual conversion of NO_x to NO_2, and are provided in the mass rate look-up tables in the SCAQMD's "Final Localized Significance Threshold Methodology" guidance document. The analysis of localized air quality impacts associated with NO_x emissions is focused on NO_2 levels as they are associated with adverse health effects.*
Sources: SCAQMD, Final LST Methodology Document, Appendix C – Mass Rate LST Look-Up Tables, October 21, 2009; Sample Construction Scenarios for Projects Less than Five Acres in Size, Appendix K; and CalEEMod 2016.3.1, Calculation worksheets are included in the case file.

Localized Operational Emissions

With regard to localized emissions from motor vehicle travel, traffic congested roadways and intersections have the potential to generate localized high levels of carbon monoxide (CO). Historically, the SCAQMD has suggested conducting a CO hotspot analysis for any intersection where a project would worsen the Level of Service (LOS) to any level below C, and for any intersection rated D or worse where the project would increase the V/C ratio by two percent or more. Based on a review of the Project's Traffic Study, only one of the study intersections would meet these criteria; Pasadena Avenue / Avenue 26 & Daly Street. However, the Basin is currently in attainment for CO emissions and, based on existing ambient CO levels within the basin, the Proposed Project's mobile source emissions at this intersection would not exceed the 1-hour or 8-hour CO hotspot concentration threshold for creating a significant impact. This finding is consistent with the AQMD's 2003 AQMP, which modeled localized CO emissions at the four highest traffic volume intersections within the Basin and found the localized emissions to be well below the thresholds of significance for both the 1-hour and 8-hour thresholds. Thus since the total volume at the Pasadena Avenue / Avenue 26 & Daly Street intersection would not exceed the traffic volumes modeled at the four highest traveled intersections in the Basin, it can be concluded that the Proposed Project would not result in a significant localized CO Hotspot impact. Therefore, no further analysis for CO hotspots is warranted and localized operational emissions would be less than significant.

Toxic Air Contaminants (TAC)

Construction Emissions

The Proposed Project's construction activities would generate toxic air contaminants in the form of diesel particulate emissions associated with the use of heavy trucks and construction equipment. The SCAQMD has not published guidance directly related to quantitatively assessing health risk impacts associated with construction activities. The dose to which receptors are exposed is the primary factor used to determine health risk (i.e., potential exposure to TAC emission levels that exceed applicable standards). Dose is a function of the concentration of a substance or substances in the environment and the duration of exposure to the substances. Dose is positively correlated with time, meaning that a longer exposure period would result in a higher exposure level for the maximally exposed individual. Thus, the risks estimated for a maximally exposed individual are higher is a fixed exposure occurs over a long duration. For example, according to the Office of Environmental Health Hazard Assessment, estimating the cancer risk from toxic air contaminants should be based on a lifetime (i.e., 70-year) exposure period. The construction period would occur over an approximate 34-month period. Therefore, it is not meaningful to evaluate long-term cancer impacts from construction activities that occur over a relatively short duration. The Proposed Project would be required to comply with the CARB Air Toxics Control Measure that limits diesel powered equipment and vehicle idling to no more than 5 minutes at a location. In addition, as discussed above, the Proposed Project would not result in a localized significant impact. Therefore, the Proposed Project would result in a less than significant impact related to construction TACs.

Operational Emissions

The Proposed Project consists of a mixed-use development containing residential units, creative offices, and retail uses and would not support any land uses or activities that would involve the use, storage, or processing of carcinogenic or non-carcinogenic toxic air contaminants. As part of the Project, the existing warehouse uses, which are estimated to generate up to 400 trips per day, mostly consisting of large diesel-engine trucks, would be removed from service. As such no significant toxic airborne emissions would result from Proposed Project implementation. In addition, construction activities would be subject to the regulations and laws relating to toxic air pollutants at the regional, State, and federal level that would protect sensitive receptors from substantial concentrations of these emissions. Therefore, impacts associated with the release of toxic air contaminants would be less than significant.

e) Would the project create objectionable odors affecting a substantial number of people?

Less Than Significant Impact. A significant impact may occur if objectionable odors occur which would adversely impact sensitive receptors. Odors are typically associated with industrial projects involving the use of chemicals, solvents, petroleum products, and other strong-smelling elements used in manufacturing processes, as well as sewage treatment facilities and landfills. As the Proposed Project involves no elements related to these types of activities, no odors from these types of uses are anticipated. Garbage collection areas for the Project Site would have the potential to generate foul odors if the areas are located in close proximity to habitable areas. Objectionable odors from trash receptacles are addressed under Environmental [Q] Condition C.8, which requires trash receptacles be relocated at least 50-feet away from the property line of adjacent residential properties or within the walls of a covered concrete

block enclosure. Good housekeeping practices would be sufficient to prevent nuisance odors. In addition, SCAQMD Rule 402 (Nuisance), and SCAQMD Best Available Control Technology Guidelines would limit potential objectionable odor impacts during the Proposed Project's long-term operations phase. The proposed restaurant land uses would also be required to install odor-reducing equipment in accordance with SCAQMD Rule 1138.

Compliance with SCAQMD Rules 402 and 1138 and Environmental Condition C.8, described above, would ensure any potential objectionable odor impacts are less than significant.

Cumulative Impacts

Less Than Significant Impact. Development of the Proposed Project in conjunction with the related projects in the Project Site vicinity would result in an increase in construction and operational emissions in the already urbanized area of the City of Los Angeles.

Cumulative development can affect implementation of the 2012 AQMP. The 2012 AQMP was prepared to accommodate growth, reduce pollutants within the areas under SCAQMD jurisdiction, improve the overall air quality of the region, and minimize the impact on the economy. Growth considered to be consistent with the 2012 AQMP would not interfere with attainment because this growth is included in the projections utilized in the formulation of the AQMP. Consequently, as long as growth in the Basin is within the projections for growth identified by SCAG, implementation of the 2012 AQMP would not be obstructed by such growth and cumulative impacts would be less than significant. Since the Proposed Project is consistent with SCAG's growth projections, it would not have a cumulatively considerable contribution to an impact regarding a potential conflict with or obstruction of the implementation of the applicable air quality plan. Thus, cumulative impacts related to conformance with the 2012 AQMP would be less than significant.

Cumulative air quality impacts from construction and operation of the Proposed Project, based on SCAQMD guidelines, are analyzed in a manner similar to Project-specific air quality impacts. The SCAQMD recommends that a project's potential contribution to cumulative impacts should be assessed utilizing the same significance criteria as those for project specific impacts. Therefore, according to the SCAQMD, individual development projects that generate construction or operational emissions that exceed the SCAQMD recommended daily thresholds for project-specific impacts would also cause a cumulatively considerable increase in emissions for those pollutants for which the Basin is in non-attainment. Thus, as discussed in Question III(c) above, because the construction-related and operational daily emissions associated with Proposed Project would not exceed the SCAQMD's recommended thresholds, these emissions associated with the Proposed Project would not be cumulatively considerable. Therefore, cumulative air quality impacts would be less than significant.

With respect to cumulative odor impacts, potential sources that may emit odors during construction activities at each related project include the use of architectural coatings, solvents, and asphalt paving. SCAQMD Rule 1108 and 1113 limits the amount of volatile organic compounds from cutback asphalt and architectural coatings and solvents, respectively. Based on mandatory compliance with SCAQMD Rules, construction activities and materials used in the construction of the Proposed Project and related projects would not combine to create objectionable construction odors. With respect to operations,

SCAQMD Rules 402 (Nuisance) and Rule 1138 (Odor Reducing Equipment) would regulate any objectionable odor impacts from the related projects and the Proposed Project's long-term operations phase. Thus, cumulative odor impacts would be less than significant.

IV. BIOLOGICAL RESOURCES

a) Would the project have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulation, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?

Potentially Significant Unless Mitigation Incorporated. Based upon the criteria established in the *L.A. CEQA Thresholds Guide*, a project would normally have a significant impact on biological resources if it could result in: (a) the loss of individuals, or the reduction of existing habitat, of a state or federal listed endangered, threatened, rare, protected, candidate, or sensitive species or a Species of Special Concern; (b) the loss of individuals or the reduction of existing habitat of a locally designated species or a reduction in a locally designated natural habitat or plant community; or (c) interference with habitat such that normal species behaviors are disturbed (e.g., from the introduction of noise or light) to a degree that may diminish the chances for long-term survival of a sensitive species. The Project Site is improved with four light manufacturing and warehouse buildings, paved loading areas, and surface parking.

Based on the information presented in the Protected Tree Report, there are thirty-nine trees on site that are eight inches or greater in diameter at breast height (significant trees). All of the trees on-site are non-native and are non-protected tree species under the Native Protected Tree Ordinance. The trees identified on site include twenty-six Canary Island Pine trees, four Olive trees, three Silver Dollar Eucalyptus trees, three Fan Palm trees, two Evergreen Ash trees, and one Chinese Elm tree. Development of the Project would require the removal of all existing trees and potentially up to three street trees. With the compliance with Mitigation Measure MM-BIO-1, below, the Project would be required to plant replacement trees at a ratio of 1 to 1 (this replacement ratio may be increased at the discretion of the City's Urban Forestry Division). Further, the Proposed Project would be required to comply with the Federal Migratory Bird Treaty Act (MBTA) of 1918 (50 C.F.R Section 10.13). Sections 3503, 3503.5 and 3513 of the California Fish and Game Code prohibit take of all birds and their active nests including raptors and other migratory non-game birds (as listed under the Federal MBTA).

The Project Site does not contain any critical habitat or support any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service. No protected tree species exist on site. However, nesting birds may reside in the thirty-nine tress on-site; for this reason, the Proposed Project would incorporate Mitigation Measure MM-BIO-2, below.

The Proposed Project would incorporate Mitigation Measures MM-BIO-1 and MM-BIO-2, below to ensure that the removal of the thirty-nine non-protected trees on site would result in less than significant impact. With compliance with the following mitigation measures, the Proposed Project would result in a less than significant impact.

Mitigation Measures:

MM-BIO-1 (Tree Removal (Non-Protected Trees)):

- Prior to the issuance of any permit, a plot plan shall be prepared indicating the location, size, type, and general condition of all existing trees on the site and within the adjacent public right(s)-of-way.
- All significant (8-inch or greater trunk diameter, or cumulative trunk diameter if multi-trunked, as measured 54 inches above the ground) non-protected trees on the site proposed for removal shall be replaced at a 1:1 ratio with a minimum 24-inch box tree. Net, new trees, located within the parkway of the adjacent public right(s)-of-way, may be counted toward replacement tree requirements.
- Removal or planting of any tree in the public right-of-way requires approval of the Board of Public Works. Contact Urban Forestry Division at: 213-847-3077. All trees in the public right-of-way shall be provided per the current standards of the Urban Forestry Division the Department of Public Works, Bureau of Street Services.

MM-BIO-2 (Habitat Modification (Nesting Native Birds)):

- Proposed project activities (including disturbances to native and non-native vegetation, structures and substrates) should take place outside of the breeding bird season which generally runs from March 1- August 31 (as early as February 1 for raptors) to avoid take (including disturbances which would cause abandonment of active nests containing eggs and/or young). Take means to hunt, pursue, catch, capture, or kill, or attempt to hunt, pursue, catch, capture of kill (Fish and Game Code Section 86).
- If project activities cannot feasibly avoid the breeding bird season, beginning thirty days prior to the disturbance of suitable nesting habitat, the applicant shall:
    - Arrange for weekly bird surveys to detect any protected native birds in the habitat to be removed and any other such habitat within 300 feet of the construction work area (within 500 feet for raptors) as access to adjacent areas allows. The surveys shall be conducted by a Qualified Biologist with experience in conducting breeding bird surveys. The surveys shall continue on a weekly basis with the last survey being conducted no more than 3 days prior to the initiation of clearance/construction work.
    - If a protected native bird is found, the applicant shall delay all clearance/construction disturbance activities within 300 feet of suitable nesting habitat for the observed protected bird species (within 500 feet for suitable raptor nesting habitat) until August 31.
    - Alternatively, the Qualified Biologist could continue the surveys in order to locate any nests. If an active nest is located, clearing and construction within 300 feet of the nest (within 500 feet for raptor nests) or as determined by a qualified biological monitor, shall be postponed until the nest is vacated and juveniles have fledged and when there is no evidence of a second attempt at nesting. The buffer zone from the nest shall be established in the field with flagging and stakes. Construction personnel shall be instructed on the sensitivity of the area.
    - The applicant shall record the results of the recommended protective measures described above to document compliance with applicable State and Federal laws pertaining to the

protection of native birds. Such record shall be submitted and received into the case file for the associated discretionary action permitting the project.

b) Would the project have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, and regulations or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?

No Impact. Based upon the criteria established in the *L.A. CEQA Thresholds Guide*, a project would normally have a significant impact on biological resources if it could result in: (a) the loss of individuals, or the reduction of existing habitat, of a state or federal listed endangered, threatened, rare, protected, candidate, or sensitive species or a Species of Special Concern; (b) the loss of individuals or the reduction of existing habitat of a locally designated species or a reduction in a locally designated natural habitat or plant community; (c) the alternation of an existing wetland habitat; or (d) interference with habitat such that normal species behaviors are disturbed (e.g., from the introduction of noise, light) to a degree that may diminish the chances for long-term survival of a sensitive species. The Project Site is occupied by four light manufacturing and warehouse buildings and contains paved loading areas and surface parking. The Drainage Report (February 2, 2016, Forma Engineering, Inc.; available in the case file for review) determines that the Project Site is nearly one-hundred percent impervious and no natural waterways exist on site. The Protected Tree Report (January 11, 2016, The Tree Resource) determined that all significant trees located on site are non-protected, non-native tree species. No riparian or other sensitive natural vegetation communities are located on or adjacent to the Project Site. Therefore, implementation of the Proposed Project would not result in any adverse impacts to riparian habitat or other sensitive natural communities, and no impact would occur.

c) Would the project have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?

No Impact. Based upon the criteria established in the *L.A. CEQA Thresholds Guide*, a project would normally have a significant impact on biological resources if it could result in the alteration of an existing wetland habitat. As discussed above, the Project Site is entirely developed with impermeable surfaces and does not contain any wetlands or natural drainage channels. Therefore, the Project Site does not support any riparian or wetland habitat, as defined by Section 404 of the Clean Water Act (see Section 4(b), above), and no impacts to riparian or wetland habitats would occur with implementation of the Proposed Project.

d) Would the project interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?

No Impact. Based upon the criteria established in the *L.A. CEQA Thresholds Guide*, a project would normally result in a significant impact on biological resources if it results in the interference with wildlife movement/migration corridors that may diminish the chances for long-term survival of a sensitive species. The Project Site is located in an urbanized area of the City of Los Angeles. Due to the urbanized surroundings, there are no wildlife corridors or native wildlife nursery sites in the Project vicinity. Thus,

the Proposed Project would not interfere with the movement of any residents or migratory fish or wildlife. Therefore, no impact would occur.

e) Would the project conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance (e.g., oak trees or California walnut woodlands)?

Potentially Significant Unless Mitigation Incorporated. Based upon the criteria established in the *L.A. CEQA Thresholds Guide*, a project-related significant adverse effect could occur if a project were to cause an impact that is inconsistent with local regulations pertaining to biological resources, such as the City of Los Angeles Protected Tree Ordinance, 177,404. The Project Site is improved with four light manufacturing and warehouse buildings, paved loading areas, and parking areas. There are no protected tree species located on the Project Site. Therefore, the Proposed Project would not have the potential to conflict with the City of Los Angeles Protected Tree Ordinance. However, it is anticipated that all 39 trees on-site would be removed during the construction of the Proposed Project. Further, the Proposed Project may require the removal of three street trees along Pasadena Avenue. In the event that the construction of the Proposed Project would require the removal of street trees, the removal of street trees is subject to the approval and tree replacement conditions set forth by the Board of Public Works, Urban Forestry Division. Further, the Project would be required to comply with the Federal Migratory Bird Treaty Act and Sections 3503, 3503.5, and 3513 of the California Fish and Game Code, which prohibits take of all birds and their active nests including raptors and other migratory non-game birds. Compliance with MM-BIO-1 and MM-BIO-2, above, would ensure that impacts upon the loss of on-site trees and street trees would be less than significant.

f) Would the project conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?

No Impact. A significant impact would occur if the Proposed Project would be inconsistent with maps or policies in any conservation plans of the types cited. The Project Site and its vicinity are not part of any draft or adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional or state habitat conservation plan. Therefore, no impact would occur with implementation of the Proposed Project.

Cumulative Impacts

Less Than Significant Impact. The Proposed Project would have a less than significant impact upon biological resources with mitigation. Development of the Proposed Project in combination with the three related projects would not significantly impact wildlife corridors or habitat for any candidate, sensitive, or special status species identified in local plans, policies, or regulations, or by the CDFG or the USFWS. No such habitat occurs in the vicinity of the Project Site or related projects due to the existing urban development. Development of any of the related projects would be subject to the City of Los Angeles Protected Tree Ordinance, Federal Migratory Bird Treaty Act, and Sections 3503, 3503.5, and 3513 of the California Fish and Game Code. Thus, cumulative impacts to biological resources would be considered less than significant.

V. CULTURAL RESOURCES

a) Would the project cause a substantial adverse change in the significance of an historic resource pursuant to CEQA § 15064.5?

Less Than Significant Impact. Based upon the criteria established in the *L.A. CEQA Thresholds Guide*, a significant impact may occur if the Proposed Project results in a substantial adverse change in the significance of a historic resource. Section 15064.5 of the State CEQA Guidelines defines a historical resource as: (1) a resource listed in or determined to be eligible by the State Historical Resources Commission for listing in the California Register of Historical Resources; (2) a resource listed in a local register of historical resources or identified as significant in an historical resource survey meeting certain State guidelines; or (3) an object, building, structure, site, area, place, record, or manuscript which a lead agency determines to be significant in the architectural, engineering, scientific, economic, agricultural, educational, social, political, military, or cultural annals of California, provided that the lead agency's determination is supported by substantial evidence in light of the whole record. A substantial adverse change in the significance of a historic resource means demolition, destruction, relocation, or alteration of the resource or its immediate surroundings such that the significance of a historical resource would be materially impaired.[10]

The Project Site is currently developed with four light manufacturing and warehouse buildings and paved loading areas and surface parking. These four buildings include:

1. One 24,018 square foot light manufacturing facility building, which fronts the west side of Pasadena Avenue, constructed circa 1967;
2. One 3,521 square foot light manufacturing facility building, located on the southwest corner of the Project Site, constructed circa 1929;
3. One 4,033 square foot light manufacturing facility building, located on the southeast corner of the Project Site, constructed circa 1948; and
4. One 86,712 square foot warehouse facility building, which fronts the north side of Avenue 34, constructed circa 1977.

The City of Los Angeles Department of City Planning, Los Angeles Historic Resources Inventory and Survey LA, had reviewed the buildings on-site and identified the 3,521 square foot light manufacturing building located at 153 W. Avenue 34 for further review. The Los Angeles Historic Resources Inventory and Survey LA determined that, upon further review, this building does not meet the eligibility standards for historic listing, due to alterations to the façade windows and entrance.[11] Nevertheless, as part of the Proposed Project, the Project includes the rehabilitation and adaptive reuse of a portion the

---

[10] *CEQA Guidelines, Section 15064.5(b)(1).*

[11] *City of Los Angeles Department of City Planning, Los Angeles Historic Resources Inventory, 153 W. Avenue 34 Historic Resource Report, website: http://www.historicplacesla.org/reports/aeef3669-d0cc-4703-9e2b-c9e78de172a3, accessed: February 2016.*

aforementioned building (No. 2 listed above) and 7,963 square feet of the building that fronts Pasadena Avenue (No. 1 listed above).

As the Project Site does not contain any historic or potentially historic resources, the Proposed Project would result in a less than significant impact to historic resources.

b) Would the project cause a substantial adverse change in the significance of an archaeological resource pursuant to CEQA § 15064.5?

Less Than Significant Impact. Based upon the criteria established in the *L.A. CEQA Thresholds Guide*, a significant impact may occur if grading or excavation activities associated with the Proposed Project would disturb archaeological resources. No known archaeological sites are identified on the Project Site. There is no evidence that suggests any archaeological sites or archaeological resources exist on the Project Site. The Project Site has been previously developed and is located in an urbanized area within the City of Los Angeles. The Proposed Project would include excavation to a depth of approximately 15 feet below grade to construct a one level subterranean parking garage. Thus, the potential exists for the accidental discovery of unknown and unrecorded archaeological materials. In the unlikely event any archaeological resources are encountered during the construction phase, the discovery of such materials would be mitigated to less than significant levels through compliance with the following applicable regulatory compliance measure:

- **(Archaeological):** If archaeological resources are discovered during excavation, grading, or construction activities, work shall cease in the area of the find until a qualified archaeologist has evaluated the find in accordance with federal, State, and local guidelines, including those set forth in California Public Resources Code Section 21083.2. Personnel of the proposed Modified Project shall not collect or move any archaeological materials and associated materials. Construction activity may continue unimpeded on other portions of the Project site. The found deposits would be treated in accordance with federal, State, and local guidelines, including those set forth in California Public Resources Code Section 21083.2.

Due to the absence of any known archeological resources, no mitigation measures are warranted. Because the presence or absence of such materials cannot be determined until the Project Site is excavated, compliance with the regulatory compliance measure above would ensure that if any archaeological resources are encountered during construction, impacts to such resources would be mitigated to a less than significant level.

c) Would the project directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?

Less Than Significant Impact. Based upon the criteria established in the *L.A. CEQA Thresholds Guide*, a significant impact may occur if grading or excavation activities associated with the Proposed Project were to disturb paleontological resources or geologic features which presently exist within the Project Site. As discussed above, the Project Site has been developed since the early 1900s. In the late 1970s, the

Project Site was developed into its current layout. The Project Site and immediate surrounding areas do not contain any known vertebrate paleontological resources.[12] Although no paleontological resources are known to exist on-site, there is a potential for paleontological resources to exist at sub-surface levels on the Project Site, which may be uncovered during excavation of the proposed parking garage. Implementation of the regulatory compliance measure, identified below, would ensure that if any such resources are found during construction of the Proposed Project, they would be handled according to the proper regulations and any potential impacts would be reduced to less than significant levels.

Regulatory Compliance Measure:

- **(Paleontological)**: If paleontological resources are discovered during excavation, grading, or construction, the City of Los Angeles Department of Building and Safety shall be notified immediately, and all work shall cease in the area of the find until a qualified paleontologist evaluates the find. Construction activity may continue unimpeded on other portions of the Project site. The paleontologist shall determine the location, the time frame, and the extent to which any monitoring of earthmoving activities shall be required. The found deposits would be treated in accordance with federal, State, and local guidelines, including those set forth in California Public Resources Code Section 21083.2.

d) Would the project disturb any human remains, including those interred outside of formal cemeteries?

Less Than Significant Impact. Based upon the criteria established in the *L.A. CEQA Thresholds Guide*, a project-related significant adverse effect could occur if grading or excavation activities associated with the proposed project would disturb previously interred human remains. No known human burials have been identified on the Project Site or its vicinity. However, it is possible that unknown human remains could occur on the Project Site, and if proper care is not taken during construction, damage to or destruction of these unknown remains could occur. The following regulatory compliance measure would ensure potential impacts related to the disturbance of unknown human remains are less than significant.

Regulatory Compliance Measure:

- **(Human Remains):** If human remains are encountered unexpectedly during construction demolition and/or grading activities, State Health and Safety Code Section 7050.5 requires that no further disturbance shall occur until the County Coroner has made the necessary findings as to origin and disposition pursuant to California Public Resources Code (PRC) Section 5097.98. In the event that human remains are discovered during excavation activities, the following procedure shall be observed:
    - Stop immediately and contact the County Coroner:

[12] *City of Los Angeles Department of City Planning, Environmental and Public Facilities Maps: Vertebrate Paleontological Resources in the City of Los Angeles, September 1996.*

1104 N. Mission Road
Los Angeles, CA 90033
323-343-0512 (8 a.m. to 5 p.m. Monday through Friday) or
323-343-0714 (After Hours, Saturday, Sunday, and Holidays)

- If the remains are determined to be of Native American descent, the Coroner has 24 hours to notify the Native American Heritage Commission (NAHC).
- The NAHC will immediately notify the person it believes to be the most likely descendent of the deceased Native American.
- The most likely descendent has 48 hours to make recommendations to the owner, or representative, for the treatment or disposition, with proper dignity, of the human remains and grave goods.
- If the owner does not accept the descendant's recommendations, the owner or the descendent may request mediation by the NAHC.

e) Cause a substantial adverse change in the significance of a site, feature, place, cultural landscape, sacred place, or object with cultural value to a California Native American Tribe that is listed or determined eligible for listing on the California register of historical resources, listed on a local historical register, or otherwise determined by the lead agency to be a tribal cultural resource?

Less Than Significant Impact. Pursuant to AB 52, the Department of City Planning sent pre-consultation request letters on May 25, 2016 to the recognized Native American Tribal Representatives within the Los Angeles region. The City of Los Angeles did not receive any responses. Therefore, because the Project Site has been subject to ground disturbance activities in the past and is not known to be associated with any cultural or sacred sites, and no Native American Tribal Representatives have requested consultation, the probability for the discovery of a known site, feature, place, cultural landscape, sacred place, or object with cultural value to a California Native American Tribe is considered low. Thus, in the absence of any known cultural resources, adherence to the regulatory compliance measures relating to archeological, paleontological, and human remains (referenced above), would ensure impacts associated with the accidental discovery of any archaeological resources or human remains, including Native American resources would be avoided or reduced to less than significant levels.

Cumulative Impacts

Less Than Significant Impact. Development of the Proposed Project, in combination with the other three related projects in the Project Site vicinity, would result in the continued redevelopment and revitalization of the surrounding area. Impacts to cultural resources tend to be site-specific and are assessed on a site-by-site basis. The analysis of the Proposed Project's impacts to cultural resources concluded that the Proposed Project would have no significant impacts with respect to cultural resources following appropriate regulatory compliance measures. Therefore, the Proposed Project's incremental contribution to a cumulative impact would not be considerable, and cumulative impacts to cultural resources would be less than significant.

VI. GEOLOGY AND SOILS

The following section summarizes and incorporates the reference information from the Geotechnical Investigation prepared by Geocon West, Inc.: Geotechnical Investigation: Proposed Mixed-Use Residential Development, 141 West Avenue 34, Los Angeles, California, dated July 23, 2015 ("Geotechnical Investigation") and the City of Los Angeles Department of Building and Safety's Soils Report Approval Letter, dated January 26, 2016 ("Soils Approval Letter"). The Project Geotechnical Investigation and Soils Approval Letter are included in the case file.

a) Would the project expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.

Less Than Significant Impact. Based upon the criteria established in the *L.A. CEQA Thresholds Guide*, a significant impact may occur if a project site is located within a State-designated Alquist-Priolo Zone or other designated fault zone.

The Project Site is located within the former Arroyo Seco streambed and within the central portion of the Los Angeles Basin. The Los Angeles Basin, located in the northern portion of the Peninsular Ranges geomorphic province, is northwest-trending alleviated lowland plain, sometimes called the Coastal Plain of Los Angeles. The prominent structural features within the Los Angeles Basin include the central lowland plain, the uplifted Palos Verdes Hills, the northwest-trending line of low hills and mesas within the Newhall-Inglewood Fault Zone.

Geocon performed six borings (identified as B1-B6) as part of their field investigation. Based on the information contained in the Geotechnical Investigation by Geocon West, Inc., the Project Site is underlain by artificial fill and Holocene age alluvial fan deposits consisting of varying amounts of unconsolidated gravel, sand and silt. The artificial fill was encountered to a maximum depth of two feet below the ground surface, except in Boring B3. Artificial fill was locally encountered in Boring B3 to a maximum depth of 30 feet below the ground surface. The artificial fill generally consists of light brown to dark brown, fine- to coarse-grained silty sand and sandy clay. The artificial fill is characterized as slightly moist to moist and medium dense to dense or firm. The alluvial fan deposits underlays the artificial fill. The alluvial deposits consistent of primarily light brown to brown poorly graded sand with varying amounts of gravel and cobbles. The gravel and cobbles were observed to vary both laterally and vertically within the alluvial deposits. The alluvial soils are primarily slightly moist and medium dense to very dense and generally become denser with increase in depth. A detailed description of the soil conditions may be obtained from the individual logs of the subsurface excavations in the Geotechnical Investigation.

The closest active fault to the Project Site is the Raymond Fault located 1.8 miles north of the Project Site. Other nearby active faults are the Hollywood Fault, the Verdugo Fault, the Sierra Madre Fault, and the Newport-Inglewood Fault Zone located 3.2 miles north northwest, 3.9 miles north, 8.8 miles north, and 10.5 miles southwest of the Project Site, respectively. The active San Andreas Fault Zone is located approximately 30 miles northeast of the Project Site. The closest potentially active faults to the Project

Site are the Coyote Pass Fault and Macarthur Park Fault located approximately 3.4 miles to the south and 3.6 miles southwest of the Project Site, respectively.

Several buried thrust faults, commonly referred to as blind thrusts, underlie the Los Angeles Basin at depth. These faults are not exposed at the ground surface and are typically identified at depths greater than 3.0 kilometers. The October 1, 1987 Whittier Narrows earthquake and the January 17, 1994 Northridge earthquake were a result of movement on the Puente Hills Blind Thrust and the Northridge Thrust, respectively. The Project Site is within the vertical projection of both the Los Angeles Segment of the Puente Hills Blind Thrust and the Upper Elysian Park Blind Thrust. These thrust faults are not exposed at the surface and do not present a potential surface fault rupture hazard; however, these are active features capable of generating future earthquakes that would result in strong ground shaking at the Project Site.

The Project Site is not within a currently established Alquist-Priolo Earthquake Fault Zone for surface fault rupture hazards. No active or potentially active faults with the potential for surface fault rupture are known to pass directly beneath the Project Site. Therefore, the potential for surface rupture due to faulting occurring beneath the Project Site during the design life of the proposed development is considered low. However, the Project Site is located in the seismically active Southern California region, and could be subjected to moderate to strong ground shaking in the event of an earthquake on one of the many active Southern California faults.

Based on the conclusions of the Geotechnical Investigation, the potential for surface ground rupture at the Project Site is considered remote, and the potential for impacts associated with surface fault rupture would be considered less than significant. As required by law and Environmental [Q] Condition C.9, the Project would adhere to current engineering standards, the seismic safety requirements set forth in the City of Los Angeles Building Code (LABC) and the Los Angeles Municipal Code (LAMC), and design recommendations set forth in the Geotechnical Investigation so that the proposed structures may withstand typical seismic ground shaking. In addition, geologic and geotechnical evaluations of the proposed Project would follow the guidelines presented in CGS *Special Publication 117, Guidelines for Evaluating and Mitigating Seismic Hazards in California,* which provides guidance for evaluation and mitigation of earthquake-related hazards (other than fault rupture). Thus, impacts related to strong seismic shaking would be reduced to less than significant levels. Potential impacts associated with seismic safety would be further reduced to less than significant levels with incorporation of the following regulatory compliance measure:

- **(Seismic and Geotechnical Safety):** The project shall comply with the conditions contained within the Department of Building and Safety's Geology and Soils Report Approval Letter (dated January 26, 2016) and Project's Geotechnical Investigation prepared by Geocon West, Inc. (dated July 23, 2015), and as it may be subsequently amended or modified.

b) Would the project expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving strong seismic ground shaking?

Less Than Significant Impact. Based upon the criteria established in the *L.A. CEQA Thresholds Guide*, a significant impact may occur if a project represents an increased risk to public safety or destruction of property by exposing people, property, or infrastructure to seismically induced ground shaking hazards

that are greater than the average risk associated with other locations in Southern California. The Project Site is located in the seismically active Southern California region, and could be subjected to moderate to strong ground shaking in the event of an earthquake on one of the many active Southern California faults. The intensity of ground shaking depends upon the earthquake magnitude, the distance from the source, and the site response characteristics. The primary seismic hazard for the Proposed Project is the potential for strong ground motion from future earthquakes within the Los Angeles Basin. However, this hazard and the effects of ground shaking are common in Southern California. Conformance with current building codes and engineering practices during the Project's design and construction would mitigate the potential effects of ground shaking. Accordingly, the Geotechnical Investigation establishes seismic design criteria.

Seismically induced settlement is often caused when loose to medium-dense granular soils are densified during ground shaking. Settlement of the foundation system is expected to occur on initial application of loading. Differential settlement is not expected to exceed one half inch over a distance of 20 feet. Seismically induced settlement is considered to be less than significant impact. The Project Site is considered suitable for the construction of the Proposed Project provided that the recommendations specified in the Geotechnical Investigation are included in the design and construction of the Proposed Project to the satisfaction of the Department of Building and Safety. Accordingly, compliance with Environmental [Q] Condition C.9 and the regulatory compliance measure pertaining to seismic and geotechnical safety, above, would ensure impacts associated with seismic hazards are reduced to a less than significant level.

c) Would the project expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving seismic-related ground failure, including liquefaction?

Less Than Significant Impact. Based upon the criteria established in the *L.A. CEQA Thresholds Guide*, a significant impact may occur if a Project Site is located within a liquefaction zone. Liquefaction is a phenomenon in which loose, saturated, relatively cohesionless soil deposits lose shear strength during strong ground motions. Primary factors controlling liquefaction include intensity and duration of ground motion, gradation characteristics of the subsurface soils, in-situ stress conditions, and the depth to groundwater. Liquefaction is typified by a loss of shear strength in the liquefied layers due to rapid increases in pore water pressure generated by earthquake accelerations. Liquefaction typically occurs in areas where the soils below the water table are composed of poorly consolidated, fine to medium-grained, primarily sandy soil.

Based on the State of California Seismic Hazards Map for the Los Angeles 7½-Minute Quadrangle and the City of Los Angeles General Plan Safety Element, the Project Site is located in an area designated as "liquefiable." Pursuant to Environmental [Q] Condition C.11, Geocon performed a liquefaction analysis of the soil underlying the Project Site to assess potential consequences of any liquefaction and soil strength loss, estimation of settlement, lateral movement or reduction in foundation soil-bearing capacity. A liquefaction analysis was performed for a design level earthquake by using a historic high groundwater table of 20 feet below the ground surface, a magnitude of 6.63 earthquake, and a peak horizontal acceleration of 0.698g. A liquefaction analysis was also performed for a maximum considered earthquake by using a historic high groundwater table of 20 feet below the ground surface, a magnitude 6.62 earthquake, and a peak horizontal acceleration of 1.047g. Geocon concluded that the alluvial soils below

the historic high groundwater level would not be susceptible to liquefaction settlement during a design level earthquake ground motion and a maximum considered earthquake.

In compliance with Environmental [Q] Condition C.11, the Proposed Project would adhere to current engineering standards, the seismic safety requirements set forth in the City of Los Angeles Building Code (LABC) and the Los Angeles Municipal Code (LAMC), and design recommendations set forth in the Geotechnical Investigation. Therefore, potential impacts related to liquefaction would be less than significant.

d) Would the project expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving landslides?

No Impact. Based upon the criteria established in the *L.A. CEQA Thresholds Guide*, a project would normally have a significant geologic hazard impact if it would cause or accelerate geologic hazards which would result in substantial damage to structures or infrastructure, or expose people to substantial risk of injury. A project-related significant adverse effect may occur if a project is located in a hillside area with soil conditions that would suggest a high potential for sliding. According to the Geotechnical Investigation, the Project Site is not located within a City of Los Angeles Hillside Grading Area or Hillside Ordinance Area. The City of Los Angeles General Plan Safety Element further indicates that the Project Site is not located in an area susceptible to landslides.[13] The Project Site is not within an area identified as having a potential for seismic slope instability. There are no known landslides near the Project Site, nor is the Project Site in the path of any known or potential landslides. Therefore, the potential for slope stability hazards to adversely affect the proposed development is considered low. Therefore, no impact would occur.

e) Would the project result in substantial soil erosion or the loss of topsoil?

Less Than Significant Impact. Based upon the criteria established in the *L.A. CEQA Thresholds Guide*, a project would normally have significant sedimentation or erosion impact if it would: (a) constitute a geologic hazard to other properties by causing or accelerating instability from erosion; or (b) accelerate natural processes of wind and water erosion and sedimentation, resulting in sediment runoff or deposition which would not be contained or controlled on-site. Although development of the Proposed Project has the potential to result in the erosion of soils during site preparation and construction activities, erosion would be reduced by implementation of stringent erosion controls imposed by the City of Los Angeles through grading and building permit regulations. Minor amounts of erosion and siltation could occur during grading. The potential for soil erosion during the ongoing operation of the Proposed Project is extremely low due to the generally level topography of the Project Site, and the fact that the Project Site would be mostly paved-over or built upon so little soil would be exposed. All grading activities require grading permits from the Department of Building and Safety, which include requirements and standards designed to limit potential impacts to acceptable levels. In addition, all on-site grading and site preparation would comply with applicable provisions of Chapter IX, Division 70 of the LAMC, which

[13] *City of Los Angeles Department of City Planning, Safety Element of the Los Angeles City General Plan, Exhibit C: Landslide Inventory & Hillside Areas In the City of Los Angeles, June 1994.*

addresses grading, excavations, and fills. Additionally, implementation of the regulatory compliance measure, below, would further ensure a less-than-significant impact would occur with respect to erosion or loss of topsoil.

Regulatory Compliance Measure:

- **(Erosion/Grading/Short-Term Construction Impacts):** Chapter IX, Division 70 of the Los Angeles Municipal Code addresses grading, excavations, and fills. All grading activities require grading permits from the Department of Building and Safety. Additional provisions are required for grading activities within Hillside areas. The application of BMPs includes but is not limited to the following mitigation measures:
  - Excavation and grading activities should be scheduled during dry weather periods. If grading occurs during the rainy season (October 15 through April 1), diversion dikes shall be constructed to channel runoff around the site. Channels shall be lined with grass or roughened pavement to reduce runoff velocity.
  - Stockpiles, excavated, and exposed soil shall be covered with secured tarps, plastic sheeting, erosion control fabrics, or treated with a bio-degradable soil stabilizer.

f) Would the project be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?

Less Than Significant Impact. Based upon the criteria established in the *L.A. CEQA Thresholds Guide*, a project would normally have a significant geologic hazard impact if it could cause or accelerate geologic hazards causing substantial damage to structures or infrastructure, or expose people to substantial risk of injury. A significant impact may occur if the Proposed Project is built in an unstable area without proper site preparation or design features to provide adequate foundations for buildings, thus posing a hazard to life and property. The Geotechnical Investigation concluded that the potential for seismically induced settlement at the Project Site is considered small, and the geotechnical conditions are favorable for the Proposed Project provided that the recommendations specified in the Geotechnical Investigation are included in the design and construction of the Proposed Project to the satisfaction of the Department of Building and Safety. The Geotechnical Investigation finds that the Project Site is not located within an area that is susceptible to landslides and subsidence. Further, the Geotechnical Investigation finds that although the Project Site is located within an area identified as "liquefiable," the soils on the Project Site would not be susceptible to liquefaction settlement during a design level earthquake ground motion and a maximum considered earthquake. The Proposed Project would comply with the Los Angeles Building Code as entitled and in accordance with the conditions contained within the Department of Building and Safety's Geology and Soils Report Approval Letter for the Proposed Project.

The Proposed Project includes the development of a creative campus with multi-family residential units, creative office space, and retail/restaurant space. No large-scale extraction of groundwater, gas, oil, or geothermal energy is occurring or is planned to occur with the development of the Proposed Project or in the general Project Site vicinity. The Proposed Project would not create unstable geologic conditions on or off site, and the Project impacts would be less than significant.

g) Would the project be located on expansive soil, as identified in Table 18-1-B of the Uniform Building Code (1994), creating substantial risks to life or property?

No Impact. Based upon the criteria established in the *L.A. CEQA Thresholds Guide*, a project would normally have a significant geologic hazard impact if it would cause or accelerate geologic hazards, which would result in substantial damage to structures or infrastructure, or expose people to substantial risk of injury. A significant impact may occur if the Proposed Project is built on expansive soils without proper site preparation or design features to provide adequate foundations for buildings, thus posing a hazard to life and property. Based on the results of the Geotechnical Investigation, the soils at the Project Site are considered to have a "very low" expansive potential and are classified as "non-expansive" in accordance with the 2013 California Building Code Section 1803.5.3. Therefore, no impact would occur with respect to expansive soils.

h) Would the project have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater?

No Impact. This question would apply to the Proposed Project only if it was located in an area not served by an existing sewer system. The Project Site is located in a developed area within the City of Los Angeles, which is served by a wastewater collection, conveyance and treatment system operated by the City of Los Angeles. No septic tanks or alternative disposal systems neither are necessary, nor are they proposed. Thus, no impact would occur.

Cumulative Impacts

Less Than Significant Impact. Geotechnical hazards are site-specific and there is little, if any, cumulative geological relationship between the Proposed Project and any of the three related projects. Similar to the Proposed Project, potential impacts related to geology and soils would be assessed on a case-by-case basis and, if necessary, the applicants of the related projects would be required to implement the appropriate mitigation measures. Furthermore, the analysis of the Proposed Project's geology and soils impacts concluded that, through adherence with the regulatory compliance measures listed above, Proposed Project impacts would be reduced to less than significant levels. Therefore, the Proposed Project would not make a cumulatively considerable contribution to any potential cumulative impacts, and cumulative geology and soil impacts would be less than significant.

VII. GREENHOUSE GAS EMISSIONS

Greenhouse gas (GHG) emissions refer to a group of emissions that have the potential to trap heat in the atmosphere and consequently affect global climate conditions. Scientific studies have concluded that there is a direct link between increased emission of GHGs and long-term global temperature. The principal GHGs are carbon dioxide (CO_2), methane (CH_4), nitrous oxide (N_2O), sulfur hexafluoride (SF_6), perfluorocarbons (PFCs), hydrofluorocarbons (HFCs), and water vapor (H_2O). CO_2 is the reference gas for climate change because it is the predominant greenhouse gas emitted. To account for the varying warming potential of different GHGs, GHG emissions are often quantified and reported as CO_2 equivalents (CO_2e).

California Global Warming Solutions Act of 2006

The California Global Warming Solutions Act of 2006, widely known as AB 32, set a mandate for the California Air Resources Board (CARB) to develop and enforce regulations for the reporting and verification of statewide GHG emissions. The heart of the bill is the requirement that statewide GHG emissions be reduced to 1990 levels by 2020. In its Climate Change Scoping Plan (2008), ARB developed a California statewide GHG emission inventory for years 1990–2004 to support the effort of determining the 1990 level and 2020 near-term emissions limit. To determine the amount of GHG emission reductions needed to reduce to 1990 emissions, ARB then developed a forecast of 2020 emissions in a business-as-usual scenario (2020 BAU), which is an estimate of the emissions expected to occur in the year 2020 if none of the foreseeable measures included in the Scoping Plan were implemented.

In May 2014, CARB published the First Update to the Climate Change Scoping Plan, where it revised the previously adopted 1990 GHG emissions level from 427 $MMTCO_2e$ to 431 $MMTCO_2e$ based on the scientifically updated global warming potential (GWP) values in the Intergovernmental Panel on Climate Change's (IPCC's) Fourth Assessment Report.[14] The total future emissions forecasted in the 2020 BAU scenario were also updated from the previously adopted estimate of 596 $MMTCO_2e$ to 509 $MMTCO_2e$. The updated 2020 BAU scenario includes reductions anticipated from the implementation of several policies aimed at reducing the statewide greenhouse gas emissions inventory which are now adopted into law (i.e., California's Low Carbon Fuel Standard, Pavley I and the Renewable Electricity Standard). As shown in Table III-5, below, the State anticipates it will meet its 2020 GHG emissions limit of 431 $MMTCO_2e$ through reductions in energy, transportation, waste and high-GWP sectors. The Cap-and-Trade Regulation provides a firm cap, ensuring that the 2020 statewide emission limit will not be exceeded. Thus, the estimated emission reductions attributed to the Cap-and-Trade Program depend on the emissions forecast. For example, if the emissions forecast increases, the reductions associated with the Cap-and- Trade Program will increase.

Table III-5
Climate Change Scoping Plan 2020 Emissions Target

Category	2020 CO_2e Emissions ($MMTOC_2e$) [a]
AB 32 Baseline 2020 Forecast Emissions (2020 BAU)	509
Expected Reductions from Sector-Based Measures	
Energy	-25
Transportation	-23
High-GWP	-5
Waste	-2

[14] *The IPCC is the leading international body for the scientific assessment of climate change established in 1988 under the auspices of the United Nations.*

Cap and Trade Reductions	-23 [b]
2020 Limit	=431

[a] Based on AR4 GWP values.
[b] Cap and Trade emissions reductions depend on the emission forecast.
Source: CARB, First Update to the Climate Change Scoping Plan, May 2014.

While the Scoping Plan does not provide any specific mandates or policies that directly applies to CEQA Projects, statewide reductions in GHG emissions from construction is being accomplished through continuous updates to the California Green Building Standards (CALGreen) Code and other State-mandated laws and regulations. Originally adopted in 2008, the CALGreen Code included all voluntary standards that went beyond the basic building code requirements and introduced new standards for reducing water use, provisions for reducing and recycling construction and demolition waste, criteria for site development to locate buildings near public transit, and measures for improving indoor air quality to protect the health of building occupants. In 2010, the CALGreen Code became mandatory on a statewide basis. Effective January 2014, the scope of the CALGreen Code was expanded to all residential buildings, including high-rise residential, as well as to additions or alterations with increases in conditioned space.

LA Green Plan

The City of Los Angeles has addressed the issue of global climate change through implementation of the *Green L.A., An Action Plan to Lead the Nation in Fighting Global Warming (L.A. Green Plan)* and has updated its zoning Code to mandate increased energy efficiency measures in new construction. The *L.A. Green Plan* outlines the goals and actions that the City has established to reduce the generation and emission of GHGs from both public and private activities. According to the *L.A. Green Plan*, Los Angeles is committed to the goal of reducing emissions of CO_2 to 35 percent below 1990 levels. To achieve this, the City is increasing the generation of renewable energy, improving energy conservation and efficiency, and changing transportation and land use patterns to reduce dependence on automobiles.

LA Green Building Code

The City of Los Angeles *L.A. Green Building Code* (Ordinance No. 181480), which incorporates applicable provisions of the CALGreen Code, and in many cases outlines more stringent GHG reduction measures available to development projects in the City of Los Angeles is consistent with statewide goals and policies in place for the reduction of greenhouse gas emissions, including AB 32 and the corresponding Scoping Plan. Among the many GHG reduction measures outlined later in this Section, the *L.A. Green Building Code* requires new development projects to achieve a 20 percent reduction in potable water use and wastewater generation, meet and exceed Title 24 Standards adopted by the California Energy Commission on December 17, 2008, and meet 50 percent construction waste recycling levels. New development projects are required to comply with the *L.A. Green Building Code,* and therefore are generally considered consistent with statewide GHG-reduction goals and policies, including AB 32.

2016-2040 RTP/SCS

On April 7, 2016, SCAG adopted the 2016-2040 Regional Transportation Plan/Sustainable Communities Strategy: Towards a Sustainable Future (RTP/SCS). Within the RTP/SCS, the SCS demonstrates the region's ability to attain and exceed the GHG emission-reduction targets set forth by CARB. The SCS sets forth a regional plan for integrating the transportation network and related strategies with an overall land use pattern that responds to projected growth, housing needs, changing demographics, and transportation demands. The regional vision of the SCS maximizes current voluntary local efforts that support the goals of SB 375, as evidenced by several Compass Blueprint Demonstration Projects and various county transportation improvements. The SCS focuses the majority of new housing and job growth in high-quality transit areas and other opportunity areas in existing main streets, downtowns, and commercial corridors, resulting in an improved jobs-housing balance and more opportunity for transit-oriented development. This overall land use development pattern supports and complements the proposed transportation network that emphasizes system preservation, active transportation, and transportation demand management measures. By analyzing the performance of land use changes and transportation strategies related to GHG emissions reductions, the 2016-2040 RTP/SCS concluded that GHG emissions per capita relative to 2005 emissions would be reduced by 8% in 2020, 18% in 2035, and 21% in 2040 in the SCAG region, which would exceed CARB's required reduction targets. These future GHG goals and conditions would be met in 2040 if investments and strategies detailed in the 2016-2040 RTP/SCS are fully realized.

Sustainable Communities and Climate Protection Act (SB 375)

California's Sustainable Communities and Climate Protection Act, also referred to as Senate Bill 375 (SB 375) became effective January 1, 2009. The goal of SB 375 is to help achieve AB 32's GHG emissions reduction goals by aligning the planning processes for regional transportation, housing, and land use. SB 375 requires CARB to develop regional reduction targets for GHGs, and prompts the creation of regional plans to reduce emissions from vehicle use throughout the state. California's 18 Metropolitan Planning Organizations (MPOs) have been tasked with creating "Sustainable Community Strategies" (SCS) in an effort to reduce the region's vehicle miles traveled (VMT) in order to help meet AB 32 targets through integrated transportation, land use, housing and environmental planning. Pursuant to SB 375, CARB set per-capita GHG emissions reduction targets from passenger vehicles for each of the State's 18 MPOs. For the SCAG region, the targets are set at eight percent below 2005 per capita emissions levels by 2020 and 13 percent below 2005 per capita emissions levels by 2035.

SCAQMD

SCAQMD has released draft guidance regarding interim CEQA GHG significance thresholds. In October 2008, SCAQMD proposed the use of a percent emission reduction target to determine significance for commercial/residential projects that emit greater than 3,000 metric tons of CO2e per year. On December 5, 2008, the SCAQMD Governing Board adopted the staff proposal for an interim GHG significance threshold for stationary source/industrial projects where SCAQMD is lead agency. However, SCAQMD has yet to formally adopt a GHG significance threshold for land use development projects (e.g.,

residential/commercial projects) and has formed a GHG Significance Threshold Working Group to further evaluate potential GHG significance thresholds.

a) Would the project generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?

Less Than Significant Impact. Notwithstanding the regulatory plans and building code updates discussed above, there are no federal, state or local adopted thresholds of significance for addressing a residential project's GHG emissions pursuant to CEQA. Section 15064.4 of the CEQA Guidelines provides direction to lead agencies in determining the significance of the impacts of GHGs, however, it does not establish a specific threshold of significant. Since neither the SCAQMD nor the City of Los Angeles have adopted quantitative thresholds of significance for a residential project's generation of greenhouse gas emissions, the following analysis is based on a combination of the requirements outlined in the CEQA Guidelines. As required in Section 15064.4 of the CEQA Guidelines, this analysis includes an impact determination based on the following: (1) The extent to which the project may increase or reduce greenhouse gas emissions as compared to the existing environmental setting; (2) Whether the project emissions exceed a threshold of significance that the lead agency determines applies to the project; (3) The extent to which the project complies with regulations or requirements adopted to implement a statewide, regional, or local plan for the reduction or mitigation of greenhouse gas emissions. The Guidelines do not mandate the use of absolute numerical thresholds to measure the significance of greenhouse gas emissions.

For purposes of this analysis, a significant impact would occur if the Proposed Project's design features are not substantially consistent with the applicable policies and/or regulations outlined in the Scoping Plan, SB 375, SCAG's RTP/SCS, and the LA Green Building Code.

Construction

Construction of the Proposed Project would emit GHG emissions through the combustion of fossil fuels by heavy-duty construction equipment and through vehicle trips generated by construction workers traveling to and from the Project Site. These impacts would vary day to day over the approximate 34-month duration of construction activities.

Emissions of GHGs were calculated using CalEEMod *Version 2016.3.1* for the construction duration of the Proposed Project and the results of this analysis are presented in Table III-6, Project Construction-Related Greenhouse Gas Emissions. As shown in Table III-6, the total GHG emissions from construction activities related to the Proposed Project would be approximately 2,491.42 metric tons with the greatest annual emissions of 926.71 metric tons occurring in year 2018.

Table III-6
Proposed Project Construction-Related Greenhouse Gas Emissions

Year	CO_2e Emissions (Metric Tons per Year) [a]
2017	609.62
2018	926.71
2019	827.66
2020	127.43
Total Construction GHG Emissions	**2,491.42**

[a] Construction CO_2 values were derived using CalEEMod Version 2016.3.1 Calculation data and results are provided in Greenhouse Gas Emissions Calculations Worksheets in the case file..

Operation

The average daily GHG emissions generated by the existing Project Site have been estimated utilizing CalEEMod as recommended by the SCAQMD. Table III-7, Existing Project Site Greenhouse Gas Emissions, presents the GHG emissions associated with existing operations at the Project Site. As shown in Table III-7, the existing industrial operations on the Project Site generate approximately 2,254.11 CO_2e $MTYCO_2e$.

Table III-7
Existing Project Site Greenhouse Gas Emissions

Emissions Source	CO_2e Emissions (Metric Tons per Year)
Area	<0.01
Energy	861.93
Mobile	1,082.42
Waste	73.76
Water	236.00
Total	**2,254.11**

Calculation data and results provided in Greenhouse Gas Emissions Calculations Worksheets in the case file.
Source: Parker Environmental Consultants, 2016.

Proposed Project GHG Emissions

The GHG emissions resulting from operation of the Proposed Project, which involves the usage of on-road mobile vehicles, electricity, natural gas, water, landscape equipment and generation of solid waste and wastewater, were calculated under two separate scenarios in order to illustrate the effectiveness of the Project's compliance with AB 32, the *L.A. Green Building Code, SCAG's 2016-2040 RTP/SCS, SB 375,* and other mitigating features that would be effective in reducing GHG emissions, such as the Project Site being an infill lot, its proximity to transit. For purposes of demonstrating the Proposed Project's consistency with AB32 and the State's goals for reducing GHG emissions to 1990 levels by 2020, the Proposed Project's greenhouse gas emissions were quantified to reflect the Project's design features such as being an infill development with applicable trip credits for increased density, walkability, transit

accessibility, proposing Energy Star-rated appliances, and as otherwise being built in compliance with all applicable Green Building Code requirements and applicable regulatory measures (i.e., compliance with Rule 403 (dust suppression), low VOC coatings, increasing energy conservation beyond Title 24, implementing on-site solid waste recycling program).

As shown in Table III-8, below, the Proposed Project's annual generation of GHG emissions is estimated to be 5,101.48 CO_2e MTY, representing an approximate 2,847.37 CO_2e MTY increase as compared to the existing emissions generated on-site under current conditions. Because the Proposed Project would be replacing existing uses, the annual net increase in GHG emissions is estimated to be 2,847.37 CO_2e MTY.

For comparative purposes, the GHG emissions from a similar project of the same size and proposed land uses, but without the GHG-reducing design features described above for the Proposed Project was quantified. This comparative analysis demonstrates the effect the Proposed Project's compliance with SB 375's siting criteria on an infill lot in a High Priority Transit Area, the Project's re-use of existing buildings, and the structural and operational design features such as installing energy efficient lighting, low flow plumbing fixtures, Energy Star-rated appliances, and implementing a construction and operational recycling program during the life of the Proposed Project would have with respect to reducing GHG emissions. As shown in Table III-8, the Proposed Project's consistency with applicable plans, policies and code requirements imposed through the City of Los Angeles Green Building Ordinance for purposes of conserving resources and reducing GHG emissions, yields an approximate 61 percent reduction as compared to a base project without such design features and compliance measures.

Table III-8
Proposed Project Operational Greenhouse Gas Emissions

Emissions Source	Estimated Project Generated CO_2e Emissions (Metric Tons per Year)		
	Base Project Without GHG Reduction Features	Proposed Project	Percent Reduction
Area	6.43	6.43	0%
Energy	2,179.03	1,905.56	13%
Mobile (Motor Vehicles)	4,469.16	2,750.29	38%
Waste	105.37	52.68	50%
Water	379.34	303.47	20%
Construction Emissions [a]	83.05	83.05	--
Project Total	**7,222.38**	**5,101.48**	**29%**
Less Existing Project Site	-- [b]	*-2,254.11*	--
Project NET TOTAL	**7,222.38**	**2,847.37**	**61%**

[a] *The total construction GHG emissions were amortized over 30 years and added to the operation of the Project.*
[b] *The existing uses were not deducted from the Project Without GHG Reduction Measures to demonstrate the benefit of developing on an infill lot with an active commercial land use. The Project will displace an estimated 440 existing vehicle trips daily (see Traffic Study Table 5) by displacing the existing warehouse land uses. If an alternative project site were selected, it is reasonable to assume the existing warehouse uses would continue to generate GHG emissions in addition to the Project's emissions.*
Calculation data and results provided in Greenhouse Gas Emissions Calculations Worksheets, included in the case file.

Through required implementation of the L.A. Green Building Code, the Project's mixed-use design, and the Project Site's location on an infill site, the Proposed Project would be consistent with local and statewide goals and policies aimed at reducing the generation of GHGs, including CARB's AB 32 Scoping Plan aimed at achieving 1990 GHG emission levels by 2020. The following describes the benefits and applicability of the Proposed Project's compliance measures and design features that serve to reduce the carbon footprint of the development:

1. **Infill Development.** The Proposed Project is located on an infill site that is currently developed with light industrial land uses and that is located within a transit priority area. The Project Site is also located in an area that is adequately served by existing infrastructure and would not require the extension of utilities or roads to accommodate the proposed development.

2. **Transit Priority Area.** The Proposed Project is also located in a Transit Priority Area as defined by CEQA Sections 21099 and 21064.3. Studies by the California Department of Transportation, the U.S. Environmental Protection Agency and the Metropolitan Transportation Commission have found that focusing development in areas served by transit can result in local, regional and statewide benefits including reduced air pollution and energy consumption. The Proposed Project's mixed-use nature and close proximity to regional transit would result in fewer trips and a reduction to the Proposed Project's vehicle miles traveled (VMTs) as compared to the base trip rates for similar uses that are not located in close proximity to transit.

3. **Energy Conservation**. As mandated by the L.A. Green Building Code, the Proposed Project would be required to exceed Title 24 standards and include ENERGY STAR appliances.

4. **Solid Waste Reduction Efforts**. The Proposed Project would be subject to construction waste reduction of at least 50 percent. In addition, operation of the Project is subject to AB 939 requirements to divert 50 percent of solid waste to landfills through source reduction, recycling, and composting. As required by the California Solid Waste Reuse and Recycling Access Act of 1991, the Proposed Project would provide adequate storage areas for collection and storage of recyclable waste materials.

5. **Water Conservation**. The Project would be required to provide a schedule of plumbing fixtures and fixture fittings that reduce potable water use within the development by at least 20 percent. It must also provide irrigation design and controllers that are weather- or soil moisture-based and automatically adjust in response to weather conditions and plants' needs. Therefore, the Project's generation of GHG emissions would not make a project-specific or cumulatively considerable contribution to GHG emissions, and impacts would be less than significant.

Consistency with AB 32

The California Air Resources Board's (CARB's) AB 32 Scoping Plan (2008) and First Update (2014) identify the state programs necessary to meet the 2020 target. The Scoping Plan is a plan for reducing greenhouse gas emissions statewide, but does not itself establish the regulations by which it is to be implemented; rather, it sets out how existing regulations, and new ones yet to be adopted at the time of the Scoping Plan, will be used to reach AB 32's emission reduction goal. Neither AB 32 nor the Scoping Plan establishes regulations for specific development projects evaluated under CEQA. Thus, for purposes

of this analysis, the extent to which the Proposed Project complies with AB 32 is based on the following qualitative discussion on consistency with the Scoping Plan measures that are generally relevant to land use development. As discussed below, the Proposed Project would be substantially consistent with the measures associated with maximizing energy efficiency, employing green building strategies, recycling waste, and conserving water.

Consistency with Applicable AB 32 Scoping Plan Measures

Energy Efficiency. Maximize energy efficiency building and appliance standards and pursue additional efficiency efforts including new technologies, and new policy and mechanisms. Pursue comparable investment in energy efficiency from all retail providers of electricity in California.	**Consistent**. The Proposed Project would be designed and constructed to meet LA Green Building Code standards by including several measures designed to reduce energy consumption.
Renewables Portfolio Standard. Achieve 33 percent renewable energy mix statewide.	**Consistent**. The Proposed Project would use energy from the Los Angeles Department of Water and Power (LADWP), which has goals to diversify its portfolio of energy sources to increase the use of renewable energy.
Green Building Strategy. Expand the use of green building practices to reduce the carbon footprint of California's new and existing inventory of buildings.	**Consistent**. The Proposed Project would be designed and constructed to meet Cal Green building standards and will include several measures designed to reduce energy consumption.
Recycling and Waste. Reduce methane emissions at landfills. Increase waste diversion, composting and other beneficial uses of organic materials and mandate commercial recycling. Move toward zero waste.	**Consistent**. The Proposed Project would result in a less than significant impact on landfill capacity. (see response to Checklist Question 17(f), below)
Water. Continue efficiency programs and use cleaner energy sources to move and treat water.	**Consistent**. The Proposed Project would use water-efficient landscaping including point-to-point irrigation and a smart controller drip system to reduce water use.
Measures not listed are not applicable to this Proposed Project. *Source: Parker Environmental Consultants, 2016.*	

Consistency with SB 375

As discussed above, SB 375 requires integration of planning processes for transportation, land-use and housing. Under the bill, each Metropolitan Planning Organization would be required to adopt a Sustainable Community Strategy to encourage compact development that reduces passenger vehicle miles traveled and trips so that the region will meet the target provided in the Scoping Plan, created by CARB, for reducing GHG emissions. SB 375 requires SCAG to direct the development of the RTP/SCS for the region. A discussion of the Project's consistency with the 2016-2040 RTP/SCS is provided further below.

Consistency with the 2016-2040 RTP/SCS

The Proposed Project would be consistent with the following key GHG reduction strategies in SCAG's 2016-2040 RTP/SCS which are based on changing the region's land use and travel patterns:

- Compact growth in areas accessible to transit;
- More multi-family housing;
- Jobs and housing closer to transit;
- New housing and job growth focused in High Quality Transit Areas (HQTA); and
- Biking and walking infrastructure to improve active transportation options, transit access.

The Proposed Project represents an infill development within an existing urbanized area that would concentrate new residential and neighborhood serving commercial uses within a High Priority Transit Area. In addition, the Proposed Project would also provide bicycle storage areas for Project residents and guests. The Proposed Project would provide residents and visitors with convenient access to public transit and opportunities for walking and biking, which would facilitate a reduction in vehicle miles traveled and related vehicular GHG emissions. These and other measures would further promote a reduction in vehicle miles traveled and subsequent reduction in GHG emissions, which would be consistent with the goals of SCAG's 2016–2040 RTP/SCS.

Consistency with L.A. Green Building Code

The Los Angeles Green Building Ordinance requires that all projects filed on or after January 1, 2014, must comply with the L.A. Green Building Code. Mandatory measures under the L.A. Green Building Code that would help reduce GHG emissions include short- and long-term bicycle parking measures; designated parking measure; and electric vehicle supply wiring. The Proposed Project would comply with these mandatory measures as the Proposed Project would provide 46 short-term bicycle parking spaces and 383 long-term bicycle parking spaces; and would include a minimum number of equal to five percent of the total number of parking spaces with Electric Vehicle (EV) Charging Stations, pursuant to the L.A. Green Building Code. Furthermore, the L.A. Green Building Code includes energy and conservation measures that would further increase energy efficiency of the Project, such as, but not limited to, installing Energy Star rated appliances, installation of a submeter, and installation of water-conserving fixtures. Therefore, the Project would be consistent with the L.A. Green Building Code.

As demonstrated above, the Proposed Project's design features and compliance with regulatory measures would be consistent with local and statewide goals and policies aimed at reducing the generation of GHGs, including CARB's AB 32 Scoping Plan aimed at achieving 1990 GHG emission levels by 2020. The Proposed Project would adhere to the following regulatory compliance measures that would further reduce its GHG emissions. Therefore, the Project's generation of GHG emissions would not make a project-specific or cumulatively considerable contribution to conflicting with an applicable plan, policy or regulation for the purposes of reducing the emissions of greenhouse gases and, the Proposed Project's impact would be less than significant.

Regulatory Compliance Measures:

- The Proposed Project shall comply with the low- and non-VOC requirements established by the AQMD for architectural coatings (AQMD Rule 1113).

- To encourage carpooling and the use of electric vehicles by Project residents and visitors, pursuant to LAMC Section 99.04.106.4.1, at least five (5)% of the total code-required parking spaces provided for all types of parking facilities, but in no case less than one location, shall be capable of supporting future electric vehicle supply equipment (EVSE). Plans shall indicate the proposed type and location(s) of EVSE and also include raceway method(s), wiring schematics and electrical calculations to verify that the electrical system has sufficient capacity to simultaneously charge all electric vehicles at all designated EV charging locations at their full

rated amperage. Plan design shall be based upon Level 2 or greater EVSE at its maximum operating ampacity. Only raceways and related components are required to be installed at the time of construction. When the application of the 5% results in a fractional space, round up to the next whole number. A label stating "EVCAPABLE" shall be posted in a conspicuous place at the service panel or subpanel and next to the raceway termination point.

b) Would the project conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?

Less Than Significant Impact. As described above and in Question VII(a), the Proposed Project would be consistent with local and statewide goals and policies aimed at reducing the generation of GHGs, including CARB's AB 32 Scoping Plan aimed at achieving 1990 GHG emission levels by 2020. Therefore, the Proposed Project's generation of GHG emissions in excess of existing baseline would not make a project-specific or cumulatively considerable contribution to conflicting with an applicable plan, policy or regulation for the purposes of reducing the emissions of greenhouse gases and, the Proposed Project's impact would be less than significant.

Cumulative Impacts

The GHG emissions from a mixed-use development with residential, office, and commercial uses is relatively very small in comparison to state or global GHG emissions and, consequently, they would, in isolation, have no significant direct impact on climate change. Rather, it is the increased accumulation of GHG from more than one project and many sources in the atmosphere that may result in global climate change, which can cause the adverse environmental effects previously discussed. Accordingly, the threshold of significance for GHG emissions determines whether a project's contribution to global climate change is "cumulatively considerable." Many regulatory agencies, including the SCAQMD, concur that GHG and climate change should be evaluated as a potentially significant cumulative impact, rather than a project direct impact. Accordingly, the GHG analysis presented above analyzes whether the Proposed Project's impact would be cumulatively considerable using a plan-based approach (and quantitative and qualitative analysis) to determine the Proposed Project's contributing effect on global warming. As concluded above, the Proposed Project's generation of GHG emissions would represent a 61% reduction in GHG emissions with GHG reduction measures in place as compared to the Proposed Project's emissions in the absence of all of the GHG reducing measures and project design features. Furthermore, the Proposed Project would be consistent with all applicable local ordinances, regulations and policies that have been adopted in furtherance of the state and City's goals of reducing GHG emissions. Thus, the Proposed Project would not make a cumulatively considerable contribution to GHG emissions and impacts would be less than significant.

VIII. HAZARDS AND HAZARDOUS MATERIALS

The following section summarizes and incorporates the reference information from the following report, Phase I Environmental Site Assessment Update Report, Multi-Tenant Commercial Property 135, 141, & 153 West Avenue 34 and 3401 & 3433 Pasadena Avenue, Los Angeles California 90031, prepared by Orswell & Kasman, Inc. ("OKI"), dated April 28, 2015 ("Phase I ESA").

a) Would the project create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?

Less Than Significant Impact. Based upon the criteria established in the *L.A. CEQA Thresholds Guide*, a significant impact may occur if a project would involve the use or disposal of hazardous materials as part of its routine operations, or would have the potential to generate toxic or otherwise hazardous emissions that could adversely affect sensitive receptors. The Proposed Project includes the construction of a mixed-use project with up to 372 residential units, 30,000 square feet of creative office space, and 10,000 square feet of neighborhood-serving retail. During the operation of the Proposed Project, no hazardous materials other than modest amounts of typical cleaning supplies and solvents used for housekeeping and janitorial purposes would routinely be transported to the Project Site. The use of these substances would comply with State Health Codes and Regulations.

Construction could involve the use of potentially hazardous materials, including vehicle fuels, oils, and transmission fluids. However, all potentially hazardous materials would be contained, stored, and used in accordance with manufacturers' instructions and handled in compliance with applicable standards and regulations, which include requirements for disposal of hazardous materials at a facility licensed to accept such waste based on its waste classification and the waste acceptance criteria of the permitted disposal facilities. Therefore, the Proposed Project would not create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials and impacts would be less than significant.

b) Would the project create significant hazard to the public or the environment through reasonably foreseeable upset and accidental conditions involving the release of hazardous materials into the environment?

Potentially Significant Impact Unless Mitigation Incorporated. A significant impact may occur if a project utilizes quantities of hazardous materials as part of its routine operations and could potentially pose a hazard to nearby sensitive receptors under accident or upset conditions.

A review of the Sanborn Fire Insurance Map collections show that the Project Site was occupied by six residences, a barn, and three sheds in 1906. In 1920, the Project Site was occupied by 21 residences, nine sheds, seven garages, a bakery, oil houses, grease houses, a tool house, an office, and an auto repair canopy. By 1951, the Project Site was occupied by 22 residences, eight garages, a bakery, and 10 commercial buildings used for office, warehousing, storage, and workshops. The Project Site has experienced many construction and demolitions of numerous buildings that were used for a variety of land uses, including residential, office, commercial, and industrial. A complete historical record of the building activities and owners of the buildings on the Project Site are listed in the Phase I ESA. The Project Site is currently occupied by light manufacturing facilities.

Site Reconnaissance / Database Search

On April 17, 2015, an ASTM Environmental Professional conducted a site inspection of the Project Site. The purpose of the Phase I ESA was to identify business risks related to the Project Site associated with environmental conditions. No signs were observed on the ground-mounted or pole-mounted electrical

transformers on-site indicating the presence of polychlorinated biphenyls (PCBs). No signs of illegal dumping or distressed vegetation were observed on the Project Site. There was no evidence of underground storage tanks (USTs), septic tanks or wells on the Project Site, and there was no indication of obvious contamination on the Project Site.

Database research determined two adjacent properties, Metro Rail Pasadena Blue Line (between Avenue 33 and French Avenue) and the former Welch's Uniform Rental Facility site (3505 Pasadena Avenue), are recorded as hazardous waste sites. The soils underneath these properties are contaminated with lead, polychlorinated biphenyls (PCBs), tetrachloroethane (PCE), and trichloroethylene (TCE). However, there is no indication from a review of regulatory records and a Project Site inspection that the Project Site has had any problems concerning the storage, usage or disposal of hazardous materials in relation to these properties. No areas of significant environmental concern were observed during the Project Site reconnaissance. The Phase I ESA revealed no evidence of Recognized Environmental Conditions (RECs), Historical RECs (HRECs), or Controlled RECs (CRECs) in connection with the property. Pursuant to [Q] Condition A.1(e), the Applicant would be required to satisfy any requirements from the State Department of Toxic Substances Control (DTSC) in relation to potential contamination on the Project Site. Prior to the issuance of any clearances by the Department of City Planning (DCP), property owners are required to provide to DCP a letter from DTSC that establishes DTSC's satisfaction that the Project Site currently meets DTSC requirements for the proposed use or, alternatively, that establishes DTSC's satisfaction with the property owner's contamination testing plan for the proposed use. Thus, with compliance with this measure hazards associated with potential risk of upset would be less than significant.

Asbestos-Containing Materials (ACMs)

Commercial use of asbestos containing materials (ACM) as a building material was banned by the federal government in 1989. Since the on-site buildings were built prior to 1989, asbestos-containing materials may be present. No asbestos testing was conducted by OKI. Exposure to ACMs during demolition activities would be harmful to construction workers. As required under Environmental [Q] Condition C.12, a complete asbestos survey would be conducted prior to the demolition activities to identify all sources of asbestos, as required by the U.S. EPA National Emission Standard for Hazardous Air Pollutants (NESHAP) regulation and the South Coast Air Quality Management District's (SCAQMD's) Rule 1403. Bulk samples of all materials that are suspected of containing asbestos would be collected and analyzed for asbestos content. Asbestos removal is stringently controlled by Federal Regulations and SCAQMD Rule 1403. Removal of asbestos in a building is not unusual and can be readily accomplished. In accordance with the EPA's NESHAP regulation and SCAQMD's Rule 1403, all materials that are identified as ACMs would be removed by a trained and licensed asbestos abatement contractor. The asbestos removal operations would be conducted in accordance with CAL-OSHA Asbestos for the Construction Industry Standard, SCAQMD and EPA rules and regulations and industry standards. The contractor selected for the removal process would be chosen based on experience, reputation, and relationship with local agencies such as SCAQMD and OSHA regional offices. Generally, asbestos removal operations are low risk. When following asbestos-related regulations, the possibility of exposure to airborne asbestos fibers from asbestos removal projects is limited. The SCAQMD has very specific regulations for asbestos emissions. Provided the identification, removal and disposal of ACMs from the Project Site is conducted in compliance with Environmental [Q] Condition C.12 and such activities

follow the various guidelines required by SCAQMD Rule 1403, as well as all other applicable state and federal rules and regulations, hazardous materials impacts relative to exposure to asbestos would be less than significant.

Lead-Based Paint (LBPs)

The federal government also banned the use of lead in household paints in 1978. Based on the age of the on-site buildings, there is a potential for lead-based paint at the Project Site. Exposure of workers to lead-based paint during demolition of the existing structures would be a hazardous to the health of the construction workers. A qualified lead-paint abatement consultant would be required to comply with applicable state and federal rules and regulations governing lead paint abatement. Compliance with mandatory state and federal regulations would ensure that the potential lead-based paint on-site would be handled properly and impacts associated with the exposure to lead-based paint would be less than significant. Further, the Proposed Project would implement Mitigation Measure MM-HAZ-1 (below) that would require a lead-based paint survey prior to the issuance of a demolition permit. Incorporation of Mitigation Measure MM-HAZ-1 would further ensure that impacts relating to lead-based paint would be less than significant.

With the Proposed Project's compliance with [Q] Condition A.1(e), mandatory state and federal regulatory compliance measures, and Mitigation Measure MM-HAZ-1 (below) potential impacts associated with the release of a hazardous material would be less than significant.

Mitigation Measure:

MM-HAZ-1 (Existing Toxic/Hazardous Construction Materials):

- (Lead Paint) Prior to the issuance of any permit for demolition or alteration of the existing structure(s), a lead-based paint survey shall be performed to the written satisfaction of the Department of Building and Safety. Should lead-based paint materials be identified, standard handling and disposal practices shall be implemented pursuant to OSHA regulations.

c) Would the project emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?

Potentially Significant Unless Mitigation Incorporated. Based upon the criteria established in the *L.A. CEQA Thresholds Guide*, a project would normally have a significant impact to hazards and hazardous materials if: (a) the project involved a risk of accidental explosion or release of hazardous substances (including, but not limited to oil, pesticides, chemicals or radiation); or (b) the project involved the creation of any health hazard or potential health hazard. The determination of significance shall be made on a case-by-case basis considering the following factors: (a) the regulatory framework for the health hazard; (b) the probable frequency and severity of consequences to people or property as a result of a potential accidental release or explosion of a hazardous substance; (c) the degree to which project design will reduce the frequency or severity of a potential accidental release or explosion of a hazardous substance; (d) the probable frequency and severity of consequences to people from exposure to the health

hazard; and (e) the degree to which project design would reduce the frequency of exposure or severity of consequences of exposure to the health hazard.

There are three Los Angeles Unified School District (LAUSD) schools that are approximately within one-quarter mile from the Project Site:

- Hillside Elementary School, located at 120 E. Avenue 35 (over 100 feet east of the Project Site);
- Loreta Street Elementary School, located at 3408 Arroyo Seco Avenue (over 400 feet northwest of the Project Site); and
- Los Angeles Leadership Academy Charter School, located at 234 E. Avenue 33 (over 900 feet east of the Project Site).

The Proposed Project has the potential to expose students and staff of the identified schools to potentially hazardous materials, substances, or waste during the construction period. Localized construction impacts associated with noise, dust and localized air quality emissions, and construction traffic/hauling activities generally occur within an area of 500 feet or less of the Project Site. The school that would most likely experience the highest construction impacts is Hillside Elementary School. The Proposed Project would provide appropriate construction measures to reduce the Project's impacts upon the nearby school facility. Further, the Project's proposed haul route would be designed to minimize, to the greatest degree possible, hauling impacts on Hillside Elementary School. The proposed haul route traveling to and from the I-5 Freeway would utilize Avenue 34, Pasadena Avenue, Avenue 33, Lacy Street, and Avenue 26. Hauling activity utilizing Pasadena Avenue will pass the rear side of Hillside Elementary School, which is improved with landscaping, trees and the façade of school structures. The active playground areas for Hillside Elementary are located towards the east of the campus fronting on Griffin Avenue and Avenue 35, which would not be utilized by hauling trucks. Implementation of Mitigation Measures MM-HAZ-2 and MM-HAZ-3, below, would reduce any construction impacts related to nearby schools to less than significant levels.

Mitigation Measures:

MM-HAZ-2 Construction Activity Near Schools

- The Applicant and contractors shall maintain ongoing contact with the administrators of Hillside Elementary School, Loreta Street Elementary School, and Los Angeles Leadership Academy Charter School. The administrative offices shall be contacted when demolition, grading and construction activity begin on the project site so that students and their parents will know when such activities are to occur. The developer shall obtain school walk and bus routes to the schools from either the administrators or from the LAUSD's Transportation Branch (323)342-1400 and guarantee that safe and convenient pedestrian and bus routes to the school be maintained.
- The Applicant shall install appropriate traffic signs around the site to ensure pedestrian and vehicle safety.
- There shall be no staging or parking of construction vehicles, including vehicles to transport workers on Pasadena Avenue, adjacent to the school.

- Due to noise impacts on the schools, no construction vehicles or haul trucks shall be staged or idled on Pasadena Avenue, adjacent to the school, during school hours.

MM-HAZ-3 Schools Affected by Haul Route

- Haul route scheduling shall be sequenced to minimize conflicts with pedestrians, school buses and cars at the arrival and dismissal times of the school day. Haul route trucks shall not be routed past the school during periods when school is in session especially when students are arriving or departing from the campus.

Furthermore, no hazardous materials other than modest amounts of typical cleaning supplies and solvents used for housekeeping and janitorial purposes would be typically associated with the operation and activities of the proposed land uses, and the use of these substances would comply with State Health Codes and Regulations. The Proposed Project's operational impacts would have a less than significant impact.

d) Would the project be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?

Less Than Significant Impact. California Government Code Section 65962.5 requires various state agencies to compile lists of hazardous waste disposal facilities, unauthorized releases from underground storage tanks, contaminated drinking water wells, and solid waste facilities from which there is known migration of hazardous waste, and submit such information to the Secretary for Environmental Protection on at least an annual basis. A significant impact may occur if the Project Site is included on any of the above lists and poses an environmental hazard to surrounding sensitive uses.

Environmental records were reviewed to determine if there are any on- or off-site sources of documented environmental concerns. The Project Site was listed on the Resource Conservation and Recovery Act – Hazardous Waste Generator with no reported violations. The following are database records of hazardous sites within a ½-mile of the Project Site: three Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) sites, a RCRA – large quantity hazardous waste generator site (Former Welch's Uniform Site), a RCRA - small quantity waste generator site (Hillside Elementary School), five CAL-EPA sites, and three active non-LUST RWQCB Cleanup sites. However, OKI has determined that it is unlikely that any contaminants from these sites would have a significant impact on the Project Site.

Based on the absence of any outstanding violations or reported releases, as well as the results from a previous on-site assessments, the Project Site poses no significant environmental concerns, and there is no evidence of RECs in connection with the Project Site. With the Proposed Project's compliance with mandatory state and federal regulatory compliance measures, potential impacts associated with the release of a hazardous material would be less than significant.

e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard for people residing or working in the project area?

No Impact. A significant project-related impact may occur if the Proposed Project were placed within a public airport land use plan area, or within two miles of a public airport, and subject to a safety hazard. The Project Site is not located within two miles of a public airport. Furthermore, the Project Site is not in an airport hazard area. Therefore, no impact would occur.

f) For a project within the vicinity of a private airstrip, would the project result in a safety hazard for people residing or working in the project area?

No Impact. This question would apply to the Proposed Project only if it were in the vicinity of a private airstrip and would subject area residents and workers to a safety hazard. The Project Site is not within the vicinity of a private airstrip. Therefore, no impact would occur.

g) Would the project impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?

No Impact. Based upon the criteria established in the *L.A. CEQA Thresholds Guide*, a project would normally have a significant impact to hazards and hazardous materials if: (a) the project involved possible interference with an emergency response plan or emergency evacuation plan. According to the *L.A. CEQA Thresholds Guide*, the determination of significance shall be made on a case-by-case basis considering the degree to which the project may require a new, or interfere with an existing emergency response or evacuation plan, and the severity of the consequences. The Project Site is not located on an identified disaster route or an adopted emergency response or evacuation plan.[15,16] Development of the Project Site may require temporary and/or partial street closures due to construction activities. Nonetheless, while such closures may cause temporary inconvenience, they would not be expected to substantially interfere with emergency response or evacuation plans. The Proposed Project would not cause permanent alterations to vehicular circulation routes and patterns, impede public access, or travel upon public rights-of-way. Therefore, the Proposed Project would not be expected to interfere with any adopted emergency response plan or emergency evacuation plan, and no impact would occur.

h) Would the project expose people or structures to a significant risk of loss, injury or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands?

No Impact. The Project Site is located in a highly urbanized area of the City of Los Angeles and does not include wildlands or high fire hazard terrain or vegetation. The Project Site is not located in a Very High

---

[15] *Los Angeles County Department of Public Works, City of Los Angeles Central Area Disaster Route Map, August 13, 2008.*

[16] *City of Los Angeles, Safety Element Exhibit H, Critical Facilities and Lifeline Systems in the City of Los Angeles, April 1995.*

Fire Hazard Severity Zone (VHFHSZ).[17] Therefore, no impacts from wildland fires are expected to occur.

Cumulative Impacts

Less Than Significant Impact. Development of the Proposed Project in combination with the three related projects has the potential to increase to some degree the risks associated with the use and potential accidental release of hazardous materials in the City of Los Angeles. However, the potential impact associated with the Proposed Project would be less than significant and, therefore, not cumulatively considerable. With respect to the related projects, the potential presence of hazardous substances would require evaluation on a case-by-case basis, in conjunction with the development proposals for each of those properties. Further, local municipalities are required to follow local, state, and federal laws regarding hazardous materials, which would further reduce impacts associated with the related projects. Therefore, with compliance with local, state, and federal laws pertaining to hazardous materials, the Proposed Project in conjunction with related projects would be expected to result in less-than-significant cumulative impacts with respect to hazardous materials.

IX. HYDROLOGY AND WATER QUALITY

a) Would the project violate any water quality standards or waste discharge requirements?

Less Than Significant Impact. Based upon the criteria established in the *L.A. CEQA Thresholds Guide*, a project would normally have a significant impact on surface water quality if discharges associated with the project would create pollution, contamination, or nuisance as defined in Section 13050 of the California Water Code or that cause regulatory standards to be violated, as defined in the applicable National Pollution Discharge Elimination System (NPDES) stormwater permit or Water Quality Control Plan for the receiving body of water. A significant impact may occur if a project would discharge water which does not meet the quality standards of agencies which regulate surface water quality and water discharge into stormwater drainage systems. Significant impacts would also occur if a project does not comply with all applicable regulations with regard to surface water quality as governed by the State Water Resources Control Board (SWRCB) through its nine Regional Boards. The Project Site lies within the Los Angeles Regional Water Quality Control Board (RWQCB). Applicable regulations include compliance with NPDES permitting system, LAMC Article 4.4, and the low impact development requirements, which reduces potential water quality impacts during the construction and operation of a project.

Construction

Three general sources of potential short-term, construction-related stormwater pollution associated with the Proposed Project include: (1) the handling, storage, and disposal of construction materials containing pollutants; (2) the maintenance and operation of construction equipment; and (3) earth moving activities which, when not controlled, may generate soil erosion via storm runoff or mechanical equipment.

---

[17] *City of Los Angeles, Department of City Planning, City of Los Angeles Zoning Information and Map Access System (ZIMAS), website: www.zimas.lacity.org, accessed February 2016.*

Prior to issuance of a grading permit, the Applicant shall obtain coverage under the State Water Resources Control Board NPDES Construction General Permit. The Applicant shall provide the Waste Discharge Identification Number to the City of Los Angeles to demonstrate proof of coverage under the Construction General Permit. A Storm Water Pollution Prevention Plan (SWPPP) would be prepared and implemented for the Proposed Project in compliance with the requirements of the Construction General Permit. The SWPPP shall identify construction Best Management Practices (BMPs) to be implemented to ensure that the potential for soil erosion and sedimentation is minimized and to control the discharge of pollutants in stormwater runoff as a result of construction activities.

The SWPPP would incorporate the required implementation of Best Management Practices (BMPs) for erosion control and other measures to meet the NPDES requirements for stormwater quality. Implementation of the BMPs identified in the SWPPP and compliance with the NPDES and City discharge requirements would ensure that the construction of the Proposed Project would not violate any water quality standards or discharge requirements, or otherwise substantially degrade water quality. Additionally, City of Los Angeles Ordinance No. 173,494 further sets procedures for stormwater pollution control for the planning and construction of development and redevelopment projects. As such, the implementation of the code-required SWPPP and compliance with Ordinance No. 173,494 would ensure that the Proposed Project's construction-related water quality impacts would be less than significant.

Operation

The Project Site is currently developed with four light manufacturing and warehouse buildings and paved loading areas and surface parking. Aside from small landscaped areas, the Project Site is completely covered with impervious surfaces. Thus, nearly 100 percent of the surface water runoff from the Project Site is directed to adjacent storm drains and does not percolate into the groundwater table beneath the Project Site. Forma Engineering Inc. prepared a Drainage Report for the Project Site, dated February 2, 2016. As discussed in the Drainage Report, the Project Site currently drains from north to south, and rainfall is conveyed via surface flow to multiple drainage paths before being discharged to various points on Avenue 34. In the Project Site's current layout, nearly 100 percent of rainfall runoff from the Project Site is conveyed to Avenue 34.

The Proposed Project would maintain the Project Site at nearly 100 percent impervious area and would continue to generate surface water runoff. The Proposed Project would not be expected to increase surface water runoff compared to existing conditions, because the Proposed Project would be required to comply with low impact development (LID) requirements, further discussed below.

In November 2012, the Los Angeles adopted Order No. R4-2012-0175 the NPDES Stormwater Permit for the County of Los Angeles and cities within (NPDES No. CASOO4001). The primary objectives of the stormwater program requirements are to: (1) effectively prohibit non-stormwater discharge and (2) reduce the discharge of pollutants from stormwater conveyance systems to the maximum extent practicable statutory standard.

The Proposed Project would be required to comply with the City of Los Angeles Stormwater and Urban Runoff Pollution Control Ordinance (Ordinance No. 172,176, effectuated October 1998), which established LAMC Sections 64.70 through 64.70.13 and set the foundation for stormwater management in the City of Los Angeles. Since the adoption of the Stormwater and Urban Runoff Pollution Control Ordinance, many additional ordinances have passed to keep LAMC Article 4.4, Stormwater and Urban Runoff Pollution Control, up to date. Approved in October 2011, the LID Ordinance (Ordinance No. 181,899) expanded LAMC Article 4.4 and expanded the applicability of the existing Standard Urban Stormwater Mitigation Plan (SUSMP) requirements by imposing rainwater low impact development strategies on projects that require building permits. LAMC Article 4.4, including LID requirements, was recently amended in August 2015 with the approval of Ordinance No. 183,833, which incorporates the requirements of the Municipal Separate Storm Sewer (MS4) Permit. The Proposed Project would be required to prepare a LID Plan and demonstrate compliance with the LID requirements and standards and retain or treat the first ¾-inch of rainfall in a 24-hour period or the rainfall from an 85th percentile 24-hour runoff event, whichever is greater.[18]

The Proposed Project falls within the second tier of the LID requirements, which state that development projects that involve five or more units intended for residential use and result in an alteration of at least 50 percent or more of the impervious surfaces on an existing developed site, the entire site must comply with the standards and requirements of Article 4.4 of Chapter VI of the LAMC and with the Development Best Management Practices Handbook. The Project Site shall be designed to manage and capture stormwater runoff to the maximum extent practicable utilizing various LID techniques, including but not limited to infiltration, evapotranspiration, capture for use, and treated through high removal efficiency bio-filtration / bio-treatment systems of all runoff on-site (listed in priority order). On-site stormwater management techniques must be designed so that no stormwater runoff leaving the Project Site for at least the volume of water produced by the Stormwater Quality Design Volume (SWQDv). Development and redevelopment projects are required to prepare a LID Plan, which comply with the provisions of the Development Best Management Practices Handbook. If partial or complete on-site compliance of any type is technically infeasible, the Project Site and LID Plan shall be required to manage the flow from the SWQDv on-site in order to maximize on-site compliance. For the remaining runoff that cannot feasibly be managed on-site, the Proposed Project would be required to implement off-site mitigation on public and/or private land within the same sub-watershed as defined by the MS4 Permit.[19] Compliance with the LID requirements would reduce the amount of surface water runoff leaving the Project Site as compared to existing conditions.[20]

In compliance with the LID Plan, prior to issuance of grading permits, the Applicant shall submit a LID Plan and design plans to the City of Los Angeles Department of Building and Safety and the Bureau of Sanitation Watershed Protection Division for review and approval. The Low Impact Development Plan shall be prepared consistent with the requirements of the Development Best Management Practices

---

[18] *City of Los Angeles, Planning and Land Development Handbook for Low Impact Development (LID), Part B Planning Activities, 5th Edition, May 9, 2016.*

[19] *City of Los Angeles Ordinance No. 183,833, 2015.*

[20] *Ibid.*

Handbook. The BMPs shall be designed to retain or treat the runoff from a storm event producing ¾-inch of rainfall in a 24-hour period or the rainfall from an 85th percentile 24-hour runoff event (whichever is greater), in accordance with the Planning and Land Development Handbook for Low Impact Development, Part B Planning Activities. A signed certificate from a licensed civil engineer or licensed architect confirming that the proposed BMPs meet the numerical threshold standard shall be provided.

To ensure that all stormwater related BMPs are constructed and / or installed in accordance with the approved LID Plan, the City of Los Angeles requires a Stormwater Observation Report to be submitted to the City prior to the issuance of the Certificate of Occupancy. All projects reviewed and approved would require a Stormwater Observation Report and would be prepared, signed, and stamped by the engineer of record responsible for the approved LID Plan. With approval and issuance of a Certificate of Occupancy from LADBS, the Proposed Project would be determined to be in compliance with all applicable codes, ordinances, and other laws.[21]

Additionally, full compliance with the site-specific Environmental [Q] Conditions C.13 through C.17, listed below, would ensure that the operation of the Proposed Project would not violate any water quality standards or discharge requirements or otherwise substantially degrade water quality.

Environmental [Q] Conditions 13 - 17.

13. All Runoff (All Subareas)

a. Project applicants are required to implement stormwater BMPs to retain or treat the runoff from a storm event producing 3/4 inch of rainfall in a 24 hour period. The design of structural BMPs shall be in accordance with the Development Best Management Practices Handbook Part B Planning Activities. A signed certificate from a California licensed civil engineer or licensed architect that the proposed BMPs meet this numerical threshold standard is required.

b. Post development peak stormwater runoff discharge rates shall not exceed the estimated pre-development rate for developments where the increase peak stormwater discharge rate will result in increased potential for downstream erosion.

c. Maximize trees and other vegetation at each site by planting additional vegetation, clustering tree areas, and promoting the use of native and/or drought tolerant plants.

d. Any connection to the sanitary sewer must have authorization from the Bureau of Sanitation.

e. Reduce impervious surface area by using permeable pavement materials where appropriate, including: pervious concrete/asphalt; unit pavers, i.e. turf block; and granular materials, i.e. crushed aggregates, cobbles.

f. Paint messages that prohibits the dumping of improper materials into the storm drain system

[21] *City of Los Angeles, Planning and Land Development Handbook for Low Impact Development (LID), Part B Planning Activities, 5th Edition, May 9, 2016.*

adjacent to storm drain inlets (such as NO DUMPINGDRAINS TO OCEAN) and/or graphical icons. Prefabricated stencils can be obtained from the Department of Public Works, Stormwater Management Division.

g. Legibility of stencils and signs must be maintained.

h. Promote natural vegetation by using parking islands and other landscaped areas.

i. Materials with the potential to contaminate stormwater must be: (1) placed in an enclosure such as, but not limited to, a cabinet, shed, or similar stormwater conveyance system; or (2) protected by secondary containment structures such as berms, dikes, or curbs.

j. The storage area must be paved and sufficiently impervious to contain leaks and spills.

k. The storage area must have a roof or awning to minimize collection of stormwater within the secondary containment area.

I. The owner(s) of the property will prepare and execute a covenant and agreement (Planning Department General form CP-6770) satisfactory to the Planning Department binding the owners to post construction maintenance on the structural BMPs in accordance with the Standard Urban Stormwater Mitigation Plan and/or per manufacturer's instructions.

14. Stormwater Runoff 10+ Home Subdivision/Multi Family

a. Install Roof runoff systems where site is suitable for installation.

b. Surface parking lots constitute a significant portion of the impervious land coverage. To reduce the quantity of runoff, surface parking lots can be designed one of two ways;

(i) Hybrid Lot - parking stalls utilize permeable materials, such as crushed aggregate, aisles are constructed of conventional materials such as asphalt.

(ii) Parking Grove - is a variation on the permeable stall design, a grid of trees and bollards are added to delineate parking stalls. This design presents an attractive open space when cars are absent, and shade when cars are present.

c. Design an efficient irrigation system to m1mm1ze runoff including: drip irrigation for shrubs to limit excessive spray; shutoff devices to prevent irrigation after significant precipitation; and flow reducers.

15. Stormwater Runoff Commercial and Industrial Development (Lot Size 100,000 sf)

a. Cover loading dock areas or design drainage to minimize run-on and run-off stormwater.

b. Direct connections to storm drains from depressed loading docks (truck wells) are prohibited.

c. Repair/maintenance bays must be indoors or designed in such a way that doesn't allow stormwater

run-on or contact with stormwater runoff.

d. Design repair/maintenance bay drainage system to capture all washwater, leaks and spills. Connect drains to a standard sump for collection and disposal. Direct connection of the repair/maintenance bays to the storm drain system is prohibited. If required, obtain an Industrial Waste Discharge Permit.

e. Vehicle/equipment wash areas must be self-contained and/or covered, equipped with a clarifier, or other pretreatment facility, and property connected to the sanitary sewer.

f. The following activities are to be conducted under proper cover with drain routed to the sanitary sewer:

(i) Storage of industrial wastes.

(ii) Handling or storage of hazardous wastes.

(iii) Metal fabrication or Pre-cast concrete fabrication.

(iv) Welding, Cutting or Assembly.

(v) Painting, Coating or Finishing.

g. Store above ground liquid storage tanks (drums and dumpsters) in areas with impervious surfaces in order to contain leaks and spills. Install a secondary containment system such as berms, dikes, liners, vaults, and double-wall tanks. Where used oil or dangerous waste is stored, a dead- end sump should be installed in the drain.

h. Toxic wastes must be discarded at a licensed regulated disposal site. Store trash dumpsters either under cover and with drains routed to the sanitary sewer or use non-leaking and water-tight dumpsters with lids. Use drip pans or absorbent materials whenever grease containers are emptied. Wash containers in an area with properly connected sanitary sewer.

i. Reduce and recycle wastes, including: paper; glass; aluminum; oil; and grease.

j. Reduce the use of hazardous materials and wastes by: using detergent based or water-based cleaning systems; and avoid chlorinated compounds, petroleum distillates, phenols, and formaldehyde.

k. Control or reduce or eliminate flow to natural drainage systems to the maximum extent practicable.

I. Cleaning of vehicles and equipment to be performed within designated covered or bermed wash area paved with Portland concrete, sloped for wash water collection, and with a pretreatment facility for wash water before discharging to properly connected sanitary sewer with a CPI type oil/water separator. The separator unit must be: designed to handle the quantity of flows; removed for cleaning on a regular basis (at least twice a year) to remove any solids; and the oil absorbent

pads must be replaced regularly, once in fall just before the wet season, and in accordance with manufacturer's specifications.

16. Stormwater Runoff Food Service Industry (Restaurants, Bakeries, Food Processors)

a. Cleaning of oily vents and equipment to be performed within designated covered area, sloped for wash water collection, and with a pretreatment facility for wash water before discharging to properly connected sanitary sewer with a CPI type oil/water separator. The separator unit must be: designed to handle the quantity of flows; removed for cleaning on a regular basis to remove any solids; and the oil absorbent pads must be replaced regularly according to manufacturer's specifications.

b. Store trash dumpsters either under cover and with drains routed to the sanitary sewer or use non-leaking and water tight dumpsters with lids. Wash containers in an area with properly connected sanitary sewer.

c. Reduce and recycle wastes, including oil and grease.

d. Store liquid storage tanks (drums and dumpsters) in designated paved areas with impervious surfaces in order to contain leaks and spills. Install a secondary containment system such as berms, curbs, or dikes. Use drip pans or absorbent materials whenever grease containers are emptied.

e. Infiltrate runoff before it reaches the storm drain system.

f. Runoff must be treated prior to release into the storm drain. Three types of treatments are available, (1) dynamic flow separator; (2) a filtration or (3) infiltration. Dynamic flow separator uses hydrodynamic force to remove debris, and oil and grease, and are located underground. Filtration involves catch basins with filter inserts. Filter inserts must be inspected every six months and after major storms, cleaned at least twice a year. Infiltration methods are typically constructed on-site and are determined by various factors such as soil types and groundwater table.

17. Stormwater Runoff Surface Parking Lots with 25 or More Spaces or 5,000 Square-feet of Lot Area (Residential, Commercial, Industrial, Public Facility)

a. Trash container areas must have drainage from adjoining roofs and pavement diverted around the area(s).

b. Trash container areas must be screened or walled to prevent off-site transport of trash.

c. Reduce impervious land coverage of parking lot areas.

d. Infiltrate runoff before it reaches the storm drain system.

e. Runoff must be treated prior to release into the storm drain. Three types of treatments are

available, (1) dynamic flow separator; (2) filtration or (3) infiltration. Dynamic flow separator uses hydrodynamic force to remove debris, and oil and grease, and are located underground. Filtration involves catch basins with filter inserts. Filter inserts must be inspected every six months and after major storms, and cleaned at least twice a year. Infiltration methods are typically constructed on-site and are determined by various factors such as soil type and groundwater table.

Implementation of the LID Ordinance would reduce the amount of stormwater leaving the Project Site as runoff compared to existing conditions. Therefore, with the implementation of LID requirements and Environmental [Q] Conditions C.13 through C.17, the Proposed Project's operational water quality impacts would be less than significant.

b) Would the project substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level (e.g., the production rate of pre-existing nearby wells would drop to a level which would not support existing land uses or planned uses for which permits have been granted)?

Less Than Significant Impact. Based upon the criteria established in the *L.A. CEQA Thresholds Guide*, a project would normally have a significant impact on groundwater level if it would change potable water levels sufficiently to: (a) reduce the ability of a water utility to use the groundwater basin for public water supplies, conjunctive use purposes, storage of imported water, summer/winter peaking, or respond to emergencies and drought; (b) reduce yields of adjacent wells or well fields (public or private); (c) adversely change the rate or direction of flow of groundwater; or (d) result in demonstrable and sustained reduction in groundwater recharge capacity.

The Los Angeles County Department of Public Works (LACDPW) has maintained various groundwater monitoring wells in the vicinity of the Project Site over the past 50 years. The closest LACDPW monitoring well to the Project Site is Well ID No. 2772E (State No. 1S13W15R02), located approximately 0.6 mile to the southwest (LACDPW, 2015a). Review of the available monitoring data for this well for the monitoring period between 1958 and 2010 indicate that the depth to groundwater has fluctuated between 25 and 53 feet below the existing ground surface (LACDPW, 2015a). The most recent groundwater level measurement for Well No. 2772E was measured in January, 2010 at a depth of 33 feet below the existing ground surface (LACDPW, 2015a).

As discussed in Section 9(a) the Project Site is nearly 100 percent impervious. As such, nearly 100 percent of the surface water runoff from the Project Site is directed to adjacent storm drains and does not percolate into the groundwater table beneath the Project Site. According to the Geotechnical Investigation, groundwater was encountered at a depth of 40.75 feet below the ground surface. The historically highest groundwater in the Project Site area is 20 feet below the ground surface. A review of available monitoring data for the past 50 years indicate that the depth of groundwater in the Project area fluctuates between 25 and 53 feet below the existing ground surface. The Proposed Project would excavate soils beneath the Project Site to allow for one level of subterranean parking. The subterranean parking structure will extend to a depth of approximately 15 feet below grade and would generally not impact the groundwater table. Based on the historic high groundwater level in the site vicinity, the depth

of groundwater in on-site borings (drilled to a maximum depth of 50 feet beneath the existing ground surface), and the depth of proposed construction, Geocon concluded that groundwater is neither expected to be encountered during construction, nor have a detrimental effect on the Proposed Project. However, the Geotechnical Investigation states that it is not uncommon for groundwater levels to vary seasonally or for groundwater seepage conditions to develop where none previously existed, especially in impermeable fine-grained soils which are heavily irrigated or after seasonal rainfall. In addition, recent requirements for stormwater infiltration could result in shallower seepage conditions in the immediate site vicinity. In the unlikely event groundwater is encountered during the construction process, the Proposed Project would be required to comply with the requirements of the waste discharge requirements for discharges of groundwater from construction (Order No. R4-2008-0032, National Pollution Discharge Elimination System No. CAG994004). Proper surface drainage of irrigation and precipitation will be critical for future performance of the project. Recommendations for drainage are provided in the Surface Drainage section of this report (see Section 7.17 of the Site Geotechnical Investigation). As discussed in Checklist Question VI (a), the Proposed Project would be required to comply with the Geotechnical Investigation and LADBS's geology and soils report approval letter, which provides recommendations for surface drainage. The Proposed Project would further comply with the regulatory compliance measure, below, regarding dewatering.

Regulatory Compliance Measure:

- **(Dewatering):** If required, any dewatering activities during construction shall comply with the requirements of the Waste Discharge Requirements for Discharges of Groundwater from Construction and Project Dewatering to Surface Waters in Coastal Watersheds of Los Angeles and Ventura Counties (Order No. R4-2008-0032, National Pollutant Discharge Elimination System No. CAG994004) or subsequent permit. This will include submission of a Notice of Intent for coverage under the permit to the Los Angeles Regional Water Quality Control Board at least 45 days prior to the start of dewatering and compliance with all applicable provisions in the permit, including water sampling, analysis, and reporting of dewatering-related discharges.

The Proposed Project would continue to be supplied with potable water by the LADWP. Further, the Proposed Project would comply with LAMC Section 64.70, Stormwater Runoff and Urban Pollution Control. With compliance with the regulatory compliance measure relating to dewatering, listed above, the Proposed Project would not cause the depletion of the groundwater supplies or the interference of groundwater recharge. Therefore, a less than significant impact would occur.

c) Would the project substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, in a manner, which would result in substantial erosion or siltation on- or off-site?

Less Than Significant Impact. Based upon the criteria established in the *L.A. CEQA Thresholds Guide*, a project would normally have a significant impact on surface water hydrology if it would result in a permanent, adverse change to the movement of surface water sufficient to produce a substantial change in the current or direction of water flow. As discussed in the Drainage Report, the Project Site is currently nearly 100 impervious and rainfall runoff is conveyed via surface flow (from north to south) to multiple drainage paths on the Project Site before discharging to various points onto Avenue 34. The Project Site

is located in an urbanized area within the City of Los Angeles, and no streams or river courses are located on-site. The Proposed Project would maintain the Project Site's nearly 100 percent imperviousness. However, the Project would comply with the LID Ordinance and retain or treat the first ¾-inch of rainfall in a 24-hour period or the rainfall from an 85th percentile 24-hour runoff event, whichever is greater.. As such, the Project would reduce the amount of runoff leaving the Project Site, as compared to existing conditions. Implementation of the Proposed Project would not increase site runoff or result in any changes in the local drainage patterns. Impacts associated with localized drainage and surface water runoff would therefore be considered less than significant.

d) Would the project substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site?

Less Than Significant Impact. Based upon the criteria established in the *L.A. CEQA Thresholds Guide*, a project would normally have a significant impact on surface water hydrology if it would result in a permanent, adverse change to the movement of surface water sufficient to produce a substantial change in the current or direction of water flow. The Proposed Project would not result in a significant increase in site runoff, or any changes in the local drainage patterns. Therefore, as the Proposed Project would not substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site. In addition, the Proposed Project would comply with the LID Ordinance, and impacts would be less than significant.

e) Would the project create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff?

Less Than Significant Impact. Based upon the criteria established in the *L.A. CEQA Thresholds Guide*, a project would normally have a significant impact on surface water quality if discharges associated with the project would create pollution, contamination, or nuisance as defined in Section 13050 of the California Water Code (CWC) or that cause regulatory standards to be violated, as defined in the applicable National Pollution Discharge Elimination System (NPDES) stormwater permit or Water Quality Control Plan for the receiving water body. A significant impact may occur if the volume of stormwater runoff from the Project Site were to increase to a level which exceeds the capacity of the storm drain system serving the Project Site. A significant adverse effect would also occur if a project substantially increases the probability that polluted runoff would reach the storm drain system.

Currently, the Project Site is completely developed with impervious surfaces and nearly 100 percent of surface water runoff is directed to adjacent street storm drains. As discussed in the Drainage Report, rainfall runoff on the Project Site flows from north to south via surface flow to multiple drainage paths on the Project Site before discharging at various points onto Avenue 34. The Proposed Project would not result in a significant increase in site runoff, or any changes in the local drainage pattern. Runoff from the Project Site would to be collected on the Project Site and directed towards existing storm drains in the Project vicinity that have adequate capacity. Pursuant to local practice and City policy, stormwater retention will be required as part of the Low Impact Development (LID) Ordinance / SUSMP implementation features (despite no increase in imperviousness of the site). Any contaminants gathered

during routine cleaning of construction equipment would be disposed of in compliance with applicable stormwater pollution prevention permits. Further any pollutants from the parking areas would be subject to the requirements and regulations of the NPDES and applicable LID Ordinance standards and retain or treat the first ¾ –inch of rainfall in a 24-hour period or the rainfall from an 85th percentile 24-hour runoff event, whichever is greater, which would reduce the Proposed Project's impact to the stormwater infrastructure. Therefore, the Proposed Project would not create or contribute to runoff water which would exceed capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff. Potential impacts to surface water quality would be less than significant. Further, the Proposed Project would comply with LAMC Section 64.70, Stormwater Runoff and Urban Pollution Control, and all applicable laws and regulations pertaining to stormwater runoff and water quality would ensure impacts are reduced to a less than significant level.

f) Would the project otherwise substantially degrade water quality?

No Impact. A significant impact may occur if a project includes potential sources of water pollutants that would have the potential to substantially degrade water quality. The Proposed Project does not include potential sources of contaminants, which could potentially degrade water quality and would comply with all federal, state and local regulations governing stormwater discharge. Therefore, no impact would occur.

g) Would the project place housing within a 100-year flood hazard area as mapped on a federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map?

No Impact. A significant impact would occur if the Project were to place housing within a 100-year flood hazard area. A 100-year flood is defined as a flood which results from a severe rainstorm with a probability of occurring approximately once every 100 years. According to the Federal Emergency Management Agency (FEMA), the Project Site is not located in an area designated as a 100-year flood hazard area. The Project Site in a zone designated as Zone X, which signifies that the area is outside the 0.2% annual chance floodplain.[24] Therefore, the Proposed Project would not place housing within a 100-year flood hazard area, and no impact would occur.

h) Would the project place within a 100-year flood hazard area structures which would impede or redirect flood flows?

No Impact. A significant impact may occur if the Project was located within a 100-year flood zone, which would impede or redirect flood flows. The Project Site is not in an area designated as a 100-year flood hazard area as mapped by the FEMA's Flood Insurance Rate Map. The Project Site is in a zone designated as Zone X, which signifies that the area is outside the 0.2% annual chance floodplain.[25] The Project Site is located in an urbanized area. As no changes to the local drainage pattern would occur with implementation of the Proposed Project, the Proposed Project would not have the potential to impede or redirect floodwater flows. Therefore, no impact would occur.

---

[24] *Federal Emergency Management Agency (FEMA), Flood Insurance Rate Map, Los Angeles County, California and Incorporated Areas, Map number 06037C1629F, September 26, 2008.*

[25] *Ibid.*

i) Would the project expose people or structures to a significant risk of loss, injury or death involving flooding, including flooding as a result of the failure of a levee or dam?

Less Than Significant Impact. A significant impact may occur if the Proposed Project exposes people or structures to a significant risk of loss or death caused by the failure of a levee or dam, including but not limited to a seismically-induced inundation. A review of the City of Los Angeles General Plan Safety Element, the Proposed Project lies within a potential inundation area for an earthquake-induced dam failure from the Devil's Gate Dam.[26] [27] However, this reservoir, as well as others in California, are continually monitored by various governmental agencies (such as the State of California Division of Safety of Dams and the U.S. Army Corps of Engineers) to guard against the threat of dam failure. Current design and construction of practices and ongoing programs of review, modification, or total reconstruction of existing dams are intended to ensure that all dams are capable of withstanding the maximum considered earthquake. Therefore, the potential for inundation at the Project Site as a result of an earthquake-induced dam failure is considered low. Therefore, a less than significant impact would occur.

j) Would the project expose people or structures to a significant risk of loss, injury or death involving inundation by seiche, tsunami, or mudflow?

No Impact. A significant impact would occur if the Project Site is sufficiently close to the ocean or other water body to be potentially at risk of the effects of seismically-induced tidal phenomena (i.e., seiche and tsunami), or if the Project Site is located adjacent to a hillside area with soil characteristics that would indicate potential susceptibility to mudslides or mudflows. Seiches are large waves generated in very large enclosed bodies of water or partially enclosed arms of the sea in response to ground shaking.

The Geotechnical Investigation finds that the Project Site is not located within a coastal area. Therefore, tsunamis, seismic sea waves, are not considered a significant hazard at the Project Site. Additionally, no major water-retaining structures are located immediately up gradient from the Project Site. Flooding from seismically-induced seiche is considered low.

The Project Site and the surrounding area are urbanized and relatively flat. The Project's Geotechnical Investigation finds that the Project Site is not located within a landslide area. Additionally, the Project Site is not within an area identified as having a potential for seismic slope instability.[28] Thus, the occurrence of mudflows on the Site is considered remote. Therefore, the Project Site is not subject to slope instability, tsunamis, and seiches. Therefore, no impact would occur.

---

[26] *City of Los Angeles Department of City Planning, General Plan Safety Element, Safety Element Exhibit G: Inundation & Tsunami Hazard Areas In the City of Los Angeles, March 1994.*

[27] *Geocon West, Inc., Geotechnical Investigation Proposed Mixed-Use Residential Development 141 West Avenue 34, Los Angeles, California, July 23, 2015.*

[28] *Ibid.*

Cumulative Impacts

Less Than Significant Impact. Development of the Proposed Project in combination with the three related projects would result in the further infilling of uses in a developed area within the City of Los Angeles. As discussed above, the Project Site and the surrounding areas are served by the existing storm drain systems. Runoff from the Project Site and adjacent urban uses is typically directed into the adjacent streets, where it flows to the nearest drainage improvements. It is likely that most, if not all, of the related projects would also drain to the surrounding street system. However, little if any additional cumulative runoff is expected from the Proposed Project and the related project sites. Under the requirements of the LID Ordinance, each related project would be required to implement stormwater BMPs to retain or treat the runoff from a storm event producing ¾-inch of rainfall in a 24-hour period or the rainfall from an 85th percentile 24-hour runoff event, whichever is greater. Mandatory structural BMPs in accordance with the NPDES water quality program will therefore result in a cumulative reduction to surface water runoff, as the development in the surrounding area is limited to infill developments and redevelopment of existing urbanized areas. Therefore, the Proposed Project would not make a cumulatively considerable contribution to impacting the volume or quality of surface water runoff, and cumulative impacts to the existing or planned stormwater drainage systems would be less than significant. Therefore, cumulative water quality impacts would be less than significant.

X. LAND USE AND PLANNING

a) Would the project physically divide an established community?

No Impact. A significant impact may occur if the project would be sufficiently large enough or otherwise configured in such a way as to create a physical barrier within an established community. According to the *L.A. CEQA Thresholds Guide*, the determination of significance shall be made on a case-by-case basis considering the following factors: (a) the extent of the area that would be impacted, the nature and degree of impacts, and the types of land uses within that area; (b) the extent to which existing neighborhoods, communities, or land uses would be disrupted, divided or isolated, and the duration of the disruptions; and (c) the number, degree, and type of secondary impacts to surrounding land uses that could result from implementation of the Proposed Project.

The Project Site is located in an urbanized area within the Northeast Los Angeles community and is consistent with the existing physical arrangement of the properties within the vicinity of the Project Site. No separations of uses or disruption of access between land use types would occur as a result of the Proposed Project. The Proposed Project would improve the Project Site with the development of a creative campus that includes many public pathways and open space areas that would engage the surrounding community. Further, the Proposed Project would incorporate pedestrian scale commercial and creative office uses along Pasadena Avenue, which promotes pedestrian activity along Pasadena Avenue. The Project's design, open spaces, and layout promotes a community environment, as compared to the existing development on-site that is currently fenced off and is developed with light industrial and warehouse uses. Accordingly, implementation of the Proposed Project would not disrupt or divide the physical arrangement of the established community, and development of the Project would create an engaging environment and add public amenities to the area. Therefore, no impact would occur.

b) Would the project conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project (including, but not limited to the general plan, specific plan, local coastal program, or zoning ordinance) adopted for the purpose of avoiding or mitigating an environmental effect?

Less Than Significant Impact. A significant impact may occur if a project is inconsistent with the General Plan or zoning designations applicable to the Project Site, and would cause adverse environmental effects, which the General Plan and zoning designations are created to avoid or mitigate.

The Proposed Project would include the development of a creative campus that would include 372 residential units, 30,000 square feet of creative offices, and 10,000 square feet of new retail and restaurant space. As part of the Proposed Project, the large warehouse building (86,712 square feet), the 4,033 square foot building on the southeast, a portion of the 3,521 square foot building on the southwest side of the Project Site, and 16,055 square feet of the 24,018 square foot building that fronts Pasadena Avenue would be demolished. The remaining 7,963 square feet of the aforementioned 24,018 square foot building and the remaining portion of the small building located on the southwest corner of the Project Site would be rehabilitated as part of the Proposed Project.

The Project Site is zoned [T][Q]CM-2D with a land use designation of Commercial Manufacturing. The CM designation indicates that the Project Site has no guidelines for height; required yards shall comply with R4 requirements for residential portions of the Project Site, and the minimum lot area shall comply with R3 requirements for residential uses. Allowable uses within a CM zone include wholesale, storage, clinics, limited manufacturing, limited C2 uses, and R3 uses. The Project Site is located within Height District 2, which imposes no height limitations for the Project Site. There are three conditions on the Project Site, which are put in place by Ordinance No. 179,280, these include: a permanent tentative zone classification ([T]), a qualified classification ([Q]), and a development limitation (D). The "D" Development Limitation designation limits the FAR on-site to 3:1. The [Q] Qualified Classification imposes general conditions to on-site uses, parking, and design conditions (site planning, pedestrian access, building design architectural details, walls and fences, landscaping, and mechanical, security, and trash equipment). The complete list of [Q] Conditions are identified in Section II, Project Description. The following highlights relevant provisions of the [Q] condition as it pertains to new development at the Project Site:

- **Use:** There shall be no 100% Commercial projects allowed. There shall be no 100% Residential projects allowed.
- **Parking:** Surface Parking cannot exceed 20% of the total lot area; No parking areas shall face Pasadena Avenue; All Residential parking must be below grade; and Residential and mixed-use projects shall share parking required by the LAMC during off-hours.
- **Yards:** Pasadena Avenue must be designated as a Front Yard. Ground floor commercial uses shall be built to the property line, except where outdoor dining and public areas are provided.
    - Side and rear yards per the underlying CM Zone, which require yards in accordance with the R4 Zone:
        - Side: 5 feet, plus 1 foot for each story over 2nd floor.
        - Rear: 15 feet, plus 1 foot for each story over 3rd floor.

- **Other:**
  - Pasadena Avenue shall have commercial-facing uses.
  - 30% of the Subarea shall be open space and/or paseos
  - Building Breaks shall be provided at various locations within the site.
  - 1 tree provided per each 1,000 sf. of Land Area; 50% of common open space shall be landscaped.

The Project Site is located within the East Los Angeles State Enterprise Zone, an Adaptive Reuse Incentive Area, and a Transit Priority Area per the Department of City Planning's Zoning Information File ZI No. 2452. Although the Project Site was initially mapped within the boundaries of the proposed Cornfield Arroyo Specific Plan (CASP), the Project Site was subsequently omitted from the CASP boundaries when it was adopted. The Project Site is uniquely located in Subarea 4 of Ordinance 179,280. The intent of Ordinance No. 179,280 is to change the zones and height districts of identified properties in order to promote mixed-use development in close proximity to a transit station. The applicable [Q] Conditions and D Limitations established in the Ordinance are identified in Section II, Project Description.

As part of the requested entitlements, the Applicant is requesting the clarification of "Q" Condition A.1.c of Ordinance No. 179,280 which reads as follows: "A minimum of 50% of the non-residential floor area shall be limited to Neighborhood Retail and Neighborhood Services as permitted by LAMC 13.07C." Those uses as defined in LAMC 13.07C are as follows:

> **"Neighborhood Retail"** Neighborhood retail uses shall be limited to retail sale of goods needed by residents and patrons of a Pedestrian Oriented District, including: Art galleries, Art supplies, Athletic/sporting goods, Bakeries, Books or cards, Bicycle sales and repairs, Clock or watch sales and/or repair, Clothing, Computer sales and repair, Drug stores, Fabrics or dry goods, Florists, Food/grocery stores, including supermarkets, produce, cheese and meat markets and delicatessens, Hardware, Household goods and small appliances, Newsstands, Photographic equipment and repair, Sit Down Restaurants, excluding drive-through service, Stationery, Toys; and Other similar retail goods as determined by the Zoning Administrator.
>
> **"Neighborhood Services"** Neighborhood services are those services used by residents and patrons on a regular basis, including: Barber shop or beauty parlor, Blueprinting, Child care facility, Club or lodge, bridge club, fraternal or religious associations, Copying services, Custom dressmaking, Dry cleaner, Financial services, Laundry or self-service Laundromat, Locksmith, Optician, Photographer, Shoe repair, Tailor, and other similar services as determined by the Zoning Administrator.

The Project proposes 30,000 square feet of creative office space and 10,000 square feet of more traditional retail space. However, the world of "creative office" has expanded significantly to expressly accommodate new smaller entrepreneurial businesses and neighborhood incubator uses. Furthermore, of the above list, as highlighted above, more than 50% of the express uses specified as neighborhood-serving uses may be conducted in either a traditional retail storefront, or within a less conventional creative office complex, in which flexible space and flexible work-space is the national trend to promote the long-term utilization of spaces.

The Applicant is requesting the clarification of "non-residential" to be interpreted to permit a variety of neighborhood-serving commercial support services, which may include both offices/businesses, and other commercial retail services. The design of the Proposed Project would more than achieve the intent of this "Q" Clarification by also providing the availability for goods and services sale and production in *residential* portions of the building through the provision of residential units throughout the Project Site. However, the "Q" Clarification as currently interpreted will limit the feasibility of the Project by shrinking the floor area available for creative office on-site to only accommodate "business" in the traditional sense of a Class "A" office space.

With respect to the applicable yard requirements, the Applicant is seeking approval of a Zoning Administrator's Adjustment pursuant to LAMC Section 12.28.A to permit the maintenance of a minimum 0-foot side yard in lieu of 8-feet, as required by LAMC 12.17.1.C, to preserve existing buildings on-site with non-conforming yards. These adjustments are necessary as they apply to existing buildings that are non-conforming to the yard requirements and are proposed to be retained and re-used as part of the Project.

The proposed mixed-use Project is permitted by the underlying CM zoning, as well as the Commercial Manufacturing classification by the Northeast Los Angeles Community Plan.

Regional Plans

SCAQMD Air Quality Management Plan. The Proposed Project is located within the South Coast Air Basin (Basin) and, therefore, falls under the jurisdiction of the SCAQMD. In conjunction with SCAG, the SCAQMD is responsible for formulating and implementing air pollution control strategies. The SCAQMD's Air Quality Management Plan (AQMP) was recently updated in 2003 to establish a comprehensive air pollution control program leading to the attainment of State and federal air quality standards in the Basin, which is a non-attainment area. The most recent AQMP was adopted on December 7, 2012. The Proposed Project conforms to the zoning and land use designations for the Project Site as identified in the General Plan, and, as such, would not add emissions to the Basin that were not already accounted for in the approved AQMP. Furthermore, as noted in Section 3, Air Quality, the Proposed Project would not exceed the daily emission thresholds during the construction or operational phases of the Proposed Project. Therefore, the Proposed Project would be consistent with the AQMP.

SCAG Regional Comprehensive Plan. The Project Site is located within the six-county region that comprises the SCAG planning area. The SCAG Regional Comprehensive Plan (RCP) includes growth management policies that strive to improve the standard of living, maintain the regional quality of life, and provide social, political, and cultural equity. The Proposed Project would be consistent with policies set forth in the RCP, as the Project is an infill development and would develop a fully developed, underutilized lot with a transit adjacent mixed-use creative campus, which is consistent with both local and regional plans for growth and development. Thus, as the Proposed Project would generate approximately 1,216 new residents in a high priority transit area and would not exceed regional growth projections, the Proposed Project would be consistent with SCAG growth projections (see Checklist Question VIII, Population and Housing).

Local Plans

City of Los Angeles General Plan

The General Plan is a comprehensive, long-range declaration of purposes, policies and programs for the development of the City. The General Plan is a dynamic document consisting of 11 elements, which include a Framework Element, Air Quality Element, Conservation Element, Housing Element, Noise Element, Open Space Element, Service Systems Element / Public Recreation Plan, Safety Element, Mobility Element, a Plan for a Healthy Los Angeles, and the Land Use Element. The Land Use Element is comprised of 35 community plans.[29]

Those elements that would be most applicable to the Proposed Project are the Framework Element and the Housing Element. The Framework Element provides citywide guidelines and a foundation in which Community Plans and other General Plan Elements can base their more specific goals, objectives, and policies on. The Project would promote the Framework Land Use Chapter's objectives and policies for multi-family development. These objectives and policies include: provide for the stability and enhancement of multi-family residential neighborhoods and allowing for growth in areas where there is sufficient public infrastructure and services and the residents' quality of life can be maintained or improved; accommodate the development of multi-family residential units in areas designated in the community plans in accordance with the zoning densities; and improve the quality of new multi-family dwelling units based on the urban form and neighborhood design standards.

The Proposed Project would conform to the General Plan Framework Housing Chapter and the Housing Element goals by enhancing housing supply in the City. The Project provides the area with greater diversity in type and cost of housing that increases housing opportunities for a larger range of income levels. The Project's 372 dwelling units would also be accessible to all persons without discrimination. Additionally, the Proposed Project would reserve 11 percent of its base density residential units (approximately 31 dwelling units) for very low income tenants. The development would generate new residents that are within close proximity to bus and rail lines, Arroyo Seco Parkway (SR-110), and commercial and industrial areas that provide services and job opportunities. Additionally, the Proposed Project would enhance the surrounding community by developing an infill site, which currently contains industrial and warehouse land use, with a pedestrian friendly development.

Los Angeles Municipal Code

The Proposed Project would not conflict with the goals, objectives, and allowable land uses in the Northeast Los Angeles Community Plan and the LAMC. The General Plan land use designation for the Project Site is Commercial Manufacturing and the zoning designation is [T][Q]CM-2D, which allows for residential, commercial retail/restaurant, and office land uses. The Proposed Project would be comprised of multi-family residential uses, creative office, and retail/restaurant uses. Residential uses are permitted

---

[29] *City of Los Angeles Department of City Planning, General Plan Elements, website: http://cityplanning.lacity.org/, accessed August 2016.*

on lots zoned for CM uses that are located within the Northeast Los Angeles CPA. Therefore, the Proposed Project would conform to the allowable land uses pursuant to the LAMC.

The Project Site's total lot area consists of approximately 219,320 square feet (5.03 acres) and 203,960 square feet of buildable area. The Project Site is currently improved with four light industrial and warehouse buildings and paved surface loading and parking areas. The Proposed Project includes the construction of a creative campus that would include five buildings. The Proposed Project would include a total of 372 residential dwelling units, 30,000 square feet creative office space, and 10,000 square feet of retail/restaurant space.

Floor Area

The Project Site is zoned [T][Q]CM-2D with the land use designation of Commercial Manufacturing. The corresponding zones for Commercial Manufacturing are the CM and P Zones. Height District No. 2 does not specify a building height limit; although the 'D' designation limits floor area ratio on-site to FAR 3:1. The Project Site is approximately 219,320 gross square feet and has a buildable area of 203,960 square feet. As such, allowable FAR on-site is 611,880 square feet. The Proposed Project would provide approximately 524,600 square feet of floor area for an approximate 2.6:1 FAR. Therefore, development of the Proposed Project is within the allowable floor area ratio for the Project Site, and a less than significant impact would occur.

Density

Pursuant to LAMC Section 12.17.1.A.1, residential land uses are permitted in a CM Zone with compliance with all the regulations of the R3 Zone, with the exception of any required front yard setbacks. As such, residential uses on the Project Site are limited to one dwelling unit per 800 square feet (or approximately 275 dwelling units for the Project Site based on a lot area of 219,320 square feet). The Proposed Project would reserve eleven percent of its base density (approximately 31 dwelling units) as very low income units. As such, the Proposed Project would include a ministerial density bonus pursuant to LAMC Section 12.22 A.25 for a 35 percent increase in permitted density to allow for 372 dwelling units in lieu of the base density of 275 dwelling units. Therefore, the Proposed Project would be consistent the permitted density for the Project Site. Therefore, a less than significant impact would occur.

Open Space

Open space is provided in accordance with Ordinance 179,280 and LAMC 12.21.G. Pursuant to LAMC 12.21.G, the Project Site is required to provide 39,575 square feet of usable open space for Project residents. In addition to the LAMC requirement for common open space, Ordinance 179,280 further establishes a [Q] Condition (See [Q] Condition B.1.e) which requires a minimum of 30% of the Subarea shall be devoted to publicly accessible open space and pedestrian paths that shall be accessible beginning at dawn and ending at dusk or close of on-site businesses, whichever occurs later. This condition would require 64,744 square feet of publicly available open space. The Proposed Project is providing 64,744 square feet of publicly accessible open space on-site in accordance with the [Q] condition and 39,575 square feet of open space on-site exclusively for residents and their guests. Refer to Table II-3, located in the Project Description, for proposed open space on site. Thus, the Proposed Project would be consistent

with the open space requirements for the Project Site. Therefore, a less than significant impact would occur.

The Proposed Project contains a complex network of public and common open space in a network of connecting paseos, plazas, and gardens. Two indoor community rooms would be provided in Building B. An outdoor pool would be available for residents at the southwest corner of the Project Site, as well as an on-site fitness facility.

In accordance with LAMC Section 12.21 G.2(a)(3), a minimum of 25 percent would be landscaped with a variety of drought-tolerant plant species. The proposed landscaping plan provides a mix of ground cover and trees to compliment the architecture. The Applicant envisions a landscape palette that evokes relationship with the nearby river and Arroyo, using species and materials that mirror the Arroyo ecology. The plant material would be selected for temperature hardiness and low water use.

Parking

As discussed previously in this Section, the Proposed Project meets all of the requisite criteria of a Transit Oriented Infill Project pursuant to SB 743. SB 743, now codified as law under Public Resources Code 21099 provides that "aesthetic and parking impacts of a residential, mixed-use residential, or employment center project on an infill site within a transit priority area shall not be considered significant impacts on the environment." Accordingly, the Proposed Project's parking impacts shall not be considered significant impacts on the environment as a matter of law under Public Resources Code Section 21099. The following impact discussion is provided for informational purposes only.

The Proposed Project would provide 467 total on-site parking spaces provide in one level of subterranean parking beneath the Project Site and at grade. The subterranean levels serve as a basement with vehicle parking and storage and is accessed by two ramps accessed off of Avenue 34. Residential parking is provided in accordance with AB 744, which allows a parking ratio of 0.5 parking spaces per bedroom for a development that includes the maximum percentage of low- or very low-income units and is located within ½ mile of a major transit stop and there is unobstructed access to the transit stop from the development. The Proposed Project requires 233 residential parking spaces, and is proposing to provide 384 residential parking spaces and 3 residential guest parking spaces, which complies with the LAMC code requirement.

For the creative office and retail/restaurant element, the Proposed Project would be required to provide one space for every 500 square feet of office per LAMC 12.21 A.4(x)(3)6, which governs parking requirements in Enterprise Zones for "combined gross floor area of commercial office, business, retail, restaurant, bar, and related uses..." As such, the Project requires 80 non-residential parking spaces, and is providing 80 spaces, which is in compliance with LAMC code requirements.

The Proposed Project is also required to provide a minimum of one long-term bike parking space per unit and one short-term parking space for every 10 units for a total of 409 residential bike parking spaces: 372 long-term and 37 short term. The Proposed Project would provide a total of 409 residential bike parking spaces. The retail/restaurant portion of the Project requires one short-term and one long-term space per 2,000 square feet for a total of 5 short-term and 5 long-term spaces. The creative office portion of the Project requires one short-term space per 10,000 square feet and one long-term space per 5,000 square

feet for a total of 3 short-term spaces and 6 long-term spaces. Thus, the Proposed Project would be required to provide a total of 428 bicycle parking spaces. The Proposed Project would comply with the LAMC and provide 428 bicycle parking spaces.

Exposure to Poor Ambient Air Quality

The Project Site is located within 1,000 feet of the Arroyo Seco Parkway (SR-110), which is located to the north and west of the Project Site. The future occupants of the Proposed Project would be exposed to poor air quality emissions from vehicles traveling on these roadways. While recent court rulings[30] have found that CEQA does not require an analysis of the impacts of the environment on a project, the AQMD and the City Planning Commission continue to recommend that, prior to the approval of a project, the impacts of air pollutants on people who would live in a new project are addressed and appropriately mitigated to the extent feasible. Pursuant to the City Planning Commission's Freeway Adjacent Advisory Notice for Sensitive Uses (ZI-2427)[31], a detailed Health Risk Assessment was conducted for the Proposed Project to determine the carcinogenic risks associated with developing residential land uses within proximity to the freeway.[32] The Project Site is located approximately 210 feet from the 110 Freeway at the closest point and is located adjacent to the Metro Gold Line light railway. As such, the Proposed Project's future residents, employees, and visitors would be exposed to exhaust emissions from the nearby freeway.

As concluded in the HRA, the Project Site's worst-case ground level location would be exposed to cancer risks below 10 per one million for the 9-year and 30-year residential scenarios, and the 25-year worker scenario. While cancer risks would exceed 10 per one million under the 70-year residential scenario, the following disclosure from OEHHA (2015) should be considered. The 9 and 30-year durations correspond to the average and high-end of residency time recommended by U.S. EPA (1997). The California data presented in Appendix L of the Exposure TSD (OEHHA, 2012) are generally supportive of the nationwide data. The 9 and 70-year exposure durations present potential impacts over the range of residency periods, while the 30-year exposure duration is recommended for use as the basis for estimating cancer risk at the maximally exposed individual resident (MEIR) in all HRAs. The Project Site's worst-case ground level location would be exposed to cancer risks below 10 per one million for the 30-year residential scenario. The Freeway Adjacent HRA also concluded all acute and chronic health hazard indices would also be under the SCAQMD recommended threshold of 1.0 (1.0 E-6). In addition, the Proposed Project would not have significant adverse land use consistency issues associated with heavy rail, distribution centers/heavy trucking, industrial facilities, dry cleaners, or gas dispensing facilities. In conclusion, with the installation of MERV 13 filtration, as required by Ordinance No. 184,245 (Clean Up Green Up) for all mechanically ventilated buildings within 1,000 feet of a freeway, and the consideration of the additional strategies aimed at improving future occupants' exposure to ambient air quality

---

[30] *California Building Industry Association v Bay Area Air Quality Management District (S213478, December 17, 2015).*

[31] *ZI NO. 2427: Freeway Adjacent Advisory Notice For Sensitive Uses; following link accessed February 2016: http://zimas.lacity.org/documents/zoneinfo/ZI2427.pdf*

[32] *Pomeroy Environmental Services, Health Risk Assessment Avenue 34 Project 123-167 W. Avenue 34; 3401-3437 N. Pasadena Avenue, Los Angeles, California 90031, October 2016.*

conditions, the Proposed Project would be consistent with the requirements of City of Los Angeles Planning Commission ZI No. 2427. As such, impacts associated with the future occupant's exposure to ambient air quality would be less than significant.

East Los Angeles State Enterprise Zone

The Project Site is located in the East Los Angeles State Enterprise Zone, which "provide[s] economic incentives to stimulate local investment and employment through tax and regulation relief and improvement of public services." Projects located within a State Enterprise Zone are afforded certain incentives for development related to reduced parking for commercial/retail uses, and a waiver of Site Plan Review entitlement fees. The Project proposes approximately 372 dwelling units and 40,000 square feet of commercial space and is thereby eligible for the Site Plan Review fee waiver and reduced required commercial parking ratio of two parking spaces for every one thousand square feet.

Adaptive Reuse Incentive Area

The Project Site is also within an Adaptive Reuse Incentive Area (Ordinance No. 175,038). Adaptive reuse is defined as any change of an existing non-residential use to new dwelling units, guest rooms, or joint living and working quarters in all or in any portion an eligible building. The Proposed Project includes the rehabilitation of approximately 7,963 square feet of the 24,018 square foot building on-site, and a portion of the 3,521 square foot building on the southwest corner of the Project Site. The existing floor area is currently used as light manufacturing and commercial uses, and the Proposed Project intends to rehabilitate and use the existing floor area as commercial and office uses. As such, the Proposed Project would not be providing dwelling units, guest rooms, or live-work units within the rehabilitated buildings. The Proposed Project does not anticipate any adaptive reuse of the existing buildings. Thus, the permissions of the Adaptive Reuse Ordinance are not applicable to the Proposed Project.

Transit Priority Area (Zoning Information 2452)

On September 2013, the Senate Bill (SB) 743 was signed into law, which instituted changes to the California Environmental Quality Act (CEQA) when evaluating environmental impacts to projects located in areas served by transit. SB 743 states that project's aesthetics and parking impacts shall not be considered a significant impact on the environment if: (1) the Project is a residential, mixed-use residential, or employment center project, and (2) the project is located on an infill site within a transit priority area. SB 743 is further discussed in Section 1, Aesthetics, and in this Section. The Project Site is designated as a Transit Priority Area and is within ¼ mile of the Heritage Square Station of the Metro Gold Line. As such, the Proposed Project is eligible for parking reductions and other incentives offered for transit oriented district projects.

Public Resources Code 21099 provides that "aesthetic and parking impacts of a residential, mixed-use residential, or employment center project on an infill site within a transit priority area shall not be considered significant impacts on the environment." Accordingly, the Proposed Project's aesthetic and parking impacts shall not be considered significant impacts on the environment as a matter of law under Public Resources Code Section 21099.

Cornfield Arroyo Specific Plan

The Project Site is located within the boundaries of the Cornfield Arroyo Specific Plan Study Area but is excluded from the provisions of the Specific Plan. The Project Site was specifically exempted from rezoning and or land use classification modification under the Specific Plan.[33] Instead, the Project Site is uniquely regulated by a specific set of development standards and guidelines established by Ordinance 179,280 independent from the surrounding Specific Plan Area. Therefore, the underlying provisions of the LAMC and Ordinance 179,280 prevail and are the basis for all development standards and guidelines for the Project Site.

Northeast Los Angeles Community Plan

The Project Site is located within the Lincoln Heights neighborhood within the Northeast Los Angeles Community Plan area (CPA). All development activity on the Project Site is subject to the land use regulations of the Community Plan. A detailed analysis of the Proposed Project's consistency with the applicable provisions of the Northeast Los Angeles Community Plan is presented in Table III-9, below. As discussed in Table III-9, the Project would be in substantial compliance with the applicable provisions of the Northeast Los Angeles Community Plan.

[33] *City of Los Angeles Department of City Planning, Cornfield Arroyo Seco Specific Plan, page 1-18.*

Table III-9
Project Consistency Analysis with Applicable Provisions
in the Northeast Los Angeles Community Plan

Goal/Objective/Policy	Comments
Residential	
Goal 1: A safe, secure, and attractive residential environment for all economic, age, and ethnic segments of the community.	The Los Angeles Police Department (LAPD) would be consulted during the design and construction of the Proposed Project to ensure on-site security and reduce dead zones and attractive nuisances. The Proposed Project would implement principles of the City of Los Angeles Crime Prevention through Environmental Design (CPTED) Guidelines to enhance on-site security. The Proposed Project would be attractively designed and landscaped to encourage pedestrian activity on-site and in the vicinity. The 372 proposed dwelling units would be available to all persons without discrimination. Additionally, the Proposed Project would reserve approximately 31 dwelling units for very low income tenants. As such, the Proposed Project would be consistent with this Goal.
Policy 1-1.1: Protect existing stable single-family and other lower density residential neighborhoods from encroachment by higher density residential and other uses that are incompatible as to scale and character or would otherwise diminish the quality of life.	The Proposed Project would introduce the development of a creative campus that would provide 372 multi-family dwelling units. Low Medium II Residential land uses are located to the southeast of the Project Site, along Pasadena Avenue. Low Medium Residential and Low/ Low I Residential neighborhoods are located further south and east from the Project Site, respectively. The Project Site is zoned [T][Q]CM-2D and has a corresponding General Plan land use designation of Commercial Manufacturing. Land uses to the immediate north and south are designated as hybrid industrial; land uses to the west are designated as public facilities (railroad right-of-way) and hybrid industrial; land uses to the east are designated as public facilities (elementary school) and low medium II residential (multi-family development). General Plan Land Use designation of Low / Low I Residential (single-family development) exists northeast of the Project Site along the north side of Avenue 35 and east of the Project Site, east of Griffin Avenue. Low-density residential neighborhoods do not immediately abut the Project Site. The Proposed Project would not encroach on the single-family neighborhoods. The design of the Proposed Project would ensure that the Project is visually consistent with the scale and massing of the surrounding community. The Proposed Project would not diminish the quality of life in the neighborhood. Thus, the Proposed Project would be consistent with this Policy.
Objective 1-2: To allocate land for new housing to accommodate a growth of population that is consistent with and promotes the health, safety, welfare, convenience, and pleasant environment of those who live and work in the community based on adequate infrastructure and government services, especially schools.	The Proposed Project would be inconsistent with this Objective if the population generated by the project would exceed SCAG's or the Community Plan's population growth forecasts, or if the Project would cause public services or utilities to operate beyond capacity. As discussed in Section XIII, Population and Housing, the Proposed Project's generation of 1,216 permanent residents is within the population growth forecasts for the CPA. The CPA forecasted a housing total of approximately 76,551 dwelling units for 2010, and the 2010 Census shows a housing stock total of approximately 77,817 dwelling units. Therefore, there are 1,266 existing units beyond what was projected for the CPA in

	2010. As such, the Project would be contributing to the increase of dwelling units within the CPA. However, it is worth noting that the projections in the Community Plan are outdated and do not reflect the updated Citywide projections as reported to SCAG for purposes of the RTP/SCS and the updated demographic data as presented in the adopted Regional Housing Needs Assessment. Nevertheless, as discussed in Section XIV. Public Services, and Section XVII. Utilities and Service Systems, the Proposed Project would not create a significant impact that cannot be mitigated to a less than significant level for all public services, utilities, and service systems, including schools. Therefore, the Proposed Project is consistent with this Objective and promotes the health, safety, welfare, convenience, and pleasant environment of the Northeast Los Angeles CPA.
Policy 1-2.1: Designate specific areas to provide for adequate residential development to accommodate anticipated increases in population while maintaining a balance between single-family and multiple-family uses.	The Project Site is currently used for light industrial and warehouse uses. As such, development of the Project Site would not displace any single-family or multiple-family housing. As discussed above, the Project proposes the development of 372 dwelling units on a site that allows for such development. As discussed above, multi-family land uses exist along Pasadena Avenue south of the Project Site. Single-family land uses exist further northeast and east from the Project Site. Development of the Project is consistent with the zoning and land use designation for the Project Site and would be consistent with land uses in the area. The Project would not encroach onto single-family neighborhoods. Additionally, the Project's expected 1,216 new permanent residents are within the CPA's projected population for 2010. Therefore, the Proposed Project is consistent with this Policy.
Policy 1-2.2: Locate higher residential densities near commercial and institutional centers, light rail transit stations, and major bus routes to encourage pedestrian activity and use of public transportation, providing that infrastructure, public service facilities, utilities, and topography will fully accommodate this development.	Pursuant to SB 743, the Project qualifies as a transit infill project (discussed in Section 1, Aesthetics). The Proposed Project would be placing higher density residential development within approximately ¼ mile from the Heritage Square Arroyo Transit Station. The Heritage Square Arroyo Station is an existing rail transit station that serves the Metro Light-Rail Gold Line running between Downtown Los Angeles and the City of Pasadena. Further, the Proposed Project includes the development of 30,000 square feet of creative offices and 10,000 of retail/restaurant uses that would supplement existing commercial and institutional land uses in the vicinity of the Project Site. As such, the Proposed Project would be placing higher density residential near commercial, institutional, and transit opportunities. Pursuant to Ordinance No. 179,280, the Proposed Project reserves 30 percent (approximately 64,744 square feet) of the Project Site as publicly accessible open space. The Proposed Project includes public open space, paths, and landscaped areas throughout the Project Site. The Proposed Project's community-oriented design, public accessibility, location near public transportation and job opportunities encourages pedestrian activity in the Project Site area. As further discussed in Section XIV, Public Services, and Section XVII, Utilities and Service Systems, the Project would

	be adequately served by existing public services and utilities. As such, the Proposed Project would be consistent with this policy.
Policy 1-2.3: Encourage mixed-use development in selected commercially-zoned areas.	The Project Site is zoned for commercial development. The Project Site is also located within a Transit Priority area that encourages mixed-use, infill development near major transit centers. The Proposed Project includes the development of a creative campus that utilizes mixed-use development and integrates residential and commercial uses on-site. As such, the Proposed Project is consistent with this Policy.
Objective 1-3: To preserve and enhance the residential character and scale of existing single- and multi-family neighborhoods.	As discussed above, the Project Site is not located within a single-family or multi-family residential neighborhood. Although, multi-family residential development is located along Pasadena Avenue, southeast of the Project Site. The Proposed Project would add multi-family residential development and commercial development to the community in a manner that would be consistent with the existing neighborhood and allowed land uses on-site. The Proposed Project's commercial component and publicly accessible open space would promote pedestrian activity along abutting thoroughfares and within the Project Site, which would enhance and promote a community environment.
Policy 1-3.1: Protect the quality and scale of the residential environment through attention to the appearance of new construction including site planning and compatible building design.	The Proposed Project would develop an underutilized site with a creative campus that would include 372 dwelling units and 40,000 square feet of retail and office space within five buildings. The Proposed Project would be designed, including building siting, architectural design, architectural materials, and landscaped to be visually consistent with the surrounding neighborhood and promote pedestrian activity on-site and along abutting thoroughfares. Additionally, the Proposed Project would require a Site Plan Review from the City of Los Angeles. Thus, all design and construction plans would be approved by the City of Los Angeles. The Proposed Project would be consistent with this Policy.
Policy 1-3.2: Consider factors, such as neighborhood character and aesthetics, identity; compatibility of land uses; impacts on livability, services, public facilities, and traffic levels, when changes in residential densities are proposed.	The Proposed Project would reserve eleven percent of its base density (approximately 31 dwelling units) as very low income units. As such, the Proposed Project would include a ministerial density bonus pursuant to LAMC Section 12.22 A.25 for a 35 percent increase in permitted density to allow for 372 dwelling units in lieu of the base density of 275 dwelling units. The density bonus would allow a higher residential density than the baseline density. The Project Site is a in a Transit Priority Area and within close proximity to job opportunities and public services. With the compliance to regulatory compliance measures and implementation of identified mitigation measures, the Proposed Project would result in no impact or a less than significant impact to aesthetics, public services, recreation, utilities, and transportation and traffic. Further, development of the Proposed Project would promote a community environment and pedestrian activity on the Project Site and along Pasadena Avenue and Avenue 34, which currently does not exist. Therefore, the Proposed Project would improve livability and services in the area. As such, the Proposed Project would be consistent with this Policy.
Objective 1-6: To promote and ensure the	The Proposed Project's 372 dwelling units would be available

provision of fair and equal housing opportunities for all persons regardless of income and age groups or ethnic, religious, or racial background.	to all persons without discrimination. Thus, the Proposed Project would be consistent with this Objective.
Policy 1-6.1: Promote individual choice in type, quality, price, and location of housing.	The Proposed Project increases the diversity of the housing stock within the CPA; thus, increasing individual choice in type, quality, price, and location of housing. The Proposed Project would support this Policy.
Policy 1-6.2: Promote mixed use in all multiple-family residential projects in commercial zones.	The Project Site is zoned [T][Q]CM-2D and has a corresponding land use designation of Commercial Manufacturing. The Project proposes a creative campus that would include mixed-use development and integration of residential and commercial uses on-site. As such, the Proposed Project would be consistent with the Policy.
Policy 1-6.3: Ensure that redevelopment activity minimizes displacement of residents.	The Project Site is currently developed with warehouse and light industrial land uses. As such, there are no current residents on-site, and the Proposed Project would not displace any residents. Therefore, the Proposed Project would be consistent with this Policy.
Commercial	
Goal 2: Strong and competitive commercial areas that suitably serve the needs of the community and attracts customers from outside the plan area by satisfying marker demand and maximizing convenience and accessibility while preserving unique historic and cultural identities of each commercial area.	Although the Proposed Project would displace approximately 118,284 square feet of warehouse and light industrial uses, the Project would supplement the Project area with 372 residential live work units and 40,000 square feet of commercial uses. Job opportunities would be generated by approximately 30,000 square feet of creative office and 10,000 square feet of retail/restaurant space. Further, the Project Site is located within a Transit Priority Area and qualifies as a Transit-Oriented Infill Project. The Project's commercial component, publicly accessible open space, and location near transit opportunities increases its convenience and accessibility to customers from outside the plan area and supports the needs of the community. Further, as discussed in Section V, Cultural Resources, the Proposed Project would not interfere with any unique historic and cultural resources. The Proposed Project would further rehabilitate a portion of the existing commercial floor area on-site into the Project design, which helps preserve the character of the commercial area. As such, the Proposed Project is consistent with this Goal.
Objective 2-1: To conserve and strengthen potentially viable commercial areas in order to stimulate and revitalize existing businesses and create opportunities for appropriate new commercial development.	The Project Site is located within a Transit Priority Area and qualifies as a Transit-Oriented Infill Project. Development of the Proposed Project would strengthen and revitalize the existing commercial, industrial, and public facilities within the area by providing new residential and commercial space. The Proposed Project would foster new business and employment opportunities for potential customers and residents. Therefore, the Proposed Project supports this Objective.
Policy 2-1.2: Protect commercially planned/zoned areas, from residential-only development.	The Proposed Project includes the development of a creative campus that includes 372 residential units, 30,000 square feet of creative office, and 10,000 square feet of retail/restaurant. The Proposed Project is not a residential-only development. As such, the Proposed Project is consistent with this Policy.
Policy 2-2.2: Require that projects in commercial areas be designed and developed to achieve a high level of quality, distinctive character, and compatibility with appropriate existing uses and development.	The Project Site is zoned for commercial development. The Project is consistent with the allowable uses on-site pursuant to the Los Angeles General Plan and LAMC. The Project would provide a well-designed and landscaped creative campus that would promote pedestrian activity in the area and provide

	commercial opportunities. The Project is consistent with the requirements of Ordinance No. 179,280, which establishes the [T], [Q], and D conditions for the Project Site. As such, the Project is consistent with this Policy.
Objective 2-3: To minimize conflicts between auto-related and pedestrian-oriented activities and encourage use of public transportation in commercial areas.	The Project is a Transit-Oriented Infill Project in accordance with SB 743. The Project would encourage the use of public transportation and pedestrian activity along Pasadena Avenue and Avenue 34 and on site. The Proposed Project would place residential units and ground-floor commercial space in a transit-rich and pedestrian-oriented area. The Project Site's location near mass transit and in walking distance to services, retail stores, and employment opportunities promotes a pedestrian-friendly environment. As such, the Project is consistent with this Objective.
Policy 2-3.2: Encourage the formation of pedestrian-friendly shopping environments.	The Proposed Project encourages a pedestrian-friendly shopping environment with creative design, site amenities, and transit plaza connection with shops and open space. The Proposed Project would provide an enriched streetscape design, publicly accessible sidewalks and paths throughout the Project Site. The Proposed Project would further provide outdoor dining, seating, and other structures to support the retail element. As such, the Proposed Project is consistent with this Policy.
Open Space	
Goal 4: Sufficient open space, in balance with development, to serve the recreational, environmental, and health needs of the community and to protect environmental and aesthetic resources.	Pursuant to LAMC 12.21.G, the Project would provide 39,575 square feet of open space and amenities on-site exclusively for future residents and their guests. Further, pursuant to Ordinance No. 179,280, the Proposed Project would provide 64,744 square feet of publicly accessible open space on-site. Residential amenities include a gym, a pool, community rooms, and rooftop open space. Publicly accessible open space includes open space, paths, and landscaped areas throughout the Project Site. As such, the Proposed Project is consistent with this Goal.
Recreation and Park Facilities	
Goal 5: Adequate recreation and park facilities to meet the needs of the residents in the plan area.	As discussed in Section XIV, Public Services, there are currently approximately 1,210.3 acres of parkland and recreational facilities within two miles of the Project Site. As discussed above, the Proposed Project would provide open space and amenities on-site. The Proposed Project would comply with LAMC requirements and Ordinance 179,280 requirements for residential open space and publicly accessible open space. The Proposed Project's future 1,216 residents would be adequately served by existing park and recreation facilities and proposed on-site open space and amenities. As such, the Proposed Project is consistent with this Goal.
Schools	
Goal 6: Appropriate locations and adequate facilities for schools to serve the needs of existing and future populations.	This Goal is directed toward general City goals and does not specifically pertain to an individual development project. Although, as discussed in Section XIV, Public Services, there is one elementary school, one middle school, and two high schools that currently serve the Project Site. The Applicant would be required to pay all applicable school facility development fees in accordance with California Government Code Section 65995. Payment of Development fees would ensure that the Proposed Project would result in a less than significant impact to local schools. As such, the Proposed

	Project would not hinder this Goal.
Libraries	
Goal 7: Adequate library facilities and services for the area's residents.	As discussed in Section XIV, Public Services, the Project Site is adequately served by existing library facilities within two miles of the Project Site. As such, the Proposed Project is consistent with this Goal.
Police Protection	
Goal 8: Adequate police facilities and services to provide for the public safety needs of the community.	As discussed in Section XIV, Public Services, the Project Site is currently served by Hollenbeck Community Police Station, located at 2111 E. 1st Street, which is approximately 3.6 miles south of the Project Site. Development of the Proposed Project would not require the expansion of current police facilities, and there are no current plans for the expansion of police facilities in the area. As such, the Hollenbeck Community Police Station would adequately serve the Project Site. The Proposed Project would be consistent with this Goal.
Policy 8-1.3: Encourage design of building and facilities in accordance with principles that minimize opportunities for crime and enhance personal safety.	The Proposed Project would implement the principles of the City of Los Angeles Crime Prevention through Environmental Design (CPTED) Guidelines. Additionally, the Proposed Project would be designed and constructed with the recommendations of the LAPD. As such, the Proposed Project's demand in police services is expected to be relatively low. The Proposed Project would be consistent with this Policy.
Fire Protection	
Objective 9-1: Ensure that fire facilities and protective services are sufficient for the existing and future population and land uses.	The Project Site is served by LAFD Station No. 1, located at 2230 Pasadena Avenue, which is approximately 0.7 mile south of the Project Site. Based on the response distance criteria specified in LAMC 57.09.07A and the relatively short distance from Fire Station No. 1 to the Project Site, fire protection response would be considered adequate. The Proposed Project is not expected to necessitate the construction of a new fire station. As such, the Proposed Project would be consistent with this Objective.
Circulation	
Objective 10-1: To comply with Citywide performance standards for acceptable levels of service and ensure that necessary road access and street improvements are provided to accommodate traffic generated by all new development.	The Proposed Project would be designed with the guidance of the Los Angeles Department of Transportation and the Los Angeles Fire Department to ensure adequate site access that ensure that design of the Project would not conflict with vehicle or pedestrian movement. The Proposed Project would comply with Citywide performance standards for acceptable levels of service. With the implementation of the proposed Transportation Demand Management Plan and Trip Monitory Program discussed in the LADOT Traffic Impact Assessment letter, dated January 26, 2016, the Proposed Project would result in a less than significant impact to transportation and traffic (Mitigation Measure MM-T-1).
Policy 10-1.1: Maintain Levels of Service for streets and highways not to exceed LOS "D" for secondary arterials, collector streets, and local streets; not to exceed LOS "E" on Major Highways of in the community's major business districts.	This Policy is directed towards the City and does not specifically pertain to a single project. With the implementation of the Transportation Demand Management Plan and Trip Monitory Program (Mitigation Measure MM-T-1 to T-3) the Project's transportation and traffic impacts would be mitigated to less than significant levels.
Policy 10-1.2: Design new development projects to minimize disturbance to existing traffic flow with proper ingress and egress to parking.	The Proposed Project would be designed with the guidance of the Los Angeles Department of Transportation and the Los Angeles Fire Department to ensure adequate site access to on-site parking facilities would not conflict with vehicle or

	pedestrian movement. Additionally, the proposed driveways to the Project Site would provide properly signalized ingress and egress to the Proposed Project's parking lot to minimize disturbance to existing traffic flow. As such, the Proposed Project would be consistent with this Policy.
Policy 10-1.3: Discourage non-residential traffic flow for streets designed to serve only residential areas by the use of traffic control measures.	Although residential neighborhoods exist to the east and southeast of the Project Site, the Project Site is located in a primarily commercial, public facilities, and industrial area. As such, the Proposed Project's non-residential traffic would not interfere with streets designed to serve only residential areas. As such, the Proposed Project would be consistent with this Policy.
Public Transportation	
Goal 12: A coordinated, integration of development around transit stations in order to improve services, access, and economic vitality of the community.	Pursuant to SB 743, the Project Site qualifies as a Transit Oriented Infill Development and is located within a Transit Priority Area. The Proposed Project would provide residential, creative office, and commercial uses that would increase services near transit and promote accessibility and economic vitality of the existing community. As such, the Proposed Project is consistent with this Goal.
Historic and Cultural Amenities	
Objective 14-2: To protect and enhance historic and architectural resources in commercial areas in a manner that will encourage revitalization and investment in these areas.	The Project Site is currently developed with light industrial and warehouse uses and paved surface loading and parking areas. As discussed in Section V, Cultural Resources, no identified significant cultural or historical resources are present on-site. As such, the Proposed Project would not conflict with this Objective.
Policy 14-2.1: Encourage the preservation, maintenance, enhancement and adaptive reuse of existing buildings in commercial areas through the restoration of original facades and the design of new construction which complements the old in a harmonious fashion, enhancing the historic pattern.	As discussed in Section V, Cultural Resources, no cultural or historic resources are identified on-site. Nonetheless, the Proposed Project includes the rehabilitation of a portion of the existing floor area on site, which includes a portion of the 3,521 square foot building located on the southwest corner of the Project Site and approximately 7,963 square feet the light industrial building that fronts Pasadena Avenue. The Proposed Project integrates these existing building into the design in a harmonious fashion. As such, the Proposed Project would be consistent with this Policy.
Economic Development	
Goal 15: The revitalization of a physical environment conducive to increasing and improving economic activity.	The development of the Proposed Project would revitalize the Project Site with new job and retail/restaurant opportunities within a transit priority area. The Proposed Project would further improve the visual character and promote economic and pedestrian activity in the area. The Proposed Project would foster new business and employment opportunities for potential customers and residents, which would help to improve the economy of the surrounding area. As such, the Proposed Project is consistent with this Goal.
Objective 15-1: To improve the visual environment of existing commercial and industrial areas.	The Proposed Project includes the development and rehabilitation of an underutilized industrial/commercial site. The Proposed Project would provide new job and retail/restaurant opportunities with a well-designed, pedestrian-oriented creative campus. As such, the Project is consistent with this Objective.
Source: City of Los Angeles, Department of City Planning, Northeast Los Angeles Community Plan; and Parker Environmental Consultants, February 2016.	

The Northeast Los Angeles Community Plan addresses planning and land use issues and opportunities in various sectors, such as residential, industrial, commercial, transportation, among others. Northeast Los Angeles Community Plan projected a population of 267,973 persons and 76,551 dwelling units by 2010 within the Community Plan area.[34] The 2010 United States Census shows that the Northeast Los Angeles Community Plan area had a population of 237,483 persons and 77,817 dwelling units.[35] The 2010 Census data shows that the actual population within the CPA is lower than anticipated for 2010 and that housing units are above the anticipated capacity for 2010. Nevertheless, as discussed in Section XIII, Population and Housing, the Proposed Project is consistent with SCAG's population and housing growth projections in the 2016-2040 RTP/SCS. Further, the Proposed Project would help promote the City's goal of diversifying the housing stock and adding multi-family housing near alternative transit opportunities and job opportunities.

The Proposed Project would be consistent with the goals, objectives, and policies set forth in the Northeast Los Angeles Community Plan. Therefore, the Proposed Project is consist with the applicable land use and planning policies in the Northeast Los Angeles Community Plan.

As discussed in the preceding paragraphs, the Proposed Project would not conflict with local and regional plans applicable to the Project Site, and any impacts would be mitigated to less than significant levels.

c) Would the project conflict with any applicable habitat conservation plan or natural community conservation plan?

No Impact. A project-related significant adverse impact could occur if the Project Site were located within an area governed by a habitat conservation plan or natural community conservation plan. As discussed in Section 4(f) above, no such plans presently exist which govern any portion of the Project Site. Further, the Project Site is located in a highly urbanized area, and the Project Site is currently fully developed with light manufacturing land uses and paved surface loading and parking areas. Therefore, the Proposed Project would not have the potential to cause such effects.

Cumulative Impacts

No Impact. Development of the three related project's identified in Section II, Project Description, and any new development within the neighboring CASP study is expected to occur in accordance with adopted plans and regulations applicable to each parcel. It should be noted that of the three related project

---

[34] *City of Los Angeles Department of City Planning, Northeast Los Angeles Community Plan, Plan Population and Dwelling Unit Capacity Table.*

[35] *The Northeast Los Angeles Community Plan Area contains the following tracts: 1810, 1813, 1814, 1815, 1816, 1831.01, 1831.03, 1831.04, 1832.2, 1832.21, 1832.22, 1833, 1834.01, 1834.02, 1835.1, 1835.2, 1836.1, 1836.2, 1837.01, 1837.02, 1838.1, 1838.2, 1851, 1852.02, 1852.03, 1852.04, 1853.1, 1853.2, 1861, 1862.01, 1862.02, 1862.03, 1863.01, 1863.02, 1864.01, 1864.03, 1864.04, 1871.01, 1871.02, 1881, 1883, 1990, 1991.1, 1991.2, 1992.01, 1992.02, 1993, 1994, 1997, 1998, 1999, 2011.1, 2.1102, 2012, 2013.01, 2013.02, 2014.01, 2014.02, 2015.01, 2015.03, 2015.04, 2016.01, 2016.02, 2017, 2031, 2033. The population and dwelling units were calculated by summing the individual tracts together. Source: United States Census Bureau, 2010 Census Interactive Population Map, website: http://www.census.gov/2010census/popmap/, accessed September 2014.*

identified, only Related Project No. 3 (located at 211 S Avenue 20) is located within the CASP. Related Project No. 3 consists of an educational campus with a design capacity of 263 high school students and 74 middle school students. It is expected that most of the related projects would be compatible with the zoning and land use designations of each related project site and its existing surrounding uses. The development of the Proposed Project, including the requested entitlement requests would not result in any cumulative land use or zoning impacts. The Proposed Project's land use impacts would not be cumulatively considerable since the Proposed Project would not conflict with applicable local or regional plans. The Proposed Project's land uses are consistent with the existing zoning and General Plan land use designations and would not create any significant land use compatibility conflicts. Therefore, the Proposed Project's land use impacts would be less than cumulatively considerable and would therefore be considered less than significant on a cumulative basis.

XI. MINERAL RESOURCES

a) Would the project result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?

No Impact. A significant impact may occur if a project site is located in an area used or available for extraction of a regionally-important mineral resource, or if the project development would convert an existing or future regionally-important mineral extraction use to another use, or if the project development would affect access to a site used or potentially available for regionally-important mineral resource extraction. According to the *L.A. CEQA Thresholds Guide*, the determination of significance shall be made on a case-by-case basis considering: (a) whether, or the degree to which, the project might result in the permanent loss of, or loss of access to, a mineral resource that is located in a State Mining and Geology Board Mineral Resource Zone MRZ-2 zone or other known or potential mineral resource area, and (b) whether the mineral resource is of regional or statewide significance, or is noted in the Conservation Element as being of local importance. The Project Site is not located within the Los Angeles Downtown Oil Field and Oil Drilling/Surface Mining Supplemental Use District, or an Oil Field/Drilling Area. The Project Site is currently developed with four light manufacturing and warehouse buildings with paved surface loading areas and parking. The Project Site is not currently used for the extraction of mineral resources, and there is no evidence to suggest that the Project Site has been historically used for the extraction of mineral resources.[36] Development of the Project Site would not block or hinder access or availability of mineral resources. Therefore, the development of the Proposed Project would not result in the loss of availability of a known mineral resource, and no impact would occur.

b) Would the project result in the loss of availability of a locally-important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?

No Impact. A significant impact may occur if the Project Site is located in an area used or available for extraction of a regionally-important mineral resource, or if the development would convert an existing or future regionally-important mineral extraction use to another use, or if the development would affect access to a site used or potentially available for regionally-important mineral resource extraction. The Project Site is not currently used for the extraction of mineral resources, and there is no evidence to suggest that the Project Site has historically been used for the extraction of mineral resources. Development of the Project Site would not block or hinder access or availability of locally important mineral resources. Therefore, no impact to locally important mineral resources would occur.

---

[36] *Orswell and Kasman, Inc., Phase I Environmental Site Assessment Update Report, April 28, 2015.*

XII. NOISE

Fundamentals of Noise

Sound is technically described in terms of amplitude (loudness) and frequency (pitch). The standard unit of sound amplitude measurement is the decibel (dB). The decibel scale is a logarithmic scale that describes the physical intensity of the pressure vibrations that make up any sound. The pitch of the sound is related to the frequency of the pressure vibration. Since the human ear is not equally sensitive to a given sound level at all frequencies, a special frequency-dependent rating scale has been devised to relate noise to human sensitivity. The A-weighted decibel scale (dBA) provides this compensation by discriminating against frequencies in a manner approximating the sensitivity of the human ear.

Noise, on the other hand, is typically defined as unwanted sound. A typical noise environment consists of a base of steady "background" noise that is the sum of many distant and indistinguishable noise sources. Superimposed on this background noise is the sound from individual local sources. These can vary from an occasional aircraft or train passing by to virtually continuous noise from, for example, traffic on a major highway.

Several rating scales have been developed to analyze the adverse effect of community noise on people. Since environmental noise fluctuates over time, these scales consider that the effect of noise upon people is largely dependent upon the total acoustical energy content of the noise, as well as the time of day when the noise occurs. Those that are applicable to this analysis are as follows:

- L_{eq} – An L_{eq}, or equivalent energy noise level, is the average acoustic energy content of noise for a stated period of time. Thus, the L_{eq} of a time-varying noise and that of a steady noise are the same if they deliver the same acoustic energy to the ear during exposure. For evaluating community impacts, this rating scale does not vary, regardless of whether the noise occurs during the day or the night.
- L_{max} – The maximum instantaneous noise level experienced during a given period of time.
- L_{min} – The minimum instantaneous noise level experienced during a given period of time.
- CNEL – The Community Noise Equivalent Level is a 24-hour average L_{eq} with a 5 dBA "weighting" during the hours of 7:00 P.M. to 10:00 P.M. and a 10 dBA "weighting" added to noise during the hours of 10:00 P.M. to 7:00 A.M. to account for noise sensitivity in the evening and nighttime, respectively. The logarithmic effect of these additions is that a 60 dBA 24 hour L_{eq} would result in a measurement of 66.7 dBA CNEL.

Noise environments and consequences of human activities are usually well represented by median noise levels during the day, night, or over a 24-hour period. For residential uses, environmental noise levels are generally considered low when the CNEL is below 60 dBA, moderate in the 60–70 dBA range, and high above 70 dBA. Noise levels greater than 85 dBA can cause temporary or permanent hearing loss. Examples of low daytime levels are isolated, natural settings with noise levels as low as 20 dBA and quiet suburban residential streets with noise levels around 40 dBA. Noise levels above 45 dBA at night can disrupt sleep. Examples of moderate level noise environments are urban residential or semi-commercial

areas (typically 55–60 dBA) and commercial locations (typically 60 dBA). People may consider louder environments adverse, but most will accept the higher levels associated with more noisy urban residential or residential-commercial areas (60–75 dBA) or dense urban or industrial areas (65–80 dBA).

It is widely accepted that in the community noise environment the average healthy ear can barely perceive CNEL noise level changes of 3 dBA. CNEL changes from 3 to 5 dBA may be noticed by some individuals who are extremely sensitive to changes in noise. A 5 dBA CNEL increase is readily noticeable, while the human ear perceives a 10 dBA CNEL increase as a doubling of sound.

Noise levels from a particular source generally decline as distance to the receptor increases. Other factors, such as the weather and reflecting or barriers, also help intensify or reduce the noise level at any given location. A commonly used rule of thumb for roadway noise is that for every doubling of distance from the source, the noise level is reduced by about 3 dBA at acoustically "hard" locations (i.e., the area between the noise source and the receptor is nearly complete asphalt, concrete, hard-packed soil, or other solid materials) and 4.5 dBA at acoustically "soft" locations (i.e., the area between the source and receptor is normal earth or has vegetation, including grass). Noise from stationary or point sources is reduced by about 6 to 7.5 dBA for every doubling of distance at acoustically hard and soft locations, respectively. In addition, noise levels are also generally reduced by 1 dBA for each 1,000 feet of distance due to air absorption. Noise levels may also be reduced by intervening structures – generally, a single row of buildings between the receptor and the noise source reduces the noise level by about 5 dBA, while a solid wall or berm reduces noise levels by 5 to 10 dBA. The normal noise attenuation within residential structures with open windows is about 17 dBA, while the noise attenuation with closed windows is about 25 dBA.[37]

Ambient Noise Levels

To assess the existing ambient noise conditions in the area, ambient noise measurements were taken with a Larson Davis 831 sound level meter, which conforms to industry standards set forth in ANSI S1.4-1983 (R2001) - American National Standard Specification for Sound Level Meters. Figure III-1, Noise Monitoring and Sensitive Receptor Location Map, depicts the noise measurement locations fronting the adjacent residential uses as the most likely sensitive receptors to experience noise level increases during construction. The detailed noise monitoring data are presented in the Noise Monitoring Data, included in the case file, and are summarized below in Table III-10, Existing Ambient Daytime Noise Levels in Project Site Vicinity. As shown in Table III-10, the ambient noise in the vicinity of the Project Site ranges from 59.0 to 67.8 L_{eq}. The maximum noise level during the three 15-minute recordings was 83.4 dB L_{max} along Pasadena Avenue, where there was more vehicle activity. The primary noise source at Location 1 contributing to the ambient noise levels was the Metro Gold Line and the railroad crossing alarms associated with the Metrorail. The primary noise sources at Location 2 and 3 were observed to be vehicle traffic during the daytime hours, including delivery trucks and buses. The Project Site is currently

[37] *National Cooperative Highway Research Program Report 117, Highway Noise: A Design Guide for Highway Engineers, 1971.*

operating with light manufacturing facilities, which contributed to some ambient noise during the noise measurements.

Table III-10
Existing Ambient Daytime Noise Levels in Project Site Vicinity

No.	Location	Primary Noise Sources	Noise Level Statistics[a]		
			L_{eq}	L_{min}	L_{max}
1	On the southwest corner of the Project Site, adjacent to the Metro Gold Line railroad	Metro Gold Line, railroad crossing alarms, light vehicle activity, industrial activity	59.0	44.0	80.4
2	On the northwest corner of Pasadena Avenue and W. Avenue 34; the southeast corner of the Project Site	Light vehicle traffic, pedestrian activity, birds in street trees, delivery trucks, fire trucks, garbage truck	65.9	49.0	80.3
3	On the northwest corner of the Project Site along the west side of Pasadena Avenue	Vehicle traffic, buses, pedestrian activity	67.8	49.6	83.4

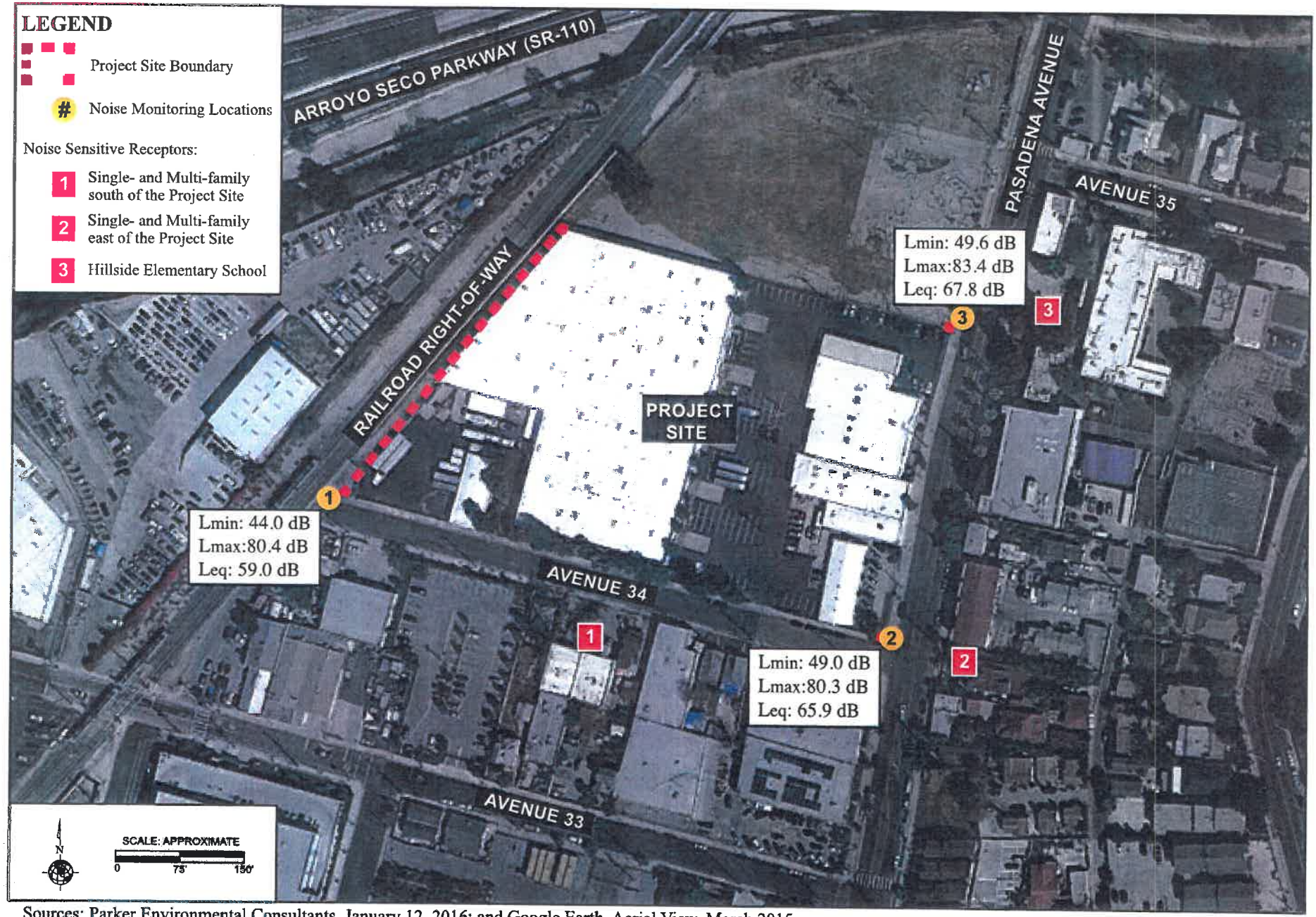
[a] *Noise measurements were taken on Tuesday, January 12, 2016 at each location for a duration of 15 minutes. See case file for noise monitoring data sheets.*

Sensitive Receptors

Several noise sensitive land uses are located adjacent to and in the vicinity of the Proposed Project. For purposes of assessing noise impacts on sensitive populations, the following sensitive receptors in close proximity to the Project Site were identified:

1) Single- and multi-family residences along Avenue 34, located south of the Project Site;
2) Single- and multi-family residences along Pasadena Avenue, located east of the Project Site; and
3) Hillside Elementary School, located at 120 E. Avenue 35, east of the Project Site.

The locations of these land uses relative to the Project Site are depicted in Figure III-1, Noise Monitoring and Sensitive Receptor Location Map. For purposes of assessing construction-generated vibration impacts on building damage, there are no buildings abutting the Project Site or within a close enough proximity to the Project Site to be susceptible to building damage from groundborne vibration during construction.



Sources: Parker Environmental Consultants, January 12, 2016; and Google Earth, Aerial View, March 2015.

PARKER ENVIRONMENTAL CONSULTANTS

Figure III-1
Noise Monitoring and Sensitive Receptor Location Map

a) Would the project result in exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?

Potentially Significant Unless Mitigation Incorporated. A significant impact may occur if the Proposed Project would generate excess noise that would cause the ambient noise environment at the Project Site to exceed noise level standards set forth in the City of Los Angeles General Plan Noise Element (Noise Element) and the City of Los Angeles Noise Ordinance (Noise Ordinance). Implementation of the Proposed Project would result in an increase in ambient noise levels during both construction and operation, as discussed in further detail below.

Construction Noise

Construction-related noise impacts upon adjacent land uses would be significant if, as indicated in LAMC Section 112.05, noise from construction equipment within 500 feet of a residential zone exceeds 75 dBA at a distance of 50 feet from the noise source. However, the above noise limitation does not apply where compliance is technically infeasible. Technically infeasible means that the above noise limitation cannot be complied with despite the use of mufflers, shields, sound barriers and/or any other noise reduction device or techniques during the operation of the equipment. Additionally, as defined in the *L.A. CEQA Thresholds Guide* for construction noise impacts, a significant impact would occur if construction activities lasting more than one day would increase the ambient noise levels by 10 dBA or more at any off-site noise-sensitive location. Furthermore, the *L.A. CEQA Thresholds Guide* also states that construction activities lasting more than ten days in a three-month period, which would increase ambient exterior noise levels by 5 dBA or more at a noise sensitive use, would also normally result in a significant impact.

Construction of the Proposed Project would require the use of heavy equipment for demolition/site clearing, grading and site preparation, the installation of utilities, paving, and building construction. During each construction phase there would be a different mix of equipment operating and noise levels would vary based on the amount of equipment in operation and the location of each activity. The U.S. Environmental Protection Agency (EPA) has compiled data regarding the noise generating characteristics of specific types of construction equipment and typical construction activities. The data pertaining to the types of construction equipment and activities that would occur at the Project Site are presented in Table III-11, Typical Outdoor Construction Noise Levels, at a distance of 50 feet from the noise source (i.e., reference distance).

The noise levels shown in Table III-11 represent composite noise levels with sound attenuating mufflers associated with typical construction activities, which take into account both the number of pieces and spacing of heavy construction equipment that are typically used during each phase of construction. Construction noise during the heavier initial periods of construction could be expected to be 86 dBA L_{eq}

when measured at a reference distance of 50 feet from the center of construction activity.[38] These noise levels would diminish rapidly with distance from the construction site at a rate of approximately 6 dBA per doubling of distance. For example, a noise level of 84 dBA L_{eq} measured at 50 feet from the noise source to the receptor would reduce to 78 dBA L_{eq} at 100 feet from the source to the receptor, and reduce by another 6 dBA L_{eq} to 72 dBA L_{eq} at 200 feet from the source to the receptor. Construction activities associated with the Proposed Project would be expected to generate similar noise levels to those shown in Table III-11, below during the approximate 34-month construction period.

Table III-11
Typical Outdoor Construction Noise Levels

Construction Phase	Noise Levels at 50 Feet with Mufflers (dBA L_{eq})	Noise Levels at 60 Feet with Mufflers (dBA L_{eq})	Noise Levels at 100 Feet with Mufflers (dBA L_{eq})	Noise Levels at 200 Feet with Mufflers (dBA L_{eq})
Ground Clearing	82	80	76	70
Excavation, Grading	86	84	80	74
Foundations	77	75	71	65
Structural	83	81	77	71
Finishing	86	84	80	74

Source: United States Environmental Protection Agency, Noise from Construction Equipment and Operations, Building Equipment and Home Appliances, PB 206717, 1971.

As set forth in the *L.A. CEQA Thresholds Guide*, a significant construction noise impact would occur if construction activities lasting more than one day would increase the ambient noise levels by 10 dBA or more at any off-site noise-sensitive location. Construction activities lasting more than ten days in a three-month period, which would increase ambient exterior noise levels by 5 dBA or more at a noise sensitive use, would also normally result in a significant impact. Since construction activities associated with the proposed development at the Project Site would last for more than ten days in a three-month period, is possible that the Proposed Project could exceed these threshold levels on a temporary and intermittent basis during the construction period. Thus, based on criteria established in the *L.A. CEQA Threshold Guide*, a substantial temporary or periodic increase in ambient noise levels could occur at the identified off-site sensitive receptors.

The City of Los Angeles Building Regulations Ordinance No. 178048 requires a construction site notice to be provided that includes the following information: job site address, permit number, name and phone number of the contractor and owner or owner's agent, hours of construction allowed by code or any discretionary approval for the site, and City telephone numbers where violations can be reported. The notice is required to be posted and maintained at the construction site prior to the start of construction and displayed in a location that is readily visible to the public. Pursuant to LAMC Section 41.40, exterior demolition and construction activities that generate noise are prohibited between the hours of 9:00 P.M. and 7:00 A.M. Monday through Friday, and between 6:00 P.M. and 8:00 A.M. on Saturday. Demolition

[38] *Although the peak noise levels generated by certain construction equipment may be greater than 86 dBA at a distance of 50 feet, the equivalent noise level would be approximately 86 dBA L_{eq} (i.e., the equipment does not operate at the peak noise level over the entire duration).*

and construction are prohibited on Sundays and all federal holidays. The construction activities associated with the Proposed Project would comply with these LAMC requirements. Additionally, Environmental [Q] Condition 10 (Noise) requires additional compliance actions for the purposes of reducing construction noise impacts. Specifically, [Q] Condition 10. (Noise a) requires compliance with Ordinances 144,331 and 161,574 which prohibit the emission or creation of noise beyond certain levels at adjacent uses unless technically unfeasible. Environmental [Q] Condition 10 (Noise b) would further restrict the permissible hours of construction to the hours of 7:00 am to 6:00 pm Monday through Friday, and 8:00 am to 6:00 pm on Saturday. Environmental [Q] Condition 10 (Noise (c) and (d) specify that construction and demolition activities shall be scheduled so as to avoid operating several pieces of equipment simultaneously and require the use of power construction equipment with state-of the art noise shielding and muffling devices. In accordance with LAMC Section 112.05, construction noise levels are considered exempt from the 75 dBA noise threshold if all technically feasible noise attenuation measures are implemented.

Table III-12, below, shows the estimated exterior construction noise for the identified sensitive receptors (See calculations in the case file). Although the estimated construction-related noise levels associated with the Proposed Project would exceed the numerical noise threshold of 75 dBA at 50 feet from the noise source as outlined in the City Noise Ordinance, and the typical construction noise levels associated with the Proposed Project would exceed the existing ambient noise levels at all of the identified off-site sensitive receptors by more than the 5 dBA threshold established by the *L.A. CEQA Thresholds Guide* during all construction phases, implementation of the following mitigation measure would reduce the noise levels associated with construction of the Proposed Project. Implementation of noise control measures such as temporary noise barriers or sound blankets around the noise generating equipment would be capable of attenuating the noise level by approximately 10 dBA. Thus, based on the provisions set forth in LAMC 112.05, implementation of Environmental [Q] Condition 10, and Mitigation Measures MM-N-1 would ensure impacts associated with construction-related noise levels are mitigated to the maximum extent feasible, and temporary construction-related noise impacts would be considered less than significant in accordance with City requirements and standards.

Table III-12
Estimated Exterior Construction Noise at Nearest Sensitive Receptors (Unmitigated)

Receptor	Sensitive Land Use	Distance to Project Site (feet)	Existing Monitored Daytime Ambient Noise Levels (dBA L_{eq})	Estimated Peak Construction Noise Levels (dBA L_{eq})	Noise Level Increase
1	Single- and Multi-Family Residential south of Project Site	80	65.9	81.9	16.0
2	Single- and Multi-Family Residential east of Project Site	85	67.8	81.4	13.6
3	Hillside Elementary School	110	67.8	79.2	11.4

See Figure III-1, Noise Monitoring and Sensitive Receptor Location Map.
Source: Calculations based on Federal Transit Administration, Transit Noise and Vibration Impact Assessment, Final Report, May 2006. It should be noted that the peak noise level increase at the nearby sensitive receptors during project construction represents the highest composite noise level that would be generated periodically during a worst-case construction activity and does not represent continuous noise levels occurring throughout the construction day or period.

Localized construction impacts associated with on-site construction noise and off-site construction-related traffic/hauling activities would have the potential to impact students at Hillside Elementary School. The Proposed Project would provide appropriate construction measures to reduce the Project's impacts upon the nearby school facility. A temporary construction noise barrier with a minimum ¾-inch thick plywood or other sound absorbing material capable of achieving a 10 dBA reduction in sound level will be erected around the Project Site's perimeter, which will reduce noise impacts on the adjacent school. Further, the Project's proposed haul route would be designed to minimize, to the greatest degree possible, hauling impacts adjacent to Hillside Elementary School. The proposed haul route traveling to and from the I-5 Freeway would utilize Pasadena Avenue, Avenue 33, Lacy Street, and Avenue 26. Hauling activity utilizing Pasadena Avenue is closest to the rear side of Hillside Elementary School, which is improved with landscaping, trees and the façade of school structures. The active playground areas for Hillside Elementary are located towards the east of the campus fronting on Griffin Avenue and Avenue 35, which will not be utilized by hauling trucks. Implementation of Mitigation Measure MM-N-1 and Mitigation Measures MM-HAZ-2 and MM-HAZ-3 (See response to Checklist Question VIII(c), above) would reduce construction impacts related to nearby schools to less than significant levels.

Mitigation Measure:

MM-N-1 Increased Noise Levels (Demolition, Grading, and Construction Activities)

- In addition to satisfying the noise-related conditions identified in [Q] Condition 10 of Ordinance No. 179,280, the project contractor shall erect a temporary noise-attenuating sound barrier along the perimeter of the Project Site's southerly and easterly property line to noise construction noise levels at off site properties. The sound wall shall be a minimum of 8 feet in height to block the line of site of construction equipment and off site receptors at the ground level. The sound barrier shall include ¾ inch plywood or other sound absorbing material capable of achieving a 10 dBA reduction in sound level.

Operational Noise

HVAC Equipment Noise

Upon completion and operation of the Proposed Project, on-site operational noise would be generated by heating, ventilation, and air conditioning (HVAC) equipment installed on the new structures. However, the noise levels generated by these equipment types are not anticipated to be substantially greater than those generated by the current HVAC equipment serving the existing buildings on the Project Site and in the Project vicinity. As such, the HVAC equipment associated with the Proposed Project would not represent a new source of noise in the Project Site vicinity. In addition, the operation of this and any other on-site stationary sources of noise would be required to comply with the LAMC Section 112.02, which prohibits noise from air conditioning, refrigeration, heating, pumping, and filtering equipment from exceeding the ambient noise level on the premises of other occupied properties by more than five decibels.

Noise from Mixed Use Commercial and Residential Land Uses

Due to the mixed-use nature of the Proposed Project, noise generated from the operation of proposed office and retail uses have the potential to impact the proposed residential uses. In order to ensure that on-site residences would not be adversely impacted by ambient urban noise levels, Environmental [Q] Condition C.20 shall be implemented to ensure that dwelling units associated with the Proposed Project would be constructed with double-pane glass and use exterior wall construction which provides a Sound Transmission Class of 50 or greater as defined in UBC No. 35-1, 1979 edition or any amendment thereto. With implementation of Environmental [Q] Condition C.20, impacts associated with interior noise levels at the proposed residences would be less than significant.

Environmental [Q] Condition C.20:

> 20. Severe Noise Levels (Residential Only)
>
> All exterior windows having a line of sight to the MTA Gold Line, Figueroa Street, Pasadena Avenue, and the 1-110 (Pasadena) Freeway shall be constructed with double-pane glass and use exterior wall construction which provides a Sound Transmission Class of 50 or greater as defined in UBC No. 35-1, 1979 edition or any amendment thereto. The applicant, as an alternative, may retain an acoustical engineer to submit evidence, along with the application for a building permit, any alternative means of sound insulation sufficient to mitigate interior noise levels below a CNEL of 45 dBA in any habitable room.

b) Would the project result in exposure of persons to or generation of excessive groundborne vibration or groundborne noise levels?

Potentially Significant Unless Mitigation Incorporated. Vibration is sound radiated through the ground. Vibration can result from a source (e.g., subway operations, vehicles, machinery equipment, etc.) causing the adjacent ground to move, thereby creating vibration waves that propagate through the soil to the foundations of nearby buildings. This effect is referred to as groundborne vibration. The peak

particle velocity (PPV) or the root mean square (RMS) velocity is usually used to describe vibration levels. PPV is defined as the maximum instantaneous peak of the vibration level and is typically used for evaluating potential building damage. RMS is defined as the square root of the average of the squared amplitude of the level. RMS velocity in decibels (VdB) is typically more suitable for evaluating human response.

The background vibration velocity level in residential areas is usually around 50 VdB. The vibration velocity level threshold of perception for humans is approximately 65 VdB. A vibration velocity level of 75 VdB is the approximate dividing line between barely perceptible and distinctly perceptible levels for most people. Most perceptible indoor vibration is caused by sources within buildings such as operation of mechanical equipment, movement of people, or the slamming of doors. Typical outdoor sources of perceptible groundborne vibration are construction equipment, steel-wheeled trains, and traffic on rough roads. If a roadway is smooth, the groundborne vibration from traffic is rarely perceptible. The range of interest is from approximately 50 VdB, which is the typical background vibration velocity level, to 100 VdB, which is the general threshold where minor damage can occur in fragile buildings.

Construction

Excavation and earthwork activities for the Proposed Project have the potential to generate low levels of groundborne vibration. The operation of construction equipment generates vibrations that propagate through the ground and diminishes in intensity with distance from the source. Vibration impacts can range from no perceptible effects at the lowest vibration levels, to low rumbling sounds and perceptible vibration at moderate levels, to slight damage of buildings at the highest levels. Thus, construction activities associated with the Proposed Project could have an adverse impact on both sensitive structures (i.e., building damage) and populations (i.e., annoyance).

Table III-13, Vibration Source Levels for Construction Equipment, identifies various PPV and RMS velocity (in VdB) levels for the types of construction equipment that would operate at the Project Site during construction. As shown in Table III-13, vibration velocities could range from 0.003 to 0.089 inch/sec PPV at 25 feet from the source activity, with corresponding vibration levels ranging from 58 VdB to 87 VdB at 25 feet from the source activity, depending on the type of construction equipment in use.

Table III-13
Vibration Source Levels for Construction Equipment

Equipment	Approximate PPV (in/sec)					Approximate RMS (VdB)				
	25 Feet	50 Feet	60 Feet	75 Feet	100 Feet	25 Feet	50 Feet	60 Feet	75 Feet	100 Feet
Large Bulldozer	0.089	0.031	0.024	0.017	0.011	87	78	76	73	69
Caisson Drilling	0.089	0.031	0.024	0.017	0.011	87	78	76	73	69
Loaded Trucks	0.076	0.027	0.020	0.015	0.010	86	77	75	72	68
Jackhammer	0.035	0.012	0.009	0.007	0.004	79	70	68	65	61
Small Bulldozer	0.003	0.001	0.0008	0.0006	0.0004	58	49	47	44	40

Source: Federal Transit Administration, Transit Noise and Vibration Impact Assessment, Final Report, 2006.

Based on the distances of surrounding buildings within the Project vicinity, no buildings are directly abutting the Project Site. The closest buildings are located across Pasadena Avenue and Avenue 34. Therefore, no buildings are susceptible to building damage from construction groundborne vibration. Thus, construction impacts relative to structural damage from groundborne vibration would be considered less than significant.

For purposes of addressing vibration impacts relative to human annoyance, the following analysis relies on the FTA's vibration impact thresholds, which are 80 VdB and above at residences and buildings where people normally sleep (e.g., nearby residences) and 83 VdB and above at institutional buildings, which includes schools and churches. No thresholds have been adopted or recommended for commercial and office uses.

Residents in the three sensitive receptors previously identified in this section could be exposed to increased vibration levels on a temporary and intermittent basis during the construction period. As shown in Table III-14, Estimated Vibration Levels at Nearest Sensitive Receptors, none of the sensitive receptors would experience vibration levels above the thresholds adopted from the FTA. Furthermore, implementation of the measures identified under Mitigation Measure MM-N-1 would serve to ensure construction related vibration levels to the maximum extent feasible, and thus would further ensure the annoyance factor to an acceptable level. Additionally, in accordance with Environmental [Q] Condition C.10(b), all construction activity would be restricted to the hours of 7:00 A.M. to 6:00 P.M. Monday through Friday, and 8:00 A.M. to 6:00 P.M. on Saturday. Because any vibration level increases experienced at the residential uses in close proximity to the Project Site would occur during the acceptable time periods for construction activities, and would only occur on a temporary and intermittent basis during the construction period, impacts associated with groundborne vibration would be less than significant level.

Table III-14
Estimated Vibration Levels at Nearest Sensitive Receptors (Unmitigated)

Receptor	Sensitive Land Use	Distance to Project Site (feet)	Estimated Vibration Levels (VdB)	Vibration Threshold (VdB)	Significant Impact?
1	Single- and Multi-Family Residential south of Project Site	80	71.9	80	No
2	Single- and Multi-Family Residential east of Project Site	85	71.1	80	No
3	Hillside Elementary School	110	67.7	83	No

See Figure 1, Noise Measurement and Sensitive Receptor Location Map.
Notes: It should be noted that the peak noise level increase at the nearby sensitive receptors during project construction represents the highest composite noise level that would be generated periodically during a worst-case construction activity and does not represent continuous noise levels occurring throughout the construction day or period.
Source: Calculations based on Federal Transit Administration, Transit Noise and Vibration Impact Assessment, Final Report, May 2006.

With respect to temporary hauling activities during construction, the Project Site is located in a Commercial Manufacturing zone which experiences heavy truck traffic on a daily basis. As noted in the Traffic Study, the existing warehouse and light industrial land uses generate approximately 440 trips per day, which are mostly heavy trucks. The hauling activities with soil export and demolition and construction debris removal would thus not generate a significant change in the heavy vehicle traffic that already occurs in the immediate project vicinity on a daily basis. Thus vibration impacts from hauling and construction traffic would be less than significant.

Operation

The Proposed Project is a mixed-use development and would not involve the use of stationary equipment that would result in high vibration levels. Although groundborne vibration at the Project Site and immediate vicinity may currently result from heavy-duty vehicular travel (e.g., refuse trucks and transit buses) on W. Avenue 34 and Pasadena Avenue, the proposed land uses would not result in a substantial increased in the use of these heavy-duty vehicles on the public roadways. While refuse trucks would be used for the removal of solid waste at the Project Site, these trips would typically only occur once a week and would not be any different than those presently occurring in the vicinity of the Project Site. As such, vibration impacts associated with operation of the Proposed Project would be less than significant.

c) Would the project result in a substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project?

Potentially Significant Unless Mitigation Incorporated. A significant impact may occur if the Proposed Project were to result in a substantial permanent increase in ambient noise levels above existing ambient noise levels without the Proposed Project. As defined in the *L.A. CEQA Thresholds Guide* for operational noise impacts, a project would normally have a significant impact on noise levels from Proposed Project operations if the Proposed Project causes the ambient noise level measured at the property line of affected uses that are shown in Table III-15, Community Noise Exposure (CNEL), to increase by 3 dBA in CNEL to or within the "normally unacceptable" or "clearly unacceptable" category, or any 5 dBA or greater noise increase. Thus, a significant impact would occur if noise levels associated with operation of the Proposed Project would increase the ambient noise levels by 3 dBA CNEL at homes where the resulting noise level would be at least 70 dBA CNEL. In addition, any long-term increase of 5 dBA CNEL or more is considered to cause a significant impact. Generally, in order to achieve a 3 dBA CNEL increase in ambient noise from traffic, the volume on any given roadway would need to double. In addition to analyzing potential impacts in terms of CNEL, the analysis also addresses increases in on-site noise sources per the provisions of the LAMC, which establishes a L_{eq} standard of 5 dBA over ambient conditions as constituting a LAMC violation.

Table III-15
Community Noise Exposure (CNEL)

Land Use	Normally Acceptable[a]	Conditionally Acceptable[b]	Normally Unacceptable[c]	Clearly Unacceptable[d]
Single-family, Duplex, Mobile Homes	50 - 60	55 - 70	70 - 75	above 75
Multi-Family Homes	50 - 65	60 - 70	70 - 75	above 75
Schools, Libraries, Churches,	50 - 70	60 - 70	70 - 80	above 80

Hospitals, Nursing Homes				
Transient Lodging – Motels, Hotels	50 - 65	60 - 70	70 - 80	above 75
Auditoriums, Concert Halls, Amphitheaters	---	50 - 70	---	above 70
Sports Arena, Outdoor Spectator Sports	---	50 - 75	---	above 75
Playgrounds, Neighborhood Parks	50 - 70	---	67 - 75	above 75
Golf Courses, Riding Stables, Water Recreation, Cemeteries	50 - 75	---	70 - 80	above 80
Office Buildings, Business and Professional Commercial	50 - 70	67 - 77	above 75	---
Industrial, Manufacturing, Utilities, Agriculture	50 - 75	70 - 80	above 75	---

[a] *Normally Acceptable: Specified land use is satisfactory, based upon the assumption that any buildings involved are of normal conventional construction without any special noise insulation requirements.*

[b] *Conditionally Acceptable: New construction or development should be undertaken only after a detailed analysis of the noise reduction requirements is made and needed noise insulation features included in the design. Conventional construction, but with closed windows and fresh air supply systems or air conditioning will normally suffice.*

[c] *Normally Unacceptable: New construction or development should generally be discouraged. If new construction or development does proceed, a detailed analysis of the noise reduction requirements must be made and needed noise insulation features included in the design.*

[d] *Clearly Unacceptable: New construction or development should generally not be undertaken.*

Source: Office of Planning and Research, State of California General Plan Guidelines, October 2003 (in coordination with the California Department of Health Services); City of Los Angeles, General Plan Noise Element, adopted February 1999.

Operational Noise

Traffic Noise

In order for a new noise source to be audible, there would need to be a 3 dBA or greater CNEL noise increase. According to the *L.A. CEQA Thresholds Guide*, if a project would result in traffic that is less than double the existing traffic, then the Proposed Project's mobile noise impacts can be assumed to be less than significant. The existing traffic volumes would need to double with the development of a project in order for traffic noise to increase by 3 dBA CNEL. The Proposed Project would increase traffic volumes on the surrounding roadways, which in turn has the potential to increase roadway noise. According to the Traffic Study, prepared by Crain & Associates, the proposed development would result in a higher vehicle trips compared to the existing trips generated from the Project Site. The proposed development would result in 2,128 daily vehicle trips, including 161 AM peak hour trips and 199 PM peak hour trips. The Proposed Project would not have the potential to double the traffic volumes on any of the surrounding intersections within the Project vicinity. As such, the Proposed Project would not have the potential to double the existing traffic volumes or increase roadway noise levels by 3 dBA, and thus traffic generated noise impacts would be considered less than significant. Moreover, as discussed in Section XVI, Transportation and Traffic, the Traffic Study analyzed a larger project than what is currently proposed as part of the Proposed Project, and as such, the traffic trips are conservative. For this reason, traffic noise generated by the Proposed Project is also conservative.

Furthermore, to quantify the Proposed Project's mobile noise impacts, traffic noise was modeled using the California Department of Transportation, Technical Noise Supplement (2009). Traffic noise was modeled under the Existing (2015) "No Project" scenario and "Existing (2015) with Project" scenarios to determine the environmental baseline and Project impact, respectively. The changes in future noise levels associated with the Proposed Project are estimated using the traffic volumes in the studied intersections in the Project vicinity. The estimated noise levels from increased traffic is based on a worst-case scenario and uses the traffic volumes prior to the implementation of the Traffic Demand Management Plan, which would reduce vehicle trips in the Project area. Table III-16, displays the estimated noise levels from increase traffic volumes in the surrounding intersections due to the Proposed Project. As shown, the Proposed Project would increase local noise levels by a maximum of 0.29 dBA CNEL at the intersection of Pasadena Avenue and Avenue 28 during the PM peak hour, which would be inaudible/imperceptible to most people and would not exceed the thresholds of significance. The remaining street intersections analyzed would all experience a 0.23 dBA CNEL increase or less. Thus, the Proposed Project's mobile noise impacts would not exceed the 3 dBA CNEL threshold, set forth in the *L.A. CEQA Thresholds Guide*, and the Proposed Project's mobile source noise impact would be less than significant.

Table III-16
Projected Intersection Noise Impacts

Street Intersection	Peak Hour	Noise Levels in dBA CNEL			
		Existing (2015) Without Project Traffic Volumes	Existing (2015) with Project Traffic Volumes	Increase	Significant Impact?
1. Figueroa St. and Pasadena Ave. / Marmion Way	AM	67.80	67.83	0.03	No
	PM	67.80	67.84	0.04	No
2. Figueroa St. and Avenue 26	AM	67.80	67.86	0.06	No
	PM	67.80	67.88	0.08	No
3. Figueroa St. and SR-110 Fwy. NB Off-Ramp/ SB On-Ramp	AM	67.80	67.87	0.07	No
	PM	67.80	67.91	0.11	No
4. I-5 Fwy. NB Off-Ramp / Lacy St. and Avenue 26	AM	67.80	67.98	0.18	No
	PM	67.80	68.01	0.21	No
5. Pasadena Ave. and Avenue 35	AM	67.80	67.93	0.13	No
	PM	67.80	67.95	0.15	No
6. Pasadena Ave. and Avenue 33	AM	67.80	67.94	0.14	No
	PM	67.80	68.03	0.23	No
7. Pasadena Ave. and Avenue 28	AM	67.80	68.00	0.20	No
	PM	67.80	68.09	0.29	No
8. Pasadena Ave./ Avenue 26 and Daly St.	AM	67.80	67.89	0.09	No
	PM	67.80	67.89	0.09	No
9. Pasadena Ave. and I-5 Fwy. NB On/Off Ramp	AM	67.80	67.87	0.07	No
	PM	67.80	67.87	0.07	No
10. Pasadena Ave. and I-5 Fwy. SB On/Off Ramp	AM	67.80	67.85	0.05	No
	PM	67.80	67.86	0.06	No

Source: Calculations based on the California Department of Transportation (Caltrans), Technical Noise Supplement (Nov. 2009) formula for adding and subtracting equal sound pressure levels. Traffic volumes are based on the Project Traffic Study prepared by Crain & Associates, dated December 2015.

Stationary Noise Sources

New stationary sources of noise, such as mechanical HVAC equipment would be installed for the proposed residences at the Project Site. As discussed in Question XI(a) above, the design of this equipment would be required to comply with LAMC Section 112.02, which prohibits noise from air conditioning, refrigeration, heating, pumping, and filtering equipment from exceeding the ambient noise level on the premises of other occupied properties by more than five decibels. Thus, because the noise levels generated by the HVAC equipment serving the Proposed Project would not be allowed to exceed the ambient noise level by five decibels on the premises of the adjacent properties, a substantial permanent increase in noise levels would not occur at the nearby sensitive receptors. This impact would be less than significant.

Parking Noise

Activities within the designated subterranean parking structure areas associated with the Proposed Project would have the potential to increase ambient noise levels in the area. Sources of noise within the parking areas would include engines accelerating, doors slamming, car alarms, and people talking. Noise levels within the parking areas would fluctuate with the amount of automobile and human activity. Noise levels would be highest in the early morning and evening when the largest number of people would enter and exit the Project Site. However, any parking noise that may be audible from outside of the parking areas would be substantially similar to the existing noise generated at the surface parking areas on the Project Site. In addition, operational-related noise generated by motor driven vehicles within the Project Site is regulated under the LAMC. Specifically, with regard to motor driven vehicles, LAMC Section 114.02 prohibits the operation of any motor driven vehicles upon any property within the City such that the created noise would cause the noise level on the premises of any occupied residential property to exceed the ambient noise level by more than 5 dBA. Implementation of Mitigation Measure N-2, which pertains to the design of parking structure ramps, would further reduce the noise associated with the enclosed subterranean parking garage to less than significant levels.

Mitigation Measure:

MM-N-2 Increased Noise Levels (Parking Structure Ramps)

- Concrete, not metal, shall be used for construction of parking ramps.
- The interior ramps shall be textured to prevent tire squeal at turning areas.

d) Would the project result in a substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project?

Potentially Significant Unless Mitigation Incorporated. A significant impact may occur if the Proposed Project were to result in a substantial temporary or periodic increase in ambient noise levels above existing ambient noise levels without the Proposed Project. As defined in the *L.A. CEQA Thresholds Guide* threshold for construction noise impacts, a significant impact would occur if construction activities lasting more than one day would increase the ambient noise levels by 10 dBA or more at any off-site noise-sensitive location. In addition, the *L.A. CEQA Thresholds Guide* also states that construction activities lasting more than ten days in a three-month period, which would increase ambient exterior noise levels by 5 dBA or more at a noise sensitive use, would also normally result in a significant impact.

As discussed above, impacts are expected to be reduced to less than significant levels for construction noise and vibration, and operational noise and vibration. Implementation of Mitigation Measure MM-N-1 and Environmental [Q] Conditions 10, Noise (a) through (e), would ensure the Proposed Project would ensure all reasonably prudent and feasible measures are taken to reduce the Project's temporary or periodic construction noise impacts. As such, the Proposed Project would be consistent with the LAMC and Noise Element of the General Plan, and as such, construction noise impacts would be less than significant.

e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?

No Impact. A significant impact may occur if the Proposed Project were located within an airport land use plan and would introduce substantial new sources of noise or substantially add to existing sources of noise within or in the vicinity of the Project Site. There are no airports within a two-mile radius of the Project Site, and the Project Site is not within any airport land use plan or airport hazard zone. The Proposed Project would not expose people to excessive noise levels associated with airport uses. No impact would occur.

f) For a project within the vicinity of a private airstrip, would the project expose people residing or working in the project area to excessive noise levels?

No Impact. This question would apply to a project only if it were in the vicinity of a private airstrip and would subject area residents and workers to a safety hazard. The Project Site is not located in the vicinity of a private airstrip. As no such facilities are located in the vicinity of the Project Site, no impact would occur.

Cumulative Impacts

Less Than Significant Impact. Development of the Proposed Project in conjunction with the three related projects identified in Section II, Project Description, would result in an increase in construction-related and traffic-related noise as well as on-site stationary noise sources in the already urbanized area of the City of Los Angeles. The Project Applicant has no control over the timing or sequencing of the related projects that have been identified within the Proposed Project study area. Therefore, any quantitative analysis that assumes multiple, concurrent construction projects would be speculative. Construction-period noise for the Proposed Project and each related project (that has not yet been built) would be localized. In addition, each of the related projects would be required to comply with the City's noise ordinance, as well as mitigation measures that may be prescribed pursuant to CEQA provisions that require potentially significant impacts to be reduced to the extent feasible.

With respect to cumulative traffic noise impacts, it should be noted that the Proposed Project's mobile source vehicular noise impacts are based on the predicted traffic volumes as presented in the Project Traffic Study. Thus, the future predicted noise levels include the traffic volumes from the Proposed Project and future traffic levels associated with ambient growth and the related projects, as shown in Table III-17, Cumulative Intersection Noise Impacts. The highest increase in local noise levels shows a maximum of 0.53 dBA CNEL at the intersection of Pasadena Avenue and Avenue 28 during the PM peak hour which would be inaudible to most people. This maximum noise increase would not exceed the 3 dBA CNEL threshold of significance. As such, the Proposed Project's noise volumes would not be cumulatively considerable. Thus, the cumulative impact associated with construction noise would be less than significant.

Table III-17
Cumulative Intersection Noise Impacts

Street Intersection	Peak Hour	Noise Levels in dBA CNEL			
		Existing (2015) Without Project Traffic Volumes	Future (2020) with Project Traffic Volumes	Increase	Significant Impact?
1. Figueroa St. and Pasadena Ave. / Marmion Way	AM	67.80	68.08	0.28	No
	PM	67.80	68.09	0.29	No
2. Figueroa St. and Avenue 26	AM	67.80	68.13	0.33	No
	PM	67.80	68.19	0.39	No
3. Figueroa St. and SR-110 Fwy. NB Off-Ramp/ SB On-Ramp	AM	67.80	68.11	0.31	No
	PM	67.80	68.16	0.36	No
4. I-5 Fwy. NB Off-Ramp / Lacy St. and Avenue 26	AM	67.80	68.26	0.46	No
	PM	67.80	68.30	0.50	No
5. Pasadena Ave. and Avenue 35	AM	67.80	68.19	0.39	No
	PM	67.80	68.19	0.39	No
6. Pasadena Ave. and Avenue 33	AM	67.80	68.20	0.40	No
	PM	67.80	68.27	0.47	No
7. Pasadena Ave. and Avenue 28	AM	67.80	68.27	0.47	No
	PM	67.80	68.33	0.53	No
8. Pasadena Ave./ Avenue 26 and Daly St.	AM	67.80	68.18	0.38	No
	PM	67.80	68.18	0.38	No
9. Pasadena Ave. and I-5 Fwy. NB On/Off Ramp	AM	67.80	68.10	0.30	No
	PM	67.80	68.14	0.34	No
10. 10. Pasadena Ave. and I-5 Fwy. SB On/Off Ramp	AM	67.80	68.13	0.33	No
	PM	67.80	68.10	0.30	No

Source: Calculations based on the California Department of Transportation (Caltrans), Technical Noise Supplement (Nov. 2009) formula for adding and subtracting equal sound pressure levels. Traffic volumes are based on the Project Traffic Study prepared by Crain & Associates, dated December 2015.

XIII. POPULATION AND HOUSING

a) Would the project induce substantial population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?

Less Than Significant Impact. A significant impact may occur if the proposed project would locate new development such as homes, businesses, or infrastructure, with the effect of substantially inducing growth in the proposed area that would otherwise not have occurred as rapidly or in as great a magnitude. Based on the *L.A. CEQA Thresholds Guide*, the determination of whether the project results in a significant impact on population and housing growth shall be made considering: (a) the degree to which a project would cause growth (i.e., new housing or employment generators) or accelerate development in an undeveloped area that exceeds projected/planned levels for the year of project occupancy/buildout, and that would result in an adverse physical change in the environment; (b) whether the project would

introduce unplanned infrastructure that was not previously evaluated in the adopted Community Plan or General Plan; and (c) the extent to which growth would occur without implementation of the project.

In October 2008, SCAG approved and adopted the "2008 Regional Comprehensive Plan for the SCAG Region – Helping Communities Achieve A Sustainable Future" (2008 RCP). The 2008 RCP is a long-term comprehensive plan that provides a strategic vision for handling the region's land use, housing, economic, transportation, environmental, and overall quality of life needs. The 2008 RCP is intended to serve as an advisory document for local agencies in the SCAG region. The following vision statement and guiding principles are based on the region's adopted Compass Growth Vision Principles for Sustaining a Livable Region. These statements further articulate how the RCP can promote and sustain the region's mobility, livability, and prosperity for future generations.

RCP Vision

To foster a Southern California region that addresses future needs while recognizing the interrelationship between economic prosperity, natural resource sustainability, and quality of life. Through measured performance and tangible outcomes, the RCP serves as both a voluntary action plan with short-term guidance and strategic, long-term initiatives that are guided by the following Guiding Principles for sustaining a livable region.

RCP Guiding Principles

- *Improve mobility for all residents.* Improve the efficiency of the transportation system by strategically adding new travel choices to enhance system connectivity in concert with land use decisions and environmental objectives.

- *Foster livability in all communities.* Foster safe, healthy, walkable communities with diverse services, strong civic participation, affordable housing and equal distribution of environmental benefits.

- *Enable prosperity for all people.* Promote economic vitality and new economies by providing housing, education, and job training opportunities for all people.

- *Promote sustainability for future generations.* Promote a region where quality of life and economic prosperity for future generations are supported by the sustainable use of natural resources.

SCAG's Compass Growth Vision Strategy

SCAG's Compass Growth Vision, adopted in 2004, and incorporated into the 2008 RCP, encourages better relationships between housing, transportation, and employment. The Growth Vision is driven by four key principles: (1) Mobility – Getting where we want to go, (2) Livability – Creating positive communities, (3) Prosperity – Long-term health for the region, and (4) Sustainability – Preserving natural surroundings. Additionally, the Compass Growth Vision incorporates a 2% Growth Strategy that will increase the region's mobility by:

- Putting new employment centers and new neighborhoods near major transit systems so that people can have transportation choices other than their cars.
- Designing safe, attractive transit centers and plazas that people enjoy using.
- Creating mini-communities around transit stations, with small businesses, urban housing and restaurants all within an easy walk.

Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS)

On April 2016, SCAG's Regional Council adopted the 2016-2040 Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS): A Plan for Mobility, Accessibility, Sustainability, and a High Quality of Life. The RTP/SCS is the culmination of a multi-year effort involving stakeholders from across the SCAG Region. The 2016-2040 RTP/SCS balances the Southern California region's future mobility and housing needs with economic, environmental, and public health goals.

Based on the regional growth projections in the 2016-2040 RTP/SCS, in 2012, the City of Los Angeles had an estimated permanent population of approximately 3,845,500 persons, approximately 1,325,500 residences, and 1,696,400 jobs. By the year 2040, SCAG forecasts the City of Los Angeles will increase to 4,609,400 persons (or a 20 percent increase from the year 2012) with approximately 1,690,300 residences (or an 28 percent increase from the year 2012) and approximately 2,169,100 jobs (or an approximate 28 percent increase from year 2012). SCAG's population, housing and employment projections for the City of Los Angeles, Los Angeles County, and the SCAG region as a whole for 2012 and 2040 are further summarized in Table III-18, below.

Table III-18
SCAG Population and Housing Projections for the City of Los Angeles, Los Angeles County and the SCAG Region

Population			
	2012	2040	%Growth (2012-2040)
Los Angeles City [a]	3,845,500	4,609,400	20%
Los Angeles County [b]	9,923,000	11,514,000	16%
SCAG Region [b]	18,322,000	22,138,000	21%
Households			
	2012	2040	%Growth (2012-2040)
Los Angeles City [a]	1,325,500	1,690,300	28%
Los Angeles County [b]	3,257,000	3,946,000	21%
SCAG Region [b]	5,885,000	7,412,000	26%
Employment			
	2012	2040	%Growth (2012-2040)
Los Angeles City [a]	1,696,400	2,169,100	28%
Los Angeles County [b]	4,246,000	5,226,000	23%
SCAG Region [b]	7,440,000	9,872,000	33%

Notes:
[a] *SCAG, 2016-2040 RTP/SCS Growth Forecast, Demographics and Growth Forecast Appendix, adopted April 2016.*
[b] *SCAG, 2016-2040 RTP/SCS Growth Forecast, adopted April 2016.*

On a policy level, the Proposed Project is consistent with the goals and strategies of the RCP and the Compass Growth Vision Strategy discussed above, as the Proposed Project would revitalize an underutilized, fully developed property in an existing industrial and commercial area. The Proposed Project is an infill development Project within the Northeast Los Angeles Community Plan Area within the City of Los Angeles. Further, the Project Site is located within a Transit Priority Area. With respect to regional growth forecasts, SCAG forecasts the City of Los Angeles Subregion will experience a population increase to 4.6 million persons by 2040. The U.S. Census Bureau reported the City of Los Angeles as having a population of 3,792,621 persons and 1,413,995 housing units in 2010.[39] As shown in Table III-18, SCAG Population and Housing Projections for the City of Los Angeles, Los Angeles County and the SCAG Region, the forecast from 2012 through 2040 envisions growth of 763,900 additional persons, yielding an approximate 20% growth rate. The number of households is anticipated to increase by 364,800 households, or approximately 28% between 2012 and 2040. The number of employment opportunities is anticipated to increase by 472,700 jobs, or approximately 28% between 2012 and 2040.

Based on the community's current household demographics (e.g., an average of 3.27 persons per multi-family household for the Northeast Los Angeles area), the construction of up to 372 multi-family dwelling units would result in an increase of approximately 1,216 net permanent residents in the City of

[39] *U.S. Census Bureau: State and County QuickFacts. Data derived from Population Estimates, American Community Survey, Census of Population and Housing, County Business Patterns, Economic Census, Survey of Business Owners, Building Permits, Census of Governments, Last Revised: Wednesday, 2-Dec-2015.*

Los Angeles.[40] Further, the Project includes approximately 30,000 square feet of creative office space and 10,000 square feet of retail space. The Proposed Project would generate the need of approximately 149 employees.[41] The employees generated by the Proposed Project would be consistent with the anticipated increase of jobs within the City of Los Angeles between 2012 and 2040.

According to the Department of City Planning, Northeast Los Angeles Community Plan anticipated a 2010 population capacity of 267,973 persons and 76,551 housing units within the CPA.[42] According to the 2010 United States Census data, the actual population and housing units within the CPA were approximately 237,483 persons and 77,817 housing units.[43] The comparison of the Community Plan's projected housing and population numbers and the Census' actual housing and population numbers, show that the CPA has a remaining growth capacity of approximately 30,490 persons to meet 2010 forecasts. Additionally, the data shows that the CPA currently has more housing units than projected by the Community Plan. The population generated by the Proposed Project would be within the planned capacity for the CPA, and the Project's housing units would add to the area's housing units that are currently over the planned capacity. Nevertheless, the proposed increase in housing units and population would be consistent with the SCAG forecast of 364,800 additional households and approximately 763,900 persons in the City of Los Angeles between 2012 and 2040. Additionally, the Project's 372 housing units would support the City's goal of addressing the housing crisis and diversifying the housing mix within the City. The Proposed Project would reserve 31 dwelling units as very low income units. As such, the Proposed Project would not cause growth (i.e., new housing or employment generators) or accelerate development in an undeveloped area that exceeds projected/planned levels for the year of Proposed Project occupancy/buildout or that would result in an adverse physical change in the environment. The Project would not introduce unplanned infrastructure that was not previously evaluated in the adopted Community Plan or General Plan.

b) Would the project displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere?

No Impact. A significant impact may occur if the Proposed Project would result in the displacement of existing housing units, necessitating the construction of replacement housing elsewhere. The Proposed Project would consist of the development of new housing and commercial land uses on a site that is currently occupied by four light manufacturing buildings and paved surface loading and parking areas. As such, the Proposed Project would not displace any existing housing. The proposed residential, creative office, and retail/restaurant land uses are consistent with the allowable uses as permitted by the zoning and General Plan land use designations. Therefore, no impact would occur.

---

[40] *Los Angeles Department of City Planning Demographic Research Unit, City of Los Angeles: 2009 Population Estimate Population by Housing Type, Northeast Los Angeles Community Plan Area, website: http://cityplanning.lacity.org/DRU/Locl/LocFrame.cfm?geo=CP&loc=NLA&sgo=ct&rpt=PnH&yrx=Y09, accessed February 2016.*

[41] *United States Green Building Council, Building Area Per Employee by Business Type, May 13, 2008.*

[42] *City of Los Angeles Department of City Planning, Northeast Los Angeles Community Plan, June 15, 1999.*

[43] *United States Census Bureau, United States Census 2010, website: http://www.census.gov/2010census/popmap/ipmtext.php, accessed September 2014.*

c) Would the project displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?

No Impact. The Proposed Project would consist of the development of a new housing and commercial land uses on a site that is currently occupied by four light manufacturing buildings and paved surface loading and parking areas. No displacement of existing housing would occur with the development of the Proposed Project. Therefore, no impact would occur.

Cumulative Impacts

Less Than Significant Impact. The related projects would introduce additional residential, medical office, retail, and educational uses to the City of Los Angeles. Any residential related projects would result in direct population growth in the City of Los Angeles, and related project including commercial or educational uses can result in indirect population growth. As shown in Table III-19, the Proposed Project and related projects that involve residential developments would cumulatively contribute 826 new residential dwelling units to the Northeast Los Angeles Community Plan area, generating approximately 2,701 new residents. The cumulative growth generated by the Proposed Project and related projects would be within SCAG's RTP/SCS growth projections for the City of Los Angeles and SCAG region.

As discussed in Question XIII(a), the Proposed Project would not exceed the growth projections of SCAG's RTP/SCS for the City of Los Angeles subregion. Furthermore, the Proposed Project is the type of project encouraged by SCAG and City policies, as the Project would promote and help accommodate growth in urban centers that are close to existing employment opportunities. Because the Proposed Project would not displace any residents, and population growth potentially associated with the Proposed Project has already been anticipated per SCAG projections, the Proposed Project's population growth would not be cumulatively considerable. Therefore, the Proposed Project's cumulative impacts to population and housing would be less than significant.

Table III-19
Projected Cumulative Housing Units

Related Projects (By Housing Type)	Total Housing Units	Total Residents [a]
Apartments/Condominiums [b]	454	1,485
Related Projects Total:	*454*	*1,485*
Proposed Project Net Total:	*372*	*1,216*
Cumulative Total:	**826**	**2,701**

Notes:
[a] *Apartment/Condominiums result in direct population growth.*
[b] *Based on a generation rate of 3.27 residents per dwelling unit. Los Angeles Department of City Planning Demographic Research Unit, City of Los Angeles: 2009 Population Estimate Population by Housing Type, Northeast Los Angeles Community Plan Area, website: http://cityplanning.lacity.org/DRU/Locl/LocFrame.cfm?geo=CP&loc=NLA&sgo=ct&rpt=PnH&yrx=Y09, accessed February 2016.*
Source: Parker Environmental Consultants, 2016.

XIV. PUBLIC SERVICES

a) Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered government facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objective for any of the following public services:

(i) Fire protection?

Less Than Significant Impact.

Construction

Construction of the Proposed Project would increase the potential for accidental on-site fires from the operation of construction equipment and the use of flammable construction materials. The implementation of best management practices (BMPs) for the operation of mechanical equipment and the use of flammable construction materials by construction contractors and work crews would minimize fire hazards associated with the construction of the Proposed Project. The BMPs that would be implemented during construction of the Project would include: keeping mechanical equipment in good operating condition, and as required by law, carefully storing flammable materials in appropriate containers, and the immediate and complete cleanup of spills of flammable materials when they occur.

Construction activities also have the potential to affect fire protection services, such as emergency vehicle response times, by adding construction traffic to the street network and potentially requiring partial lane closures during street improvements and utility installations. Thus, construction could have the potential to adversely affect fire access. However, these impacts are considered to be less than significant because emergency access would be maintained to the Project Site during construction through marked emergency access points approved by the LAFD, construction impacts are temporary in nature and do not cause

lasting effects, and no complete lane closures are anticipated. Additionally, if any partial street closures are required, flagmen would be used to facilitate the traffic flow until construction is complete.

Operation

Based on the *L.A. CEQA Thresholds Guide*, a project would normally have a significant impact on fire protection if it requires the addition of a new fire station or the expansion, consolidation or relocation of an existing facility to maintain service. Section 15382 of the CEQA guidelines defines "significant effect on the environment" as "a substantial, or potentially substantial, adverse change in any of the physical conditions within the area affected by the project including land, air, water, minerals, flora, fauna, ambient noise, and objects of historic or aesthetic significance. An economic or social change by itself shall not be considered a significant effect on the environment. A social or economic change related to a physical change may be considered in determining whether the physical change is significant." Thus, the addition of a new fire station or the expansion, consolidation or relocation of an existing facility to maintain service would only be considered significant if such activities result in a physical adverse impact upon the environment.

The City of Los Angeles Fire Department (LAFD) considers fire protection services for a project adequate if a project is within the maximum response distance for the land use proposed. Pursuant to Section 57.09.07A of the LAMC, the maximum response distance between residential land uses and a LAFD fire station that houses an engine or truck company is 1.5 miles. If the distance is exceeded, all structures located in the applicable residential or commercial area would be required to install automatic fire sprinkler systems. With such systems installed, fire protection would be considered adequate even if the Proposed Project is located beyond the maximum response distance.

The Proposed Project would include up to 372 dwelling units, 30,000 square feet of office space, and up to 10,000 square feet of retail/restaurant uses. The proposed land uses would generate approximately 1,216 new residents and 149 employees.[44] The Proposed Project would increase the utilization of the Project Site, which is currently used as manufacturing warehouses, and would potentially increase the demand for LAFD services. The Project Site is served by LAFD Station No. 1, located at 2230 Pasadena Avenue, which is approximately 0.7 mile south of the Project Site. Based on the response distance criteria specified in LAMC 57.09.07A and the relatively short distance from Fire Station No. 1 to the Project Site, fire protection response would be considered adequate. Compliance with Environmental [Q] Condition C.21, Public Services (Fire), would ensure impacts upon fire services are reduced to less than significant levels.

Cumulative Impacts

Less Than Significant Impact. The Proposed Project, in combination with the three related projects, could increase the demand for fire protection services in the Project area. Specifically, there could be increased demands for additional LAFD staffing, equipment, and facilities over time. This need would be

[44] *A residential generation rate of 3.27 used. Employee rate of 228 square feet per office employee and 588 square feet per neighborhood retail employee used.*

funded via existing mechanisms (e.g., property taxes, government funding, and developer fees) to which the Proposed Project and related projects would contribute. Similar to the Proposed Project, each of the related projects would be individually subject to LAFD review and would be required to comply with all applicable fire safety requirements of the LAFD in order to adequately mitigate fire protection impacts. Specifically, any related project that exceeded the applicable response distance standards described above would be required to install automatic fire sprinkler systems in order to mitigate the additional response distance. To the extent cumulative development causes the need for additional fire stations to be built throughout the City, the development of such stations would be on small infill lots within existing developed areas and would not likely cause a significant impact upon the environment. Nevertheless, the siting and development of any new fire stations would be subject to further CEQA review and evaluated on a case-by-case basis. However, as the LAFD does not currently have any plans for new fire stations to be developed in proximity to the Project Site, no impacts are currently anticipated to occur. On this basis, the Proposed Project would not make a cumulatively considerable impact to fire protection services, and, as such cumulative impacts on fire protection would be less than significant.

(ii) Police Protection?

Potentially Significant Unless Mitigation Incorporated. A significant impact may occur if the City of Los Angeles Police Department (LAPD) could not adequately serve a project, necessitating a new or physically altered station. Section 15382 of the CEQA guidelines defines "significant effect on the environment" as "a substantial, or potentially substantial, adverse change in any of the physical conditions within the area affected by the project including land, air, water, minerals, flora, fauna, ambient noise, and objects of historic or aesthetic significance. An economic or social change by itself shall not be considered a significant effect on the environment. A social or economic change related to a physical change may be considered in determining whether the physical change is significant." Thus, the addition of a new police station or police substation, if warranted, would only be considered significant if the construction or operation of a new facility results in a physical adverse impact upon the environment. Based on the *L.A. CEQA Thresholds Guide*, the determination of whether the project results in a significant impact on police protection shall be made considering the following factors: (a) the population increase resulting from the Proposed Project, based on the net increase of residential units or square footage of non-residential floor area; (b) the demand for police services anticipated at the time of project buildout compared to the expected level of service available. Consider, as applicable, scheduled improvements to LAPD services (facilities, equipment, and officers) and the project's proportional contribution to the demand; and (c) whether the project includes security and/or design features that would reduce the demand for police services.

The Proposed Project would include up to 372 dwelling units, 30,000 square feet of office space, and up to 10,000 square feet of retail/restaurant uses. The proposed land uses would generate approximately 1,216 new residents and 149 employees. The Proposed Project would increase the utilization of the Project Site, which is currently used as warehouse distributors. These land uses would potentially increase the demand for LAPD services. The Project Site is located in the Hollenbeck area division of the LAPD's Central Bureau. The Hollenbeck Community consists of Aliso Village, Boyle Heights, El Sereno, Estrada Court, Hermon, Hillside Village, Lincoln Heights, Montecito Heights, Monterey Hills, Pico Gardens, Ramona Gardens, Rose Hills Courts, and University Hills. The Project Site is served by the Hollenbeck

Community Police Station, located at 2111 E. 1st Street, which is approximately 3.6 miles south of the Project Site. Table III-20, Hollenbeck Area Crime Statistics, provides crime statistics for the Project area in the City of Los Angeles.

Table III-20
Hollenbeck Area Police Station Crime Statistics

Crimes	2016 (Year to Date)[a]	2015 (Year to Date)	2014 (Year to Date)
Violent Crimes			
Homicide	1	0	2
Rape	3	5	2
Robbery	28	25	20
Aggravated Assault	68	52	45
Total Violent Crimes	**100**	**82**	**69**
Property Crimes			
Burglary	36	45	20
Motor Vehicle Theft	146	105	117
BTFV	138	111	71
Personal / Other Theft	81	75	74
Total Property Crimes	**401**	**336**	**282**
Total Part 1 Crimes	**501**	**418**	**351**
Child / Spousal Abuse (Part I & II)[b]	81	61	23
Shots Fired	32	14	31
Shooting Victims	11	3	14

Notes:
[a] *Crime Statistics for week ending February 6, 2016.*
[b] *Part II Child/Spousal Abuse Simple Assaults not included in Part 1 Aggravated Assaults above to comply with the FBI's Uniform Crime Reporting guidelines.*
Source: LAPD, COMPSTAT Unit, Hollenbeck Area Profile, accessed February 2016.

Construction sites, if left unsecured, have the potential to attract trespassers and/or vandals that would potentially result in graffiti, excess trash, and potentially unsafe conditions for the public. Such occurrences would adversely affect the aesthetic character of the Project Site and surrounding area and could potentially cause public health and safety concerns. With compliance to Mitigation Measure MM-PS-1, below, Project impacts would be less than significant during the construction period.

Implementation of the Proposed Project would result in an increase of site visitors, residents, and employees to the Project Site, thereby generating a potential increase in the number of service calls from the Project Site. Responses to thefts, vehicle burglaries, vehicle damage, traffic-related incidents, and crimes against persons would be anticipated to escalate as a result of the increased on-site activity and increased traffic on adjacent streets and arterials. The Proposed Project would include adequate and strategically positioned functional and thematic lighting to enhance public safety. Visually obstructed and infrequently accessed "dead zones" would be limited and, where possible, security controlled to limit public access. The building and layout design of the Proposed Project would also include crime prevention features, such as nighttime security lighting and secure parking facilities. In addition, the

continuous visible and non-visible presence of residents at all times of the day would provide a sense of security during evening and early morning hours. As such, the Project residents would be able to monitor suspicious activity at the building entry points. These preventative and proactive security measures would decrease the amount of service calls to the LAPD. With adherence to Mitigation Measure MM-PS-1, identified below, the Proposed Project's potential impact upon LAPD services is less than significant.

Mitigation Measure:

MM-PS-1 (Police):

- The plans shall incorporate the Design Guidelines (defined in the following sentence) relative to security, semi-public and private spaces, which may include but not be limited to access control to building, secured parking facilities, walls/fences with key systems, well-illuminated public and semi-public space designed with a minimum of dead space to eliminate areas of concealment, location of toilet facilities or building entrances in high-foot traffic areas, and provision of security guard patrol throughout the project site if needed. Please refer to "Design Out Crime Guidelines: Crime Prevention Through Environmental Design," published by the Los Angeles Police Department. Contact the Community Relations Division, located at 100 W. 1st Street, #250, Los Angeles, CA 90012; (213) 486-6000. These measures shall be approved by the Police Department prior to the issuance of building permits.

Cumulative Impacts

Less Than Significant Impact. The Proposed Project, in combination with the three related projects, would increase the demand for police protection services in the Project area. Specifically, there would be an increased demand for additional LAPD staffing, equipment, and facilities over time. This need would be funded via existing mechanisms (e.g., sales taxes, government funding, and developer fees), to which the Proposed Project and related projects would contribute. In addition, each of the related projects would be individually subject to LAPD review and would be required to comply with all applicable safety requirements of the LAPD and the City of Los Angeles in order to adequately address police protection service demands. Furthermore, each of the related projects would likely install and/or incorporate adequate crime prevention design features in consultation with the LAPD, as necessary, to further decrease the demand for police protection services. To the extent cumulative development causes the need for additional police stations to be built throughout the City, the development of such stations would be on small infill lots within existing developed areas and would not likely cause a significant impact upon the environment. Nevertheless, the siting and development of any new police stations would be subject to further CEQA review and evaluated on a case-by-case basis. However, as the LAPD does not currently have any plans for new police stations to be developed in proximity to the Project Site. No impacts are currently anticipated to occur. On this basis, the Proposed Project would not make a cumulatively considerable impact to police protection services, and cumulative impacts on police protection would be less than significant.

(iii) Schools?

Less Than Significant Impact. A significant impact may occur if a project includes substantial employment or population growth, which could generate a demand for school facilities that would exceed the capacity of the Los Angeles Unified School District (LAUSD). The Project Site is located in LAUSD Board District 2 and 5. The Project Site is currently served by one elementary school, one middle school, and two high schools. Table III-21, Resident Schools Serving the Project Site, details the names, grades served, and location of each school.

Table III-21
Resident Schools Serving the Project Site

School Name	Grades	Address
Hillside Elementary	K-5	120 E. Avenue 35
Florence Nightingale Middle School	6-8	3311 N. Figueroa Street
Woodrow Wilson Senior High	9-12	4500 Multnomah Street
Abraham Lincoln Senior High (includes Lincoln High School Leadership in Entertainment & Media Arts)	9-12	3501 N. Broadway

Notes: Some schools are charter schools and require an application process prior to student enrollment.
Source: Los Angeles Unified School District, Resident School Identifier, website: http://rsi.lausd.net/ResidentSchoolIdentifier/, accessed February 2016.

As shown in Table III-22, Proposed Project Estimated Student Generation, the Proposed Project would generate approximately 60 elementary students, 16 middle school students and 34 high school students, for a total of up to 110 students. This would create an increased demand on local school districts. As shown in the Related Projects List (Table II-6 of Section II. Project Description), Related Project No. 3 includes the development of a middle school with a capacity of 74 students and a high school with a capacity of 263 students. The construction of this related project would further lessen the school demands in the area. Furthermore, the Project Applicant would be required to pay all applicable developer fees to the LAUSD to offset the Proposed Project's demands upon local schools. Pursuant to Government Code Section 65995, the development fees authorized by SB 50 are deemed to be "full and complete school facilities mitigation." Thus, the Proposed Project's potential impact upon public school services would be less than significant by the following regulatory compliance measure:

- **(Payment of School Development Fee)**: Prior to issuance of a building permit, the General Manager of the City of Los Angeles, Department of Building and Safety, or designee, shall ensure that the Applicant has paid all applicable school facility development fees in accordance with California Government Code Section 65995.

Table III-22
Proposed Project Estimated Student Generation

Land Use	Size	Elementary School Students	Middle School Students	High School Students	Total Students
Existing Uses					
Industrial [a]	118,284 sf	2	1	1	4
Total Existing Students:		**2**	**1**	**1**	**4**

Proposed Project					
Multi-Family [b]	372 du	61	17	35	113
Office [c]	30,000 sf	1	0	0	1
Commercial [d]	10,000 sf	0	0	0	0
Total Project Student Generation:		**62**	**17**	**35**	**114**
Less Existing Students:		*-2*	*-1*	*-1*	*-4*
NET Student Generation:		**60**	**16**	**34**	**110**

Notes:
sf = square feet; du = dwelling units
[a] *Student generation rates are as follows for industrial uses: .018 elementary, .0083 middle and .008 high school students per 1,000 square feet.*
[b] *Student generation rates are as follows for multi-family residential uses: .1649 elementary, .0450 middle and .0943 high school students per unit.*
[c] *Student generation rates are as follows for office uses: .0233 elementary, .0108 middle and .0104 high school students per 1,000 square feet.*
[d] *Student generation rates are as follows for retail/commercial uses: .0149 elementary, .0069 middle and .0067 high school students per 1,000 square feet.*
Source: For bullet points (b) above: Los Angeles Unified School District, School Facilities Needs Analysis for Los Angeles Unified School District, September 2012.
-For bullet points (a), (c) and (d) above: Los Angeles Unified School District, School Fee Justification Study, September 2002.

Cumulative Impacts

Less Than Significant Impact. The Proposed Project, in combination with the three related projects is expected to result in a cumulative increase in the demand for school services. Development of the related projects would likely generate additional demands upon school services. These related projects would have the potential to generate students that would attend the same schools as the Proposed Project. As shown in Table III-23, Projected Cumulative Student Generation, the Proposed Project and related projects would cumulatively contribute approximately 105 elementary school students, 28 middle school students and 60 high school students, for a total of up to 193 students. This would create an increased cumulative demand on local school districts. As noted in Table II-6 in Section II. Project Description, Related Project No. 3 proposes the development of a middle school and high school, which would further lessen the overall demand on schools in the Project area. Additionally, each of the new housing units would be responsible for paying mandatory school fees to mitigate the increased demand for school services. Cumulative impacts on schools would be less than significant.

Table III-23
Projected Cumulative Student Generation

Land Use	Size	Elementary School Students	Middle School Students	High School Students	Total Students
Single-Family Attached [a]	290 du	15	4	9	28
Multi-Family Residences [b]	164 du	27	7	16	50
Office [c]	72,740 sf	2	1	1	4
Retail [d]	40,000 sf	1	0	0	1
Related Projects Total:		**45**	**12**	**26**	**83**
Proposed Project Net Total:		60	16	34	110

Cumulative Total:	**105**	**28**	**60**	**193**

Notes:
sf = square feet; du = dwelling units
Uses not listed are estimated by the closest type of use available in the table.
[a] *Student generation rates are as follows for single-family attached residential uses: .053 elementary, .0145 middle and .0303 high school students per unit.*
[b] *Student generation rates are as follows for multi-family residential uses: .1649 elementary, .0450 middle and .0943 high school students per unit.*
[c] *Student generation rates are as follows for office uses: .0233 elementary, .0108 middle and .0104 high school students per 1,000 square feet.*
[d] *Student generation rates are as follows for retail/commercial uses: .0149 elementary, .0069 middle and .0067 high school students per 1,000 square feet.*
Sources:
-For bullet points (a) and (b) above: Los Angeles Unified School District, School Facilities Needs Analysis for Los Angeles Unified School District, September 2012.
-For bullet points (c) and (d) above: Los Angeles Unified School District, School Fee Justification Study, September 2002.
-Conversions of square feet per occupant are based on California Building Code (2013), Ch.10, Table 1004.1.2.

(iv) Parks?

Less Than Significant Impact. A significant impact would occur if the recreation and park services available could not accommodate the projected population increase resulting from implementation of a project or if the proposed project resulted in the construction of new recreation and park facilities that create significant direct or indirect impacts to the environment. Based on the *L.A. CEQA Thresholds Guide*, the determination of whether the project results in a significant impact on recreation and parks shall be made considering the following factors: (a) the net population increase resulting from the Proposed Project; (b) the demand for recreation and park services anticipated at the time of project buildout compared to the expected level of service available. Consider, as applicable, scheduled improvements to recreation and park services (renovation, expansion, or addition) and the project's proportional contribution to the demand; and (c) whether the project includes features that would reduce the demand for park services (e.g., on-site recreation facilities, land dedication, or direct financial support to the Department of Recreation and Parks).

The Public Recreation Plan (PRP), a portion of the Service Systems Element of the City of Los Angeles General Plan, provides standards for the provision of recreational facilities throughout the City and includes Local Recreation Standards. The desired long-range standard for local parks is based on two acres per 1,000 persons for neighborhood parks and two acres per 1,000 persons for community parks or four acres per 1,000 persons of combined neighborhood and community parks. However, the PRP also notes that these long-range standards may not be reached during the life of the plan, and, therefore, includes more attainable short- and intermediate-range standards of one (1) acre per 1,000 persons for neighborhood parks and one (1) acre per 1,000 persons for community parks, or two (2) acres per 1,000 people of combined neighborhood and community parks. These standards are Citywide goals and are not intended to be requirements for individual development projects. The Public Recreation Element of the City's General Plan also recognizes that the achievement of such goals is not the responsibility of individual development projects and that such goals will be met by "seek[ing] federal, state and private funds to implement acquisition and development of parks and recreational facilities."

The Proposed Project is located within a highly urbanized area within the Northeast Los Angeles Community Plan Area. As shown in Table III-24, there is over 1,210 acres of parkland and public

recreation facilities within a 2-mile radius of the Project Site. These facilities range from 0.46-acres (East Los Angeles Park) to 600 acres (Elysian Park). The Project Site is surrounded by relatively big parks (over 50 acres) such as Elysian Park, Ascot Hills Park, Ernest E. Debs Regional Park, and Arroyo Seco Park. Due to the large sizes, only portions of Arroyo Seco Park and Elysian Park are within the 2-mile radius of the Project Site. As discussed in Checklist Question XII (a), it is estimated that the development of the Proposed Project would result in an increase of 1,216 new residents to the area. Based on the standard parkland ratio goal of 4 acres per 1,000 residents, the Proposed Project would generate a Citywide goal of serving such residents with approximately 4.86 acres of additional public parkland. The Proposed Project would contribute towards the achievement of such goal through a combination of (1) on-site open space proposed within the Project, (2) payment of applicable taxes in accordance with LAMC Section 21.10.3(a)(1), and (3) the availability of existing park and recreation facilities within the area. The Proposed Project would provide approximately 39,575 square feet of total common open space and amenities on-site available to serve Project residents and their guests. The Proposed Project may include a variety of on-site amenities including, but not limited to, common open space, community gardens, a roof deck, pool deck, barbecue pits, and a gymnasium. Pursuant to Ordinance No. 179,280 the Proposed Project is required to provide a minimum of 64,744 square feet of publicly accessible public open space throughout the Project Site in the form of open space, paseos, and paths. The Project proposes to provide 64,744 square feet of publicly accessible open space, thereby achieving the required square feet of open space required by the LAMC and Ordinance No. 179,280.

In addition to the on-site open space provided within the Proposed Project, the Proposed Project is subject to Ordinance 184,505, which requires the payment of park mitigation fees for residential, non-subdivision projects. In accordance with Ordinance 184,505, these fees may be offset or reduced based on the amount of on-site open space and recreational amenities provided on-site. Therefore, under the City's mandatory park mitigation fee, which is collected prior to a certificate of occupancy for residential land uses (see regulatory compliance measure, below), the Proposed Project's impact upon parks and recreational facilities would be reduced to a less-than-significant level.

Regulatory Compliance Measure:

- **(Increased Demand For Parks Or Recreational Facilities):** Pursuant to Ordinance 184,505, the applicant shall pay the park mitigation fees for construction of apartment buildings.

Table III-24
Recreation and Park Facilities within the Project Area

Park Name	Park Size (acres)	Park Amenities	Approx. Distance to Project Site (miles)
1. Lacy Street Neighborhood Park	0.55	Picnic tables, parking lot	0.30
2. Graeyor Oak Mini Park	0.65	Pocket Park	0.37
3. East Los Angeles Park	0.46	Children's play area, picnic tables	0.62
4. Cypress Park and Recreation Center	3.15	Auditorium, barbecue pits, children's play area, indoor gym with weights, picnic tables	0.63
5. Lincoln Heights Recreation Center	1.24	Indoor gym (without weights), auditorium, basketball courts (lighted/indoor), basketball courts (lighted/outdoor),	0.77

Park Name	Park Size (acres)	Park Amenities	Approx. Distance to Project Site (miles)
		children's play area	
6. L.A. Youth Athletic Club	4.80	Indoor gym (with weights), boxing facility, karate/kickboxing room, television area	0.78
7. Elysian Park	600.0	Golf course, arboretum, hiking trails, horseshoe pits, jogging paths, picnic area, children's play area, indoor gym, basketball courts, barbecue pits	0.79
8. Montecito Heights Recreation Center	4.50	Auditorium, basketball courts (lighted/indoor), basketball courts (unlighted/outdoor), children's play area, indoor gym (with weights), picnic tables, tennis courts (unlighted), volleyball courts (unlighted), weight room	0.90
9. Carlin G. Smith Recreation Center	2.70	Auditorium, basketball court (lighted/outdoor), children's play area, picnic area	0.96
10. Downey Pool and Recreation Center	5.96	Pool, auditorium, baseball diamond (lighted), children's play area, outdoor basketball court, picnic tables	1.04
11. Ernest E. Debs Regional Park	282.0	Barbecue pits, picnic tables, recreation center	1.11
12. Sycamore Grove Park	19.10	Barbecue pits, children's play area, picnic tables, tennis courts (lighted), bandshell, concession stand	1.29
13. Rose Hill Park and Recreation Center	2.18	Barbecue pits, baseball diamond (lighted/unlighted), children's play area, picnic tables, community garden	1.33
14. Lincoln Park and Recreation Center	43.80	Auditorium, barbecue pits, baseball diamond (lighted), basketball courts (lighted/indoor), children's play area, indoor gym (with weights), picnic tables, soccer field (unlighted), tennis courts (unlighted), pool, picnic tables	1.34
15. Rio De Los Angeles State Park	21.40	Community room, picnic area, tennis courts (lighted), basketball courts (lighted/outdoor), baseball field (lighted0, softball field (lighted), two soccer fields (lighted), junior soccer fields (unlighted), junior synthetic soccer field (unlighted), walking trail	1.36
16. Ascot Hills Park	94.00	Hiking trails	1.43
17. Moon Canyon Park	4.50	Hike trails, dog park	1.53
18. Hazard Park and Recreation Center	30.60	Auditorium, barbecue pits, basketball courts (lighted/indoor), children's play area, community room, handball courts (unlighted), indoor gym (without weights), picnic tables, tennis courts (lighted), skate park,	1.76
19. El Sereno Recreation Center	12.10	Auditorium, barbecue pits, baseball diamond (lighted), basketball courts (lighted/indoor/outdoor), children's play area, community room, indoor/outdoor gym (without weights), picnic tables, tennis courts (lighted), skate park	1.87
20. Cleland Avenue Bicentennial Park	0.93	Children's play area	1.93
21. Arroyo Seco Park	73.90	Barbecue pits, children's play area, picnic tables, tennis courts (lighted)	2.00
22. Bud Weiner Park	0.65	Pocket park, benches	2.00
23. Elysian Valley Recreation Center	1.13	Auditorium, baseball diamond (lighted), one basketball court (indoor), children's play area, two community rooms, handball court (unlighted)	2.00
Total Parkland (Approximate):	**1,210.3**		

Sources: Park distances, size, and amenities were determined using:
(1) City of Los Angeles, Department of Recreation and Parks, http://www.laparks.org;
(2) Navigate LA, http://navigatela.lacity.org/navigatela/; and
(3) Google Earth (when necessary), accessed February 2016.

Cumulative Impacts

Less Than Significant Impact. Development of the Proposed Project in conjunction with the three related projects could result in an increase in permanent residents residing in the greater Project area. Additional cumulative development would contribute to lowering the City's existing parkland to population ratio, which is currently below the preferred standard. However, each of the residential related projects are required to comply with payment of Quimby Fees (for subdivision projects with greater than 50 units) and/or park mitigation fees (for all other residential projects). Each residential related project would also be required to comply with the on-site open space requirements of the LAMC. Therefore, with payment of the applicable recreation fees on a project-by-project basis, the Proposed Project would not make a cumulatively considerable impact to parks and recreational facilities, and cumulative impacts would be less than significant.

(v) Other Public Facilities?

Less Than Significant Impact. A significant impact may occur if a project includes substantial employment or population growth that could generate a demand for other public facilities (such as libraries), which would exceed the capacity available to serve the Project Site. Based on the *L.A. CEQA Thresholds Guide*, the determination of whether the project results in a significant impact on libraries shall be made considering the following factors: (a) the net population increase resulting from the Project; (b) the demand for library services anticipated at the time of project buildout compared to the expected level of service available. Consider, as applicable, scheduled improvements to library services (renovation, expansion, addition or relocation) and the project's proportional contribution to the demand; and (c) whether the project includes features that would reduce the demand for library services (e.g., on-site library facilities or direct financial support to the Los Angeles Public Library).

Within the City of Los Angeles, the Los Angeles Public Library (LAPL) provides library services at the Central Library and 72 regional branch libraries. Approximately 6.5 million books and other materials comprise the LAPL collection. Approximately 6.5 million books and other materials comprise the LAPL collection. The LAPL branches currently serving the Project Site include:

- Lincoln Heights Branch Library, located at 2530 Workman Street, approximately 0.5 mile south of the Project Site; and
- Cypress Park Branch Library, located at 1150 Cypress Avenue, approximately 1.0 mile northwest of the Project Site.[45]

It is anticipated that the existing libraries within the Project area would be able to meet the Proposed Project's demand for library services. Therefore, the Proposed Project's impacts upon library services would be considered less than significant.

---

[45] *City of Los Angeles Public Library, Hours and Locations, website: http://www.lapl.org/branches, accessed February 2016.*

Cumulative Impacts

Less Than Significant Impact. Development of the related projects is projected to generate additional housing and residents within the study area, which would likely generate additional demands upon library services. This increase in resident population, combined with the 1,216 additional residents generated by the Proposed Project, would result in a cumulative increase in demands upon public library services. To meet the increased demands upon the City's Public Library system, Los Angeles voters passed a Library Bond Issue for $178.3 million to improve, renovate, expand, and construct 32 branch libraries. Since the Program's inception in 1998, the Library Department and the Department of Public Works, Bureau of Engineering have made considerable progress in the design and construction of the branch library facilities. Based on the growth forecasts utilized in the 2015-2020 Strategic Plan, much of this growth has already been accounted for in planning new and expanded library facilities. Thus, the 2,701 additional residents generated by the Proposed Project and the related projects would not make a cumulatively considerable impact upon the City's library system. Therefore, the cumulative impacts related to library facilities would be reduced to a less than significant level.

XV. RECREATION

a) Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?

Less Than Significant Impact. For the purpose of this MND, a significant impact may occur if the project would include substantial employment or population growth, which would increase the use of existing neighborhood and regional parks or other recreational facilities, such that substantial physical deterioration of the facility would occur or be accelerated. Based on the *L.A. CEQA Thresholds Guide*, the determination of whether the project results in a significant impact on recreation and parks shall be made considering the following factors: (a) the net population increase resulting from the proposed project; (b) the demand for recreation and park services anticipated at the time of project buildout compared to the expected level of service available. Consider, as applicable, scheduled improvements to recreation and park services (renovation, expansion, or addition) and the project's proportional contribution to the demand; and (c) whether the project includes features that would reduce the demand for park services (e.g., on-site recreation facilities, land dedication, or direct financial support to the Department of Recreation and Parks).

It is reasonable to assume that the future occupants of the Proposed Project would utilize recreation and park facilities in the surrounding area. As noted in Table III-24, above, there are 23 existing new and recently improved parks within the Project area totaling more than 1,210 acres that are available to serve the future residents and retail visitors to the Project Site. The Project Site is surrounded by relatively big parks (over 50 acres) such as Elysian Park, Ascot Hills Park, Ernest E. Debs Regional Park, and Arroyo Seco Park. In addition, the Proposed Project would provide approximately 39,575 square feet of total common open space and amenities on-site available to Project residents and their guests. For the Project's residents and their guests, the Proposed Project may include a variety of on-site amenities including, but not limited to, common open space, community gardens, a roof deck, pool deck, barbecue pits, and a gymnasium. Additionally, pursuant to Ordinance No. 179,280, the Proposed Project would provide

64,744 square feet of publicly accessible public open space throughout the Proposed Project in the form of open space, paseos, and paths. The availability of these on-site recreation amenities and opportunities would serve to reduce the demand for off-site park services, and accordingly the Proposed Project would not substantially increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated. In addition, the Project Applicant would pay the City's mandatory park mitigation fees, which is collected prior to a certificate of occupancy for residential land uses, and comply with regulatory compliance measure relating to parks (discussed above). Accordingly, the Proposed Project's impact upon parks and recreational facilities would be less than significant.

b) Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?

Less Than Significant Impact. A significant impact may occur if a project includes or requires the construction or expansion of park facilities and such construction would have a significant adverse effect on the environment. As noted above, there are 23 existing, new, or recently improved parks within the Project Area totaling more than 1,210 acres that are available to serve the future residents and retail visitors to the Project Site. As required by [Q] Condition B.1(e) and B.6(a), the Proposed Project would also provide approximately 39,575 square feet of residential open space and recreational facilities and 64,744 square feet of publicly accessible open space on-site. As discussed in Section XIV (iv) above, Citywide park standards are Citywide goals and are not intended to be requirements for individual development projects. The Public Recreation Element of the City's General Plan also recognizes that the achievement of such goals is not the responsibility of individual development projects and that such goals will be met by "seek[ing] federal, state and private funds to implement acquisition and development of parks and recreational facilities." The Proposed Project itself does not include the expansion of park facilities and does not require the construction or expansion of recreational facilities that might have an adverse impact on the environment. Therefore, a less than significant impact would occur.

Cumulative Impacts

Less Than Significant Impact. Section 15355 of the State CEQA Guidelines defines cumulative impacts as "two or more individual effects which, when considered together, are considerable or which compound or increase other environmental impacts." As discussed above, the Proposed Project would have a less than significant impact on recreational resources. The Proposed Project in combination with the three related projects would be expected to increase the cumulative demand for parks and recreational facilities in the City of Los Angeles. A number of new parks and recently renovated park improvements have been made in the downtown area and along San Fernando Road to accommodate cumulative demands created by increased residential development. Similar to the Proposed Project's requirement to pay park mitigation fees to improve recreation and park facilities, the related projects that include residential units would be required to pay similar recreation taxes and/or applicable Quimby fees to mitigate impacts upon park and recreational facilities and to provide additional funds to meet Citywide park goals. Additionally, each related project would be subject to the provisions of the LAMC for providing on-site open space, which is proportionately based on the amount of new development. Because the Proposed Project would have a less than significant incremental contribution to the potential cumulative impact on recreational resources, the Proposed Project would have a less than significant

cumulative impact on such resources.

XVI. TRANSPORTATION AND TRAFFIC

The following section summarizes and incorporates by reference the information:

- Traffic Impact Report for Proposed Avenue 34 & Pasadena Mixed-Use Project, prepared by Crain & Associates, dated December 2015.
- City of Los Angeles Department of Transportation's approval letter, Traffic Impact Assessment for the Proposed Development Project at 167 West Avenue 34 / 3401-3437 North Pasadena Avenue, dated January 28, 2016.

The Traffic Study and related correspondence from the Los Angeles Department of Transportation (LADOT) are attached. The Traffic Study and the discussion below evaluate a larger project that includes 410 dwelling units, 30,000 square feet of creative office, and 10,000 square feet of retail. The Traffic Study was reviewed and approved by DOT in January 2016. The Proposed Project has since been revised to include 372 dwelling units, 30,000 square feet of creative office, and 10,000 square feet of retail. Because the Traffic Study evaluated a larger project than what is currently proposed, the Traffic Study and the analysis below present a conservative analysis of the Project's impacts.

a) Would the project conflict with an applicable plan, ordinance or policy establishing measures of effectiveness for the performance of the circulation system, taking into account all modes of transportation including mass transit and non-motorized travel and relevant components of the circulation system, including but not limited to intersections, streets, highways and freeways, pedestrian and bicycle paths, and mass transit?

Potentially Significant Unless Mitigation Incorporated. The Transportation Research Board Circular 212 Critical Movement Analysis (CMA) Planning Method was used to analyze traffic operating conditions at study intersections. CMA methodology compares the amount of traffic an intersection is able to process (capacity) to the level of traffic during peak hours (volume). The resulting volume-to-capacity ratio (v/c) is expressed in terms of level of service (LOS). LOS A represents free-flow activity and LOS F represents overcapacity operation. LOS is a qualitative assessment of the quantitative effects of such factors as traffic volume, roadway geometrics, speed, delay, and maneuverability on roadway and intersection operations.

The City of Los Angeles determines whether a transportation impact at a signalized intersection is significant according to a sliding scale. At an intersection with a final LOS C, a project impact would occur if the project contributes 0.040 or greater to the intersection v/c. At an intersection with a final LOS D, a project impact would occur if the project contributes 0.020 or greater to the intersection v/c. At an intersection with a final LOS E or F, a project impact would occur if the project contributes 0.010 or greater to the intersection v/c. Refer to Table III-25, Definition of Significant Impact at Intersection, below.

Table III-25
Definition of Significant Impact at Intersection

Level of Service	Volume-to-Capacity (V/C)	Project-related Increase in Volume-to-Capacity (V/C) Ratio
C	0.701–0.800	Equal to or greater than 0.04
D	0.801–0.900	Equal to or greater than 0.02
E, F	> 0.900	Equal to or greater than 0.01

Study Intersections

A total of ten intersections were identified, in conjunction with LADOT staff, for inclusion in the traffic analysis. The analyzed locations are shown in Figure 1 of the Traffic Study. None of these intersections are Los Angeles County Congestion Management Plan (CMP) monitoring locations. In addition, a CMP analysis is not required because the Proposed Project would not add 50 or more peak-hour trips to any CMP arterial monitoring intersections, including freeway on- and off-ramps as discussed below. Furthermore, the Project would not add 150 or more peak-hour trips to freeway mainline monitoring locations. The following intersections were determined in consultation with LADOT:

1. Figueroa Street and Pasadena Avenue/ Marmion Way
2. Figueroa Street and Avenue 26
3. Figueroa Street and SR-110 Freeway Northbound On/Off Ramps
4. I-5 Freeway Northbound Off-Ramp /Lacy Street and Avenue 26
5. Pasadena Avenue and Avenue 35
6. Pasadena Avenue and Avenue 33
7. Pasadena Avenue and Avenue 28
8. Pasadena Avenue/Avenue 26 and Daly Street
9. Pasadena Avenue and I-5 Freeway Northbound On/Off Ramps
10. Pasadena Avenue and I-5 Freeway Southbound On/Off Ramps

Existing Transit Options

The Los Angeles County Metropolitan Transportation Authority (MTA) provides an extensive system of bus lines in the Northeast Los Angeles Community Plan area. Metro Gold Line Rail Station and a number of MTA bus routes are within reasonable walking distance from the Project Site (less than approximately one-quarter mile), providing access for residents, employees and patrons of the Project. The public transit routes serving the Project are described in detail below, and transit routes within the walking distance are shown in Figure 4 of the Traffic Study.

Metro Gold Line is a light rail line running from Azusa to East Los Angeles via Downtown Los Angeles serving several attractions, including Little Tokyo, Union Station, the Southwest Museum, Chinatown, and the shops of Old Town Pasadena. The Metro Gold line is one of six in the Metro Rail system, serving 21 stations (including two subway stations). At Union Station, riders can connect with the Metro Red and Metro Purple Lines, the Metro Silver Line bus rapid transit line as well as the Metrolink regional system. Extension of the Gold Line further eastward extension to Montclair is also planned. The Heritage

Square/Arroyo Station of the Metro Gold Line is within one-quarter mile walking distance from the Project Site. Currently, Metro Gold Line trains run between approximately 4:30 a.m. and 12:45 a.m. daily. Service on Friday and Saturday nights continues until approximately 2:00 a.m. Trains on the Gold Line operate every six minutes during peak hours Monday through Friday. Middays consist of 12-minute headways, while weekends all day have a frequency of seven to eight minutes. Nighttime service operates every 15 minutes, with 20-minute headways during late night weekend service.

Line 83 is a north-south oriented route which operates between the Downtown Los Angeles and Eagle Rock area. Route 83 travels through the communities of Eagle Rock, Highland Park, Cypress and Downtown Los Angeles. Near the Project Site, Line 83 runs north-south along Pasadena Avenue. Line 83 provides stops in the Project vicinity on Pasadena Avenue at Avenue 31, Avenue 33 and Avenue 35. Line 83 operates daily with headways of approximately 20 to 40 minutes during the weekday AM and PM peak hours. Saturday, Sunday and holiday service is provided with longer headways.

Lines 251/252 are north-south oriented routes which operate between the Montecito Heights and Lynwood area. Route 251/252 travel through the communities of Montecito Heights, Cypress Park, Lincoln Heights, Boyle Heights, Vernon, Huntington Park, South Gate and Lynwood. Near the Project Site, only Line 252 runs north-south along Griffin Avenue. Line 252 provides stops in the Project vicinity on Griffin Avenue at Avenue 31, Avenue 33 and Avenue 35. Line 252 operates daily with headways of approximately 20 to 30 minutes during the weekday AM and PM peak hours. Saturday, Sunday and holiday service is provided with longer headways.

As discussed in Question III(a), the Proposed Project is within a High-Quality Transit Areas (HQTA). An HQTA is defined as a generally walkable transit village or corridor within one half-mile of a well-serviced transit stop or a transit corridor with 15-minute or less service frequency during peak commute hours. The Proposed Project would concentrate new development and jobs within a half of a mile (walking distance) from the Heritage Square Gold Line Station and is served by several Metro bus lines. Thus, the Project Site's location provides opportunities for employees, guests, visitors, and residents to use public transit to reduce vehicle trips. The Project Site is also located in a Transit Priority Area as defined by CEQA Sections 21099 and 21064.3. The Proposed Project's mixed-use nature and close proximity to neighborhood-serving commercial/retail land uses and regional transit would result in fewer trips and a reduction to the Proposed Project's vehicle miles traveled (VMTs) as compared to the base trip rates for similar stand-alone land uses that are not located in close proximity to transit. Thus, it is expected that some of the person trips generated by the Proposed Project would utilize public transportation as their primary travel mode instead of private vehicles.

Existing (2015) Traffic Volumes

Traffic volumes for existing conditions at the study intersections were obtained from manual traffic counts conducted in May 2015. In accordance with LADOT Traffic Study Policies and Procedures, the traffic counts conducted for the Traffic Study cover the weekday morning and afternoon peak commute periods.

An analysis of existing weekday AM and PM peak-hour traffic conditions was performed at the 10 study intersections listed above. These intersections were determined in consultation with LADOT. As shown in Table III-27 and Table III-28, below, all ten intersections operate at acceptable levels of service (LOS A through D).

Project Impact

Project Parking and Vehicular Access

Parking for the Proposed Project's uses would be provided underneath the Project buildings, with loading docks and short-term retail parking provided on the surface level. The proposed parking supply is expected to meet the requirements of the City of Los Angeles Municipal Code and site-specific requirements as identified in [Q] Conditions A.2 (Parking) and B.2 (Pedestrian Access). In addition, the Proposed Project would comply with the LAMC bicycle parking requirement by providing enough long-term and short-term bicycle stalls. Vehicular access for the Project parking would be provided via two driveways along Avenue 34 – a residential driveway on the southwest corner of the Project Site opposite Artesian Street and a mixed commercial and residential driveway at the dividing line between the commercial and residential portions of the Project Site. Additionally, a driveway serving the commercial loading dock and short-term retail parking would be located along Pasadena Avenue.

Estimated Trip Generation

The Proposed Project analyzed in the Traffic Study includes the development of up to 410 apartment units, 30,000 square feet of office space, and 10,000 square feet of retail use. The daily and peak-hour trips for the Project were generated using trip rates from the Institute of Transportation Engineers (ITE) *Trip Generation* Manual (9th Edition, 2012). In accordance with the LADOT, vehicle trip generation is reduced by 15 percent for the transit credit, 10 percent for internal trips, and 50 percent for commercial pass-by trips. Project trip generation is presented in Table III-26. As shown in Table III-26, the analysis estimates that the Proposed Project would generate a total of 2,128 daily vehicle trips, 161 AM peak hour vehicle trips and 199 PM peak hour vehicle trips.

Table III-26
Project Trip Generation Estimates

Land Use (Land Use Code)	Size	Unit	ADT [a]	AM Peak			PM Peak		
				In	Out	Total	In	Out	Total
Proposed Project [b]									
Apartments (250)	410	du	2,608	41	164	205	158	85	243
Internal Trip Credit [c]			-76	-1	-5	-6	-6	-3	-9
Transit/Walk-In (15%)			-380	-6	-24	-30	-23	-12	-35
Subtotal Residential Trips:			***2,152***	***34***	***135***	***169***	***129***	***70***	***199***
Shopping Center (820)	10,000	sf	427	6	4	10	18	19	37
Internal Trip Credit (10%)			-43	-1	0	-1	-2	-2	-4
Transit/Walk-In (15%)			-58	-1	-1	-2	-2	-3	-5
Pass-by Trips (50%)			-163	-2	-2	-4	-7	-7	-14
Subtotal Commercial Trips:			***163***	***2***	***1***	***3***	***7***	***7***	***14***
General Office (710)	30,000	sf	331	41	6	47	8	37	45
Internal Trip Credit (10%)			-33	-4	-1	-5	-1	-4	-5
Transit/Walk-In (15%)			-45	-6	-1	-7	-1	-5	-6
Subtotal Office Trips:			***253***	***31***	***4***	***35***	***6***	***28***	***34***
Total Proposed Project Trips:			**2,568**	**67**	**140**	**207**	**142**	**105**	**247**
Existing Development									
Warehousing (150)	90,233	sf	321	21	6	27	7	22	29
Light Industrial (110)	28,051	sf	196	23	3	26	3	24	27
Warehousing Transit/Walk-In (15%)			-48	-3	-1	-4	-1	-3	-4
Other Credit (15%)			-29	-3	0	-3	0	-4	-4
Subtotal Existing Trips:			***440***	***38***	***8***	***46***	***9***	***39***	***48***
Net Trip Generation:			**2,128**	**29**	**132**	**161**	**133**	**66**	**199**

ADT = average daily traffic; du =dwelling units; sf = square feet

[a] *Trip rates based on the Institute of Transportation Engineers (ITE) Trip Generation Manual, 9th Edition (2012).*

[b] *As discussed above, the Project metrics analyzed in the Traffic Study and in this table are higher than the actual Proposed Project, and thus, the trip generation amounts are conservative.*

[c] *Internal, transit credit and pass-by trips based on City of Los Angeles Department of Transportation (LADOT) Traffic Study Policies and Procedures (2014).*

Source: Crain & Associates, Traffic Impact Report for Proposed Avenue 34 & Pasadena Mixed-Use Project, dated December 2015.

Existing (2015) With Project Conditions

Table III-27, below, summarizes the results of the Existing (2015) and Existing with Project (2015) AM peak-hour LOS analysis for the ten study area intersections. Figure III-2 and Figure III-3 illustrate the existing traffic volumes of the ten study intersections for the AM and PM peak hours, respectively. Figure III-4 and Figure III-5 illustrate the traffic volumes at the studied intersections with the addition of the Proposed Project during the AM and PM peak hours, respectively. As discussed above, the LOS were determined using the LADOT spreadsheet for calculating CMA methodology. As shown in Table III-27, nine of the ten intersections would continue to operate at acceptable levels of service (LOS A through D) during the AM peak hour. A significant impact would occur at one intersection (Pasadena Avenue/ Avenue 26 and Daly Street) during the AM peak hour with the addition of Project traffic.

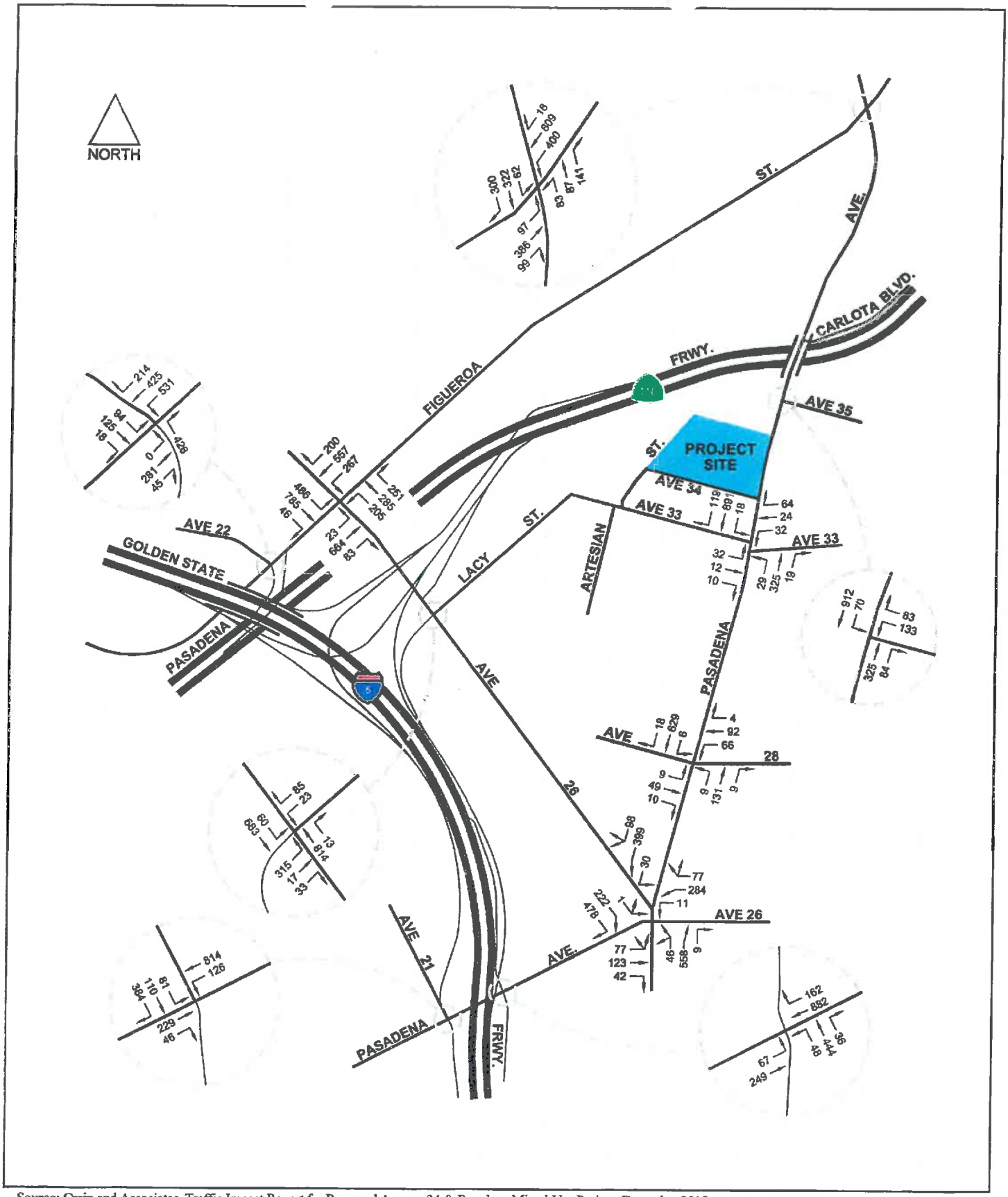
Table III-28, below, summarizes the results of the Existing (2015) and Existing with Project (2015) PM peak-hour LOS analysis for the ten study area intersections. All study intersections are not anticipated to have any significant impacts with the addition of Project traffic during the PM peak hour.

As approved by LADOT, the Proposed Project would comply with the Transportation Demand Management (TDM) Ordinance (No. 167,700) by implementing a TDM Plan and Trip Monitoring Program to offset the increased traffic from the Proposed Project (Mitigation Measures MM-T-1 through MM-T-3). Table III-29 shows that there would be a decrease in v/c ratio from incorporating a TDM Plan. Refer to Figure III-6 and Figure III-7 for the Existing (2015) traffic volumes with the implementation of the TDM Plan. Therefore, with implementation of mitigation measures below, the significant impact identified at the Pasadena Avenue/ Avenue 26 and Daly Street intersection during the AM peak hour would be reduced to a less than significant level.

Table III-27
Existing (2015) and Existing with Project Condition
Level of Service Summary for AM Peak Hour

Intersection	AM Peak Hour				Project Impact
	Existing		Existing with Project		
	V/C	LOS	V/C	LOS	
1. Figueroa St. & Pasadena Avenue	0.635	B	0.638	B	0.003
2. Figueroa St. & Avenue 26	0.884	D	0.889	D	0.005
3. Figueroa St. SR-110 Fwy. NB Off-Ramp/SB On-Ramp	0.515	A	0.521	A	0.006
4. I-5 Fwy. NB Off-Ramp/ Lacy St. & Avenue 26	0.598	A	0.644	B	0.046
5. Pasadena Ave. & Avenue 35	0.652	B	0.656	B	0.004
6. Pasadena Ave. & Avenue 33	0.721	C	0.749	C	0.028
7. Pasadena Ave. & Avenue 28	0.451	A	0.479	A	0.028
8. Pasadena Ave./ Avenue 26 & Daly St.	0.803	D	0.823	D	0.020 *
9. Pasadena Ave. & I-5 Fwy. NB On/Off-Ramp	0.469	A	0.478	A	0.009
10. Pasadena Ave. & I-5 Fwy. SB On/Off-Ramp	0.312	A	0.316	A	0.004

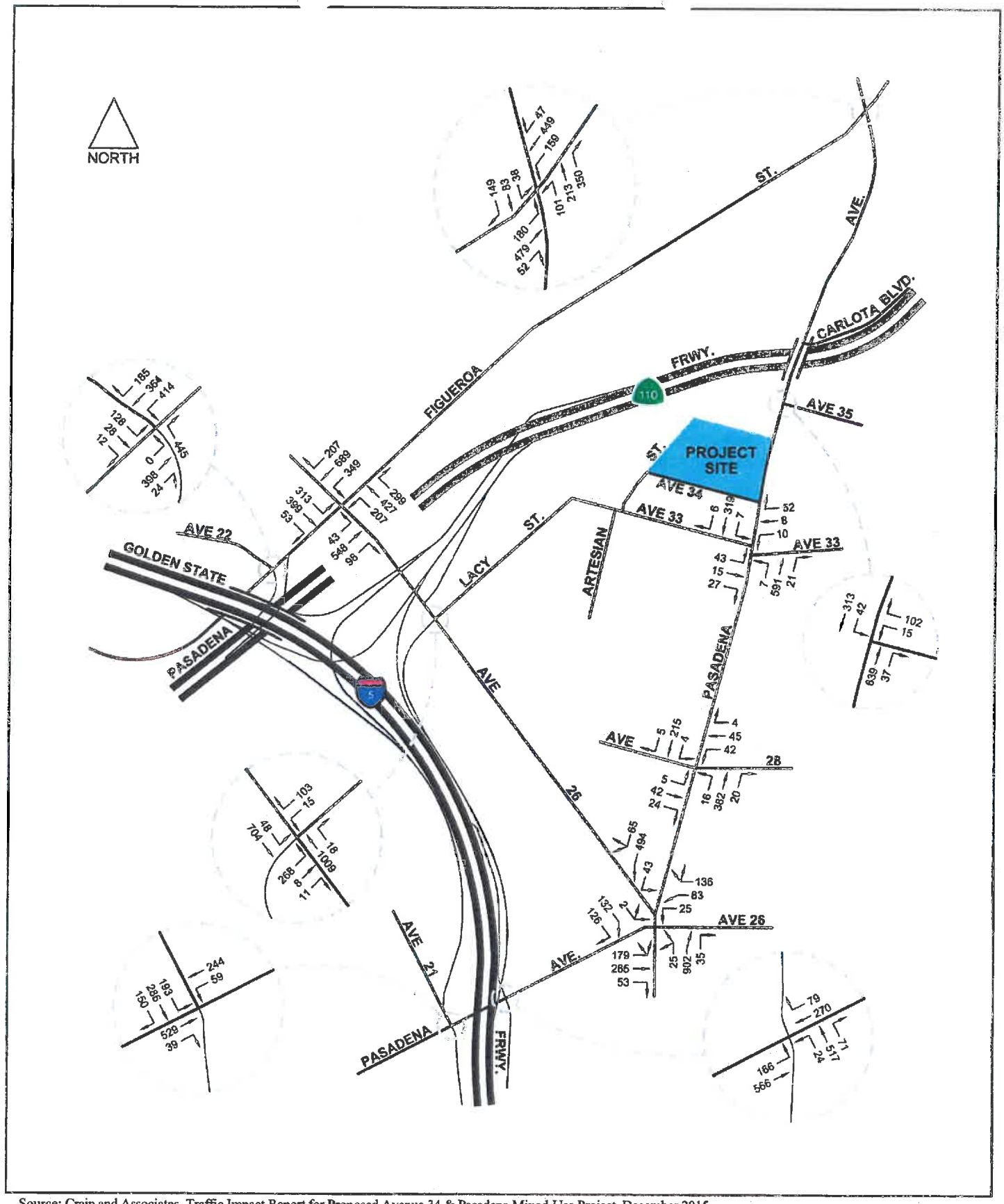
LOS = level of service; v/c = volume-to-capacity ratio
** Indicates a significant impact using the LADOT criteria.*
Source: Crain & Associates, Traffic Impact Report for Proposed Avenue 34 & Pasadena Mixed-Use Project, dated December 2015.



Source: Crain and Associates, Traffic Impact Report for Proposed Avenue 34 & Pasadena Mixed-Use Project, December 2015.

PARKER ENVIRONMENTAL CONSULTANTS

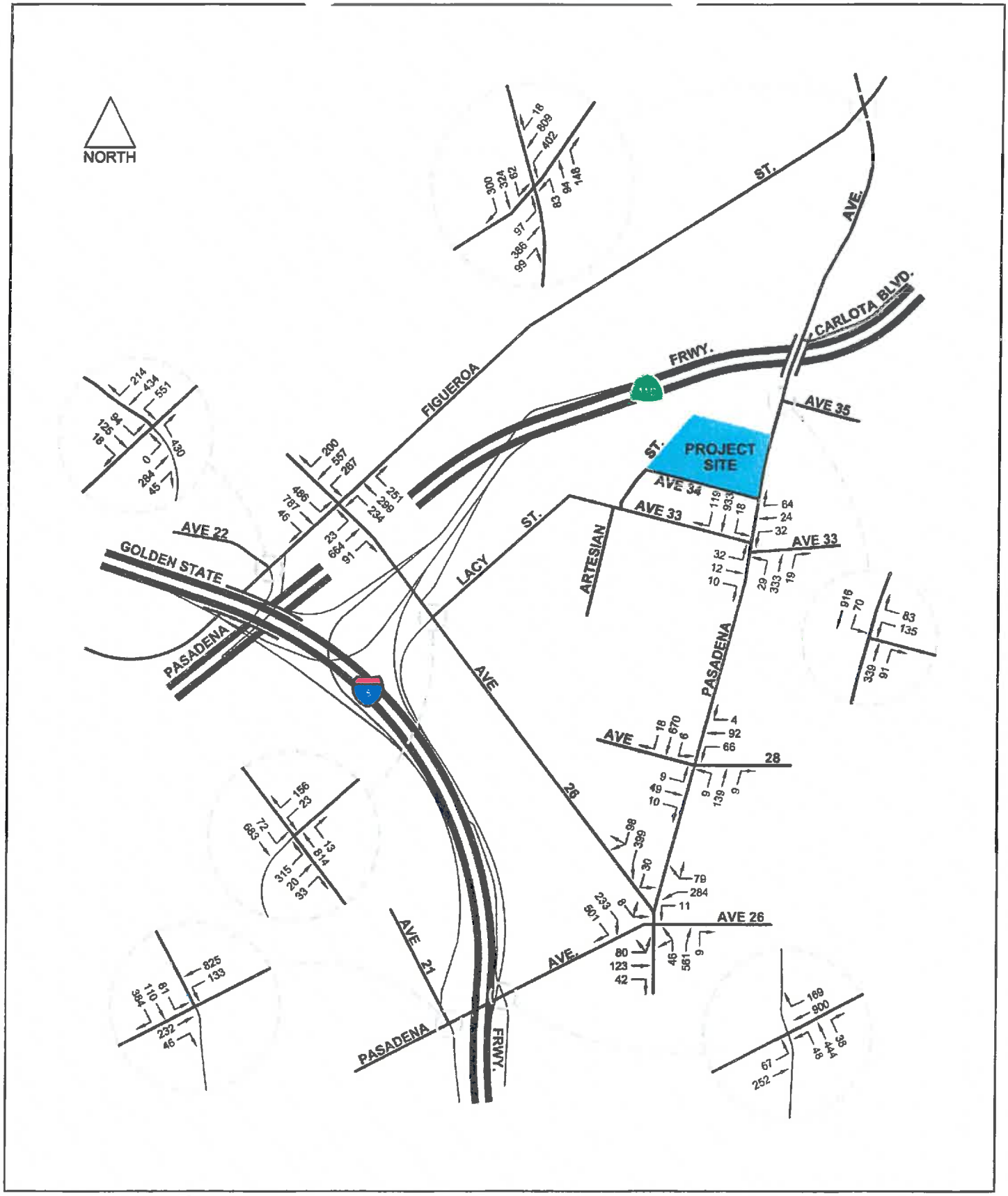
Figure III- 2
Existing (2015) Traffic Volumes - AM Peak Hour



Source: Crain and Associates, Traffic Impact Report for Proposed Avenue 34 & Pasadena Mixed-Use Project, December 2015.

PARKER ENVIRONMENTAL CONSULTANTS

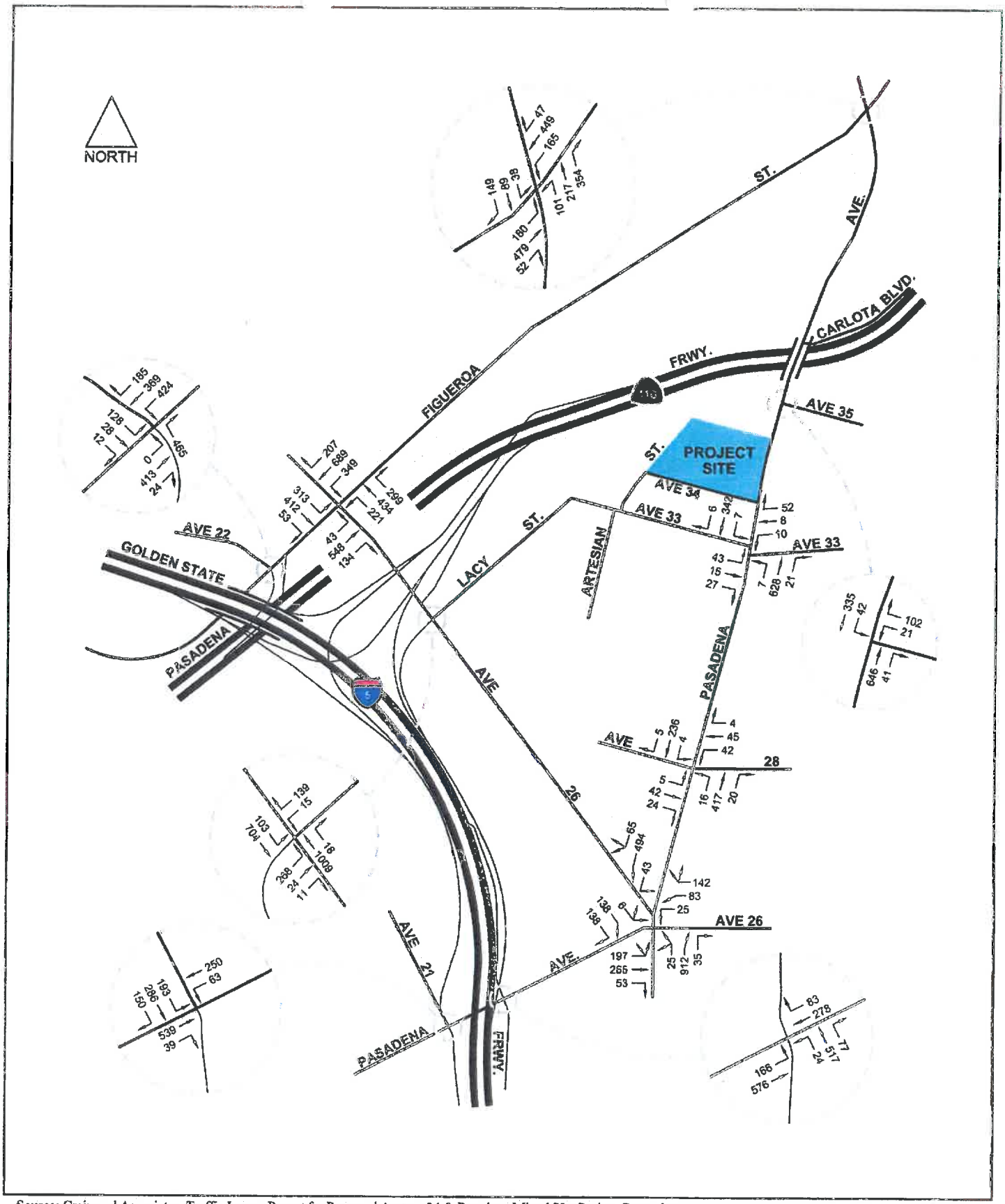
Figure III-3
Existing (2015) Traffic Volumes - PM Peak Hour



Source: Crain and Associates, Traffic Impact Report for Proposed Avenue 34 & Pasadena Mixed-Use Project, December 2015.

PARKER ENVIRONMENTAL CONSULTANTS

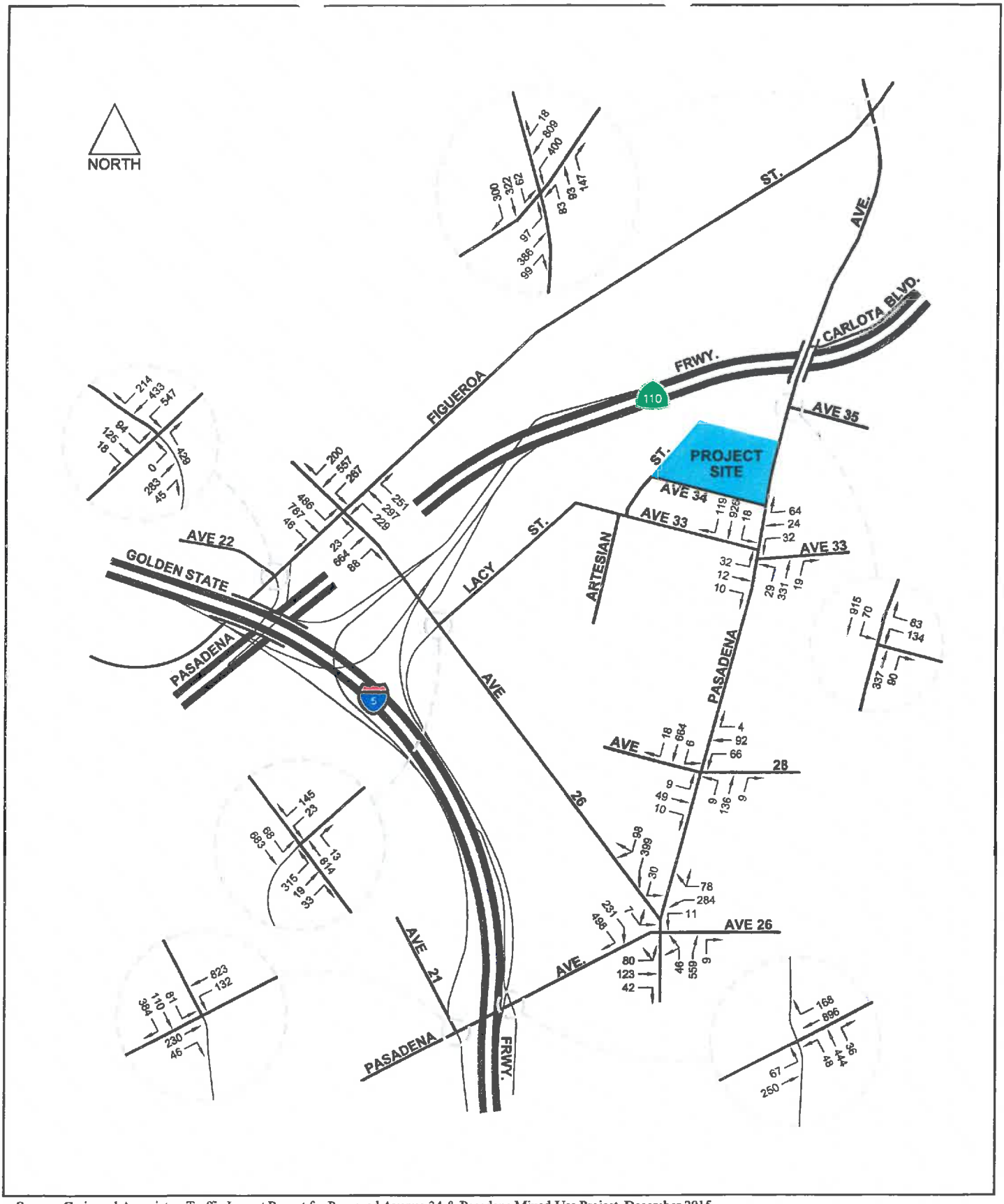
Figure III-4
Existing (2015) Traffic Volumes with Project - AM Peak Hour



Source: Crain and Associates, Traffic Impact Report for Proposed Avenue 34 & Pasadena Mixed-Use Project, December 2015.

PARKER ENVIRONMENTAL CONSULTANTS

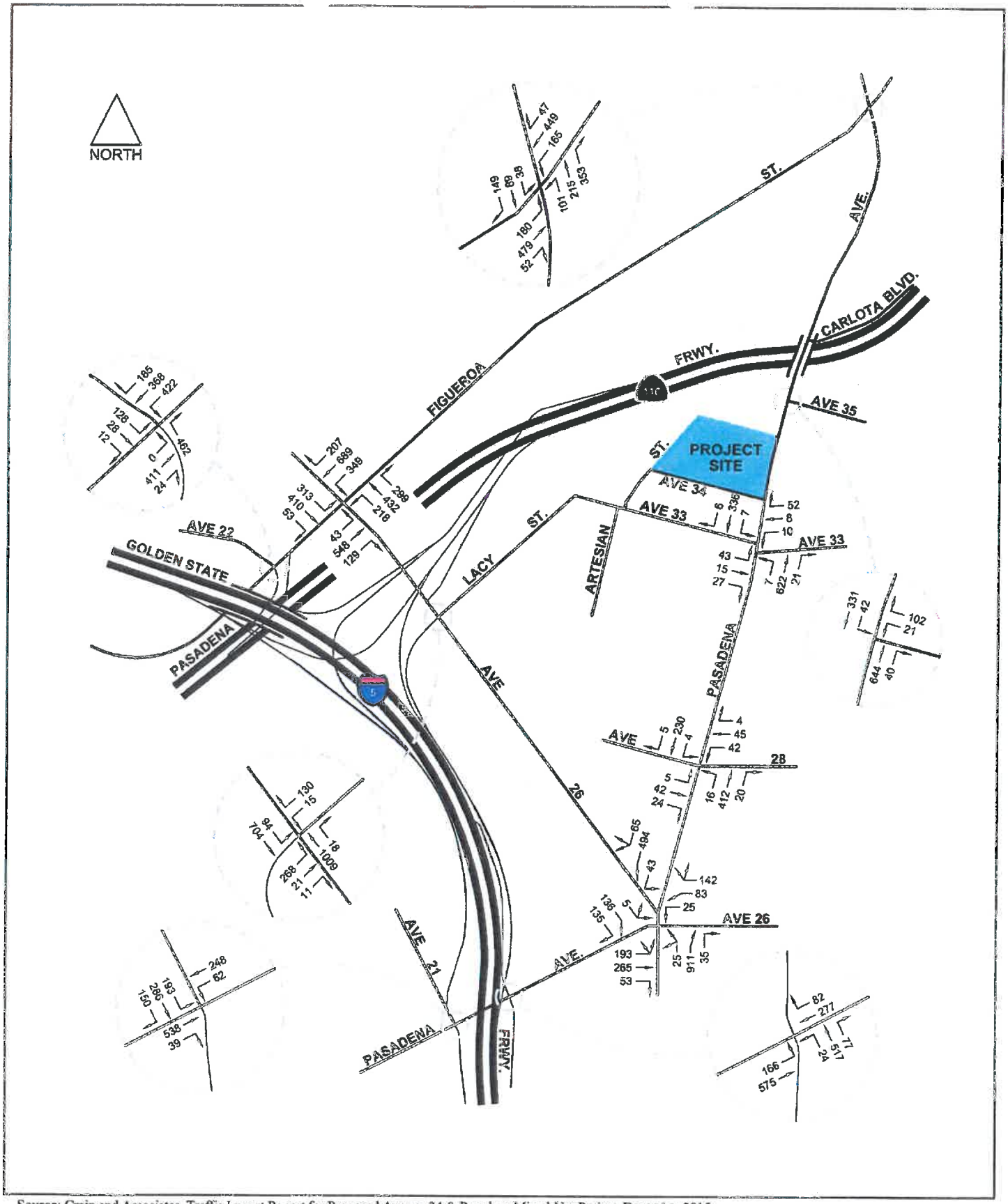
Figure III-5
Existing (2015) Traffic Volumes with Project - PM Peak Hour



Source: Crain and Associates, Traffic Impact Report for Proposed Avenue 34 & Pasadena Mixed-Use Project, December 2015.

PARKER ENVIRONMENTAL CONSULTANTS

Figure III-6
Existing (2015) Traffic Volumes with Project with TDM - AM Peak Hour



Source: Crain and Associates, Traffic Impact Report for Proposed Avenue 34 & Pasadena Mixed-Use Project, December 2015.

PARKER ENVIRONMENTAL CONSULTANTS

Figure III-7
Existing (2015) Traffic Volumes with Project with TDM - PM Peak Hour

Table III-28
Existing (2015) and Existing with Project Condition
Level of Service Summary for PM Peak Hour

Intersection	PM Peak Hour				Project Impact
	Existing		Existing with Project		
	V/C	LOS	V/C	LOS	
1. Figueroa St. & Pasadena Avenue	0.376	A	0.381	A	0.005
2. Figueroa St. & Avenue 26	0.845	D	0.848	D	0.003
3. Figueroa St. SR-110 Fwy. NB Off-Ramp/SB On-Ramp	0.457	A	0.471	A	0.014
4. I-5 Fwy. NB Off-Ramp/ Lacy St. & Avenue 26	0.664	B	0.676	B	0.012
5. Pasadena Ave. & Avenue 35	0.457	A	0.468	A	0.011
6. Pasadena Ave. & Avenue 33	0.416	A	0.441	A	0.025
7. Pasadena Ave. & Avenue 28	0.246	A	0.269	A	0.023
8. Pasadena Ave./ Avenue 26 & Daly St.	0.657	B	0.686	B	0.029
9. Pasadena Ave. & I-5 Fwy. NB On/Off-Ramp	0.331	A	0.337	A	0.006
10. Pasadena Ave. & I-5 Fwy. SB On/Off-Ramp	0.289	A	0.295	A	0.006

LOS = level of service; v/c = volume-to-capacity ratio
Source: Crain & Associates, Traffic Impact Report for Proposed Avenue 34 & Pasadena Mixed-Use Project, dated December 2015.

Table III-29
Existing (2015) and Existing with Project
Level of Service Summary with Mitigation Traffic Conditions

Intersection	Peak Hour	Existing		Existing with Project		Project Impact	Existing with Project with TDM		Project Impact with TDM
		V/C	LOS	V/C	LOS		V/C	LOS	
8. Pasadena Ave./ Avenue 26 & Daly St.	AM	0.803	D	0.823	D	0.020 *	0.820	D	0.017
	PM	0.657	B	0.686	B	0.029	0.679	B	0.022

LOS = level of service; v/c = volume-to-capacity ratio
** Indicates a significant impact using the LADOT criteria.*
Source: Crain & Associates, Traffic Impact Report for Proposed Avenue 34 & Pasadena Mixed-Use Project, dated December 2015.

Mitigation Measures:

MM-T-1 Transportation and Traffic

In addition to the TDM measures, implementing measure(s) detailed in DOT's communication to the Planning Department (DOT Case No. CEN 15-43306 dated January 28, 2016, attached) shall be complied with.

MM-T-2 Transportation Demand Management (TDM) Program

- The purpose of a TDM plan is to reduce the use of single occupant vehicles (SOV) by increasing the number of trips by walking, bicycle, carpool, vanpool and transit. A TDM plan should include design features, transportation services, education, and incentives intended to reduce the amount of SOV during commute hours. Through strategic building design and orientation, this project can facilitate access to transit, can provide a pedestrian-

friendly environment, can promote non-automobile travel and can support the goals of a trip-reduction program.

- A preliminary TDM program shall be prepared and provided for DOT review prior to the issuance of the first building permit for this project and a final TDM program approved by DOT is required prior to the issuance of the first certificate of occupancy for the project. The TDM program should include, but not be limited to, the following strategies:
    - Provide an internal Transportation Management Coordination Program with an on-site transportation coordinator;
    - Design the project to ensure a bicycle, transit, and pedestrian friendly environment;
    - Provide unbundled parking that separates the cost of obtaining assigned parking spaces from the cost of purchasing or renting residential units;
    - Accommodate flexible/alternative work schedules and telecommuting programs;
    - A provision requiring compliance with the State Parking Cash-out Law in all leases;
    - Coordinate with DOT to determine if the project location is eligible for future Integrated Mobility Hub (which can include space for a bike share kiosk, and/or parking spaces on-site for car-share vehicles;
    - Provide on-site transit routing and schedule information;
    - Provide a program to discount transit passes for residents/employees possibly through negotiated bulk purchasing passes with transit providers;
    - Provide rideshare matching services;
    - Preferential rideshare loading/unloading or parking location;
    - Contribute to a one-time fixed fee contribution of $75,000 to be deposited into the City's Bicycle Plan Trust Fund to implement bicycle improvements in the vicinity of the project.

  In addition to these TDM measures, DOT also recommends that the Applicant explore the implementation of an on-demand van, shuttle or tram service that connects the project employees to off-site transit stops based on the transportation needs of the project employees. Such a service can be included as an additional measure in the TDM program if it is deemed feasible and effective by the applicant.
- The Applicant shall implement a TDM/TMP to reduce the project trip generation by 15 percent. Specifically, the project shall not exceed a driveway trip volume count of 179 trips during the a.m. peak hour and 222 trips during the pm peak hour, at full occupancy. To achieve this peak hour driveway trip volume requirement through implementation of an on-site Transportation Demand Management (TDM) Plan the project shall implement a Trip Monitoring Program (TMP).
- The Applicant shall record a covenant and agreement to annually monitor and submit reports on the progress of the driveway trip reduction plan to DOT. Annual reports shall include a report on the observed trip generation and on the project's mode share. The detailed goals, objectives, terms and strategies of the TDM plan and reporting requirements shall be determined during the preparation of the final. The TDM plan is due prior to the issuance of any temporary or final certificate of occupancy permit for the project. The plan should also identify any appropriate penalties, should the project not achieve compliance with the targeted number of driveway trips within a year of exceeding the limits. The TMP shall continue until such time that the project has

shown, for five (5) consecutive years, at a minimum of 85% occupancy, accomplishment of the peak hour driveway trip volume requirement as listed.

MM-T-3 Transportation Systems Management (TSM) Improvements

- The Applicant shall implement the upgrades, detailed below by LADOT's ATSAC Section, through the B-Permit process. LADOT's ATSAC Section has identified the need to update the existing traffic signal system. Specifically, install one CCTV camera, a new type 2070 controller, and the necessary infrastructure (including, but not limited to, fiber optic and interconnect) to activate the new installation, at the Pasadena Avenue / Avenue 26 and Daly Street intersection. The video fiber / fiber optic improvements must be guaranteed prior to the issuance of any building permit and complete prior to the issuance of any certificate of occupancy. Temporary certificates of occupancy may be granted in the events of any delay through no fault of the applicant, provided that, in each case, the applicant has demonstrated reasonable efforts and due diligence to the satisfaction of DOT.

Future (2020) Without and With Project Conditions

Future (2020) baseline traffic volumes for the "Without Project" condition were determined by combining area ambient traffic growth with the total related projects traffic volumes. Net Project volumes were then combined with the Future (2020) Without Project traffic volumes to develop the Future (2020) with Project volumes, which were used to determine traffic impacts directly attributable to the Proposed Project. Figure III-8 and Figure III-9 illustrate the Future (2020) traffic volumes at the ten intersections without the Proposed Project during the AM and PM peak hours, respectively. Figure III-10 and Figure III-11 illustrate the traffic volumes for the studied intersections with the addition of the Proposed Project for the AM and PM peak hours, respectively. Tables III-30 and III-31 summarize the level of service for the Future (2020) with Project conditions at the analyzed intersections for the AM and PM peak hours, respectively.

Table III-30 and Table III-31 below show future traffic conditions with and without Project conditions during the AM and PM peak hours, respectively. For the Future (2020) With Project condition, it is estimated that 8 of the study intersections would continue to have acceptable levels of service (LOS A through LOS D) during both peak hours. The remaining two study intersections (Figueroa Street & Avenue 26 and Pasadena Avenue/Avenue 26 & Daly Street) are expected to operate at LOS E during the AM peak hours without the addition of Project traffic. The addition of Project traffic would create a significant impact at Figueroa Street & Avenue 26 intersection and Pasadena Avenue/Avenue 26 & Daly Street intersection during the AM peak hour.

As mentioned above, the Proposed Project would implement a Transportation Demand Management Plan to promote other modes of travel and reduce single occupant vehicles. Table III-32 shows the decrease in the v/c values for the intersections that would be significantly impacted from the Proposed Project. Figure III-12 and Figure III-13 illustrate the traffic volumes at the ten intersections with the TDM Plan. As shown in Table III-32, the impacts would be reduced to less than significant level with implementation of a TDM Plan and Transportation Monitoring Program.

Table III-30
Future (2020) Condition Level of Service Summary for AM Peak Hour

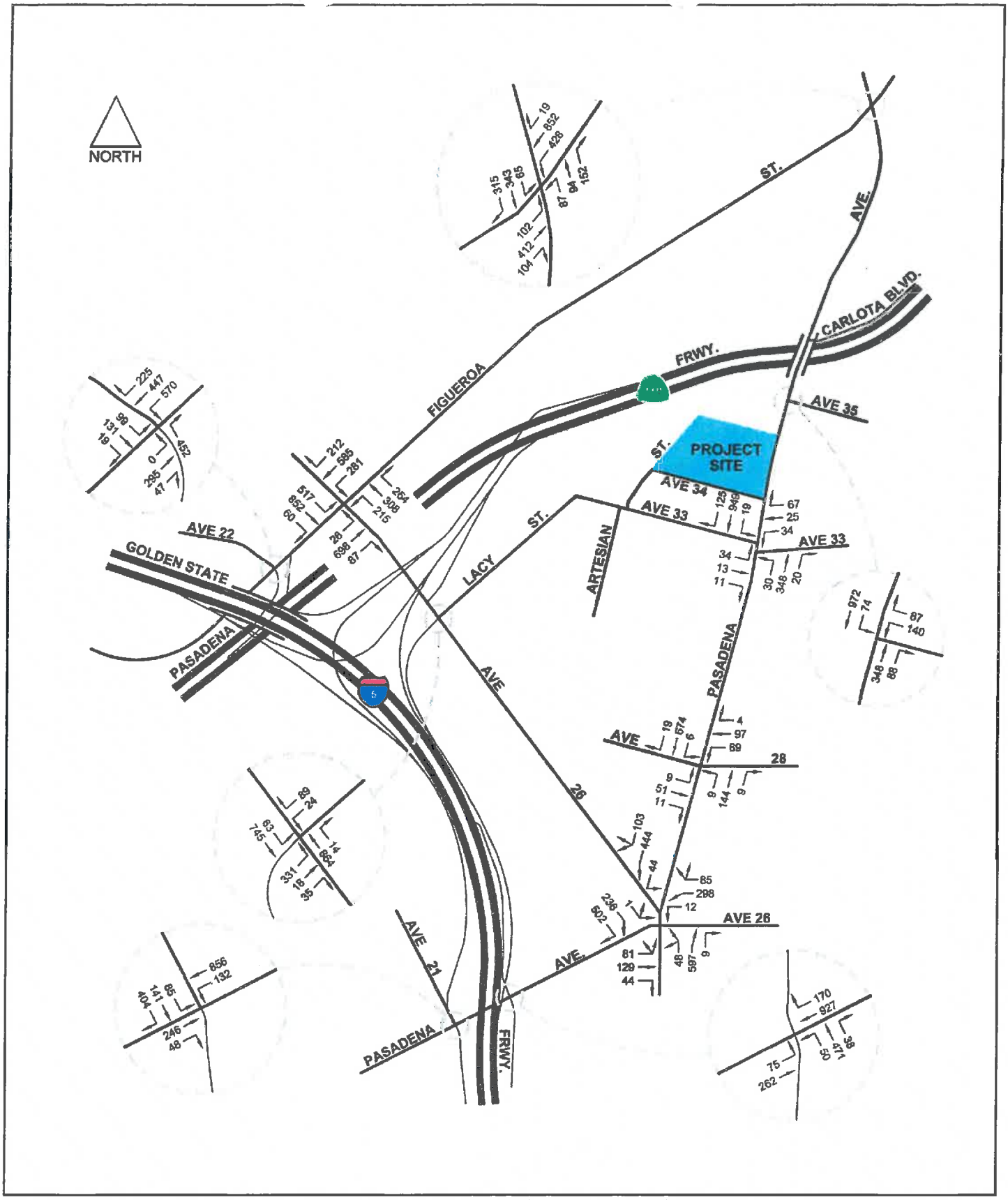
Intersection	AM Peak Hour				Project Impact
	Future Without Project		Future with Project		
	V/C	LOS	V/C	LOS	
1. Figueroa St. & Pasadena Avenue	0.683	B	0.686	B	0.003
2. Figueroa St. & Avenue 26	0.958	E	0.968	E	0.010 *
3. Figueroa St. SR-110 Fwy. NB Off-Ramp/SB On-Ramp	0.546	A	0.553	A	0.007
4. I-5 Fwy. NB Off-Ramp/ Lacy St. & Avenue 26	0.645	B	0.692	B	0.047
5. Pasadena Ave. & Avenue 35	0.699	B	0.703	C	0.004
6. Pasadena Ave. & Avenue 33	0.771	C	0.799	C	0.028
7. Pasadena Ave. & Avenue 28	0.487	A	0.515	A	0.028
8. Pasadena Ave./ Avenue 26 & Daly St.	0.901	E	0.921	E	0.020 *
9. Pasadena Ave. & I-5 Fwy. NB On/Off-Ramp	0.503	A	0.511	A	0.008
10. Pasadena Ave. & I-5 Fwy. SB On/Off-Ramp	0.325	A	0.329	A	0.004

LOS = level of service; v/c = volume-to-capacity ratio
** Indicates a significant impact using the LADOT criteria.*
Source: Crain & Associates, Traffic Impact Report for Proposed Avenue 34 & Pasadena Mixed-Use Project, dated December 2015.

Table III-31
Future (2020) Condition Level of Service Summary for PM Peak Hour

Intersection	PM Peak Hour				Project Impact
	Future Without Project		Future with Project		
	V/C	LOS	V/C	LOS	
1. Figueroa St. & Pasadena Avenue	0.404	A	0.409	A	0.005
2. Figueroa St. & Avenue 26	0.968	E	0.973	E	0.005
3. Figueroa St. SR-110 Fwy. NB Off-Ramp/SB On-Ramp	0.489	A	0.503	A	0.014
4. I-5 Fwy. NB Off-Ramp/ Lacy St. & Avenue 26	0.720	C	0.732	C	0.012
5. Pasadena Ave. & Avenue 35	0.489	A	0.501	A	0.012
6. Pasadena Ave. & Avenue 33	0.446	A	0.471	A	0.025
7. Pasadena Ave. & Avenue 28	0.267	A	0.290	A	0.023
8. Pasadena Ave./ Avenue 26 & Daly St.	0.715	C	0.744	C	0.009
9. Pasadena Ave. & I-5 Fwy. NB On/Off-Ramp	0.361	A	0.367	A	0.006
10. Pasadena Ave. & I-5 Fwy. SB On/Off-Ramp	0.313	A	0.319	A	0.006

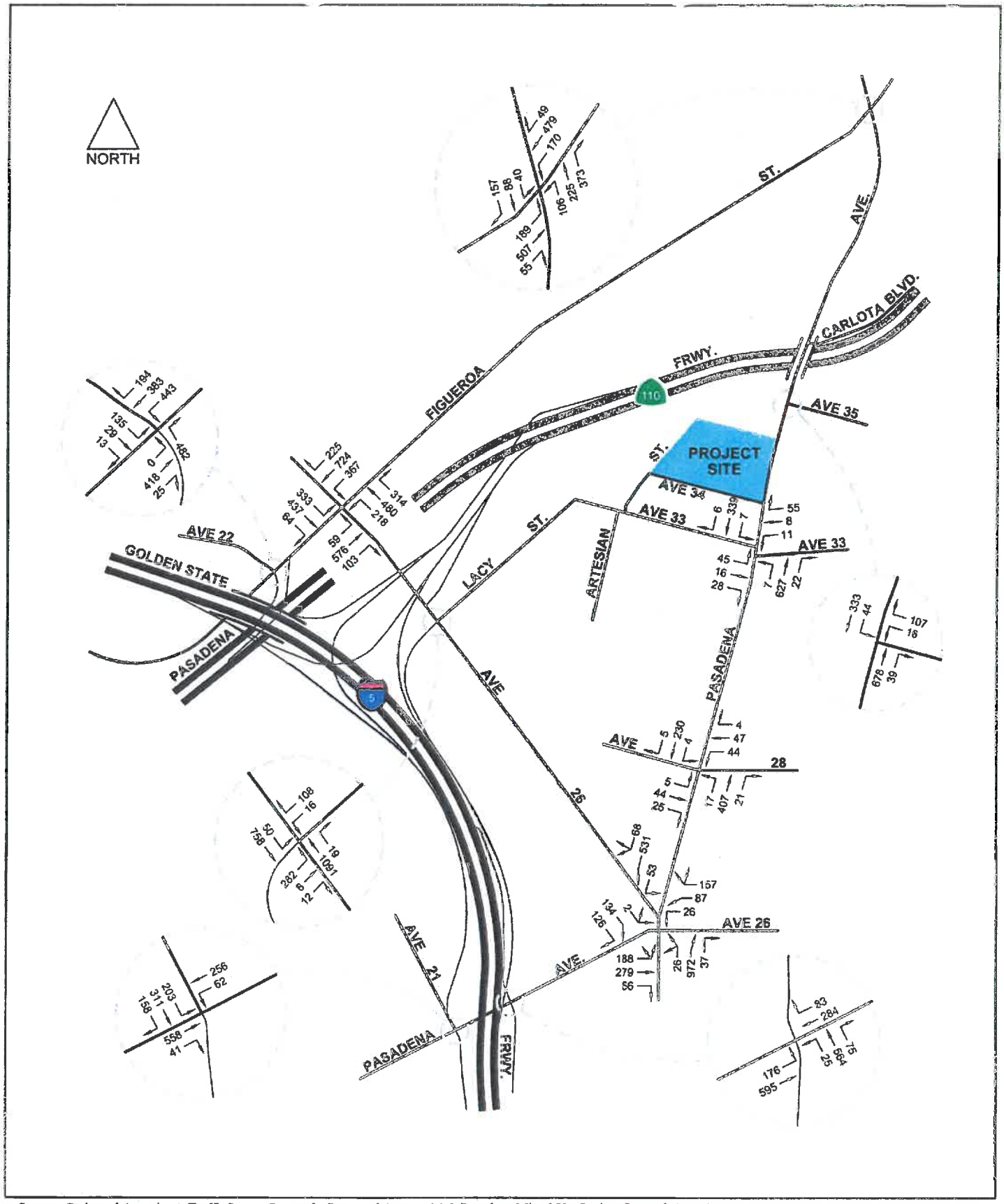
LOS = level of service; v/c = volume-to-capacity ratio
Source: Crain & Associates, Traffic Impact Report for Proposed Avenue 34 & Pasadena Mixed-Use Project, dated December 2015.



Source: Crain and Associates, Traffic Impact Report for Proposed Avenue 34 & Pasadena Mixed-Use Project, December 2015.

PARKER ENVIRONMENTAL CONSULTANTS

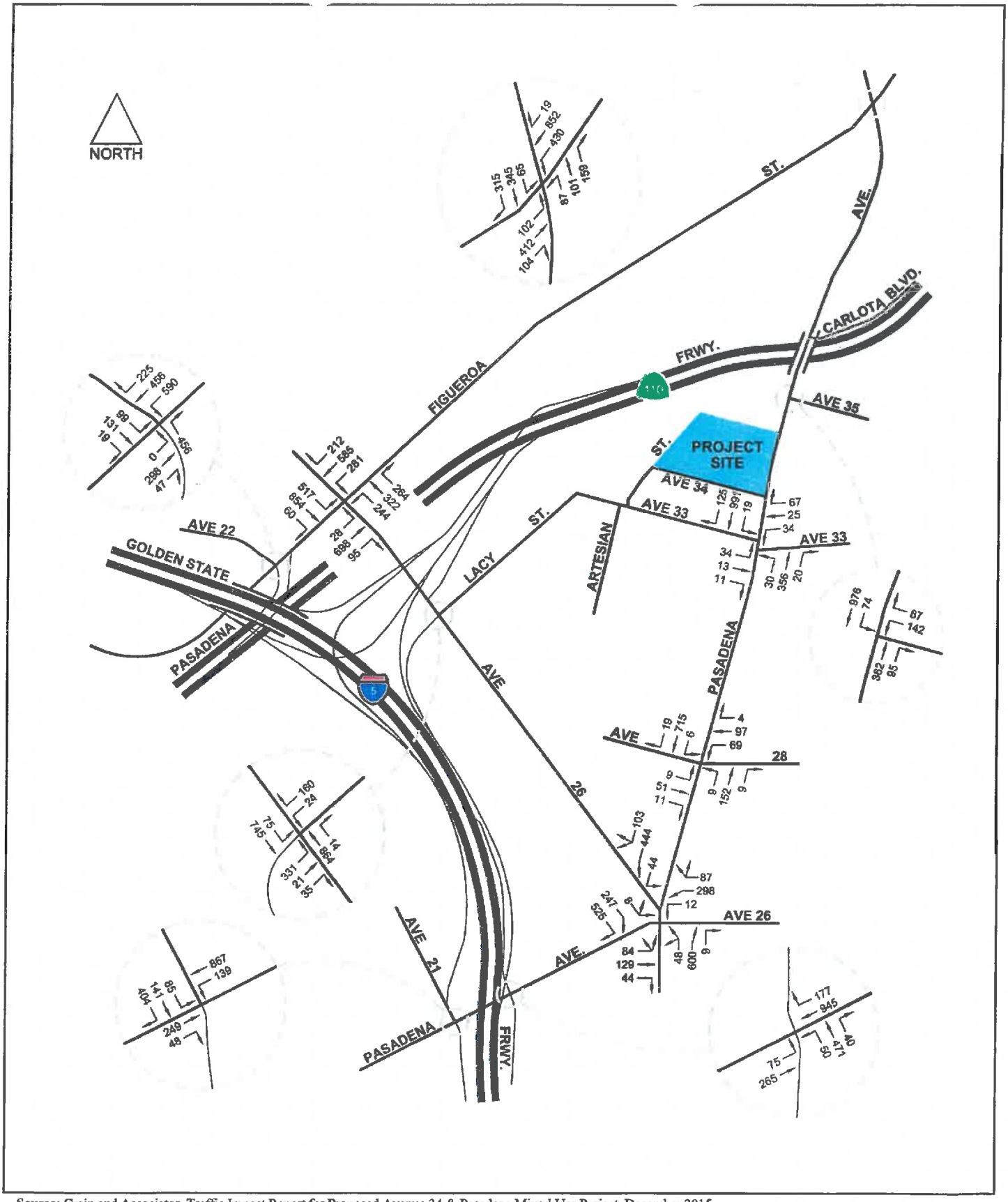
Figure III-8
Future (2020) Traffic Volumes without Project - AM Peak Hour



Source: Crain and Associates, Traffic Impact Report for Proposed Avenue 34 & Pasadena Mixed-Use Project, December 2015.

PARKER ENVIRONMENTAL CONSULTANTS

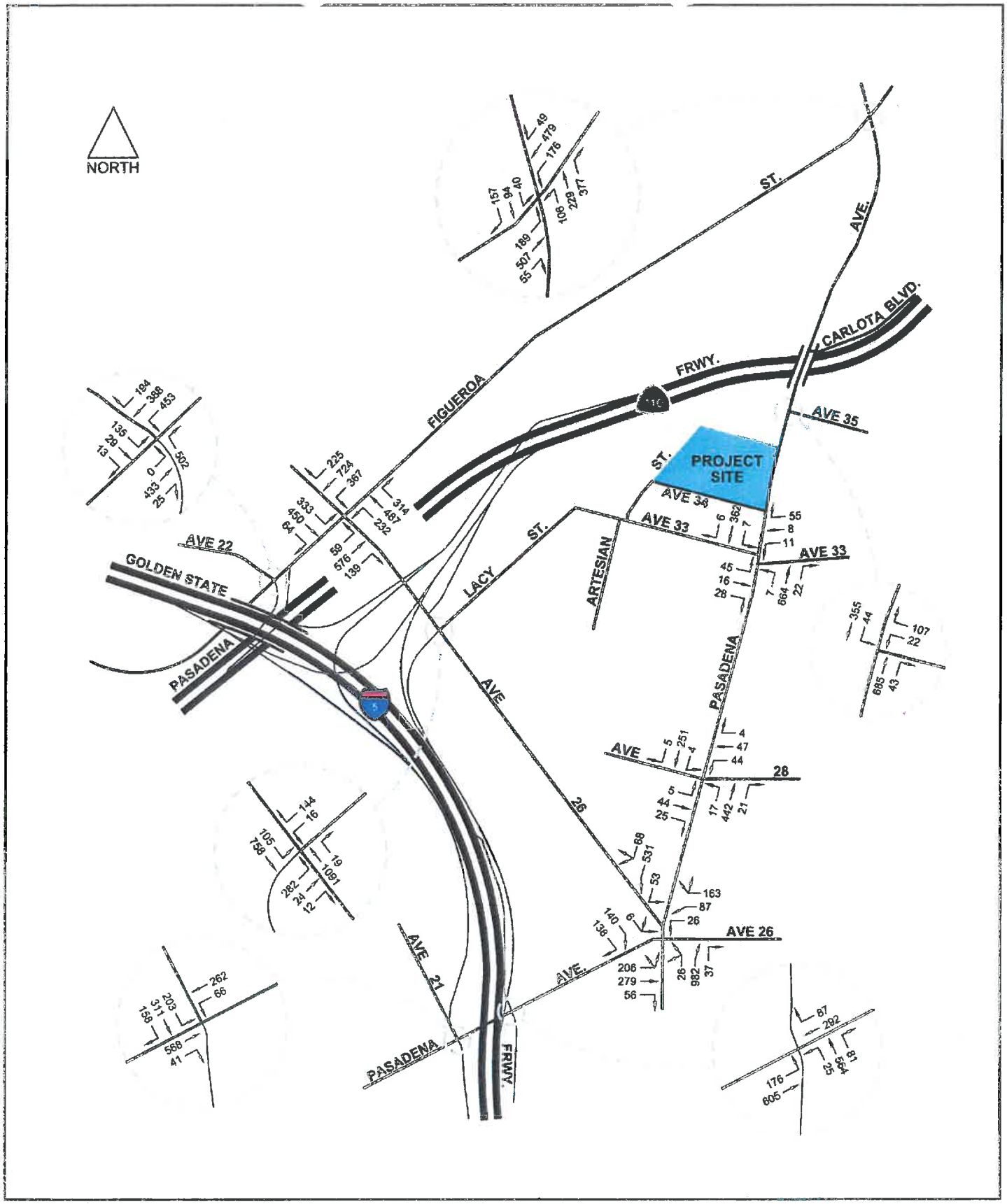
Figure III-9
Future (2020) Traffic Volumes without Project - PM Peak Hour



Source: Crain and Associates, Traffic Impact Report for Proposed Avenue 34 & Pasadena Mixed-Use Project, December 2015.

PARKER ENVIRONMENTAL CONSULTANTS

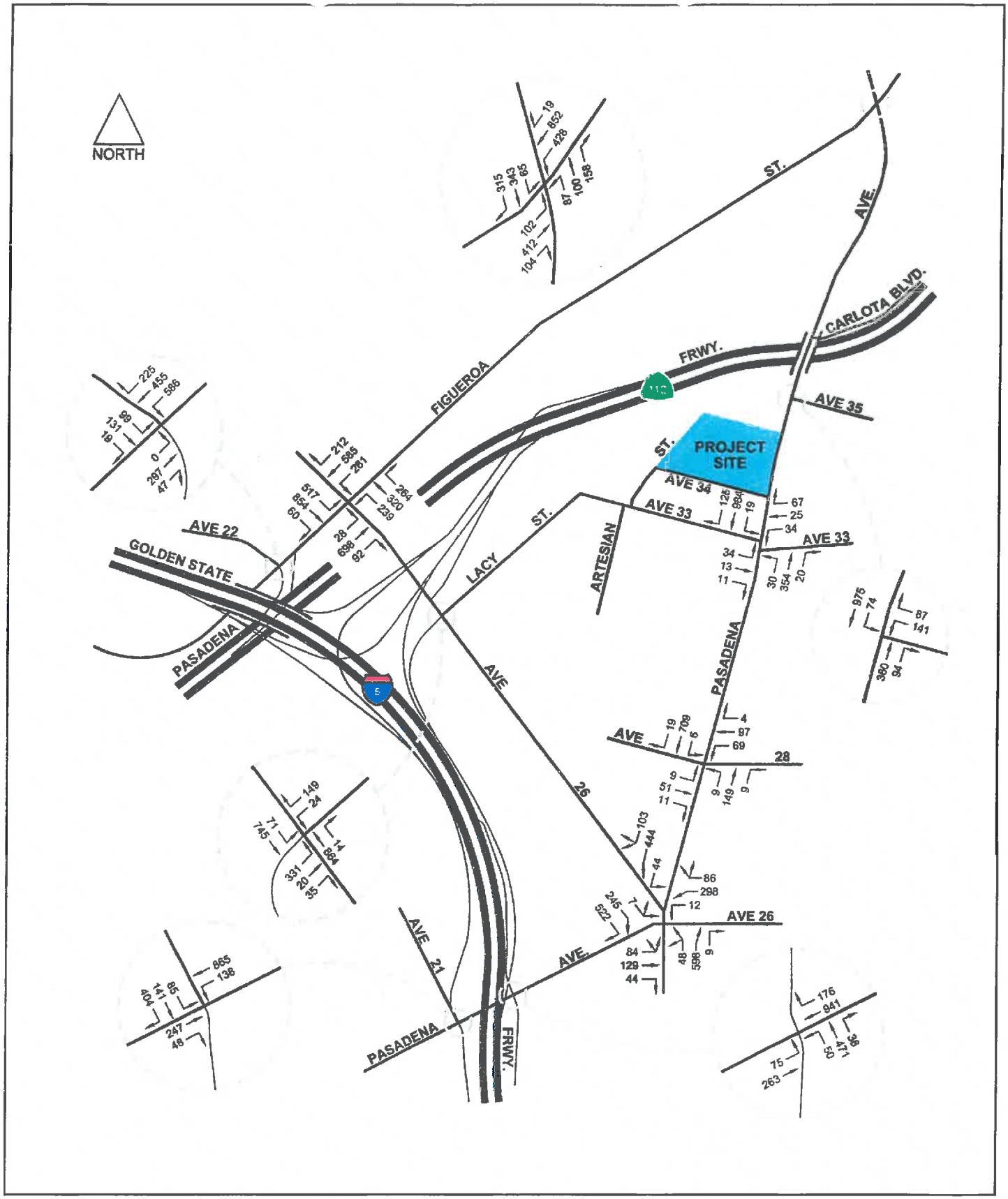
Figure III-10
Future (2020) Traffic Volumes with Project - AM Peak Hour



Source: Crain and Associates, Traffic Impact Report for Proposed Avenue 34 & Pasadena Mixed-Use Project, December 2015.

PARKER ENVIRONMENTAL CONSULTANTS

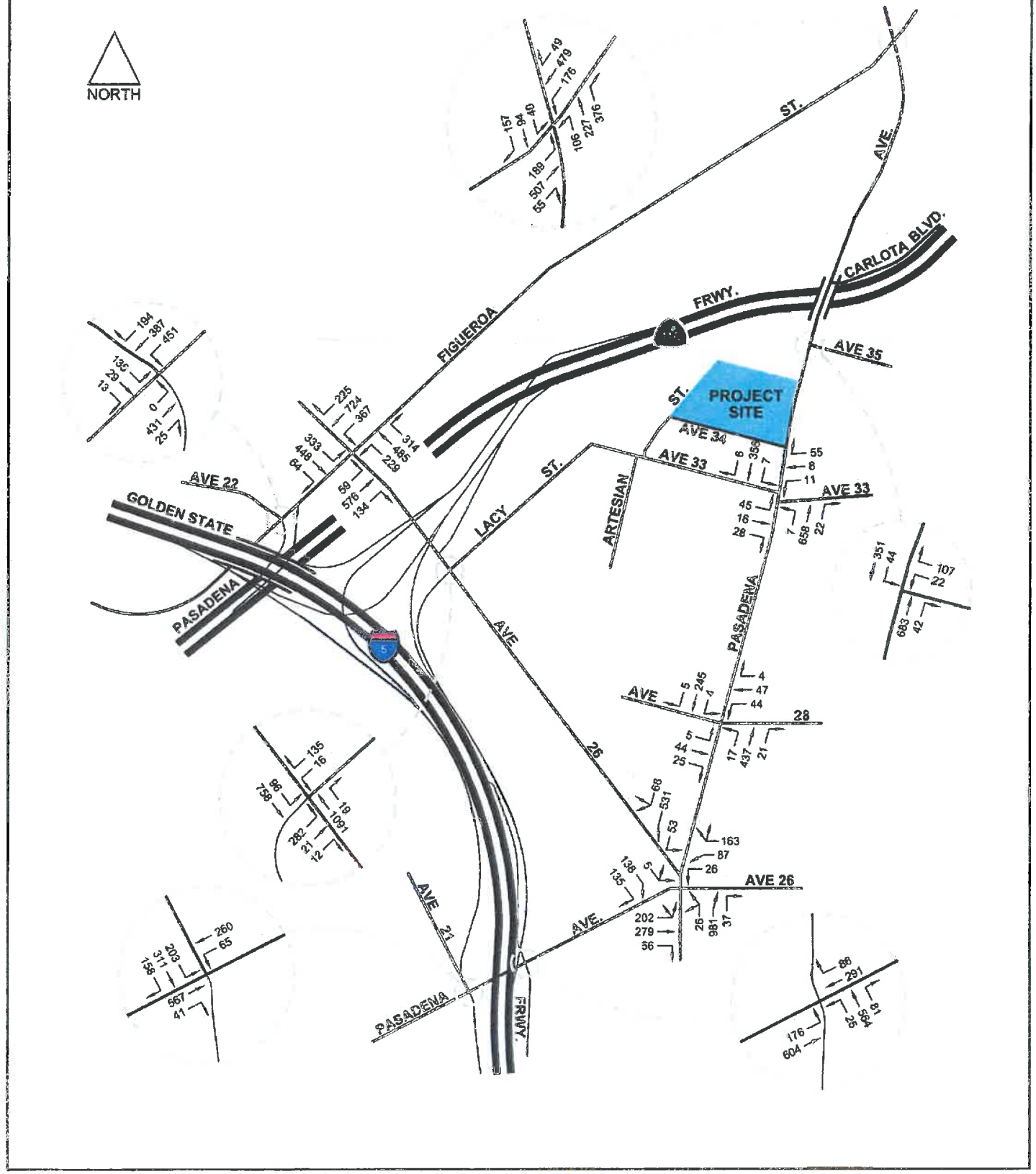
Figure III-11
Future (2020) Traffic Volumes with Project - PM Peak Hour



Source: Crain and Associates, Traffic Impact Report for Proposed Avenue 34 & Pasadena Mixed-Use Project, December 2015.

PARKER ENVIRONMENTAL CONSULTANTS

Figure III-12
Future (2020) Traffic Volumes with Project with TDM - AM Peak Hour



Source: Crain and Associates, Traffic Impact Report for Proposed Avenue 34 & Pasadena Mixed-Use Project, December 2015.

PARKER ENVIRONMENTAL CONSULTANTS

Figure III-13
Future (2020) Traffic Volumes with Project with TDM - PM Peak Hour

Table III-32
Future (2020) and Future with Project
Level of Service Summary with Mitigation Traffic Conditions

Intersection	Peak Hour	Future		Future with Project		Project Impact	Future with Project with TDM		Project Impact with TDM
		V/C	LOS	V/C	LOS		V/C	LOS	
2. Figueroa St. & Avenue 26	AM	0.958	E	0.968	E	0.010 *	0.967	E	0.009
	PM	0.968	E	0.973	E	0.005	0.971	E	0.003
8. Pasadena Ave./ Avenue 26 & Daly St.	AM	0.901	E	0.921	E	0.020 *	0.909	E	0.008
	PM	0.715	C	0.744	C	0.029	0.728	C	0.013

LOS = level of service; v/c = volume-to-capacity ratio
** Indicates a significant impact using the LADOT criteria.*
Source: Crain & Associates, Traffic Impact Report for Proposed Avenue 34 & Pasadena Mixed-Use Project, dated December 2015.

Construction Traffic

The Proposed Project would require the use of haul trucks during site clearing and excavation, and the use of a variety of other construction vehicles throughout the construction of the Proposed Project. The Proposed Project would require approximately 98,000 cy of excavated soil to be exported off site. As noted in the CalEEMod worksheets provided in the Air Quality Study, it is conservatively estimated that the earthwork and grading phase would generate up to 12,250 haul trips over an approximate 3-month period (average of 186 trips per day based on approximately 8 cy per truck[46]). The local haul route traveling to and from the I-5 Freeway would utilize Avenue 34, Pasadena Avenue, Avenue 33, Lacy Street, and Avenue 26. The haul trips would occur outside of the peak hours and during the permissible hauling hours identified in the haul route to be approved by the Department of Building and Safety. The addition of these vehicles onto the street system would contribute to increased traffic in the Project vicinity. However, the Proposed Project's construction trip traffic would be a fraction of the operational traffic that would not cause any significant impacts at the studied intersections. Therefore, it is not anticipated that they would contribute to a significant increase in the overall congestion in the Project vicinity. In addition, any truck trips would be limited to the length of time required for the Project's construction. Due to the temporary nature of the traffic, construction impacts would be less than significant with the incorporation of Mitigation Measures MM-T-4 to MM-T-6, below.

Mitigation Measures:

MM-T-4 Construction Management Plan

- A Construction work site traffic control plan shall be submitted to DOT for review and approval prior to the start of any construction work. The plans shall show the location of any roadway or sidewalk closures, traffic detours, haul routes, hours of operation, protective devices, warning signs and access to abutting properties. All construction related traffic shall be restricted to off-

[46] *The use of double belly haul trucks would increase the hauling capacity to 20 cy reducing the total haul trips to 4,900 trips, or approximately 75 trips per day.*

peak hours.

- All delivery truck loading and unloading shall take place on site or within the boundaries of an approved traffic control plan.

MM-T-5 Transportation and Traffic (Construction)

- The developer shall install appropriate traffic signs around the site to ensure pedestrian and vehicle safety at all times during the construction period.

MM-T-6 Pedestrian Safety During Construction

- The Applicant shall plan construction and construction staging as to maintain pedestrian access on adjacent sidewalks throughout all construction phases. This requires the applicant to maintain adequate and safe pedestrian protection, including physical separation (including utilization of barriers such as K-Rails or scaffolding, etc.) from work space and vehicular traffic, and overhead protection, due to sidewalk closure or blockage, at all times.
- Should permanent pedestrian routes be unavailable due to construction, safe and accessible temporary pedestrian routes shall be provided adjacent to the project site.
- Covered walkways should be provided where pedestrians are exposed to potential injury from falling objects.
- The Applicant shall keep sidewalk open during construction until only when it is absolutely required to close or block sidewalk for construction and/or construction staging. Sidewalk shall be reopened as soon as reasonably feasible taking construction and construction staging into account.

b) Would the project conflict with an applicable congestion management program, including, but not limited to level of service standards and travel demand measures, or other standards established by the county congestion management agency for designated roads or highways?

Less Than Significant Impact. A significant impact would occur if the project conflicts with an applicable congestion management program, including, but not limited to level of service standards and travel demand measures, or other standards established by the county congestion management agency for designated roads or highways. The local CMP requires that all CMP monitoring intersections be analyzed where a project would likely add 50 or more trips during the peak hours. In addition, any CMP freeway monitoring segment where a project is expected to add 150 or more trips in any direction during the peak hours is to be analyzed. The study area analyzed in the Traffic Impact Study includes the 10 intersections listed above. None of these intersections are Los Angeles County Congestion Management Plan (CMP) monitoring locations. The nearest such intersection is Sunset Boulevard/Alvarado Street (three miles southwest of the Project Site). A review of the Project trip distribution and net Project traffic additions to the study vicinity shows that Proposed Project would not add 50 or more trips to this CMP intersections. It is estimated that the Proposed Project would generate at most 6 trips during the AM peak hour and 8 trips during the PM peak hour at the intersection of Sunset Boulevard/Alvarado Street. As these volumes are below the threshold of 50 trips, no further CMP intersection analysis is warranted.

Furthermore, the nearest CMP freeway monitoring segments are the Golden State Freeway (US-101) at Stadium Way and the Arroyo Seco Parkway (SR-110) at Pasadena Avenue. Based on the Project trip generation described above, the Proposed Project is expected to add approximately 161 trips during the AM peak hour (29 inbound, 132 outbound) and 199 trips during the PM peak hour (133 inbound, 66 outbound) to the adjacent street system. These direction amounts are less than the freeway threshold of 150 directional trips. Therefore, no significant impact to any CMP freeway monitoring location is forecast and no additional freeway analysis is necessary. As such, the Proposed Project would not conflict with the adopted CMP and Project impacts would be less than significant.

c) Would the project result in a change in air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks?

No Impact. This question would apply to the Proposed Project only if it involved an aviation-related use or would influence changes to existing flight paths. The Proposed Project does not include any aviation-related uses and would have no airport impact. It would also not require any modification of flight paths for the existing airports in Los Angeles. Therefore, no impact would occur.

d) Would the project substantially increase hazards due to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?

Potentially Significant Unless Mitigation Incorporated. A significant impact may occur if the Proposed Project includes new roadway design or introduces a new land use or features into an area with specific transportation requirements and characteristics that have not been previously experienced in that area, or if Project Site access or other features were designed in such a way as to create hazard conditions. Current vehicular access to the Project Site is provided by six driveways off the north side of Avenue 34 and two driveways off the west side of Pasadena Avenue. Sliding gates secure the driveways and access on-site. Vehicular access for the Project parking would be provided via two driveways along Avenue 34 for residential and mixed commercial and residential purposes. An additional driveway serving the commercial loading dock and short-term retail parking would be located along Pasadena Avenue.

The proposed site plan for the Project is acceptable to the Department of Transportation. However, the review does not constitute approval of the driveway dimensions and circulation schemes. All new driveways should be Case 2 driveways and 30 feet wide for two-way operations. Any security gates should be minimum of 20 feet from the property line or to the satisfaction of LADOT. The Applicant will consult with LADOT for the applicable driveway width standards, internal circulation and truck loading requirements so that such traffic flow considerations are designed and incorporated early into the building and parking layout plans. As stated in Mitigation Measure MM-T-1, above, the Proposed Project shall comply with the requirements stated in the LADOT Assessment Letter. As such, the Proposed Project would include new vehicular access driveways that would not conflict with pedestrian circulation and traffic. These Site access and circulation schemes would be further reviewed and approved by LADOT. Therefore, the Project's potential increase hazards due to design features or incompatible uses would be mitigated to a less than significant level.

e) Would the project result in inadequate emergency access?

Less Than Significant Impact. A significant impact may occur if the Project design would not provide emergency access meeting the requirements of the LAFD, or in any other way threatened the ability of emergency vehicles to access and serve the Project Site or adjacent uses.

As previously discussed in Section VIII(g), the Proposed Project is not located on or near an adopted emergency response or evacuation plan. Development of the Project Site may require temporary and/or partial street closures due to construction activities. However, any such closures would be temporary in nature and would be coordinated with the Departments of Transportation, Building and Safety, and Public Works. Nonetheless, while such closures may cause temporary inconvenience, they would not be expected to substantially interfere with emergency response or evacuation plans. Therefore, the impacts would be less than significant.

As described in Section XIV(a), the Proposed Project would satisfy the emergency response requirements of the LAFD. There are no hazardous design features included in the access design or site plan for the Proposed Project that could impede emergency access. Furthermore, the Proposed Project would be subject to the site plan review requirements of the LAFD and the LAPD to ensure that all access roads, driveways and parking areas would remain accessible to emergency service vehicles. Therefore, the Proposed Project would not be expected to result in inadequate emergency access, and the impact would be less than significant.

f) Would the project conflict with adopted policies, plans, or programs regarding public transit, bicycles, or pedestrian facilities, or otherwise decrease the performance or safety of such facilities?

Less Than Significant Impact. A significant impact may occur if the Proposed Project would conflict with adopted policies or involve modification of existing alternative transportation facilities located on- or off-site. Development of the Proposed Project would not result in the disruption of public transportation services or the substantial alteration of public transportation routes. Consistent with the City's Bicycle Ordinance, the Proposed Project would provide 383 long-term bicycle stalls and 46 short-term bicycle parking stalls. Furthermore, the Proposed Project would not permanently interfere with any class I or class II bikeway systems or pedestrian facilities; although, the Project would result in temporary construction disturbances to pedestrian and bike lane facilities due to construction vehicles entering and exiting the Project Site and temporary sidewalk closures. Throughout the duration of the Project's construction phase, safe pedestrian access would be maintained along the east side of Pasadena Avenue. Pedestrian access on the west side of Pasadena Avenue may close temporarily during the duration of the Project's construction phase. As such, safe pedestrian access along Pasadena Avenue would be maintained at all times throughout the construction of the Proposed Project. During the construction, Mitigation Measure MM-T-6, above, would ensure pedestrian safety and access along the portions that border the Project Site. Since the Proposed Project would not modify or conflict with any alternative transportation policies, plans or programs, the Proposed Project would have a less than significant impact on such programs.

Cumulative Impacts

Potentially Significant Unless Mitigation Incorporated. Development of the Proposed Project in conjunction with the three related projects would result in an increase in average daily vehicle trips and peak hour vehicle trips in the Northern Los Angeles Community Plan Area. As noted in Table III-30 and III-31, above, two of the ten study intersections would be significantly impacted by Project traffic under Future (2020) conditions. As shown in Table III-32, Mitigation Measures MM-T-1 through MM-T-3 would off set the increased traffic and reduce trips from single occupant vehicles by implementing a Transportation Demand Management Plan. Therefore, the Proposed Project's cumulative impacts would be mitigated to a less than significant level.

XVII. UTILITIES AND SERVICE SYSTEMS

a) Would the project exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board?

Less Than Significant Impact. A significant impact would occur if a project exceeds wastewater treatment requirements of the applicable Regional Water Quality Control Board. Section 13260 of the California Water Code states that persons discharging or proposing to discharge waste that could affect the quality of the waters of the State, other than into a community sewer system, shall file a Report of Waste Discharge (ROWD) containing information which may be required by the appropriate Regional Water Quality Control Board (RWQCB). The RWQCB then authorizes an NPDES permit that ensures compliance with wastewater treatment and discharge requirements. The Los Angeles RWQCB (LARWQCB) enforces wastewater treatment and discharge requirements for properties in the Project area.

Wastewater from the Project Site is conveyed via municipal sewage infrastructure maintained by the Los Angeles Bureau of Sanitation to the Hyperion Water Reclamation Plant (HWRP). The HWRP is a public facility and is subject to the State's wastewater treatment requirements. Wastewater from the Project Site is and would continue to be treated according to the wastewater treatment requirements enforced by the LARWQCB. Therefore, impacts associated with wastewater treatment requirements would be less than significant.

b) Would the project require or result in the construction of new water or wastewater treatment facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?

Less Than Significant Impact. A significant impact may occur if a project would increase water consumption or wastewater generation to such a degree that the capacity of facilities currently serving the Project Site would be exceeded. Based on the *L.A. CEQA Thresholds Guide*, the determination of whether a project results in a significant impact on water shall be made considering the following factors: (a) the total estimated water demand for the project; (b) whether sufficient capacity exists in the water infrastructure that would serve the project, taking into account the anticipated conditions at project buildout; (c) the amount by which the project would cause the projected growth in population, housing or employment for the Community Plan area to be exceeded in the year of the project completion; and (d)

the degree to which scheduled water infrastructure improvements or project design features would reduce or offset service impacts.

Water Treatment Facilities and Existing Infrastructure

The Los Angeles Department of Water and Power (LADWP) ensures the reliability and quality of water supply through an extensive distribution system that includes more than 7,200 miles of pipes, more than 100 storage tanks and reservoirs within the City, and eight storage reservoirs along the Los Angeles Aqueducts. Much of the water flows north to south, entering Los Angeles at the Los Angeles Aqueduct Filtration Plant (LAAFP) in Sylmar, which is owned and operated by LADWP. Water entering the LAAFP undergoes treatment and disinfection before being distributed throughout the LADWP's Water Service Area. The LAAFP has the capacity to treat approximately 600 million gallons per day (mgd).[47] The average plant flow is approximately 450 mgd during the non-summer months and 550 mgd during the summer months, and operates at between 75 and 90 percent capacity. Therefore, the LAAFP has a remaining capacity of treating approximately 50 to 150 mgd, depending on the season.[48]

As shown in Table III-33 below, the Proposed Project would generate a net increase in water demand of approximately 53,633 gallons per day (gpd) of water, significantly below available capacity. Because the Proposed Project is consistent with the zoning and General Plan land use designations, and the Project's population growth is within SCAG's forecast, the Project's increased water demand would not measurably reduce the LAAFP's treatment capacity; therefore, no new or expanded water treatment facilities would be required. With respect to water treatment facilities, the Proposed Project would have a less-than-significant impact.

[47] *Los Angeles Department of Water and Power, website: http://wsoweb.ladwp.com/Aqueduct/historyoflaa/waterquality.htm, accessed February 2016.*

[48] *Los Angeles Department of Water and Power, website: http://www.ladwp.com/, accessed February 2016.*

Table III-33
Proposed Project Estimated Water Demand

Type of Use	Size	Water Demand Rate (gpd/unit) [a]	Total Water Demand (gpd)
Existing Uses			
Industrial	118,284 sf	0.024 gpd/sf	2,839
Proposed Project			
Residential Units (372 total du)			
Studio	167 du	96 gpd/du	16,032
One Bedroom	110 du	144 gpd/du	15,840
Two-Bedroom	95 du	192 gpd/du	18,240
Commercial			
Creative Office	30,000 sf	0.18 gpd/sf	5,400
Retail	10,000 sf	0.096 gpd/sf	960
		Total Project Water Demand:	**56,472**
		Less Existing Water Demand:	*-2,839*
		NET Additional Water Demand:	**53,633**

Notes: sf =square feet; du = dwelling units, gpd: gallons per day
[a] *L.A. CEQA Thresholds Guide (2006), Exhibit M.2-12. Consumption Rates based on 120% of the City of Los Angeles Department of Public Works, Bureau of Sanitation Sewer Generation Rates table, March 20, 2002.*
Parker Environmental Consultants, 2016.

Although no system upgrades are anticipated at this time, the water system would be verified again at the time of construction. In the event that water main and/or other infrastructure upgrades are required for the proposed development, such infrastructure improvements would be conducted within the right-of-way easements serving the Project area, and would not create a significant impact to the physical environment. This is largely due to the fact that (a) any disruption of service would be short-term, (b) the replacement of the water mains would be within public rights-of-way, and (c) any foreseeable infrastructure improvements would be limited to the immediate Project vicinity. Therefore, potential impacts resulting from water infrastructure improvements would be less than significant.

Wastewater Treatment Facilities and Existing Infrastructure

Based upon the criteria established in the *L.A. CEQA Thresholds Guide*, a project would normally have a significant wastewater impact if: (a) the project would cause a measurable increase in wastewater flows to a point where, and a time when, a sewer's capacity is already constrained or that would cause a sewer's capacity to become constrained; or (b) the project's additional wastewater flows would substantially or incrementally exceed the future scheduled capacity of any one treatment plant by generating flows greater than those anticipated in the Wastewater Facilities Plan or General Plan and its elements.

The Los Angeles Bureau of Sanitation provides sewer service to the Proposed Project area. Sewage from the Project Site is conveyed via sewer infrastructure to the Hyperion Water Reclamation Plant (HWRP). The Hyperion Water Reclamation Plant treats an average daily flow of 275 million gallons per day (mgd) on a dry weather day. Because the amount of wastewater entering the HWRP can double on rainy days, the plant was designed to accommodate both dry and wet weather days with a maximum daily flow of

450 mgd and a peak wet weather flow of 800 mgd.[49] This equals a remaining capacity of 175 mgd of wastewater able to be treated at the HWRP. As shown in Table III-34, the Proposed Project would generate a net increase of approximately 44,694 gpd of wastewater, representing a fraction of one percent of the available capacity. The Project Site is served by an existing 8-inch sewer pipe located south of the Project Site along the middle of W. Avenue 34. and a 15-inch pipe along Pasadena Avenue.[50] In accordance with the *L.A. CEQA Thresholds Guide*, the estimated sewer flows were based on the sewerage generation factors for residential and commercial categories (City of Los Angeles, Bureau of Sanitation, 1996). The HWRP has a remaining capacity of 175 additional mgd, and as such would have adequate capacity to serve the Project Site. Therefore, impacts to sewer capacity and infrastructure would be less than significant.

Table III-34
Proposed Project Estimated Wastewater Generation

Type of Use	Size	Wastewater Generation Rate (gpd/unit) [a]	Total Wastewater Generation (gpd)
Existing Uses			
Industrial	118,284 sf	0.02 gpd/sf	2,366
Proposed Project			
Residential Units (372 total du)			
Studio	167 du	80 gpd/du	13,360
One Bedroom	110 du	120 gpd/du	13,200
Two-Bedroom	95 du	160 gpd/du	15,200
Commercial			
Creative Office	30,000 sf	0.15 gpd/sf	4,500
Retail	10,000 sf	0.08 gpd/sf	800
		Total Project Wastewater Generation:	**47,060**
		Less Existing Wastewater Generation:	*-2,366*
		NET TOTAL Wastewater Generation:	**44,694**

Notes: sf =square feet; du = dwelling units, gpd: gallons per day
[a] *L.A. CEQA Thresholds Guide (2006), Exhibit M.2-12.*
Parker Environmental Consultants, 2016.

Based on communication from the Bureau of Sanitation, adequate capacity is available to handle the anticipated discharge from the Proposed Project as indicated in the Sewer Capacity Availability request (SCAR). The Project Site currently served by 8-inch diameter sewer pipes running along Avenue 34 and a 15-inch sewer pipe along Pasadena Avenue. Based on the estimated sewer flows indicated in Table III-34 above, Bureau of Engineering has approved the SCAR request. Through the rules and regulations

---

[49] *City of Los Angeles Department of Public Works, Bureau of Sanitation, Hyperion Water Reclamation Plant, website: http://lasewers.org/treatment_plants/hyperion/tour/index.htm, accessed* October *2016.*

[50] *City of Los Angeles Bureau of Engineering, Sewer Capacity Availability Request (SCAR) Letter, 141 W. Avenue 34, February 1, 2016.*

established in the City of Los Angeles Sewer Allocation Ordinance (Ord. 166,060), the Bureau of Sanitation will verify the gauging of the sewer lines and make the appropriate decisions on how best to connect to the local sewer lines at the time of construction. If it is later determined that the local sewer system has insufficient capacity to serve the Proposed Project, the Applicant would be required to replace or build new sewer lines to a point in the sewer system with sufficient capacity to accommodate the Proposed Project's increased flows. Any infrastructure improvements to update or expand the sewer lines in the Project vicinity, if necessary, would be limited to trenching, excavating and backfilling the sewer lines beneath the public right-of way. Such construction activities would be localized in nature and would generally involve partial lane closures for a relatively short duration of time typically lasting a few days to a few weeks. Impacts to sewer capacity and infrastructure would be less than significant.

c) Would the project require or result in the construction of new storm water drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?

Less Than Significant Impact. A significant impact may occur if the volume of stormwater runoff would increase to a level exceeding the capacity of the storm drain system serving a project site, resulting in the construction of new stormwater drainage facilities. As described in Question IX(c) the Proposed Project would not result in a significant increase in site runoff, or any changes in the local drainage patterns. The Proposed Project would be required to demonstrate compliance with Low Impact Development Ordinance standards and retain or treat the first ¾-inch of rainfall in a 24-hour period. The Proposed Project Site is currently developed with manufacturing facilities and surface loading/parking areas. Runoff from the Project Site currently is and would continue to be directed towards existing storm drains in the Project vicinity. As stated previously in Section IX, the Project shall comply with the LID Plan, Standard Urban Stormwater Mitigation Plan (SUSMP), Environmental [Q] Conditions 13 - 17, and/or the site-specific mitigation plan to mitigate stormwater pollution as required by Ordinance Nos. 172,176 and 173,494. The appropriate design and application of Best Management Practices (BMP) devices and facilities shall be determined by the Watershed Protection Division of the Bureau of Sanitation, Department of Public Works. Thus, development of the Proposed Project would not create or contribute to runoff water, which may exceed the capacity of existing or planned stormwater drainage systems. Therefore, Project impacts would be considered less than significant.

d) Would the project have sufficient water supplies available to serve the project from existing entitlements and resources, or are new or expanded entitlements needed?

Less Than Significant Impact. A significant impact may occur if a project would increase water consumption to such a degree that new water sources would need to be identified. Based on the *L.A. CEQA Thresholds Guide*, the determination of whether the project results in a significant impact on water shall be made considering the following factors: (a) the total estimated water demand for the project; (b) whether sufficient capacity exists in the water infrastructure that would serve the project, taking into account the anticipated conditions at project buildout; (c) the amount by which the project would cause the projected growth in population, housing or employment for the Community Plan area to be exceeded in the year of the project completion; and (d) the degree to which scheduled water infrastructure improvements or project design features would reduce or offset service impacts.

The City's water supply comes from local groundwater sources, the Los Angeles-Owens River Aqueduct, State Water Project, and from the Metropolitan Water District (MWD) of Southern California, which is obtained from the Colorado River Aqueduct. The MWD utilizes a land-use based planning tool that allocates projected demographic data from the SCAG into water service areas for each of MWD's member agencies. The 2015 Urban Water Management Plan (UWMP), which estimates future demand based on population and growth estimated reported in SCAG's RTP/SCS, projects a total water demand and supply of 675,685 AFY in 2040. With its current water supplies, planned future water conservation, and planned future water supplies, LADWP will be able to reliably provide water to its customers through the 25-year planning period covered by the 2015 UWMP. Through various conservation strategies, the LADWP will be able to reduce the City's water demand during dry years to respond to any reductions to water supplies during multiple dry years.

As shown in Table III-33, the Proposed Project's net increase in water demand would be 53,633 gallons per day. The Proposed Project would be consistent with the allowable land uses and density that are planned for the Project Site and is therefore within the growth projections of SCAG's RTP/SCS. Accordingly, the Project's anticipated water demand has been accounted for and would not exceed the water demand estimates of the City's 2015 UWMP. Thus, the Proposed Project would have a less-than-significant impact on water demand. In addition, pursuant to LAMC Section 122.03(a), the Proposed Project is required to utilize water saving devices including, but not limited to, urinals equipped with flush-o-meter valves, which flush with a maximum of 1.28 gallons, which would further reduce impacts associated with this issue to a level that is less than significant. Environmental impacts would further be reduced by implementation of the following regulatory compliance measures:

- **(Green Building Code):** The Project shall implement all applicable mandatory measures within the LA Green Building Code that would have the effect of reducing the Project's water use.

- **(Landscape):** The Project shall comply with Ordinance No. 170,978 (Water Management Ordinance), which imposes numerous water conservation measures in landscape, installation, and maintenance (e.g., use drip irrigation and soak hoses in lieu of sprinklers to lower the amount of water lost to evaporation and overspray, set automatic sprinkler systems to irrigate during the early morning or evening hours to minimize water loss due to evaporation, and water less in the cooler months and during the rainy season).

Compliance with the regulatory compliance measures identified above would reduce the Proposed Project's demands for potable water resources to a less than significant level.

Cumulative Impacts

Less Than Significant Impact. Development of the Proposed Project, related projects and the cumulative growth throughout the City of Los Angeles, would further increase the demand for potable water within the City. Through the 2015 Urban Water Management Plan, the LADWP has demonstrated that it can provide adequate water supplies for the City through the year 2040. This estimate is based in part on demographic projections obtained for the LADWP service area from the Metropolitan Water District (MWD). The MWD utilizes a land-use based planning tool that allocates projected demographic

data from the Southern California Association of Governments (SCAG) into water service areas for each of MWD's member agencies. MWD's demographic projections use data reported in SCAG's 2008 Regional Transportation Plan (RTP). As discussed previously in this section under the Population and Housing subheading, the Proposed Project's growth is consistent with SCAG's growth projections for the City of Los Angeles subregion. The Proposed Project is consistent with the underlying allowable uses per the LAMC and would not exceed the allowable density for the Project Site. As such, the additional water demands generated by the Proposed Project are accounted for in the 2015 Urban Water Management Plan.

Development of the Proposed Project in conjunction with the three related projects would further increase regional demands on LAAFP's capacity. The impact of the continued growth of the region would likely have the effect of diminishing the daily excess capacity of the LAAFP's service to the City of Los Angeles. The Proposed Project and related projects cumulative water demand can be seen in Table III-35, below. As shown in Table III-35, the net water demand of the three related projects and the Proposed Project totals approximately 164,139 gpd or 0.17 mgd. Of the 50 to 150 mgd available water treatment capacity in LAAFP, the cumulative demand of 0.17 mgd would not significantly reduce its capacity. As such, cumulative impacts with respect to water demand would be less than significant.

Table III-35
Estimated Cumulative Water Demand

Type of Use	Size	Water Demand Rate (gpd/unit) [a]	Total Water Demand (gpd)
Related Projects			
Dwelling Units [b]	354 du	192 gpd/du	67,968
Senior Apartments [c]	100 du	144 gpd/du	14,400
Medical Office	66,000 sf	0.3 gpd/sf	19,800
Retail	40,000 sf	0.096 gpd/sf	3,840
School: Middle School	74 stu	9.6 gpd/student	710
School: High School	263 stu	14.4 gpd/stu	3,787
		Total Related Projects Water Demand:	**110,506**
		Total Project Water Demand:	53,633
		TOTAL CUMULATIVE:	**164,139**
		Project % of Cumulative	**33%**

Notes: sf =square feet; du = dwelling units, gpd = gallons per day, stu = student
[a] *L.A. CEQA Thresholds Guide (2006), Exhibit M.2-12. Consumption Rates based on 120% of the City of Los Angeles Department of Public Works, Bureau of Sanitation Sewer Generation Rates table, March 20, 2002.*
[b] *Dwelling units include condominiums and multi-family residential units. Consumption rate was based on two bedrooms per unit as a conservative estimate.*
[c] *Senior Apartments assume one bedroom per dwelling unit.*
Parker Environmental Consultants, 2016.

e) Would the project result in a determination by the wastewater treatment provider which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?

Less Than Significant Impact. Based upon the criteria established in the *L.A. CEQA Thresholds Guide*, a project would normally have a significant wastewater impact if: (a) the project would cause a measurable increase in wastewater flows to a point where, and a time when, a sewer's capacity is already constrained or that would cause a sewer's capacity to become constrained; or (b) the project's additional wastewater flows would substantially or incrementally exceed the future scheduled capacity of any one treatment plant by generating flows greater than those anticipated in the Wastewater Facilities Plan or General Plan and its elements. As stated in Checklist Question XVII(b), above, the sewage flow would ultimately be conveyed to the Hyperion Water Reclamation Plant, which has sufficient capacity for the Proposed Project.[51] Therefore, impacts would be less than significant.

Cumulative Impacts

Less Than Significant Impact. Development of the Proposed Project in conjunction with the three related projects would further increase regional demands on the HWRP's capacity. The impact of the continued growth of the region would likely have the effect of diminishing the daily excess capacity of the HWRP's service to the City of Los Angeles. The related projects cumulative wastewater demand can be seen in Table III-36, Projected Cumulative Wastewater Generation. As shown in Table III-36, the net wastewater demand of the three related projects and the Proposed Project totals approximately 136,782 gpd or 0.14 mgd. Of the 175 mgd available in HWRP, the cumulative demand of 0.14 mgd accounts for a small fraction of one percent of the available capacity and would not significantly reduce its capacity. As such, cumulative impacts with respect to wastewater demand would be less than significant.

[51] *City of Los Angeles Department of Public Works, Bureau of Sanitation, Wastewater: About Wastewater, website: http://lasewers.org/treatment_plants/hyperion/tour/index.htm, accessed October 2016.*

Table III-36
Estimated Cumulative Wastewater Generation

Type of Use	Size	Wastewater Generation Rate (gpd/unit) [a]	Total Wastewater Generation (gpd)
Related Projects			
Dwelling Units [b]	354 du	160 gpd/du	56,640
Senior Apartments [c]	100 du	120 gpd/du	12,000
Medical Office	66,000 sf	0.25 gpd/sf	16,500
Retail	40,000 sf	0.08 gpd/sf	3,200
School: Middle School	74 stu	8 gpd/student	592
School: High School	263 stu	12 gpd/stu	3,156
Total Related Projects Wastewater Generation:			**92,088**
Total Project Wastewater Generation:			44,694
TOTAL CUMULATIVE:			**136,782**
Project % of Cumulative:			**33%**

Notes: sf =square feet; du = dwelling units, gpd = gallons per day, stu = student
[a] *L.A. CEQA Thresholds Guide (2006), Exhibit M.2-12. Consumption Rates based on 120% of the City of Los Angeles Department of Public Works, Bureau of Sanitation Sewer Generation Rates table, March 20, 2002.*
[b] *Dwelling units include condominiums and multi-family residential units. Consumption rate was based on two bedrooms per unit as a conservative estimate.*
[c] *Senior Apartments assume one bedroom per dwelling unit.*
Parker Environmental Consultants, 2016.

f) Would the project be served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs?

Less Than Significant Impact. A significant impact may occur if a project were to increase solid waste generation to a degree such that the existing and projected landfill capacity would be insufficient to accommodate the additional solid waste. Based on the *L.A. CEQA Thresholds Guide*, the determination of whether a project results in a significant impact on solid waste shall be made considering the following factors: (a) amount of projected waste generation, diversion, and disposal during demolition, construction, and operation of the project, considering proposed design and operational features that could reduce typical waste generation rates; (b) need for additional solid waste collection route, or recycling or disposal facility to adequately handle project-generated waste; and (c) whether the project conflicts with solid waste policies and objectives in the Source Reduction and Recycling Element (SRRE) or its updates, the Solid Waste Management Policy Plan (SWMPP), Framework Element of the Curbside Recycling Program, including consideration of the land use-specific waste diversion goals contained in Volume 4 of the SRRE.

Solid waste generated within the City is disposed of at privately owned landfill facilities throughout Los Angeles County. While the Bureau of Sanitation provides waste collection services to single-family and some small multi-family developments, private haulers provide waste collection services for most multi-family residential and commercial developments within the City. Solid waste transported by both public and private haulers is either recycled, reused, transformed at a waste-to-energy facility, or disposed of at a

landfill. Under the City's RENEW LA Plan, the City committed to reaching Zero Waste by diverting 70% of the solid waste generated in the City by 2013, diverting 90% by 2025, and becoming a zero waste city by 2030. State law currently requires at least 50% solid waste diversion and establishes a state-wide goal of 75% diversion by 2020. Moreover, state law requires mandatory commercial recycling in all businesses and multi-family complexes and imposes additional reporting requirements on local agencies, including the City of Los Angeles. In order to meet these requirements and goals, the City has established an exclusive, competitive franchise system for the collection, transportation and processing of commercial and multi-family solid waste that will aid the City in meeting its diversion goals by, among other things: (i) requiring franchisees to meet diversion targets; (ii) increasing the capacity for partnership between the City and solid waste haulers; (iii) allowing the City to establish consistent methods for diversion of recyclables and organics; (iv) increasing the City's ability to track diversion, which will enable required reporting and monitoring of state mandated commercial and multi-family recycling; (v) increasing the City's ability to ensure diversion quality in the processing facilities handling its waste and recyclables; and (vi) increasing the City's capacity to enforce compliance with federal, state, county, and local standards. Pursuant to Section 66.32 of the LAMC, the Project's solid waste contractor must obtain, in addition to all other required permits, an AB 939 Compliance Permit from the Bureau of Sanitation.

Within the City of Los Angeles, the Sunshine Canyon Landfill and the Chiquita Canyon Landfill serve existing land uses within the City. Both landfills accept residential, commercial, and construction waste. The Sunshine Canyon Landfill is jointly operated by the City and the County, has a remaining capacity of 64.68 million tons. The Sunshine Canyon Landfill has an estimated remaining life of 23 years.[52] Currently, Chiquita Canyon Landfill is in the process of an Environmental Impact Report (EIR) and new Conditional Use Permit (CUP) application with the County of Los Angeles. During that period, the Chiquita Canyon Landfill reached the permitted disposal limit of 23 millions tons that was approved in 1997. The Director of Regional Planning granted Chiquita Landfill a limited waiver to continue operation of the landfill until necessary public hearings for the EIR and new CUP are completed. If the new CUP is not approved, then the landfill will close.[53] Until the Chiquita Landfill is forced to close, the Proposed Project would be allowed to dispose solid waste to this landfill. An expansion of the Chiquita Canyon Landfill is currently proposed and would add a capacity of 48,114,000 tons (a 43-year life expectancy based on 2014 average daily disposal of 3,558 tons per day or 15 years based on the maximum permitted rate of disposal of 10,000 tons per day).[54]

The Proposed Project would follow all applicable solid waste policies and objectives that are required by law, statute, or regulation. Environmental [Q] Condition C.10 (General Construction (a)), provides general requirements for recycling efforts and the proper disposal of solid waste. In addition, [Q]

---

[52] *County of Los Angeles Department of Public Works, 2014 Annual Report, Los Angeles Countywide Integrated Waste Management Plan, pages 31 and 32, December 2015.*

[53] *Chiquita Canyon, A Waste Connections Company, website: http://www.chiquitacanyon.com/2016/08/chiquita-canyon-granted-waiver-continues-operations/, accessed August 2016.*

[54] *County of Los Angeles Department of Public Works, 2014 Annual Report, Los Angeles Countywide Integrated Waste Management Plan, page 60, December 2015.*

Condition C.23 requires recycling bins be provided at appropriate locations to promote recycling of paper, metal, glass, and other recyclable material. As shown in Table III-37 below, with the development of 524,600 square feet of floor area (including residential floor area, office/retail area, and the subterranean parking structure), it is estimated that the construction of the Proposed Project would generate approximately 9,726 tons of debris during the demolition and construction process. Under the requirements of the hauler's AB 939 Compliance Permit from the Bureau of Sanitation, all construction and demolition debris would be delivered to a Certified Construction and Demolition Waste Processing Facility.

As shown in Table III-38, Estimated Operational Solid Waste Generation, the Proposed Project's net generation during operation of the Proposed Project would be approximately 2,936 pounds per day. This estimate is conservative, as it does not factor in any recycling or waste diversion programs. The Proposed Project's solid waste would be handled by private waste collection services. The amount of solid waste generated by the Proposed Project is within the available capacities at area landfills, and the Project impacts to regional landfill capacity would be less than significant. Implementation of Environmental [Q] Condition C.10 (General Construction (a)) and C.23, and the following code compliance measure listed below would further reduce the Proposed Project's impacts on solid waste generation.

Table III-37
Estimated Construction and Demolition Debris

Construction Activity	Size	Rate [a] (lbs./sf)	Generated Waste (tons)
Demolition (Approximate)			
Manufacturing Facility	106,800 sf	155 lbs/sf	8,277
Total Project Demolition Debris Generation:			**8,277**
Construction [b]			
Multi-Family Residential	484,600 sf	4.38 lbs/sf	1,061
Office / Retail Spaces	40,000 sf	3.89 lbs/sf	78
Parking Structure	175,000 sf	3.89 lbs/sf	340
Total Project Construction Debris Generation:			**1,449**
Proposed Project NET TOTAL:			**9,726**

Notes:
sf = square feet; lbs = pounds
[a] *USEPA Report No EPA530-98-010, Characterization of Building Related Construction and Demolition Debris in the United States, July 1998.*
[b] *For a conservative analysis, the entirety of the Proposed Project's square footage was used to calculate construction debris. The calculations do not take into account the existing square footage that would be rehabilitated as part of the Project.*
Source: Parker Environmental Consultants, 2016.

Table III-38
Estimated Operational Solid Waste Generation

Type of Use	Size	Solid Waste Generation Rate [a] (lbs/unit/day)	Total Solid Waste Generated (lbs/day)
Existing Uses			
Industrial (118,284 sf)	221 emp [b]	8.93 lbs/employee/day	1,973
Proposed Project			
Multi-Family Residential	372 du	12.23 lbs/du/day	4,550
Creative Office	30,000 sf	0.006 lbs/sf/day	180
Retail (10,000 sf)	17 emp [b]	10.53 lbs/employee/day	179
Total Project Solid Waste Generation:			**4,909**
Less Existing Uses:			*-1,973*
NET TOTAL Solid Waste Generation:			**2,936**

Notes:
sf =square feet; du = dwelling units, emp = employee
[a] *L.A. CEQA Thresholds Guide, page M.3-2. Waste generation includes all materials discarded, whether or not they are later recycled or disposed of in a landfill.*
[b] *Employees were projected based on 1 employee per 535 square feet of manufacturing business and 1 employee per 588 square feet of neighborhood retail/commercial space.*
Source: Parker Environmental Consultants, 2016.

Regulatory Compliance Measure:

- **(Construction Waste Recycling):** In accordance with LAMC Section 99.04.408, the Proposed Project would reduce construction waste by at least 50 percent. In compliance with the LAMC Section 66.32, the General Contractor shall utilize solid waste haulers, contractors, and recyclers who have obtained an Assembly Bill (AB) 939 Compliance Permit from the City of Los Angeles Bureau of Sanitation.

g) Would the project comply with federal, state, and local statutes and regulations related to solid waste?

Less Than Significant Impact. A significant impact may occur if a project would generate solid waste that was not disposed of in accordance with applicable regulations. The Proposed Project would generate solid waste that is typical of a residential mixed-use building with ground-floor retail and would comply with all federal, state, and local statutes and regulations regarding proper disposal. Therefore, the Project's solid waste impacts would be less than significant.

Cumulative Impacts

Less Than Significant Impact. Development of the Proposed Project in conjunction with the three related projects would further increase regional demands on landfill capacity. The impact of the continued growth of the region would likely have the effect of diminishing the daily excess capacity of the existing landfills serving the City of Los Angeles. Although there are several proposals for new landfills in the region, there are currently few viable options for City of Los Angeles waste past 2029. Table III-39 shows the cumulative solid waste generation in pounds per day. The cumulative operational solid waste generation of the related projects and Proposed Project would contribute approximately 10,086 pounds of solid waste per day (1,841 tons of solid waste per year), which represents a fraction of one percent of the current remaining capacity of the Sunshine Canyon Landfill and the Chiquita Canyon Landfill, which combined have a remaining permitted capacity of approximately 66.51 million tons.

While in the short-term adequate landfill capacity exists to accommodate solid waste generated by the Proposed Project, in the future there would be a need to develop additional landfills and other waste disposal options to accommodate future growth. These options include diversion or transformation as the preferred methods for addressing solid waste and specific and practical applications (i.e., market development, public education and public policy initiatives) within the City.

The City of Los Angeles Solid Waste Management Plan (AB 939) sets forth strategies that would provide adequate landfill capacity through 2037 to accommodate anticipated growth. The Bureau of Sanitation has projected the need for waste disposal capacity based on SCAG's regional population growth projections. The growth associated with Proposed Project is within those projections. Furthermore, projects within the City of Los Angeles must comply with the City's SRRE.

Table III-39
Cumulative Operational Solid Waste Generation

Type of Use	Size	Solid Waste Generation Rate [a] (lbs/unit/day)	Total Solid Waste Generated (lbs/day)
Related Projects			
Dwelling Units [b]	354 du	12.23 lbs/du/day	4,329
Senior Apartment	100 du	12.23 lbs/du/day	1,223
Retail / Commercial (40,000 sf) [c]	104 emp	10.53 lbs/employee/day	1,095
Medical Office	66,000 sf	0.007 lbs/sf/day	462
Schools	6,740 sf	0.006 lbs/sf/day	40
		Related Projects Total:	**7,150**
		Proposed Project Net Total:	2,936
		CUMULATIVE TOTAL:	**10,086**
		Project % of Cumulative:	**29%**

Notes:
sf =square feet; du = dwelling units; emp = employee
Uses not listed are estimated by the closest type of use available in the table.
[a] *L.A. CEQA Thresholds Guide, page M.3-2. Waste generation includes all materials discarded, whether or not they are later recycled or disposed of in a landfill.*
[b] *Dwelling units include condominiums and multi-family residential units.*
[c] *Generation rates are based on 1 employee per 383 square feet of retail/commercial for a conservative estimate.*
Conversions of floor area per occupant based on California Building Code (2013), Ch.10, Table 1004.1.2.
Parker Environmental Consultants, 2016.

As reported by the Bureau of Sanitation in 2009, the City had achieved a waste diversion rate of 65 percent. The City is exceeding the state-mandated diversion goal of 50 percent by 2000 set by the California Integrated Waste Management Act (CIWMA) of 1989.[55] Waste diversion rates are required to increase to 75 percent by 2025 and through on-going development of waste management infrastructure over the last decade and innovative source reduction, reuse, recycling and composting programs have been implemented. These programs include Green Mulching and Composting workshops, black yard trimming recycling cans, the City-owned Central Los Angeles Refuse Transfer Station (CLARTS) and Residential Special Material and Electronics Recycling or S.A.F.E. Centers. New programs are being implemented to increase the amount of waste diverted by the City, including: multi-family recycling, food waste recycling, commercial recycling and technical assistance and support for City departments to help meet their waste reduction and recycling goals. The City is also developing programs to ultimately meet a goal of zero waste by 2030. Thus, the Proposed Project's contribution to cumulative impacts would continue to decrease as it increases waste diversion rates in accordance with City goals. Therefore, the Project's contribution to cumulative solid waste impacts would be less than cumulatively considerable, and cumulative impacts with respect to solid waste would be less than significant.

[55] *City of Los Angeles Department of Public Works Bureau of Sanitation, Overview of Services for FY 2005/06, updated June 14 2005.*

XVIII. MANDATORY FINDINGS OF SIGNIFICANCE

a) Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?

No Impact. A significant impact may occur only if the Proposed Project would have an identified potentially significant impact for any of the above issues. The Proposed Project is located in a densely populated urban area and would have a less than significant impact to biological resources and cultural resources with adherence to regulatory compliance measures discussed above. The Proposed Project would not degrade the quality of the environment, reduce or threaten any fish or wildlife species (endangered or otherwise), or eliminate important examples of the major periods of California history or pre-history. Therefore, no impact would occur.

b) Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects)?

Less Than Significant Impact. A significant impact may occur if the Proposed Project, in conjunction with other three related projects in the area of the Project Site, would result in impacts that would be less than significant when viewed separately, but would be significant when viewed together. As concluded in this analysis, the Proposed Project's incremental contribution to cumulative impacts related to aesthetics, agriculture and forestry resources, air quality, biological resources, cultural quality, hazards and hazardous materials, hydrology and water quality, land use and planning, mineral resources, noise, population and housing, public services, recreation, transportation/traffic, and utilities would be less than significant. As such, the Proposed Project's contribution to cumulative impacts would be less than significant.

c) Does the project have environmental effects, which would cause substantial adverse effects on human beings, either directly or indirectly?

Potentially Significant Unless Mitigation Incorporated. A significant impact may occur if the Proposed Project has the potential to result in significant impacts, as discussed in the preceding sections. Based on the preceding environmental analysis, the Proposed Project would not have significant environmental effects on human beings, either directly or indirectly. As discussed above, the project would not result in any significant impacts upon air quality, either on a regional or localized basis. A Freeway Adjacent health risk assessment concluded acute and chronic health hazard indices would also be under the SCAQMD recommended threshold of 1.0. In addition, with the installation of MERV 13 filtration, as required by Ordinance No. 184,245 (Clean Up Green Up) for all mechanically ventilated buildings within 1,000 feet of a freeway, and the consideration of the additional strategies aimed at improving future occupants' exposure to ambient air quality conditions, the Project would be consistent with the City of Los Angeles Planning Commission ZI No. 2427. With implementation of the applicable

Environmental [Q] Condition No. 7, impacts associated with the future occupant's exposure to ambient air quality would be less than significant. As discussed in the analyses above, potentially significant impacts upon human beings, such as noise, vibration, aesthetics, geotechnical safety, exposure to hazardous conditions and risk of upset, and access to adequate public services would be reduced to less-than-significant levels through the implementation of the applicable mitigation measures identified within this expanded Initial Study analysis.

IV. PREPARERS AND PERSONS CONSULTED

PREPARERS OF THE INITIAL STUDY

Lead Agency

City of Los Angeles
Department of City Planning
200 North Spring Street, Room 621
Los Angeles, California 90012

Michael Sin, Planning Assistant

Project Applicant

ED 1125, LLC
141 W. Avenue 34
Los Angeles, CA 90031

Eric Ortiz
Andy Meyers
Matt Modrzejewski

Environmental Consultants (CEQA)

Parker Environmental Consultants
23822 Valencia Boulevard, Suite 301
Santa Clarita, CA 91355

Shane E. Parker, President
Leanna Williams, Project Manager
Jennifer Kelley, Environmental Analyst
Mariana Zimmermann, Associate Environmental Planner
Elise Lorenzana, Assistant Planner

Land Use Consultant

Three6ixty
4315 Overland Avenue, Suite A
Culver City, California 90230

Dana Sayles
Jessica McBride

Architect

Killefer Flamming Architects
1625 Olympic Boulevard
Santa Monica, CA 90404

Kristyn Cosgrove

Landscape Architect

Land Images
501 N. Larchmont Boulevard
Los Angeles, CA 90004

Scott Van Sooy

Civil Engineer

Forma Engineering Inc.
10814 Reseda Blvd.
Northridge, CA 91326

Mike White

Arborist

The Tree Resource
P.O. Box 49314
Los Angeles, CA 90049

Lisa Smith, Registered Consulting Arborist

Geotechnical Engineers

Geocon West, Inc.
3303 N. San Fernando Blvd, Suite 100
Burbank, CA 91504

Thai La, Staff Engineer
Gerald S. Kasman, CEG 2251
Neal D. Berliner, GE 2576

Environmental Engineer

Orswell & Kasman, Inc.
316 West Foothill Blvd.
Monrovia, CA 91016

James Robert Orswell, ASTM Environmental Professional
Martin A Kasman, Project Manager

Traffic Consultant

Crain & Associates
300 Corporate Pointe, Suite 470
Culver City, CA 90230

Liz Culhane

V. REFERENCES AND ACRONYMS

1. REFERENCES

California Air Resources Board, Final Supplement to the AB 32 Scoping Plan Functional Equivalent Document (FED), Attachment D, August 19, 2011.

California Department of Transportation, Representative Environmental Noise Levels, 1998.

California Department of Transportation, Transportation- and Construction –Induced Vibration Guidance Manual, June 2004.

California Department of Transportation, Technical Noise Supplement, November 2009.

California Environmental Protection Agency, Climate Action Team, Climate Action Team Report to Governor Schwarzenegger and the Legislature, March 2006.

Chiquita Canyon, A Waste Connections Company, website: *http://www.chiquitacanyon.com/2016/08/chiquita-canyon-granted-waiver-continues-operations/,* accessed August 2016.

City of Los Angeles, Air Quality Element of the General Plan, November 24, 1992.

City of Los Angeles, Bureau of Engineering, Navigate LA, website: *http://navigatela.lacity.org*, accessed February 2016.

City of Los Angeles, CEQA Thresholds Guide, 2006.

City of Los Angeles, Citywide General Plan Framework EIR, July 17, 1996.

City of Los Angeles, Department of City Planning, Cornfield Arroyo Seco Specific Plan, website: *http://cityplanning.lacity.org/EIR/CornfieldArroyo/Ord_Adopt/Web00_CASP_Cover_TOC.pdf,* accessed February 2016.

City of Los Angeles, Department of City Planning Demographic Research Unit, City of Los Angeles: 2009 Population Estimate Population by Housing Type, Northeast Los Angeles Community Plan Area, website: *http://cityplanning.lacity.org/DRU/Locl/LocFrame.cfm?geo=CP&loc=NLA&sgo=ct&rpt=PnH&yrx=Y09*, accessed February 2016.

City of Los Angeles, Department of City Planning, Environmental and Public Facilities Maps, September 1996.

City of Los Angeles, Department of City Planning, Environmental and Public Facilities Maps, Critical Facilities & Lifeline Systems in the City of Los Angeles, September 1996.

City of Los Angeles, Department of City Planning, Environmental and Public Facilities Maps: Prehistoric and Historic Archaeological Sites and Survey Areas in the City of Los Angeles, September 1996.

City of Los Angeles Department of City Planning, Environmental and Public Facilities Maps: Vertebrate Paleontological Resources in the City of Los Angeles, September 1996.

City of Los Angeles, Department of City Planning, Parcel Profile Reports, Zoning Information and Map Access System (ZIMAS), *http://www.zimas.lacity.org*, accessed February 2016.

City of Los Angeles, Department of City Planning, The Citywide General Plan Framework, An Element of the City of Los Angeles General Plan, adopted December 11, 1996 and re-adopted August 8, 2001.

City of Los Angeles, Department of City Planning, Los Angeles Historic Resources Inventory, 153 W. Avenue 34 Historic Resource Report, website: *http://www.historicplacesla.org/reports/aeef3669-d0cc-4703-9e2b-c9e78de172a3*, accessed: February 2016.

City of Los Angeles, Department of City Planning, Northeast Los Angeles Community Plan Area Map, website: *http://planning.lacity.org/complan/central/PDF/nlaplanmap.pdf*, accessed February 2016.

City of Los Angeles, Department of City Planning, Northeast Los Angeles Community Plan, website: *http://planning.lacity.org/complan/pdf/nlacptxt.pdf*, accessed February 2016.

City of Los Angeles, Department of City Planning, Mobility Plan 2035: An Element of the General Plan, January 2016.

City of Los Angeles, Department of City Planning, Zoning Information No. 2427 (ZI-2427), November 8, 2012.

City of Los Angeles, Department of City Planning, Zoning Information No. 2452 (ZI-2452), September 2013.

City of Los Angeles Department of Public Works, Bureau of Sanitation, Hyperion Water Reclamation Plant, website: *http://lasewers.org/treatment_plants/hyperion/tour/index.htm*, accessed October 2016.

City of Los Angeles, Department of Public Works, Sanitation Department, Sewer System Management Plan, February 2015.

City of Los Angeles, Department of Recreation and Parks, Facility Locator, website: *http://www.laparks.org/*, accessed February 2016.

City of Los Angeles, Development Best Management Practices Handbook, Low Impact Development Manual, Part B Planning Activities. Fourth Edition, June 2011.

City of Los Angeles, Green Building Code (Ordinance No. 181,480).

City of Los Angeles, Green LA, An Action Plan to Lead the Nation in Fighting Global Warming (LA Green Plan)

City of Los Angeles Municipal Code.

City of Los Angeles, Noise Element of the General Plan, November 24, 1992.

City of Los Angeles, Noise Ordinance (LAMC Section 112.05)

City of Los Angeles, Ordinance 144331 and 161574.

City of Los Angeles, Ordinance 175038.

City of Los Angeles ,Ordinance 179280. CPC-2006-5242-ZC-GPA.

City of Los Angeles, Public Library, Hours and Locations, website: *http://www.lapl.org/branches*, accessed February 2016.

City of Los Angeles, Safety Element of the Los Angeles City General Plan, Exhibit G, Inundation & Tsunami Hazard Areas, March 1994.

County of Los Angeles Department of Public Works, *2014 Annual Report, Los Angeles Countywide Integrated Waste Management Plan*, December 2015.

Federal Emergency Management Agency (FEMA), Flood Insurance Rate Map, Los Angeles County, California and Incorporated Areas, Map number 06037C1629F, September 26, 2008.

Federal Transit Administration (Harris Miller Miller & Hanson), Transit Noise and Vibration Impact Assessment, May 2006.

Green LA: An Action Plan to Lead the Nation In Fighting Global Warming. City of Los Angeles, May 2007.

Institute of Transportation Engineers, Trip Generation Manual – 9th Edition, 2012.

Intergovernmental Panel on Climate Change, Second Assessment Report, 1996.

Los Angeles County Department of Public Work, Disaster Route Maps by City, City of Los Angeles – Central Area Map, website: *http://dpw.lacounty.gov/dsg/DisasterRoutes/city.cfm*, accessed February 2016.

Los Angeles County Congestion Management Plan (CMP), 2010.

Los Angeles Department of Water and Power, Urban Water Management Plan, 2015.

Los Angeles Department of Water and Power, website:

http://wsoweb.ladwp.com/Aqueduct/historyoflaa/waterquality.htm, accessed February 2016.

Los Angeles Police Department, COMPSTAT Unit, Hollenbeck Area Profile, accessed February 2016.

Los Angeles Unified School District, Residential Development School Fee Justification Study, Table 5, February 25, 2008.

Los Angeles Unified School District, Resident School Identifier, website: *http://rsi.lausd.net/ResidentSchoolIdentifier/,* accessed February 2016.

National Cooperative Highway Research Program Report 117, Highway Noise: A Design Guide for Highway Engineers, 1971.

Senate Bill 97 (SB 97), August 2007.

Senate Bill 375, September 2008.

Senate Bill 743, September 2013.

South Coast Air Quality Management District, 2012 Air Quality Management Plan, February 2013.

South Coast Air Quality Management District, Air Quality Significance Thresholds, Revision March 2015, website: *http://www.aqmd.gov/docs/default-source/ceqa/handbook/scaqmd-air-quality-significance-thresholds.pdf?sfvrsn=2,* accessed February 2016.

South Coast Air Quality Management District, California Emissions Estimator Model (CalEEMod Version 2013.2.2), 2013.

South Coast Air Quality Management District, CEQA Air Quality Handbook, 1993, page 5-1

South Coast Air Quality Management District, Final Localized Significance Threshold Methodology, June 2003, Revised July 2008.

Southern California Association of Governments, Regional Comprehensive Plan and Guide.

Southern California Association of Governments, 2016-2040 RTP/SCS Growth Forecast, April 2016.

Southern California Association of Governments, 2016-2040 RTP/SCS Growth Forecast, Demographics and Growth Forecast Appendix, April 2016.

State of California Department of Conservation, Division of Land Resource Protection, Farmland Mapping and Monitoring Program, Los Angeles County Important Farmland 2014, Map. *ftp://ftp.consrv.ca.gov/pub/dlrp/FMMP/pdf/2014/los14.pdf,* accessed October 2016.

State of California Department of Conservation, State of California Williamson Act Contract Land Map 2015-2016, website: *http://www.conservation.ca.gov/dlrp/lca*, accessed October 2016.

State of California, Department of Conservation, Los Angeles 7 ½ -Minute Quadrangle Seismic Hazard Zones Map, March 25, 1999.

Stormwater LID Ordinance (No. 181899), 2011.

Title 24 of the California Code of Regulations.

United States Census Bureau: State and County QuickFacts. Data derived from Population Estimates, American Community Survey, Census of Population and Housing, County Business Patterns, Economic Census, Survey of Business Owners, Building Permits, Census of Governments, Last Revised: Wednesday, 22-Apr-2015.

United States Census Bureau, 2010 Census Interactive Population Map, website: http://www.census.gov/2010census/popmap/, accessed February 2016.

United States Environmental Protection Agency, Noise from Construction Equipment and Operations, Building Equipment and Home Appliances, PB 206717, 1971.

USEPA Report No. EPA530-98-010. *Characterization of Building Related Construction and Demolition Debris in the United States,* June 1998, page A-1

United States Green Building Council, Building Area per Employee by Business Type, May 13, 2008.

2. ACRONYMS AND ABBREVIATIONS

AAM	Annual Arithmetic Mean
AB	Assembly Bill
ACM	Asbestos-containing materials
AEP	Association of Environmental Professionals
AFY	Acre-feet per year
APN	Assessor Parcel Number
AQMP	Air Quality Management Plan
ASTM	American Society of Testing and Materials
ASTs	above-ground storage tanks
ATCS	Adaptive Traffic Control System
Basin	South Coast Air Basin
BMPs	Best Management Practices
C/D	construction/demolition
CAA	Clean Air Act
CAAQS	California ambient air quality standards
Cal/EPA	California Environmental Protection Agency
CAPCOA	California Air Pollution Control Officers Association
CARB	California Air Resources Board
CASP	Cornfield Arroyo Seco Specific Plan
CAT	Climate Action Team
CBC	California Building Code (2007)
CCAA	California Clean Air Act
CCAR	California Climate Action Registry
CCR	California Code of Regulations
CDFG	California Department of Fish and Game
CDMG	California Division of Mines and Geology
CEC	California Energy Commission
CEQA	California Environmental Quality Act
CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Information System
Cf	Cubic feet
CFC	Chlorofluorocarbons
CGS	California Geological Survey
CH_4	Methane
CHMIRS	California Hazardous Material Incident Report System
CiSWMPP	City of Los Angeles Solid Waste Management Policy Plan
City Zoning Code	City of Los Angeles Planning and Zoning Code
CMP	Congestion Management Plan
CNEL	Community Noise Exposure Level
CO	carbon monoxide

CO_2	carbon dioxide
CO2e	carbon dioxide equivalent
COHb	carboxyhemoglobin
COPC	Chemical of Potential Concern
CORRACTS	Corrective Action Treatment, Storage, and Disposal Facilities
CPA	Community Plan Area
CPT	cone penetrometer test
CPU	Crime Prevention Unit
CRA/LA	Community Redevelopment Agency of the City of Los Angeles
CWA	Clean Water Act
CWC	California Water Code
cy	cubic yards
dB	decibel
dBA	A-weighted decibel scale
d/D	flow level
DHS	California Department of Health and Services
DWP	Department of Water and Power
DWR	California Department of Water Resources
du	dwelling unit
EIR	Environmental Impact Report
EMS	Emergency Medical Service
EOO	Emergency Operations Organization
EPA	Environmental Protection Agency
ERNS	Emergency Response Notification System
EZ	Los Angeles State Enterprise Zone
FAR	Floor Area Ratio
FCAA	Federal Clean Air Act
FEMA	Federal Emergency Management Agency
FHWA	Federal Highway Administration
GBCI	Green Building Certification Institute
GHG	greenhouse gas
gpd	gallons per day
gpm	gallons per minute
GWP	Global Warming Potential
HFC	hydrofluorocarbons
HSA	Hyperion Service Area
HTP	Hyperion Treatment Plant
HVAC	Heating, Ventilation and Air Conditioning
I-10	Santa Monica Freeway
I-101	Hollywood Freeway
ISO	Interim Control Ordinance
ITE	Institute of Transportation Engineers

km	kilometers
kV	kilovolt
kWh	kilowatt-hours
LAA	Los Angeles Aqueduct
LABS	Los Angeles Department of Public Works Bureau of Sanitation
LADBS	Los Angeles Department of Building and Safety
LADOT	Los Angeles Department of Transportation
LADRP	Los Angeles Department of Recreation and Parks
LADWP	Los Angeles Department of Water and Power
LAFD	Los Angeles Fire Department
LAMC	Los Angeles Municipal Code
LAPD	Los Angeles Police Department
LAPL	Los Angeles Public Library
LARWQCB	Los Angeles Regional Water Quality Control Board
LAUSD	Los Angeles Unified School District
LBP	Lead-based paint
lbs/day	pounds per day
LCFS	Low Carbon Fuel Standard
L_{dn}	day-night average noise level
LEED	Leadership in Energy and Environmental Design
L_{eq}	equivalent energy noise level/ambient noise level
LOS	Level of Service
LST	localized significance thresholds
LUST	leaking underground storage tank
LUTP	Land Use/Transportation Policy
MBTA	Migratory Bird Treaty Act
MCE	Maximum Considered Earthquake
MEP	maximum extent practicable
Metro	Los Angeles County Metropolitan Transit Authority
mgd	million gallons per day
mi	miles
MPO	Metropolitan Planning Organization
MS4	medium and large municipal separate storm sewer systems
msl	mean sea level
mm	millimeters
M_{max}	maximum moment magnitude
MTA	Metropolitan Transportation Authority
MWD	Metropolitan Water District
MWh	Mega-Watt hours
N_2O	nitrous oxide
NAAQS	National ambient air quality standards
NFRAP	No Further Remedial Action Planned Sites

NO_2	nitrogen dioxide
NOP	Notice of Preparation
NOx	nitrogen oxides
NPDES	National Pollutant Discharge Elimination System
NPL	National Priorities List
O_3	Ozone
OAL	California Office of Administrative Law
OPR	Office of Planning and Research
Pb	lead
PEC	Potential environmental concern
PFC	perfluorocarbons
PGA	peak horizontal ground acceleration
PM	particulate matter
PM_{10}	respirable particulate matter
$PM_{2.5}$	fine particulate matter
ppd	pounds per day
ppm	parts per million
PRC	Public Resources Code
PSI	pounds per square inch
PUC	Public Utilities Commission (also see CPUC)
PWS	Public water suppliers
RCP	Regional Comprehensive Plan
RCPG	Regional Comprehensive Plan and Guide
RCRA	Resource Conservation Recovery Act
RD	Reporting District
REC	Recognized Environmental Condition
ROG	Reactive Organic Gases
RTP	Regional Transportation Plan
RWQCB	Regional Water Quality Control Board
SB	Senate Bill
SCAB	South Coast Air Basin
SCAG	Southern California Association of Governments
SCAQMD	South Coast Air Quality Management District
SCG	Southern California Gas Company
SCH	State Clearinghouse
sf	square feet
SF_6	sulfur hexafluoride
SIP	State Implementation Plan
SLIC	Spills, Leaks, Investigation and Cleanup
SO_2	sulfur dioxide
SO_4	sulfates
SOx	sulfur oxides

SOPA	Society of Professional Archeologist
SPT	Standard Penetration Test
SR-110	Harbor Freeway
SRA	source receptor area
SRRE	Source Reduction and Recycling Element
SWAT	Solid Waste Assessment Test
SWF/LF	Solid Waste Information System
SWFP	Solid Waste Facility Permit
SWMP	Stormwater Management Plan
SWP	State Water Project
SWPPP	Storm Water Pollution Prevention Plan
SWRCB	State Water Resource Control Board
TAC	Toxic Air Contaminants
TOD	Transit Oriented District
TPH	total petroleum hydrocarbons
TSD	Treatment, Storage, and Disposal
TSP	Transportation Specific Plan
ULSD	Ultra Low Sulfur Diesel
US-101	Hollywood Freeway
USEPA/ U.S. EPA	United States Environmental Protection Agency
USFWS	United States Fish and Wildlife Service
USGBC	United States Green Building Council
USGS	U.S. Geological Survey
UST	underground storage tank
UWMP	Urban Water Management Plan
V/C	Volume-to-Capacity
VCP	Voluntary Cleanup Plan
VdB	Vibration decibels
VMT	Vehicle Miles Traveled
VOC	Volatile Organic Compound
WMA	Watershed Management Area
WMUDS	Waste Management Unit Database System
WSA	Water Supply Assessment
µg/m3	micrograms per cubic meter
ZIMAS	Zoning Information and Map Access System

APPENDIX B
Modified Project CalEEMod Output

Avenue 34 Mixed-Use Modified Project

South Coast AQMD Air District, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Enclosed Parking with Elevator	401.00	Space	0.00	160,400.00	0
Apartments Mid Rise	468.00	Dwelling Unit	5.03	503,434.00	1338
Strip Mall	16.44	1000sqft	0.00	16,395.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	12			**Operational Year**	2022
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	1227.89	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Avenue 34 Mixed-Use Modified Project - South Coast AQMD Air District, Winter

Project Characteristics -

Land Use - 5.03 ac. lot. 468 apartments 503,434 sf. 16,395 sf retail. 401 parking spaes

Construction Phase - demo 45, grading 70, building 525, paving 20, coating 85

Off-road Equipment - 2 compressors

Off-road Equipment -

Off-road Equipment -

Off-road Equipment - 2 excavators, 2 dozers, 5 backhoes

Off-road Equipment -

Demolition - 6,000 tons demo debris

Grading - 91,000 cy export. 5.03 ac

Vehicle Trips - Trip generation per traffic letter 6/13/2019

Woodstoves - No hearths

Construction Off-road Equipment Mitigation -

Mobile Land Use Mitigation -

Area Mitigation -

Energy Mitigation -

Water Mitigation -

Waste Mitigation -

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	20.00	85.00
tblConstructionPhase	NumDays	230.00	525.00
tblConstructionPhase	NumDays	20.00	45.00
tblConstructionPhase	NumDays	20.00	70.00
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00

tblFireplaces	NumberGas	397.80	0.00
tblFireplaces	NumberNoFireplace	46.80	0.00
tblFireplaces	NumberWood	23.40	0.00
tblGrading	AcresOfGrading	35.00	5.03
tblGrading	MaterialExported	0.00	91,000.00
tblLandUse	LandUseSquareFeet	468,000.00	503,434.00
tblLandUse	LandUseSquareFeet	16,440.00	16,395.00
tblLandUse	LotAcreage	3.61	0.00
tblLandUse	LotAcreage	12.32	5.03
tblLandUse	LotAcreage	0.38	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	5.00
tblTripsAndVMT	WorkerTripNumber	25.00	15.00
tblVehicleTrips	ST_TR	6.39	5.08
tblVehicleTrips	ST_TR	42.04	32.75
tblVehicleTrips	SU_TR	5.86	5.08
tblVehicleTrips	SU_TR	20.43	32.75
tblVehicleTrips	WD_TR	6.65	5.08
tblVehicleTrips	WD_TR	44.32	32.75
tblWoodstoves	NumberCatalytic	23.40	0.00
tblWoodstoves	NumberNoncatalytic	23.40	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	5.5160	89.1818	38.0364	0.1748	15.2746	2.3575	17.6321	7.4736	2.1742	9.6478	0.0000	18,334.1310	18,334.1310	2.5114	0.0000	18,396.9147
2021	4.0232	26.1716	32.4562	0.0891	5.0884	1.0080	6.0965	1.3610	0.9473	2.3083	0.0000	8,889.5487	8,889.5487	0.8696	0.0000	8,911.2899
2022	40.1378	23.8488	31.0668	0.0874	5.0884	0.8554	5.9438	1.3610	0.8043	2.1653	0.0000	8,719.6677	8,719.6677	0.8492	0.0000	8,740.8985
Maximum	**40.1378**	**89.1818**	**38.0364**	**0.1748**	**15.2746**	**2.3575**	**17.6321**	**7.4736**	**2.1742**	**9.6478**	**0.0000**	**18,334.1310**	**18,334.1310**	**2.5114**	**0.0000**	**18,396.9147**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	5.5160	89.1818	38.0364	0.1748	8.5275	2.3575	10.8851	3.8156	2.1742	5.9898	0.0000	18,334.1310	18,334.1310	2.5114	0.0000	18,396.9147
2021	4.0232	26.1716	32.4562	0.0891	5.0884	1.0080	6.0965	1.3610	0.9473	2.3083	0.0000	8,889.5487	8,889.5487	0.8696	0.0000	8,911.2899
2022	40.1378	23.8488	31.0668	0.0874	5.0884	0.8554	5.9438	1.3610	0.8043	2.1653	0.0000	8,719.6677	8,719.6677	0.8492	0.0000	8,740.8985
Maximum	**40.1378**	**89.1818**	**38.0364**	**0.1748**	**8.5275**	**2.3575**	**10.8851**	**3.8156**	**2.1742**	**5.9898**	**0.0000**	**18,334.1310**	**18,334.1310**	**2.5114**	**0.0000**	**18,396.9147**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**26.51**	**0.00**	**22.74**	**35.88**	**0.00**	**25.90**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	12.4378	0.4462	38.6949	2.0400e-003		0.2137	0.2137		0.2137	0.2137	0.0000	69.6139	69.6139	0.0673	0.0000	71.2967
Energy	0.1526	1.3044	0.5581	8.3200e-003		0.1054	0.1054		0.1054	0.1054		1,664.6820	1,664.6820	0.0319	0.0305	1,674.5744
Mobile	4.6520	25.2473	59.1339	0.2254	19.4529	0.1823	19.6352	5.2048	0.1702	5.3750		22,962.9454	22,962.9454	1.1291		22,991.1718
Total	**17.2424**	**26.9979**	**98.3868**	**0.2357**	**19.4529**	**0.5015**	**19.9543**	**5.2048**	**0.4893**	**5.6941**	**0.0000**	**24,697.2413**	**24,697.2413**	**1.2283**	**0.0305**	**24,737.0429**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	12.4378	0.4462	38.6949	2.0400e-003		0.2137	0.2137		0.2137	0.2137	0.0000	69.6139	69.6139	0.0673	0.0000	71.2967
Energy	0.1526	1.3044	0.5581	8.3200e-003		0.1054	0.1054		0.1054	0.1054		1,664.6820	1,664.6820	0.0319	0.0305	1,674.5744
Mobile	3.8788	19.6209	40.0033	0.1399	11.5907	0.1159	11.7066	3.1012	0.1081	3.2093		14,262.9311	14,262.9311	0.7746		14,282.2961
Total	**16.4692**	**21.3715**	**79.2562**	**0.1502**	**11.5907**	**0.4351**	**12.0257**	**3.1012**	**0.4273**	**3.5285**	**0.0000**	**15,997.2270**	**15,997.2270**	**0.8738**	**0.0305**	**16,028.1672**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**4.48**	**20.84**	**19.44**	**36.27**	**40.42**	**13.24**	**39.73**	**40.42**	**12.68**	**38.03**	**0.00**	**35.23**	**35.23**	**28.86**	**0.00**	**35.21**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/6/2020	3/6/2020	5	45	
2	Grading	Grading	3/9/2020	6/12/2020	5	70	
3	Building Construction	Building Construction	6/15/2020	6/17/2022	5	525	
4	Paving	Paving	6/20/2022	7/15/2022	5	20	
5	Architectural Coating	Architectural Coating	7/18/2022	11/11/2022	5	85	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 5.03

Acres of Paving: 0

Residential Indoor: 1,019,454; Residential Outdoor: 339,818; Non-Residential Indoor: 24,593; Non-Residential Outdoor: 8,198; Striped Parking Area: 9,624 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	2	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	5	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	2	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	593.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	10	15.00	0.00	11,375.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	410.00	79.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	2	82.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.8532	0.0000	2.8532	0.4320	0.0000	0.4320			0.0000			0.0000
Off-Road	3.3121	33.2010	21.7532	0.0388		1.6587	1.6587		1.5419	1.5419		3,747.7049	3,747.7049	1.0580		3,774.1536
Total	**3.3121**	**33.2010**	**21.7532**	**0.0388**	**2.8532**	**1.6587**	**4.5119**	**0.4320**	**1.5419**	**1.9739**		**3,747.7049**	**3,747.7049**	**1.0580**		**3,774.1536**

3.2 Demolition - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1030	3.6323	0.7682	0.0100	0.2303	0.0117	0.2420	0.0631	0.0112	0.0743		1,084.3968	1,084.3968	0.0774		1,086.3305
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0740	0.0500	0.5521	1.6100e-003	0.1677	1.2700e-003	0.1689	0.0445	1.1700e-003	0.0456		160.5547	160.5547	4.6000e-003		160.6699
Total	**0.1770**	**3.6822**	**1.3203**	**0.0116**	**0.3979**	**0.0130**	**0.4110**	**0.1076**	**0.0124**	**0.1200**		**1,244.9515**	**1,244.9515**	**0.0820**		**1,247.0004**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.2839	0.0000	1.2839	0.1944	0.0000	0.1944			0.0000			0.0000
Off-Road	3.3121	33.2010	21.7532	0.0388		1.6587	1.6587		1.5419	1.5419	0.0000	3,747.7049	3,747.7049	1.0580		3,774.1536
Total	**3.3121**	**33.2010**	**21.7532**	**0.0388**	**1.2839**	**1.6587**	**2.9426**	**0.1944**	**1.5419**	**1.7363**	**0.0000**	**3,747.7049**	**3,747.7049**	**1.0580**		**3,774.1536**

3.2 Demolition - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1030	3.6323	0.7682	0.0100	0.2303	0.0117	0.2420	0.0631	0.0112	0.0743		1,084.3968	1,084.3968	0.0774		1,086.3305
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0740	0.0500	0.5521	1.6100e-003	0.1677	1.2700e-003	0.1689	0.0445	1.1700e-003	0.0456		160.5547	160.5547	4.6000e-003		160.6699
Total	**0.1770**	**3.6822**	**1.3203**	**0.0116**	**0.3979**	**0.0130**	**0.4110**	**0.1076**	**0.0124**	**0.1200**		**1,244.9515**	**1,244.9515**	**0.0820**		**1,247.0004**

3.3 Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					12.2674	0.0000	12.2674	6.6510	0.0000	6.6510			0.0000			0.0000
Off-Road	4.1723	44.3410	28.0118	0.0496		2.2115	2.2115		2.0346	2.0346		4,801.4831	4,801.4831	1.5529		4,840.3055
Total	**4.1723**	**44.3410**	**28.0118**	**0.0496**	**12.2674**	**2.2115**	**14.4789**	**6.6510**	**2.0346**	**8.6855**		**4,801.4831**	**4,801.4831**	**1.5529**		**4,840.3055**

3.3 Grading - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.2697	44.7908	9.4724	0.1237	2.8396	0.1447	2.9843	0.7782	0.1385	0.9167		13,372.0932	13,372.0932	0.9539		13,395.9394
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0740	0.0500	0.5521	1.6100e-003	0.1677	1.2700e-003	0.1689	0.0445	1.1700e-003	0.0456		160.5547	160.5547	4.6000e-003		160.6699
Total	**1.3437**	**44.8408**	**10.0246**	**0.1253**	**3.0072**	**0.1460**	**3.1532**	**0.8227**	**0.1397**	**0.9623**		**13,532.6479**	**13,532.6479**	**0.9585**		**13,556.6092**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.5203	0.0000	5.5203	2.9929	0.0000	2.9929			0.0000			0.0000
Off-Road	4.1723	44.3410	28.0118	0.0496		2.2115	2.2115		2.0346	2.0346	0.0000	4,801.4831	4,801.4831	1.5529		4,840.3055
Total	**4.1723**	**44.3410**	**28.0118**	**0.0496**	**5.5203**	**2.2115**	**7.7318**	**2.9929**	**2.0346**	**5.0275**	**0.0000**	**4,801.4831**	**4,801.4831**	**1.5529**		**4,840.3055**

3.3 Grading - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.2697	44.7908	9.4724	0.1237	2.8396	0.1447	2.9843	0.7782	0.1385	0.9167		13,372.0932	13,372.0932	0.9539		13,395.9394
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0740	0.0500	0.5521	1.6100e-003	0.1677	1.2700e-003	0.1689	0.0445	1.1700e-003	0.0456		160.5547	160.5547	4.6000e-003		160.6699
Total	**1.3437**	**44.8408**	**10.0246**	**0.1253**	**3.0072**	**0.1460**	**3.1532**	**0.8227**	**0.1397**	**0.9623**		**13,532.6479**	**13,532.6479**	**0.9585**		**13,556.6092**

3.4 Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1198	19.1860	16.8485	0.0269		1.1171	1.1171		1.0503	1.0503		2,553.0631	2,553.0631	0.6229		2,568.6345
Total	**2.1198**	**19.1860**	**16.8485**	**0.0269**		**1.1171**	**1.1171**		**1.0503**	**1.0503**		**2,553.0631**	**2,553.0631**	**0.6229**		**2,568.6345**

3.4 Building Construction - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.2718	8.2813	2.2008	0.0198	0.5056	0.0417	0.5473	0.1456	0.0399	0.1854		2,105.4512	2,105.4512	0.1462		2,109.1061
Worker	2.0232	1.3653	15.0916	0.0441	4.5828	0.0348	4.6176	1.2154	0.0320	1.2474		4,388.4963	4,388.4963	0.1259		4,391.6427
Total	**2.2950**	**9.6466**	**17.2924**	**0.0638**	**5.0884**	**0.0764**	**5.1649**	**1.3610**	**0.0719**	**1.4329**		**6,493.9475**	**6,493.9475**	**0.2721**		**6,500.7489**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1198	19.1860	16.8485	0.0269		1.1171	1.1171		1.0503	1.0503	0.0000	2,553.0631	2,553.0631	0.6229		2,568.6345
Total	**2.1198**	**19.1860**	**16.8485**	**0.0269**		**1.1171**	**1.1171**		**1.0503**	**1.0503**	**0.0000**	**2,553.0631**	**2,553.0631**	**0.6229**		**2,568.6345**

3.4 Building Construction - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.2718	8.2813	2.2008	0.0198	0.5056	0.0417	0.5473	0.1456	0.0399	0.1854		2,105.4512	2,105.4512	0.1462		2,109.1061
Worker	2.0232	1.3653	15.0916	0.0441	4.5828	0.0348	4.6176	1.2154	0.0320	1.2474		4,388.4963	4,388.4963	0.1259		4,391.6427
Total	**2.2950**	**9.6466**	**17.2924**	**0.0638**	**5.0884**	**0.0764**	**5.1649**	**1.3610**	**0.0719**	**1.4329**		**6,493.9475**	**6,493.9475**	**0.2721**		**6,500.7489**

3.4 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013		2,553.3639	2,553.3639	0.6160		2,568.7643
Total	**1.9009**	**17.4321**	**16.5752**	**0.0269**		**0.9586**	**0.9586**		**0.9013**	**0.9013**		**2,553.3639**	**2,553.3639**	**0.6160**		**2,568.7643**

3.4 Building Construction - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.2314	7.5108	2.0008	0.0196	0.5056	0.0157	0.5213	0.1456	0.0150	0.1605		2,089.9465	2,089.9465	0.1398		2,093.4424
Worker	1.8909	1.2287	13.8802	0.0426	4.5828	0.0337	4.6166	1.2154	0.0311	1.2465		4,246.2383	4,246.2383	0.1138		4,249.0833
Total	**2.1223**	**8.7395**	**15.8810**	**0.0622**	**5.0884**	**0.0494**	**5.1378**	**1.3610**	**0.0461**	**1.4070**		**6,336.1848**	**6,336.1848**	**0.2536**		**6,342.5257**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013	0.0000	2,553.3639	2,553.3639	0.6160		2,568.7643
Total	**1.9009**	**17.4321**	**16.5752**	**0.0269**		**0.9586**	**0.9586**		**0.9013**	**0.9013**	**0.0000**	**2,553.3639**	**2,553.3639**	**0.6160**		**2,568.7643**

3.4 Building Construction - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.2314	7.5108	2.0008	0.0196	0.5056	0.0157	0.5213	0.1456	0.0150	0.1605		2,089.9465	2,089.9465	0.1398		2,093.4424
Worker	1.8909	1.2287	13.8802	0.0426	4.5828	0.0337	4.6166	1.2154	0.0311	1.2465		4,246.2383	4,246.2383	0.1138		4,249.0833
Total	**2.1223**	**8.7395**	**15.8810**	**0.0622**	**5.0884**	**0.0494**	**5.1378**	**1.3610**	**0.0461**	**1.4070**		**6,336.1848**	**6,336.1848**	**0.2536**		**6,342.5257**

3.4 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322
Total	**1.7062**	**15.6156**	**16.3634**	**0.0269**		**0.8090**	**0.8090**		**0.7612**	**0.7612**		**2,554.3336**	**2,554.3336**	**0.6120**		**2,569.6322**

3.4 Building Construction - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.2171	7.1236	1.8920	0.0194	0.5056	0.0136	0.5192	0.1456	0.0130	0.1586		2,071.3344	2,071.3344	0.1345		2,074.6974
Worker	1.7783	1.1096	12.8114	0.0411	4.5828	0.0328	4.6156	1.2154	0.0302	1.2456		4,093.9997	4,093.9997	0.1028		4,096.5689
Total	**1.9954**	**8.2332**	**14.7034**	**0.0605**	**5.0884**	**0.0464**	**5.1348**	**1.3610**	**0.0432**	**1.4041**		**6,165.3341**	**6,165.3341**	**0.2373**		**6,171.2663**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322
Total	**1.7062**	**15.6156**	**16.3634**	**0.0269**		**0.8090**	**0.8090**		**0.7612**	**0.7612**	**0.0000**	**2,554.3336**	**2,554.3336**	**0.6120**		**2,569.6322**

3.4 Building Construction - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.2171	7.1236	1.8920	0.0194	0.5056	0.0136	0.5192	0.1456	0.0130	0.1586		2,071.3344	2,071.3344	0.1345		2,074.6974
Worker	1.7783	1.1096	12.8114	0.0411	4.5828	0.0328	4.6156	1.2154	0.0302	1.2456		4,093.9997	4,093.9997	0.1028		4,096.5689
Total	**1.9954**	**8.2332**	**14.7034**	**0.0605**	**5.0884**	**0.0464**	**5.1348**	**1.3610**	**0.0432**	**1.4041**		**6,165.3341**	**6,165.3341**	**0.2373**		**6,171.2663**

3.5 Paving - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225		2,207.6603	2,207.6603	0.7140		2,225.5104
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.1028**	**11.1249**	**14.5805**	**0.0228**		**0.5679**	**0.5679**		**0.5225**	**0.5225**		**2,207.6603**	**2,207.6603**	**0.7140**		**2,225.5104**

3.5 Paving - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0651	0.0406	0.4687	1.5000e-003	0.1677	1.2000e-003	0.1689	0.0445	1.1000e-003	0.0456		149.7805	149.7805	3.7600e-003		149.8745
Total	**0.0651**	**0.0406**	**0.4687**	**1.5000e-003**	**0.1677**	**1.2000e-003**	**0.1689**	**0.0445**	**1.1000e-003**	**0.0456**		**149.7805**	**149.7805**	**3.7600e-003**		**149.8745**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225	0.0000	2,207.6603	2,207.6603	0.7140		2,225.5104
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.1028**	**11.1249**	**14.5805**	**0.0228**		**0.5679**	**0.5679**		**0.5225**	**0.5225**	**0.0000**	**2,207.6603**	**2,207.6603**	**0.7140**		**2,225.5104**

3.5 Paving - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0651	0.0406	0.4687	1.5000e-003	0.1677	1.2000e-003	0.1689	0.0445	1.1000e-003	0.0456		149.7805	149.7805	3.7600e-003		149.8745
Total	**0.0651**	**0.0406**	**0.4687**	**1.5000e-003**	**0.1677**	**1.2000e-003**	**0.1689**	**0.0445**	**1.1000e-003**	**0.0456**		**149.7805**	**149.7805**	**3.7600e-003**		**149.8745**

3.6 Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	39.3730					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4091	2.8170	3.6272	5.9400e-003		0.1634	0.1634		0.1634	0.1634		562.8961	562.8961	0.0367		563.8123
Total	**39.7821**	**2.8170**	**3.6272**	**5.9400e-003**		**0.1634**	**0.1634**		**0.1634**	**0.1634**		**562.8961**	**562.8961**	**0.0367**		**563.8123**

3.6 Architectural Coating - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3557	0.2219	2.5623	8.2100e-003	0.9166	6.5500e-003	0.9231	0.2431	6.0400e-003	0.2491		818.8000	818.8000	0.0206		819.3138
Total	**0.3557**	**0.2219**	**2.5623**	**8.2100e-003**	**0.9166**	**6.5500e-003**	**0.9231**	**0.2431**	**6.0400e-003**	**0.2491**		**818.8000**	**818.8000**	**0.0206**		**819.3138**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	39.3730					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4091	2.8170	3.6272	5.9400e-003		0.1634	0.1634		0.1634	0.1634	0.0000	562.8961	562.8961	0.0367		563.8123
Total	**39.7821**	**2.8170**	**3.6272**	**5.9400e-003**		**0.1634**	**0.1634**		**0.1634**	**0.1634**	**0.0000**	**562.8961**	**562.8961**	**0.0367**		**563.8123**

3.6 Architectural Coating - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3557	0.2219	2.5623	8.2100e-003	0.9166	6.5500e-003	0.9231	0.2431	6.0400e-003	0.2491		818.8000	818.8000	0.0206		819.3138
Total	**0.3557**	**0.2219**	**2.5623**	**8.2100e-003**	**0.9166**	**6.5500e-003**	**0.9231**	**0.2431**	**6.0400e-003**	**0.2491**		**818.8000**	**818.8000**	**0.0206**		**819.3138**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Increase Density

Increase Transit Accessibility

Integrate Below Market Rate Housing

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	3.8788	19.6209	40.0033	0.1399	11.5907	0.1159	11.7066	3.1012	0.1081	3.2093		14,262.9311	14,262.9311	0.7746		14,282.2961
Unmitigated	4.6520	25.2473	59.1339	0.2254	19.4529	0.1823	19.6352	5.2048	0.1702	5.3750		22,962.9454	22,962.9454	1.1291		22,991.1718

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	2,377.44	2,377.44	2377.44	8,124,074	4,840,600
Enclosed Parking with Elevator	0.00	0.00	0.00		
Strip Mall	538.41	538.41	538.41	1,024,376	610,358
Total	2,915.85	2,915.85	2,915.85	9,148,450	5,450,958

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	45	40	15

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.549559	0.042893	0.201564	0.118533	0.015569	0.005846	0.021394	0.034255	0.002099	0.001828	0.004855	0.000709	0.000896
Enclosed Parking with Elevator	0.549559	0.042893	0.201564	0.118533	0.015569	0.005846	0.021394	0.034255	0.002099	0.001828	0.004855	0.000709	0.000896
Strip Mall	0.549559	0.042893	0.201564	0.118533	0.015569	0.005846	0.021394	0.034255	0.002099	0.001828	0.004855	0.000709	0.000896

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

Install High Efficiency Lighting

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.1526	1.3044	0.5581	8.3200e-003		0.1054	0.1054		0.1054	0.1054		1,664.6820	1,664.6820	0.0319	0.0305	1,674.5744
NaturalGas Unmitigated	0.1526	1.3044	0.5581	8.3200e-003		0.1054	0.1054		0.1054	0.1054		1,664.6820	1,664.6820	0.0319	0.0305	1,674.5744

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Mid Rise	14076.1	0.1518	1.2972	0.5520	8.2800e-003		0.1049	0.1049		0.1049	0.1049		1,656.0156	1,656.0156	0.0317	0.0304	1,665.8564
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Strip Mall	73.6652	7.9000e-004	7.2200e-003	6.0700e-003	4.0000e-005		5.5000e-004	5.5000e-004		5.5000e-004	5.5000e-004		8.6665	8.6665	1.7000e-004	1.6000e-004	8.7180
Total		**0.1526**	**1.3044**	**0.5581**	**8.3200e-003**		**0.1054**	**0.1054**		**0.1054**	**0.1054**		**1,664.6820**	**1,664.6820**	**0.0319**	**0.0305**	**1,674.5744**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Mid Rise	14.0761	0.1518	1.2972	0.5520	8.2800e-003		0.1049	0.1049		0.1049	0.1049		1,656.0156	1,656.0156	0.0317	0.0304	1,665.8564
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Strip Mall	0.0736652	7.9000e-004	7.2200e-003	6.0700e-003	4.0000e-005		5.5000e-004	5.5000e-004		5.5000e-004	5.5000e-004		8.6665	8.6665	1.7000e-004	1.6000e-004	8.7180
Total		**0.1526**	**1.3044**	**0.5581**	**8.3200e-003**		**0.1054**	**0.1054**		**0.1054**	**0.1054**		**1,664.6820**	**1,664.6820**	**0.0319**	**0.0305**	**1,674.5744**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

No Hearths Installed

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	12.4378	0.4462	38.6949	2.0400e-003		0.2137	0.2137		0.2137	0.2137	0.0000	69.6139	69.6139	0.0673	0.0000	71.2967
Unmitigated	12.4378	0.4462	38.6949	2.0400e-003		0.2137	0.2137		0.2137	0.2137	0.0000	69.6139	69.6139	0.0673	0.0000	71.2967

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.9169					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	10.3494					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.1714	0.4462	38.6949	2.0400e-003		0.2137	0.2137		0.2137	0.2137		69.6139	69.6139	0.0673		71.2967
Total	**12.4378**	**0.4462**	**38.6949**	**2.0400e-003**		**0.2137**	**0.2137**		**0.2137**	**0.2137**	**0.0000**	**69.6139**	**69.6139**	**0.0673**	**0.0000**	**71.2967**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.9169					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	10.3494					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.1714	0.4462	38.6949	2.0400e-003		0.2137	0.2137		0.2137	0.2137		69.6139	69.6139	0.0673		71.2967
Total	**12.4378**	**0.4462**	**38.6949**	**2.0400e-003**		**0.2137**	**0.2137**		**0.2137**	**0.2137**	**0.0000**	**69.6139**	**69.6139**	**0.0673**	**0.0000**	**71.2967**

7.0 Water Detail

7.1 Mitigation Measures Water

Install Low Flow Bathroom Faucet

Install Low Flow Kitchen Faucet

Install Low Flow Toilet

Install Low Flow Shower

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Avenue 34 Mixed-Use Modified Project

South Coast AQMD Air District, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Enclosed Parking with Elevator	401.00	Space	0.00	160,400.00	0
Apartments Mid Rise	468.00	Dwelling Unit	5.03	503,434.00	1338
Strip Mall	16.44	1000sqft	0.00	16,395.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	12			**Operational Year**	2022
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	1227.89	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Avenue 34 Mixed-Use Modified Project - South Coast AQMD Air District, Summer

Project Characteristics -

Land Use - 5.03 ac. lot. 468 apartments 503,434 sf. 16,395 sf retail. 401 parking spaes

Construction Phase - demo 45, grading 70, building 525, paving 20, coating 85

Off-road Equipment - 2 compressors

Off-road Equipment -

Off-road Equipment -

Off-road Equipment - 2 excavators, 2 dozers, 5 backhoes

Off-road Equipment -

Demolition - 6,000 tons demo debris

Grading - 91,000 cy export. 5.03 ac

Vehicle Trips - Trip generation per traffic letter 6/13/2019

Woodstoves - No hearths

Construction Off-road Equipment Mitigation -

Mobile Land Use Mitigation -

Area Mitigation -

Energy Mitigation -

Water Mitigation -

Waste Mitigation -

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	20.00	85.00
tblConstructionPhase	NumDays	230.00	525.00
tblConstructionPhase	NumDays	20.00	45.00
tblConstructionPhase	NumDays	20.00	70.00
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00

tblFireplaces	NumberGas	397.80	0.00
tblFireplaces	NumberNoFireplace	46.80	0.00
tblFireplaces	NumberWood	23.40	0.00
tblGrading	AcresOfGrading	35.00	5.03
tblGrading	MaterialExported	0.00	91,000.00
tblLandUse	LandUseSquareFeet	468,000.00	503,434.00
tblLandUse	LandUseSquareFeet	16,440.00	16,395.00
tblLandUse	LotAcreage	3.61	0.00
tblLandUse	LotAcreage	12.32	5.03
tblLandUse	LotAcreage	0.38	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	5.00
tblTripsAndVMT	WorkerTripNumber	25.00	15.00
tblVehicleTrips	ST_TR	6.39	5.08
tblVehicleTrips	ST_TR	42.04	32.75
tblVehicleTrips	SU_TR	5.86	5.08
tblVehicleTrips	SU_TR	20.43	32.75
tblVehicleTrips	WD_TR	6.65	5.08
tblVehicleTrips	WD_TR	44.32	32.75
tblWoodstoves	NumberCatalytic	23.40	0.00
tblWoodstoves	NumberNoncatalytic	23.40	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	5.4744	88.6098	37.4243	0.1773	15.2746	2.3553	17.6300	7.4736	2.1722	9.6458	0.0000	18,595.9953	18,595.9953	2.4720	0.0000	18,657.7950
2021	3.8514	26.0892	33.8089	0.0927	5.0884	1.0075	6.0960	1.3610	0.9469	2.3078	0.0000	9,245.9814	9,245.9814	0.8683	0.0000	9,267.6890
2022	40.1068	23.7817	32.3357	0.0908	5.0884	0.8549	5.9434	1.3610	0.8039	2.1649	0.0000	9,065.4688	9,065.4688	0.8476	0.0000	9,086.6595
Maximum	**40.1068**	**88.6098**	**37.4243**	**0.1773**	**15.2746**	**2.3553**	**17.6300**	**7.4736**	**2.1722**	**9.6458**	**0.0000**	**18,595.9953**	**18,595.9953**	**2.4720**	**0.0000**	**18,657.7950**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	5.4744	88.6098	37.4243	0.1773	8.5275	2.3553	10.8829	3.8156	2.1722	5.9877	0.0000	18,595.9953	18,595.9953	2.4720	0.0000	18,657.7950
2021	3.8514	26.0892	33.8089	0.0927	5.0884	1.0075	6.0960	1.3610	0.9469	2.3078	0.0000	9,245.9814	9,245.9814	0.8683	0.0000	9,267.6890
2022	40.1068	23.7817	32.3357	0.0908	5.0884	0.8549	5.9434	1.3610	0.8039	2.1649	0.0000	9,065.4688	9,065.4688	0.8476	0.0000	9,086.6595
Maximum	**40.1068**	**88.6098**	**37.4243**	**0.1773**	**8.5275**	**2.3553**	**10.8829**	**3.8156**	**2.1722**	**5.9877**	**0.0000**	**18,595.9953**	**18,595.9953**	**2.4720**	**0.0000**	**18,657.7950**

Avenue 34 Mixed-Use Modified Project - South Coast AQMD Air District, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**26.51**	**0.00**	**22.74**	**35.88**	**0.00**	**25.91**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	12.4378	0.4462	38.6949	2.0400e-003		0.2137	0.2137		0.2137	0.2137	0.0000	69.6139	69.6139	0.0673	0.0000	71.2967
Energy	0.1526	1.3044	0.5581	8.3200e-003		0.1054	0.1054		0.1054	0.1054		1,664.6820	1,664.6820	0.0319	0.0305	1,674.5744
Mobile	4.8999	24.8042	63.1111	0.2381	19.4529	0.1812	19.6341	5.2048	0.1691	5.3739		24,248.6410	24,248.6410	1.1275		24,276.8294
Total	**17.4903**	**26.5548**	**102.3640**	**0.2485**	**19.4529**	**0.5004**	**19.9532**	**5.2048**	**0.4883**	**5.6931**	**0.0000**	**25,982.9369**	**25,982.9369**	**1.2268**	**0.0305**	**26,022.7005**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	12.4378	0.4462	38.6949	2.0400e-003		0.2137	0.2137		0.2137	0.2137	0.0000	69.6139	69.6139	0.0673	0.0000	71.2967
Energy	0.1526	1.3044	0.5581	8.3200e-003		0.1054	0.1054		0.1054	0.1054		1,664.6820	1,664.6820	0.0319	0.0305	1,674.5744
Mobile	4.1025	19.4772	41.5730	0.1481	11.5907	0.1148	11.7055	3.1012	0.1071	3.2083		15,092.1191	15,092.1191	0.7618		15,111.1635
Total	**16.6928**	**21.2278**	**80.8259**	**0.1584**	**11.5907**	**0.4340**	**12.0246**	**3.1012**	**0.4262**	**3.5274**	**0.0000**	**16,826.4150**	**16,826.4150**	**0.8610**	**0.0305**	**16,857.0346**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**4.56**	**20.06**	**21.04**	**36.25**	**40.42**	**13.27**	**39.74**	**40.42**	**12.70**	**38.04**	**0.00**	**35.24**	**35.24**	**29.81**	**0.00**	**35.22**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/6/2020	3/6/2020	5	45	
2	Grading	Grading	3/9/2020	6/12/2020	5	70	
3	Building Construction	Building Construction	6/15/2020	6/17/2022	5	525	
4	Paving	Paving	6/20/2022	7/15/2022	5	20	
5	Architectural Coating	Architectural Coating	7/18/2022	11/11/2022	5	85	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 5.03

Acres of Paving: 0

Residential Indoor: 1,019,454; Residential Outdoor: 339,818; Non-Residential Indoor: 24,593; Non-Residential Outdoor: 8,198; Striped Parking Area: 9,624 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	2	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	5	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	2	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	593.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	10	15.00	0.00	11,375.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	410.00	79.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	2	82.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.8532	0.0000	2.8532	0.4320	0.0000	0.4320			0.0000			0.0000
Off-Road	3.3121	33.2010	21.7532	0.0388		1.6587	1.6587		1.5419	1.5419		3,747.7049	3,747.7049	1.0580		3,774.1536
Total	**3.3121**	**33.2010**	**21.7532**	**0.0388**	**2.8532**	**1.6587**	**4.5119**	**0.4320**	**1.5419**	**1.9739**		**3,747.7049**	**3,747.7049**	**1.0580**		**3,774.1536**

3.2 Demolition - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1001	3.5862	0.7136	0.0102	0.2303	0.0116	0.2418	0.0631	0.0111	0.0742		1,104.7316	1,104.7316	0.0741		1,106.5849
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0679	0.0456	0.6132	1.7200e-003	0.1677	1.2700e-003	0.1689	0.0445	1.1700e-003	0.0456		171.6626	171.6626	4.9400e-003		171.7860
Total	**0.1680**	**3.6319**	**1.3268**	**0.0119**	**0.3979**	**0.0128**	**0.4108**	**0.1076**	**0.0122**	**0.1198**		**1,276.3942**	**1,276.3942**	**0.0791**		**1,278.3709**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.2839	0.0000	1.2839	0.1944	0.0000	0.1944			0.0000			0.0000
Off-Road	3.3121	33.2010	21.7532	0.0388		1.6587	1.6587		1.5419	1.5419	0.0000	3,747.7049	3,747.7049	1.0580		3,774.1536
Total	**3.3121**	**33.2010**	**21.7532**	**0.0388**	**1.2839**	**1.6587**	**2.9426**	**0.1944**	**1.5419**	**1.7363**	**0.0000**	**3,747.7049**	**3,747.7049**	**1.0580**		**3,774.1536**

3.2 Demolition - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1001	3.5862	0.7136	0.0102	0.2303	0.0116	0.2418	0.0631	0.0111	0.0742		1,104.7316	1,104.7316	0.0741		1,106.5849
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0679	0.0456	0.6132	1.7200e-003	0.1677	1.2700e-003	0.1689	0.0445	1.1700e-003	0.0456		171.6626	171.6626	4.9400e-003		171.7860
Total	**0.1680**	**3.6319**	**1.3268**	**0.0119**	**0.3979**	**0.0128**	**0.4108**	**0.1076**	**0.0122**	**0.1198**		**1,276.3942**	**1,276.3942**	**0.0791**		**1,278.3709**

3.3 Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					12.2674	0.0000	12.2674	6.6510	0.0000	6.6510			0.0000			0.0000
Off-Road	4.1723	44.3410	28.0118	0.0496		2.2115	2.2115		2.0346	2.0346		4,801.4831	4,801.4831	1.5529		4,840.3055
Total	**4.1723**	**44.3410**	**28.0118**	**0.0496**	**12.2674**	**2.2115**	**14.4789**	**6.6510**	**2.0346**	**8.6855**		**4,801.4831**	**4,801.4831**	**1.5529**		**4,840.3055**

3.3 Grading - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.2342	44.2231	8.7993	0.1260	2.8396	0.1426	2.9821	0.7782	0.1364	0.9146		13,622.8497	13,622.8497	0.9142		13,645.7035
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0679	0.0456	0.6132	1.7200e-003	0.1677	1.2700e-003	0.1689	0.0445	1.1700e-003	0.0456		171.6626	171.6626	4.9400e-003		171.7860
Total	**1.3021**	**44.2687**	**9.4125**	**0.1277**	**3.0072**	**0.1438**	**3.1511**	**0.8227**	**0.1376**	**0.9602**		**13,794.5123**	**13,794.5123**	**0.9191**		**13,817.4895**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.5203	0.0000	5.5203	2.9929	0.0000	2.9929			0.0000			0.0000
Off-Road	4.1723	44.3410	28.0118	0.0496		2.2115	2.2115		2.0346	2.0346	0.0000	4,801.4831	4,801.4831	1.5529		4,840.3055
Total	**4.1723**	**44.3410**	**28.0118**	**0.0496**	**5.5203**	**2.2115**	**7.7318**	**2.9929**	**2.0346**	**5.0275**	**0.0000**	**4,801.4831**	**4,801.4831**	**1.5529**		**4,840.3055**

3.3 Grading - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.2342	44.2231	8.7993	0.1260	2.8396	0.1426	2.9821	0.7782	0.1364	0.9146		13,622.8497	13,622.8497	0.9142		13,645.7035
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0679	0.0456	0.6132	1.7200e-003	0.1677	1.2700e-003	0.1689	0.0445	1.1700e-003	0.0456		171.6626	171.6626	4.9400e-003		171.7860
Total	**1.3021**	**44.2687**	**9.4125**	**0.1277**	**3.0072**	**0.1438**	**3.1511**	**0.8227**	**0.1376**	**0.9602**		**13,794.5123**	**13,794.5123**	**0.9191**		**13,817.4895**

3.4 Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1198	19.1860	16.8485	0.0269		1.1171	1.1171		1.0503	1.0503		2,553.0631	2,553.0631	0.6229		2,568.6345
Total	**2.1198**	**19.1860**	**16.8485**	**0.0269**		**1.1171**	**1.1171**		**1.0503**	**1.0503**		**2,553.0631**	**2,553.0631**	**0.6229**		**2,568.6345**

3.4 Building Construction - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.2595	8.2899	1.9740	0.0203	0.5056	0.0411	0.5467	0.1456	0.0393	0.1849		2,168.1428	2,168.1428	0.1361		2,171.5460
Worker	1.8550	1.2469	16.7615	0.0471	4.5828	0.0348	4.6176	1.2154	0.0320	1.2474		4,692.1116	4,692.1116	0.1349		4,695.4841
Total	**2.1145**	**9.5368**	**18.7355**	**0.0674**	**5.0884**	**0.0758**	**5.1643**	**1.3610**	**0.0713**	**1.4323**		**6,860.2544**	**6,860.2544**	**0.2710**		**6,867.0301**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1198	19.1860	16.8485	0.0269		1.1171	1.1171		1.0503	1.0503	0.0000	2,553.0631	2,553.0631	0.6229		2,568.6345
Total	**2.1198**	**19.1860**	**16.8485**	**0.0269**		**1.1171**	**1.1171**		**1.0503**	**1.0503**	**0.0000**	**2,553.0631**	**2,553.0631**	**0.6229**		**2,568.6345**

3.4 Building Construction - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.2595	8.2899	1.9740	0.0203	0.5056	0.0411	0.5467	0.1456	0.0393	0.1849		2,168.1428	2,168.1428	0.1361		2,171.5460
Worker	1.8550	1.2469	16.7615	0.0471	4.5828	0.0348	4.6176	1.2154	0.0320	1.2474		4,692.1116	4,692.1116	0.1349		4,695.4841
Total	**2.1145**	**9.5368**	**18.7355**	**0.0674**	**5.0884**	**0.0758**	**5.1643**	**1.3610**	**0.0713**	**1.4323**		**6,860.2544**	**6,860.2544**	**0.2710**		**6,867.0301**

3.4 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013		2,553.3639	2,553.3639	0.6160		2,568.7643
Total	**1.9009**	**17.4321**	**16.5752**	**0.0269**		**0.9586**	**0.9586**		**0.9013**	**0.9013**		**2,553.3639**	**2,553.3639**	**0.6160**		**2,568.7643**

3.4 Building Construction - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.2198	7.5347	1.7880	0.0202	0.5056	0.0152	0.5208	0.1456	0.0145	0.1601		2,152.2639	2,152.2639	0.1302		2,155.5187
Worker	1.7307	1.1225	15.4457	0.0456	4.5828	0.0337	4.6166	1.2154	0.0311	1.2465		4,540.3536	4,540.3536	0.1221		4,543.4060
Total	**1.9505**	**8.6571**	**17.2337**	**0.0657**	**5.0884**	**0.0489**	**5.1374**	**1.3610**	**0.0456**	**1.4065**		**6,692.6175**	**6,692.6175**	**0.2523**		**6,698.9247**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013	0.0000	2,553.3639	2,553.3639	0.6160		2,568.7643
Total	**1.9009**	**17.4321**	**16.5752**	**0.0269**		**0.9586**	**0.9586**		**0.9013**	**0.9013**	**0.0000**	**2,553.3639**	**2,553.3639**	**0.6160**		**2,568.7643**

3.4 Building Construction - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.2198	7.5347	1.7880	0.0202	0.5056	0.0152	0.5208	0.1456	0.0145	0.1601		2,152.2639	2,152.2639	0.1302		2,155.5187
Worker	1.7307	1.1225	15.4457	0.0456	4.5828	0.0337	4.6166	1.2154	0.0311	1.2465		4,540.3536	4,540.3536	0.1221		4,543.4060
Total	**1.9505**	**8.6571**	**17.2337**	**0.0657**	**5.0884**	**0.0489**	**5.1374**	**1.3610**	**0.0456**	**1.4065**		**6,692.6175**	**6,692.6175**	**0.2523**		**6,698.9247**

3.4 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322
Total	**1.7062**	**15.6156**	**16.3634**	**0.0269**		**0.8090**	**0.8090**		**0.7612**	**0.7612**		**2,554.3336**	**2,554.3336**	**0.6120**		**2,569.6322**

3.4 Building Construction - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.2062	7.1521	1.6898	0.0200	0.5056	0.0132	0.5188	0.1456	0.0126	0.1581		2,133.4671	2,133.4671	0.1253		2,136.6005
Worker	1.6234	1.0139	14.2825	0.0439	4.5828	0.0328	4.6156	1.2154	0.0302	1.2456		4,377.6681	4,377.6681	0.1104		4,380.4268
Total	**1.8296**	**8.1660**	**15.9723**	**0.0639**	**5.0884**	**0.0459**	**5.1344**	**1.3610**	**0.0428**	**1.4037**		**6,511.1352**	**6,511.1352**	**0.2357**		**6,517.0273**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322
Total	**1.7062**	**15.6156**	**16.3634**	**0.0269**		**0.8090**	**0.8090**		**0.7612**	**0.7612**	**0.0000**	**2,554.3336**	**2,554.3336**	**0.6120**		**2,569.6322**

3.4 Building Construction - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.2062	7.1521	1.6898	0.0200	0.5056	0.0132	0.5188	0.1456	0.0126	0.1581		2,133.4671	2,133.4671	0.1253		2,136.6005
Worker	1.6234	1.0139	14.2825	0.0439	4.5828	0.0328	4.6156	1.2154	0.0302	1.2456		4,377.6681	4,377.6681	0.1104		4,380.4268
Total	**1.8296**	**8.1660**	**15.9723**	**0.0639**	**5.0884**	**0.0459**	**5.1344**	**1.3610**	**0.0428**	**1.4037**		**6,511.1352**	**6,511.1352**	**0.2357**		**6,517.0273**

3.5 Paving - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225		2,207.6603	2,207.6603	0.7140		2,225.5104
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.1028**	**11.1249**	**14.5805**	**0.0228**		**0.5679**	**0.5679**		**0.5225**	**0.5225**		**2,207.6603**	**2,207.6603**	**0.7140**		**2,225.5104**

3.5 Paving - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0594	0.0371	0.5225	1.6100e-003	0.1677	1.2000e-003	0.1689	0.0445	1.1000e-003	0.0456		160.1586	160.1586	4.0400e-003		160.2595
Total	**0.0594**	**0.0371**	**0.5225**	**1.6100e-003**	**0.1677**	**1.2000e-003**	**0.1689**	**0.0445**	**1.1000e-003**	**0.0456**		**160.1586**	**160.1586**	**4.0400e-003**		**160.2595**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225	0.0000	2,207.6603	2,207.6603	0.7140		2,225.5104
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.1028**	**11.1249**	**14.5805**	**0.0228**		**0.5679**	**0.5679**		**0.5225**	**0.5225**	**0.0000**	**2,207.6603**	**2,207.6603**	**0.7140**		**2,225.5104**

3.5 Paving - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0594	0.0371	0.5225	1.6100e-003	0.1677	1.2000e-003	0.1689	0.0445	1.1000e-003	0.0456		160.1586	160.1586	4.0400e-003		160.2595
Total	**0.0594**	**0.0371**	**0.5225**	**1.6100e-003**	**0.1677**	**1.2000e-003**	**0.1689**	**0.0445**	**1.1000e-003**	**0.0456**		**160.1586**	**160.1586**	**4.0400e-003**		**160.2595**

3.6 Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	39.3730					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4091	2.8170	3.6272	5.9400e-003		0.1634	0.1634		0.1634	0.1634		562.8961	562.8961	0.0367		563.8123
Total	**39.7821**	**2.8170**	**3.6272**	**5.9400e-003**		**0.1634**	**0.1634**		**0.1634**	**0.1634**		**562.8961**	**562.8961**	**0.0367**		**563.8123**

3.6 Architectural Coating - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3247	0.2028	2.8565	8.7900e-003	0.9166	6.5500e-003	0.9231	0.2431	6.0400e-003	0.2491		875.5336	875.5336	0.0221		876.0854
Total	**0.3247**	**0.2028**	**2.8565**	**8.7900e-003**	**0.9166**	**6.5500e-003**	**0.9231**	**0.2431**	**6.0400e-003**	**0.2491**		**875.5336**	**875.5336**	**0.0221**		**876.0854**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	39.3730					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4091	2.8170	3.6272	5.9400e-003		0.1634	0.1634		0.1634	0.1634	0.0000	562.8961	562.8961	0.0367		563.8123
Total	**39.7821**	**2.8170**	**3.6272**	**5.9400e-003**		**0.1634**	**0.1634**		**0.1634**	**0.1634**	**0.0000**	**562.8961**	**562.8961**	**0.0367**		**563.8123**

3.6 Architectural Coating - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3247	0.2028	2.8565	8.7900e-003	0.9166	6.5500e-003	0.9231	0.2431	6.0400e-003	0.2491		875.5336	875.5336	0.0221		876.0854
Total	**0.3247**	**0.2028**	**2.8565**	**8.7900e-003**	**0.9166**	**6.5500e-003**	**0.9231**	**0.2431**	**6.0400e-003**	**0.2491**		**875.5336**	**875.5336**	**0.0221**		**876.0854**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Increase Density

Increase Transit Accessibility

Integrate Below Market Rate Housing

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	4.1025	19.4772	41.5730	0.1481	11.5907	0.1148	11.7055	3.1012	0.1071	3.2083		15,092.1191	15,092.1191	0.7618		15,111.1635
Unmitigated	4.8999	24.8042	63.1111	0.2381	19.4529	0.1812	19.6341	5.2048	0.1691	5.3739		24,248.6410	24,248.6410	1.1275		24,276.8294

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	2,377.44	2,377.44	2377.44	8,124,074	4,840,600
Enclosed Parking with Elevator	0.00	0.00	0.00		
Strip Mall	538.41	538.41	538.41	1,024,376	610,358
Total	2,915.85	2,915.85	2,915.85	9,148,450	5,450,958

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	45	40	15

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.549559	0.042893	0.201564	0.118533	0.015569	0.005846	0.021394	0.034255	0.002099	0.001828	0.004855	0.000709	0.000896
Enclosed Parking with Elevator	0.549559	0.042893	0.201564	0.118533	0.015569	0.005846	0.021394	0.034255	0.002099	0.001828	0.004855	0.000709	0.000896
Strip Mall	0.549559	0.042893	0.201564	0.118533	0.015569	0.005846	0.021394	0.034255	0.002099	0.001828	0.004855	0.000709	0.000896

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

Install High Efficiency Lighting

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.1526	1.3044	0.5581	8.3200e-003		0.1054	0.1054		0.1054	0.1054		1,664.6820	1,664.6820	0.0319	0.0305	1,674.5744
NaturalGas Unmitigated	0.1526	1.3044	0.5581	8.3200e-003		0.1054	0.1054		0.1054	0.1054		1,664.6820	1,664.6820	0.0319	0.0305	1,674.5744

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Mid Rise	14076.1	0.1518	1.2972	0.5520	8.2800e-003		0.1049	0.1049		0.1049	0.1049		1,656.0156	1,656.0156	0.0317	0.0304	1,665.8564
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Strip Mall	73.6652	7.9000e-004	7.2200e-003	6.0700e-003	4.0000e-005		5.5000e-004	5.5000e-004		5.5000e-004	5.5000e-004		8.6665	8.6665	1.7000e-004	1.6000e-004	8.7180
Total		**0.1526**	**1.3044**	**0.5581**	**8.3200e-003**		**0.1054**	**0.1054**		**0.1054**	**0.1054**		**1,664.6820**	**1,664.6820**	**0.0319**	**0.0305**	**1,674.5744**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Mid Rise	14.0761	0.1518	1.2972	0.5520	8.2800e-003		0.1049	0.1049		0.1049	0.1049		1,656.0156	1,656.0156	0.0317	0.0304	1,665.8564
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Strip Mall	0.0736652	7.9000e-004	7.2200e-003	6.0700e-003	4.0000e-005		5.5000e-004	5.5000e-004		5.5000e-004	5.5000e-004		8.6665	8.6665	1.7000e-004	1.6000e-004	8.7180
Total		**0.1526**	**1.3044**	**0.5581**	**8.3200e-003**		**0.1054**	**0.1054**		**0.1054**	**0.1054**		**1,664.6820**	**1,664.6820**	**0.0319**	**0.0305**	**1,674.5744**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

No Hearths Installed

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	12.4378	0.4462	38.6949	2.0400e-003		0.2137	0.2137		0.2137	0.2137	0.0000	69.6139	69.6139	0.0673	0.0000	71.2967
Unmitigated	12.4378	0.4462	38.6949	2.0400e-003		0.2137	0.2137		0.2137	0.2137	0.0000	69.6139	69.6139	0.0673	0.0000	71.2967

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.9169					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	10.3494					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.1714	0.4462	38.6949	2.0400e-003		0.2137	0.2137		0.2137	0.2137		69.6139	69.6139	0.0673		71.2967
Total	**12.4378**	**0.4462**	**38.6949**	**2.0400e-003**		**0.2137**	**0.2137**		**0.2137**	**0.2137**	**0.0000**	**69.6139**	**69.6139**	**0.0673**	**0.0000**	**71.2967**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.9169					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	10.3494					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.1714	0.4462	38.6949	2.0400e-003		0.2137	0.2137		0.2137	0.2137		69.6139	69.6139	0.0673		71.2967
Total	**12.4378**	**0.4462**	**38.6949**	**2.0400e-003**		**0.2137**	**0.2137**		**0.2137**	**0.2137**	**0.0000**	**69.6139**	**69.6139**	**0.0673**	**0.0000**	**71.2967**

7.0 Water Detail

7.1 Mitigation Measures Water

Install Low Flow Bathroom Faucet

Install Low Flow Kitchen Faucet

Install Low Flow Toilet

Install Low Flow Shower

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Avenue 34 Mixed-Use Modified Project

South Coast AQMD Air District, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Enclosed Parking with Elevator	401.00	Space	0.00	160,400.00	0
Apartments Mid Rise	468.00	Dwelling Unit	5.03	503,434.00	1338
Strip Mall	16.44	1000sqft	0.00	16,395.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	12			**Operational Year**	2022
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	1227.89	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - 5.03 ac. lot. 468 apartments 503,434 sf. 16,395 sf retail. 401 parking spaes

Construction Phase - demo 45, grading 70, building 525, paving 20, coating 85

Off-road Equipment - 2 compressors

Off-road Equipment -

Off-road Equipment -

Off-road Equipment - 2 excavators, 2 dozers, 5 backhoes

Off-road Equipment -

Demolition - 6,000 tons demo debris

Grading - 91,000 cy export. 5.03 ac

Vehicle Trips - Trip generation per traffic letter 6/13/2019

Woodstoves - No hearths

Construction Off-road Equipment Mitigation -

Mobile Land Use Mitigation -

Area Mitigation -

Energy Mitigation -

Water Mitigation -

Waste Mitigation -

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	20.00	85.00
tblConstructionPhase	NumDays	230.00	525.00
tblConstructionPhase	NumDays	20.00	45.00
tblConstructionPhase	NumDays	20.00	70.00
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00

tblFireplaces	NumberGas	397.80	0.00
tblFireplaces	NumberNoFireplace	46.80	0.00
tblFireplaces	NumberWood	23.40	0.00
tblGrading	AcresOfGrading	35.00	5.03
tblGrading	MaterialExported	0.00	91,000.00
tblLandUse	LandUseSquareFeet	468,000.00	503,434.00
tblLandUse	LandUseSquareFeet	16,440.00	16,395.00
tblLandUse	LotAcreage	3.61	0.00
tblLandUse	LotAcreage	12.32	5.03
tblLandUse	LotAcreage	0.38	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	5.00
tblTripsAndVMT	WorkerTripNumber	25.00	15.00
tblVehicleTrips	ST_TR	6.39	5.08
tblVehicleTrips	ST_TR	42.04	32.75
tblVehicleTrips	SU_TR	5.86	5.08
tblVehicleTrips	SU_TR	20.43	32.75
tblVehicleTrips	WD_TR	6.65	5.08
tblVehicleTrips	WD_TR	44.32	32.75
tblWoodstoves	NumberCatalytic	23.40	0.00
tblWoodstoves	NumberNoncatalytic	23.40	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.5739	6.0705	4.3189	0.0139	0.9656	0.2060	1.1716	0.3696	0.1918	0.5614	0.0000	1,287.2618	1,287.2618	0.1605	0.0000	1,291.2742
2021	0.5004	3.4373	4.2749	0.0118	0.6520	0.1315	0.7835	0.1747	0.1236	0.2982	0.0000	1,065.3154	1,065.3154	0.1026	0.0000	1,067.8794
2022	1.9273	1.6814	2.2978	6.1600e-003	0.3397	0.0642	0.4039	0.0909	0.0607	0.1516	0.0000	555.6283	555.6283	0.0548	0.0000	556.9978
Maximum	**1.9273**	**6.0705**	**4.3189**	**0.0139**	**0.9656**	**0.2060**	**1.1716**	**0.3696**	**0.1918**	**0.5614**	**0.0000**	**1,287.2618**	**1,287.2618**	**0.1605**	**0.0000**	**1,291.2742**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.5739	6.0705	4.3189	0.0139	0.6942	0.2060	0.9002	0.2362	0.1918	0.4280	0.0000	1,287.2613	1,287.2613	0.1605	0.0000	1,291.2737
2021	0.5004	3.4373	4.2749	0.0118	0.6520	0.1315	0.7835	0.1747	0.1236	0.2982	0.0000	1,065.3150	1,065.3150	0.1026	0.0000	1,067.8790
2022	1.9273	1.6814	2.2978	6.1600e-003	0.3397	0.0642	0.4039	0.0909	0.0607	0.1516	0.0000	555.6281	555.6281	0.0548	0.0000	556.9976
Maximum	**1.9273**	**6.0705**	**4.3189**	**0.0139**	**0.6942**	**0.2060**	**0.9002**	**0.2362**	**0.1918**	**0.4280**	**0.0000**	**1,287.2613**	**1,287.2613**	**0.1605**	**0.0000**	**1,291.2737**

Avenue 34 Mixed-Use Modified Project - South Coast AQMD Air District, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**13.87**	**0.00**	**11.51**	**21.00**	**0.00**	**13.19**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	**1-6-2020**	**4-5-2020**	1.8254	1.8254
2	**4-6-2020**	**7-5-2020**	2.5321	2.5321
3	**7-6-2020**	**10-5-2020**	1.0834	1.0834
4	**10-6-2020**	**1-5-2021**	1.0870	1.0870
5	**1-6-2021**	**4-5-2021**	0.9701	0.9701
6	**4-6-2021**	**7-5-2021**	0.9731	0.9731
7	**7-6-2021**	**10-5-2021**	0.9842	0.9842
8	**10-6-2021**	**1-5-2022**	0.9874	0.9874
9	**1-6-2022**	**4-5-2022**	0.8851	0.8851
10	**4-6-2022**	**7-5-2022**	0.7826	0.7826
11	**7-6-2022**	**9-30-2022**	1.1992	1.1992
		Highest	2.5321	2.5321

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	2.2025	0.0558	4.8369	2.6000e-004		0.0267	0.0267		0.0267	0.0267	0.0000	7.8941	7.8941	7.6300e-003	0.0000	8.0849
Energy	0.0279	0.2381	0.1019	1.5200e-003		0.0192	0.0192		0.0192	0.0192	0.0000	1,979.0042	1,979.0042	0.0455	0.0134	1,984.1282
Mobile	0.8285	4.6773	10.9295	0.0416	3.4762	0.0330	3.5092	0.9315	0.0308	0.9623	0.0000	3,847.7316	3,847.7316	0.1850	0.0000	3,852.3568
Waste						0.0000	0.0000		0.0000	0.0000	47.2035	0.0000	47.2035	2.7897	0.0000	116.9447
Water						0.0000	0.0000		0.0000	0.0000	10.0601	353.5349	363.5950	1.0416	0.0261	397.4207
Total	**3.0589**	**4.9711**	**15.8682**	**0.0434**	**3.4762**	**0.0790**	**3.5552**	**0.9315**	**0.0768**	**1.0083**	**57.2636**	**6,188.1648**	**6,245.4284**	**4.0694**	**0.0395**	**6,358.9353**

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	2.2025	0.0558	4.8369	2.6000e-004		0.0267	0.0267		0.0267	0.0267	0.0000	7.8941	7.8941	7.6300e-003	0.0000	8.0849
Energy	0.0279	0.2381	0.1019	1.5200e-003		0.0192	0.0192		0.0192	0.0192	0.0000	1,979.0042	1,979.0042	0.0455	0.0134	1,984.1282
Mobile	0.6865	3.6337	7.3429	0.0259	2.0713	0.0210	2.0922	0.5550	0.0196	0.5746	0.0000	2,394.4323	2,394.4323	0.1261	0.0000	2,397.5849
Waste						0.0000	0.0000		0.0000	0.0000	23.6018	0.0000	23.6018	1.3948	0.0000	58.4724
Water						0.0000	0.0000		0.0000	0.0000	8.0481	307.5417	315.5898	0.8339	0.0210	342.7009
Total	**2.9169**	**3.9275**	**12.2816**	**0.0277**	**2.0713**	**0.0669**	**2.1382**	**0.5550**	**0.0655**	**0.6205**	**31.6498**	**4,688.8723**	**4,720.5221**	**2.4080**	**0.0344**	**4,790.9713**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**4.64**	**20.99**	**22.60**	**36.28**	**40.42**	**15.30**	**39.86**	**40.42**	**14.68**	**38.46**	**44.73**	**24.23**	**24.42**	**40.83**	**12.93**	**24.66**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/6/2020	3/6/2020	5	45	
2	Grading	Grading	3/9/2020	6/12/2020	5	70	
3	Building Construction	Building Construction	6/15/2020	6/17/2022	5	525	
4	Paving	Paving	6/20/2022	7/15/2022	5	20	
5	Architectural Coating	Architectural Coating	7/18/2022	11/11/2022	5	85	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 5.03

Acres of Paving: 0

Residential Indoor: 1,019,454; Residential Outdoor: 339,818; Non-Residential Indoor: 24,593; Non-Residential Outdoor: 8,198; Striped Parking Area: 9,624 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	2	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	5	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	2	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	593.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	10	15.00	0.00	11,375.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	410.00	79.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	2	82.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0642	0.0000	0.0642	9.7200e-003	0.0000	9.7200e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0745	0.7470	0.4895	8.7000e-004		0.0373	0.0373		0.0347	0.0347	0.0000	76.4969	76.4969	0.0216	0.0000	77.0367
Total	**0.0745**	**0.7470**	**0.4895**	**8.7000e-004**	**0.0642**	**0.0373**	**0.1015**	**9.7200e-003**	**0.0347**	**0.0444**	**0.0000**	**76.4969**	**76.4969**	**0.0216**	**0.0000**	**77.0367**

3.2 Demolition - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.2800e-003	0.0832	0.0166	2.3000e-004	5.1000e-003	2.6000e-004	5.3600e-003	1.4000e-003	2.5000e-004	1.6500e-003	0.0000	22.3751	22.3751	1.5400e-003	0.0000	22.4136
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.5100e-003	1.1600e-003	0.0128	4.0000e-005	3.7000e-003	3.0000e-005	3.7300e-003	9.8000e-004	3.0000e-005	1.0100e-003	0.0000	3.3334	3.3334	1.0000e-004	0.0000	3.3358
Total	**3.7900e-003**	**0.0844**	**0.0294**	**2.7000e-004**	**8.8000e-003**	**2.9000e-004**	**9.0900e-003**	**2.3800e-003**	**2.8000e-004**	**2.6600e-003**	**0.0000**	**25.7084**	**25.7084**	**1.6400e-003**	**0.0000**	**25.7494**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0289	0.0000	0.0289	4.3700e-003	0.0000	4.3700e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0745	0.7470	0.4895	8.7000e-004		0.0373	0.0373		0.0347	0.0347	0.0000	76.4968	76.4968	0.0216	0.0000	77.0366
Total	**0.0745**	**0.7470**	**0.4895**	**8.7000e-004**	**0.0289**	**0.0373**	**0.0662**	**4.3700e-003**	**0.0347**	**0.0391**	**0.0000**	**76.4968**	**76.4968**	**0.0216**	**0.0000**	**77.0366**

3.2 Demolition - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.2800e-003	0.0832	0.0166	2.3000e-004	5.1000e-003	2.6000e-004	5.3600e-003	1.4000e-003	2.5000e-004	1.6500e-003	0.0000	22.3751	22.3751	1.5400e-003	0.0000	22.4136
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.5100e-003	1.1600e-003	0.0128	4.0000e-005	3.7000e-003	3.0000e-005	3.7300e-003	9.8000e-004	3.0000e-005	1.0100e-003	0.0000	3.3334	3.3334	1.0000e-004	0.0000	3.3358
Total	**3.7900e-003**	**0.0844**	**0.0294**	**2.7000e-004**	**8.8000e-003**	**2.9000e-004**	**9.0900e-003**	**2.3800e-003**	**2.8000e-004**	**2.6600e-003**	**0.0000**	**25.7084**	**25.7084**	**1.6400e-003**	**0.0000**	**25.7494**

3.3 Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.4294	0.0000	0.4294	0.2328	0.0000	0.2328	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1460	1.5519	0.9804	1.7300e-003		0.0774	0.0774		0.0712	0.0712	0.0000	152.4541	152.4541	0.0493	0.0000	153.6868
Total	**0.1460**	**1.5519**	**0.9804**	**1.7300e-003**	**0.4294**	**0.0774**	**0.5068**	**0.2328**	**0.0712**	**0.3040**	**0.0000**	**152.4541**	**152.4541**	**0.0493**	**0.0000**	**153.6868**

3.3 Grading - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0437	1.5960	0.3183	4.3800e-003	0.0978	5.0200e-003	0.1028	0.0268	4.8000e-003	0.0317	0.0000	429.2015	429.2015	0.0296	0.0000	429.9408
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.3400e-003	1.8000e-003	0.0199	6.0000e-005	5.7600e-003	4.0000e-005	5.8000e-003	1.5300e-003	4.0000e-005	1.5700e-003	0.0000	5.1853	5.1853	1.5000e-004	0.0000	5.1890
Total	**0.0461**	**1.5978**	**0.3382**	**4.4400e-003**	**0.1036**	**5.0600e-003**	**0.1086**	**0.0284**	**4.8400e-003**	**0.0332**	**0.0000**	**434.3867**	**434.3867**	**0.0297**	**0.0000**	**435.1298**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1932	0.0000	0.1932	0.1048	0.0000	0.1048	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1460	1.5519	0.9804	1.7300e-003		0.0774	0.0774		0.0712	0.0712	0.0000	152.4539	152.4539	0.0493	0.0000	153.6866
Total	**0.1460**	**1.5519**	**0.9804**	**1.7300e-003**	**0.1932**	**0.0774**	**0.2706**	**0.1048**	**0.0712**	**0.1760**	**0.0000**	**152.4539**	**152.4539**	**0.0493**	**0.0000**	**153.6866**

3.3 Grading - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0437	1.5960	0.3183	4.3800e-003	0.0978	5.0200e-003	0.1028	0.0268	4.8000e-003	0.0317	0.0000	429.2015	429.2015	0.0296	0.0000	429.9408
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.3400e-003	1.8000e-003	0.0199	6.0000e-005	5.7600e-003	4.0000e-005	5.8000e-003	1.5300e-003	4.0000e-005	1.5700e-003	0.0000	5.1853	5.1853	1.5000e-004	0.0000	5.1890
Total	**0.0461**	**1.5978**	**0.3382**	**4.4400e-003**	**0.1036**	**5.0600e-003**	**0.1086**	**0.0284**	**4.8400e-003**	**0.0332**	**0.0000**	**434.3867**	**434.3867**	**0.0297**	**0.0000**	**435.1298**

3.4 Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1526	1.3814	1.2131	1.9400e-003		0.0804	0.0804		0.0756	0.0756	0.0000	166.7592	166.7592	0.0407	0.0000	167.7763
Total	**0.1526**	**1.3814**	**1.2131**	**1.9400e-003**		**0.0804**	**0.0804**		**0.0756**	**0.0756**	**0.0000**	**166.7592**	**166.7592**	**0.0407**	**0.0000**	**167.7763**

3.4 Building Construction - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0191	0.6070	0.1504	1.4500e-003	0.0359	2.9800e-003	0.0388	0.0104	2.8500e-003	0.0132	0.0000	139.8974	139.8974	9.1800e-003	0.0000	140.1270
Worker	0.1318	0.1010	1.1180	3.2300e-003	0.3239	2.5000e-003	0.3264	0.0860	2.3100e-003	0.0883	0.0000	291.5590	291.5590	8.3700e-003	0.0000	291.7682
Total	**0.1508**	**0.7080**	**1.2684**	**4.6800e-003**	**0.3597**	**5.4800e-003**	**0.3652**	**0.0964**	**5.1600e-003**	**0.1015**	**0.0000**	**431.4565**	**431.4565**	**0.0176**	**0.0000**	**431.8952**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1526	1.3814	1.2131	1.9400e-003		0.0804	0.0804		0.0756	0.0756	0.0000	166.7590	166.7590	0.0407	0.0000	167.7761
Total	**0.1526**	**1.3814**	**1.2131**	**1.9400e-003**		**0.0804**	**0.0804**		**0.0756**	**0.0756**	**0.0000**	**166.7590**	**166.7590**	**0.0407**	**0.0000**	**167.7761**

3.4 Building Construction - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0191	0.6070	0.1504	1.4500e-003	0.0359	2.9800e-003	0.0388	0.0104	2.8500e-003	0.0132	0.0000	139.8974	139.8974	9.1800e-003	0.0000	140.1270
Worker	0.1318	0.1010	1.1180	3.2300e-003	0.3239	2.5000e-003	0.3264	0.0860	2.3100e-003	0.0883	0.0000	291.5590	291.5590	8.3700e-003	0.0000	291.7682
Total	**0.1508**	**0.7080**	**1.2684**	**4.6800e-003**	**0.3597**	**5.4800e-003**	**0.3652**	**0.0964**	**5.1600e-003**	**0.1015**	**0.0000**	**431.4565**	**431.4565**	**0.0176**	**0.0000**	**431.8952**

3.4 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2481	2.2749	2.1631	3.5100e-003		0.1251	0.1251		0.1176	0.1176	0.0000	302.2867	302.2867	0.0729	0.0000	304.1099
Total	**0.2481**	**2.2749**	**2.1631**	**3.5100e-003**		**0.1251**	**0.1251**		**0.1176**	**0.1176**	**0.0000**	**302.2867**	**302.2867**	**0.0729**	**0.0000**	**304.1099**

3.4 Building Construction - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0293	0.9975	0.2473	2.6000e-003	0.0650	2.0100e-003	0.0670	0.0188	1.9200e-003	0.0207	0.0000	251.7029	251.7029	0.0159	0.0000	252.1008
Worker	0.2230	0.1648	1.8646	5.6600e-003	0.5870	4.4000e-003	0.5914	0.1559	4.0500e-003	0.1600	0.0000	511.3259	511.3259	0.0137	0.0000	511.6687
Total	**0.2524**	**1.1624**	**2.1119**	**8.2600e-003**	**0.6520**	**6.4100e-003**	**0.6584**	**0.1747**	**5.9700e-003**	**0.1806**	**0.0000**	**763.0287**	**763.0287**	**0.0296**	**0.0000**	**763.7695**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2481	2.2749	2.1631	3.5100e-003		0.1251	0.1251		0.1176	0.1176	0.0000	302.2863	302.2863	0.0729	0.0000	304.1095
Total	**0.2481**	**2.2749**	**2.1631**	**3.5100e-003**		**0.1251**	**0.1251**		**0.1176**	**0.1176**	**0.0000**	**302.2863**	**302.2863**	**0.0729**	**0.0000**	**304.1095**

3.4 Building Construction - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0293	0.9975	0.2473	2.6000e-003	0.0650	2.0100e-003	0.0670	0.0188	1.9200e-003	0.0207	0.0000	251.7029	251.7029	0.0159	0.0000	252.1008
Worker	0.2230	0.1648	1.8646	5.6600e-003	0.5870	4.4000e-003	0.5914	0.1559	4.0500e-003	0.1600	0.0000	511.3259	511.3259	0.0137	0.0000	511.6687
Total	**0.2524**	**1.1624**	**2.1119**	**8.2600e-003**	**0.6520**	**6.4100e-003**	**0.6584**	**0.1747**	**5.9700e-003**	**0.1806**	**0.0000**	**763.0287**	**763.0287**	**0.0296**	**0.0000**	**763.7695**

3.4 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1024	0.9369	0.9818	1.6200e-003		0.0485	0.0485		0.0457	0.0457	0.0000	139.0352	139.0352	0.0333	0.0000	139.8679
Total	**0.1024**	**0.9369**	**0.9818**	**1.6200e-003**		**0.0485**	**0.0485**		**0.0457**	**0.0457**	**0.0000**	**139.0352**	**139.0352**	**0.0333**	**0.0000**	**139.8679**

3.4 Building Construction - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0127	0.4349	0.1075	1.1800e-003	0.0299	8.0000e-004	0.0307	8.6200e-003	7.6000e-004	9.3900e-003	0.0000	114.7065	114.7065	7.0400e-003	0.0000	114.8826
Worker	0.0963	0.0685	0.7916	2.5100e-003	0.2699	1.9700e-003	0.2719	0.0717	1.8100e-003	0.0735	0.0000	226.6637	226.6637	5.6900e-003	0.0000	226.8060
Total	**0.1089**	**0.5033**	**0.8990**	**3.6900e-003**	**0.2998**	**2.7700e-003**	**0.3025**	**0.0803**	**2.5700e-003**	**0.0829**	**0.0000**	**341.3702**	**341.3702**	**0.0127**	**0.0000**	**341.6886**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1024	0.9369	0.9818	1.6200e-003		0.0485	0.0485		0.0457	0.0457	0.0000	139.0350	139.0350	0.0333	0.0000	139.8677
Total	**0.1024**	**0.9369**	**0.9818**	**1.6200e-003**		**0.0485**	**0.0485**		**0.0457**	**0.0457**	**0.0000**	**139.0350**	**139.0350**	**0.0333**	**0.0000**	**139.8677**

3.4 Building Construction - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0127	0.4349	0.1075	1.1800e-003	0.0299	8.0000e-004	0.0307	8.6200e-003	7.6000e-004	9.3900e-003	0.0000	114.7065	114.7065	7.0400e-003	0.0000	114.8826
Worker	0.0963	0.0685	0.7916	2.5100e-003	0.2699	1.9700e-003	0.2719	0.0717	1.8100e-003	0.0735	0.0000	226.6637	226.6637	5.6900e-003	0.0000	226.8060
Total	**0.1089**	**0.5033**	**0.8990**	**3.6900e-003**	**0.2998**	**2.7700e-003**	**0.3025**	**0.0803**	**2.5700e-003**	**0.0829**	**0.0000**	**341.3702**	**341.3702**	**0.0127**	**0.0000**	**341.6886**

3.5 Paving - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0110	0.1113	0.1458	2.3000e-004		5.6800e-003	5.6800e-003		5.2200e-003	5.2200e-003	0.0000	20.0276	20.0276	6.4800e-003	0.0000	20.1895
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0110**	**0.1113**	**0.1458**	**2.3000e-004**		**5.6800e-003**	**5.6800e-003**		**5.2200e-003**	**5.2200e-003**	**0.0000**	**20.0276**	**20.0276**	**6.4800e-003**	**0.0000**	**20.1895**

3.5 Paving - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.9000e-004	4.2000e-004	4.8300e-003	2.0000e-005	1.6500e-003	1.0000e-005	1.6600e-003	4.4000e-004	1.0000e-005	4.5000e-004	0.0000	1.3821	1.3821	3.0000e-005	0.0000	1.3830
Total	**5.9000e-004**	**4.2000e-004**	**4.8300e-003**	**2.0000e-005**	**1.6500e-003**	**1.0000e-005**	**1.6600e-003**	**4.4000e-004**	**1.0000e-005**	**4.5000e-004**	**0.0000**	**1.3821**	**1.3821**	**3.0000e-005**	**0.0000**	**1.3830**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0110	0.1113	0.1458	2.3000e-004		5.6800e-003	5.6800e-003		5.2200e-003	5.2200e-003	0.0000	20.0275	20.0275	6.4800e-003	0.0000	20.1895
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0110**	**0.1113**	**0.1458**	**2.3000e-004**		**5.6800e-003**	**5.6800e-003**		**5.2200e-003**	**5.2200e-003**	**0.0000**	**20.0275**	**20.0275**	**6.4800e-003**	**0.0000**	**20.1895**

3.5 Paving - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.9000e-004	4.2000e-004	4.8300e-003	2.0000e-005	1.6500e-003	1.0000e-005	1.6600e-003	4.4000e-004	1.0000e-005	4.5000e-004	0.0000	1.3821	1.3821	3.0000e-005	0.0000	1.3830
Total	**5.9000e-004**	**4.2000e-004**	**4.8300e-003**	**2.0000e-005**	**1.6500e-003**	**1.0000e-005**	**1.6600e-003**	**4.4000e-004**	**1.0000e-005**	**4.5000e-004**	**0.0000**	**1.3821**	**1.3821**	**3.0000e-005**	**0.0000**	**1.3830**

3.6 Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.6734					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0174	0.1197	0.1542	2.5000e-004		6.9500e-003	6.9500e-003		6.9500e-003	6.9500e-003	0.0000	21.7027	21.7027	1.4100e-003	0.0000	21.7380
Total	**1.6907**	**0.1197**	**0.1542**	**2.5000e-004**		**6.9500e-003**	**6.9500e-003**		**6.9500e-003**	**6.9500e-003**	**0.0000**	**21.7027**	**21.7027**	**1.4100e-003**	**0.0000**	**21.7380**

3.6 Architectural Coating - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0136	9.7000e-003	0.1121	3.6000e-004	0.0382	2.8000e-004	0.0385	0.0102	2.6000e-004	0.0104	0.0000	32.1107	32.1107	8.1000e-004	0.0000	32.1309
Total	**0.0136**	**9.7000e-003**	**0.1121**	**3.6000e-004**	**0.0382**	**2.8000e-004**	**0.0385**	**0.0102**	**2.6000e-004**	**0.0104**	**0.0000**	**32.1107**	**32.1107**	**8.1000e-004**	**0.0000**	**32.1309**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.6734					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0174	0.1197	0.1542	2.5000e-004		6.9500e-003	6.9500e-003		6.9500e-003	6.9500e-003	0.0000	21.7026	21.7026	1.4100e-003	0.0000	21.7380
Total	**1.6907**	**0.1197**	**0.1542**	**2.5000e-004**		**6.9500e-003**	**6.9500e-003**		**6.9500e-003**	**6.9500e-003**	**0.0000**	**21.7026**	**21.7026**	**1.4100e-003**	**0.0000**	**21.7380**

3.6 Architectural Coating - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0136	9.7000e-003	0.1121	3.6000e-004	0.0382	2.8000e-004	0.0385	0.0102	2.6000e-004	0.0104	0.0000	32.1107	32.1107	8.1000e-004	0.0000	32.1309
Total	**0.0136**	**9.7000e-003**	**0.1121**	**3.6000e-004**	**0.0382**	**2.8000e-004**	**0.0385**	**0.0102**	**2.6000e-004**	**0.0104**	**0.0000**	**32.1107**	**32.1107**	**8.1000e-004**	**0.0000**	**32.1309**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Increase Density

Increase Transit Accessibility

Integrate Below Market Rate Housing

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.6865	3.6337	7.3429	0.0259	2.0713	0.0210	2.0922	0.5550	0.0196	0.5746	0.0000	2,394.4323	2,394.4323	0.1261	0.0000	2,397.5849
Unmitigated	0.8285	4.6773	10.9295	0.0416	3.4762	0.0330	3.5092	0.9315	0.0308	0.9623	0.0000	3,847.7316	3,847.7316	0.1850	0.0000	3,852.3568

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	2,377.44	2,377.44	2377.44	8,124,074	4,840,600
Enclosed Parking with Elevator	0.00	0.00	0.00		
Strip Mall	538.41	538.41	538.41	1,024,376	610,358
Total	2,915.85	2,915.85	2,915.85	9,148,450	5,450,958

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	45	40	15

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.549559	0.042893	0.201564	0.118533	0.015569	0.005846	0.021394	0.034255	0.002099	0.001828	0.004855	0.000709	0.000896
Enclosed Parking with Elevator	0.549559	0.042893	0.201564	0.118533	0.015569	0.005846	0.021394	0.034255	0.002099	0.001828	0.004855	0.000709	0.000896
Strip Mall	0.549559	0.042893	0.201564	0.118533	0.015569	0.005846	0.021394	0.034255	0.002099	0.001828	0.004855	0.000709	0.000896

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

Install High Efficiency Lighting

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	1,703.3974	1,703.3974	0.0402	8.3200e-003	1,706.8836
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	1,703.3974	1,703.3974	0.0402	8.3200e-003	1,706.8836
NaturalGas Mitigated	0.0279	0.2381	0.1019	1.5200e-003		0.0192	0.0192		0.0192	0.0192	0.0000	275.6068	275.6068	5.2800e-003	5.0500e-003	277.2446
NaturalGas Unmitigated	0.0279	0.2381	0.1019	1.5200e-003		0.0192	0.0192		0.0192	0.0192	0.0000	275.6068	275.6068	5.2800e-003	5.0500e-003	277.2446

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Mid Rise	5.13779e+006	0.0277	0.2367	0.1007	1.5100e-003		0.0191	0.0191		0.0191	0.0191	0.0000	274.1720	274.1720	5.2500e-003	5.0300e-003	275.8012
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Strip Mall	26887.8	1.4000e-004	1.3200e-003	1.1100e-003	1.0000e-005		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	1.4348	1.4348	3.0000e-005	3.0000e-005	1.4434
Total		**0.0278**	**0.2381**	**0.1019**	**1.5200e-003**		**0.0192**	**0.0192**		**0.0192**	**0.0192**	**0.0000**	**275.6068**	**275.6068**	**5.2800e-003**	**5.0600e-003**	**277.2446**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Mid Rise	5.13779e+006	0.0277	0.2367	0.1007	1.5100e-003		0.0191	0.0191		0.0191	0.0191	0.0000	274.1720	274.1720	5.2500e-003	5.0300e-003	275.8012
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Strip Mall	26887.8	1.4000e-004	1.3200e-003	1.1100e-003	1.0000e-005		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	1.4348	1.4348	3.0000e-005	3.0000e-005	1.4434
Total		**0.0278**	**0.2381**	**0.1019**	**1.5200e-003**		**0.0192**	**0.0192**		**0.0192**	**0.0192**	**0.0000**	**275.6068**	**275.6068**	**5.2800e-003**	**5.0600e-003**	**277.2446**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	1.8971e+006	1,056.6111	0.0250	5.1600e-003	1,058.7735
Enclosed Parking with Elevator	939944	523.5127	0.0124	2.5600e-003	524.5841
Strip Mall	221333	123.2737	2.9100e-003	6.0000e-004	123.5260
Total		**1,703.3974**	**0.0402**	**8.3200e-003**	**1,706.8836**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	1.8971e+006	1,056.6111	0.0250	5.1600e-003	1,058.7735
Enclosed Parking with Elevator	939944	523.5127	0.0124	2.5600e-003	524.5841
Strip Mall	221333	123.2737	2.9100e-003	6.0000e-004	123.5260
Total		**1,703.3974**	**0.0402**	**8.3200e-003**	**1,706.8836**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

No Hearths Installed

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	2.2025	0.0558	4.8369	2.6000e-004		0.0267	0.0267		0.0267	0.0267	0.0000	7.8941	7.8941	7.6300e-003	0.0000	8.0849
Unmitigated	2.2025	0.0558	4.8369	2.6000e-004		0.0267	0.0267		0.0267	0.0267	0.0000	7.8941	7.8941	7.6300e-003	0.0000	8.0849

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.1673					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.8888					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.1464	0.0558	4.8369	2.6000e-004		0.0267	0.0267		0.0267	0.0267	0.0000	7.8941	7.8941	7.6300e-003	0.0000	8.0849
Total	**2.2025**	**0.0558**	**4.8369**	**2.6000e-004**		**0.0267**	**0.0267**		**0.0267**	**0.0267**	**0.0000**	**7.8941**	**7.8941**	**7.6300e-003**	**0.0000**	**8.0849**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.1673					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.8888					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.1464	0.0558	4.8369	2.6000e-004		0.0267	0.0267		0.0267	0.0267	0.0000	7.8941	7.8941	7.6300e-003	0.0000	8.0849
Total	**2.2025**	**0.0558**	**4.8369**	**2.6000e-004**		**0.0267**	**0.0267**		**0.0267**	**0.0267**	**0.0000**	**7.8941**	**7.8941**	**7.6300e-003**	**0.0000**	**8.0849**

7.0 Water Detail

7.1 Mitigation Measures Water

Install Low Flow Bathroom Faucet

Install Low Flow Kitchen Faucet

Install Low Flow Toilet

Install Low Flow Shower

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	315.5898	0.8339	0.0210	342.7009
Unmitigated	363.5950	1.0416	0.0261	397.4207

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	30.4921 / 19.2233	349.7589	1.0016	0.0251	382.2858
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
Strip Mall	1.21775 / 0.746364	13.8361	0.0400	1.0000e-003	15.1349
Total		**363.5950**	**1.0416**	**0.0261**	**397.4207**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	24.3937 / 19.2233	303.5972	0.8019	0.0202	329.6675
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
Strip Mall	0.974202 / 0.746364	11.9926	0.0320	8.1000e-004	13.0334
Total		**315.5898**	**0.8339**	**0.0210**	**342.7009**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	23.6018	1.3948	0.0000	58.4724
Unmitigated	47.2035	2.7897	0.0000	116.9447

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	215.28	43.6999	2.5826	0.0000	108.2646
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	17.26	3.5036	0.2071	0.0000	8.6801
Total		**47.2035**	**2.7897**	**0.0000**	**116.9447**

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	107.64	21.8500	1.2913	0.0000	54.1323
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	8.63	1.7518	0.1035	0.0000	4.3400
Total		**23.6018**	**1.3948**	**0.0000**	**58.4724**

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

APPENDIX C
Cultural Resource Assessment Letter

September 25, 2019

DLA Piper LLP (US)
550 S. Hope Street, Suite 2400
Los Angeles, CA 90071

Attn: Mr. Andrew Brady

Subj: Cultural Resources Phase I Assessment for Avenue 34 Project
(Envicom Project #19-082-101)

Dear Mr. Brady,

Envicom Corporation (Envicom) requested a cultural resource record search from the South Central Coastal Information Center (SCCIC) and a Native American cultural resource record search conducted by the California Native American Heritage Commission (NAHC) for the Avenue 34 Project (Project) in Los Angeles County (**Figure 1**). Both record searches examined the Project site plus a 0.25-mile area ("study area") around the Project. The proposed Project site consists of an approximately 5.03-acre infill property located at 141 West Avenue 34 in the Northeast Los Angeles Community Plan area (**Figure 2**). A record search request was also made with the Natural History Museum of Los Angeles (NHM) to determine if known paleontological resources have been recorded in the project site vicinity. All record search request letters are provided in **Appendix A** of this report. All response letters, except for the SCCIC, the contents of which are restricted by law, are provided in **Appendix B** of this report.

The Project proposes to remove existing light industrial and warehouse structures and parking lots from the site, and construct a mixed-use development with 468 multi-family residential units and 16,395 square feet of commercial retail space. The proposed uses would be provided within three structures that would include two four-story buildings and one five-story building, and would include two levels of subterranean parking within the western portion (approximately one-half) of the Project site. Additional construction activities would include connections to existing offsite utilities infrastructure within adjacent streets and landscaping.

A previously proposed mixed-use development of 372 multi-family residential units, and 40,000 square feet of commercial (office and retail) space within five buildings ranging from one to five stories, with a one-level underground parking garage beneath the majority of the site was conditionally approved for the subject property in 2017.

The purpose of the record searches is to identify any known cultural resources previously recorded within or immediately adjacent to the proposed Project area that would represent new information that was not known at the time of the evaluation of the previously approved project, or a change in the overall cultural resource sensitivity of the Project region. A cultural resource is often defined as any building, structure, object, or archaeological site older than 50-years in age, and can include historic or prehistoric locations of human habitation.

Envicom compared the findings of the updated records searches with the findings of the original planning documents to determine if any conditions had changed that would result in a new significant impact to cultural, paleontological, or Native American resources.

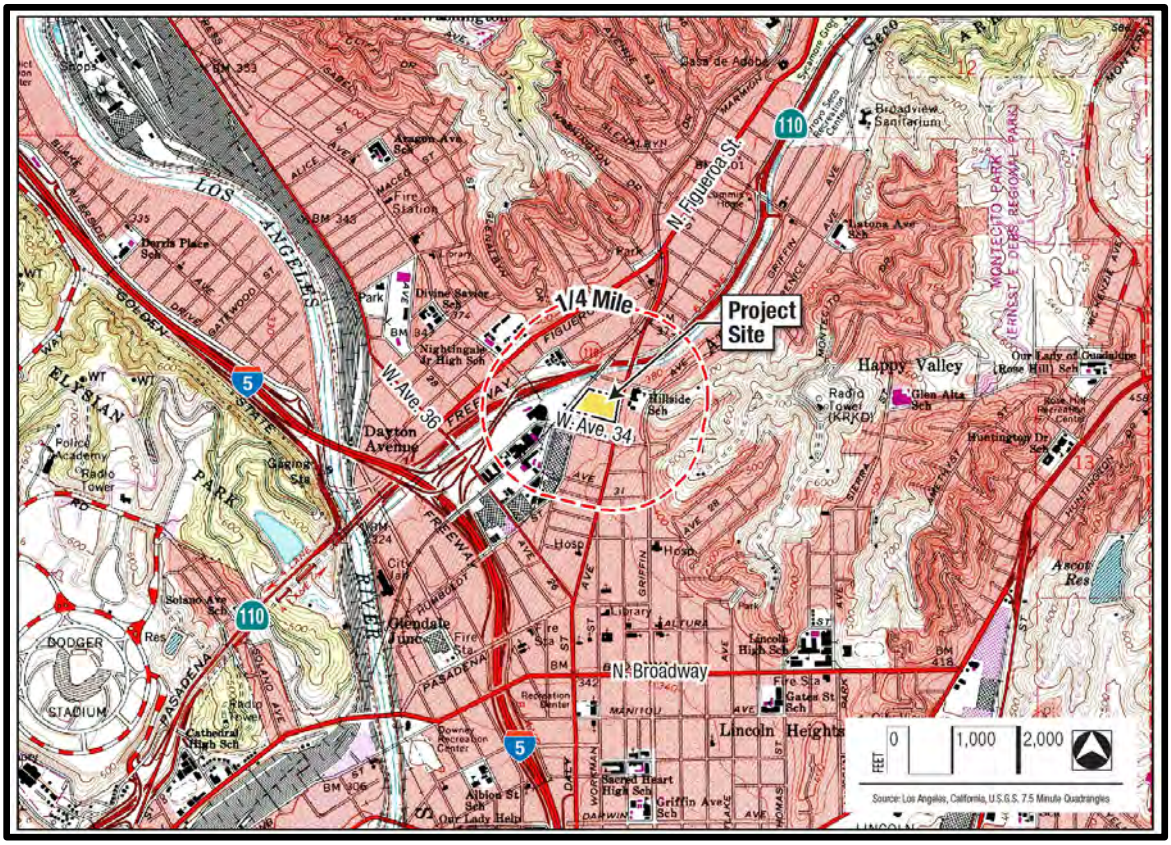


Figure 1: Project location in Los Angeles County, California, with the 0.25-mile study area shown (Los Angeles Quadrangle Topographic Map).

Figure 2: The Project property, showing the current conditions (2019 Google Earth Image).

RECORD SEARCH RESULTS

SCCIC and NAHC Record Searches

On August 8, 2019, Envicom contacted the SCCIC with a request to search their database for cultural resources located within the study area (defined earlier as the Project property, plus a 0.25-mile area) for regional cultural resource context (see Figure 1). The record search included a request for all complete site records for cultural resources as well as copies of any cultural resource technical reports that intersected with the study area. Envicom also contacted the NAHC on August 8, 2019, with a similar record search request.

Envicom received the cultural resource records search results from the SCCIC on August 20, 2019. The SCCIC record search found no previously identified cultural resources located within the Project property, nor adjacent to the project property. The results from the 2019 NAHC record search were received on September 3, 2019, with negative findings.

Envicom also examined fourteen historic USGS maps, dating between 1894 and 1981, as well as historic aerial photographs from the UCSB Library historic aerial photography database to observe previous patterns of development that occurred on the site and in the region. Finally, historic

Google Earth satellite images were reviewed, as was the SurveyLA database. No findings were identified that conflicted with the recommendations of the original cultural resource report.

Field Survey Results

Envicom staff visited the Project property on August 14, 2019. The Project property is fully developed with light industrial buildings, a warehouse facility, and parking lots. One of the onsite buildings incorporates a late 1920s brick building façade. However, as reported by the City's Office of Historic Resources Historic Places LA and Survey LA data, the individual property was assessed for significance in accordance with SurveyLA but does not meet eligibility standards for designation as a historic resource. No intact built environment or archaeological resources were identified during the site visit. The findings were, therefore, negative for cultural resources within the Project property.

Paleontological Record Search Results

The NHM record search findings were received on August 22nd. No known paleontological resources were noted by NHM to have been recorded on or adjacent to the subject property or nearby vicinity, and the nearest known vertebrate fossils to the project site were found approximately 1.5 miles distant from the site. As no data was presented by NHM to indicate any known paleontological resources were located within the subject property, the baseline conditions regarding the absence of known paleontological resources within the site or surroundings remains unchanged from the previously approved project.

The NHM notes that the entire site consists of younger Quaternary Alluvium surface deposits, derived from the Arroyo Seco drainage, which typically do not contain significant vertebrate fossils. However, as the NHM states that the younger alluvium soils on the project site are underlain by older alluvium material (at an unspecified depth), the NHM recommended monitoring of deeper excavations that extend into older sedimentary deposits below the upper levels.

The NHM did not indicate a monitor would be required to reduce a potentially significant impact; however, the project will incorporate the recommendation for a monitor as a condition of approval. The prior regulatory compliance measure remains sufficient to reduce any potentially significant impacts to a less than significant level.

Sincerely,

Wayne Bischoff
Envicom Director of Cultural Resources

ATTACHMENTS:
Appendix A: SCCIC, NAHC, and NHM Request Letters
Appendix B: NAHC and NHM Response Letters
Appendix C: Author's Resume

APPENDIX A
SCCIC, NAHC, and NHM Request Letters

August 8, 2019

South Central Coastal Information Center
C.S.U.F, Dept. of Anthropology, MH 426
800 N. State College Blvd.
Fullerton, CA 92834-6846

Attn: Stacy St. James, Coordinator

Subj: Cultural Resources Phase I Assessment for Avenue 34 Project
(Envicom Project #19-082-101)

Dear Ms. St. James:

Envicom Corporation (Envicom) is requesting an **EXPEDITED** record search of the South Central Coastal Information Center (SCCIC) database of cultural resources within the attached Project site, plus a **0.5-mile study area**. The Project site is located at:

United States Geological Survey 7.5' Quadrangles: Los Angeles, CA Township: 1 South Range: 19 West Section: 9 Latitude: 34° 5'5.14"North Longitude: 118°12'52.33"West

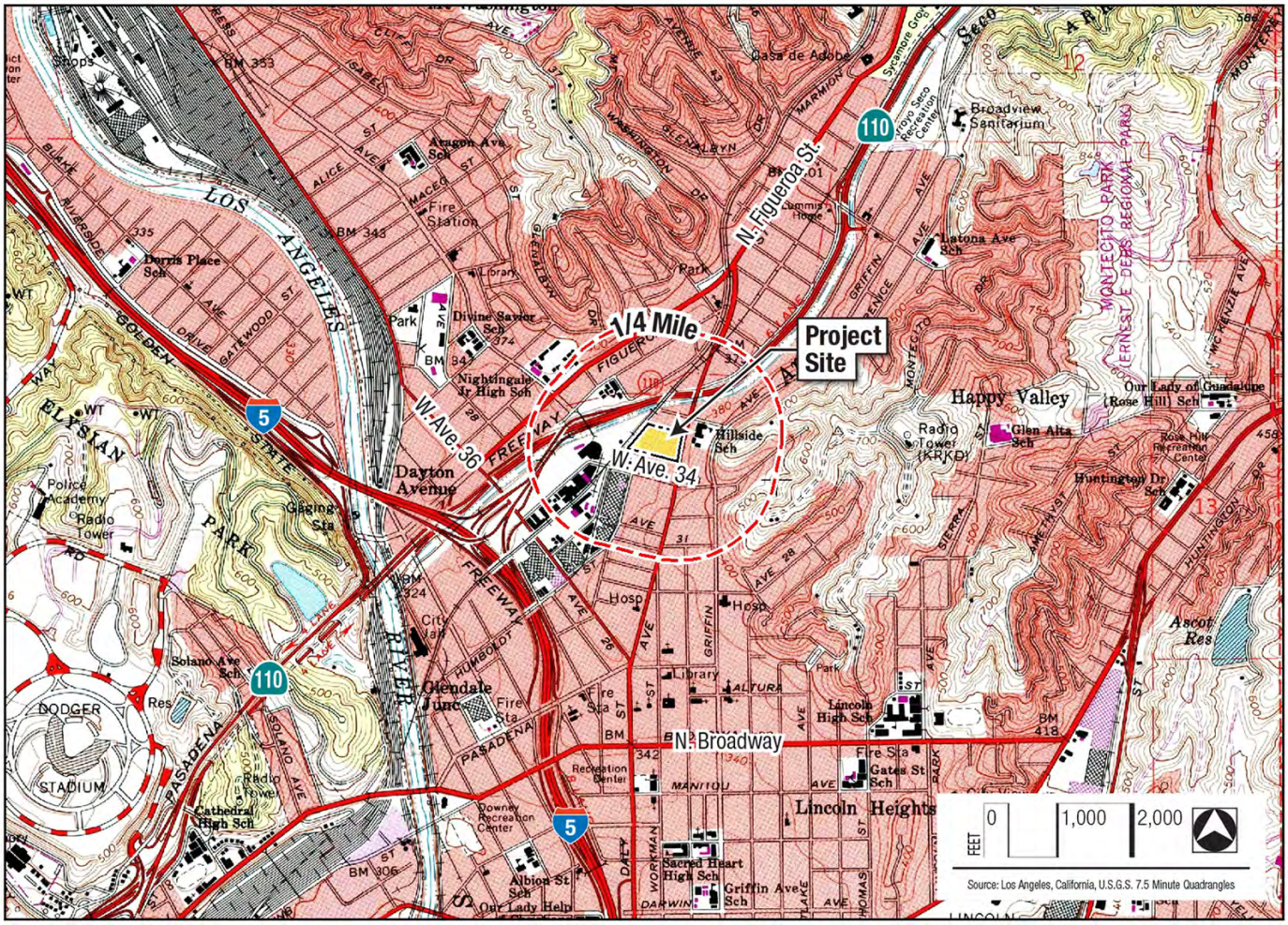
We are requesting the following: Resource Database Printout (list), Resource Database Printout (details), Resource Digital Database (spreadsheet), Report Database Printout (list), Report Database Printout (details), Report Digital Database (Spreadsheet), Resource Record Copies, Report Copies Office of Historic Preservation Historic Properties Directory, Archaeological Determinations of Eligibility, Los Angeles Cultural Monuments, and Historic Maps.

We also request the complete reports and/or site records for any cultural resources found within the Project site only, not the 0.25-mile study area. Envicom appreciates the SCCIC's help with this request. For correspondence or questions regarding this Project, please contact Wayne Bischoff at 818-879-4700 or (wbischoff@envicomcorporation.com).

Sincerely,

Dr. Wayne Bischoff
Director of Cultural Resources

Attachment:
Project vicinity map on 1:24,000 topographic map



envicom
CORPORATION

August 8, 2019

Native American Heritage Commission
1550 Harbor Boulevard, Room 100
West Sacramento, CA 95691

Subj: Cultural Resources Phase I Assessment for Avenue 34 Project
(Envicom Project #19-082-101)

To Whom it May Concern,

Envicom Corporation (Envicom) is requesting a record review of the Native American Heritage Commission (NAHC) records of cultural resources for the Project site, plus a **0.25-mile study area**. We also request a list of Tribal Group representatives for the area in the event we need to contact their offices. The Project site is located at:

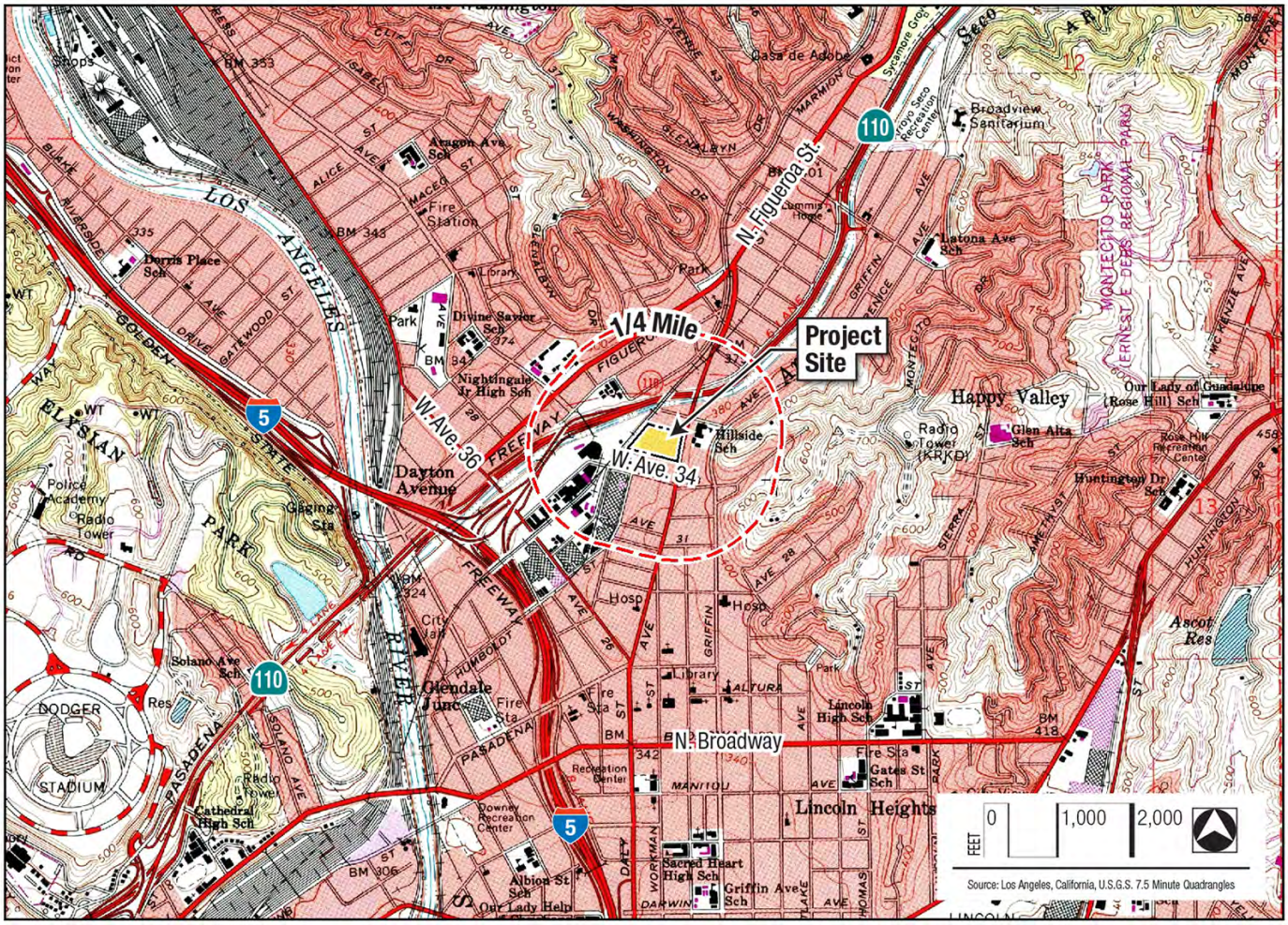
United States Geological Survey 7.5' Quadrangles: Los Angeles, CA Township: 1 South Range: 19 West Section: 9 Latitude: 34° 5'5.14"North Longitude: 118°12'52.33"West

Envicom appreciates the NAHC's help with this request. For correspondence or questions regarding this Project, please contact Wayne Bischoff at 818-879-4700 or (wbischoff@envicomcorporation.com).

Sincerely,

Dr. Wayne Bischoff
Director of Cultural Resources

Attachment:
Project vicinity map on 1:24,000 topographic map



envicom
CORPORATION

August 8, 2019

Natural History Museum of Los Angeles
900 Exposition Blvd.
Los Angeles, CA 90007

Attn: Dr. Samuel McLeod

Subj: Cultural Resources Phase I Assessment for Avenue 34 Project
(Envicom Project #19-082-101)

Dear Dr. McLeod:

Envicom Corporation (Envicom) is requesting a record search of the Natural History Museum of Los Angeles County (NHM) database for paleontological resources/sensitivity for the Project site and surrounding area (within 0.25 mile of the Project site), as well as a map/listing of all paleontological resources previously identified within the attached Project site, plus the 0.25-mile study area. The Project site is located at:

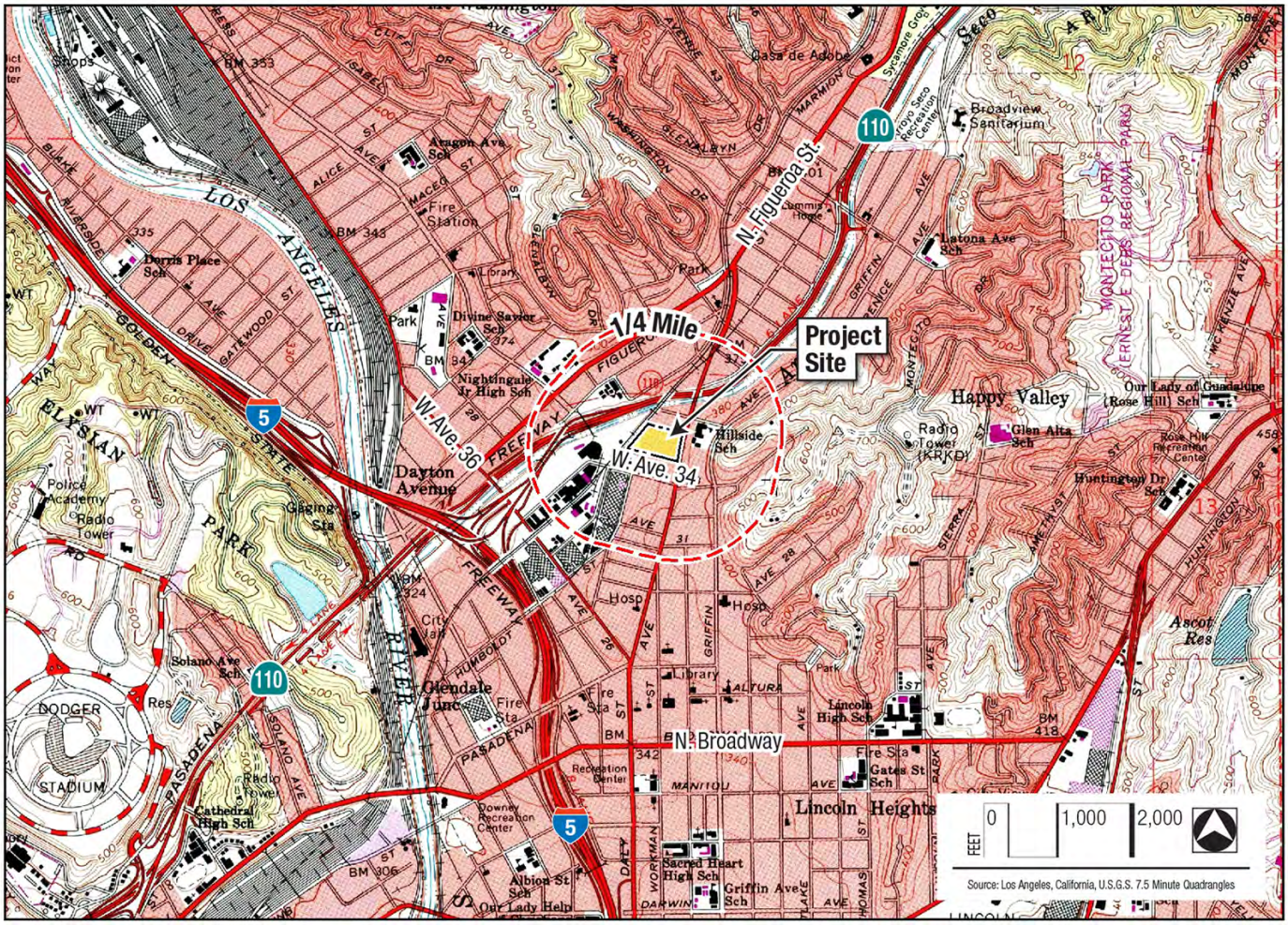
United States Geological Survey 7.5' Quadrangles: Los Angeles, CA Township: 1 South Range: 19 West Section: 9 Latitude: 34° 5'5.14"North Longitude: 118°12'52.33"West

Envicom appreciates the NHM's help with this request. For correspondence or questions regarding this Project, please contact Wayne Bischoff, at 818-879-4700 or (wbischoff@envicomcorporation.com).

Sincerely,

Dr. Wayne Bischoff
Director of Cultural Resources

Attachment:
Project vicinity map on 1:24,000 topographic map



envicom
CORPORATION

APPENDIX B
NAHC and NHM Response Letters

NATIVE AMERICAN HERITAGE COMMISSION
Cultural and Environmental Department
1550 Harbor Blvd., Suite 100
West Sacramento, CA 95691
Phone: (916) 373-3710
Email: nahc@nahc.ca.gov
Website: http://www.nahc.ca.gov
Twitter: @CA_NAHC

September 3, 2019

Wayne Bischoff
Envicom

VIA Email to: wbischoff@envicomcorporation.com

RE: Avenue 34 Project, Los Angeles County

Dear Mr. Bischoff:

A record search of the Native American Heritage Commission (NAHC) Sacred Lands File (SLF) was completed for the information you have submitted for the above referenced project. The results were negative. However, the absence of specific site information in the SLF does not indicate the absence of cultural resources in any project area. Other sources of cultural resources should also be contacted for information regarding known and recorded sites.

Attached is a list of Native American tribes who may also have knowledge of cultural resources in the project area. This list should provide a starting place in locating areas of potential adverse impact within the proposed project area. I suggest you contact all of those indicated; if they cannot supply information, they might recommend others with specific knowledge. By contacting all those listed, your organization will be better able to respond to claims of failure to consult with the appropriate tribe. If a response has not been received within two weeks of notification, the Commission requests that you follow-up with a telephone call or email to ensure that the project information has been received.

If you receive notification of change of addresses and phone numbers from tribes, please notify the NAHC. With your assistance, we can assure that our lists contain current information. If you have any questions or need additional information, please contact me at my email address: steven.quinn@nahc.ca.gov.

Sincerely,

Steven Quinn
Associate Governmental Program Analyst

Attachment

Native American Heritage Commission
Native American Contact List
Los Angeles County
9/3/2019

Gabrieleno Band of Mission Indians - Kizh Nation
Andrew Salas, Chairperson
P.O. Box 393 Gabrieleno
Covina, CA, 91723
Phone: (626) 926 - 4131
admin@gabrielenoindians.org

Gabrieleno/Tongva San Gabriel Band of Mission Indians
Anthony Morales, Chairperson
P.O. Box 693 Gabrieleno
San Gabriel, CA, 91778
Phone: (626) 483 - 3564
Fax: (626) 286-1262
GTTribalcouncil@aol.com

Gabrielino /Tongva Nation
Sandonne Goad, Chairperson
106 1/2 Judge John Aiso St., #231 Gabrielino
Los Angeles, CA, 90012
Phone: (951) 807 - 0479
sgoad@gabrielino-tongva.com

Gabrielino Tongva Indians of California Tribal Council
Robert Dorame, Chairperson
P.O. Box 490 Gabrielino
Bellflower, CA, 90707
Phone: (562) 761 - 6417
Fax: (562) 761-6417
gtongva@gmail.com

Gabrielino-Tongva Tribe
Charles Alvarez,
23454 Vanowen Street Gabrielino
West Hills, CA, 91307
Phone: (310) 403 - 6048
roadkingcharles@aol.com

This list is current only as of the date of this document. Distribution of this list does not relieve any person of statutory responsibility as defined in Section 7050.5 of the Health and Safety Code, Section 5097.94 of the Public Resource Section 5097.98 of the Public Resources Code.

This list is only applicable for contacting local Native Americans with regard to cultural resources assessment for the proposed Avenue 34 Project, Los Angeles County.

Natural History Museum
of Los Angeles County
900 Exposition Boulevard
Los Angeles, CA 90007

tel 213.763.DINO
www.nhm.org

NATURAL HISTORY MUSEUM
LOS ANGELES COUNTY

Vertebrate Paleontology Section
Telephone: (213) 763-3325

e-mail: smcleod@nhm.org

22 August 2019

Envicom Corporation
4165 East Thousand Oaks Boulevard, Suite 290
Westlake Village, CA 91362

Attn: Wayne Bischoff, Ph.D., Director of Cultural Resources

re: Paleontological resources for the proposed Avenue 34 Project, Envicom Project # 19-082-101, in the City of Los Angeles, Los Angeles County, project area

Dear Wayne:

I have conducted a thorough check of our paleontology collection records for the locality and specimen data for the proposed Avenue 34 Project, Envicom Project # 19-082-101, in the City of Los Angeles, Los Angeles County, project area as outlined on the portion of the Los Angeles USGS topographic quadrangle map that Samantha Whittington sent to me via e-mail on 8 August 2019. We do not have any vertebrate fossil localities that lie directly within the proposed project area boundaries, but we do have vertebrate fossil localities nearby from sedimentary deposits similar to those that occur at depth in the proposed project area.

Surface deposits in the entire proposed project area consist of younger Quaternary Alluvium, derived primarily as alluvial deposits from the Arroyo Seco drainage immediately to the north. These deposits typically do not contain significant vertebrate fossils in the very uppermost layers, but they are underlain by older Quaternary deposits that do contain significant vertebrate fossils. Our closest vertebrate fossil locality from older Quaternary deposits beneath the younger Quaternary Alluvium is LACM 1023, due south of the eastern border of the proposed project area east of the Golden State Freeway (I-5) near the intersection of Workman Street and Alhambra Avenue, where excavations for a storm drain recovered fossil specimens of turkey, *Meleagris californicus,* sabre-toothed cat, *Smilodon fatalis*, horse, *Equus*, and deer, *Odocoileus*, at unstated depth. A specimen of the turkey, *Meleagris*, from this locality was

published in the scientific literatus by D. W. Steadman (1980. A Review of the Osteology and Paleontology of Turkeys (Aves: Meleagridinae). Contributions in Science, Natural History Museum of Los Angeles County, 330:131-207). A little further south, also east of the Golden State Freeway (I-5) near the intersection of Mission Road and Daly Street, we have another locality, LACM 2032, also from older Quaternary deposits beneath the younger Quaternary Alluvium, that produced fossil specimens of pond turtle, *Clemmys mamorata*, ground sloth, *Paramylodon harlani*, mastodon, *Mammut americanum*, mammoth, *Mammuthus imperator*, horse, *Equus*, and camel, *Camelops*, at a depth of 20-35 feet below the surface. The pond turtle specimens from locality LACM 2032 were figured in the scientific literature by B.H. Brattstrom and A. Sturn (1959. A new species of fossil turtle from the Pliocene of Oregon, with notes on other fossil *Clemmys* from western North America. Bulletin of the Southern California Academy of Sciences, 58(2):65-71).

Surface grading or very shallow excavations in the uppermost few feet of the younger Quaternary Alluvium in the proposed project site area are unlikely to uncover significant fossil vertebrate remains. Deeper excavations in the proposed project area that extend down into older sedimentary deposits, however, may well encounter significant vertebrate fossils. Any substantial excavations in the proposed project area below the uppermost layers, therefore, should be closely monitored to quickly and professionally collect any specimens without impeding development. Also, sediment samples should be collected and processed to determine the small fossil potential in the proposed project area. Any fossils recovered during mitigation should be deposited in an accredited and permanent scientific institution for the benefit of current and future generations.

This records search covers only the vertebrate paleontology records of the Natural History Museum of Los Angeles County. It is not intended to be a thorough paleontological survey of the proposed project area covering other institutional records, a literature survey, or any potential on-site survey.

Sincerely,

Samuel A. McLeod

Samuel A. McLeod, Ph.D.
Vertebrate Paleontology

enclosure: invoice

APPENDIX C
Resume of Dr. Wayne Bischoff (author)

Wayne Bischoff, Ph.D.

Envicom Director of Cultural Resources

Dr. Bischoff has over 20 years' experience managing cultural resource projects and ensuring compliance with California Environmental Quality Act (CEQA), Section 106 of the National Historic Preservation Act (NHPA), the National Environmental Protection Act (NEPA), and state, county, city, and local government cultural laws, guidelines, and procedures. He has managed cultural, paleontological, ethnographic, and built environment projects throughout Southern California, including the Counties of Ventura, Los Angeles, Kern, Imperial, San Diego, Orange, Santa Barbara, Riverside, and San Bernardino. Dr. Bischoff has authored cultural resource section of Environmental Impact Reports (EIR), Mitigated Negative Declarations (MND), Environmental Impact Statements (EIS), Environmental Assessments (EA), Programmatic Agreements (PA), Memorandum of Agreements (MOA), and Memorandum of Understanding (MOU).

Dr. Bischoff has been the principal or project manager for hundreds of cultural resource projects in Southern California, including record searches, surveys, evaluations, and data recoveries, built environment and historic architectural inventories, HABS projects, paleontological surveys, ethnographic reports and Native American consultation, and historic structure evaluations. He has also has worked with most of the Tribal Groups of Southern California, including the Chumash, Tongva, Washo, Yokut, Piute, Quechan, Cahuilla, Tataviam, San Manuel, Morongo, Luiseno. He has also provided Native American consultation for the City of Los Angeles and for many other municipalities throughout the region.

Recent Professional Projects

- **Simi BMX Course Phase I Survey, Simi Valley, CA.** Principal and Project Manager for the completion of a record search, NAHC record search request, and a site survey. (July 2018 – Current)
- **Phase I Survey for the Massilia Spa Project, Los Angeles County, CA.** Principal and Project Manager for the completion of a record search, NAHC record search request, and a site survey. Project also includes an inventory and initial assessment of over a dozen 1930 through 1990 structures on the property (June 2018 – Current)
- **Los Angeles Community College District (LAUSD) Environmental On-Call (including cultural resources), Los Angeles County, CA.** Principal, Project Manager, and cultural resource consultant as needed. (February 2018 – Current)
- **Los Angeles Unified Schools Department (LAUSD) Environmental On-Call (including cultural resources), City of Los Angeles, Los Angeles County, CA.** Principal, Project Manager, and cultural resource consultant as needed. Envicom was one of 15 companies to be awarded this large on-call contract. (February 2017 – Current)
- **Phase I Survey of the Butler Ranch, in Ventura County near west Simi Valley, California.** Principal and Project Manager for the completion of a Phase I record search, NAHC record search request, and a site survey of this 332-acre low density residential development project. (May 2018 – Current)

- **Phase I Survey for the 17-acre Olivas Park Extension commercail development project in Ventura, Ventura County, CA.** Principal and Project Manager for the completion of a record search, NAHC record search request, and a site survey, followed by limited monitoring. (January 2018 – Current)
- **Review of Technical Documents and EIR Cultural Section Writing for "The Agroua Villege Expansion" project, Agoura Hills, Los Angeles County, CA.** Professional review of project cultural resource documents and authoring of cultural resource section of MND for this large mixed use project. The primary challenge is that the development is located on a significant prehistoric Native American cultural resource. Native American consultation took place in July with the Chumash and Tataviam Tribal Groups (January 2018 – Current)
- **CA-LAN-321 Phased Evaluation Project, Agoura Hills, Los Angeles County, CA.** Principal and Project Manager for the phased evaluation (Phase II) of CA-LAN-321 in response to potential impacts from the construction of the Conrad N. Hilton Foundation Phase 2 Campus Building. The site is a prehistoric Chumash residential and ceremonial center of over 80-acres in size and that was used by prehistoric Native Americans from 400 A.D. to the late 1700s. Dozens of test units, hundreds of shovel test pits, surface collection, and surface feature mapping have been completed to date planned. Native American consultation took place in July with the Chumash and Tataviam Tribal Groups (August 2015 – Current)
- **City of Thousand Oaks Environmental On-Call (Including Cultural Resources), Los Angeles County, CA.** Envicom was selected as one of a limited number of on-call environmental firms for the City. (June 2015 – Current)
- **Phase I(b) Survey of the proposed Forrest Club 50-acre private club development, Los Angeles County, CA (with Samantha Whittington and Charlie Fazzone).** Principal and Project Manager for the completion of a record search, NAHC record search request, and a site survey. In addition, 24 shovel test pits were excavated across the locations of two 1920s historic cabins. No further work was required. (April 2018 – June 2018)
- **Phase I Survey for the Ascension Lutheran Church Master Plan and MND, Thousand Oaks, California, Los Angeles County, CA.** Principal and Project Manager for the completion of a record search, NAHC record search request, and a site survey. (May 2018 – June 2018)
- **Phase I Survey for the Mulholland Senior Living Project, Los Angeles County, CA.** Principal and Project Manager for the completion of a record search, NAHC record search request, and a site survey. (May 2018 – May 2018)
- **Phase I Survey of the proposed Tapo at Alamo EIR for a mixed-use development project, Simi Valley, Ventura County, CA (with Samantha Whittington and Debbie Balam).** Principal and Project Manager for the completion of a record search, NAHC record search request, and a site survey. (March 2018 – May 2018)
- **Cultural, Paleo, and Native American Monitoring for the Agoura Hills Marriott Development Project.** Principal and Project Manager for this monitoring project. During monitoring, a prehistoric Chumash cultural resource was discovered, which led to artifact collection, analysis, and a final report of findings (January 2018 – May 2018)

- **Phase I Survey of the proposed 113-133 West Plymouth Street multiple unit residential development, Inglewood, Los Angeles County, CA (with Samantha Whittington, Debbie Balam, and Charlie Fazzone).** Principal and Project Manager for the completion of a record search, paleontological record search, NAHC record search request, and a site survey. (April 2018 – April 2018)
- **Phase I Survey of the Upper Bailey Road tract, Sylmar, Los Angeles County, CA (with Samantha Whittington and Debbie Balam).** Principal and Project Manager for the completion of a record search, NAHC record search request, and a site survey. (December 2017 – April 2018)
- **Phase I Survey of the Lower Bailey Road tract, Sylmar, Los Angeles County, CA (with Samantha Whittington and Debbie Balam).** Principal and Project Manager for the completion of a record search, NAHC record search request, and a site survey. (December 2017 – April 2018)
- **Historic Structure Evaluation of Blythe Elementary School for LAUSD.** Project Manager for this project, with Chattel, Inc., being the historic preservation consultant. (February 2018 – April 2018)
- **Historic Structure Evaluation of Robert Hill Lane Elementary School for LAUSD.** Project Manager for this project, with Chattel, Inc., being the historic preservation consultant. (February 2018 – April 2018)
- **Historic Structure Evaluation of James Madison Middle School for LAUSD.** Project Manager for this project, with Chattel, Inc., being the historic preservation consultant. School was found eligible for the CRHR. (February 2018 – April 2018)
- **Historic Structure Evaluation of 54th Street Elementary School for LAUSD.** Project Manager for this project, with Chattel, Inc., being the historic preservation consultant. School was found eligible for the CRHR. (February 2018 – April 2018)
- **Historic Structure Evaluation of Chapman Elementary School for LAUSD.** Project Manager for this project, with Chattel, Inc., being the historic preservation consultant. (February 2018 – April 2018)
- **Historic Structure Evaluation of Dena Street Elementary School for LAUSD.** Project Manager for this project, with Chattel, Inc., being the historic preservation consultant. (February 2018 – April 2018)
- **Historic Structure Evaluation of Patrick Henry Middle School for LAUSD.** Project Manager for this project, with Chattel, Inc., being the historic preservation consultant. School was found eligible for the CRHR. (February 2018 – April 2018)
- **Historic Structure Evaluation of Richland Avenue Elementary School for LAUSD.** Project Manager for this project, with Chattel, Inc., being the historic preservation consultant. (February 2018 – April 2018)
- **Marinette Road Residential Development, Pacific Palisades, Los Angeles County, CA.** Principal and project manager for this development project, which included a record search, site survey, Tribal Group scoping letters, and agency consultation. The major challenge was that the project property was within the Will Rogers State Monument and National Register site boundary. An update for this project was conducted in 2018 to include AB-52 compliance. (February 2015 – May 2015; January 2018 – April 2018)

- **Phase I Survey for 6956 Dume Drive, Malibu, California, Los Angeles County, CA (with Samantha Whittington).** Principal and Project Manager for the completion of an SCCIC and NAHC record search, and a site survey. (February 2018 – March 2018)
- **Phase I Survey of roughly 50-acres for Improvements on the Saddlerock Ranch/Malibu Wines Property in the Santa Monica Mountains, Los Angeles County, CA.** Principal and Project Manager for the completion of a record search, NAHC scoping, and a site survey. This project involves upgrades to the winery existing structures and public buildings, as well as road and parking improvements. Part of this project is located near a National Register Chumash rock art site as well as other prehistoric resources (November 2016 – March 2018)
- **Phase I Survey for 28730 Grayfox, Malibu, California, Los Angeles County, CA (with Samantha Whittington).** Principal and Project Manager for the completion of an SCCIC and NAHC record search, and a site survey. (January 2018 – February 2018)
- **Phase I Survey for 11681 Foothill Boulevard, a multiple-unit residential project in Sylmar, California, Los Angeles County, CA.** Principal and Project Manager for the completion of a record search, NAHC record search request, and a site survey. (November 2017 – February 2018)
- **Phase I Survey for a single family property development along Yerba Buena Road, Ventura County, CA.** Principal and Project Manager for the completion of an SCCIC and NAHC record search, and a site survey. (December 2017 – January 2018)
- **Phase I Survey for 34134 Mulholland Highway, Los Angeles County, CA.** Principal and Project Manager for the completion of a record search, NAHC record search request, and a site survey. (December 2017 – January 2018)
- **Faunal, Osteological, Archaeological, and Fossil Consultation for Citadel Environmental and Turner-Hunt for the Hollywood Park Development Project (new Rams NFL Stadium).** Osteological and paleontological consultant for Kiewit, Turner, and Citadel for the construction of the new Rams NFL stadium in Ingelwood. Project included discovery and recordation of modern and fossil mammal bones. (December 2016 – January 2018)
- **Phase I Survey for 24600 Thousand Peaks Road, Calabassas, California, Los Angeles County, CA.** Principal and Project Manager for the completion of a record search, NAHC record search request, and a site survey. (November 2017 – January 2018)
- **Phase I Survey for 28929 Grayfox, Malibu, California, Los Angeles County, CA.** Principal and Project Manager for the completion of an SCCIC and NAHC record search, and a site survey. (November 2017 – January 2018)
- **Manzanita School Phase Ia Survey for a 20.27-acre private school development in Topanga Canyon, California, Los Angeles County, CA.** Principal and Project Manager for the completion of an SCCIC and NAHC record search, and a site survey. (May 2017 – January 2018)
- **Phase I Survey for the 181 to 187 Monterrey Road Condominium Project, a small residential development near South Pasedena, California, Los Angeles County, CA.** P Principal and Project Manager for the completion of an SCCIC and NAHC record search, and a site survey. (July 2017 – January 2018)

- **Phase I Survey for for the Agoura Village project, a 7.37-acre Commercial Subdivision in the City of Agoura Hills, Los Angeles County, CA.** Principal and Project Manager for the completion of a record search, NAHC scoping, and a Phase Ia site survey. The Phase Ia survey was followed by a Phase Ib subsurface survey and an updated site form for a previously known prehistoric cultural resource that includes the entire project area. (October 2016 – December 2017)
- **Phase I survey for 22866 Beckledge Terrace, Malibu, California.** Principal and Project Manager for the completion of a record search, NAHC record search request, and a site survey. (September 2017 – November 2017)
- **Lynn Road Residentitial Development Project, Construction Monitoring, Newbury Park, CA.** Principal and Project Manager for the surface collection and construction monitoring for this 10-acre residential construction project. (October 2017 – November 2017)
- **Phase II Evaluation of two cultural resources located on the Oakmont project property, City of Agoura Hills, Los Angeles County, CA.** Principal and Project Manager for the evaluation of a prehistoric cultural resource and a 1920s-1980s historic homestead cultural resource. Evaluation tasks included shovel test pits, and a test unit for the prehistoric cultural resource, and detailed mapping and documents research for the historic cultural resource. A combined report for both Oakmont projects was produced for the City. (August 2017 – October 2017)
- **City of Pomona Environmental On-Call (Including Cultural Resources), Los Angeles County, CA.** Envicom successful won inclusion as one of six on-call environmental firms for the City. (October 2014 – October 2017)
- **Phase I Survey for for the Oakmont commercial project, a 5.75-acre development in the City of Agoura Hills, Los Angeles County, CA.** Principal and Project Manager for the completion of NAHC record search, and a Phase Ia site survey. The Phase Ia survey identified two cultural resources; a 1920s historic homestead foundation, and a large prehistoric archaeological site. (August 2017 – October 2017)
- **Phase I Assessment of the West Hills Crest 37-acre Residential Subdivision in West Hills, City of Los Angeles.** Principal and Project Manager for the completion of a record search and project area site survey. A key issue for this project was the record search being positive for a prehistoric cultural resource within the development area. This resource, CA-LAN-1223, was further investigated with 22 shovel test pits, and evaluated as not being a significant cultural resource. (February 2017 – October 2017)
- **Phase I Survey for 15498 LaPeyre Court, a residential development in Moorpark, Ventura County, CA.** Principal and Project Manager for the completion of a record search, NAHC record search request, and a site survey. Project also included coordination with numerous biology tasks. (August 2017 – September 2017)
- **San Bernardino County Cultural, Historic Architecture, and Paleontology On-Call, San Bernardino, CA.** Envicom successful won inclusion in the limited on-call pool. (October 2014 – Current)
- **Pepperdine University Campus Life Project: Updated Cultural Resources Record Search.** Principal and Project Manager for an updated record search and letter report for the Pepperdine Campus Life housing, facilities, and trail development project. This update was part of an ammended campus-wide EIR (December 2017 – June 2017)

- **Fourth and Hewitt, City of Los Angeles, Los Angeles County, CA.** Principal and Project Manager for a cultural resource record search for the development of a new office building within a commercial urban environment. Project also included a paleontological assessment of the property due to an extensively deep planned parking garage and Native American concerns. Also completed with an Ethnographic Report to meet AB-52 criteria. Another key issue was determining whether a historic built environement assessment was needed. (February 2017 – January 2017)
- **Pepperdine University Campus Life Project: Phase I survey of new Baseball Field development.** Principal and Project Manager for the addition of the campus baseball field as part of the larger Pepperdine Campus Life housing, facilities, and trail development project. (February 2017 – June 2017)
- **Phase I Survey for the Copper Canyon Project, a 5-acre residential development near Santa Clarita, California, Los Angeles County, CA.** Principal and Project Manager for the completion of a record search, NAHC record search request, and a site survey. Also part of the project was the resurvey of two previously recorded cultural resources within the project boundary. (May 2017 – July 2017)
- **Phase Ia Survey for the Oneonta Hillside Drive, a residential development in South Pasadena, Los Angeles County, CA.** Principal and Project Manager for the completion of an SCCIC and NAHC record search, and a site survey. (May 2017 – July 2017)
- **North Canyon Ranch 170-acre Residential Subdivision in Simi Valley, Ventura County, CA.** Principal and Project Manager for the completion of a record search and project area site survey. A key issue for this project was a previously disturbed cultural resource within the project area, the destruction of which needed to be addressed in the final report. (May 2017 – August 2017)
- **Construction Monitoring for Parcel 2058-003-010, Lobo Canyon, Los Angeles County.** Principal and Project Manager for the surface collection and construction monitoring for this single family residential construction project. (July 2015 – August 2016)**.**
- **Phase I Survey for the 12300 Valley Boulevard Hotel, a commercial development in El Monte, Los Angeles, CA.** Principal and Project Manager for the completion of a record search, NAHC record search request, and a site survey for this small residential development. (June 2017 – August 2017)
- **Phase Ia Survey for the Holiday Inn Express Hotel, a commercial development in El Monte, Los Angeles, CA.** Principal and Project Manager for the completion of a record search, NAHC record search request, and a site survey for this small residential development. (July 2017 – August 2017)
- **Arcadia Town Homes MND Phase I Cultural Assessment for a multi-unit residential development in Arcadia, Los Angeles, CA.** Principal and Project Manager for the completion of a record search, NAHC record search request, and a site survey for this multi-unit residential development. (May 2017 – August 2017)
- **Phase I Survey for the 6625 Bradley Road, a residential development in Somis, Ventura County, CA.** Principal and Project Manager for the completion of a record search, NAHC record search request, and a site survey for this small residential development. (June 2017 – July 2017)

- **Phase I Survey for 3800 Figueroa, an apartment complex development in Los Angeles, Los Angeles County, CA.** Principal and Project Manager for the completion of a record search, NAHC record search request, and a site survey for apartment complex development. (June 2017 – August 2017)
- **11172 Santa Paula Road Phase Ia Survey for a 5.5-acre Agricultural property in Ojai, California, Ventura County, CA.** Principal and Project Manager for the completion of a record search, NAHC record search request, and a site survey. (May 2017 – June 2017)
- **6658 Reseda Boulevard, City of Reseda, Los Angeles County, CA.** Principal and Project Manager for a Phase 1 record search for this urban mixed use project. (March 2017 – May 2017)
- **Paradise Valley Development Project Environmental Impact Report and Impact Statement, Riverside County, CA.** Author of the cultural section for this EIR for a housing and mixed use development of over 2200-acres east of Indio, California. Also reviewed original techical documents, and incorporated legal and agency comments. Mitigation measures included the management and monitoring of dozens of cultural resources, sensitive soils, and paleontological resources. (October 2014 – March 2017)
- **Phase I Cultural Resources Survey for Parcel 2058-003-010, Lobo Canyon, Los Angeles County, CA.** Principal and Project Manager for completion of a Phase Ia and NEPA permit for the project (USACOE, Los Angeles District). Extensive communications and consultation with the COE and SHPO. Project also involved the mitigation monitoring of a prehistoric cultural resource located on the property. (July 2016 – March 2017)
- **Phase I Survey for a 1.33-acre Mixed-Use development in the City of Northridge at the corner of Nordoff and Darby Streets, Los Angeles County, CA.** Principal and Project Manager for the completion of a record search, NAHC scoping, and a site survey. This project included a built-environment assessment of existing historic structures (October 2016 – February 2017)
- **Phase I Survey for a 0.5-acre Residential Subdivision in the City of Los Angeles at the end of Crisler Way, Los Angeles County, CA.** Principal and Project Manager for the completion of a record search, NAHC record search request, and a site survey. (October 2016 – February 2017)
- **Deer Lake Residential Development Cultural Monitoring, Porter Ranch, Los Angeles, CA.** Principal and Project Manager for the cultural monitoring of eight cultural resources within the project development boundary. This project includes the writing of a final Monitoring Report. (May 2016 – February 2017)
- **Phase I Survey for a 0.5-acre Mixed Use Development Project on Camarillo Avenue in North Hollywood, Los Angeles County, CA.** Principal and Cultural Project Manager for the completion of a record search, NAHC scoping, and a site survey. This project also included a historic built environment assessment (November 2016 – January 2017)
- **Phase I Survey for a 14-acre Residential Subdivision in Woodland Hills, CA.** Principal and Project Manager for the completion of a record search, NAHC scoping, and a site survey. This project involved consultation with the City of Los Angeles on AB-52 (July 2016 – January 2017)

- **Lynn Road Residentitial Development Project, Newbury Park, CA.** Principal and Project Manager for the Phase Ia and Phase Ib survey of this 10-acre parcel. A large prehistoric Middle-Period seasonal settlement was discovered, which required subsurface testing and extensive mapping of surface hearths, yucca roasters, and dwelling features. Project included public testimony before the Thousand Oaks Planning Commission. (September 2015 – December 2016)
- **Pepperdine University Campus Life Project: Debris Basin Excavation Cultural and Paleontolgoical Resource Monitoring, Los Angeles, CA.** Principal and Project Manager for cultural resource monitoring of Phase I of the Pepperdine Campus Life housing, facilities, and trail development project. (August – October 2016)
- **Trail Construction Monitoring, Conrad N. Hilton Foundation.** Principal and Project Manager for the development of a pedestrian foot trail loop between the Foundation and the nearby "Ridge" professional building, including the excavation of dozens of shovel test pits and a major surface collection of prehistoric artifacts, including trail construction monitoring. (August – September 2016)
- **32640 PCH Phase I Cultural Resource Survey, Santa Monica, CA.** Principal and Project Manager for the Phase I cultural resource assessment of a ravine rehabilitation project between the Pacific Coast Highway and the Pacific Ocean. Included a record search, site survey, and technical report. (May 2015 – June 2016)
- **Conrad N. Hilton Foundation Trail Project Cultural Assessment, Agoura Hills, Los Angeles County, CA.** Project Manager for the Phase 1b survey of a new pedestrian access trail linking off-site office space with the Foundation campus buildings. Project included the excavation of over 30 shovel test pits and the recording of numerous prehistoric features. (May – August 2016)
- **CA-LAN-321 Project Compliance Plans, and Native American and Lead Agency Consultation, Agoura Hills, Los Angeles County, CA.** Tasks included the authoring of a cultural resource Treatment and Data Recovery Plan, a cultural resource Management Plan, and a Curation Plan for all artifacts, as well as the organization of meetings with the Chumash Tribal Groups and the Lead Agency. (April 2015 – June 2016)
- **Canyon Park Homes, Sylmar, Los Angeles County, CA.** Native American Tribal Group consultation and pre-construction monitoring for this 80-acre residential property development, as well as EIR section writing. (February 2015 – March 2016)
- **Oakwood Schools Built Enviroment and Archaeological Assessment, North Hollywood, Los Angeles County, CA.** Principal and Project Manager for the Phase I cultural resource assessment of the project property prior to the construction of a new middle and high school campus within the North Hollywood area. Challenging tasks included Native American ghost writing for the lead agency (City of Los Angeles) and addressing a modern human cremation garden in the report (November 2015 – February 2016)
- **Floral Canyon Residential Development Cultural Resource Survey, North Hollywood, CA.** Principal and Project Manager for this Phase Ia cultural resource survey of an 8-acrea property. The cultural resource parts of the CEQA checklist were also completed. (September – December 2015).

- **Hilton Property Phase 3 Construction Site Phase Ib Cultural Resources Survey, Agoura Hills, Los Angeles County, CA.** Principal and Project manager for this extensive preliminary survey project, including excavation of over 200 shovel test pits and 4 test units to define the boundaries of a prehistoric ceremonial site of over 80-acres in size, used by Chumash Native Americans from 400 A.D. to the late 1700s. Recordation of over 190-features and 11,500 artifacts. Second phase will include data recovery tasks and an ammended Environmental Impact Report. (February 2014 – March 2015)
- **Blessed Theresa Church Construction, City of Winchester, Riverside County, CA.** Cultural consultation including cultural/paleo monitoring issues. (April 2014 – July 2014)
- **Village at Los Carneros, City of Goleta, Santa Barbara County, CA.** Reviewed all previous technical studies and wrote part of the cultural sections of the Environmental Impact Report for this residential house development project. (March 2014 – April 2014)
- **3121 Old Topanga Canyon Road Phase I Survey and Literature Search, City of Calabasas, Los Angles County, CA.** Principal and Project manager for this residential development project, including NAHC letters, literature review, site survey, paleontolgoical survey and literature search, final technical report, and the writing of the cultural resources section of the Environmental Impact Report. (March 2014 – April 2014)
- **Beacon Solar, Hecate Energy and LADWP, Kern County, CA.** Business Developer for the archaeology and biological monitoring, pre-construction surveys, and desert totoise fence monitoring for this large, 2000-acre solar project for the Los Angeles Department of Water and Power. (July – October 2013).
- **Q-Cells Solar Survey, Palm Springs, Riverside County, CA.** Principal and Project Manager for a cultural survey and record search of 36-acres north of Palm Springs for solar development. (October 2013 – October 2013)
- **Pacific Gas and Electric NERC Support Monitoring, sub to URS, Northern and Central California.** Principal and Project Manager for this 4-year project in support of the national NERC power pole reliablity project for PG&E. Involves cultural, biological, and paleontological monitoring and field surveys. (October 2013 – October 2013)
- **Gold Bar Transmission Line Survey, McEwen Mining, Eureka County, NV.** Principal and Project Manager for this 2,577-acre cultural survey for the develelopment of a 33-mile transmisstion line to service the Gold Bar Mine in Nevada. Bureau of Land Management was the principal Federal agency. (April 2013 – October 2013).
- **East Kern Wind Resource Area (EKWRA) Power Pole Replacement Project, Environmental Intelligence / Southern California Edison, Kern County, CA.** Principal and Project Manager. This two-year project included cultural resource surveys, the evaluation of numerous cultural sites, and cultural and paleontological monitoring for the construction of over 130-miles of new power poles and fiber optics lines to service Tehachapi Moutain wind farms. (January 2013 – October 2013)
- **Pure Source Power, Victorville, San Bernardino, CA.** Principal and Project Manager for a cultural survey and record search of 140-acres north of Palm Springs for solar development. (September 2013 – October 2013)

- **Dry Ranch Solar Project, Silverado Power, Los Angeles County, CA.** Principal. Dr. Bischoff managed this 64-acre solar project near Lancaster, which included a record search, field survey, and cultural report to meet CEQA compliance. This project included coordination with Southern California Edison for a gen-tie line and telecom attachments. (March - April 2013)
- **Plainview Solar Project, Silverado Power, Los Angeles County, CA.** Principal. Dr. Bischoff managed this 114-acre solar project near Lancaster, which included a record search, field survey, and cultural report to meet CEQA compliance. (April - May 2013)
- **Silverleaf Solar Project, Cultural and Paleontolgoical Survey, Agile Engergy, Imperial County, CA.** Principal and Project Manager. Dr. Bischoff provided general review and quality control for a large solar project south of San Diego. This project involved an over 2,000-acre survey of proposed solar fields and 5-miles of electrical transmission gen-tie lines. The bureau of Land Management was the principal Federal agency. (November 2011 - July 2012)
- **Desert Harvest Solar Project, Build Environment Survey, eneXco Energy, Riverside County, CA.** Project Manager. Dr. Bischoff was the project manager for the built environment survey of 1,600-acre solar field and 12-miles of electrical transmission gen-tie lines. This included the production of a separate technical report for the Bureau of Land Management that included a historic structure inventory, assessment of signficance, and an indirect effects analysis. (November 2011 - June 2012)
- **Silverleaf Solar Project, Built Environment Survey, Agile Engergy, Imperial County, CA.** Project Manager. Project Manager. Dr. Bischoff was the project manager for the built environment survey of 2,000-acre solar field and 5-miles of electrical transmission gen-tie lines. This included the production of a separate technical report for the Bureau of Land Management that included a historic structure inventory, assessment of signficance, and an indirect effects analysis. (November 2011 - July 2012)
- **IVSC2 Solar Project, County of Imperial, Imperial County, CA.** Principal and Project Manager. Dr. Bischoff provided oversight of the 140-acre solar project east of the Salton Sea. This project was notable for the quick response time required to field a survey crew and complete a draft report for the County (Sept-Oct 2012)
- **Desert Harvest Solar Project, Cultural and Paleontological Resource Survey, eneXco Energy, Riverside County, CA.** Principal and Project Manager. Dr. Bischoff provided general review and quality control for a large solar project northeast of Blythe, CA. This project involved an over 1,600-acre survey of proposed solar fields and 12-miles of electrical transmission gen-tie lines. Bureau of Land Management was the principal Federal agency. (November 2011 - July 2012)
- **Desert Harvest Solar Project, Build Environment Survey, eneXco Energy, Riverside County, CA.** Project Manager. Dr. Bischoff was the project manager for the built environment survey of 1,600-acre solar field and 12-miles of electrical transmission gen-tie lines. This included the production of a separate technical report for the Bureau of Land Management that included a historic structure inventory, assessment of signficance, and an indirect effects analysis. (November 2011 - June 2012)

- **AT&T Fiber-optics Renewal Project, Evaluations, Mitigations, and Monitoring, AT&T, San Bernardino County, CA.** Cultural Principal and Project Manager. Dr. Bischoff will provide project management, technical writing, and quality control for the cultural and paleontological evaluations, data recoveries, and monitoring efforts for the AT&T fiber renewal project. This project involved the survey of over 90 miles of proposed new fiber-optic line between Barstow and Las Vegas, NV, and the management of over 100-cultural sites. Bureau of Land Management and Mojave National Preserve were the principal Federal agencies. (July 2013 – October)
- **Fiber Node Evaluations, Freedom Communications, Orange County, CA.** Cultural Principal. Dr. Bischoff provided general project management and quality control for the cultural background record searches and surveys for dozens of telecommunication sites throughout the City of Irvine as part of the Freedom Communications site development project. Dozens more sites are expected to be tested in the coming year. (April 2012 – October 2013)
- **San Diego Churches and Public Building Historic Structure Evaluations, DePratti Inc., City of San Diego, CA.** Principal Investigator. Dr. Bischoff acted as Principal and QA/QC manager for this project, which involved the evaluation of dozens of historic structures as part of the DePratti Communication telecommunication attachment project in the City of San Diego. (November 2011 – October 2013)
- **The Plunge Evaluation, DePratti Inc., City of San Diego, San Diego County, CA.** Principal for this historic architecture project involving the structural evaluation and National Register documentation for The Plunge historic salt-water bath house in San Diego. (September 2013 – September 2013)
- **AT&T Fiber-optics Renewal Project, Surveys, Literature Searches, and Technical Studies, AT&T, San Bernardino County, CA.** Cultural Principal and Project Manager. Dr. Bischoff provided general project management and quality control for the cultural, paleontological, and ethnographic surveys, literature searches, and technical studies. This project involved the survey of over 90 miles of proposed new fiber-optic line between Barstow and Las Vegas, NV, and the management of over 100-cultural sites. Bureau of Land Management and Mojave National Preserve were the principal Federal agencies. (April 2012 – July 2013)
- **Digital West Fiber Line Feasibility Study, San Luis Obispo to Los Angeles, Counties of San Luis Obispo, Sanata Barbara, Ventura, and Los Angeles, CA.** Project Manager for this large feasibility study for placing a new fiber line down the US 101 freeway cooridor. Biological, cultural, paleontological, and permitting constraints were all examined. (April 2012 – July 2013)
- **Digital 395 Broadband Stimulus Project, Praxis and California Broadband Corporation, California and Nevada.** Cultural Director. Dr. Bischoff acted as the California report manager of the cultural division, directed fieldwork, and authored management documents and reports. This project involved the new installation of over 650 miles of fiber-optic line across California and Nevada. The programmatic agreement of this complex project included 10 federal, state, and tribal agencies, with another seven acting as interested parties, and the management, evaluation, and monitoring of over 170 cultural sites. NTIAA was the Principal Federal Agency, but also involved twelve other California and Nevada State and Federal agencies and Tribal Groups (November 2011 – April 2012)

- **Fort Irwin Cell Tower Geotech Boring Monitoring, Northrop-Grumman and Fort Irwin Army Post, San Bernardino County, CA.** Principal. This project involves the cultural and paleo monitoring of sensitive areas as part of the construction of over 24 new cell tower locations. (October 2013 – October 2013)
- **Edwards Airforce Base Telecommunication Cultural Monitoring, Team Fischel Company, Edwards AFB, Kern County, CA.** Project Manager and Principal for the cultural monitoring of 40-miles of telecommunication trenching on Edwards AFB, including pre-construction meetings and a final monitoring report. (May 2013 – Sept. 2013)
- **Fort Irwin Cell Tower Surveys and Monitoring, Northrop-Grumman and Fort Irwin Army Post, San Bernardino County, CA.** Principal. This project involves the cultural and paleo survey of over 24 new cell tower locations and associated access roads on Fort Irwin, as well as construction phase monitoring. (April 2013 – October 2013)
- **Marine Corps Base, Camp Pendleton, Cultural Resources Consultation, Marine Corps Base, Pendleton, San Diego County, CA.** On-Call Senior Cultural Resources Consultant. Dr. Bischoff provided senior-level cultural resource consultation related to Camp Pendleton's Basewide Utilities Infrastructure Improvements project. He provided consulting on cultural resource management for several waste treatment and utility line systems as part of the Camp's "Grow the Force" initiative. (2011 – October 2013)
- **Pacoima Spreading Grounds Improvement Project, LACDPW, Los Angeles County, CA.** Cultural Principal. Dr. Bischoff managed the cultural resources record search and CEQA cultural section mitigation measures of an EIR for the improvement of the Pacoima spreading grounds and related canal resources. (April 2013 – October 2013)
- **Devil's Gate Reservoir Sediment Removal and Management Project, LACDPW, Los Angeles County, CA.** Principal of Cultural Resources. This project involved removal of sediment within the Devil's Gate Reservoir area, which required a preliminary cultural survey and record search under CEQA, as well as an EIR. Dr. Bischoff served as the cultural principal for the project and provided a recommended plan for dealing with sedimentary soils vs. native soils, monitoring criteria, and potential discovery situations. Dr. Bischoff helped write Environmental Impact Report sections, and worked with the Gabrieleno Tribal Group in the protection of archaeological and tribal cultural resources. (2011 – October 2013)
- **Peck Road Spreading Basin Improvement Project, LACDPW, Los Angeles County, CA.** Cultural Principal. Dr. Bischoff managed the cultural resources record searches, field survey, paleontological survey, and CEQA cultural section mitigation measures of an MND for the improvement of the Peck Road Spreading Basin, including a related new water discharge pipe. (June 2013 – September 2013)
- **Marina Del Rey Waterline Replacement Project Cultural Monitoring, LACDPW, Los Angeles County, CA.** Cultural Principal. This project with the Los Angeles Department of Public Works involved the cultural monitoring for the Marina Del Rey 18-inch Waterline Replacement. Chambers Group also provided a qualified archaeological monitor at the project site during excavation activities during construction. (March - May 2013)
- **Dieguto Wetlands Restoration Monitoring, Southern California Edison, Del Mar, San Diego County, CA.** Principal Investigator and Project Manager. This project involved the extensive rehabilitation of Southern California Edison property as part of the Dieguto Wetlands Restoration project. (April 2012 - January 2013)

- **Live Oaks Spreading Grounds Project, LACDPW, Los Angeles County, CA.** Cultural Principal. Dr. Bischoff managed the cultural resources record search and site visit for this public works project. (April 2013 – October 2013)
- **Los Penasquitos Wetlands Monitoring, AMEC, Del Mar, San Diego County, CA.** Principal Investigator. Dr. Bischoff managed the monitoring tasks, budgets, and professional standards for this project near the City of Del Mar as part of the Torrey Pines State Nature Reserve restoration. (October - December 2012)
- **San Gorgonio Creek Water Recharge Basin Construction Monitoring, Beaumont Cherry Valley Water District, Cherry Valley, Riverside County, CA.** Principal and Project Manager. This project involved paleontological and archaeological construction monitoring during construction, including emergency evaluation and monitoring when early 19Th Century structures and materials were unexpectedly encountered during earth moving. (February 2012 – April 2012)
- **Penmar Golf Course Water Quality Improvement Project, Pacific Hydrotech and City of Santa Monica, Santa Monica, CA.** Principal Investigator. Dr. Bischoff managed QA/QC review, budgets, and professional standards for the project in the City of Venice. Penmar was a multi-year waterline and tank improvement project in which evidence of ethnic Japanese barrios and fossil Pleistocene animal bones were discovered. (November 2011 - November 2012)
- **Oxford Retention Basin Flood Protection Project, LACDPW, Los Angeles County, CA.** Principal and Project Manager. The Oxford Basin in Marina Del Rey was receiving enhancement, and Dr. Bischoff managed the completion of the cultural survey, literature review, and construction monitoring for the project. (2011 - 2012)
- **Veterans Administration, VISN 21 On-Call, Western States, Teamed with KAL Architectes.** This project will provide cultural and biological technical services for Veterans Administration projects from October 2013 to October 2018. (October 2013 – October 2013)
- **Historic Structure Evaluations for Statewide Weatherization Efforts, sub to ICF for the State of California, All Counties, CA.** Project Manager and Principal. This project involves meeting NEPA compliance for low-income subsidized weatherization efforts throughout the State of California. Hundreds of structures will be evaluated as part of this project by a Chambers Architectural Historian using a abbreviated format. (November 2011 to October 2013)
- **CEQA Services for Improvements to Polytechnic and Wilson High Schools, LBUSD, City of Long Beach, CA.** Cultural Principal. Dr. Bischoff provided oversight and incorporation of the historic architecture technical reports into the project CEQA documents. (June 2013 – August 2013)
- **Mill Creek Crew Room Cultural Monitoring, Angeles National Forest (ANF), Los Angeles County, CA.** The County of Los Angeles Department of Public Works proposed to replace the crew room building within the Angeles Forest Mill Creek Summit Maintenance Yard facility. This CEQA/NHPA project involved the preparation of a treatment and discovery plan document, ARPA permitting, constant consultation with the ANF, construction monitoring, and a final monitoring report. (April – July 2013)

- **Review of Technical Report and CEQA Documents Relating to the Proposed Demolition of Santa Ana Public Building #16, City of Santa Ana, Santa Ana, CA.** Principal. This project involved the review of technical documents, mitigation measures, and CEQA documents relating to the demolition of a 1950s public building in the City of Santa Ana. (May 2013 – July 2013)
- **Roosevelt School, LBUSD, City of Long Beach, CA.** Cultural Principal. Dr. Bischoff provided oversight, authorship, and counsel on the EIR for the demolition of the Roosevelt Elementary School in Long Beach. This proved to be a complex project, involving an historic built environment resource evaluation and mitigation plan, legal investigation, and extensive responses to public comments. This process resulted in a HABS/HAER mitigation project. (November 2011 - June 2012)
- **Foothill Toll Road Cultural and Paleontological Monitoring, Ghiradelli and Associates, Orange County, CA.** Principal and Project Manager for cultural monitoring related to the upgrade of all tollroad payment stations in Orange County. (October 2013 – October 2013)
- **9th Street Extension Historic Structure Inventory and Evaluation, City of Holtville, Imperial County, CA.** Principal and Project Manager. Dr. Bischoff managed and provided QA/QC for this project involving a Caltrans inventory of project APE historic built environment resources, and the historic evaluation of a canal feature. Final deliverables included a Historic Resources Evaluation Report and a Historic Property Survey Report to CALTRANS standards. (June 2013 – August 2013)
- **Francisquito Bridges Replacement (3-Total), LADWP/CALTRANS, Los Angeles County, CA.** Principal. Dr. Bischoff managed and oversaw the completion of this project in the Angeles Forest. This project involved the replacement of three existing bridges on San Francisquito Canyon Road over San Francisquito Canyon Creek. The proposed improvement project involved widening the two lane bridges, improvement of approachment roadway, and the placement and installation of retaining walls, concrete barriers with tubular-steel handrails, and metal beam guardrails. (2011 – September 2013)
- **Murrieta Whitewood Road Extension, City of Murrieta, Riverside County, CA.** Principal and Project Manager. This road extension project involved a cultural resource survey and records search, a paleontolgoical field study, and native american Consultation due to the historic use of the nearby Murrieta Hot Springs by local Native Americans. (April – June 2012)
- **Nuevo Road/ I-215 Interchange Improvement in the City of Perris, CALTRANS, Riverside County, CA.** Principal. Dr. Bischoff managed and provided QA/QC for this project involving street widening and additional improvements at the Nuevo Road/ I-215 interchange. Final deliverables included a record search and a survey report to CALTRANS standards. (2011 – 2012)
- **Soledad Canyon Road Bridge Replacement Project, LACDPW, Los Angeles County, CA.** Principal. LADPW intends to replace a bridge on Soledad Canyon Road. Chambers Group completed a record search and NAHC records review for potential archaeological resources. This project is on-going and may in the future involve further work, including cultural and historic structure surveys and evaluation. (2011 – 2012)

- **Grove Lumber Facility Cultural and Paleontological Technical Studies, Thatcher Engineering, City of Perris, Riverside County, CA.** Principal for the cultural technical studies for this development project, including cultural and paleontological record searches, NAHC letters, and a cultural study (October 2013 – October 2013)
- **Newport Beach Yacht Club Evaluation, Community Development Department, City of Newport Beach, Orange County, CA.** Principal for this historic architecture project involving the built environment evaluation of the Newport Beach Yacht House. (October 2013 – October 2013)
- **Blossom Plaza Historic Structure Evaluation, China Town, City of Los Angeles, CA.** Principal for this historic architecture project involving the updating of technical reports and a standing structure evaluation. (July 2013 – September 2013)
- **Moreno Valley Residential Building Evaluation, City of Moreno Valley, Riverside, CA.** Principal for the architectural assessment of the J. Langdon Ranch located at 11761 Davis Street, in the city of Moreno Valley, Riverside County, California. (April 2013)
- **Indian Wells Tennis Court Development Project, Indian Wells, Riverside County, CA.** Principal Provided technical review of the planning documents cultural section, as well as oversaw Native American Heritage Commission communication for this project to enhance the Indian Wells Tennis Garden complex. (December 2012 – April 2013)
- **Scripps Hospital Paleontological and Archaeological Monitoring, Worley-Parsons, City of Encinitas, CA.** Principal Investigator. Dr. Bischoff managed QA/QC review, budgets, and professional standards for the cultural and paleontological monitoring of this large development project. (2011 - 2013)
- **Tehachapi Renewable Transmission Project (TRTP), Southern California Edison, Kern, Los Angeles, and San Bernardino Counties, CA.** Principal and Project Manager. Dr. Bischoff was responsible for all office and field operations that ensured the successful inventory and management of cultural resources related to this 300-mile transmission line project, including the management of standing historical structures and paleontological resources. He managed an annual budget in excess of $4 million, a staff of up to 40 persons, wrote compliance documents (Programmatic Agreement Appendices, ARPA permits, Project Agency Yearly Reports, and Management Plans), and managed hazmat situations. Dr. Bischoff completed over 150 individual projects in southern California including survey, evaluation, mitigation, and resource monitoring. He wrote individual budgets for project-specific tasks, as well as construction-related administrative tasks, each with different scopes of work and budget amounts. He reconciled all budgets on a monthly basis and coordinated them with the master construction schedule. Dr. Bischoff managed field compliance with NEPA, with TRTP-specific environmental agency agreements, and with the cultural section of the project EIR/EIS and Programmatic Agreement. He also met legal and agency guidelines for Section 106 of NHPA, CEQA, NAGPRA, and TRTP Cultural Resource Management Plan. The Angeles National Forest was the lead Federal Agency, but the CPUC and other Federal and California State Agencies were also involved. (November 2009 - June 2011)

- **East Kern Wind Resource Area (EKWRA) Power Pole Replacement Project, Southern California Edison, Kern County, CA.** Principal and Project Manager. Dr. Bischoff managed original technical studies for a project designed to replace hundreds of power poles in the Tehachapi Mountains area in support of new wind farm construction. He conducted large area surveys, some on BLM properties, and developed a management plan for dozens of archaeological sites. Bureau of Land Management was the principal Federal agency. (February 2010 - June 2011)
- **San Jose Salt Barge HAER Documentation Project, USACE and Santa Clara Valley Water District, City of San Jose, CA.** Principal. Dr. Bischoff consulted on the excavation and evaluation of a shallow-water shipwreck discovered during a wetlands rehabilitation project. This project involved USACE, San Francisco District as lead agency and the Water District as client. (January – February 2011)
- **Operations and Maintenance Contract, Southern California Edison. Southern California.** I acted as the Principal for all work orders issued to our office under the O/M contract. A major task under this contract was the response to the Crown Fire in 2010. I worked directly with SCE during and immediately after the fire to evaluate and protect cultural resources. (Jan 2010 - June 2011)
- **Crown Fire Survey and Cultural Site Update, Southern California Edison, Los Angeles County, CA.** Project Manager. Dr. Bischoff led the cultural response to the Crown Fire, which included surveying and updating known cultural sites as part of the SCE post-fire power pole and access road inspection. (August – Sept. 2010)

APPENDIX D
Phase I Environmental Site Assessment

PHASE I ENVIRONMENTAL SITE ASSESSMENT

135, 141 &153 West Avenue 34, and 3401 & 3433 Pasadena Avenue
Los Angeles, California 90031

Prepared for
MR Real Estate, LLC

Report Date
July 19, 2019

Project Number
201906-5738

Fulcrum Resources Environmental

517 South Ivy Avenue
Monrovia, California 91016
1-800-385-7105
www.frenviro.net

Fulcrum Resources Environmental (Fulcrum) has performed a Phase I Environmental Site Assessment of the property located at 135, 141 &153 West Avenue 34, and 3401 & 3433 Pasadena Avenue, Los Angeles County, Los Angeles, California 90031 in general conformance with the scope and limitations of the protocol and the limitations stated earlier in this report. Exceptions to or deletions from this protocol are discussed in this report.

Fulcrum declares that, to the best of our professional knowledge and belief, the undersigned meet the definition of *Environmental Professionals* as defined in §312.10 of this part [40 CFR Part 312], and have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. Fulcrum has developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Prepared By

_____

Emily Sturnfield, MS, LG
Senior Geologist
Environmental Professional

Reviewed By

_____

Ling Cao, MS
Project Manager, Principal Consultant
Environmental Professional

Final Review By

_____

Don Kellar, P.G.
Senior Project Manager, Hydro-geologist
Environmental Professional

· EXECUTIVE SUMMARY ·

Fulcrum Resources Environmental (FR) has conducted a Phase I Environmental Site Assessment in accordance with the American Society for Testing and Materials (**ASTM**) Standard Practice E1527-13 and U.S. Environmental Protection Agency Standards and Practices for All Appropriate Inquiries (40 CFR Part 312) for the subject property addressed at **135, 141 &153 West Avenue 34, and 3401 & 3433 Pasadena Avenue, Los Angeles County, Los Angeles, California 90031** (subject property) per the request of MR Real Estate, LLC (Client). The work was authorized by written contract dated June 19, 2019.

Additional Addresses

The subject property was historically associated with the following addresses:

1906
On West Avenue 34: 119, 139, 141, 143, 145, 147, 149, 153, 157
On Pasadena Avenue: 3403, 3407, 3417, 3419, 3423, 3429, 3431, 3437

1920
On West Avenue 34: 119, 139, 141, 143, 145, 147, 149, 153, 157
On Pasadena Avenue: 3401, 3403, 3407, 3411, 3417, 3419, 3423, 3425, 3429, 3431, 3437, 3439, 3441

1951
On West Avenue 34: 119, 123, 129, 133, 139, 141, 145, 149, 153, 155, 169
On Pasadena Avenue: 3401, 3407, 3415, 3417, 3419, 3421, 3423, 3425, 3429, 3431, 3437

1970
On West Avenue 34: 141, 153, 155, 169
On Pasadena Avenue: 3401, 3415, 3417, 3419, 3433, 3437

The additional addresses were researched as part of the subject property address range for the purposes of this Phase I Environmental Site Assessment.

Summary of Property Description

The subject property, 135, 141 &153 West Avenue 34, and 3401 & 3433 Pasadena Avenue, Los Angeles County, Los Angeles, California 90031, is located on the north side of West Avenue 34 and the west side of Pasadena Avenue, between North Artesian Street (to the west), within a highly-developed light industrial/commercial area. According to the Los Angeles County Tax Assessor's Office, the subject property is assigned the following Assessor's Parcel Numbers (APNs):

Address	APN	Land, sq feet	Building(s), sq feet
135 and 141 West Avenue 34	5205-004-011	157,560	87,980
153 West Avenue 34	5205-004-005	4,800	3,520
3401 Pasadena Avenue	5205-004-003	28,794	4,040 and 9,600
3433 Pasadena Avenue	5205-004-007	28,145	14,315

The subject property consists of four lots as described in Section 2.1 comprising a total of approximately 219,299 square-foot commercial lot. The parcels are described below based on publicly available information from the Los Angeles County Assessor Portal and site observations.

135 and 141 West Avenue 34

The property at 135 and 141 West Avenue 34 is currently improved with an industrial-commercial building of concrete construction, built in 1977. The building is comprised of two units, each of which includes office and warehouse space. The units are currently occupied by Ortiz Bros. Moving and Storage and Atlas Van Lines, a moving company; Phil's Transfer & Storage, Inc. for storage space; and Studio 34, Inc. for art studio space. Separate entrances and loading bays for the building are located near the southwest corner of the structure, and customer entry is achieved near the southeast corner of the building. Stacked corrugated steel shipping containers are located outside of the building in the parking areas in the south and central areas of the lot. The property features perimeter fencing of variable design, and motorized gate entry to the south along West Avenue 34.

153 West Avenue 34

The property at 153 West Avenue 34 is currently improved with an industrial-commercial building of brick and corrugated steel construction, built in 1929. The building is currently occupied by Ortiz Bros. Moving and Storage. The structure features a front entrance with a garage door for vehicular access along the southern boundary of the site. All other areas are asphalt paved with landscaped areas near the front entrance. Stacked corrugated steel shipping containers are located outside of the building in the parking areas to the north and northwest of the building. The property shares perimeter fencing with 145 and 141 West Avenue 34.

3401 Pasadena Avenue

The property at 3401 Pasadena Avenue is currently improved with an industrial-commercial building of wood-frame, cinderblock, and brick-façade construction on the east side of the parcel, built in 1925. That building is currently occupied by LootCrate, a merchandise wholesaler of apparel, games, accessories, and other various novelty items and collectables; and Call Time Quenchers, a beverage distribution company. Operational areas within the structure are primarily unfinished warehouse space with concrete flooring, utilized for storage of products, finished office/administrative areas with tile flooring and suspended drop-grid ceilings. The office portion of the structure features a split-level design with the second-story utilized for storage.

In the southeast corner of the site is a second industrial-commercial building of corrugated steel construction, built in 1948. The building is currently utilized as a warehouse for dry-goods storage. The

exterior of the property is asphalt paved with employee parking. An entrance is located near the southeast corner of the structure. The property also features perimeter chain link fencing with barbed wire and a manual gate for vehicular access along Pasadena Avenue.

3433 Pasadena Avenue

The property at 3433 Pasadena Avenue is currently improved with an industrial-commercial building of wood-frame and cinderblock construction with reinforced steel support beams and a brick façade, built in 1967. The building is also occupied by LootCrate. The building is comprised of office and work area space. The work area is partially finished with concrete and carpet flooring, and the office areas feature tile floors with drop-grid ceilings. The property shares parking areas and perimeter chain link fence with the 3401 Pasadena Avenue property.

All four parcels are together enclosed with fencing of variable design. A railroad corridor with a northeast/southwest alignment is present, parallel and adjacent to the western boundary of the subject property.

The subject property is occupied by the following tenants:

Property Address	Business Name	Business Operation
135 and 141 West Avenue 34	Ortiz Bros. Moving and Storage and Atlas Van Lines Phil's Transfer & Storage, Inc	Moving Company and Commercial Storage Moving Company and Commercial Storage
153 West Avenue 34	Ortiz Bros. Moving and Storage and Atlas Van Lines	Moving Company and Commercial Storage
3401 Pasadena Avenue	LootCrate Quick Time Quenchers	Merchandise Wholesaler Beverage Distributor
3433 Pasadena Avenue	LootCrate	Merchandise Wholesaler

The subject property has been owned by Mr. Eric Ortiz of Ortiz Bros. Moving and Storage since 2000, and has occupied the property since 1993.

Summary of Property History

Based on a review of available historical records, the north, west, and central areas of the subject property were vacant, and the east and west areas were developed with private residential structures by as early as 1894. Most of these residential properties persisted until 1964 with few exceptions, including the subject property warehouse building addressed 153 West Avenue 34 (constructed in 1929) along the southern boundary of the site, and the subject property warehouse buildings addressed 3401 Pasadena Avenue (constructed in 1925) and 3433 Pasadena Avenue (constructed in 1967) along the eastern boundary of the site. A railroad corridor has been historically present along the western boundary since at least 1894, and is still currently in use. A bakery occupied the southeast corner of the property (original occupant of the 3401 Pasadena Avenue building) from 1919 until at least 1951, and was redeveloped as a machine and woodworking shop in 1970.

The historic industrial areas of the subject property have a more complicated history, and are discussed here as the "historic industrial areas". These areas include the north, west, and central parts of the site. The historic industrial areas were vacant and undeveloped in 1894 until at least 1906. By 1920, these areas were developed and occupied by the Los Angeles Sand & Gravel Company, which occupied the property until at least 1928, and terminated by 1938, at which time the historic industrial areas of the subject property consisted of vacant land. By 1948, these areas were redeveloped with six industrial structures, occupied by Steel Framing & Building Corporation in 1951, and ITT Cannon Electronics Inc. from at least 1964-1970. The historic industrial areas were demolished and consisted of vacant and graded land in the 1977 aerial photograph, and the subject property buildings addressed 135 and 141 West Avenue 34 were constructed in 1977 according to building department files and tax assessor records, and was occupied by American Caster Corp from 1977 until the property was purchased by the current owner, Mr. Eric Ortiz, in 1999. The subject property has been primarily occupied by Ortiz Brothers Moving & Storage, with a variety of tenants between 1999 and present. Refer to Section 4.1.

Summary of Regulatory Database Concerns

The subject property was not identified on any of the federal, state, or local regulatory records databases in the Environmental Data Resources, Inc. (EDR) Radius report.

Vapor Encroachment Condition (VEC)

A total of 8 sites were identified in the Radius Map Report and historical research within the "Area of Concern" that were considered to pose a potential VEC at the subject property based on the Tier 1 Evaluation. Tier 1 sites are:

- **3505 Pasadena Avenue** (Map ID B41-47) – this site was identified under the operator name Former Welch's Uniform Services and is located adjacent to and north of the subject property. The site is listed in the following databases from the report: UST (2), RCRA-LQG, ENVIROSTOR, LUST, CPS-SLIC (2), VCP, SWEEPS UST, HIST UST, CA FID UST, FINDS, ECHO, EMI, HIST CORTESE, CERS, DRYCLEANERS, HAZMAT, and EDR Hist Cleaner. Based on regulatory oversight and on-going SVE remediation with semi-annual groundwater monitoring, and the most recent (2016) analytical data available, this site does not represent a VEC to the subject property.

- **3500 Pasadena Avenue** (Map ID F61, 62) – this site was identified under the operator names Smith W P and Chuy Carburetors, and is located approximately 250 feet northeast of the subject property. The site is listed in the EDR Hist Cleaner and HAZMAT databases. Based on the available information, this site does not represent a VEC to the subject property.

- **3225 Lacy Street** (Map ID H67-73) – this site was identified under the operator names Heath & Co, and Maintenance and Operations New Maintenance Company for the Los Angeles Unified School District. The site is located approximately 350 feet southwest of the subject property, and is listed in the following databases from the report: HIST UST, UST, SWEEPS UST, CA FID UST,

RCRA-LQG, HAZMAT, LUST, FINDS, ECHO, HIST CORTESE, and CERS. Based on separation distance and site closure status, this site does not represent a VEC to the subject property.

- **3209 East Humboldt Street (**Map ID I74-78) – this property is located approximately 600 feet south of the subject property, and was identified under the operator ITT Cannon / Kennington. The site is listed in the following databases from the report: HAZMAT, UST, RCRA-SQG, FINDS, SEMS, ENVIROSTOR, VCP, SWEEPS UST, CA FID UST, DEED, HIST CORTESE, CPS-SLIC, LA Co. Mitigation, and CERS. Based on separation distance and regulatory oversight of cleanup activities with active groundwater monitoring, this site does not represent a VEC to the subject property.

- **3580 Pasadena Avenue** (Map ID J94-97) – this site was identified under the operator name Flavor Food Inc. and is located approximately 700 feet northeast of the subject property. The site is listed in the following databases from the report: SWEEPS UST, CA FID UST, LUST, HIST UST, HIST CORTESE, CERS, and UST. Based on separation distance and site closure status, this site does not represent a VEC to the subject property.

- **3101 Artesian Street** (Map ID N98-104) – this site was identified under the operator names Lincoln Heights District and P D D Construction MTNC. The site is located approximately 730 feet southwest of the subject property, and is listed in the following databases from the report: SWEEPS UST, CA FID UST, UST (2), LUST (2), RCRA-SQG, FINDS, ECHO, HAZMAT, CERS HAZ WASTE, HIST UST (2), CERS TANKS, HIST CORTESE, and CERS. Based on separation distance from the subject property, this site does not represent a VEC to the subject property.

- **301 West Avenue 26** (Map ID S127-128) – this property is located approximately 1,700 feet southwest of the subject property and was identified under the operator names Jaybee and Ajax Manufacturing. The site is listed in the ENVIROSTOR, VCP, EMI, and SEMS databases. Based on separation distance and regulatory oversight of cleanup activities with active groundwater monitoring, this site does not represent a VEC to the subject property.

- **400 West Avenue 26** (Map ID T129, 130, 133) – this site was identified under the operator name Lacy's Street Dump and is located approximately 1,700 feet southwest of the subject property. The site is listed in the WMUDS/SWAT, LDS, CERS (2), and SWF/LF (2) databases. Based on separation distance and regulatory closure status, this site does not represent a VEC to the subject property.

In our opinion, none of the other sites listed pose a significant threat to the subject property as there is no indication of a release at the respective sites, a release has occurred but the medium affected was the soil only and the site is beyond the critical distance of 100 feet, or the site location and/or plume of contamination is in excess of the critical distance of 100 feet from the subject property. Thus, a VEC can be ruled out because a VEC does not or is not likely to exist at the subject property.

Data Gaps

No significant data gaps were identified.

Refer to Section 1.4 for a discussion of the limitations, data failures, and/or data gaps encountered during this assessment.

· FINDINGS ·

Recognized Environmental Conditions (RECs)

In defining a standard of good commercial and customary practice for conducting an environmental site assessment of a parcel of property, the goal of the processes established by this practice is to identify recognized environmental conditions (RECs). The term recognized environmental conditions means the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the subject property or into the ground, ground water, or surface water of the subject property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include *de minimis* conditions that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be *de minimis* are not recognized environmental conditions.

This assessment has revealed no evidence of RECs in connection with the subject property.

Historical Recognized Environmental Condition (HREC)

A Historical Recognized Environmental Condition (HREC) is a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by regulatory authority, without subjecting the property to any required controls (e.g. property use restrictions, AULs, institutional controls, or engineering controls).

This assessment has revealed no evidence of HRECs in connection with the property.

Controlled Recognized Environmental Condition (CREC)

A Controlled Recognized Environmental Condition (CREC) is a REC resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (as evidenced by the issuance of a NFA letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (property use restrictions, AULs, institutional controls, or engineering controls).

This assessment has revealed no evidence of CRECs in connection with the subject property.

· CONCLUSIONS & RECOMMENDATIONS ·

FR has conducted a Phase I Environmental Site Assessment in accordance with the American Society for Testing and Materials (**ASTM**) Standard Practice E1527-13 and Environmental Protection Agency Standards and Practices for All Appropriate Inquiries (40 CFR Part 312) for the subject property addressed at **135, 141 &153 West Avenue 34, and 3401 & 3433 Pasadena Avenue, Los Angeles County, Los Angeles, California 90031**. This assessment has revealed no evidence of Recognized Environmental Conditions (RECs) during the course of this assessment with the property.

FR recommends no further investigations for the subject property at this time.

· TABLE OF CONTENTS ·

· 1.0 INTRODUCTION · 1

1.1 PURPOSE 1
1.2 SCOPE OF WORK 2
1.3 SIGNIFICANT ASSUMPTIONS 3
1.4 LIMITATIONS, DATA FAILURES, AND DATA GAPS 3
1.4.1 LIMITING CONDITIONS/DEVIATIONS 4
1.4.2 DATA FAILURES 4
1.4.3 DATA GAPS 4
1.5 QUALIFICATION STATEMENT OF PROFESSIONAL 4
1.6 USER RELIANCE 5

· 2.0 SITE DESCRIPTION · 6

2.1 LOCATION AND LEGAL DESCRIPTION 6
2.2 GENERAL CHARACTERISTIC 6
2.3 CURRENT PROPERTY USE 7
2.4 CURRENT ADJOINING PROPERTIES DESCRIPTION 8
2.5 MUNICIPAL SERVICES AND UTILITIES 8
2.6 PHYSICAL SETTINGS 8
2.6.1 TOPOGRAPHY 8
2.6.2 GEOLOGY/SOIL CONDITIONS 9
2.6.3 HYDROGEOLOGY 9

· 3.0 PROPERTY RECONNAISANCE · 10

3.1 PROPERTY CONDITION OBSERVATIONS 10
3.2 ASTM RECONNAISSANCE FINDINGS 10
3.3 ASTM NON-SCOPE CONSIDERATIONS 12

· 4.0 HISTORICAL USE SUMMARY · 15

4.1 HISTORICAL AERIAL PHOTOGRAPHS REVIEW 15
4.2 HISTORICAL SANBORN MAP COVERAGE REVIEW 17
4.3 PROPERTY TAX FILE 21
4.4 RECORDED LAND TITLE RECORDS 21
4.5 USGS 7.5 MINUTE TOPOGRAPHIC MAPS 21
4.6 HISTORICAL CITY DIRECTORY LISTINGS 22
4.7 BUILDING DEPARTMENT RECORDS 32
4.8 ZONING/LAND USE RECORDS 35
4.9 PREVIOUS REPORTS 35
4.10 OTHER HISTORICAL RECORDS 37

4.11 HISTORICAL SUMMARY **37**

· 5.0 INTERVIEWS/USER INFORMATION · **39**

5.1 INTERVIEWS **39**
5.2 USER INFORMATION **39**
5.2.1 ENVIRONMENTAL LIENS AND/OR ACTIVITY AND USE LIMITATIONS (AULS) 39
5.2.2 SPECIALIZED KNOWLEDGE 39
5.2.3 VALUATION REDUCTION FOR ENVIRONMENTAL ISSUES 40
5.2.4 COMMONLY KNOWN OR *REASONABLY ASCERTAINABLE* INFORMATION 40
5.2.5 OTHER USER PROVIDED INFORMATION 40

· 6.0 GOVERNMENT DATABASE SECTION · **41**

6.1 ENVIRONMENTAL DATABASE SUMMARY **41**
6.2 PROPRIETARY DATABASE LISTINGS **59**
6.3 VAPOR ENCROACHMENT CONDITION **59**
6.4 AGENCY RECORDS **62**

· 7.0 CONCLUSIONS & RECOMMENDATIONS · **63**

· 8.0 REFERENCES · **64**

· 9.0 ACRONYMS · **65**

· FIGURES & APPENDICES ·

FIGURE 1 SITE LOCATION MAP
FIGURE 2 SUBJECT PROPERTY LAYOUT
FIGURE 3 SUBJECT PROPERTY VICINITY
FIGURE 4 PARCEL MAP

APPENDIX A PHOTOGRAPHS
APPENDIX B HISTORICAL RECORD SEARCH
APPENDIX C CORRESPONDENCE/AGENCY RECORDS
APPENDIX D REGULATORY DATABASE
APPENDIX E PREVIOUS ENVIORNMENTAL REPORTS
APPENDIX F PROFESSIONAL QUALIFICATIONS/LIABILITY INSURANCE

· 1.0 INTRODUCTION ·

FR has conducted a Phase I Environmental Site Assessment in accordance with the American Society for Testing and Materials (**ASTM**) Standard Practice E1527-13 and Environmental Protection Agency Standards and Practices for All Appropriate Inquiries (40 CFR Part 312) for the subject property addressed 135, 141 &153 West Avenue 34, and 3401 & 3433 Pasadena Avenue, Los Angeles County, Los Angeles, California 90031 (subject property) per the request of MR Real Estate, LLC. The work was authorized by written contract dated June 19, 2019.

1.1 Purpose

The purpose of a Phase I Environmental Site Assessment is to identify potential issues that may impact the subject property. The purpose of this practice is to define good commercial and customary practice in the United States of America for conducting an environmental site assessment of a parcel of commercial real estate with respect to the range of contaminants within the scope of Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) (42 U.S.C. 9601) and petroleum products. The investigation was conducted in accordance with the *Client's* Environmental Site Assessment scope of work for the use and benefit of the *Client* and the U.S. Small Business Administration (U.S. SBA) if financing is to be authorized by U.S. SBA. As such, this practice is intended to permit a user to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on CERCLA liability (hereinafter, the "landowner liability protections," or "LLPs"): that is, the practice that constitutes "all appropriate inquiry into the previous ownership and uses of the subject property consistent with good commercial or customary practice" as defined at 42 U.S.C. 9601(35)(B).

Controlled substances are not included within the scope of this standard. Persons conducting an environmental site assessment as part of an EPA Brownfields Assessment and Characterization Grant awarded under CERCLA 42 U.S.C. 9604(k)(2)(B) must include controlled substances as defined in the Controlled Substances Act (21 U.S.C. 802) within the scope of the assessment investigations to the extent directed in the terms and conditions of the specific grant or cooperative agreement. Additionally, an evaluation of business environmental risk associated with a parcel of commercial real estate may necessitate investigation beyond that identified in this practice.

The purpose of this report is not intended to include *de minimis* conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. This report is also not intended to serve as a compliance assessment of the subject property.

The ASTM E1527-13 practice DOES NOT address requirements of any state or local laws or of any federal laws other than the all appropriate inquiry provision of the LLPs. Per the ASTM Standard, Users are cautioned that federal, state, and local laws may impose environmental assessment obligations that are beyond the scope of this practice. Users should also be aware that there are likely to be other legal

obligations with regard to hazardous substances or petroleum products discovered on the subject property that are not addressed in the ASTM practice and that may pose risks of civil and/or criminal sanctions for non-compliance.

1.2 Scope of Work

This report has been prepared per the conditions presented in the agreed contract signed by the client. In accordance with ASTM guidelines, FR's scope of work included:

1. Requested user or one deemed most historically familiar with subject property to complete FR's environmental questionnaire.

2. Conducted visual reconnaissance of the subject property and adjoining properties, including site interviews with past or present owners, occupants, tenants, and/or operators if applicable.

3. Requested and researched historical documentation including but not limited to aerial photographs, city directories, topographic maps, interviews, public agency records, and fire insurance maps. Chain-of-title and environmental liens were reviewed if requested or provided by the client/user.

4. Reviewed federal, state, and local regulatory agency database information for the subject property and neighboring properties to identify potential concerns that could adversely affect the environmental condition of the subject property.

5. Prepared a technical Phase I Environmental Assessment report to document the findings regarding the current environmental condition of the subject property. If warranted, the report contains recommendations for further action. In addition to ASTM scope items, the following ASTM non-scope items were discussed and included in the report based upon a limited review: asbestos containing materials, radon, lead-based paint, lead in drinking water, potential wetlands, air emissions, and mold/water intrusion.

ASTM E1527-13 does not encompass analytical testing to evaluate Asbestos Containing Materials (ACM), radon, lead-based paint (LBP), drinking water quality, lead in drinking water, wetlands, regulatory compliance, cultural and historical resources, industrial hygiene, health and safety, ecological resources, endangered species, indoor air quality, biological agents, mold, stored chemicals, debris, fill materials, surface water, or subsurface samples (soil and groundwater) as part of a Phase I ESA. Such additional information regarding non-ASTM E1527-13 issues may be provided merely for the *User's* convenience and cannot be used to bind this report as a whole to the compliance and conformance with ASTM guidelines. No disassembly of systems or building components or physical or invasive testing is to be performed unless Contract Engagement specifically calls for such testing as an additional scope of work. FR Environmental has performed this *Phase I Environmental Site Assessment* in conformance with the scope and limitations of ASTM Practice E1527-13. This *Report* may not include all environmental conditions which can materially impact the Subject Property other than those defined as RECs, HRECs, and CRECs in ASTM E1527-13.

1.3 Significant Assumptions

The following assumptions are made by FR Environmental in this report. FR relied on information derived from secondary sources. FR Environmental has made no independent investigation as to the accuracy and completeness of the information derived from secondary sources including government agencies, the client, designated representatives of the client, property contact, property owner, property owner representatives, computer databases, or personal interviews and has assumed that such information is accurate and complete. FR Environmental assumes information provided by or obtained from governmental agencies including information obtained from government websites is accurate and complete.

Groundwater flow and depth to groundwater, unless otherwise specified by on-site well data, or well data from adjacent sites are assumed based on contours depicted on the United States Geological Survey topographic maps. FR Environmental assumes the subject property has been correctly and accurately identified by the client, designated representative of the client, property contact, property owner, and property owner's representatives.

FR Environmental assumes that the Client, Client representatives, Client Legal Counsel, designated representatives of the Client, property contact, property owner, property owner representatives, and property brokers, used good faith in answering questions and in obtaining information for the subject property as defined in 10.8 of the ASTM E1527-13 practice. This would also include obtaining those helpful documents from previous owners, operators, tenants, brokers, financial institutions etc. FR Environmental also assumes the Client will designate appropriate and knowledgeable people for performance of the Phase I Environmental Assessment.

1.4 Limitations, Data Failures, and Data Gaps

It is important to note that property conditions, as well as federal, state, and local/tribal regulations can change over time. Therefore, the conclusions and information presented in this report apply strictly to regulations and property conditions existing at the time the report was completed. FR Environmental assumes that information provided by local agencies is true. FR Environmental cannot guarantee or warranty that information provided second-hand is accurate to its fullest extent. FR Environmental is not responsible for conditions found at or beneath the subject property or adjacent properties. Accordingly, portions of this report may be invalidated wholly or partially by the changes beyond our control.

The findings, conclusions, and recommendations presented herein are based solely on the scope of work previously described and information gathered. Incomplete or outstanding information identified throughout the body of this report including data gaps is considered a limitation to the assessment. Limitations to the assessment also include weather conditions, vegetation cover, parked cars, trucks, dumpsters, and anything limiting visual observation of or physical access to the subject property and neighboring properties. Vapor intrusion is not included in this scope of services and is considered an

ASTM Non-scope consideration. FR was not contracted to disassemble or perform testing of machinery on-site. This report and scope is not an environmental compliance audit.

Certain policies can differ from lenders or users. For CERCLA landowner liability protection, Phase I ESA reports are valid for 180 days, per ASTM E1527-13.

1.4.1 Limiting Conditions/Deviations

There were no limiting conditions or deviations in the performance of this Phase I ESA.

1.4.2 Data Failures

Data failure is one type of data gap. According to ASTM E1527-13, data failure occurs when all of the standard historical sources that are reasonably ascertainable and likely to be useful have been reviewed and yet the objectives have not been met. Pursuant to ASTM E1527-13, historical sources are required to document property use back to the property's first developed use or back to 1940, whichever is earlier, or periods of five years or greater.

No data failures were identified during this assessment.

1.4.3 Data Gaps

According to ASTM E1527-13, data gaps occur when the Environmental Professional is unable to obtain information required by the Standard, despite good faith efforts to gather such information. Pursuant to ASTM E1527-13, only significant data gaps, defined as those that affect the ability of the Environmental Professional to identify RECs, need to be documented.

No significant data gaps were identified.

1.5 Qualification Statement of Professional

Our investigation was performed using the degree of care and skill ordinarily exercised, under similar circumstances, by or under direct oversight of an environmental professional as defined by the ASTM. FR Environmental's environmental professional who prepared this assessment possesses the specific qualifications based upon education, training and experience to assess a property of the nature, history, and setting of the subject property. Neither FR Environmental, nor any staff member assigned to this investigation has any interest or contemplated interest, financial or otherwise, in the subject or surrounding properties, or in any entity which owns, leases, or occupies the subject or surrounding properties or which may be responsible for environmental issues identified during the course of this investigation, and has no personal bias with respect to the parties involved. FR Environmental has developed and performed the "*All Appropriate Inquiries*" in accordance with the standards and practices as defined in 40 CFR Part 312.

1.6 User Reliance

This investigation was conducted in accordance with the Client's Environmental Site Assessment scope of work for the use and benefit of the Client and assignees. It is based, in part, upon documents, writings, and information owned, possessed, or secured by the Client. Neither this Report, nor any information contained herein, shall be used or relied upon for any purpose by any other person or entity without the express written permission of the Client.

All reports (whether in paper, digital, electronic, or any other formats) are for the sole use and benefit of the Client. Either verbally or in writing, third parties may come into possession of this Report, whether all or part of the information generated. In the absence of a written agreement with Fulcrum granting such rights, no third parties shall have rights of recourse or recovery whatsoever under any course of action against Fulcrum. Unauthorized use of this Report shall constitute acceptance of and commitment to protect, hold and indemnify Fulcrum harmless from any and all claims, damages, losses, liabilities, and expenses (including reasonable attorney's fees) responsibilities, which shall be irrevocable and shall apply regardless of the cause of action or legal theory pled or asserted. Additional legal penalties may apply.

· 2.0 SITE DESCRIPTION ·

2.1 Location and legal description

The subject property, 135, 141 &153 West Avenue 34, and 3401 & 3433 Pasadena Avenue, Los Angeles County, Los Angeles, California 90031, is located on the north side of West Avenue 34 and the west side of Pasadena Avenue, between North Artesian Street (to the west), within a highly-developed light industrial/commercial area. According to the Los Angeles County Tax Assessor's Office, the subject property is assigned the following Assessor's Parcel Numbers (APNs):

Address	APN	Land, sq feet	Building(s), sq feet
135 and 141 West Avenue 34	5205-004-011	157,560	87,980
153 West Avenue 34	5205-004-005	4,800	3,520
3401 Pasadena Avenue	5205-004-003	28,794	4,040 and 9,600
3433 Pasadena Avenue	5205-004-007	28,145	14,315

2.2 General characteristic

The subject property consists of four lots as described in Section 2.1 comprising a total of approximately 219,299 square-foot commercial lot. The parcels are described below based on publicly available information from the Los Angeles County Assessor Portal and site observations.

135 and 141 West Avenue 34

The property at 135 and 141 West Avenue 34 is currently improved with an industrial-commercial building of concrete construction, built in 1977. The building is comprised of two units, each of which includes office and warehouse space. The units are currently occupied by Ortiz Bros. Moving and Storage and Atlas Van Lines, a moving company; Phil's Transfer & Storage, Inc. for storage space; and Studio 34, Inc. for art studio space. Separate entrances and loading bays for the building are located near the southwest corner of the structure, and customer entry is achieved near the southeast corner of the building. Stacked corrugated steel shipping containers are located outside of the building in the parking areas in the south and central areas of the lot. The property features perimeter fencing of variable design, and motorized gate entry to the south along West Avenue 34.

153 West Avenue 34

The property at 153 West Avenue 34 is currently improved with an industrial-commercial building of brick and corrugated steel construction, built in 1929. The building is currently occupied by Ortiz Bros. Moving and Storage. The structure features a front entrance with a garage door for vehicular access along the southern boundary of the site. All other areas are asphalt paved with landscaped areas near the front entrance. Stacked corrugated steel shipping containers are located outside of the building in the parking areas to the north and northwest of the building. The property shares perimeter fencing with 145 and 141 West Avenue 34.

3401 Pasadena Avenue

The property at 3401 Pasadena Avenue is currently improved with an industrial-commercial building of wood-frame, cinderblock, and brick-façade construction on the east side of the parcel, built in 1925. That building is currently occupied by LootCrate, a merchandise wholesaler of apparel, games, accessories, and other various novelty items and collectables; and Call Time Quenchers, a beverage distribution company. Operational areas within the structure are primarily unfinished warehouse space with concrete flooring, utilized for storage of products, finished office/administrative areas with tile flooring and suspended drop-grid ceilings. The office portion of the structure features a split-level design with the second-story utilized for storage.

In the southeast corner of the site is a second industrial-commercial building of corrugated steel construction, built in 1948. The building is currently utilized as a warehouse for dry-goods storage. The exterior of the property is asphalt paved with employee parking. An entrance is located near the southeast corner of the structure. The property also features perimeter chain link fencing with barbed wire and a manual gate for vehicular access along Pasadena Avenue.

3433 Pasadena Avenue

The property at 3433 Pasadena Avenue is currently improved with an industrial-commercial building of wood-frame and cinderblock construction with reinforced steel support beams and a brick façade, built in 1967. The building is also occupied by LootCrate. The building is comprised of office and work area space. The work area is partially finished with concrete and carpet flooring, and the office areas feature tile floors with drop-grid ceilings. The property shares parking areas and perimeter chain link fence with the 3401 Pasadena Avenue property.

All four parcels are together enclosed with fencing of variable design. A railroad corridor with a northeast/southwest alignment is present, parallel and adjacent to the western boundary of the subject property.

2.3 Current property use

The subject property is occupied by the following tenants:

Property Address	Business Name	Business Operation
135 and 141 West Avenue 34	Ortiz Bros. Moving and Storage and Atlas Van Lines Phil's Transfer & Storage, Inc	Moving Company and Commercial Storage Moving Company and Commercial Storage
153 West Avenue 34	Ortiz Bros. Moving and Storage and Atlas Van Lines	Moving Company and Commercial Storage
3401 Pasadena Avenue	LootCrate Quick Time Quenchers	Merchandise Wholesaler Beverage Distributor
3433 Pasadena Avenue	LootCrate	Merchandise Wholesaler

The subject property has been owned by Mr. Eric Ortiz of Ortiz Bros. Moving and Storage since 2000, and has occupied the property since 1993.

2.4 Current adjoining properties description

The subject property is located in a highly-developed, industrial-commercial area of Los Angeles, California. The following land use was observed in the immediate vicinity of the property:

Direction	Property Address	Business Name	Business Operation
North	3505 Pasadena Avenue***	Vacant land, formerly Welch's Uniform Facility	N/A – Vacant Land
East	120 East Avenue 35*** 3412 Pasadena Avenue 3403 Smith Street	Hillside Elementary School N/A - Private Residences N/A – Private Residences	Los Angeles Public Schools N/A - Private Residences N/A - Private Residences
South	170 West Avenue 34 164-166 West Avenue 34 140 West Avenue 34 138 West Avenue 34 134 West Avenue 34 130 West Avenue 34 120 West Avenue 34 118 West Avenue 34 116 West Avenue 34 3305 Pasadena Avenue	N/A – Vacant Fabco Art Services N/A – Private Residence South Bay Catering ACW Apparel N/A – Private Residences Screen Printing & Embroidery N/A – Private Residences N/A – Private Residence Arpine Media Group	Vacant Warehouse Custom Design Company N/A – Private Residence Catering Company Clothing Warehouse N/A – Private Residences Commercial Printing N/A – Private Residences N/A – Private Residence Commercial Printing
West	403 West Avenue 33***	Viertel's Central Division, Los Angeles Police Department	Impoundent Lot & Police Garage

*** Address listed in the Regulatory Records Database (Refer to Section 6.0)

2.5 Municipal Services and Utilities

The provider of municipal services and utilities to the subject property is not known; however, the property was noted to be connected to public water and sewer services.

2.6 Physical Settings

2.6.1 Topography

The United States Geological Survey (USGS), [Los Angeles, California] 7.5 Minute Topographic Quadrangle map of the subject property and surrounding vicinity was reviewed. The elevation of the property is approximately 370 feet above mean sea level (MSL). Topography at the subject property is relatively flat and declines gently to the west towards the nearby Arroyo Seco, a seasonal and generally dry river.

A copy of the USGS 7.5 Minute Topographic Quadrangle Map of Los Angeles, California, is included in the appendices of the report.

2.6.2 Geology/Soil Conditions

The site is located in the Los Angeles basin, within the Downey Plain near the Arroyo Seco, which seasonally drains into the Los Angeles River to the southeast. Surface materials consist of alluvium and channel deposits with poorly graded sand, gravel, and cobbles to depths of to 75 feet below grade.

Based on a site assessment report prepared for Welch's Uniform Service at 3505 Pasadena Avenue, adjacent to and north of the subject property, the site is underlain by sand with trace gravel to 25 feet bgs, below which are sand and gravel mixtures to 55 feet below grade, which transitions to sand from around 55 feet below grade to 80 feet below grade. At approximately 80 feet below grade, the lithology changes to saturated gravel feet to 85 feet, below which is silt to approximately 96 feet below grade, the maximum depth explored (AmeriPride Service, November 2005).

2.6.3 Hydrogeology

The subject property is located within the Los Angeles Coastal Plain; approximately 175 feet west of the Arroyo Seco, and approximately 0.7 miles east of the Los Angeles River, which is a concrete lined storm channel that prevents infiltration of surface water and empties to the Pacific Ocean. Based on the groundwater report monitoring report prepared for the north adjacent property at 3505 Pasadena Avenue in 2005, depth to groundwater is 38-40 feet below grade (AmeriPride Service, November 2005).

Note that groundwater flow direction can be influenced locally and regionally by the presence of local wetland features, surface topography, recharge and discharge areas, horizontal and vertical inconsistencies in the types and location of subsurface soils, and proximity to water pumping wells. Depth and gradient of the water table can change seasonally in response to variation in precipitation and recharge, and over time, in response to urban development such as storm water controls, impervious surfaces, pumping wells, cleanup activities, dewatering, seawater intrusion barrier projects near the coast, and other factors.

· 3.0 PROPERTY RECONNAISANCE ·

3.1 Property Condition Observations

Mr. Eric Ortiz, the subject property Owner, provided full property access to the FR assessor, Mr. Steven Wong, on June 27, 2019. There were no limited property access conditions. The weather conditions were sunny at 72 degrees Fahrenheit. No weather conditions were limiting property observations.

Site characteristics observed by the FR site assessor are described in above Section 2.2.

Please refer to the table below for information on petroleum products, hazardous substances, and/or hazardous wastes observed on the subject property at the time of FR's site visit.

Hazardous Substances/Wastes Observed	Quantity	Location	Spills/Leaks Observed
Propane	8 x 33.5-lb tanks 4 x 20-lb tanks	Under outdoor canopy	No
Gasoline	3 x ~5-gallon jugs	Under outdoor canopy	No

No significant amounts of hazardous substances or processes that generate or handle hazardous wastes were observed on the subject property during FR's site reconnaissance. No Recognized Environmental Conditions (RECs) were observed during the site reconnaissance.

3.2 ASTM Reconnaissance Findings

Recognized Environmental Conditions (RECs) - In defining a standard of good commercial and customary practice for conducting an environmental site assessment of a parcel of property, the goal of the processes established by this practice is to identify recognized environmental conditions. The term recognized environmental conditions means the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the subject property or into the ground, ground water, or surface water of the subject property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include *de minimis* conditions that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be *de minimis* are not recognized environmental conditions.

FR conducted a visual review and observation of the subject property and adjoining properties per ASTM Scope Considerations listed below.

Item	Identified
Hazardous Substances and Petroleum Products in Connection with Identified Uses	4 x 20-lb propane tanks; 8 x 33.5-lb propane tanks for forklift operation; and small amounts of gasoline for automotive operation. No leaks, spills, or staining were observed in relation to the petroleum products present on the subject property. No significant amounts of hazardous substances or petroleum products were observed to be used in connection with current business operations.
Aboveground & Underground Hazardous Substance or Petroleum Product Storage Tanks (ASTs / USTs)	None identified
Fueling systems	None identified
Pungent or Noxious Odors	None identified
Pools of Liquid	None identified
Drums or Other Containers of Hazardous Substances or Petroleum Products	None identified
Unidentified hazardous substances or petroleum products not in connection with property use	None identified
Unidentified substance containers	None identified
Machinery or equipment likely containing PCBs	None identified
Significant surface staining on interior or exterior portion of property	None identified
Heating/Cooling Equipment with Observed Fuel Sources	None identified
Drains and Sumps	Several floor drains were observed in the bathrooms of the subject property buildings in addition to one floor drain in the warehouse associated with the address 3401 Pasadena Avenue. Due to locality and lack of observed business operations and/or processes that generate or handle hazardous wastes or materials, the observed floor drains are not expected to represent significant point source features for groundwater contamination.

Item	Identified
Regulated or Unregulated Waste Water Discharge	A three-stage clarifier was observed in the southwest portion of the main subject building behind the canopy. According to Mr. Eric Ortiz, subject property Owner, the clarifier has been present on the property since purchase and has not been in use by current business operations. The clarifier appears to be dry and unused. Two former groundwater (GW) monitoring wells were recently closed that are located to the south of the southwest portion of the property on Avenue 34. Due to the lack of reported releases and/or observed business operations that generate or handle hazardous wastes or materials, the clarifier is not expected to represent a significant environmental concern. FR suggests that if there's no planned future uses of the clarifier; it should be properly removed from the subject property.
Pits, Ponds, or Lagoons	None identified
Stockpiled Soils with Visual Evidence of Contamination	None identified
Questionable Fill Material (unknown origin) or Visual Evidence of Buried Wastes	None identified
Septic Systems	None identified
Wells	None identified
Stressed Vegetation	None identified
Surficial Disturbance	None identified
Biohazardous Wastes	None identified
Herbicide or Pesticide Use	None identified
Dry-cleaning Operation	None identified
Other	None identified

3.3 ASTM Non-Scope Considerations

Unless authorized per the user's request, FR did not engage in conducting sampling or an assessment beyond a visual review of the ASTM Non-Scope Considerations. FR conducted a visual review of the following ASTM Non-Scope Considerations included in this assessment:

ASTM Non-Scope Item	Identified
Asbestos-Containing-Materials (ACMs)	Based on the construction date (1929-1977), asbestos-containing building materials could be present. An ACM survey was not included in the current scope of services.
Lead-based paint (LBP)	Based on the construction date (1929-1977), lead-based paints could be present. A LBP survey was not included in the current scope of services.
Radon	A review of the EPA's Map of Radon Zones indicates that Los Angeles County falls within Zone 2, a zone of moderate radon potential. Counties located within Zone 2 have a predicted average indoor radon screening level of between 2 and 4 picocuries per liter (pCi/L), equal to or below the EPA's radon action level of 4 pCi/L for residential structures. A radon survey was not included in the current scope of services.
PCB-oil in hydraulic equipment, ballasts, switcher, transformers, etc.	A caged pad-mounted transformer was observed in the southwest portion the subject property. There were no signs of oil leaks or staining at the base of this pad-mounted transformer that would present an immediate adverse impact to the environmental integrity of the subject site. Several pole-mounted transformers were observed on the subject property. Any transformers related to the power-pole are operated by the Southern California Edison. In the event of a release of dielectric fluid from one of its transformers, the utility company typically performs the cleanup. A PCB survey was not included in the current scope of services.
Lead in Drinking Water	A lead in drinking water survey was not included in the current scope of services.
Flood Zone	Based on a review of a flood zone map contained in the EDR Radius Map Report, the subject property is located within a 500-year flood zone.
Mold and Indoor Air Quality Issues	No obvious indications of water damage or mold growth were observed during FR's visual inspection.

Asbestos Containing Material

Asbestos-containing material (ACM) represents a concern when it is subject to damage that results in the release of fibers. Friable ACM, which can be crumbled by hand pressure and is therefore more susceptible to damage, is of particular concern. Non-friable ACM is a potential concern if it is damaged by maintenance work, demolition or other activities.

For buildings constructed prior to 1981, the Code of Federal Regulations (29 CFR 1926.1101 and 29 CFR 1910.1001) define presumed asbestos-containing material (PACM) as 1. Thermal System Insulation (TSI), e.g., boiler insulation, pipe lagging, fireproofing; and 2. Surfacing Materials, e.g., acoustical ceilings. Building owners/employers are responsible for locating the presence and quantity of PACM. Building Owners/employers can rebut installed material as PACM by either having an inspection in accordance with Asbestos Hazard Emergency Response Act (AHERA) (40 CFR Part 763, Subpart E) or hiring an accredited inspector to take bulk samples of the suspect material.

Typical materials not covered by the presumptive rule include but are not limited to: floor tiles and adhesives, wallboard systems, siding and roofing. Building materials such as wallboard systems may contain asbestos but unless a building owner/employer has specific knowledge or should have known through the exercise of due diligence that these other materials contain asbestos, the standard does not compel the building owner to sample these materials.

The information below is for general informational purposes only and does not constitute an asbestos survey. In addition, the information is not intended to comply with federal, state or local regulations pertaining to ACMs.

Due to the age of the subject buildings (1929-1977), there is a potential that presumed ACMs are present within the subject building. The table below describes the type of material, location, friability, and condition of the suspect ACMs found within the subject building. The table below is not comprehensive as to each and every building material but is intended to provide a general summary based on the limited site reconnaissance.

Material	Location	Friable	Condition
Drywall systems	3433 Pasadena Avenue 135/141 West Avenue 34	No	Good
Roofing Systems	Roof	No	Not inspected

An asbestos building materials inspection was not included in the scope of service agreement with FR. Accordingly; no samples of the suspect materials were taken. At the time of the inspection, all of the materials appeared to be intact and undisturbed (that is, they appeared to be in a non-friable and/or good condition) and, thus, do not pose an immediate environmental concern. Still, these materials may become hazardous if they in fact contain asbestos and are subsequently damaged or disturbed, as, for example, in the course of remodeling. Asbestos-containing materials are considered to be hazardous materials, and their eventual disposal and handling are subject to federal and state regulatory guidelines.

Currently, there are no regulations requiring the removal of ACM unless it will be disturbed during renovation, repairs, or demolition. The USEPA recommends that as long as the ACM does not pose an imminent health threat, the materials can be managed under an Operations and Maintenance (O&M) Plan.

Historical Summary Table		
Historical Source	**Reference**	**Dates Obtained**
Aerial Photographs	EDR	1923-2016
Sanborn Map Company Fire Insurance Maps	EDR	1906-1971
Property Tax File	Los Angeles County Assessor's Office	2019
Recorded Land Title Records	Not reviewed	N/A
USGS 7.5 Minute Topographic Maps	EDR	1894-2012
Local Street Directories (city directories)	EDR	1920-2014
Building Department Records	City of Los Angeles Building Department	1905-2014
Zoning/Land Use Records	Los Angeles County Assessor's Office	2019
Previous Reports	Phase I ESA prepared by Orswell & Kasman, 2012 Phase I ESA Update prepared by Orswell & Kasman, 2015	2012, 2015
Other Historical Sources	Newspaper articles	N/A
	Other historical sources	N/A

4.1 Historical Aerial Photographs Review

FR reviewed historical aerial photographs supplied by EDR and dated 1923 through 2016. A summary of historical aerial photographs researched is listed below.

Dates	Description
1923	The north, west, and central portions of the site are developed with industrial structures and access roads. The eastern and southern portions of the property are developed with approximately 20 smaller structures on lots which appear residential. Beyond the subject property lies vacant land to the east, vacant land, and the Arroyo Seco, which has the geomorphology of a braided stream feature. Pasadena Avenue and private residences are present to the east and southeast. West Avenue 34 and private residences are present to the south. Adjacent to and west of the subject property is a railroad corridor, which runs parallel to the western boundary of the subject property with a northeast / southwest alignment. The northern adjacent property appears industrial with several large structures. The surrounding area is primarily residential, with industrial-commercial properties to the southeast and northwest.

Dates	Description
1928	The central portion of the subject property is cleared and vacant, with one remaining industrial structure within the west-central area of the site. Aside from a mid-sized industrial structure in the southwest area of the property, he west and south areas remain residential in use and generally unchanged from 1923. Beyond the subject property, the north and west adjacent properties appear further developed with large industrial structures, and the south and east adjacent properties appear residential in use and generally unchanged from 1923.
1938	The industrial structure the west-central area of the site is no longer present in 1938, and the north and west-central areas appear cleared and vacant. The south and east areas of the subject property remain residential, with the exception of an industrial structure near the southeast corner of the property. Beyond the subject property, there are further developments to the north and west adjacent property. Aside from the development of Hillside Elementary School to the east, the adjacent properties to the east and south remain residential and generally unchanged from 1923. Further to the north and west is the Arroyo Seco, which is a constructed canal in 1938, a stark contract to the natural braided stream geomorphological feature depicted in 1928.
1948, 1952	There are six additional industrial structures on the subject property in 1948 compared to 1938. The structures include five towards the north and central areas of the property, and one in the southeast corner. Beyond the subject property are new industrial structures to the north, and outdoor storage yards to the east. The remaining areas to the south and east, and vicinity of the subject property appear generally unchanged from 1923. Arroyo Seco
1964, 1970	The site is completely industrial-commercial in use in the 1964 aerial photograph with approximately 10 industrial structures. All residential structures previously described at the subject property are no longer present, and the remainder of the property appears paved with parking and exterior storage areas. Beyond the subject property, conditions in the surrounding areas appear generally consistent with conditions with those described in 1952.
1977	Most of the site appears vacant and graded in 1977 compared to the 1970 aerial photograph. The only remaining structures from those previously described include the structures along Pasadena Avenue in the western portion of the site (present-day 3401 & 3433 Pasadena Avenue), and a single industrial structure in the southwest corner of the site (present-day 153 West Avenue 34). The remaining areas are graded and vacant land, and the present-day structure addressed 135 and 141 West Avenue 34 is not present. Additional changes in areas beyond the subject property include industrial structures to the southwest and southeast; and the east adjacent property appears vacant graded land. There are no significant changes to adjacent properties north and west of the subject property.

Dates	Description
1983, 1989, 1994, 2002, 2005, 2009, 2012, 2016	The subject property is developed with its present-day structures and general configuration in 1983. There are few changes in the subsequent aerial photographs from 1989 through 2016 to the subject property, or to the properties to the east, and south. The north adjoining property is developed with large industrial structures in 1983 and 1989, which is no longer present in the 1994 aerial photograph. The west adjoining property appears to be a parking lot with no discernable structure until 2012 with the appearance of an industrial structure near the center and western portion of the property.

No environmental concerns were noted on the subject property or adjoining properties.

4.2 Historical Sanborn Map Coverage Review

Sanborn Map Company maps were created for insurance underwriters from 1867 to 1970, and often contain information regarding the uses of individual structures, and the locations of fuel and/or chemical storage tanks that may have been on a particular property. FR subcontracted with EDR to provide copies of Sanborn Map Company maps.

A summary of historical Sanborn map coverage researched is listed below.

Subject Property addresses include the following: On West Avenue 34: 119, 139, 141, 143, 145, 147, 149, 153, and 157 On Pasadena Avenue: 3403, 3407, 3417, 3419, 3423, 3429, 3431, and 3437		
Date	**Description**	
1906	**Subject Property**	The subject property is depicted with primarily residential properties along the eastern and southern boundaries of the property. The structures appear residential with the exception of a shop located at 3419 Pasadena Avenue. The remainder of the subject property appears vacant and undeveloped.
	Adjoining Properties	The parcels north of the subject property are primarily vacant, with one residence addressed 3441 Pasadena Avenue to the north of the subject property. The railroad spur along the western boundary of the subject property is developed and labeled Atchison Topeka & Santa Fe R.R. Main Line and San Pedro Los Angeles & Salt Lake City R.R. Main Line, beyond which is vacant land andthe Arroyo Seco. The adjoining properties south and east are depicted as developed with primarily residential structures, with the exception of a store located just south of the subject property at the corner of West Avenue 34 and Pasadena Avenue and addressed 3019 and 3021 Pasadena Avenue.

Subject Property addresses include the following: On West Avenue 34: 119, 139, 141, 143, 145, 147, 149, 153, and 157 On Pasadena Avenue: 3401 (3403), 3407, 3411, 3417, 3419, 3423, 3425, 3429, 3431, 3437, 3439, and 3441		
Date	**Description**	
1920	**Subject Property**	The subject property is depicted with primarily residential properties along the eastern and southern boundaries of the property, as described in 1912. The structures appear residential with the exception of a bakery located at 3419 Pasadena Avenue. Many of the residences have auto garages. The formerly vacant areas from 1912 are developed in 1920 with structures associated with Los Angeles Rock & Gravel Co at the address 3441 Pasadena Avenue, which extends north beyond the subject property boundaries to West Avenue 35. The structures include: an outhouse; an office addressed 3439 Pasadena Avenue; an auto garage with truck and loading ramp labeled "Tunnel Under Rock Pile; a large auto garage with an oil and grease house, tool shed, and a small unlabeled structure near the center of the subject property. There is an alley traversing the property between the industrial operations at the Los Angeles Rock & Gravel occupied area from the residential properties along Pasadena Avenue. The alley connects West Avenue 45 to West Avenue 34, and extends beyond the subject property between West Avenue 34 and West Avenue 33.
	Adjoining Properties	The north adjoining property is occupied by Los Angeles Rock & Gravel Co structures at the address 3441 Pasadena Avenue, which extend south into the subject property. The structures in the north adjoining property include a mixing house with rock storage; a rock crusher; an electrical utility shed; a chute for loading trucks; a well pumphouse; and additional rock crusher and chute with an electric utility shed. There are residential structures on the remaining adjoining parcels to the north along Pasadena Avenue and West Avenue 35. There are no significant changes to the south, east, and west adjoining property in 1920.

Subject Property addresses include the following: On West Avenue 34: 119, 123, 129, 133, 139, 141, 145, 149, 153, 155, and 169 On Pasadena Avenue: 3401, 3407, 3415, 3417, 3419, 3421, 3423, 3425, 3429, 3431, 3437		
Date	**Description**	
1951	**Subject Property**	The subject property is depicted with primarily residential properties along the eastern and southern boundaries of the property, as described in 1912 and 1920, with the following exceptions: there is a metal working & spinning shop at 153 West Avenue 34 (the present-day structure); the southwest corner of the subject property has been redeveloped from residential plots to an expansion of the bakery, which is comprised of 101 and 111 West Avenue 34, as well as 3401 (present-day structure), 3407, 3415, 3417, and 3419 Pasadena Avenue; and there is an office at the 3421 Pasadena Avenue address. The north, west, and central areas of the property which were occupied by Los Angeles Rock & Gravel Co. in 1920 are redeveloped with six structures different from those previously described, and are occupied by Steel Framing & Building Corporation in 1951 at the address 169 West Avenue 34. The structures include: four office buildings; a shop and warehouse; a steel storage yard; and a large workshop. In addition, a portion of one of the buildings associated with Welch's Overall & Uniform Cleaning extends into the subject property boundaries. The
	Adjoining Properties	The north adjoining property is redeveloped from the previous 1920 Sanborn Map and is occupied by Welch's Overall & Uniform Cleaning in 1951. The west adjoining property is developed with four structures labeled Alliance Lumber & Investment Co. The south and east adjoining properties are generally unchanged from 1920, with the exception of the development of Hillside School to the east of the subject property.

Subject Property addresses include the following: On West Avenue 34: 141, 153, 155, and 169 On Pasadena Avenue: 3401, 3415, 3417, 3419, 3433, 3437		
Date	**Description**	
1970	**Subject Property**	The subject property is redeveloped in 1970, with only one remaining residential structure at 155 West Avenue 34. The present-day structure at 153 West Avenue 34 is labeled General Manufacturing. There is a parking lot at 141 West Avenue 34. The present-day structure at 3401 Pasadena Avenue is labeled Sheet metal shop and woodworking (iron). The addresses 3415, 3417, and 3419 Pasadena Avenue are occupied by a structure comprised of a workshop, storage area, and machine shop. The present-day structure at 3433 Pasadena Avenue is depicted and labeled Metal Stamping. The 3437 Pasadena Avenue address is occupied by a parking lot. The six structures within the north, west, and central areas of the property addressed 169 West Avenue 34 are generally unchanged from 1951, but occupied by ITT Cannon Electronics Inc. in 1970, and the buildings are used for offices, electronics manufacturing, and manufacturing assembly plating & shipping. There remaining areas of the property are occupied by parking lots accessible by West Avenue 34 to the south, and the previously described alley traversing the property from north to south.
	Adjoining Properties	The north adjoining property is occupied by Welch's Overall & Uniform Cleaning in 1970, and has expanded to include the previously residential structures to the east along Pasadena Avenue. The west adjoining property is generally vacant in 1970, with two small structures labeled storage and vac. The south adjoining properties are partially redeveloped to accommodate a parking lot addressed 152 West Avenue 34. The other properties south of the subject property appear generally unchanged from 1951. The east adjoining properties are generally unchanged from 1951, with the exception of the expansion of Hillside School to the east of the subject property, which includes additional areas for classroom space south and west of the original building in 1970.

The north adjoining property addressed 3505 Pasadena Avenue was listed under Welch's Industrial Uniforms, a laundering business, for the years 1924 through 2010, and is further discussed in Section 6.0 of this report.

No other environmental concerns were noted on the subject property or surrounding sites.

4.3 Property Tax File

Based on a review of the Los Angeles County Tax Assessor's parcel information system, the subject property APNs and legal descriptions are summarized as follows:

Address	APN	No. of Buildings	Legal Description
135 and 141 West Avenue 34	5205-004-011	1	LOT COM AT MOST N COR OF LOT 2 TR NO 23801 TH SE ON NE LINE OF SD LOT 326.55 FT TH S 14¢21'15" W 140.01 FT TH S 9¢ 45'05" W 48.51 FT TH S AND FOLLOWING BDRY LINE OF SD LOT TO W LINE OF LOT 61 WHITTAKER RICHARDSON AND ERNEST SUB OF LOTS 2 AND 3 GRIFFIN TR TH S ON SD W LINE TO NE LINE OF AVE 34 TH NW THEREON TO SE LINE OF L A AND S L R R R/W TH NE THEREON TO BEG LOT 62 AND POR OF LOTS 64 AND 65 WHITTAKER RICHARD- SON AND ERNEST SUB OF LOTS 2 AND 3 GRIFFIN TR AND *POR OF LOT 2 TR NO 23801
153 West Avenue 34	5205-004-005	1	WHITTAKER,RICHARDSON AND ERNEST SUB OF LOTS 2 AND 3 GRIFFIN TR LOT 61
3401 Pasadena Avenue	5205-004-003	2	TRACT NO 23801 LOT 3
3433 Pasadena Avenue	5205-004-007	1	TRACT NO 23801 LOT COM AT MOST E COR OF LOT 2 TH SW ON NW LINE OF PASADENA AVE TO NE COR OF LOT 3 TH NW ON NE LINE OF SD LOT 3, 149.37 FT TH N 9¢45'05" E 48.51 FT TH N 14¢21'15" E TO NE LINE OF SD LOT 2 TH SE THEREON 149.3 FT TO BEG PART OF LOT 2

The property is classified as *industrial* in nature.

4.4 Recorded Land Title Records

Title records were not provided to FR for review.

4.5 USGS 7.5 Minute Topographic Maps

FR reviewed historical USGS 7.5 Minute Topographic Maps supplied by EDR. A summary of historical USGS 7.5 Minute Topographic Maps researched is listed below.

Property Topographic Quadrangle: Los Angeles, California

Dates	Description
1894, 1896, 1900	The subject property is depicted as partially developed with small residential structures along the eastern and southern portions of the property. The central, north, and west areas of the subject property are undeveloped, and there is a small depression near the northeast boundary of the subject property. The present-day railroad corridor is depicted along the western boundary of the subject property, and is within the Arroyo Seco according to the map. Pasadena Avenue and West Avenue 34 are present, and the adjoining properties to the south and east are developed. Areas north of the subject property are undeveloped and labeled Arroyo Seco. The region is identified as East Los Angeles.
1926, 1928	There are new industrial structures depicted on the subject property, and a small closed depression is also depicted near the northeast boundary of the subject property, likely related to the sand and gravel company operations identified in the 1920 Sanborn Map. The east and south portions of the subject property appear developed with a mixture of residential and industrial/commercial structures. Beyond the subject property are new industrial structures to the north, and additional residential developments to the south, and the surrounding area appears further developed in 1926.
1953,1966, 1972, 1981, 1994, 2012	The subject property and adjoining properties are within red shaded areas indicating urban developed areas of Los Angeles. The Arroyo Seco is depicted as an engineered canal, and Pasadena Freeway (Route 66) is present further to the north/west of the subject property.

No environmental concerns were noted on the subject property or surrounding sites.

4.6 Historical City Directory Listings

FR reviewed historical city directory listings provided by EDR for the years 1920 to 2014 for the subject property.

A summary of historical city directory records researched is listed below.

135 West Avenue 34 – Subject Property	
Date Range	**Description**
1990	CONSOURCE WEST PRO ALLOY INC
2006	AMER MEDICAL ORITZTRANSFER&STORAGE WHOLESALE
2010	ORTIZ TRANSFER AND STORAGE PERFUME RAMA S 34 SELECT STORAGE STUDIO 34 INC

135 West Avenue 34 – Subject Property	
Date Range	**Description**
2014	STUDIO 34 INC

141 West Avenue 34 – Subject Property	
Date Range	**Description**
1990	AMERICAN CASTER CORP
2006	MOVING&STORAGE ORTIZ BROTHERS SELECT STUDIO SELECT 34 INC
2010	ALBA DESIGN WORKS INC ED1125 LLC HISTORIC LINCOLN HEIGHTS IND OUTER DIMENSION SBLSS INC SELECT STORAGE INC
2014	OUTER DIMENSION SELECT STORAGE INC

153 West Avenue 34 – Subject Property	
Date Range	**Description**
1957	SANDCAST FOUNDRY
1981	PRICE G T PRODUCTS INC
1990	PILE WM PRINTING
2010	ZALEWSKI JAMES
2014	ZALEWSKI JAMES

3401 Pasadena Avenue – Subject Property	
Date Range	**Description**
1924	Arthem Jas furn fnshr h Needham Martha wid E N r
1929	Anthor Jas cabtmkr
1990	BAKER BOB PRODUCTIONS BATTJES YOUNG ASSOCIATES

3401 Pasadena Avenue – Subject Property	
Date Range	**Description**
2000	LITHO WERKS INC UNITD FILM LAMINTNG
2006	LAMINATING INC UNITD FINISHING
2010	SWEET SCIENCE UNITED FINSHG & LAMINATING INC WATER WELLNESS CENTER
2014	WATER WELLNESS CENTER

3433 Pasadena Avenue – Subject Property	
Date Range	**Description**
1971	SMITH MAILER INC
1986	CALIF FG ENTERPRISES INC
1990	LUCKY TEXTILE INC
2000	POLYSEW INC

119 West Avenue 34 – Historical Subject Property Address	
Date Range	**Description**
Not listed	

123 West Avenue 34 – Historical Subject Property Address	
Date Range	**Description**
Not listed	

129 West Avenue 34 – Historical Subject Property Address	
Date Range	**Description**
1981	CAMOFLAGE FABRICS & WALL COVERING INC
2000	XXXX

133 West Avenue 34 – Historical Subject Property Address	
Date Range	**Description**
Not Listed	

139 West Avenue 34 – Historical Subject Property Address	
Date Range	**Description**
Not Listed	

143 West Avenue 34 – Historical Subject Property Address	
Date Range	**Description**
Not Listed	

145 West Avenue 34 – Historical Subject Property Address	
Date Range	**Description**
Not Listed	

147 West Avenue 34 – Historical Subject Property Address	
Date Range	**Description**
Not Listed	

149 West Avenue 34 – Historical Subject Property Address	
Date Range	**Description**
Not Listed	

155 West Avenue 34 – Historical Subject Property Address	
Date Range	**Description**
Not Listed	

157 West Avenue 34 – Historical Subject Property Address	
Date Range	**Description**
Not Listed	

169 West Avenue 34 – Historical Subject Property Address	
Date Range	**Description**
Not Listed	

3403 Pasadena Avenue – Historical Subject Property Address	
Date Range	**Description**
Not Listed	

3407 Pasadena Avenue – Historical Subject Property Address	
Date Range	**Description**
1924	Nowacki John W mach h

3411 Pasadena Avenue – Historical Subject Property Address	
Date Range	**Description**
1929	KNIGHT Margt E KNIGHT Walter W Margt prntr

3415 Pasadena Avenue – Historical Subject Property Address	
Date Range	**Description**
Not Listed	

3417 Pasadena Avenue – Historical Subject Property Address	
Date Range	**Description**
1929	CUBBISON CRACKER CO H G Cubbison Mfrs of Cubbisons Flaxseed Crackers and Other Health Food Products

3419 Pasadena Avenue – Historical Subject Property Address	
Date Range	**Description**
1924	Dent Mark h Cubbison Harry G bakery

3419 Pasadena Avenue – Historical Subject Property Address	
Date Range	**Description**
1951	Pasadena Ave Cubbison Cracker Co
2000	XXXX

3421 Pasadena Avenue – Historical Subject Property Address	
Date Range	**Description**
1929	Legg Harry G Jessie mach

3423 Pasadena Avenue – Historical Subject Property Address	
Date Range	**Description**
1924	Condra Cath L Mrs artist r Condra Aaron M real est Condra Ralph J surveyor r
1929	Condra Aaron M Cath W slsmn Cabany J baker
1951	Pasadena Ave Condra A M r

3425 Pasadena Avenue – Historical Subject Property Address	
Date Range	**Description**
1924	SMITH Jos tailor r SMITH Conrad tailor h
1929	SMITH Jos C guard r SMITH Conrad Josephine tailor h
1933	SMITH Frances clk

3429 Pasadena Avenue – Historical Subject Property Address	
Date Range	**Description**
1924	Skillen Eileen clk r Skillen Edna N insp H W Lawson Mfg Co r Skillen Doris clk r Skillen Saml E buyer B E Dyas Co h HUMPHREYS Doris V clk r

3431 Pasadena Avenue – Historical Subject Property Address	
Date Range	**Description**
1924	DUNCAN Floyd plastr r DUNCAN Jas plastr h Duncan carroll student r
1929	NEWBY Roy L Agnes wtchmn

3437 Pasadena Avenue – Historical Subject Property Address	
Date Range	**Description**
1924	Parmenter Jay G electr h
1929	Wees Earl M Alma R collr L A G & E Corp r Wees Milton E Marian miner h

3439 Pasadena Avenue – Historical Subject Property Address	
Date Range	**Description**
1924	LOS ANGELES ROCK & GRAVEL CO INC Henry W Hawley Pres Ray L Hawley V Pres Millard A Schweltzer Sec Treas

3441 Pasadena Avenue – Historical Subject Property Address	
Date Range	**Description**
Not Listed	

3505 Pasadena Avenue - Northern Adjoining Property	
Date Range	**Description**
1937	WELCHS OVERALL CLEANING CO INC M M Welch Pres and Genl Mgr Uniforms Only
1942	WELCHS OVERALL AND UNIFORM CLEANING CO Why Buy We Supply Coveralls Shop Coats Pants Shirts Etc Wiping Towel Dept
1951	Pasadena Ae Welch Overall Clning Co Inc Pasadena Av Welchs Wiping Towel Serv Pasadena Av Overall Clning Co Inc Pasadena Av Welch Overall Clning Co Inc Pasadena Av Service Paper Towel
1957	WELCHS OVERALL CLEANING CO INC
1958	WELCHS OVERALL CLEANING CO INC Pur O Serve Linen Supply Co Block Leonard W Welches Overall Clning Co Inc
1966, 1970, 1975	WELCHS INDUSTRIAL UNIFORM & WIPING TOWELS

3505 Pasadena Avenue - Northern Adjoining Property	
Date Range	**Description**
1980	WELCHS UNIFORM RENTAL PASADENA AVE LOS ANGELES
1981, 1985	WELCH S UNIFORM RENTAL
1986	WELCH S UNIFORM RENTAL WELCH S OVERALL CLEANING CO INC SEE WELCH S UNIFORM RETAL
1990	WELCH S OVERALL CLEANING CO INC WELCH S UNIFORM RENTAL
2000	WELCHS Cyril
2010	Garcias Cutting Service Inc

403 West Avenue 33 - Western Adjoining Property	
Date Range	**Description**
2000	MERCER Art

120 East Avenue 35 – Eastern Adjoining Property	
Date Range	**Description**
1990, 2000	HILLSIDE ELEMENTARY SCHOOL
2006	SCHOOL HILLSIDE ELEMENTARY
2010, 2014	LOS ANGELES UNIFIED SCHOOL DIST

3412 Pasadena Avenue – Eastern Adjoining Property	
Date Range	**Description**
1951	Pasadena Monday B r
1981, 1986	ALARCON M
2000	BECCERA Mac Arlo
2006	o BECERRAMacario
2014	BECERRA MACARIO

3403 Smith Street – Eastern Adjoining Property	
Date Range	**Description**
1933	Keith Geo Ruth plater
1937	Gordy Duval L Evelyn auto mech
1962	De La Cruz Marcelina De La Cruz Alfredo A
1981	FELIX RAFAEL
1990	DEL CID ANA EUGENIA
2000	CHEN Shiann ROSALES Adela
2006	No Current Listing

116 West Avenue 34 – Southern Adjoining Property	
Date Range	**Description**
1990, 2000, 2006	HERRERA V G

118 West Avenue 34 – Southern Adjoining Property	
Date Range	**Description**
2000	HERRERA Vera
2006	MORALES Juan F o HERRERAVera

120 West Avenue 34 – Southern Adjoining Property	
Date Range	**Description**
2000	AVENUE 34 W 90031 CONT LEPORE Joseph

130 West Avenue 34 – Southern Adjoining Property	
Date Range	**Description**
1990	RIVERA CARMEN
2006	00X
2010, 2014	THANKSGIVING INC

134 West Avenue 34 – Southern Adjoining Property	
Date Range	**Description**
1986	ISHIZAKI STUDIOS
2000	G M L APPAREL INC LEPORE Joseph
2006	PTS APPAREL INC
2010	A C W APPAREL
2014	A C W APPAREL GML APPAREL INC

138 West Avenue 34 – Southern Adjoining Property	
Date Range	**Description**
1990	ARGUS TOOL MANUFACTURING FIRE EQUIP
2000	TERES FASHION DUARTE Teresa
2006	LASVILLAS TERES FASHION
2010	TERES FASHION INC

140 West Avenue 34 – Southern Adjoining Property	
Date Range	**Description**
2000, 2006	BARRIOS David

164 West Avenue 34 – Southern Adjoining Property	
Date Range	**Description**
2000	XXXX
2010, 2014	WATER LAND INC

166 West Avenue 34 – Southern Adjoining Property	
Date Range	**Description**
1990	SMART SAVER

166 West Avenue 34 – Southern Adjoining Property	
Date Range	**Description**
2000	WIN LEE INC WIN LEE FASHION SPINKA Thomas
2006	WATERLANDING

170 West Avenue 34 – Southern Adjoining Property	
Date Range	**Description**
1990	COVA IGNACIO AUTO REPRNG
2000	XXXX

The north adjoining property addressed 3505 Pasadena Avenue was listed under Welch's Industrial Uniforms, a laundering business, for the years 1924 through 2010, and is further discussed in Section 6.0 of this report.

No other environmental concerns were noted on the subject property or adjoining properties.

4.7 Building Department Records

FR visited the City of Los Angeles Building and Safety Department on June 27, 2019 and researched historical building records for the subject property. A summary of historical building department records is provided in the table below.

Subject Property Building Records, Pasadena Avenue Addresses		
Years	**Address**	**Description**
1905	3433 Pasadena Avenue APN 5205-004-007	Building Permit
1906	135 and 141 West Avenue 34 APN 5205-004-011	Building Permit – Bldg New (4)
1906	3433 Pasadena Avenue APN 5205-004-007	Building Permit – Bldg New
1910	3411 Pasadena Avenue	Application for Erection of Frame Building
1911	3433 Pasadena Avenue APN 5205-004-007	Building Permit – Bldg – Alter / Repair
1912	3433 Pasadena Avenue APN 5205-004-007	Building Permit – Bldg – Alter / Repair
1914	135 and 141 West Avenue 34 APN 5205-004-011	Building Permit – Bldg – Alter / Repair

Subject Property Building Records, Pasadena Avenue Addresses		
Years	**Address**	**Description**
1916	135 and 141 West Avenue 34 APN 5205-004-011	Building Permit – Bldg – Alter / Repair
1916	135 and 141 West Avenue 34 APN 5205-004-011	Building Permit – Bldg New
1925	135 and 141 West Avenue 34 APN 5205-004-011	Building Permit – Bldg New
1928	135 and 141 West Avenue 34 APN 5205-004-011	Building Permit
1929	135 and 141 West Avenue 34 APN 5205-004-011	Building Permit
1931	3419 Pasadena Avenue	Disclosure of Ownership of property since 1919 by Sophia Cubbison
1937	3433 Pasadena Avenue APN 5205-004-007	Building Permit – Bldg New
1951	3433 Pasadena Avenue APN 5205-004-007	Building Permit – Bldg – Alter / Repair
1953	135 and 141 West Avenue 34 APN 5205-004-011	Building Permit – Bldg – Alter / Repair
1953	135 and 141 West Avenue 34 APN 5205-004-011	Building Permit – Bldg New
1955	3411 Pasadena Avenue	Certificate of Occupancy, Cubbisons Bakery
1955	135 and 141 West Avenue 34 APN 5205-004-011	Building Permit – Bldg – Alter / Repair (2)
1956	3433 Pasadena Avenue APN 5205-004-007	Building Permit – Bldg – Alter / Repair
1956	135 and 141 West Avenue 34 APN 5205-004-011	Building Permit – Bldg – Alter / Repair (5)
1956	135 and 141 West Avenue 34 APN 5205-004-011	Building Permit – Bldg New
1957	135 and 141 West Avenue 34 APN 5205-004-011	Building Permit – Bldg – Alter / Repair
1961	135 and 141 West Avenue 34 APN 5205-004-011	Building Permit – Bldg – Alter / Repair
1967	3433 Pasadena Avenue APN 5205-004-007	Building Permit - Grading
1967	3433 Pasadena Avenue APN 5205-004-007	Building Permit – Grading – Bldg Addition
1967	3433 Pasadena Avenue APN 5205-004-007	Building Permit – New Construction
1967	3419 Pasadena Avenue	Termination of Covenant and Agreement because building code no longer requires an Exit Court Agreement
1967	3419 Pasadena Avenue	Termination of Covenant and Agreement because the property has been rezoned from C-3 to M-1 and loading space is not required

Subject Property Building Records, Pasadena Avenue Addresses		
Years	**Address**	**Description**
1967	3433 Pasadena Avenue APN 5205-004-007	Grading – Department Letter
1967	3433 Pasadena Avenue APN 5205-004-007	Grading – Compaction File (4)
1968	3433 Pasadena Avenue APN 5205-004-007	Certificate of Occupancy
1974	3433 Pasadena Avenue APN 5205-004-007	Building Permit – Bldg Addition
1974	3433 Pasadena Avenue APN 5205-004-007	Commission – BAAB Board File
1974	135 and 141 West Avenue 34 APN 5205-004-011	Affidavit – Oversized Building (3)
1974	135 and 141 West Avenue 34 APN 5205-004-011	Building Permit – Bldg Demolition (6)
1977	135 and 141 West Avenue 34 APN 5205-004-011	Building Permit – Grading (2)
1977	135 and 141 West Avenue 34 APN 5205-004-011	Building Permit – Bldg Demolition
1977	135 and 141 West Avenue 34 APN 5205-004-011	Building Permit – New Construction (2)
1977	135 and 141 West Avenue 34 APN 5205-004-011	Affidavit – Oversized Building (2)
1977	135 and 141 West Avenue 34 APN 5205-004-011	Plan Maintenance
1978	135 and 141 West Avenue 34 APN 5205-004-011	Certificate of Occupancy (2)
1978	135 and 141 West Avenue 34 APN 5205-004-011	Certificate of Occupancy - Temp
1978	135 and 141 West Avenue 34 APN 5205-004-011	Affidavit – Oversized Building
1979	135 and 141 West Avenue 34 APN 5205-004-011	Grading – Grading Certificate
1997	135 and 141 West Avenue 34 APN 5205-004-011	Building Permit – Alteration
1997	135 and 141 West Avenue 34 APN 5205-004-011	Building Permit – Bldg – Alter / Repair
2002	3433 Pasadena Avenue APN 5205-004-007	Range File – Miscellaneous
2003	3433 Pasadena Avenue APN 5205-004-007	Range File – Miscellaneous
2012	135 and 141 West Avenue 34 APN 5205-004-011	Building Permit – Bldg – Alter / Repair
2012	135 and 141 West Avenue 34 APN 5205-004-011	Mechanical Permit - HVAC

Subject Property Building Records, Pasadena Avenue Addresses		
Years	**Address**	**Description**
2013	135 and 141 West Avenue 34 APN 5205-004-011	Mechanical Permit - HVAC
2014	135 and 141 West Avenue 34 APN 5205-004-011	Electrical Permit

Subject Property Building Records, West Avenue 34 Addresses		
Years	**Address**	**Description**
1905	153 Avenue 34	Building Permit – Bldg Alter / Repair
1914	153 Avenue 34	Building Permit 4
1929	153 Avenue 34	Building Permit – Bldg New
1966	153 Avenue 34	Building Permit – Alteration – Bldg Alter / Repair
1992	153 Avenue 34	Building Permit – Bldg Alter / Repair
1992	153 Avenue 34	Administrative Approval
1992	153 Avenue 34	Commission – BAAB Board File
1992	153 Avenue 34	Commission – BAAB Board Letter
2000	153 Avenue 34	Building Permit – Bldg Alter / Repair

4.8 Zoning/Land Use Records

FR visited the City of Los Angeles Department of City Planning and researched additional zoning/land use records for the subject property addresses. Based on a review of the zoning map, the subject property is zoned for *commercial manufacturing* use.

4.9 Previous Reports

FR was provided with previous reports pertaining to the subject property (135, 141, and 153 West Avenue 34 and 3401 and 3433 Pasadena Avenue in Los Angeles, CA). The previous reports are summarized below:

Phase I Environmental Site Assessment – 135, 141 and 153 West Avenue 34 and 3401 and 3433 Pasadena Avenue, Los Angeles, California 90031, prepared by Orswell & Kasman, Inc, September 28, 2012.

A Phase I ESA was conducted at the subject property by Orswell & Kasman, Inc (OKI) at the request of Mr. Robert Gonzales in September 2012. The Phase I ESA consisted of public records and historical document review, regulatory agency research, site reconnaissance, and interviews. The report identified the following remarks:

1) *The subject property is occupied by multiple tenants. The 3433 Pasadena Avenue building is currently occupied by Warner Brothers Studios, a prop and set design business. The business stores and uses large quantities of water-based paint, and waste paint is generated by the*

business activities. The hazardous materials and hazardous wastes appear to be properly stored and managed and no significant spills or leaks were observed on the premises; and

2) *Eleven offsite locations have been identified as potential risks or threats to the subject property. According to the data, ten of the sites are not located in the near vicinity, and there is no indication that contaminants from these sites have migrated onto the subject property.*

   The former Welch's Uniform Facility site (#5 on map), 3505 Pasadena Avenue, is located on the adjacent property to the north, and the business is identified by State of California Environmental Protection Agency (CAL-EPA) Department of Toxic Substances Control (DTSC) as an active hazardous waste site. According to the DTSC CalSite database records, the site was previously occupied by Welch's Uniform and the property was used as a laundry and uniform rental facility over a 70 year period. Environmental studies indicate the soil and groundwater beneath the facility is contaminated with volatile organic compounds including trichloroethene (TCE). In addition, the former Welch's Uniform Rental site is identified by the State of California Regional Water Quality Control Board (RWQCB) as having two open RWQCB Cleanup Program sites. The first case was first opened in December 1987. According to the RWQCB records, the groundwater was contaminated with non-petroleum hydrocarbons, and the site is undergoing verification monitoring. The second case was opened in December 1998 and the site is undergoing an assessment.

   A review of the City of Los Angeles Fire Department (LAFD) records revealed Welch's Uniform applied for a permit to remove a 2,000-gallon underground diesel fuel tank in 1987. Soil sampling beneath the tank revealed significant Total Petroleum Hydrocarbon as gasoline (TPH-g) contamination (8,600 ppm). The groundwater beneath the site was determined to be about 35 feet below the ground surface, and the groundwater flows away from the subject property in a west-northwest direction. In February 1988, Welch's Uniform applied for a permit to abandon five underground ·storage tanks in-place, and in December 1988, Welch's Uniform applied for a permit to remove five additional underground storage tanks. In May 2004, Welch's Uniform applied for a permit to remove one additional 1,000-gallon underground storage tank. Soil sampling beneath the tank did not detect any contamination problems, and on October 26, 2004, the DPW/UGT issued a no further action letter for the closure of the 1,000-gallon underground tank. An inspection of the property revealed the site is currently a vacant lot, and remedial activities were being conducted on the site.

   Should it be determined the groundwater beneath the subject property has in fact been impacted by the Former Welch's Uniform Rental site, it is the policy of the State of California and the United States Environmental Protection Agency not to hold property owners responsible for costs to clean up contaminated groundwater beneath their property, unless the owners contributed to the problem. There is no indication from a review of the regulatory records and a site inspection that the subject property has had any problems concerning the storage, usage or disposal of hazardous materials, and it appears the former Welch's Uniform Rental site is in the process of addressing the contamination problem.

Our review of regulatory and historical records, a visual inspection of the site and surrounding area, and interviews with the property owner and the safety manager for Warner Brothers Studios has found no evidence of other recognized environmental conditions or historical recognized environmental conditions which are likely to impact the subject property. Although data failure occurred in the historical uses of the Property prior to 1906, it is unlikely the data failure will impact the ability to identify recognized environmental conditions. Based on the results of this assessment, no further environmental studies are recommended for the site.

Phase I Environmental Site Assessment – 135, 141 and 153 West Avenue 34 and 3401 and 3433 Pasadena Avenue, Los Angeles, California 90031, prepared by Orswell & Kasman, Inc, April 28, 2015.

A Phase I ESA Update Report was conducted at the subject property by OKI at the request of Mr. Andy Meyers in April 2015. The Phase I ESA consisted of S site reconnaissance, interviews, government records review, public records and historic document review, and summary of previous environmental report. The update report concludes that, *based on the results of this assessment, no further environmental studies are recommended for the site.*

4.10 Other Historical Records

No additional historical records were obtainable for the subject property.

4.11 Historical Summary

Based on a review of available historical records, the north, west, and central areas of the subject property were vacant, and the east and west areas were developed with private residential structures by as early as 1894. Most of these residential properties persisted until 1964 with few exceptions, including the subject property warehouse building addressed 153 West Avenue 34 (constructed in 1929) along the southern boundary of the site, and the subject property warehouse buildings addressed 3401 Pasadena Avenue (constructed in 1925) and 3433 Pasadena Avenue (constructed in 1967) along the eastern boundary of the site. A railroad corridor has been historically present along the western boundary since at least 1894, and is still currently in use. A bakery occupied the southeast corner of the property (original occupant of the 3401 Pasadena Avenue building) from 1919 until at least 1951, and was redeveloped as a machine and woodworking shop in 1970.

The historic industrial areas of the subject property have a more complicated history, and are discussed here as the “historic industrial areas”. These areas include the north, west, and central parts of the site. The historic industrial areas were vacant and undeveloped in 1894 until at least 1906. By 1920, these areas were developed and occupied by the Los Angeles Sand & Gravel Company, which occupied the property until at least 1928, and terminated by 1938, at which time the historic industrial areas of the subject property consisted of vacant land. By 1948, these areas were redeveloped with six industrial structures, occupied by Steel Framing & Building Corporation in 1951, and ITT Cannon Electronics Inc. from at 1964-1970. The historic industrial areas were demolished and consisted of vacant and graded land in the 1977 aerial photograph, and the subject property buildings addressed 135 and 141 West

Avenue 34 were constructed in 1977 according to building department files and tax assessor records, and was occupied by American Caster Corp from 1977 until the property was purchased by the current owner, Mr. Eric Ortiz, in 1999. Historic site operations by ITT Cannon Electronics are not considered an environmental concern due to the relatively short time-period of occupancy (6 years), and because the site was graded and reworked in association with the current on-site development, which would have dissipated potential concentrations of constituents of concern in soil potentially associated with the former site operations. The subject property has been primarily occupied by Ortiz Brothers Moving & Storage, with a variety of tenants between 1999 and present.

· 5.0 INTERVIEWS/USER INFORMATION ·

5.1 Interviews

Interviews were conducted and attempted with the following personnel listed below.

Personnel Interviewed	Brief Summary
User	Not interviewed
Property Owner	Mr. Eric Ortiz
Previous Owner	Not interviewed
Tenant/Occupant	Not interviewed
Manager	Not Interviewed
Buyer	Not interviewed
Adjoining Property Owner	Not interviewed
Broker	Not interviewed
Government Officials	Not interviewed

Mr. Eric Ortiz, the subject property owner, stated that he had no information pertaining to any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the subject property; any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the subject property; or any notices from a governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products.

5.2 User Information

5.2.1 Environmental liens and/or Activity and Use Limitations (AULs)

AULs include both legal (institutional) and physical (engineering) controls. Agencies, organizations, and jurisdictions may define or utilize these terms differently.

No AULs were identified during this investigation.

No environmental liens were identified during this investigation.

5.2.2 Specialized Knowledge

No knowledge of recognized environmental conditions or historical recognized environmental concerns was provided by the user.

5.2.3 Valuation Reduction for Environmental Issues

No information was provided by the user that indicated the subject property was being sold or valued lower due to outstanding environmental issues.

5.2.4 Commonly Known or *Reasonably Ascertainable* Information

The user has not provided or is unaware of any commonly known or reasonably ascertainable information for the subject property.

5.2.5 Other User Provided Information

No other user provided information was obtainable or provided.

· 6.0 GOVERNMENT DATABASE SECTION ·

6.1 Environmental Database Summary

As part of the Phase I Environmental Assessment, FR utilized Environmental Data Resources, Inc. (EDR) of Shelton, Connecticut, as an information source for regulatory agency environmental database records. The environmental database report was dated June 24, 2019.

An attempt to locate listed Orphan Sites (facilities that could not be mapped or geocoded due to inadequate address information) within an area or radii of concern to the subject property was attempted by FR. These attempts consisted of a street review, a drive-by view of orphan site, and/or evaluating site type given information provided by government agencies.

A copy of the radius report is included in the appendices.

Database Summary of Federal Listings				
	Search Distance (Miles)	Subject Property	Adjoining Properties	Total Number of Listings
National Priorities List (NPL)	1.0	0	0	0
Delisted NPL	0.5	0	0	0
SEMS (formerly CERCLIS)	0.5	0	0	**2**
SEMS ARCHIVE (formerly CERCLIS NFRAP)	0.5	0	0	**2**
RCRA CORRACTS	1.0	0	0	0
RCRA TSDF	0.5	0	0	0
RCRA Generators List	Subject Property and Adjoining Properties Only	**1**	**2**	**16**
Federal Institution Controls/Engineering Controls	Subject Property	0	0	0
ERNS	Subject Property	0	0	0

Database Summary of State Listings				
	Search Distance (Miles)	Subject Property	Adjoining Properties	Total Number of Listings
State/Tribal NPL (RESPONSE)	1.0	0	0	0
State/Tribal CERCLIS (Envirostor, Historical Cal-Sites)	0.5	0	**1**	**10**
State/Tribal SWF/LF	0.5	0	0	**2**
State/Tribal LUST	0.5	0	**1**	**13**
State/Tribal CPS-SLIC	0.5	0	**2**	**4**
State/Tribal VCP	0.5	0	**1**	**3**
State/Tribal Brownfield	0.5	0	0	0
State/Tribal UST, AST	Subject Property and Adjoining Properties Only	0	**1**	**1**

Database Summary of State Listings				
	Search Distance (Miles)	Subject Property	Adjoining Properties	Total Number of Listings
CA FID UST	Subject Property and Adjoining Properties Only	0	0	0
HIST UST	Subject Property and Adjoining Properties Only	0	0	0
SWEEPS UST	Subject Property and Adjoining Properties Only	0	**1**	**1**
State/Tribal Institutional Control and Engineering Control	Subject Property	0	0	0
Other State Listings	Subject Property	**3**	0	**1**

Database Summary of Local Listings (Subject Property Only)	
	Subject Property
HAZNET	**31 Records**
FINDS	**3 Records**
ECHO	**3 Records**
EMI	**2 Records**
NPDES	Not listed
County Records	Not listed

Proprietary Database Listings (Subject & Adjoining Properties)	
	Subject/Adjoining Properties
EDR Historical Auto Stations	Not listed
EDR Historical Cleaners	**1 Record**

The subject property addresses were identified in the EDR database report, summarized as follows:

- **135 West Avenue 34** (Map ID A5, 7, 10, 11, 13, 18, 19, 22, 23, 25, 27, 28, 31, 35) – this subject property address was identified in the HAZNET (12), RCRA NonGen/NLR, FINDS, and ECHO databases under the following operator names: Jardinero Productions, Birddog, Warner Bros., All About Steve Movie, Soul Productions LLC Ortiz Brothers Moving, Step Up 3D, Love & Basketball, Nurse Betty Productions, 20th Century Fox, and Olivers Arrow Movie.

  Ten of the HAZNET listings are associated with the disposal of wastes generated during film production, including very small quantities of various paints, latex gloves, fuel blends, and other organic solids (1999-2016); the remaining two HAZNET listings are associated with Ortiz Brothers Moving, including the disposal of waste oil and hydrocarbons (1997-1998).

The RCRA NonGen/NLR listing, FINDS, and ECHO listings refer to the All About Steve Movie Site (2007), a former generator of hazardous ignitable waste from photographic film. There are no reported spills, releases, or violations associated with the 135 West Avenue 34 address. Based on the available information, the listings do not represent a significant environmental concern.

- **141 West Avenue 34** (Map ID A2, 4, 6, 15, 24, 26, 29, 32, 36, 38) – this subject property address was identified in the HAZNET (8), RCRA-SQG, FINDS, ECHO, EMI, HAZMAT, and CERS databases. The listings are associate with the following operator names: Touchstone Pictures, American Caster Corp, Tomcats, Five Continent Imports LLC, Lie To Me, ABC Signatures Studio, Battle of the Sexes, and Dreamworks Productions.

  Seven of the HAZNET listings are associated with the disposal of wastes generated during film production, including very small quantities of various paints, latex gloves, fuel blends, and other organic solids (1997-2017); and the other HAZNET listing is associated with American Caster Corp for the disposal of other organic solids, hydrocarbons, oil-containing waste, and paint sludge (1987-1996).

  The RCRA-SQG refers to American Caster Corp operations on the property in 1987 (specific type of waste not specified). American Caster Corp was also identified under a historic address, 157 West Avenue 34, in the HAZMAT database.

  The ECHO, EMI, and CERS listings refer to regulated air emissions at American Caster Corp, and indicate that the property was classified as a hazardous air pollutant (major). The listed site operations include hardware manufacturing, other metal valve and pipe fitting manufacturing, and ball and roller bearing manufacturing. There are no reported spills, releases, or violations associated with the 141 West Avenue 34 address. Based on the available information, the listings do not represent a significant environmental concern.

- **153 West Avenue 34** (Map ID A1) – this subject property address was identified under the operator name William Pile Enterprises and was identified in the HAZMAT database with a listing dated January 2019. The HAZMAT database is a list of facility and manifest data compiled by DTSC. No further information was provided by the listing. There are no reported spills or violations associated with the 153 West Avenue 34 address. Based on the available information, the listings do not represent a significant environmental concern.

- **3401 Pasadena Avenue** (Map ID A3, 14, 21, 30) – this subject property address was identified in the HAZNET (3) and EMI databases under the operator names 20th Century Fox, E D 1125 Inc, Elastic Coatings Org, and Bob Baker Production.

  Two of the HAZNET listings are associated with the disposal of wastes generated during film production, including very small quantities of various paints, latex gloves, fuel blends, waste oil, and other organic solids (2006-2007); and the other HAZNET listing is related to Elastic Coatings Organization for the disposal of unspecified solvent mixtures, pesticides, and alkaline solution without metals pH > 12.5 (1993).

The EMI listing refers to air emissions (total organic hydrocarbons and reactive organic gases) associated with Bob Baker Productions, a film production company (1990). There are no reported spills, releases, or violations associated with the 3401 Pasadena Avenue address. Based on the available information, the listings do not represent a significant environmental concern.

- **3433 Pasadena Avenue** (Map ID A8, 9, 12, 16, 17, 20, 33, 34, 37) – this subject property address was identified in the HAZNET (8), FINDS, ECHO, and RCRA NonGen/NLR databases under the operator names Gone Girl, Moneyball, Informant Productions, End of Watch LLC, Warner Bros. Hangover 3, Hotel for Dogs, and Fox Gone Girl.

  All of the HAZNET listings are associated with the disposal of wastes generated during film production, including very small quantities of various paints, latex gloves, fuel blends, and other organic solids (2008-2014). The RCRA NonGen/NLR, FINDS, and ECHO listings refer to operations associated with filming the Warner Bros Hangover 3 movie (2010-2012), a former generator of the following hazardous waste: ignitable waste; methyl ethyl ketone; and non-halogenated solvents. There are no reported spills, releases, or violations associated with the 135 West Avenue 34 address. Based on the available information, the listings do not represent a significant environmental concern.

· SUMMARY OF LISTINGS ·

National Priorities List (NPL) Facilities

The NPL, also known as the Superfund List, is an EPA listing of the nation's worst uncontrolled or abandoned hazardous waste facilities. Designation as a Superfund Site is primarily based on a score that the facility receives from the EPA's Hazard Ranking System. These facilities are targeted for possible long-term remedial action. Such prioritized sites with significant risk to human health and the environment receive remedial funding under the Comprehensive Environmental Response Conservation and Liability Act (CERCLA). The NPL is compiled by EPA pursuant to CERCLA, 42 U.S.C.§9605(a)(8)(B). (*http://www.epa.gov/superfund/sites/npl/npl.htm*).

No NPL sites were identified within the specified radius from the subject property.

Federal Delisted NPL List

Federal Delisted NPL List consists of sites that no longer require further response actions as determined by the EPA.

No Federal Delisted NPL List sites were identified within the specified radius from the subject property.

SEMS (Superfund Enterprise Management System) List

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly known as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Two SEMS List sites were identified within the specified radius from the subject property.

- **3209 East Humboldt Street (**Map ID I74-78) – this property is located approximately 600 feet south of the subject property, and was identified under the operator ITT Cannon / Kennington. The site is listed in the following databases from the report: HAZMAT, UST, RCRA-SQG, FINDS, SEMS, ENVIROSTOR, VCP, SWEEPS UST, CA FID UST, DEED, HIST CORTESE, CPS-SLIC, LA Co. Mitigation, and CERS.

  The SEMS, ENVIROSTOR, VCP, HIST CORTESE, FINDS, CPS-SLIC, and LA Co. Mitigation listings indicate that the property is a Superfund site with environmental investigations dating back to 1990, due to battery and electronics manufacturing on the property, including lead, PCBs, tetrachloroethene (PCE), and trichloroethene (TCE). The site was enrolled in the Voluntary Cleanup Program (VCP) in 1993, and remedial activities to date have included the excavation of soil approximately 46 feet below ground surface with off-site disposal of 18,000 cubic yards of contaminated soil. The site is still being actively monitored by the DTSC Site Cleanup Program. The DEED listing refers to land-use restrictions imposed on the site as part of the VCP agreement.

  The RCRA-SQG and HAZMAT listings indicate the property is a small quantity generator of hazardous waste, including polychlorinated biphenyls (PCBs) and lead (1998-2006). Based on separation distance and regulatory oversight of cleanup activities with active groundwater monitoring, this site does not represent a significant environmental concern to the subject property.

- **301 West Avenue 26** (Map ID S127-128) – this property is located approximately 1,700 feet southwest of the subject property and was identified under the operator names Jaybee and Ajax Manufacturing. The site is listed in the ENVIROSTOR, VCP, EMI, and SEMS databases. The listings indicate the property was discovered as contaminated in 1994, with a discovery date of 2000. The site was listed as a Superfund site in 2002. The contaminants of concern include lead, PAHs, PCE, diesel fuel, TCE, and other volatile organic compounds associated with former manufacturing operations at the site, and the site is currently active in the VCP. Based on separation distance and regulatory oversight of cleanup activities with active groundwater monitoring, this site does not represent a significant environmental concern to the subject property.

SEMS-ARCHIVE List

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

Two SEMS-ARCHIVE List sites were identified within the specified radius from the subject property.

- **3011 Humboldt Street** (Map ID N119) – this site was identified under the operator name NI West Incorporated and is located approximately 1,125 feet south of the subject property. The site is listed in the SEMS-ARCHIVE database. The listing indicates that the site was discovered in 1993 and investigated in 2003. The site was determined to not be included in the NPL with an archived date of 2005. Based on separation distance and the available information, this site does not represent a significant environmental concern to the subject property.

- **241 Avenue 26** (Map ID 136, 145) – this site was identified under the operator name Baron Manufacturing and is located approximately 1,800 feet southwest of the subject property. The site is listed in the ENVIROSTOR and SEMS ARCHIVE databases. The listings indicate the site was discovered in 1983 and investigated in 1984 and 1994 due to steel and sheet metal fabrication. The contaminants of concern include unspecified solvent mixtures. No further information was provided by the listings. Based on separation distance and regulatory oversight of cleanup activities with active groundwater monitoring, this site does not represent a significant environmental concern to the subject property. Based on separation distance and regulatory oversight, this site not represent a significant environmental concern to the subject property.

RCRA CORRACTS List

RCRA CORRACTS List is an EPA-maintained database of Resource Conservation and Recovery Act (RCRA) facilities undergoing "corrective action". A "corrective action order" is issued when there has been a release of hazardous waste or constituents into the environment from a RCRA facility. Corrective actions may be required beyond the facility's boundary and can be required regardless of when the release occurred, even if it predates RCRA.

No RCRA CORRACTS List sites were identified within the specified radius from the subject property. .

RCRA TSDF List

RCRA TSDF List are sites that generate, transport, store, treat, and/or dispose of hazardous waste and are required to register their hazardous waste activity under the Resource Conservation and Recovery Act (RCRA). The list includes small- and large-quantity operators and handler violations.

No RCRA TSDF List sites were identified within the specified radius from the subject property.

RCRA Generators List (Small Quantity and Large Quantity)

RCRA hazardous waste generators are identified as Large Quantity Generators (LQGs), Small Quantity Generators (SQGs), or Conditionally Exempt Small Quantity Generators (CESQGs). RCRA LQGs are identified as those facilities, which generate at least 1,000 kilograms (2,200 pounds) of non-acutely hazardous waste (or 1 kilogram of acutely hazardous waste) in any calendar month. RCRA SQGs are identified as those facilities that generate less than 1,000 kilograms of non-acutely hazardous waste in any calendar month.

The subject property address, 141 West Avenue 34, was identified on the RCRA Generator database

- **141 West Avenue 34** (Map ID A2, 4, 6, 15, 24, 26, 29, 32, 36, 38) – this subject property address was identified in the HAZNET (8), RCRA-SQG, FINDS, ECHO, EMI, HAZMAT, and CERS databases. The listings are associate with the following operator names: Touchstone Pictures, American Caster Corp, Tomcats, Five Continent Imports LLC, Lie To Me, ABC Signatures Studio, Battle of the Sexes, and Dreamworks Productions.

  Seven of the HAZNET listings are associated with the disposal of wastes generated during film production, including very small quantities of various paints, latex gloves, fuel blends, and other organic solids (1997-2017); and the other HAZNET listing is associated with American Caster Corp for the disposal of other organic solids, hydrocarbons, oil-containing waste, and paint sludge (1987-1996).

  The RCRA-SQG refers to American Caster Corp operations on the property in 1987 (specific type of waste not specified). American Caster Corp was also identified under a historic address, 157 West Avenue 34, in the HAZMAT database.

  The ECHO, EMI, and CERS listings refer to regulated air emissions at American Caster Corp, and indicate that the property was classified as a hazardous air pollutant (major). The listed site operations include hardware manufacturing, other metal valve and pipe fitting manufacturing, and ball and roller bearing manufacturing. There are no reported spills, releases, or violations associated with the 141 West Avenue 34 address. Based on the available information, the listings do not represent a significant environmental concern to the subject property.

Two of the neighboring or adjoining properties were identified on the RCRA Generator database.

- **3505 Pasadena Avenue** (Map ID B41-47) – this site was identified under the operator name Former Welch's Uniform Services and is located adjacent to and north of the subject property. The site is listed in the following databases from the report: UST (2), RCRA-LQG, ENVIROSTOR, LUST, CPS-SLIC (2), VCP, SWEEPS UST, HIST UST, CA FID UST, FINDS, ECHO, EMI, HIST CORTESE, CERS, DRYCLEANERS, HAZMAT, and EDR Hist Cleaner.

  The ENVIROSTOR, VCP, and CPS-SLIC (2) listings indicate the site was enrolled in the VCP in 2007 after being transferred to DTSC in 2006. Groundwater beneath the property is being actively monitored, and, according to a 2016 groundwater monitoring report, groundwater concentrations of the contaminants of concern are highest near the center of the site, and the plume appears to be migrating west and then south along the railroad corridor ROW along the western boundary of the subject property. The site is being actively remediated via soil vapor extraction and under the supervision of DTSC. The most recent (2016) groundwater monitoring report indicates that groundwater concentrations have approached cleanup levels at the subject property boundary. It is expected that the concentrations have continued to decline in the last 3 years since the most recent report as remedial activities continue.

  The UST (2), HIST UST, CA FID UST, SWEEPS UST, CERS, and LUST listings indicate that there were former historic USTs containing diesel fuel, gasoline, waste oil, and "product unknown on the site, but none are currently active. The LUST listing refers to a release reported in 1987 (product not specified). The EMI listing refers to South coast Air Quality Management District (SCAQMD) air emissions regulation at the property, including total organic hydrocarbon gases and reactive organic gases. The RCRA-LQG, HAZMAT, and EDR Hist Cleaners listings indicate that the facility was a drycleaner and a historical large-quantity generator of hazardous waste, specifically chlorinate solvents (1924-1987).

  Based on regulatory oversight and on-going SVE remediation with semi-annual groundwater monitoring, and the most recent (2016) analytical data available, this site does not represent a significant environmental concern to the subject property.

- **120 East Avenue 35** (Map ID F65-66) – this site was identified under the operator name Hillside Elementary and is located adjacent to and east of the subject property. The site is listed in the HAZMAT, RCRA-SQG, FINDS, and ECHO databases. The listings indicate that the property is a small-quantity generator of hazardous waste. There are no reported spills, releases, or violations associated with the property. No further information is provided by the listings. Based on the available information, this site does not represent a significant concern to the subject property.

US Engineering Controls

This is a listing of sites with engineering controls in place to control on-site contamination. Engineering controls may include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

The subject property was not identified on the US Engineering Control sites database.

US Institutional Controls

This is a listing of sites with institutional controls in place to control on-site contamination. Institutional controls may include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

The subject property was not identified on the US Institutional Control sites database.

Emergency Response Notification System (ERNS)

ERNS is a national database used to collect information on reported releases of petroleum products or hazardous substances. The database contains information from spill reports made to federal authorities including the EPA, the U.S. Coast Guard, the National Response Center and the U.S. Department of Transportation. The program is a cooperative effort of the EPA, the Department of Transportation Research and Special Program Administration's National Transportation System Center, and the National Response Center. There are five primary Federal statutes that require release reporting: CERCLA Section 103; the Superfund Amendments and Reauthorization Act (SARA) Title III Section 304; the Clean Water Act of 1972 (CWA) Section 311(b) (3); and the Hazardous Material Transportation Act of 1974 (HMTA) Section 1808 (b).

The subject property was not identified on the ERNS database.

State/Tribal NPL (Response)

Response sites identify confirmed release sites where the California Department of Toxic Substances Control (DTSC) is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

No State/Tribal NPL sites were identified within the specified radius from the subject property.

State/Tribal CERCLIS (Envirostor and Historical Cal-Sites)

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) Envirostor database identifies sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response (RESPONSE), including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. Envirostor provides similar information to the information that was available in Cal-Sites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land

uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Ten-Nine State/Tribal CERCLIS sites were identified within the specified radius from the subject property. Due to the volume of sites, only the three sites within 1,000 feet of the subject property are further discussed.

- **3505 Pasadena Avenue** (Map ID B41-47) – this site was identified under the operator name Former Welch's Uniform Services and is located adjacent to and north of the subject property. The site is listed in the following databases from the report: UST (2), RCRA-LQG, ENVIROSTOR, LUST, CPS-SLIC (2), VCP, SWEEPS UST, HIST UST, CA FID UST, FINDS, ECHO, EMI, HIST CORTESE, CERS, DRYCLEANERS, HAZMAT, and EDR Hist Cleaner. The site was previously described in the RCRA generators sub-section above. Based on regulatory oversight and on-going SVE remediation with semi-annual groundwater monitoring, and the most recent (2016) analytical data available, this site does not represent a significant concern to the subject property.

- **3408 Arroyo Seco Avenue** (Map ID K83-86) – this site was identified under the operator name Los Angeles USD Loreto Elem School and is located approximately 415 feet northwest of the subject property. The site is listed in the RCRA-SQG, FINDS, ECHO, ENVIROSTOR, SCH, UST, and HAZMAT databases. The listings indicate the facility was a small-quantity generator of hazardous waste. The ENVIROSTOR listing refers to an investigation conducted in 2006 and the status is listed as closed and withdrawn with no contaminants found. There are no reported spills, releases, or violations associated with the property. No further information is provided by the listings. Based on the available information, this site does not represent a significant concern to the subject property.

- **3209 East Humboldt Street (**Map ID I74-78) – this property is located approximately 600 feet south of the subject property, and was identified under the operator ITT Cannon / Kennington. The site is listed in the following databases from the report: HAZMAT, UST, RCRA-SQG, FINDS, SEMS, ENVIROSTOR, VCP, SWEEPS UST, CA FID UST, DEED, HIST CORTESE, CPS-SLIC, LA Co. Mitigation, and CERS. The site was previously discussed in the SEMS database review section. Based on separation distance and regulatory oversight of cleanup activities with active groundwater monitoring, this site does not represent a significant environmental concern to the subject property.

Based on the relative distance from the subject property, down-gradient to cross-gradient hydraulic position, continued regulatory oversight, soil-only media impacted, lack of reported violations or releases, and/or current case-closed/NFA status, none of the listed sites are anticipated to represent a significant environmental concern to the subject property.

State/Tribal SWF/LF

State/Tribal Solid Waste Landfills (SWLF) typically contains an inventory of solid waste disposal facilities or landfills in a particular State. Depending on the State, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

One State/Tribal SWF/LF site with two listings was identified within the specified radius from the subject property.

- **400 West Avenue 26** (Map ID T129, 130, 133) – this site was identified under the operator name Lacy's Street Dump and is located approximately 1,700 feet southwest of the subject property. The site is listed in the WMUDS/SWAT, LDS, CERS (2), and SWF/LF (2) databases. The listings indicate that the property operated as a landfill in 1975 and is listed as currently closed. The site achieved regulatory closure status with DTSC in 2016. Based on separation distance and regulatory closure status, this site does not represent a significant environmental concern to the subject property.

State/Tribal LUST and CPS-SLIC

LUST Sites

Leaking Underground Storage Tanks (LUST) sites are a database of sites with confirmed or unconfirmed leaking underground storage tanks.

Seven LUST sites comprised of thirteen listings were identified within the specified radius from the subject property. Due to the volume of listings, only the four sites within 1,000 feet of the subject property are further discussed.

3505 Pasadena Avenue (Map ID B41-47) – this site was identified under the operator name Former Welch's Uniform Services and is located adjacent to and north of the subject property. The site is listed in the following databases from the report: UST (2), RCRA-LQG, ENVIROSTOR, LUST, CPS-SLIC (2), VCP, SWEEPS UST, HIST UST, CA FID UST, FINDS, ECHO, EMI, HIST CORTESE, CERS, DRYCLEANERS, HAZMAT, and EDR Hist Cleaner. The site was previously described in the RCRA generators sub-section above. Based on regulatory oversight and on-going SVE remediation with semi-annual groundwater monitoring, and the most recent (2016) analytical data available, this site does not represent a significant environmental concern to the subject property.

- **3225 Lacy Street** (Map ID H67-73) – this site was identified under the operator names Heath & Co, and Maintenance and Operations New Maintenance Company for the Los Angeles Unified School District. The site is located approximately 350 feet southwest of the subject property, and is listed in the following databases from the report: HIST UST, UST, SWEEPS UST, CA FID UST, RCRA-LQG, HAZMAT, LUST, FINDS, ECHO, HIST CORTESE, and CERS.

The UST, SWEEPS UST, CA FID UST, and LUST listings refer to a 7,500-gallon diesel fuel UST installed in 1964, and a 12,000-gallon gasoline UST installed in 1973. The tanks are listed as active in a 1993 SWEEPS UST listing. The LUST listing refers to a gasoline release reported in July 1995 during tank removal. The site achieved regulatory closure status in November 1995.

The RCRA-LQG, HAZMAT, FINDS, ECHO, HIST CORTESE, and CERS listings indicate the facility is a large-quantity generator of the following hazardous wastes: ignitable waste, corrosive waste, lead, and mercury. There are no reported violations associated with the property. Based on separation distance and site closure status, this site does not represent a significant environmental concern to the subject property.

- **3580 Pasadena Avenue** (Map ID J94-97) – this site was identified under the operator name Flavor Food Inc. and is located approximately 700 feet northeast of the subject property. The site is listed in the following databases from the report: SWEEPS UST, CA FID UST, LUST, HIST UST, HIST CORTESE, CERS, and UST.

  The UST listings refer to three 9,000-gallon gasoline USTs installed in and removed in 1986. The LUST listing refers to a gasoline release reported in October1986 during tank removal with regulatory closure status in November 1986. There are no reported violations associated with the property. Based on separation distance and site closure status, this site does not represent a significant environmental concern to the subject property.

- **3101 Artesian Street** (Map ID N98-104) – this site was identified under the operator names Lincoln Heights District and P D D Construction MTNC. The site is located approximately 730 feet southwest of the subject property, and is listed in the following databases from the report: SWEEPS UST, CA FID UST, UST (2), LUST (2), RCRA-SQG, FINDS, ECHO, HAZMAT, CERS HAZ WASTE, HIST UST (2), CERS TANKS, HIST CORTESE, and CERS.

  The UST listings refer to four active 5,000-gallon diesel fuel USTs on the property. The LUST listings refer to petroleum releases reported in 1991 with regulatory closure status in 1997.

  The CERS HAZWASTE and ECHO listings refer to the following violations: violations reported in 2016 due to failure to comply with one or more of the following, failure to property label hazardous waste accumulation containers, and a violation for failure to maintain uniform hazardous waste manifests for three years; : failure to install a spill bucket, have a functional drain valve or other method for the removal of liquid from the spill bucket/spill container, and/or be resistant to galvanic corrosion; violations reported in 2018 due to failure to submit a complete and accurate application for a permit to operate a UST, or for renewal of the permit, and a violation for failure to submit or maintain a current facility plot plan; a violation reported in 2017 due to the failure to maintain records of repairs, lining, and upgrades on site; and a violation in 2013 for failure to obtain and/or maintain an active hazardous waste generator permit. Refer to the database report for more information.

The RCRA-SQG, FINDS, HAZMAT, and CERS listings indicate the facility is a small-quantity generator of hazardous waste (1996). Based on separation distance from the subject property, this site does not represent a significant environmental concern to the subject property.

Based on the relative distance from the subject property, down-gradient to cross-gradient hydraulic position, continued regulatory oversight, soil-only media impacted, lack of reported violations or releases, and/or current case-closed/NFA status, none of the listed sites are anticipated to represent a significant environmental concern to the subject property.

CPS-SLIC Sites

Three CPS-SLIC sites comprised of four listings were identified within the specified radius from the subject property.

- **3505 Pasadena Avenue** (Map ID B41-47) – this site was identified under the operator name Former Welch's Uniform Services and is located adjacent to and north of the subject property. The site is listed in the following databases from the report: UST (2), RCRA-LQG, ENVIROSTOR, LUST, CPS-SLIC (2), VCP, SWEEPS UST, HIST UST, CA FID UST, FINDS, ECHO, EMI, HIST CORTESE, CERS, DRYCLEANERS, HAZMAT, and EDR Hist Cleaner. The site was previously described in the RCRA generators sub-section above. Based on regulatory oversight and on-going SVE remediation with semi-annual groundwater monitoring, and the most recent (2016) analytical data available, this site not represent a significant environmental concern to the subject property.

- **3209 East Humboldt Street (**Map ID I74-78) – this property is located approximately 600 feet south of the subject property, and was identified under the operator ITT Cannon / Kennington. The site is listed in the following databases from the report: HAZMAT, UST, RCRA-SQG, FINDS, SEMS, ENVIROSTOR, VCP, SWEEPS UST, CA FID UST, DEED, HIST CORTESE, CPS-SLIC, LA Co. Mitigation, and CERS. The site was previously discussed in the SEMS database review section. Based on separation distance and regulatory oversight of cleanup activities with active groundwater monitoring, this site does not represent a significant environmental concern to the subject property.

- **306-360 Avenue 26** (Map ID W137) – this property is located approximately 1,775 feet southwest of the subject property and was identified under the operator name The E B Malone Corp. The site is listed in the CPS-SLIC and CERS databases. There is also an orphan listing for the site in the CPS-SLIC database. The listings indicate that the site was enrolled in the DTSC Cleanup Program and was investigated for VOCs and chromium, and has achieved regulatory closure status as of April 2006. Based on the available information and separation distance, this site does not represent a significant environmental concern to the subject property.

Based on the relative distance from the subject property, down-gradient to cross-gradient hydraulic position, continued regulatory oversight, soil-only media impacted, lack of reported violations or

releases, and/or current case-closed/NFA status, none of the listed sites are anticipated to represent a significant environmental concern to the subject property.

State/Tribal UST (also AST, HIST UST, SWEEPS UST, and CA FID UST list)

State/Tribal Underground Storage Tanks (UST): This is a list of state registered underground storage tanks for the site area. Sites appearing on the UST list have not necessarily released hazardous substances into the environment nor do they necessarily pose environmental threat to surrounding properties. Since Federal and State UST regulations require periodic monitoring for UST leakage and immediate reporting of evidence of UST leakage, only those sites appearing on the Leaking Underground Storage Tanks (LUST) list are considered to have significant potential of environmental impact for the purposes of this Phase I.

The subject property was not identified on the Registered UST/AST database.

One of the adjoining properties was identified on the Registered UST/AST database.

- **3505 Pasadena Avenue** (Map ID B41-47) – this site was identified under the operator name Former Welch's Uniform Services and is located adjacent to and north of the subject property. The site is listed in the following databases from the report: UST (2), RCRA-LQG, ENVIROSTOR, LUST, CPS-SLIC (2), VCP, SWEEPS UST, HIST UST, CA FID UST, FINDS, ECHO, EMI, HIST CORTESE, CERS, DRYCLEANERS, HAZMAT, and EDR Hist Cleaner. The site was previously described in the RCRA generators sub-section above. Based on regulatory oversight and on-going SVE remediation with semi-annual groundwater monitoring, and the most recent (2016) analytical data available, this site does not represent a significant concern to the subject property.

SWEEPS UST: Statewide Environmental Evaluation and Planning System: This is an inactive underground storage tank database. It identifies underground storage tanks and was maintained by a contractor for the State Water Resources Control Board in the early 1980s. The listing is no longer updated or maintained.

The subject property was not identified on the SWEEPS UST database.

One of the adjoining properties was identified on the SWEEPS UST database.

- **3505 Pasadena Avenue** (Map ID B41-47) – this site was identified under the operator name Former Welch's Uniform Services and is located adjacent to and north of the subject property. The site is listed in the following databases from the report: UST (2), RCRA-LQG, ENVIROSTOR, LUST, CPS-SLIC (2), VCP, SWEEPS UST, HIST UST, CA FID UST, FINDS, ECHO, EMI, HIST CORTESE, CERS, DRYCLEANERS, HAZMAT, and EDR Hist Cleaner. The site was previously described in the RCRA generators sub-section above. Based on regulatory oversight and on-going SVE remediation with semi-annual groundwater monitoring, and the most recent (2016) analytical data available, this site does not represent a significant environmental concern to the subject property.

HIST UST: Historical Underground Storage Tank Registered Database: This is a listing of underground storage tanks that have been registered but have been removed or are no longer in service. Data on the HIST UST list was supplied by the State Water Resources Control Board.

The subject property was not identified on the Historical UST database.

One of the adjoining properties was identified on the Historical UST database.

- **3505 Pasadena Avenue** (Map ID B41-47) – this site was identified under the operator name Former Welch's Uniform Services and is located adjacent to and north of the subject property. The site is listed in the following databases from the report: UST (2), RCRA-LQG, ENVIROSTOR, LUST, CPS-SLIC (2), VCP, SWEEPS UST, HIST UST, CA FID UST, FINDS, ECHO, EMI, HIST CORTESE, CERS, DRYCLEANERS, HAZMAT, and EDR Hist Cleaner. The site was previously described in the RCRA generators sub-section above. Based on regulatory oversight and on-going SVE remediation with semi-annual groundwater monitoring, and the most recent (2016) analytical data available, this site does not represent a significant environmental concern to the subject property.

CA Facility Inventory Database (CA FID): This is a list of active and inactive underground storage tank sites. The database is maintained by the California Water Resources Control Board.

The subject property was not identified on the CA FID UST database.

One of the adjoining properties was identified on the CA FID UST database.

- **3505 Pasadena Avenue** (Map ID B41-47) – this site was identified under the operator name Former Welch's Uniform Services and is located adjacent to and north of the subject property. The site is listed in the following databases from the report: UST (2), RCRA-LQG, ENVIROSTOR, LUST, CPS-SLIC (2), VCP, SWEEPS UST, HIST UST, CA FID UST, FINDS, ECHO, EMI, HIST CORTESE, CERS, DRYCLEANERS, HAZMAT, and EDR Hist Cleaner. The site was previously described in the RCRA generators sub-section above. Based on regulatory oversight and on-going SVE remediation with semi-annual groundwater monitoring, and the most recent (2016) analytical data available, this site does not represent a significant environmental concern to the subject property.

State/Tribal VCP

The State Voluntary Cleanup Program list addresses the environmental, legal and financial barriers that often hinder the redevelopment and reuse of contaminated properties. The Voluntary Cleanup Program was developed to enhance private sector cleanup of brownfields by enabling parties to remediate sites using private rather than public funds and to reduce the development pressures on "greenfield" sites.

Three State/Tribal VCP sites were identified within the specified radius from the subject property.

- **3505 Pasadena Avenue** (Map ID B41-47) – this site was identified under the operator name Former Welch's Uniform Services and is located adjacent to and north of the subject property. The site is listed in the following databases from the report: UST (2), RCRA-LQG, ENVIROSTOR, LUST, CPS-SLIC (2), VCP, SWEEPS UST, HIST UST, CA FID UST, FINDS, ECHO, EMI, HIST CORTESE, CERS, DRYCLEANERS, HAZMAT, and EDR Hist Cleaner. The site was previously described in the RCRA generators sub-section above. Based on regulatory oversight and on-going SVE remediation with semi-annual groundwater monitoring, and the most recent (2016) analytical data available, this site does not represent a significant environmental concern to the subject property.

- **3209 East Humboldt Street (**Map ID I74-78) – this property is located approximately 600 feet south of the subject property, and was identified under the operator ITT Cannon / Kennington. The site is listed in the following databases from the report: HAZMAT, UST, RCRA-SQG, FINDS, SEMS, ENVIROSTOR, VCP, SWEEPS UST, CA FID UST, DEED, HIST CORTESE, CPS-SLIC, LA Co. Mitigation, and CERS. The site was previously discussed in the SEMS database review section. Based on separation distance and regulatory oversight of cleanup activities with active groundwater monitoring, this site does not represent a significant environmental concern to the subject property.

- **301 West Avenue 26** (Map ID S127-128) – this property is located approximately 1,700 feet southwest of the subject property and was identified under the operator names Jaybee and Ajax Manufacturing. The site is listed in the ENVIROSTOR, VCP, EMI, and SEMS databases. The listings indicate the property was discovered as contaminated in 1994, with a discovery date of 2000. The site was listed as a Superfund site in 2002. The contaminants of concern include lead, PAHs, PCE, diesel fuel, TCE, and other volatile organic compounds associated with former manufacturing operations at the site, and the site is currently active in the VCP. Based on separation distance and regulatory oversight of cleanup activities with active groundwater monitoring, this site does not represent a significant environmental concern to the subject property.

State/Tribal Brownfield Sites

No State/Tribal Brownfield Sites were identified within the specified radius from the subject property.

State/Tribal Institutional Control and Engineering Control

The State/Tribal Institutional Control and Engineering Control list consists of deed-restricted sites with environmental remediation associated with engineering or institutional controls.

The subject property was not listed on the State/Tribal Institutional Control and Engineering Control sites database.

Local Ascertainable Records in Database

The subject property addresses were identified in several of the local ascertainable records databases, summarized as follows:

- **135 West Avenue 34** (Map ID A5, 7, 10, 11, 13, 18, 19, 22, 23, 25, 27, 28, 31, 35) – this subject property address was identified in the HAZNET (12), RCRA NonGen/NLR, FINDS, and ECHO databases under the following operator names: Jardinero Productions, Birddog, Warner Bros., All About Steve Movie, Soul Productions LLC Ortiz Brothers Moving, Step Up 3D, Love & Basketball, Nurse Betty Productions, 20th Century Fox, and Olivers Arrow Movie.

  Ten of the HAZNET listings are associated with the disposal of wastes generated during film production, including very small quantities of various paints, latex gloves, fuel blends, and other organic solids (1999-2016); the remaining two HAZNET listings are associated with Ortiz Brothers Moving, including the disposal of waste oil and hydrocarbons (1997-1998).

  The RCRA NonGen/NLR listing, FINDS, and ECHO listings refer to the All About Steve Movie Site (2007), a former generator of hazardous ignitable waste from photographic film. There are no reported spills, releases, or violations associated with the 135 West Avenue 34 address. Based on the available information, the listings do not represent a significant environmental concern.

- **141 West Avenue 34** (Map ID A2, 4, 6, 15, 24, 26, 29, 32, 36, 38) – this subject property address was identified in the HAZNET (8), RCRA-SQG, FINDS, ECHO, EMI, HAZMAT, and CERS databases. The listings are associate with the following operator names: Touchstone Pictures, American Caster Corp, Tomcats, Five Continent Imports LLC, Lie To Me, ABC Signatures Studio, Battle of the Sexes, and Dreamworks Productions.

  Seven of the HAZNET listings are associated with the disposal of wastes generated during film production, including very small quantities of various paints, latex gloves, fuel blends, and other organic solids (1997-2017); and the other HAZNET listing is associated with American Caster Corp for the disposal of other organic solids, hydrocarbons, oil-containing waste, and paint sludge (1987-1996).

  The RCRA-SQG refers to American Caster Corp operations on the property in 1987 (specific type of waste not specified). American Caster Corp was also identified under a historic address, 157 West Avenue 34, in the HAZMAT database.

  The ECHO, EMI, and CERS listings refer to regulated air emissions at American Caster Corp, and indicate that the property was classified as a hazardous air pollutant (major). The listed site operations include hardware manufacturing, other metal valve and pipe fitting manufacturing, and ball and roller bearing manufacturing. There are no reported spills, releases, or violations associated with the 141 West Avenue 34 address. Based on the available information, the listings do not represent a significant environmental concern.

- **153 West Avenue 34** (Map ID A1) – this subject property address was identified under the operator name William Pile Enterprises and was identified in the HAZMAT database with a listing dated January 2019. The HAZMAT database is a list of facility and manifest data compiled by DTSC. No further information was provided by the listing. There are no reported spills or violations associated with the 153 West Avenue 34 address. Based on the available information, the listings do not represent a significant environmental concern.

- **3401 Pasadena Avenue** (Map ID A3, 14, 21, 30) – this subject property address was identified in the HAZNET (3) and EMI databases under the operator names 20th Century Fox, E D 1125 Inc, Elastic Coatings Org, and Bob Baker Production.

  Two of the HAZNET listings are associated with the disposal of wastes generated during film production, including very small quantities of various paints, latex gloves, fuel blends, waste oil, and other organic solids (2006-2007); and the other HAZNET listing is related to Elastic Coatings Organization for the disposal of unspecified solvent mixtures, pesticides, and alkaline solution without metals pH > 12.5 (1993).

  The EMI listing refers to air emissions (total organic hydrocarbons and reactive organic gases) associated with Bob Baker Productions, a film production company (1990). There are no reported spills, releases, or violations associated with the 3401 Pasadena Avenue address. Based on the available information, the listings do not represent a significant environmental concern.

- **3433 Pasadena Avenue** (Map ID A8, 9, 12, 16, 17, 20, 33, 34, 37) – this subject property address was identified in the HAZNET (8), FINDS, ECHO, and RCRA NonGen/NLR databases under the operator names Gone Girl, Moneyball, Informant Productions, End of Watch LLC, Warner Bros. Hangover 3, Hotel for Dogs, and Fox Gone Girl.

  All of the HAZNET listings are associated with the disposal of wastes generated during film production, including very small quantities of various paints, latex gloves, fuel blends, and other organic solids (2008-2014). The RCRA NonGen/NLR, FINDS, and ECHO listings refer to operations associated with filming the Warner Bros Hangover 3 movie (2010-2012), a former generator of the following hazardous waste: ignitable waste; methyl ethyl ketone; and non-halogenated solvents. There are no reported spills, releases, or violations associated with the 135 West Avenue 34 address. Based on the available information, the listings do not represent a significant environmental concern.

Orphan Listings

Orphan listing consists of sites that are provided in the regulatory database; however, due to poor or inadequate address information were not mapped.

The subject property or other sites in immediate vicinity were not listed in orphan summary. Therefore, the listed sites are not expected to represent a significant environmental concern.

6.2 Proprietary Database Listings

The subject property was not identified on the EDR proprietary records databases.

6.3 Vapor Encroachment Condition

ASTM E2600-10 Standard Guide for Vapor Encroachment Screening (VES) on Property Involved in Real Estate Transactions was used as guidance for conducting a VES for the subject property. The purpose of the screening is to determine whether a Vapor Encroachment Condition (VEC) exists from chemicals of concern (COC*)* that may migrate as vapors onto a property as a result of contaminated soil and groundwater on or near the subject property. Current or past uses such as gas stations (using petroleum hydrocarbons), dry cleaning establishments (using chlorinated volatile organic compounds), former manufactured gas plant sites (using volatile and semi-volatile organic compounds), and former industrial sites such as those that had vapor degreasing or other parts-cleaning operations (using chlorinated volatile organic compounds) are of particular concern. COC vapors are capable of migrating great distances omni-directionally along subsurface conduits such as utility lines, pipelines, sewer and storm water lines, and building fountains which may represent a potential VEC in connection with the subject property. There are two levels of screening for VECs:

<u>Tier 1 Vapor Encroachment Screen</u>
Tier 1 screening is an investigation of known or suspected contaminated properties within a given radius, government records, investigation, historical research, etc. The research radius varies based on the COC at the contaminated site due to chemicals having different migration properties. For sites with petroleum hydrocarbon COC, the search distance is 528 feet (1/10 mile). For contaminated sites with non-petroleum hydrocarbon (other volatile compounds) COC, the search radius is 1,760 feet (1/3 mile) from the contaminated site to the boundary of the subject property.

A total of eight sites were identified in the Radius Map Report and historical research within the "Area of Concern" that were considered to pose a potential VEC at the subject property based on the Tier 1 Evaluation. Tier 1 sites are:

- **3505 Pasadena Avenue** (Map ID B41-47) – this site was identified under the operator name Former Welch's Uniform Services and is located adjacent to and north of the subject property. The site is listed in the following databases from the report: UST (2), RCRA-LQG, ENVIROSTOR, LUST, CPS-SLIC (2), VCP, SWEEPS UST, HIST UST, CA FID UST, FINDS, ECHO, EMI, HIST CORTESE, CERS, DRYCLEANERS, HAZMAT, and EDR Hist Cleaner. The site was previously described in the RCRA generators sub-section above. Based on regulatory oversight and on-going SVE remediation with semi-annual groundwater monitoring, and the most recent (2016) analytical data available, this site does not represent a VEC to the subject property.

- **3500 Pasadena Avenue** (Map ID F61, 62) – this site was identified under the operator names Smith W P and Chuy Carburetors, and is located approximately 250 feet northeast of the subject property. The site is listed in the EDR Hist Cleaner and HAZMAT databases. The EDR Hist Cleaner

database is dated 1924, and the HAZMAT listing is currently active. There are no reported spills, releases, or violations associated with the site. Based on the available information, this site does not represent a VEC to the subject property.

- **3225 Lacy Street** (Map ID H67-73) – this site was identified under the operator names Heath & Co, and Maintenance and Operations New Maintenance Company for the Los Angeles Unified School District. The site is located approximately 350 feet southwest of the subject property, and is listed in the following databases from the report: HIST UST, UST, SWEEPS UST, CA FID UST, RCRA-LQG, HAZMAT, LUST, FINDS, ECHO, HIST CORTESE, and CERS.

  The RCRA-LQG, HAZMAT, FINDS, ECHO, HIST CORTESE, and CERS listings indicate the facility is a large-quantity generator of the following hazardous wastes: ignitable waste, corrosive waste, lead, and mercury. There are no reported violations associated with the property. Based on separation distance and site closure status, this site does not represent a VEC to the subject property.

- **3209 East Humboldt Street (**Map ID I74-78) – this property is located approximately 600 feet south of the subject property, and was identified under the operator ITT Cannon / Kennington. The site is listed in the following databases from the report: HAZMAT, UST, RCRA-SQG, FINDS, SEMS, ENVIROSTOR, VCP, SWEEPS UST, CA FID UST, DEED, HIST CORTESE, CPS-SLIC, LA Co. Mitigation, and CERS.

  The SEMS, ENVIROSTOR, VCP, HIST CORTESE, FINDS, CPS-SLIC, and LA Co. Mitigation listings indicate that the property is a Superfund site with environmental investigations dating back to 1990, due to battery and electronics manufacturing on the property, including lead, PCBs, tetrachloroethene (PCE), and trichloroethene (TCE). The site was enrolled in the Voluntary Cleanup Program (VCP) in 1993, and remedial activities to date have included the excavation of soil approximately 46 feet below ground surface with off-site disposal of 18,000 cubic yards of contaminated soil. The site is still being actively monitored by the DTSC Site Cleanup Program. The DEED listing refers to land-use restrictions imposed on the site as part of the VCP agreement.

  The RCRA-SQG and HAZMAT listings indicate the property is a small quantity generator of hazardous waste, including polychlorinated biphenyls (PCBs) and lead (1998-2006). Based on separation distance and regulatory oversight of cleanup activities with active groundwater monitoring, this site does not represent a VEC to the subject property.

- **3580 Pasadena Avenue** (Map ID J94-97) – this site was identified under the operator name Flavor Food Inc. and is located approximately 700 feet northeast of the subject property. The site is listed in the following databases from the report: SWEEPS UST, CA FID UST, LUST, HIST UST, HIST CORTESE, CERS, and UST.

  The UST listings refer to three 9,000-gallon gasoline USTs installed in and removed in 1986. The LUST listing refers to a gasoline release reported in October1986 during tank removal with

regulatory closure status in November 1986. There are no reported violations associated with the property. Based on separation distance and site closure status, this site does not represent a VEC to the subject property.

- **3101 Artesian Street** (Map ID N98-104) – this site was identified under the operator names Lincoln Heights District and P D D Construction MTNC. The site is located approximately 730 feet southwest of the subject property, and is listed in the following databases from the report: SWEEPS UST, CA FID UST, UST (2), LUST (2), RCRA-SQG, FINDS, ECHO, HAZMAT, CERS HAZ WASTE, HIST UST (2), CERS TANKS, HIST CORTESE, and CERS.

  The UST listings refer to four active 5,000-gallon diesel fuel USTs on the property. The LUST listings refer to petroleum releases reported in 1991 with regulatory closure status in 1997.

  The CERS HAZWASTE and ECHO listings refer to the following violations: violations reported in 2016 due to failure to comply with one or more of the following, failure to property label hazardous waste accumulation containers, and a violation for failure to maintain uniform hazardous waste manifests for three years; : failure to install a spill bucket, have a functional drain valve or other method for the removal of liquid from the spill bucket/spill container, and/or be resistant to galvanic corrosion; violations reported in 2018 due to failure to submit a complete and accurate application for a permit to operate a UST, or for renewal of the permit, and a violation for failure to submit or maintain a current facility plot plan; a violation reported in 2017 due to the failure to maintain records of repairs, lining, and upgrades on site; and a violation in 2013 for failure to obtain and/or maintain an active hazardous waste generator permit. Refer to the database report for more information.

  The RCRA-SQG, FINDS, HAZMAT, and CERS listings indicate the facility is a small-quantity generator of hazardous waste (1996). Based on separation distance from the subject property, this site does not represent a VEC to the subject property.

- **301 West Avenue 26** (Map ID S127-128) – this property is located approximately 1,700 feet southwest of the subject property and was identified under the operator names Jaybee and Ajax Manufacturing. The site is listed in the ENVIROSTOR, VCP, EMI, and SEMS databases. The listings indicate the property was discovered as contaminated in 1994, with a discovery date of 2000. The site was listed as a Superfund site in 2002. The contaminants of concern include lead, PAHs, PCE, diesel fuel, TCE, and other volatile organic compounds associated with former manufacturing operations at the site, and the site is currently active in the VCP. Based on separation distance and regulatory oversight of cleanup activities with active groundwater monitoring, this site does not represent a VEC to the subject property.

- **400 West Avenue 26** (Map ID T129, 130, 133) – this site was identified under the operator name Lacy's Street Dump and is located approximately 1,700 feet southwest of the subject property. The site is listed in the WMUDS/SWAT, LDS, CERS (2), and SWF/LF (2) databases. The listings indicate that the property operated as a landfill in 1975 and is listed as currently closed. The site

achieved regulatory closure status with DTSC in 2016. Based on separation distance and regulatory closure status, this site does not represent a VEC to the subject property.

In our opinion, none of the other sites listed pose a significant threat to the subject property as there is no indication of a release at the respective sites, a release has occurred but the medium affected was the soil only and the site is beyond the critical distance of 100 feet, or the site location and/or plume of contamination is in excess of the critical distance of 100 feet from the subject property. Thus, a VEC can be ruled out because a VEC does not or is not likely to exist at the subject property.

6.4 Agency Records

The following state and local agencies were contacted in reference to the subject property:

- Los Angeles County Fire Department (LACoFD)
- Los Angeles County Department of Public Works (LADPW)
- Department of Toxic Substances Control/ Envirostor (DTSC)
- State Water Resources Control Board (SWRCB)
- South Coast Air Quality Management District (SCAQMD)
- California Department of Conservation – Department of Oil and Geothermal Gas (CA-DOGG)

No records were found for the subject property from the above agencies.

· 7.0 CONCLUSIONS & RECOMMENDATIONS ·

FR has conducted a Phase I Environmental Site Assessment in accordance with the American Society for Testing and Materials (**ASTM**) Standard Practice E1527-13 and Environmental Protection Agency Standards and Practices for All Appropriate Inquiries (40 CFR Part 312) for the subject property addressed at **135, 141 & 153 West Avenue 34, and 3401 & 3433 Pasadena Avenue, Los Angeles, Los Angeles County, California 90031**. This assessment has revealed no evidence of Recognized Environmental Conditions (RECs) during the course of this assessment with the property except for those previously identified in the *Findings* section.

FR recommends no further investigations for the subject property at this time.

· 8.0 REFERENCES ·

- United States Geological Survey's 7.5-minute topographic quadrangle map of Los Angeles, California.
- California Online Geotracker Database Website (geotracker.swrcb.ca.gov)
- City of Los Angeles Building and Safety Department
- USEPA's Map of Radon Zones produced by the USEPA.
- Aerial photographs provided by Environmental Data Resources, Inc.
- City Directories provided by Environmental Data Resources, Inc.
- Fire insurance maps, provided by Environmental Data Resources, Inc.
- The EDR Radius Map with GeoCheck, produced by Environmental Data Resources, Inc.
- SCAQMD FINDS Compliance database (www.aqmd.gov)
- Department of Toxic Substances Control EnviroStor Database (www.envirostor.dtsc.ca.gov)

PREVIOUS REPORT REFERENCES

- *Phase I Environmental Site Assessment – 135, 141 and 153 West Avenue 34 and 3401 and 3433 Pasadena Avenur, Los Angeles, California 90031, prepared by Orswell & Kasman, Inc, September 28, 2012.*
- *Phase I Environmental Site Assessment – 135, 141 and 153 West Avenue 34 and 3401 and 3433 Pasadena Avenue, Los Angeles, California 90031, prepared by Orswell & Kasman, Inc, September 28, 2012.*

· 9.0 ACRONYMS ·

ACM – asbestos-containing material
AST – aboveground storage tank
ASTM – American Society for Testing and Materials
AUL – Activity and Use Limitations
bgs – below ground surface
CERCLA – Comprehensive Environmental Response, Compensation and Liability Act of 1980 (as amended, 42 USC § 9601 et seq.)
CERCLIS – Comprehensive Environmental Response, Compensation and Liability Information System (maintained by EPA)
CFR – Code of Federal Regulations
CORRACTS – Facilities subject to Corrective Action under RCRA
EA – Environmental assessment
ECRA – Environmental Cleanup Responsibility Act
EDR – Environmental Data Resources, Inc.
EPA – United States Environmental Protection Agency
EPCRA – Emergency Planning and Community Right to Know Act ((also known as SARA Title III), 42 USC § 11001 et seq.)
ERNS – Emergency Response Notification System
ESA – Environmental Site Assessment (different than an *environmental compliance audit*, 3.2.27)
FOIA – U.S. Freedom of Information Act (5 U.S.C. §552 as amended by Public Law No. 104-231, 110 Stat.)
FR – Federal Register
HREC – Historical recognized environmental condition
ICs – Institutional Controls
ISRA – Industrial Site Recovery Act
LBP – Lead-based paint
LLP – Landowner Liability Protections under the *Brownfields Amendments*
LRST – Leaking registered storage tank
LUST – Leaking underground storage tank
MSDS – Material safety data sheet
NCP – National Contingency Plan
NFRAP – former CERCLIS sites where no further remedial action is planned under CERCLA
NPDES – National Pollutant Discharge Elimination System
NPL – National Priorities List
NVLAP – National Voluntary Laboratory Accreditation Program
OSHA – Occupational Safety and Health Administration
PACM – Presumed asbestos-containing material
PCBs – Polychlorinated biphenyls
PLM – Polarized light microscopy
PRP – Potentially responsible party (pursuant to CERCLA 42 USC § 9607(a))
RCRA – Resource Conservation and Recovery Act (as amended, 42 USC § 6901 et seq.)
RCRIS – Resource Conservation and Recovery Act Information System
REC – Recognized environmental condition
ROC – Record of communication
RST – Registered storage tank
SACM – Suspect asbestos-containing material
SARA – Superfund Amendments and Reauthorization Act of 1986 (amendment to CERCLA)
SIC – Standard Industrial Classification
TEM – Transmission electron microscopy
TSDF – Hazardous waste treatment, storage or disposal facility
USC – United States Code
USEPA –United States Environmental Protection Agency
USGS – United States Geological Survey
UST – Underground storage tank

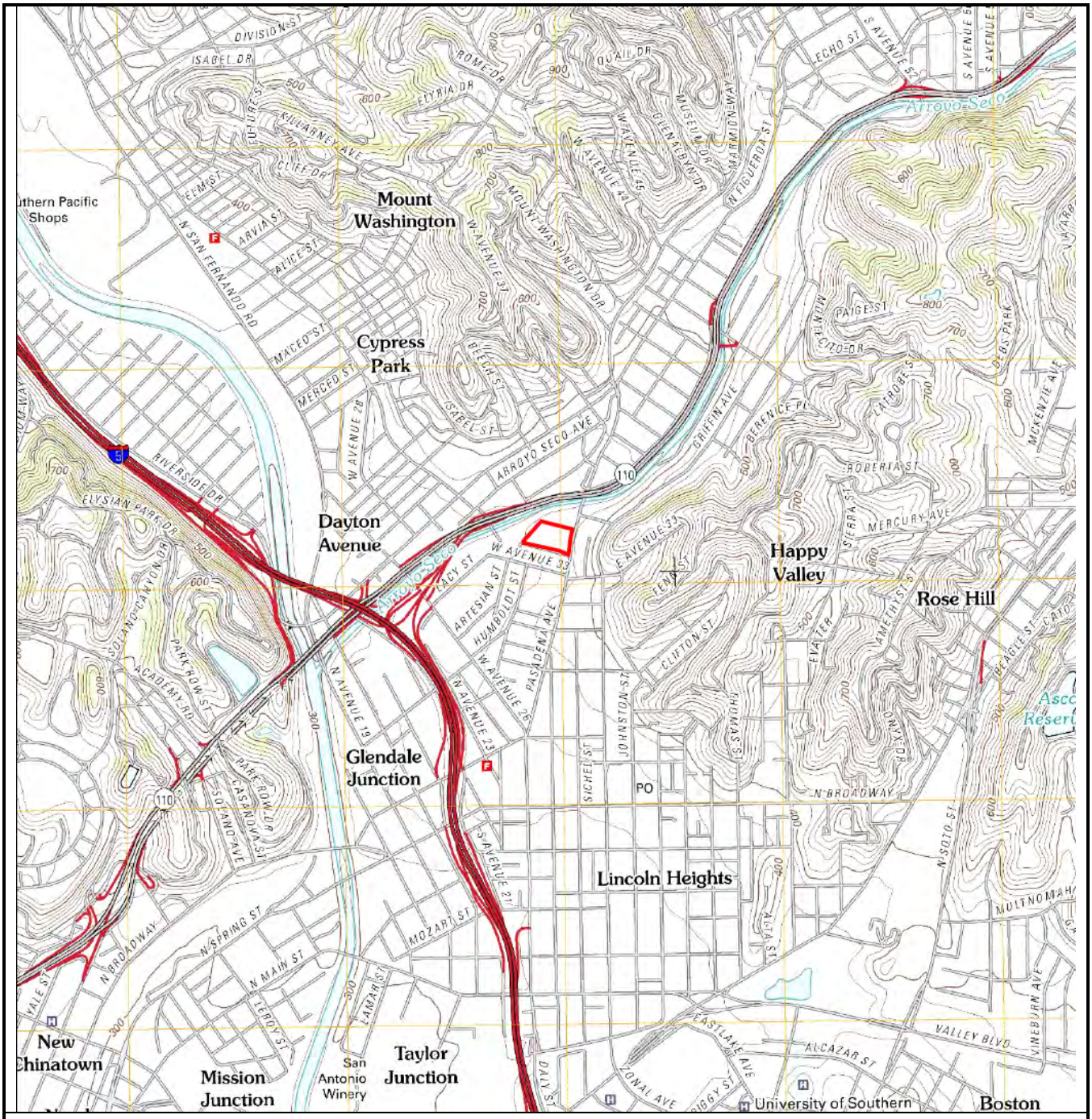


Figure 1: Site Location Map

(USGS 7.5-minute series Los Angeles, California 2012)

Project Number: 201906-5738	**Property Address:** 135, 141 &153 West Avenue 34; and 3401 & 3433 Pasadena Avenue Los Angeles, California 90031
Fulcrum Resources Environmental	

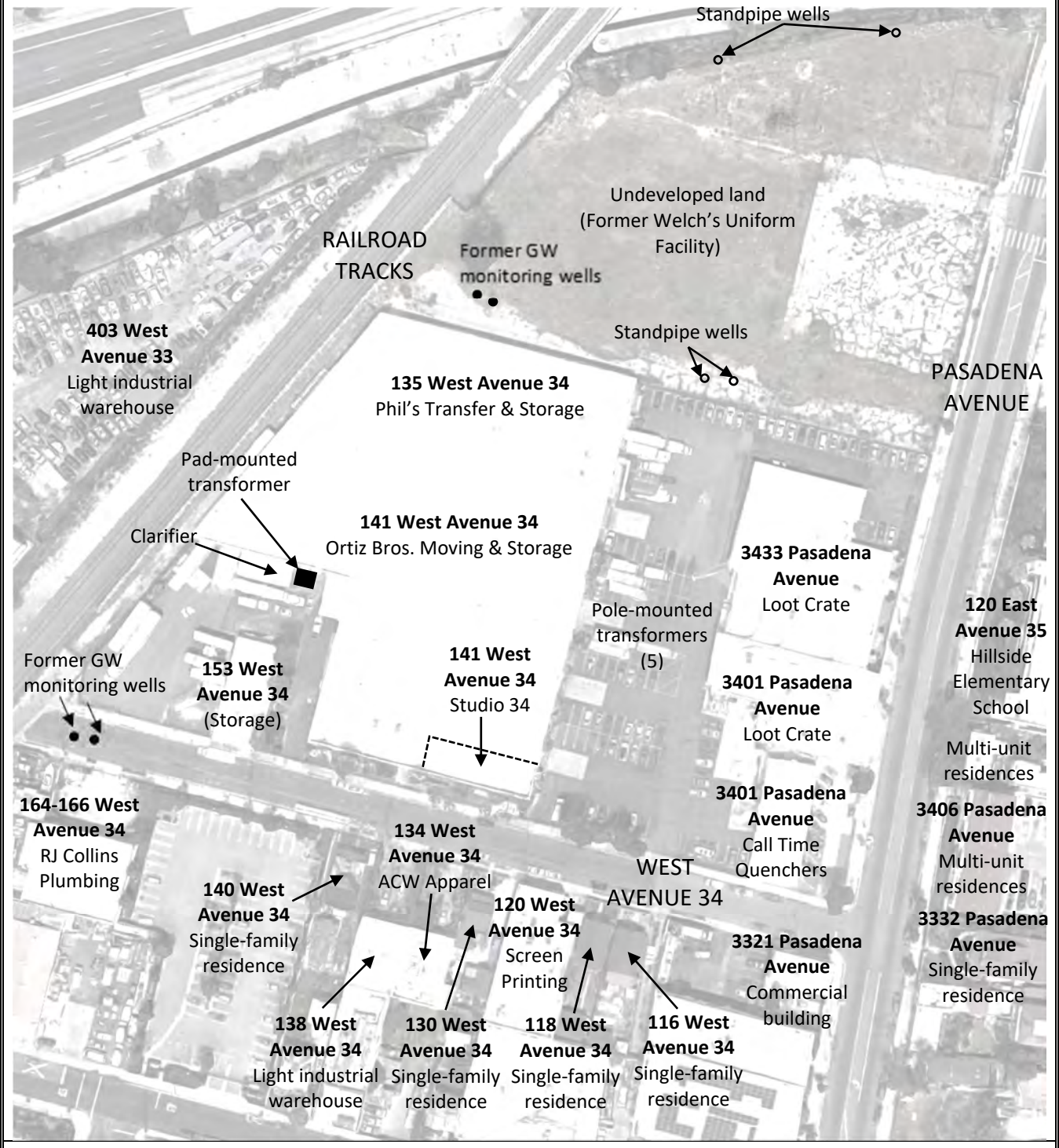


Figure 2: Subject Property Layout

Project Number: 201906-5738	**Property Address:** 135, 141 & 153 West Avenue 34 and 3401 & 3433 Pasadena Avenue, Los Angeles, CA 90031
Fulcrum Resources Environmental	

Figure 3: Subject Property Vicinity

Project Number: 201906-5738	**Property Address:** 135, 141 &153 West Avenue 34; and 3401 & 3433 Pasadena Avenue Los Angeles, California 90031	
Fulcrum Resources Environmental		

FIGURE 3 MAP LEGEND

Map ID (EDR)	Name	Address	Distance / Direction
A1	WILLIAM PILE ENTERPRISES	153 W AVE 34	TARGET PROPERTY
A2,4, 6, 15, 24, 26, 29, 32, 36	TOUCHSTONE PICTURES / AMERICAN CASTER CORP / TOMCATS / FIVE CONTINENT IMPORT / LIE TO ME / ABC SIGNATURE STUDIO / BATTLE OF THE SEXES / DREAMWORKS PRODUCTIONS	141 W AVE 34	TARGET PROPERTY
A3, 14, 21, 30	20TH CENTURY FOX / E D 1125 INC / ELASTIC COATINGS ORG / BOB BAKER PRODUCTION	3401 PASADENA AVE	TARGET PROPERTY
A5, 7, 10, 11, 13, 18, 19, 22,23, 25, 27, 28, 31, 35	JARDINERO PRODUCTION / BIRDDOG / WARNER BROS . ALL ABOUT STEVE MOVIE / SOUL PRODUCTIONS LLC / ORTIZ BROTHERS MOVING / STEP UP 3D / ORTIZ BROS MOVING / LOVE & BASKETBALL / NURSE BETTY PRODUCTIONS / 20TH CENTURY FOX / OLIVERS ARROW MOVIE	135 W AVE 34	TARGET PROPERTY
A8,9, 12, 16, 17, 20, 33, 34, 37	GONE GIRL / MONEYBALL / INFORMANT PRODUCTION / WARNER BROS HANGOVER / HOTEL FOR DOGS	3433 PASADENA AVE	TARGET PROPERTY
38	AMERICAN CASTER CORP	157 W AVE 34	HISTORIC TARGET PROPERTY
39		3445 PASADENA AVE	ADJACENT NORTH
40		3360 PASADENA AVE	ADJACENT EAST
B41-47	FORMER WELCHS UNIFORM UNIFORM SERVICES	3505 N PASADENA AVE	ADJACENT NORTH
C48-52	CALIFORNIA DEPARTMENT OF FOOD & AGRICULTURE	403 W AVE 33	ADJACENT WEST
F65-66	LAUSD - HILLSIDE ELEMENTARY	120 E AVENUE 35	ADJACENT EAST
D53-54	RUSSING ENGINEERING	211 W AVE 33	~165 ft south
D55-56	ADIN OF CALIFORNIA	119 W AVE 33	~165 ft south
E57	JS AUTOBODY	315 W AVE 33	~165 ft south
E58-60	G&G AIR CONDITIONING	311 W AVE 33	~165 ft south
F61-62	SMITH W P / CHUY CARBURATORS	3500 PASADENA AVE	~250 ft northeast
G63-64	LA DWP - DISTRIBUTION / DISTRIBUTING STATION	3436 N MARMION WAY	~385 ft north
H67-73	HEATH AND COMPANY / MAINTENANCE AND OPERATIONS	3225 LACY ST	~350 ft southwest
I74-78	ITT CANNON / KENNINGTON	3209 E HUMBOLDT ST	~600 ft south
79		3300 GRIFFIN AVE	~625 ft southeast
I80-81	SELF-REALIZATION FELLOWSHIP CHURCH	3208 HUMBOLDT STREET	~525 ft south
J82		3511 CARLOTA BLVD	~700 ft northeast
K83-86	LOS ANGELES USD LORETO ELEM SCHOOL	3408 ARROYO SECO AVE	~415 ft northwest
L87	SIMPLEX GRINNELL	2684 E LACY ST	~725 ft southwest
J88	MR DUNG THAI	3543 PASADENA AVE	~815 ft north
J89-90	JSL FOODS INC	3550 PASADENA AVE	~700 ft northeast
J91		3545-55 PASADENA AVE	~830 ft north
M92	LINE 765 RECEIVER	CYPRESS AVE & ARROYO	~835 ft west
M93	JORDAN NUCLEAR CO	3244 N ARROYO SECO	~835 ft west
J94-97	FLAVOR FOOD INC	3580 PASADENA AVE	~700 ft northeast
N98-N104	LINCOLN HEIGHTS DIST / P D D CONSTRUCTION M	3101 ARTESIAN ST	~730 ft southwest
L105	LA LACY STREET TRANS	2661 LACY ST	~1565 ft southwest
N119	NI WEST INCORPORATED	3011 HUMBOLDT STREET	~1125 ft south
S127	JAYBEE / AJAX MFG COR	301 WEST AVE 26	~1700 ft southwest
T129-130, W133	LACY STREET / LA CIT	400 W AVE 26	~1700 ft southwest
W134	PROPOSED AMCAL MULTI	306-360 W AVE 26	~1800 ft southwest
136, 145	BARON MANUFACTURING	241 AVENUE 26	~1800 ft southwest
W137	THE E B MALONE CORP	306-360 AVENUE 26	~1775 ft southwest

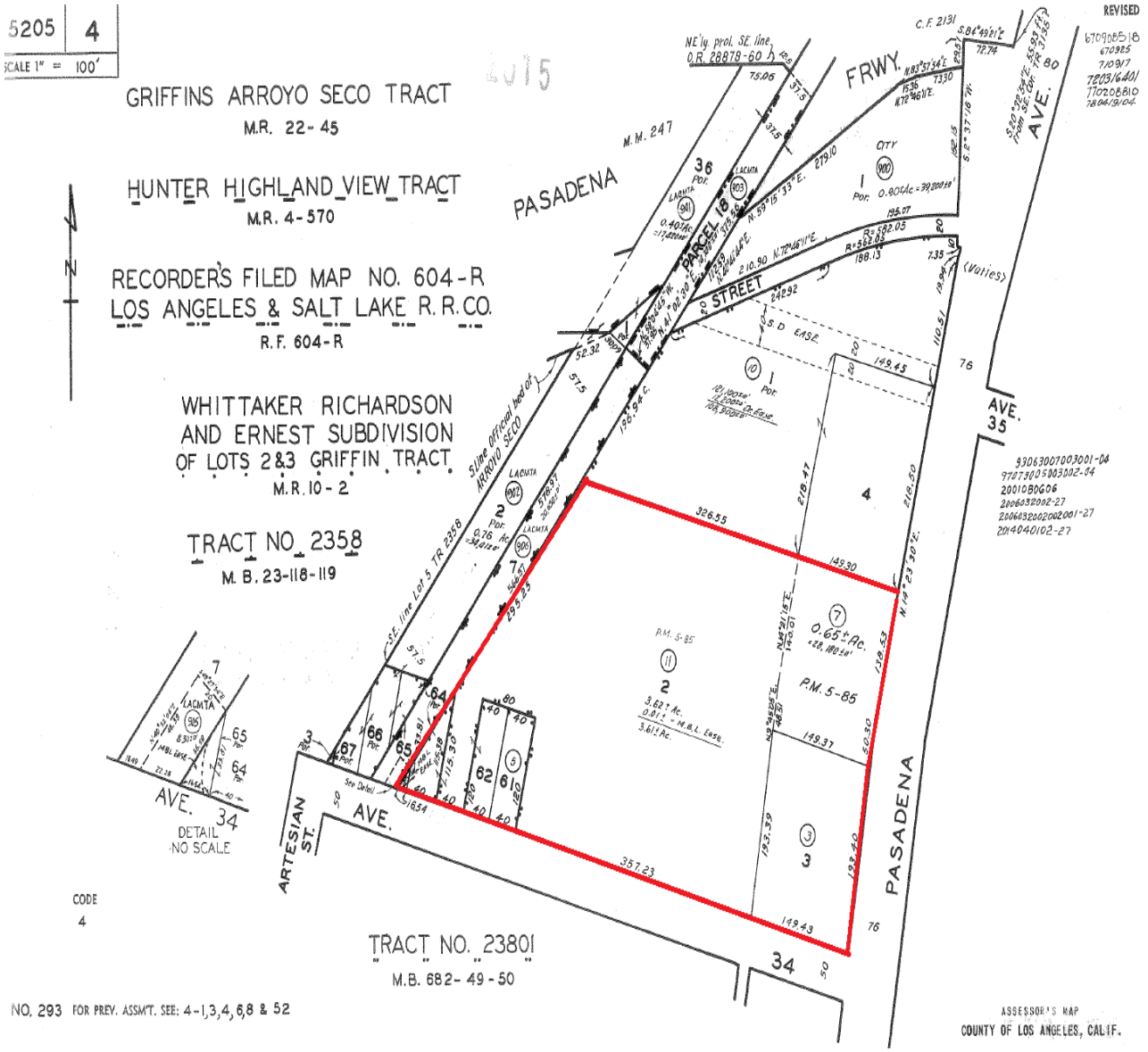


Figure 4: Parcel Map

Project Number: 201906-5738	**Property Address:** 135, 141 &153 West Avenue 34; and 3401 & 3433 Pasadena Avenue Los Angeles, California 90031
Fulcrum Resources Environmental	

Appendix A

Photographs

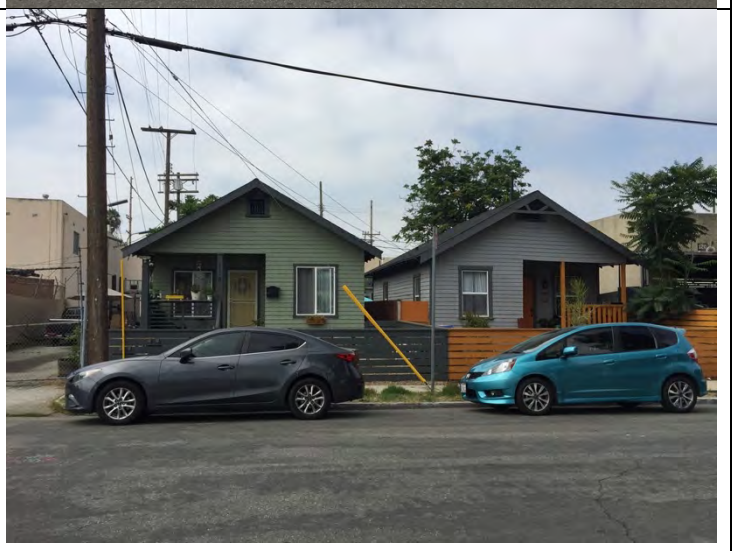
Photo 1. View of subject property parking lot and pole-mounted transformers and powerlines; northeast-facing view	
Photo 2. View of south adjacent property	
Photo 3. View of additional south adjacent properties; 116-118 West Avenue 34; single-family residences	

Photo 4. View of additional south adjacent property; 120 West Avenue 34	
Photo 5. View of additional south adjacent property; 138 West Avenue 34; light industrial warehouse	
Photo 6. View of additional south adjacent property; 140 West Avenue 34; single-family residence	

Photo 7. View of additional south adjacent property; 166-168 West Avenue 34; light industrial warehouses	
Photo 8. Railroad tracks located to the west of subject property	
Photo 9. View of location of former groundwater monitoring wells in West Avenue 34 public throughway	

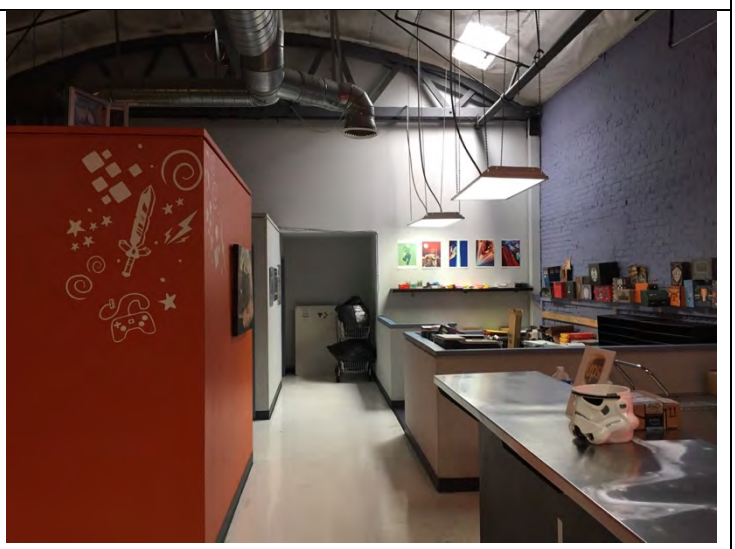
Photo 10. View of east adjacent properties across Pasadena Avenue	
Photo 11. View of entrance of 3401 Pasadena Avenue and additional parking area; north-facing view	
Photo 12. Interior view of 3401 Pasadena Avenue occupied by Loot Crate	

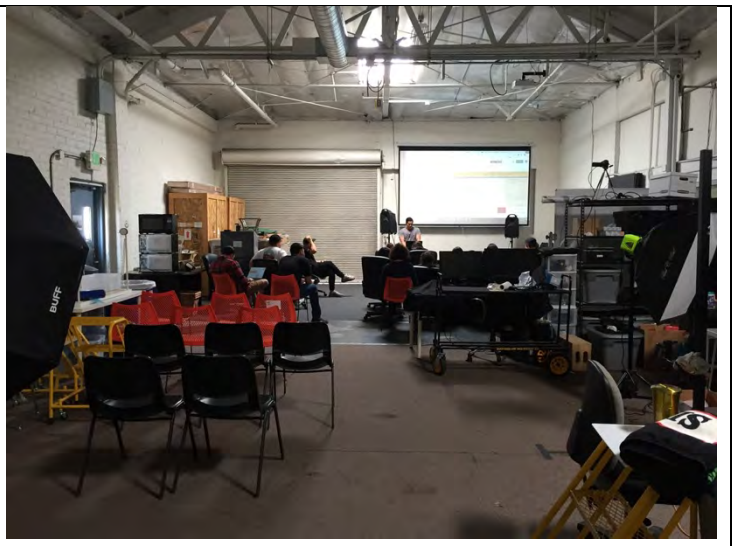
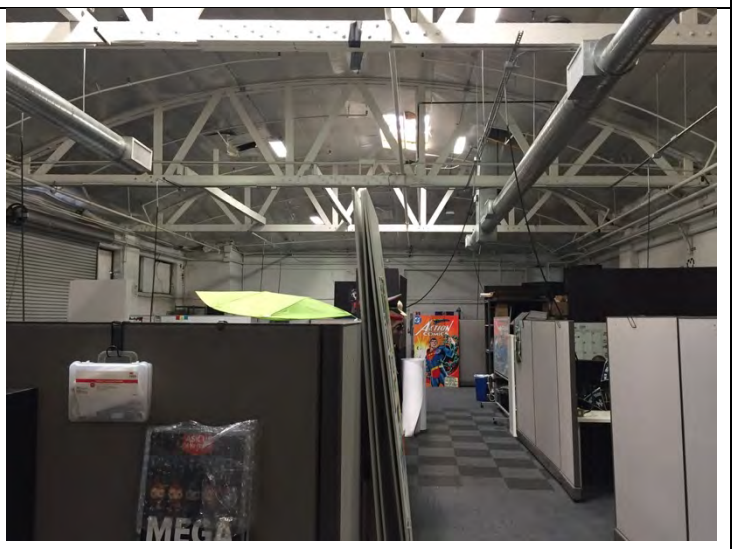
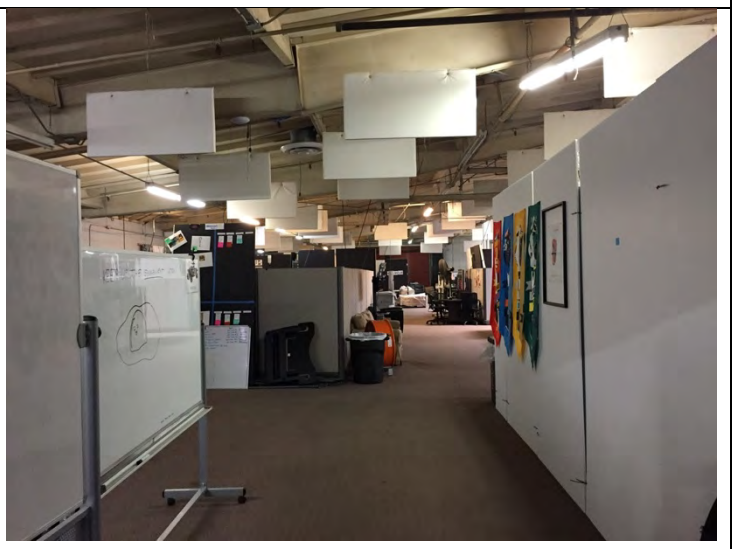
Photo 13. View of conference room in 3401 Pasadena Avenue; steel truss ceiling with exposed insulation; carpeted floor; concrete block walls	
Photo 14. Additional interior view of 3401 Pasadena Avenue	
Photo 15. Interior view of 3433 Pasadena Avenue; steel ceiling; hanging acoustic tiles; office space	

Photo 16. Additional interior view of 3433 Pasadena Avenue	
Photo 17. View of canopied parking area and northern boundary of subject property; west-facing view	
Photo 18. View of front of 135 West Avenue 34; Phil's Transfer & Storage	

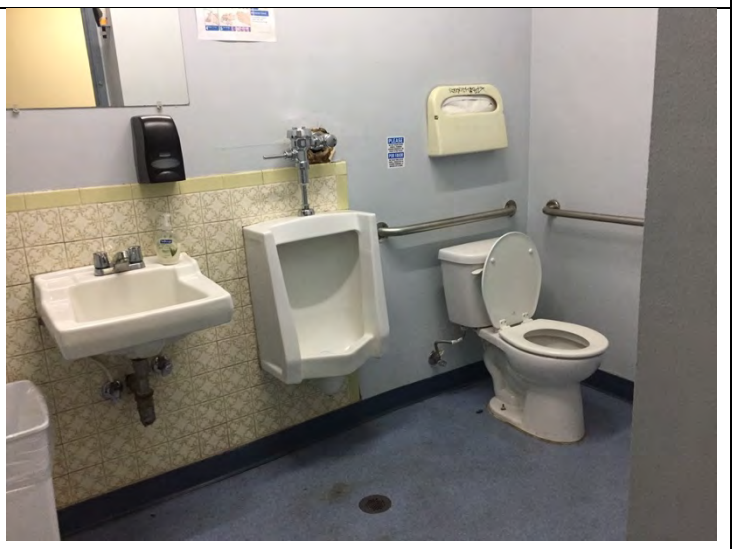
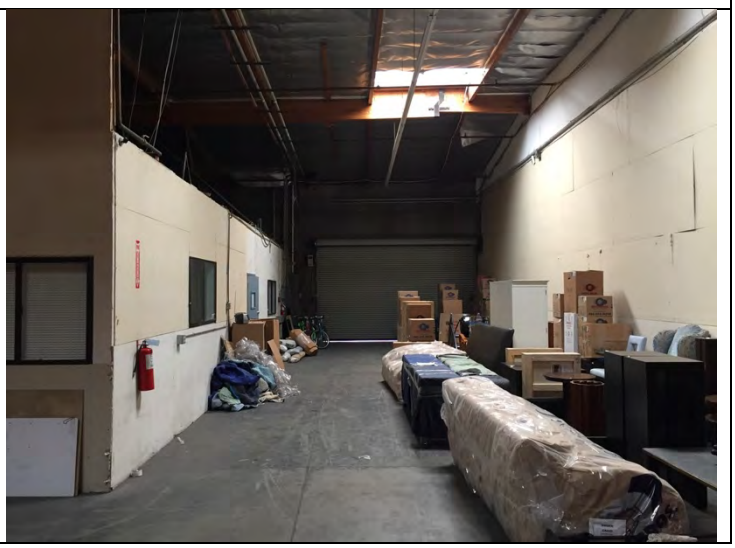
Photo 19. Interior view of 135 West Avenue 34; office space; ceiling tile in metal grid; linoleum tile flooring; drywall interior walls	
Photo 20. View of bathroom in 135 West Avenue 34	
Photo 21. 135 West Avenue 34 warehouse space and roll-up door	

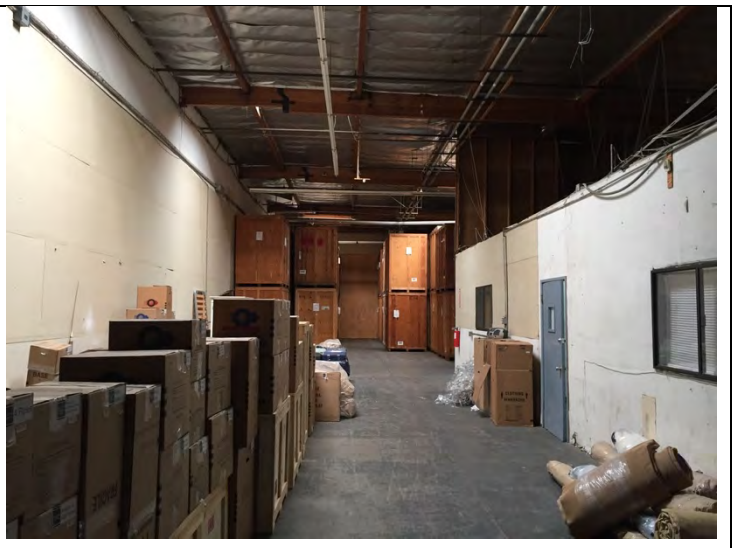
Photo 22. Additional view of 135 West Avenue 34 warehouse space; wooden crates for storage	
Photo 23. Warehouse space of 141 West Avenue 34; Ortiz Bros. Moving & Storage; stacked storage crates	
Photo 24. View of file storage shelves and storage crates in warehouse of 141 West Avenue 34	

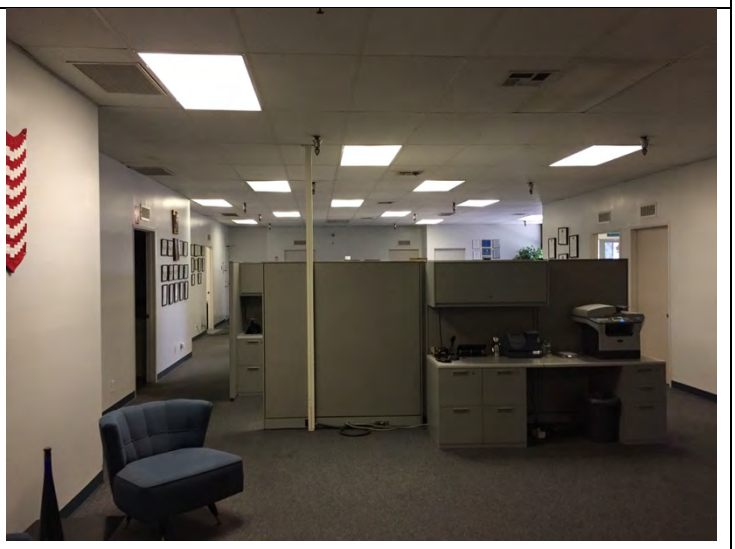
Photo 25. Additional view of file storage shelves and storage crates in warehouse of 141 West Avenue 34	
Photo 26. Office space in southern portion of 141 West Avenue 34; ceiling tile in metal grid; carpeted floor	
Photo 27. Caged pad-mounted transformer located in southwest portion of subject property	

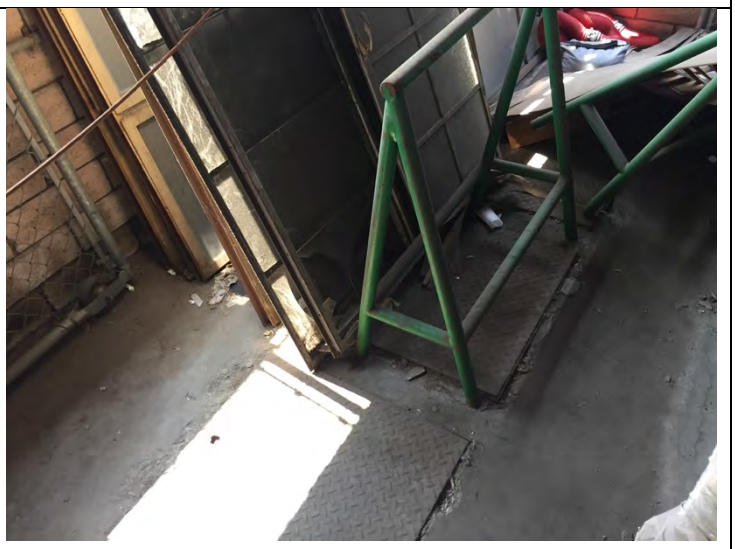
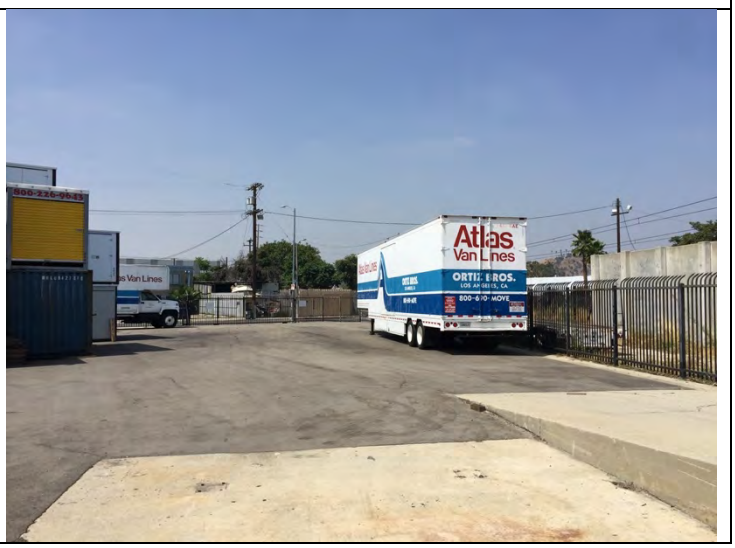
Photo 28. Canopied storage area near transformer in southwestern portion of subject property	
Photo 29. Three-stage clarifier in rear of canopied area	
Photo 30. Open storage space in southwestern portion of subject property	

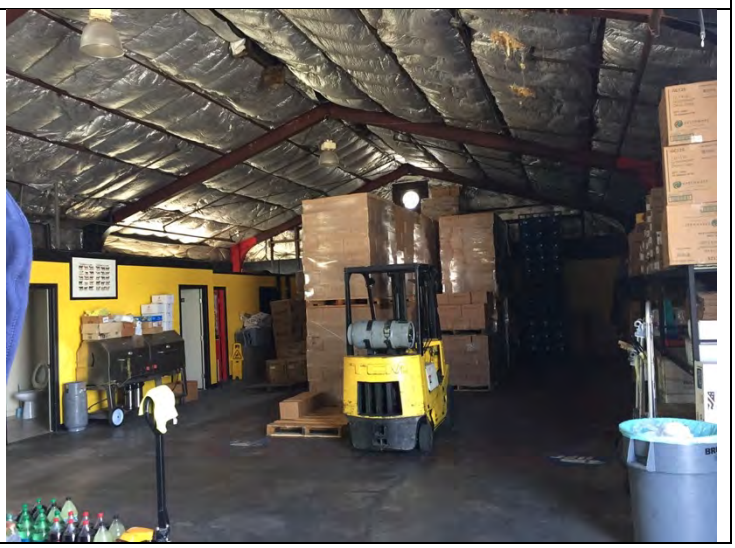
Photo 31. Interior view of 153 West Avenue 34; brick and corrugated steel warehouse used for storage; wood truss domed ceiling	
Photo 32. View of southern boundary of subject property; west-facing view	
Photo 33. Interior view of 3401 Pasadena Avenue warehouse occupied by Call time Quenchers; shipping and storage of water and beverages; concrete-slab floor; pitched roof	

Photo 34.View of concrete slab floor of 3401 Pasadena Avenue with floor drain underneath wooden pallet	
Photo 35. View of driveway/asphalt paved area between 153 West Avenue 34 and 141 West Avenue 34	
Photo 36. Standpipe wells observed on north adjoining property	

Appendix B

Historic Record Search

135 141 153 West Avenue 34; 3401 3433 Pasadena Ave

135 141 153 West Avenue 34; 3401 3433 Pasadena Ave

Los Angeles, CA 90031

Inquiry Number: 5694144.8

June 24, 2019

The EDR Aerial Photo Decade Package

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

06/24/19

Site Name:

135 141 153 West Avenue 34;
135 141 153 West Avenue 34;
Los Angeles, CA 90031
EDR Inquiry # 5694144.8

Client Name:

Fulcrum Resources Environmental
517 S. Ivy Avenue
MONROVIA, CA 91016
Contact: Rose Mireles

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

Year	Scale	Details	Source
2016	1"=500'	Flight Year: 2016	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2005	1"=500'	Flight Year: 2005	USDA/NAIP
2002	1"=500'	Flight Date: June 10, 2002	USDA
1994	1"=500'	Acquisition Date: May 31, 1994	USGS/DOQQ
1989	1"=500'	Flight Date: August 22, 1989	USDA
1983	1"=500'	Flight Date: November 19, 1983	EDR Proprietary Brewster Pacific
1977	1"=500'	Flight Date: April 25, 1977	EDR Proprietary Brewster Pacific
1970	1"=500'	Flight Date: February 08, 1970	EDR Proprietary Brewster Pacific
1964	1"=500'	Flight Date: July 28, 1964	USGS
1952	1"=500'	Flight Date: August 02, 1952	USGS
1948	1"=500'	Flight Date: July 10, 1948	USGS
1938	1"=500'	Flight Date: May 06, 1938	USDA
1928	1"=500'	Flight Date: January 01, 1928	FAIR
1923	1"=500'	Flight Date: January 01, 1923	FAIR

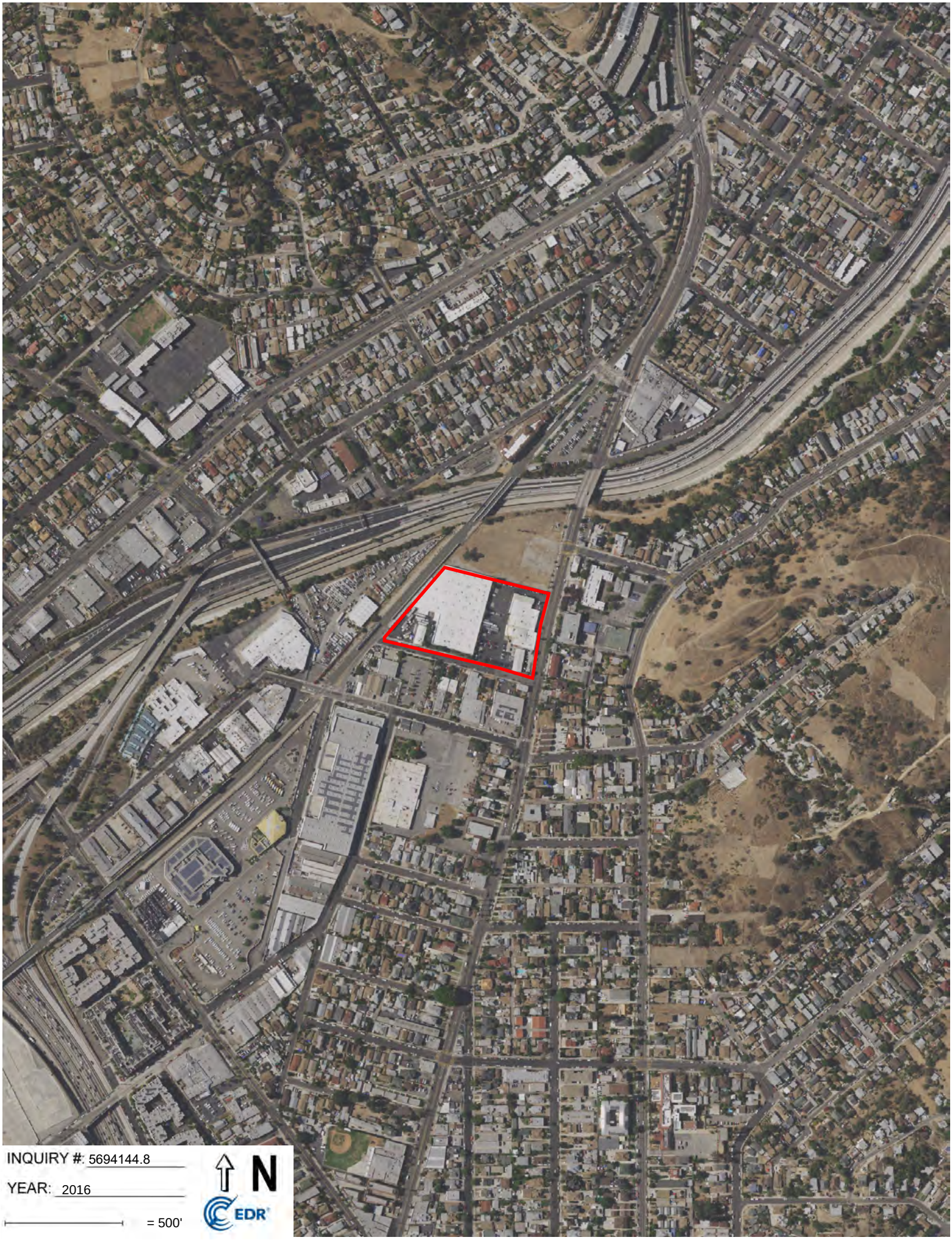
When delivered electronically by EDR, the aerial photo images included with this report are for ONE TIME USE ONLY. Further reproduction of these aerial photo images is prohibited without permission from EDR. For more information contact your EDR Account Executive.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2019 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.


INQUIRY #: 5694144.8
YEAR: 2016
= 500'
N
EDR

INQUIRY #: 5694144.8
YEAR: 2012
= 500'
N
EDR

INQUIRY #: 5694144.8
YEAR: 2009
= 500'
N
EDR

INQUIRY #: 5694144.8
YEAR: 2005
= 500'
N
EDR

INQUIRY #: 5694144.8
YEAR: 2002
= 500'
N
EDR

INQUIRY #: 5694144.8
YEAR: 1994
= 500'
N
EDR

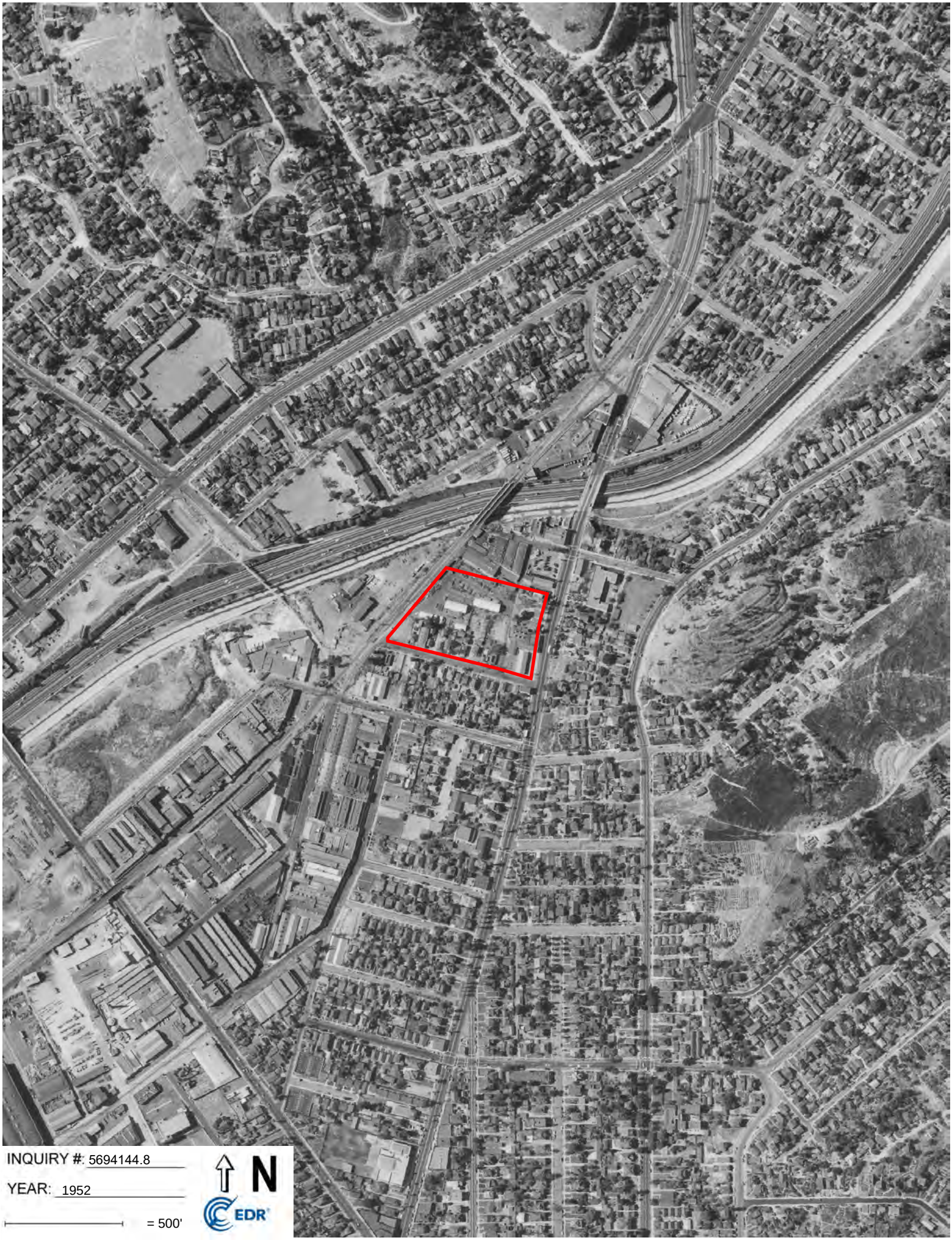
INQUIRY #: 5694144.8
YEAR: 1989
= 500'
N
EDR

INQUIRY #: 5694144.8
YEAR: 1983
= 500'
N
EDR

INQUIRY #: 5694144.8
YEAR: 1977
= 500'
N
EDR

INQUIRY #: 5694144.8
YEAR: 1970
= 500'
N
EDR

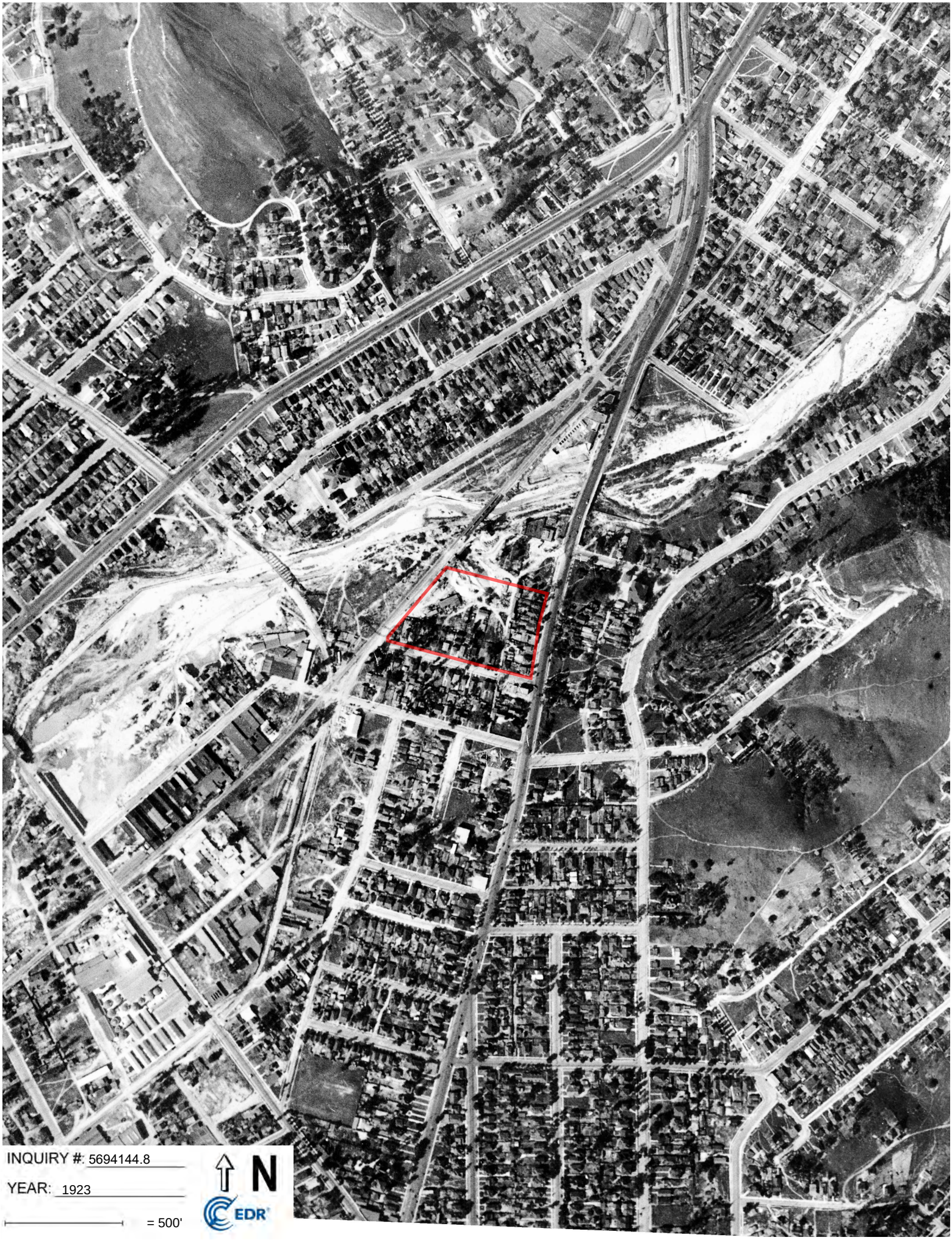
INQUIRY #: 5694144.8
YEAR: 1964
= 500'
N
EDR


INQUIRY #: 5694144.8
YEAR: 1952
= 500'
N
EDR

INQUIRY #: 5694144.8
YEAR: 1948
= 500'
N
EDR

INQUIRY #: 5694144.8
YEAR: 1938
= 500'
N
EDR

INQUIRY #: 5694144.8
YEAR: 1928
= 500'
N
EDR


INQUIRY #: 5694144.8
YEAR: 1923
= 500'
N
EDR

135 141 153 West Avenue 34; 3401 3433 Pasadena Ave
135 141 153 West Avenue 34; 3401 3433 Pasadena Ave
Los Angeles, CA 90031

Inquiry Number: 5694144.5
June 24, 2019

The EDR-City Directory Abstract

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OR DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction orforecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2017 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc. or its affiliates is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

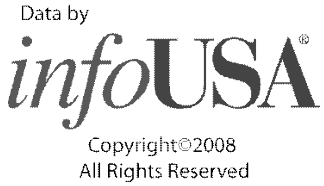
Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1920 through 2014. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 660 feet of the target property.

A summary of the information obtained is provided in the text of this report.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

EDR is licensed to reproduce certain City Directory works by the copyright holders of those works. The purchaser of this EDR City Directory Report may include it in report(s) delivered to a customer. Reproduction of City Directories without permission of the publisher or licensed vendor may be a violation of copyright.



RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

Year	Source	TP	Adjoining	Text Abstract	Source Image
2014	EDR Digital Archive	-	X	X	-
	EDR Digital Archive	X	X	X	-
2010	EDR Digital Archive	-	X	X	-
	EDR Digital Archive	X	X	X	-
2006	Haines Company, Inc.	-	X	X	-
	Haines Company, Inc.	X	X	X	-
2004	Haines Company	-	-	-	-
2003	Haines & Company	-	-	-	-
2001	Haines & Company, Inc.	-	-	-	-
2000	Haines & Company	-	X	X	-
	Haines & Company	X	X	X	-
1999	Haines Company	-	-	-	-

EXECUTIVE SUMMARY

Year	Source	TP	Adjoining	Text Abstract	Source Image
1996	GTE	-	-	-	-
1995	Pacific Bell	-	-	-	-
1992	PACIFIC BELL WHITE PAGES	-	-	-	-
1991	Pacific Bell	-	-	-	-
1990	Pacific Bell	-	X	X	-
	Pacific Bell	X	X	X	-
1986	Pacific Bell	-	X	X	-
	Pacific Bell	X	X	X	-
1985	Pacific Bell	-	X	X	-
1981	Pacific Telephone	-	X	X	-
	Pacific Telephone	X	X	X	-
1980	Pacific Telephone	-	X	X	-
1976	Pacific Telephone	-	X	X	-
1975	GTE	-	X	X	-
	Pacific Telephone	-	X	X	-
1972	R. L. Polk & Co.	-	-	-	-
1971	Pacific Telephone	-	X	X	-
	Pacific Telephone	X	X	X	-
1970	Pacific Telephone	-	X	X	-
1969	Pacific Telephone	-	-	-	-
1967	Pacific Telephone	-	X	X	-
1966	Pacific Telephone	-	X	X	-
1965	GTE	-	-	-	-
1964	Pacific Telephone	-	X	X	-
1963	Pacific Telephone	-	-	-	-
1962	Pacific Telephone	-	X	X	-
1961	R. L. Polk & Co.	-	-	-	-
1960	Pacific Telephone	-	X	X	-
1958	Pacific Telephone	-	X	X	-
1957	Pacific Telephone	-	X	X	-
	Pacific Telephone	X	X	X	-
1956	Pacific Telephone	-	-	-	-
1955	R. L. Polk & Co.	-	-	-	-
1954	R. L. Polk & Co.	-	-	-	-
1952	Los Angeles Directory Co.	-	-	-	-
1951	Pacific Telephone & Telegraph Co.	-	X	X	-
1950	Pacific Telephone	-	-	-	-
1949	Los Angeles Directory Co.	-	-	-	-
1948	Los Angeles Directory Co.	-	-	-	-
1947	Pacific Directory Co.	-	-	-	-
1946	Southern California Telephone Co	-	-	-	-
1945	The Glendale Directory Co.	-	-	-	-

EXECUTIVE SUMMARY

Year	Source	TP	Adjoining	Text Abstract	Source Image
1944	R. L. Polk & Co.	-	-	-	-
1942	Los Angeles Directory Co.	-	X	X	-
1940	Los Angeles Directory Co.	-	-	-	-
1939	Los Angeles Directory Co.	-	-	-	-
1938	Los Angeles Directory Company Publishers	-	-	-	-
1937	Los Angeles Directory Co.	-	X	X	-
1936	Los Angeles Directory Co.	-	-	-	-
1935	Los Angeles Directory Co.	-	-	-	-
1934	Los Angeles Directory Co.	-	-	-	-
1933	Los Angeles Directory Co.	-	X	X	-
1932	Los Angeles Directory Co.	-	-	-	-
1931	Los Angeles Directory Company Publishers	-	-	-	-
1930	Los Angeles Directory Co.	-	-	-	-
1929	Los Angeles Directory Co.	-	X	X	-
	Los Angeles Directory Co.	X	X	X	-
1928	Los Angeles Directory Co.	-	-	-	-
1927	Los Angeles Directory Co.	-	-	-	-
1926	Los Angeles Directory Co.	-	-	-	-
1925	Los Angeles Directory Co.	-	-	-	-
1924	Los Angeles Directory Co.	-	X	X	-
	Los Angeles Directory Co.	X	X	X	-
1923	Los Angeles Directory Co.	-	-	-	-
1921	Los Angeles Directory Co.	-	-	-	-
1920	Los Angeles Directory Co.	-	-	-	-

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

135 141 153 West Avenue 34; 3401 3433 Pasadena Ave
Los Angeles, CA 90031

FINDINGS DETAIL

Target Property research detail.

AVENUE 34 W

135 AVENUE 34 W

Year	Uses	Source
2000	ORTIZ TRANSFER & STORAGE	Haines & Company
	RYDER TRUCK RENTAL	Haines & Company
	STUDIO	Haines & Company

141 AVENUE 34 W

Year	Uses	Source
2000	STUDIO	Haines & Company

153 AVENUE 34 W

Year	Uses	Source
2000	MEDINA Ruben	Haines & Company

PASADENA

3433 PASADENA

Year	Uses	Source
1986	CALIF MFG ENTERPRISES INC	Pacific Bell
1971	SMITH MAILER INC	Pacific Telephone

Pasadena Ave

3401 Pasadena Ave

Year	Uses	Source
2014	WATER WELLNESS CENTER	EDR Digital Archive
2010	SWEET SCIENCE	EDR Digital Archive
	UNITED FINSHG & LAMINATING INC	EDR Digital Archive
	WATER WELLNESS CENTER	EDR Digital Archive

FINDINGS

PASADENA AVE

3401 PASADENA AVE

Year	Uses	Source
2006	LAMINATING INC	Haines Company, Inc.
	UNITD FINISHING	Haines Company, Inc.
2000	LITHO WERKS INC	Haines & Company
	UNITD FILM LAMINTNG	Haines & Company
1990	BAKER BOB PRODUCTIONS	Pacific Bell
	BATTJES YOUNG ASSOCIATES	Pacific Bell
1929	Anthor Jas cabtmkr	Los Angeles Directory Co.
1924	Arthern Jas furn fnshr h	Los Angeles Directory Co.
	Needham Martha wid E N r	Los Angeles Directory Co.

3433 PASADENA AVE

Year	Uses	Source
2000	POLYSEW INC	Haines & Company
1990	LUCKY TEXTILE INC	Pacific Bell

W 34

135 W 34

Year	Uses	Source
1990	CONSOURCE WEST	Pacific Bell
	PRO ALLOY INC	Pacific Bell

141 W 34

Year	Uses	Source
1990	AMERICAN CASTER CORP	Pacific Bell

153 W 34

Year	Uses	Source
1990	PILE WM PRINTING	Pacific Bell
1981	PRICE G T PRODUCTS INC	Pacific Telephone
	PRICE PRODUCTS G T INC	Pacific Telephone
1957	SANDCAST FOUNDRY	Pacific Telephone

FINDINGS

W Avenue 34

135 W Avenue 34

Year	Uses	Source
2014	STUDIO 34 INC	EDR Digital Archive
2010	ORTIZ TRANSFER AND STORAGE	EDR Digital Archive
	PERFUME RAMA	EDR Digital Archive
	S 34	EDR Digital Archive
	SELECT STORAGE	EDR Digital Archive
	STUDIO 34 INC	EDR Digital Archive

W AVENUE 34

135 W AVENUE 34

Year	Uses	Source
2006	AMER MEDICAL	Haines Company, Inc.
	ORTIZTRANSFER&	Haines Company, Inc.
	STORAGE	Haines Company, Inc.
	WHOLESALE	Haines Company, Inc.

W Avenue 34

141 W Avenue 34

Year	Uses	Source
2014	OUTER DIMENSION	EDR Digital Archive
	SELECT STORAGE INC	EDR Digital Archive
2010	ALBA DESIGN WORKS INC	EDR Digital Archive
	ED1125 LLC	EDR Digital Archive
	HISTORIC LINCOLN HEIGHTS INDUS	EDR Digital Archive
	OUTER DIMENSION	EDR Digital Archive
	SBLSS INC	EDR Digital Archive
	SELECT STORAGE INC	EDR Digital Archive

W AVENUE 34

141 W AVENUE 34

Year	Uses	Source
2006	MOVING&STORAGE	Haines Company, Inc.
	ORTIZ BROTHERS	Haines Company, Inc.
	SELECT STORAGE	Haines Company, Inc.
	STUDIO 34 INC	Haines Company, Inc.

FINDINGS

W Avenue 34

153 W Avenue 34

Year	Uses	Source
2014	ZALEWSKI JAMES	EDR Digital Archive
2010	ZALEWSKI JAMES	EDR Digital Archive

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

AVENUE 33 E

104 AVENUE 33 E

Year	Uses	Source
2000	HERRERA Larry	Haines & Company

106 AVENUE 33 E

Year	Uses	Source
2000	XXXX	Haines & Company

110 AVENUE 33 E

Year	Uses	Source
2000	LOPEZ Javier	Haines & Company

118 AVENUE 33 E

Year	Uses	Source
2000	ALMADER Carlos	Haines & Company

120 AVENUE 33 E

Year	Uses	Source
2000	JIMENEZ Jose	Haines & Company
	a 1/2 ESTRADA Raul	Haines & Company

121 AVENUE 33 E

Year	Uses	Source
2000	CHIAVETTA J J	Haines & Company

124 AVENUE 33 E

Year	Uses	Source
2000	MOW Kam	Haines & Company
	LEUNG Wan	Haines & Company
	MOW Ken	Haines & Company

FINDINGS

AVENUE 33 W

214 AVENUE 33 W

Year	Uses	Source
2000	SPARKENBACH Hector	Haines & Company

216 AVENUE 33 W

Year	Uses	Source
2000	XXXX	Haines & Company

220 AVENUE 33 W

Year	Uses	Source
2000	XXXX	Haines & Company

307 AVENUE 33 W

Year	Uses	Source
2000	GILLINS Lawrence	Haines & Company

311 AVENUE 33 W

Year	Uses	Source
2000	G&G SERVICE INC	Haines & Company
	G&G AIR CONDITIONNG	Haines & Company

315 AVENUE 33 W

Year	Uses	Source
2000	GILLINS Lawrence	Haines & Company
	MARTINEZ Miguel Jr	Haines & Company

403 AVENUE 33 W

Year	Uses	Source
2000	MERCER Art	Haines & Company

420 AVENUE 33 W

Year	Uses	Source
2000	XXXX	Haines & Company

AVENUE 34 W

116 AVENUE 34 W

Year	Uses	Source
2000	HERRERA V G	Haines & Company

FINDINGS

118 AVENUE 34 W

Year	Uses	Source
2000	HERRERA Vera	Haines & Company

120 AVENUE 34 W

Year	Uses	Source
2000	AVENUE 34 W 90031 CONT	Haines & Company
	LEPORE Joseph	Haines & Company

127 AVENUE 34 W

Year	Uses	Source
2000	XXXX	Haines & Company

129 AVENUE 34 W

Year	Uses	Source
2000	XXXX	Haines & Company

134 AVENUE 34 W

Year	Uses	Source
2000	G M L APPAREL INC	Haines & Company
	LEPORE Joseph	Haines & Company

136 AVENUE 34 W

Year	Uses	Source
2000	RIVERA Carmen	Haines & Company

138 AVENUE 34 W

Year	Uses	Source
2000	TERES FASHION	Haines & Company
	DUARTE Teresa	Haines & Company

140 AVENUE 34 W

Year	Uses	Source
2000	BARRIOS David	Haines & Company

164 AVENUE 34 W

Year	Uses	Source
2000	XXXX	Haines & Company

166 AVENUE 34 W

Year	Uses	Source
2000	WIN LEE INC	Haines & Company

FINDINGS

Year	Uses	Source
2000	WIN LEE FASHION	Haines & Company
	SPINKA Thomas	Haines & Company

170 AVENUE 34 W

Year	Uses	Source
2000	XXXX	Haines & Company

252 AVENUE 34 W

Year	Uses	Source
2000	XXXX	Haines & Company

AVENUE 35 E

102 AVENUE 35 E

Year	Uses	Source
2000	XXXX	Haines & Company

107 AVENUE 35 E

Year	Uses	Source
2000	WIN Francis	Haines & Company

120 AVENUE 35 E

Year	Uses	Source
2000	HILLSIDE ELEMENETARY SCHOOL	Haines & Company

121 AVENUE 35 E

Year	Uses	Source
2000	PEREZ Adela	Haines & Company

123 AVENUE 35 E

Year	Uses	Source
2000	SANCHEZ Carlos	Haines & Company
	PEREZ J	Haines & Company

125 AVENUE 35 E

Year	Uses	Source
2000	XXXX	Haines & Company

129 AVENUE 35 E

Year	Uses	Source
2000	ARREOLA Glona	Haines & Company

FINDINGS

131 AVENUE 35 E

Year	Uses	Source
2000	XXXX	Haines & Company

135 AVENUE 35 E

Year	Uses	Source
2000	WING Ella	Haines & Company

139 AVENUE 35 E

Year	Uses	Source
2000	XXXX	Haines & Company

141 AVENUE 35 E

Year	Uses	Source
2000	XXXX	Haines & Company

145 AVENUE 35 E

Year	Uses	Source
2000	KANG Seng	Haines & Company
	NAVARRO Ivan C	Haines & Company

E 33

106 E 33

Year	Uses	Source
1981	GONZALEZ HECTOR	Pacific Telephone

110 E 33

Year	Uses	Source
1981	LOPEZ JAVIER	Pacific Telephone

121 E 33

Year	Uses	Source
1990	CHIAVETTA J J	Pacific Bell

E 35

107 E 35

Year	Uses	Source
1990	PAN PI YUEN	Pacific Bell
	WIN FRANCIS	Pacific Bell

FINDINGS

120 E 35

Year	Uses	Source
1990	HILLSIDE ELEMENTARY SCHOOL	Pacific Bell

125 E 35

Year	Uses	Source
1990	SANCHEZ NICOLASA	Pacific Bell

129 E 35

Year	Uses	Source
1990	ARREOLA GLORIA	Pacific Bell

131 E 35

Year	Uses	Source
1990	SHEPPARD DICK	Pacific Bell

135 E 35

Year	Uses	Source
1981	PINEDA VICTOR	Pacific Telephone

139 E 35

Year	Uses	Source
1990	DU HIEN CHI	Pacific Bell

141 E 35

Year	Uses	Source
1986	VOONG SANG	Pacific Bell

145 E 35

Year	Uses	Source
1990	HA AL LIEN	Pacific Bell
	CHAN CHE NGAN	Pacific Bell
	HY SAU A	Pacific Bell

E AVENUE 33

104 E AVENUE 33

Year	Uses	Source
2006	a NAVARRO Antonia	Haines Company, Inc.

FINDINGS

106 E AVENUE 33

Year	Uses	Source
2006	Letlcia	Haines Company, Inc.
	NAVARRO Olga	Haines Company, Inc.

110 E AVENUE 33

Year	Uses	Source
2006	a LOPEZJavier	Haines Company, Inc.

118 E AVENUE 33

Year	Uses	Source
2006	ALMADER Orlando	Haines Company, Inc.

120 E AVENUE 33

Year	Uses	Source
2006	JIMENEZ Jose	Haines Company, Inc.
	ESTRADA Raul	Haines Company, Inc.

121 E AVENUE 33

Year	Uses	Source
2006	SAWYER Phil	Haines Company, Inc.

E AVENUE 35

107 E AVENUE 35

Year	Uses	Source
2006	WIN Francis	Haines Company, Inc.

E Avenue 35

120 E Avenue 35

Year	Uses	Source
2014	LOS ANGELES UNIFIED SCHOOL DST	EDR Digital Archive
2010	LOS ANGELES UNIFIED SCHL DIST	EDR Digital Archive

E AVENUE 35

120 E AVENUE 35

Year	Uses	Source
2006	SCHOOL	Haines Company, Inc.
	HILLSIDE	Haines Company, Inc.
	ELEMENTARY	Haines Company, Inc.

FINDINGS

121 E AVENUE 35

Year	Uses	Source
2006	PINAPablo	Haines Company, Inc.

123 E AVENUE 35

Year	Uses	Source
2006	o SANCHEZ Cados	Haines Company, Inc.

125 E AVENUE 35

Year	Uses	Source
2006	ZAVALAHerdberto	Haines Company, Inc.

129 E AVENUE 35

Year	Uses	Source
2006	RAMIREZ Gustavo	Haines Company, Inc.

135 E AVENUE 35

Year	Uses	Source
2006	MARQUEZGioconda	Haines Company, Inc.

139 E AVENUE 35

Year	Uses	Source
2006	No Current Listing	Haines Company, Inc.

145 E AVENUE 35

Year	Uses	Source
2006	URBINAJanelh	Haines Company, Inc.

E MARMION WAY

3445 E MARMION WAY

Year	Uses	Source
1981	GUZMAN MARIA HERMIDA	Pacific Telephone

GRIFFIN AVE

3326 GRIFFIN AVE

Year	Uses	Source
2006	LOEB Jamie	Haines Company, Inc.
2000	FRYD Mark	Haines & Company
1981	DERVISHIAN ABRAM	Pacific Telephone
1951	Griffn Poteet Rosalynd P Mrs r	Pacific Telephone & Telegraph Co.

FINDINGS

Year	Uses	Source
1942	HUGHES Elmer C	Los Angeles Directory Co.
	HUGHES Anna C Mrs	Los Angeles Directory Co.

3329 GRIFFIN AVE

Year	Uses	Source
2000	BENAVIDEZ Edward	Haines & Company
1986	LOYA JESSIE J	Pacific Bell
1981	LOYA JESSIE J	Pacific Telephone
1976	Loya Jessie J	Pacific Telephone
1951	Griffn Av Loya Josephine r	Pacific Telephone & Telegraph Co.
1937	ALVAREZ Ignacio F lab	Los Angeles Directory Co.

3331 GRIFFIN AVE

Year	Uses	Source
2006	URIBE Marda	Haines Company, Inc.
2000	URIBE Maria	Haines & Company
1942	SCHULTZ Howard die sinker	Los Angeles Directory Co.
	WARNER Kenneth Marion die sinker	Los Angeles Directory Co.
1937	Iguel John Lupe	Los Angeles Directory Co.

3333 GRIFFIN AVE

Year	Uses	Source
2006	VAZQUEZ URIBE	Haines Company, Inc.
2000	URIBE Enrique	Haines & Company
1990	URIBE ENRIQUE	Pacific Bell
1986	URIBE ENRIQUE	Pacific Bell
1951	Griffn Av Grimsinger A J r	Pacific Telephone & Telegraph Co.
1942	Grimsinger Adolph J clk	Los Angeles Directory Co.
1937	Seden Reginald Ada	Los Angeles Directory Co.

3337 GRIFFIN AVE

Year	Uses	Source
2000	SANTOS Adelaida	Haines & Company
1951	Griffn Av Packer Geo W r	Pacific Telephone & Telegraph Co.
1942	Pousson Michl W Yvonne nurse City Health Dept	Los Angeles Directory Co.
	OGara C C driver	Los Angeles Directory Co.
1937	WHITE Francis Marie	Los Angeles Directory Co.
	HUBERT Annie Mrs	Los Angeles Directory Co.

FINDINGS

3339 GRIFFIN AVE

Year	Uses	Source
2006	ZAMORA Howard	Haines Company, Inc.
	PANELL Michelle	Haines Company, Inc.
1976	Pimentel Raul	Pacific Telephone
	Pacheco Julio	Pacific Telephone
1951	Griffn Kendrick John W r	Pacific Telephone & Telegraph Co.
1942	Clausman Michl Cath	Los Angeles Directory Co.
	WYCOFF John Opal	Los Angeles Directory Co.
	HUBER John Indywkr	Los Angeles Directory Co.
	HUBERT John Indywkr	Los Angeles Directory Co.
1937	Clausman Michl Kath	Los Angeles Directory Co.

3341 GRIFFIN AVE

Year	Uses	Source
1951	N Griffn Arnold Saml T r	Pacific Telephone & Telegraph Co.
1942	ARNOLD Saml Clara welder	Los Angeles Directory Co.

3343 GRIFFIN AVE

Year	Uses	Source
2000	XXXX	Haines & Company
1951	Griffn Walker Mae r	Pacific Telephone & Telegraph Co.
1942	WALKER Mae wid Isaac	Los Angeles Directory Co.
	WALKER Earl	Los Angeles Directory Co.
1937	Walker May Mrs	Los Angeles Directory Co.

3347 GRIFFIN AVE

Year	Uses	Source
1951	Griffn Av Hayden Saml G r	Pacific Telephone & Telegraph Co.
	Griffn Hunn Clarence r	Pacific Telephone & Telegraph Co.
1942	Bann Jos Anna	Los Angeles Directory Co.
1937	Carmichael Arth B osteo	Los Angeles Directory Co.

3349 GRIFFIN AVE

Year	Uses	Source
1951	Griffn Av Pierson Earl E r	Pacific Telephone & Telegraph Co.
1942	Sowers Carl Alice polshr	Los Angeles Directory Co.
	Stadhouders John	Los Angeles Directory Co.
1937	Mondey Bernard Johanna M shtmtlwkr	Los Angeles Directory Co.

FINDINGS

3339 1/2 GRIFFIN AVE

Year	Uses	Source
1990	GALVAN EUFROSINA	Pacific Bell

HUMBOLDT ST

3298 HUMBOLDT ST

Year	Uses	Source
1964	ITT CANNON ELECTRIC INC	Pacific Telephone

MARMION WAY

3427 MARMION WAY

Year	Uses	Source
2006	BRACAMONTE	Haines Company, Inc.
	Rogello	Haines Company, Inc.
2000	BRACAMONTE Rogelio	Haines & Company
	MARQUEZ Jesus	Haines & Company
	a 1/2 IRACHETA J	Haines & Company
1990	MARQUEZ JESUS J	Pacific Bell
1986	MARQUEZ JESUS J	Pacific Bell
1981	MARQUEZ JESUS J	Pacific Telephone
1976	Marquez Jesus J	Pacific Telephone
	Zamora Antolin	Pacific Telephone
1971	Gonzales Henry	Pacific Telephone
	Zamora Antolin	Pacific Telephone
1967	Dougherty Ray L	Pacific Telephone
	Zamora Antolin	Pacific Telephone
1962	Zamora Antolin	Pacific Telephone
1958	Marquez Jesus J	Pacific Telephone
	Zamora Antolin	Pacific Telephone
1951	Marmion Wy Zamora Antolin r	Pacific Telephone & Telegraph Co.
	Marmion Wy Marquez Jesus J r	Pacific Telephone & Telegraph Co.
1942	Marquez Jesus Aurora fndrywkr	Los Angeles Directory Co.
	Zamora Antolen Carmen	Los Angeles Directory Co.
1937	HERNANDEZ Blas fruit pkr	Los Angeles Directory Co.
	HERNANDEZ Carmen	Los Angeles Directory Co.
	HERNANDEZ Manuel H fndywkr	Los Angeles Directory Co.
	HERNANDEZ Margarito Maria lab	Los Angeles Directory Co.
	HERNANDEZ Margt	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1937	HERNANDEZ Kuth	Los Angeles Directory Co.
	MARQUEZ Jerry J fndrywkr	Los Angeles Directory Co.
1933	CONTRERAS Chas lab	Los Angeles Directory Co.
	Villalobos Carmen Mrs	Los Angeles Directory Co.
1929	Cabrera Carmen factywkr	Los Angeles Directory Co.
	Rodriguez Armando Dolores lab h	Los Angeles Directory Co.
1924	Cawoda A P iron wkr r	Los Angeles Directory Co.

3429 MARMION WAY

Year	Uses	Source
1937	MARQUEZ Jesus Aurora	Los Angeles Directory Co.

3431 MARMION WAY

Year	Uses	Source
2006	o CENTENO Luis J	Haines Company, Inc.
2000	CENTENO Luis J	Haines & Company
	CENTENO Noreen F	Haines & Company
1981	PAGLIUCA PASQUALE	Pacific Telephone
1976	Pagliuca Pasquale	Pacific Telephone
1971	Pagliuca Pasquale	Pacific Telephone
1967	Pagliuca Pasquale	Pacific Telephone
1962	Marchetti Margaret	Pacific Telephone
1958	Chefalo Nicholas	Pacific Telephone
1951	Marmion Wy Chefalo Nicholas r	Pacific Telephone & Telegraph Co.
1942	Fuglsang Frank E mech	Los Angeles Directory Co.
	Fuglsang Forrest B mach SPCo	Los Angeles Directory Co.
	Fuglsang Bernice wid Andw	Los Angeles Directory Co.
	Fuglsang Andw W coach clnr S PCo	Los Angeles Directory Co.
1937	Ranzetta Benj chimney sweep	Los Angeles Directory Co.
1933	Ranzetta Benj	Los Angeles Directory Co.
1929	Renzetta Benj chimney sweep h	Los Angeles Directory Co.
1924	Milz Edwd plastr r	Los Angeles Directory Co.
	DANIELS Wm J auto mech r	Los Angeles Directory Co.
	Milz Johanna Mrs h	Los Angeles Directory Co.
	Milz Olga clk r	Los Angeles Directory Co.
	Milz Viola clk r	Los Angeles Directory Co.
	Milz Arthur H plastr h	Los Angeles Directory Co.

FINDINGS

3435 MARMION WAY

Year	Uses	Source
2006	HERNANDEZ Jacdnto	Haines Company, Inc.
2000	HERNANDEZ Jacinto	Haines & Company
1981	BATES HAROLD S	Pacific Telephone
1976	Bates Harold S	Pacific Telephone
1971	Bates Harold S	Pacific Telephone
1967	Bates Harold S	Pacific Telephone
1962	Bates Harold S	Pacific Telephone
1958	Bates Harold S	Pacific Telephone
1951	Marmion Wy Bates Harold S r	Pacific Telephone & Telegraph Co.
1942	Bates Harold S Leona mach	Los Angeles Directory Co.
1933	CLARK Wm R slsmn Times Paint Store	Los Angeles Directory Co.
	CLARK Verne	Los Angeles Directory Co.
	CLARK Chas C Eva	Los Angeles Directory Co.
	Alves E A tester	Los Angeles Directory Co.
1929	Minkler Ray A Inez marble str	Los Angeles Directory Co.
	Minkler Floyd appr	Los Angeles Directory Co.
	HARTMAN Walter J ironwkr	Los Angeles Directory Co.
1924	Minkler Elma insp Fuighum & Co r	Los Angeles Directory Co.

3437 MARMION WAY

Year	Uses	Source
2006	No Current Listing	Haines Company, Inc.
2000	XXXX	Haines & Company
1971	Muros Graciela S	Pacific Telephone
1962	Rodriguez Salvador E	Pacific Telephone
1958	Nolan Harland T	Pacific Telephone
1951	Marmion Wy Peyrot Ida F r	Pacific Telephone & Telegraph Co.
1942	Peyrot Mimi sten	Los Angeles Directory Co.
	Peyrot Ida Mrs clk	Los Angeles Directory Co.
	Peyrot Anita beauty opr	Los Angeles Directory Co.
1937	Peyrot Ida Mrs	Los Angeles Directory Co.
	Peyrot Emilia	Los Angeles Directory Co.
1933	THORNE Jos H Ada M	Los Angeles Directory Co.
	Longacre Walter W	Los Angeles Directory Co.
1929	HILL Dunlap B	Los Angeles Directory Co.
	Minkler Geo E Rhoda slsmn	Los Angeles Directory Co.
1924	KEENE Chas L produce h	Los Angeles Directory Co.

FINDINGS

3439 MARMION WAY

Year	Uses	Source
2006	MENDOZA Irma	Haines Company, Inc.
	MOJICAPedro	Haines Company, Inc.
2000	HERNANDEZ George	Haines & Company
	SAUCEDA Efrain	Haines & Company
	a 1/2 LEYVA Jacinto	Haines & Company
1990	MORENO ALDO	Pacific Bell
1981	TORRES DINORA ESTELA	Pacific Telephone
1976	Ramirez Gregorio	Pacific Telephone
	Martinez Carmen	Pacific Telephone
1971	Hernandez Luis	Pacific Telephone
	Gomez Louis R	Pacific Telephone
1967	Zamora Nancy A	Pacific Telephone
	Lawruchin Michael	Pacific Telephone
1962	Lawruchin Michael	Pacific Telephone
1958	Lawruchin Michael	Pacific Telephone
1951	Marmion Wy Mendias Mary r	Pacific Telephone & Telegraph Co.
1942	Espinosa Raul Josephine printer	Los Angeles Directory Co.
1937	CONTRERAS Harvey baker	Los Angeles Directory Co.
	CONTRERAS Frank B fndrywkr	Los Angeles Directory Co.
1933	Peyrot Ida F wid Emil	Los Angeles Directory Co.
1929	SMITH John H carp r	Los Angeles Directory Co.
	SERVICE Caroline facty wkr h	Los Angeles Directory Co.

3441 MARMION WAY

Year	Uses	Source
1951	Marmion Wy Huitron Frances r	Pacific Telephone & Telegraph Co.
1942	Luna Jas Lorraine lab	Los Angeles Directory Co.
1933	EARLY Ruby Mrs	Los Angeles Directory Co.
1929	Doeppel John auto mech	Los Angeles Directory Co.
1924	CLARK Edwd cond h	Los Angeles Directory Co.

3443 MARMION WAY

Year	Uses	Source
2006	No Current Listing	Haines Company, Inc.
2000	XXXX	Haines & Company
1967	Espinoza Jesus B	Pacific Telephone

FINDINGS

3445 MARMION WAY

Year	Uses	Source
2006	MONTIJO Jullo C	Haines Company, Inc.
2000	MONTIJO Matias	Haines & Company
1976	Guzman Maria Hermida	Pacific Telephone
1967	Baruch Nicolas	Pacific Telephone
1951	Marmion Wy Proa Rudy r	Pacific Telephone & Telegraph Co.
1942	MILLER Clyde Myrtle	Los Angeles Directory Co.
1933	BOWERS Harry Mildred L eng	Los Angeles Directory Co.

3447 MARMION WAY

Year	Uses	Source
2006	No Current Listing	Haines Company, Inc.
2000	XXXX	Haines & Company
1990	CASIMIRO VERONICA	Pacific Bell
1986	CASIMIRO VERONICA	Pacific Bell
1981	NARIO JOSE	Pacific Telephone
1976	Garza Heriberto Jr	Pacific Telephone
1967	Gebert Romuald T	Pacific Telephone
	Gebert Ada	Pacific Telephone
1958	Bochicchio Vincent Mrs	Pacific Telephone
1942	as Albt Dolores driver	Los Angeles Directory Co.
	Bernstron Jewell	Los Angeles Directory Co.
1937	Grimsinger Adolf Laura clk	Los Angeles Directory Co.
1929	PAIGE Norman Welma cement fnshr	Los Angeles Directory Co.
	PAGE Wilma Indywkr	Los Angeles Directory Co.
	Belfield Ollie chinaware fnshr	Los Angeles Directory Co.
	Belfield Geo G lather	Los Angeles Directory Co.
	Belfield Francis L brklyr	Los Angeles Directory Co.

3449 MARMION WAY

Year	Uses	Source
1967	Salazar Pedro V	Pacific Telephone
1958	Quinones Natividad	Pacific Telephone
1942	Gilliam John E Alice carp	Los Angeles Directory Co.
1937	ROBERTS Carl mech Hattie	Los Angeles Directory Co.
1933	Mangless Clyne C Nathalie mech	Los Angeles Directory Co.
1929	Bosch Anna wid Ulrich	Los Angeles Directory Co.

FINDINGS

3451 MARMION WAY

Year	Uses	Source
2006	VELOZ Richard	Haines Company, Inc.
2000	VELOZ Richard	Haines & Company
1962	Luas Lupe	Pacific Telephone
1958	Luas Lupe	Pacific Telephone
1942	Ruggio Dominic Caroline driver	Los Angeles Directory Co.
1937	Blanton Jas blksmith	Los Angeles Directory Co.
	Schmoll Harry R Mary mach	Los Angeles Directory Co.
1933	Miller Adian C Helen baker	Los Angeles Directory Co.
	Miller Adam C Helen baker	Los Angeles Directory Co.
1929	VOGT John Lucretia h	Los Angeles Directory Co.
1924	Foct John h	Los Angeles Directory Co.

3455 MARMION WAY

Year	Uses	Source
2006	No Current Listing	Haines Company, Inc.
2000	LAM Xung A	Haines & Company
1976	Ramirez Jose	Pacific Telephone
1967	Calderon Johnny	Pacific Telephone
1962	Palmer Truman W	Pacific Telephone
1958	Palmer Truman W	Pacific Telephone
1951	Marmion Wy Palmer Truman W r	Pacific Telephone & Telegraph Co.
1942	Cluff Martha Mrs	Los Angeles Directory Co.
1937	Swisher Matillee	Los Angeles Directory Co.
	PALMER Truman W cbtmkr	Los Angeles Directory Co.
	Cluff Robt W Martha gdnr	Los Angeles Directory Co.
1933	SWISHER Raymond S Mattie L clk	Los Angeles Directory Co.
	RILEY Sarah wid W M	Los Angeles Directory Co.
	PALMER Truman W woodwkr	Los Angeles Directory Co.
	PALMER Thos A Martha J lab	Los Angeles Directory Co.
1929	PALMER Thos A Martha millmn	Los Angeles Directory Co.
	PALMER Lon H millmn	Los Angeles Directory Co.
	Palmen Beatrie clk	Los Angeles Directory Co.
1924	KNAPP John E brklyr L A Gas & Elec Corp h	Los Angeles Directory Co.

3459 MARMION WAY

Year	Uses	Source
2006	e GOMEZ Cardos	Haines Company, Inc.

FINDINGS

Year	Uses	Source
2000	VOONG Liane	Haines & Company
	LI Qun Zhi	Haines & Company
1990	CHU THANH	Pacific Bell
1981	OROZCO OFELIA	Pacific Telephone
1971	Ramirez Jose	Pacific Telephone
1967	Tellez Joe S	Pacific Telephone
1962	Calderon Johnny	Pacific Telephone
1958	Butterfield Elizabeth	Pacific Telephone
1951	Marmion Wy Cluff Martha J r	Pacific Telephone & Telegraph Co.
1942	WEAVER Hise Lea clk	Los Angeles Directory Co.
1937	EARLY Ruby Mrs dom	Los Angeles Directory Co.
1933	Garren John S Mabel L mech	Los Angeles Directory Co.
1929	DENTON Eliz wid B F	Los Angeles Directory Co.
1924	PROCTOR Phil E auto opr h	Los Angeles Directory Co.
	Proctor Adeline wid R F r	Los Angeles Directory Co.

3461 MARMION WAY

Year	Uses	Source
2006	CHAN Sau Chun	Haines Company, Inc.
2000	CHAN Sau Chun	Haines & Company
1990	CHAN SAU CHUN	Pacific Bell
1986	CHAN SAU CHUN	Pacific Bell
1981	CHAN SAU CHUN	Pacific Telephone
1971	Calderon Maxine	Pacific Telephone
	De Luna Dulcina J	Pacific Telephone
1962	Cortez Juan	Pacific Telephone
	Cortez Juana	Pacific Telephone
	Falcinella Aldo	Pacific Telephone
1958	Falcinella Aldo	Pacific Telephone
	Falcinella Fedele	Pacific Telephone
1951	Marmion Wy Bigler Jennie r	Pacific Telephone & Telegraph Co.
1942	BARRON Clyde S Inice cavon SP Co	Los Angeles Directory Co.
	Bigler John E Jennie shoemkr	Los Angeles Directory Co.
	FERGUSON Eliz wid R H	Los Angeles Directory Co.
1937	Bigler John Jennie restr wkr	Los Angeles Directory Co.
	MUNOZ Julia Renia pntr	Los Angeles Directory Co.
1933	MUNOZ Julio Reina lab	Los Angeles Directory Co.
	Munzo Reina mach opr	Los Angeles Directory Co.
	Trejo Jesus H lab Co Forestry Dept	Los Angeles Directory Co.

Year	Uses	Source
1933	Trejo Jose Nellie glazier J A Bauer Pottery Co	Los Angeles Directory Co.
1929	Cernek John Mary mach opr	Los Angeles Directory Co.
	Redfern Arth L stage carp h	Los Angeles Directory Co.
1924	Bonnecaze Elwood E h	Los Angeles Directory Co.
	CHURCH Wm lab h	Los Angeles Directory Co.
	Redfern Arthur L lab r	Los Angeles Directory Co.

3463 MARMION WAY

Year	Uses	Source
2006	NG Blk Yee Lee	Haines Company, Inc.
	WONG Rick	Haines Company, Inc.
2000	NG Bik Yee Lee	Haines & Company
	WONG Rick	Haines & Company
1990	NG BIK YEE LEE	Pacific Bell

3427 1/2 MARMION WAY

Year	Uses	Source
1990	IRACHETA J	Pacific Bell

3427 3/4 MARMION WAY

Year	Uses	Source
1981	MARTINEZ MARIO	Pacific Telephone

3439 1/2 MARMION WAY

Year	Uses	Source
1981	MACIAS REFUGIO V	Pacific Telephone

3439 1/4 MARMION WAY

Year	Uses	Source
1990	RODRIGUEZ SILBERTO	Pacific Bell

3467 1/2 MARMION WAY

Year	Uses	Source
1981	GONZALEZ GLAFIRO	Pacific Telephone

MARMON WAY

3467 MARMON WAY

Year	Uses	Source
1981	YBARRA FRANCISO B	Pacific Telephone

FINDINGS

3439 1/4 MARMON WAY

Year	Uses	Source
1981	RODRIGUEZ SILBERTO	Pacific Telephone

PASA DENA AVE

3454 PASA DENA AVE

Year	Uses	Source
1990	DE AVILA SIMON	Pacific Bell

PASADENA

3225 PASADENA

Year	Uses	Source
1981	DANG DI BA	Pacific Telephone
1967	Osuna Maria J T	Pacific Telephone

PASADENA AVE

3223 PASADENA AVE

Year	Uses	Source
2006	No Current Listing	Haines Company, Inc.
2000	KY Minh XUAN Xue Fang	Haines & Company
1990	CHIEU KY MINH	Pacific Bell
1986	CHIEU KY MINH	Pacific Bell
	DUONG VAN	Pacific Bell
1981	CHIEU KY MINH	Pacific Telephone
1967	Orozco Mary	Pacific Telephone
	Orozco Danl	Pacific Telephone
1937	ROLLINS Ruth M tel opr	Los Angeles Directory Co.
1929	Antista Jas Rose cond	Los Angeles Directory Co.
1924	WILLIAMS Arthur J bkpr Price Plister Brass Mfg Co h	Los Angeles Directory Co.

3225 PASADENA AVE

Year	Uses	Source
2006	LIPPI Mariynn	Haines Company, Inc.
2000	XXXX	Haines & Company
1986	DANG DI BA	Pacific Bell
1951	Pasadena Av Mestas Henry J	Pacific Telephone & Telegraph Co.
1929	Mc Murrin J Waldo lab	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1929	Mc MURRIN Waldo Vos truck supt	Los Angeles Directory Co.
1924	DAVIES Elizabeth wid Thos h	Los Angeles Directory Co.
	OWEN Florence wid J T r	Los Angeles Directory Co.

3227 PASADENA AVE

Year	Uses	Source
2006	No Current Listing	Haines Company, Inc.
2000	XXXX	Haines & Company
1929	BROWN Ward	Los Angeles Directory Co.
	BROWN David W potter	Los Angeles Directory Co.
1924	REED Herbt E coml artist r	Los Angeles Directory Co.

3228 PASADENA AVE

Year	Uses	Source
2000	XXXX	Haines & Company

3229 PASADENA AVE

Year	Uses	Source
2006	WONGAnc Xl	Haines Company, Inc.
1990	VOONG SAN	Pacific Bell
1986	DUONG JAMES M	Pacific Bell
1951	Pasadena Av Shatto O A	Pacific Telephone & Telegraph Co.
1929	CORNELL Leo J Mary depy sheirff	Los Angeles Directory Co.
1924	Bernstrom O C auto opr h	Los Angeles Directory Co.

3231 PASADENA AVE

Year	Uses	Source
2006	a CISNEROS Femando	Haines Company, Inc.
2000	CISNEROS Fernando	Haines & Company
1990	BRAUN MARY	Pacific Bell
1986	BRAUN MARY	Pacific Bell
1951	Pasadena Av Weller Bertha A Mrs r	Pacific Telephone & Telegraph Co.
	Pasadena Av Nordeen Helen L	Pacific Telephone & Telegraph Co.
1924	Overly Floyd slsmn G H Turner Co r	Los Angeles Directory Co.

3239 PASADENA AVE

Year	Uses	Source
2006	LEHanh	Haines Company, Inc.
	GOBEAMaria	Haines Company, Inc.
	ACEVEZJesus	Haines Company, Inc.

FINDINGS

Year	Uses	Source
2006	BARRAGAN Antonla	Haines Company, Inc.
2000	APARTMENTS CHEN Huo Zao	Haines & Company
	CHEN Nuliu	Haines & Company
	HUO Zao	Haines & Company
	LIN Chaojun	Haines & Company
	CHEN Rui Qing	Haines & Company
1986	CHRIS PLUMBING & HEATING	Pacific Bell
1951	Pasadena Martin Robt H r	Pacific Telephone & Telegraph Co.

3251 PASADENA AVE

Year	Uses	Source
1929	Nieto Paul D asmblr Price Pfister Brass Mfg Co	Los Angeles Directory Co.

3280 PASADENA AVE

Year	Uses	Source
1924	ERWIN Anna wid Jas h	Los Angeles Directory Co.

3300 PASADENA AVE

Year	Uses	Source
2006	HERNANDEZMardn	Haines Company, Inc.

Pasadena Ave

3302 Pasadena Ave

Year	Uses	Source
2010	TIP TOP	EDR Digital Archive

PASADENA AVE

3302 PASADENA AVE

Year	Uses	Source
2006	HUYNHAnh Ngoc	Haines Company, Inc.

3304 PASADENA AVE

Year	Uses	Source
2006	SAMANO Juan	Haines Company, Inc.

FINDINGS

Pasadena Ave

3305 Pasadena Ave

Year	Uses	Source
2014	FELIX C SPORTSWEAR	EDR Digital Archive
	GARCIAS CUTTER	EDR Digital Archive
	ROMAN APPAREL GROUP LLC	EDR Digital Archive
	SETROC APPAREL	EDR Digital Archive
	LE VAL OF CALIFORNIA INC	EDR Digital Archive
2010	FELIX C SPORTSWEAR	EDR Digital Archive
	PARAGON APPAREL LLC	EDR Digital Archive
	NICOLITA	EDR Digital Archive
	GARCIAS CUTTER	EDR Digital Archive
	LE VAL OF CALIFORNIA INC	EDR Digital Archive

PASADENA AVE

3305 PASADENA AVE

Year	Uses	Source
2006	PARAGON APPAREL	Haines Company, Inc.
	GARCIAS CUTTER	Haines Company, Inc.
2000	T & J CUTTING SERVICE	Haines & Company
	LEVAL OF CALIF	Haines & Company
1990	LE VAL OF CALIF	Pacific Bell
1986	LE VAL OF CALIF	Pacific Bell
1981	LE VAL OF CALIF	Pacific Telephone
1951	Pasadena Av Jones Frank V Mrs r	Pacific Telephone & Telegraph Co.
1929	JONES Jesse G depy Co Clk	Los Angeles Directory Co.

Pasadena Ave

3307 Pasadena Ave

Year	Uses	Source
2014	V T P T INC	EDR Digital Archive
2010	V T P T INC	EDR Digital Archive
	28 PHAT INC	EDR Digital Archive

FINDINGS

PASADENA AVE

3307 PASADENA AVE

Year	Uses	Source
2006	29 PHAT	Haines Company, Inc.
2000	SENH PHAT HOP FASHION	Haines & Company
1929	Deaton Emma F Mrs gro	Los Angeles Directory Co.
1924	Deaton Emma F Mrs gro	Los Angeles Directory Co.

3311 PASADENA AVE

Year	Uses	Source
1951	Pasadena Av Moore Bob r	Pacific Telephone & Telegraph Co.
1929	Nilsson Erick Velma slsmn	Los Angeles Directory Co.
1924	STRAUB Julia A wid J A h	Los Angeles Directory Co.
	HARMON Ernest R carp r	Los Angeles Directory Co.
	HARMON Clyde M clk P O r	Los Angeles Directory Co.

3315 PASADENA AVE

Year	Uses	Source
2000	XXXX	Haines & Company
1951	Pasadena Av Lapora Chas T r	Pacific Telephone & Telegraph Co.
1929	Rockwell Bessie wid G H h	Los Angeles Directory Co.
	Lepora Chas Bettie blksmth	Los Angeles Directory Co.
	La Pora Betty L cracker pkr	Los Angeles Directory Co.
1924	Suttle Wm emp L W Blinn Lmbr Co r	Los Angeles Directory Co.
	Suttle Bessie wid L C h	Los Angeles Directory Co.
	Lapora Chas T boilermkr r	Los Angeles Directory Co.
	Rockwell Bessie wid G H r	Los Angeles Directory Co.

3320 PASADENA AVE

Year	Uses	Source
2006	FONSECO Luis	Haines Company, Inc.
2000	RODRIGUEZ Jose	Haines & Company

3321 PASADENA AVE

Year	Uses	Source
2006	ELVIRASMINI	Haines Company, Inc.
	MARKET	Haines Company, Inc.
2000	YOUNG Ngut	Haines & Company
1990	PASADENA AVE MKT	Pacific Bell
1986	PASADENA AVE MKT	Pacific Bell

FINDINGS

Year	Uses	Source
1981	PASADENA AVE MKT	Pacific Telephone
1976	Pasadena Ave Mkt	Pacific Telephone
1951	Pasadena Av Chin Frank r	Pacific Telephone & Telegraph Co.
1929	Cardella Luke Mary gro	Los Angeles Directory Co.
1924	Cardella Luke gro	Los Angeles Directory Co.
	Macchio & Monteleone Saml Macchio Vito Monteleone meats	Los Angeles Directory Co.

3323 PASADENA AVE

Year	Uses	Source
1986	NONG SANG CUN	Pacific Bell
1981	NONG SANG CUN	Pacific Telephone
1924	SHUGART J Frank slsmn r	Los Angeles Directory Co.

3326 PASADENA AVE

Year	Uses	Source
2000	MELGOZA Manuel	Haines & Company
1929	Dance Arth E Rhoda printer	Los Angeles Directory Co.
1924	ROUSE R Eugene printer	Los Angeles Directory Co.
	Kaylor Robt locksmth	Los Angeles Directory Co.

Pasadena Ave

3328 Pasadena Ave

Year	Uses	Source
2014	MOMS TAMALE	EDR Digital Archive
2010	MOMS TAMALE	EDR Digital Archive

PASADENA AVE

3328 PASADENA AVE

Year	Uses	Source
2006	MOMSTAMALES	Haines Company, Inc.
2000	EL PATIO	Haines & Company
1990	EL PATIO RESTAURANT	Pacific Bell
1986	EL PATIO RESTAURANT	Pacific Bell
1981	EL PATIO RESTAURANT	Pacific Telephone
1929	LINDLEY Henry W Pearl brklyr	Los Angeles Directory Co.
	HEWITT Jas jan	Los Angeles Directory Co.
	COOK Mabel E printer	Los Angeles Directory Co.

Year	Uses	Source
1929	COOK Glenn A Sophie printer	Los Angeles Directory Co.
1924	Freeland John W watchmn r	Los Angeles Directory Co.
	BENNETT Leslie E line mn h	Los Angeles Directory Co.
	COOK Glenn A printer h	Los Angeles Directory Co.
	COOK Mabel printer r	Los Angeles Directory Co.

Pasadena Ave

3332 Pasadena Ave

Year	Uses	Source
2010	MELGOZA MANUEL M	EDR Digital Archive

PASADENA AVE

3332 PASADENA AVE

Year	Uses	Source
2006	a MELGOZA Manuel	Haines Company, Inc.
2000	MELGOZA Manuel	Haines & Company
1990	CRAVEN C E	Pacific Bell
1986	CRAVEN C	Pacific Bell
1981	LAWRENCE STANLEY	Pacific Telephone
	L E	Pacific Telephone
1951	Pasadena Av Crock Wm H r	Pacific Telephone & Telegraph Co.
1929	ANDERSON Ira M Mildred lab	Los Angeles Directory Co.
	Schuman Albt Nellie slsmn h	Los Angeles Directory Co.
	Schumann Clarance E clk r	Los Angeles Directory Co.
	WILLIAMS John D Lola pipe ftr h	Los Angeles Directory Co.
1924	ENGLISH Lucille Mrs h	Los Angeles Directory Co.
	Robinson Arlo H truck driver h	Los Angeles Directory Co.
	ROBINSON Rowland cement wkr r	Los Angeles Directory Co.
	Van Antwerp Mary wid F L r	Los Angeles Directory Co.

3406 PASADENA AVE

Year	Uses	Source
2006	CRUZ Albeato	Haines Company, Inc.
	LOPEZ Claud Ia	Haines Company, Inc.
	MARTINEZBen 6a	Haines Company, Inc.
2000	MARTINEZ Benita	Haines & Company
	INFANTE Cesar	Haines & Company
	GONZALEZ Eva	Haines & Company

FINDINGS

Year	Uses	Source
2000	CRUZ Alberto	Haines & Company
1990	AYALA GREGORIO	Pacific Bell
	NGU CHANH	Pacific Bell
	TRUONG HOT	Pacific Bell

3407 PASADENA AVE

Year	Uses	Source
1924	Nowacki John W mach h	Los Angeles Directory Co.

3409 PASADENA AVE

Year	Uses	Source
1929	MURPHY John chauf	Los Angeles Directory Co.
1924	MURPHY John driver h	Los Angeles Directory Co.

3411 PASADENA AVE

Year	Uses	Source
1929	KNIGHT Margt E	Los Angeles Directory Co.
	KNIGHT Walter W Margt pntr	Los Angeles Directory Co.

Pasadena Ave

3412 Pasadena Ave

Year	Uses	Source
2014	BECERRA MACARIO	EDR Digital Archive

PASADENA AVE

3412 PASADENA AVE

Year	Uses	Source
2006	o BECERRAMacario	Haines Company, Inc.
2000	BECERRA Mac Arlo	Haines & Company
1986	ALARCON M	Pacific Bell
1981	ALARCON M	Pacific Telephone
1951	Pasadena Monday B r	Pacific Telephone & Telegraph Co.

3414 PASADENA AVE

Year	Uses	Source
2006	VALLADARES Abel	Haines Company, Inc.
2000	XXXX	Haines & Company
1986	ARELLANO VIDAL	Pacific Bell
1981	RUBLES CELSO	Pacific Telephone

FINDINGS

Year	Uses	Source
1951	Pasadena Av Moyer Earl L r	Pacific Telephone & Telegraph Co.
1929	ROSE Edgar R Inez wtchmn h	Los Angeles Directory Co.
1924	ROSE Edgar R watchman h	Los Angeles Directory Co.

3417 PASADENA AVE

Year	Uses	Source
1929	CUBBISON CRACKER CO H G Cubbison Mfrs of Cubbisons Flaxseed Crackers and Other Health Food Products	Los Angeles Directory Co.

3418 PASADENA AVE

Year	Uses	Source
2000	XXXX	Haines & Company

3419 PASADENA AVE

Year	Uses	Source
2000	XXXX	Haines & Company
1951	Pasadena Av Cubbison Cracker Co	Pacific Telephone & Telegraph Co.
1924	Dent Mark h	Los Angeles Directory Co.
	Cubbison Harry G bakery	Los Angeles Directory Co.

3420 PASADENA AVE

Year	Uses	Source
1951	Pasadena Av Di Martino Sam r	Pacific Telephone & Telegraph Co.
	Pasadena Av Barker Sara r	Pacific Telephone & Telegraph Co.
1929	MILLER Harry E Daisy H Indy route	Los Angeles Directory Co.
1924	Miller Harry E indy driver h	Los Angeles Directory Co.

3421 PASADENA AVE

Year	Uses	Source
1929	Legg Harry G Jessie mach	Los Angeles Directory Co.

3423 PASADENA AVE

Year	Uses	Source
1951	Pasadena Av Condra A M r	Pacific Telephone & Telegraph Co.
1929	Condra Aaron M Cath W slsmn	Los Angeles Directory Co.
	Gabany J baker	Los Angeles Directory Co.
1924	Condra Cath L Mrs artist r	Los Angeles Directory Co.
	Condra Aaron M real est	Los Angeles Directory Co.
	Condra Ralph J surveyor r	Los Angeles Directory Co.

FINDINGS

3424 PASADENA AVE

Year	Uses	Source
1951	Pasadena Av Pan American Printng Co	Pacific Telephone & Telegraph Co.
	Pasadena Av Espinosa Raul r	Pacific Telephone & Telegraph Co.
1929	Fehrenschild Matilda F dietitian	Los Angeles Directory Co.
	Fehrenschild Henry H Bertha	Los Angeles Directory Co.
1924	Reeser Irene seam r	Los Angeles Directory Co.
	Reeser Julian real est h	Los Angeles Directory Co.

3425 PASADENA AVE

Year	Uses	Source
1933	SMITH Frances clk	Los Angeles Directory Co.
1929	SMITH Jos C guard r	Los Angeles Directory Co.
	SMITH Conrad Josephine tailor h	Los Angeles Directory Co.
1924	SMITH Jos tailor r	Los Angeles Directory Co.
	SMITH Conrad tailor h	Los Angeles Directory Co.

3426 PASADENA AVE

Year	Uses	Source
1951	Pasadena Estrada John r	Pacific Telephone & Telegraph Co.
	Pasadena Martinez Chris r	Pacific Telephone & Telegraph Co.
	Pasadena Av Rath Victor O	Pacific Telephone & Telegraph Co.
1929	CLARK Henry H	Los Angeles Directory Co.
	CLARK Geo M sec Pulliam Rhode Investments Inc	Los Angeles Directory Co.
	CLARK Henry A adv L A Examiner	Los Angeles Directory Co.
1924	Swenson Edwd lab r	Los Angeles Directory Co.
	Swenson Cora cashr Bullocks r	Los Angeles Directory Co.
	DUGGAN Elmer cooper r	Los Angeles Directory Co.
	CLARK Henry H foremn h	Los Angeles Directory Co.
	CLARK Henry A real est r	Los Angeles Directory Co.
	CLARK Geo M lndry driver r	Los Angeles Directory Co.
	Biggerstaff Minnie wid W h	Los Angeles Directory Co.

3429 PASADENA AVE

Year	Uses	Source
1924	Skillen Eileen clk r	Los Angeles Directory Co.
	Skillen Edna N insp H W Lawson Mfg Co r	Los Angeles Directory Co.
	Skillen Doris clk r	Los Angeles Directory Co.
	Skillen Saml E buyer B E Dyas Co h	Los Angeles Directory Co.
	HUMPHREYS Doris V clk r	Los Angeles Directory Co.

FINDINGS

3430 PASADENA AVE

Year	Uses	Source
1951	Pasadena Av Burrola Isabel	Pacific Telephone & Telegraph Co.

3431 PASADENA AVE

Year	Uses	Source
1929	NEWBY Roy L Agnes wtchmn	Los Angeles Directory Co.
1924	DUNCAN Floyd plastr r	Los Angeles Directory Co.
	DUNCAN Jas plastr h	Los Angeles Directory Co.
	Duncan Carroll student r	Los Angeles Directory Co.

3434 PASADENA AVE

Year	Uses	Source
2000	XXXX	Haines & Company

3436 PASADENA AVE

Year	Uses	Source
1924	Shumway Amos W clk h	Los Angeles Directory Co.

3437 PASADENA AVE

Year	Uses	Source
1929	Wees Earl M Alma R collr L A G & E Corp r	Los Angeles Directory Co.
	Wees Milton E Marian miner h	Los Angeles Directory Co.
1924	Parmenter Jay G electr h	Los Angeles Directory Co.

3438 PASADENA AVE

Year	Uses	Source
1929	Shumway Amos W Jennie h	Los Angeles Directory Co.
	Shumway Amos W jr formn Batchelder Wilson Co r	Los Angeles Directory Co.
1924	Shumway Amos W jr r	Los Angeles Directory Co.

3439 PASADENA AVE

Year	Uses	Source
1924	LOS ANGELES ROCK & GRAVEL CO INC Henry W Hawley Pres Ray L Hawley V Pres Millard A Schweltzer Sec Treas	Los Angeles Directory Co.

3450 PASADENA AVE

Year	Uses	Source
2000	THAI Vinh	Haines & Company

FINDINGS

Year	Uses	Source
1951	Pasadena Av Kottek Garment & Lettering Co	Pacific Telephone & Telegraph Co.
	Pasadena Av Ots Bowling Shirts	Pacific Telephone & Telegraph Co.
1929	JOHNSON Albt E Lourina real est	Los Angeles Directory Co.

Pasadena Ave

3452 Pasadena Ave

Year	Uses	Source
2014	LIN FASHION INC	EDR Digital Archive

PASADENA AVE

3452 PASADENA AVE

Year	Uses	Source
2000	VT FASHION	Haines & Company
1990	VAN LEE SEWING	Pacific Bell

3454 PASADENA AVE

Year	Uses	Source
2006	HUANGRu	Haines Company, Inc.
	XUZhenyuan	Haines Company, Inc.
2000	MALDONADO Maria	Haines & Company
	MARTINEZ Imelda	Haines & Company
1990	MARTINEZ IMELDA P	Pacific Bell
	NAVA GABRIEL	Pacific Bell
	URQUILLA MARLENE	Pacific Bell
1986	DE AVILA SIMON	Pacific Bell
	MARTINEZ IMMELDA B	Pacific Bell
1981	RAMIREZ ISMAEL	Pacific Telephone
	RIVERA CONCEPCION	Pacific Telephone
1951	Pasadena Av	Pacific Telephone & Telegraph Co.
	Iob Germano R r	Pacific Telephone & Telegraph Co.
1929	LEWIS Ray baker	Los Angeles Directory Co.
	TRACY Lwis A Neta Perlve Geo Raynld Co h	Los Angeles Directory Co.
	WILLIAMS Roy E electn h	Los Angeles Directory Co.
	Lewinson Edw Sylvia Perfect Gas Regulator Co	Los Angeles Directory Co.

FINDINGS

3456 PASADENA AVE

Year	Uses	Source
2000	XXXX	Haines & Company
1990	DYNASTY FASHION	Pacific Bell
1986	HAI AU	Pacific Bell
1981	PILE WM PRINTING	Pacific Telephone
	MINI BUSINESS SERVICE	Pacific Telephone
1942	KOTTEK OVERALL LETTERING CO Fredk G Kottek Embroidery Machine Work on Coveralls Shirts and Smocks	Los Angeles Directory Co.
1937	KOTTEK OVERALL LETTERING CO Mrs Bessie Kottek Embroidery Machine Kork on Coveralls Shirts and Smocks	Los Angeles Directory Co.
1929	Perfect Gas Regulator Co Edw Lewinson L A Pracy	Los Angeles Directory Co.

3458 PASADENA AVE

Year	Uses	Source
1951	Pasadena Av Ernies Cafe	Pacific Telephone & Telegraph Co.

Pasadena Ave

3500 Pasadena Ave

Year	Uses	Source
2014	KING CITY AUTO ENTERPRISE INC	EDR Digital Archive
2010	KING CITY AUTO ENTERPRISE INC	EDR Digital Archive

PASADENA AVE

3500 PASADENA AVE

Year	Uses	Source
2006	REGISTRATION	Haines Company, Inc.
	SALES	Haines Company, Inc.
	SERVICE	Haines Company, Inc.
	DISCOUNTAUTO	Haines Company, Inc.
	WHOLESALE	Haines Company, Inc.
	ELPALACIOAUTO	Haines Company, Inc.
	GINAS	Haines Company, Inc.
2000	CASH AUTO BUYERS	Haines & Company
	K & N MOTORS	Haines & Company
	MARROQUIN LUIS A	Haines & Company
1990	CHUY CARBURETORS	Pacific Bell

FINDINGS

Year	Uses	Source
1986	CHUY CARBURETORS	Pacific Bell
1981	H & B CARBURETORS	Pacific Telephone
1929	SMITH Wm P Lucy clo clnr	Los Angeles Directory Co.
1924	SMITH Wm P clo clnr	Los Angeles Directory Co.

Pasadena Ave

3505 Pasadena Ave

Year	Uses	Source
2010	GARCIAS CUTTING SERVICE INC	EDR Digital Archive

PASADENA AVE

3505 PASADENA AVE

Year	Uses	Source
2000	WELCHS Cyril	Haines & Company
1990	WELCH S OVERALL CLEANING CO INC	Pacific Bell
	WELCH S UNIFORM RENTAL	Pacific Bell
1986	WELCH S UNIFORM RENTAL	Pacific Bell
	WELCH S OVERALL CLEANING CO INC SEE WELCH S UNIFORM RENTAL	Pacific Bell
1985	WELCH S UNIFORM RENTAL	Pacific Bell
1981	WEICH S UNIFORM RENTAL	Pacific Telephone
	WELCH S OVERALL CLEANING CO INC	Pacific Telephone
1980	WELCHS UNIFORM RENTAL PASADENA AVE LOS ANGELES	Pacific Telephone
1975	WELCHS INDUSTRIAL UNIFORM & WIPING	GTE
	TOWELS	GTE
1951	Pasadena Av Welsh Overall Clning Co Inc	Pacific Telephone & Telegraph Co.
	Pasadena Av Welchs Wiping Towel Serv	Pacific Telephone & Telegraph Co.
	Pasadena Av Welchs Overall Clning Co Inc	Pacific Telephone & Telegraph Co.
	Pasadena Av Welch Overall Clning Co Inc	Pacific Telephone & Telegraph Co.
	Pasadena Av Service Paper Towel	Pacific Telephone & Telegraph Co.
1942	WELCHS OVERALL AND UNIFORM CLEANING CO Why Buy We Supply Coveralls Shop Coats Pants Shirts Etc	Los Angeles Directory Co.
	Wiping Towel Dept	Los Angeles Directory Co.
1937	WELCHS OVERALL CLEANING CO INC M M Welch Pres and Genl Mgr Uniforms Only	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1933	WELCHS OVERALL CLEANING CO INC M M Welch Pres and Genl Mgr Uniforms Only	Los Angeles Directory Co.
1929	Welchs Overall Cleaning Co Inc M M Welchs L V Mc Donnell sec treas	Los Angeles Directory Co.
1924	Welchs Overall Laundry M M Welch	Los Angeles Directory Co.

3508 PASADENA AVE

Year	Uses	Source
1929	RILEY & Bragger T S Riley W J Bragger sign pntrs	Los Angeles Directory Co.

PASADENA ST

3505 PASADENA ST

Year	Uses	Source
1975	WELCHS INDUSTRIAL UNIFORM & WIPING TOWELS	Pacific Telephone
	WELCH S INDUSTRIAL UNIFORM & WIPING TOWELS	Pacific Telephone
1970	WELCHS INDUSTRIAL UNIFORM & WIPING TOWELS	Pacific Telephone
	WELCHS INDUSTRIAL UNIFORM & WIPING TOWELS	Pacific Telephone
1966	WELCH S INDUSTRIAL UNIFORM & WIPING TOWELS	Pacific Telephone
1962	WELCH S INDUSTRIAL UNIFORM & WIPING TOWELS	Pacific Telephone
1960	WELCHS INDUSTRIAL UNIFORM S & WIPING TOWELS	Pacific Telephone
1958	WELCHS OVERALL CLEANING CO INC	Pacific Telephone
	Pur O Serve Linen Supply Co	Pacific Telephone
	Block Leonard W Welchs Overall Clning Co Inc	Pacific Telephone
1957	WELCHS OVERALL CLEANING CO INC	Pacific Telephone

SMITH

3311 SMITH

Year	Uses	Source
1986	LOPEZ ADAN	Pacific Bell
1981	RAMIREZ ROSARIO	Pacific Telephone
1971	Quinn Martha B	Pacific Telephone
1967	Quinn Martha B	Pacific Telephone

Year	Uses	Source
1962	Hamilton Lena B	Pacific Telephone
	Quinn Martha B	Pacific Telephone
1942	Gimbrin Steph Isabel clk	Los Angeles Directory Co.
	Pentico Clarence E Betty driver	Los Angeles Directory Co.

3313 SMITH

Year	Uses	Source
1981	HERRERA FRANK S	Pacific Telephone
	HERRERA FRANK S	Pacific Telephone
1971	Mann Joyce V	Pacific Telephone
1967	Mann Joyce V	Pacific Telephone
1962	Mann Joyce V	Pacific Telephone
1942	Strawmatt Granville Eunice	Los Angeles Directory Co.

3314 SMITH

Year	Uses	Source
1981	GUTIERREZ JOSE	Pacific Telephone
1971	Vasquez Alex	Pacific Telephone
1967	Lara Pesugio	Pacific Telephone
1942	PAYNE Donald Willa mtrmn	Los Angeles Directory Co.

3315 SMITH

Year	Uses	Source
1986	BUSTOS CRLSTOVAL	Pacific Bell
1981	GOMEZ DAVID	Pacific Telephone
1971	Delgado Ralph S	Pacific Telephone
1967	Woods Lavinia	Pacific Telephone
1962	Woods Roy J	Pacific Telephone
	Woods Lavinia	Pacific Telephone
	Bojorquez Virginia	Pacific Telephone
1942	Cuppy Glenn L Nevada carmn SP Co	Los Angeles Directory Co.
	Portesi Louis V Elaine mach SP Co	Los Angeles Directory Co.

3316 SMITH

Year	Uses	Source
1981	VIDRIO DAVID	Pacific Telephone
1967	Leos Helen	Pacific Telephone
1962	Beserra Joe L	Pacific Telephone
1942	Ruiz Abr Lola plmbr	Los Angeles Directory Co.

FINDINGS

3329 SMITH

Year	Uses	Source
1986	TAMAYO MARIO	Pacific Bell
1981	TAMAYO MARIO	Pacific Telephone
1942	GONZALES Jacob Josephine meach	Los Angeles Directory Co.

3331 SMITH

Year	Uses	Source
1990	CALIXTO R & G	Pacific Bell
1986	COTERO OSCAR X	Pacific Bell
1971	Mendorff Frank	Pacific Telephone
1962	Dennon Dorothy B	Pacific Telephone

3401 SMITH

Year	Uses	Source
1990	CANO CLEMENCIA	Pacific Bell

3403 SMITH

Year	Uses	Source
1990	DEL CID ANA EUGENIA	Pacific Bell
1981	FELIX RAFAEL	Pacific Telephone
1962	De La Cruz Marcelina	Pacific Telephone
	De La Cruz Alfredo A	Pacific Telephone
1937	Cordy Duval L Evelyn auto mech	Los Angeles Directory Co.
1933	Keith Geo Ruth plater	Los Angeles Directory Co.

3405 SMITH

Year	Uses	Source
1981	HUERTA FRANCISCO C	Pacific Telephone
1971	Lara Rogelio	Pacific Telephone
1962	Ortiz Jim	Pacific Telephone
1942	MORRISON Jos Edith driver	Los Angeles Directory Co.
1937	BARTLETT Florence Mrs	Los Angeles Directory Co.
1933	Benck Henry C Anna C slsmn Western Dairy Products	Los Angeles Directory Co.

3409 SMITH

Year	Uses	Source
1990	VOONG CHIT CA	Pacific Bell
1971	Veloz Tony	Pacific Telephone
1967	Lopez Sergio	Pacific Telephone

Year	Uses	Source
1942	LARSON Elmer M Eliz carp	Los Angeles Directory Co.
1937	Vance Rufus M Nell lab	Los Angeles Directory Co.
1933	Dalton Carrie Mrs	Los Angeles Directory Co.

3311 1/2 SMITH

Year	Uses	Source
1986	VILLEGAS MARIO	Pacific Bell

3329 1/2 SMITH

Year	Uses	Source
1990	LOPEZ ERNESTO	Pacific Bell

3401 1/2 SMITH

Year	Uses	Source
1986	GOMEZ PATRICIA	Pacific Bell

SMITH ST

3310 SMITH ST

Year	Uses	Source
1958	Parra Lucy M	Pacific Telephone
1951	Smith Hollis Alfred Mrs r	Pacific Telephone & Telegraph Co.

3311 SMITH ST

Year	Uses	Source
2006	CHAMU Cecilia	Haines Company, Inc.
2000	PATRICKS MOVING CO	Haines & Company
	MOY Oi	Haines & Company
	MIRANDA Agraciano M	Haines & Company
1958	Quinn Martha B	Pacific Telephone
	Hamilton Lena B	Pacific Telephone
1951	Smith Cobine Richard R	Pacific Telephone & Telegraph Co.

3313 SMITH ST

Year	Uses	Source
2006	CHAMU Teresa	Haines Company, Inc.
2000	COVA Andrew	Haines & Company
1976	Valerio Bernardo S Sr	Pacific Telephone
1951	Smith Strawmatt Granville E r	Pacific Telephone & Telegraph Co.

FINDINGS

3314 SMITH ST

Year	Uses	Source
2000	XXXX	Haines & Company

3315 SMITH ST

Year	Uses	Source
1976	Delgado Ralph S	Pacific Telephone
1958	Mann Joyce V	Pacific Telephone

3316 SMITH ST

Year	Uses	Source
2006	No Current Listing	Haines Company, Inc.
2000	SALINAS Esther	Haines & Company

3317 SMITH ST

Year	Uses	Source
1958	Hernandez Francisca	Pacific Telephone

3329 SMITH ST

Year	Uses	Source
2000	XXXX	Haines & Company
1951	Smith Apodaca Floyd r	Pacific Telephone & Telegraph Co.

3331 SMITH ST

Year	Uses	Source
2006	No Current Listing	Haines Company, Inc.
1976	Bentancourt Jessie	Pacific Telephone
1958	Bianes Joe B	Pacific Telephone
1951	Smith Horras P A prntng	Pacific Telephone & Telegraph Co.

3333 SMITH ST

Year	Uses	Source
1958	Gulliver Lulu Grace Mrs	Pacific Telephone
1951	Smith Gulliver Lulu Grace Mrs r	Pacific Telephone & Telegraph Co.

3400 SMITH ST

Year	Uses	Source
2000	XXXX	Haines & Company
1958	Bernstein Belle	Pacific Telephone
1951	Smith Turner Jos Walter r	Pacific Telephone & Telegraph Co.

FINDINGS

3401 SMITH ST

Year	Uses	Source
2006	DELOS Santos Isaac	Haines Company, Inc.
	GALVAN Maria	Haines Company, Inc.
	Eleanor	Haines Company, Inc.

3403 SMITH ST

Year	Uses	Source
2006	No Current Listing	Haines Company, Inc.
2000	CHEN Shiann	Haines & Company
	ROSALES Adela	Haines & Company

3405 SMITH ST

Year	Uses	Source
2000	XXXX	Haines & Company
1976	Luevanos M	Pacific Telephone
1951	Smith Davis John F r	Pacific Telephone & Telegraph Co.

3407 SMITH ST

Year	Uses	Source
2006	No Current Listing	Haines Company, Inc.
2000	GOMEZ Jesus	Haines & Company
1976	Nevarrez Alejandro	Pacific Telephone
1951	Smith Radio E B r	Pacific Telephone & Telegraph Co.

3409 SMITH ST

Year	Uses	Source
2000	XXXX	Haines & Company
1976	Luevanos Vicente	Pacific Telephone
1951	Smith Dierker Omer r	Pacific Telephone & Telegraph Co.

3431 SMITH ST

Year	Uses	Source
1958	Nieto Eustolia	Pacific Telephone
	Burrola Isabel	Pacific Telephone
1951	Smith Nieto Eustolia r	Pacific Telephone & Telegraph Co.

FINDINGS

W 33

114 W 33

Year	Uses	Source
1990	DIAZ JULIO	Pacific Bell

211 W 33

Year	Uses	Source
1990	RUSSING ENGINEERING PRECISION MACHINING	Pacific Bell

216 W 33

Year	Uses	Source
1990	STONE DICK	Pacific Bell

220 W 33

Year	Uses	Source
1986	WHITNEY ODIA	Pacific Bell
1981	WHITNEY ODIA	Pacific Telephone

232 W 33

Year	Uses	Source
1986	BELTRAN BENJAMIN	Pacific Bell

311 W 33

Year	Uses	Source
1990	G & G AIR CONDITIONING INC	Pacific Bell
	G & G SERVICE INC	Pacific Bell

315 W 33

Year	Uses	Source
1990	VU TAI VAN	Pacific Bell
1986	WAYNE S WOOD CARVING	Pacific Bell
1981	WAYNE S WOOD CARVING	Pacific Telephone
1960	SANDCAST FOUNDRY	Pacific Telephone
	SANDCAST FOUNDRY	Pacific Telephone

W 34

116 W 34

Year	Uses	Source
1990	HERRERA V G	Pacific Bell

FINDINGS

129 W 34

Year	Uses	Source
1981	CAMOUFLAGE FABRICS & WALL COVERING INC	Pacific Telephone

130 W 34

Year	Uses	Source
1990	RIVERA CARMEN	Pacific Bell

134 W 34

Year	Uses	Source
1986	ISHIZAKI STUDIOS	Pacific Bell

138 W 34

Year	Uses	Source
1990	ARGUS TOOL MANUFACTURING FIRE EQUIP	Pacific Bell

166 W 34

Year	Uses	Source
1990	SMART SAVER	Pacific Bell

170 W 34

Year	Uses	Source
1990	COVA IGNACIO AUTO REPRNG	Pacific Bell

W AVENUE 33

114 W AVENUE 33

Year	Uses	Source
2006	o ABREGOMardo	Haines Company, Inc.
	CARDOZA Rafael	Haines Company, Inc.

118 W AVENUE 33

Year	Uses	Source
2006	ABREGOOscar	Haines Company, Inc.

W Avenue 33

119 W Avenue 33

Year	Uses	Source
2014	ADINOFF INC	EDR Digital Archive
2010	ADINOFF INC	EDR Digital Archive

FINDINGS

W AVENUE 33

201 W AVENUE 33

Year	Uses	Source
2006	JIMENEZArturo	Haines Company, Inc.

211 W AVENUE 33

Year	Uses	Source
2006	NAM LEEINC	Haines Company, Inc.

214 W AVENUE 33

Year	Uses	Source
2006	Hector	Haines Company, Inc.
	SPARKENBACH	Haines Company, Inc.

215 W AVENUE 33

Year	Uses	Source
2006	SALAZAR Frank	Haines Company, Inc.

220 W AVENUE 33

Year	Uses	Source
2006	No Current Listing	Haines Company, Inc.

W Avenue 33

311 W Avenue 33

Year	Uses	Source
2014	G & G AIR CONDITIONING INC	EDR Digital Archive
2010	G & G AIR CONDITIONING INC	EDR Digital Archive
	G & G SERVICE INC	EDR Digital Archive

W AVENUE 33

311 W AVENUE 33

Year	Uses	Source
2006	CONDITIONING INC	Haines Company, Inc.
	G & G SERVICE INC	Haines Company, Inc.
	G & G AIR	Haines Company, Inc.

FINDINGS

W AVENUE 34

116 W AVENUE 34

Year	Uses	Source
2006	HERRERA V G	Haines Company, Inc.

118 W AVENUE 34

Year	Uses	Source
2006	MORALES Juan F	Haines Company, Inc.
	o HERRERAVera	Haines Company, Inc.

W Avenue 34

130 W Avenue 34

Year	Uses	Source
2014	THANKSGIVING INC	EDR Digital Archive
2010	THANKSGIVING INC	EDR Digital Archive

W AVENUE 34

130 W AVENUE 34

Year	Uses	Source
2006	00X	Haines Company, Inc.

W Avenue 34

134 W Avenue 34

Year	Uses	Source
2014	VGA APPAREL INC	EDR Digital Archive
2010	A C W APPAREL	EDR Digital Archive
	GML APPAREL INC	EDR Digital Archive

W AVENUE 34

134 W AVENUE 34

Year	Uses	Source
2006	PTS APPAREL INC	Haines Company, Inc.

FINDINGS

W Avenue 34

138 W Avenue 34

Year	Uses	Source
2010	TERES FASHIONS INC	EDR Digital Archive

W AVENUE 34

138 W AVENUE 34

Year	Uses	Source
2006	LASVILLAS	Haines Company, Inc.
	TERES FASHION	Haines Company, Inc.

140 W AVENUE 34

Year	Uses	Source
2006	BARRIOS David	Haines Company, Inc.

W Avenue 34

164 W Avenue 34

Year	Uses	Source
2014	WATER LAND INC	EDR Digital Archive
2010	WATER LAND INC	EDR Digital Archive

W AVENUE 34

166 W AVENUE 34

Year	Uses	Source
2006	WATERLANDINC	Haines Company, Inc.

FINDINGS

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

Address Researched	Address Not Identified in Research Source
102 AVENUE 35 E	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
104 AVENUE 33 E	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
104 E AVENUE 33	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
106 AVENUE 33 E	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
106 E 33	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
106 E AVENUE 33	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
107 AVENUE 35 E	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
107 E 35	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
107 E AVENUE 35	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
110 AVENUE 33 E	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
110 E 33	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
110 E AVENUE 33	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
114 W 33	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
114 W AVENUE 33	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
116 AVENUE 34 W	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
116 W 34	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
116 W AVENUE 34	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
118 AVENUE 33 E	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
118 AVENUE 34 W	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
118 E AVENUE 33	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
118 W AVENUE 33	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
118 W AVENUE 34	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
119 W Avenue 33	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
120 AVENUE 33 E	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
120 AVENUE 34 W	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
120 AVENUE 35 E	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
120 E 35	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
120 E AVENUE 33	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
120 E AVENUE 35	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
120 E Avenue 35	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
121 AVENUE 33 E	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
121 AVENUE 35 E	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
121 E 33	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
121 E AVENUE 33	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
121 E AVENUE 35	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
123 AVENUE 35 E	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
123 E AVENUE 35	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
124 AVENUE 33 E	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
125 AVENUE 35 E	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
125 E 35	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
125 E AVENUE 35	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
127 AVENUE 34 W	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
129 AVENUE 34 W	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
129 AVENUE 35 E	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
129 E 35	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
129 E AVENUE 35	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
129 W 34	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
130 W 34	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
130 W AVENUE 34	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
130 W Avenue 34	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
131 AVENUE 35 E	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
131 E 35	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
134 AVENUE 34 W	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
134 W 34	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
134 W AVENUE 34	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
134 W Avenue 34	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
135 AVENUE 35 E	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
135 E 35	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
135 E AVENUE 35	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
136 AVENUE 34 W	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
138 AVENUE 34 W	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
138 W 34	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
138 W AVENUE 34	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
138 W Avenue 34	2014, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
139 AVENUE 35 E	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
139 E 35	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
139 E AVENUE 35	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
140 AVENUE 34 W	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
140 W AVENUE 34	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
141 AVENUE 35 E	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
141 E 35	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
145 AVENUE 35 E	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
145 E 35	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
145 E AVENUE 35	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
164 AVENUE 34 W	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
164 W Avenue 34	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
166 AVENUE 34 W	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
166 W 34	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
166 W AVENUE 34	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
170 AVENUE 34 W	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
170 W 34	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
201 W AVENUE 33	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
211 W 33	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
211 W AVENUE 33	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
214 AVENUE 33 W	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
214 W AVENUE 33	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
215 W AVENUE 33	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
216 AVENUE 33 W	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
216 W 33	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
220 AVENUE 33 W	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
220 W 33	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
220 W AVENUE 33	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
232 W 33	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
252 AVENUE 34 W	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
307 AVENUE 33 W	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
311 AVENUE 33 W	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
311 W 33	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
311 W AVENUE 33	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
311 W Avenue 33	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
315 AVENUE 33 W	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
315 W 33	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3223 PASADENA AVE	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
3225 PASADENA	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3225 PASADENA AVE	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
3227 PASADENA AVE	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
3228 PASADENA AVE	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3229 PASADENA AVE	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
3231 PASADENA AVE	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
3239 PASADENA AVE	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3251 PASADENA AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3280 PASADENA AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
3298 HUMBOLDT ST	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3300 PASADENA AVE	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3302 PASADENA AVE	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3302 Pasadena Ave	2014, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3304 PASADENA AVE	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3305 PASADENA AVE	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3305 Pasadena Ave	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3307 Pasadena Ave	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
3307 PASADENA AVE	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
3310 SMITH ST	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3311 1/2 SMITH	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3311 PASADENA AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
3311 SMITH	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1985, 1980, 1976, 1975, 1972, 1970, 1969, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3311 SMITH ST	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3313 SMITH	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1980, 1976, 1975, 1972, 1970, 1969, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3313 SMITH ST	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3314 SMITH	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1980, 1976, 1975, 1972, 1970, 1969, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3314 SMITH ST	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3315 PASADENA AVE	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
3315 SMITH	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1985, 1980, 1976, 1975, 1972, 1970, 1969, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3315 SMITH ST	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3316 SMITH	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3316 SMITH ST	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3317 SMITH ST	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3320 PASADENA AVE	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3321 PASADENA AVE	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1985, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
3323 PASADENA AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
3326 GRIFFIN AVE	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3326 PASADENA AVE	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
3328 PASADENA AVE	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
3328 Pasadena Ave	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3329 1/2 SMITH	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3329 GRIFFIN AVE	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1985, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3329 SMITH	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3329 SMITH ST	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3331 GRIFFIN AVE	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3331 SMITH	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1985, 1981, 1980, 1976, 1975, 1972, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3331 SMITH ST	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3332 PASADENA AVE	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
3332 Pasadena Ave	2014, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3333 GRIFFIN AVE	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
3333 SMITH ST	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3337 GRIFFIN AVE	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3339 1/2 GRIFFIN AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3339 GRIFFIN AVE	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3341 GRIFFIN AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3343 GRIFFIN AVE	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3347 GRIFFIN AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3349 GRIFFIN AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3400 SMITH ST	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3401 1/2 SMITH	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3401 SMITH	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
3401 SMITH ST	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3403 SMITH	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3403 SMITH ST	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3405 SMITH	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1980, 1976, 1975, 1972, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3405 SMITH ST	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3406 PASADENA AVE	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3407 PASADENA AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
3407 SMITH ST	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3409 PASADENA AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
3409 SMITH	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1970, 1969, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3409 SMITH ST	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
3411 PASADENA AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3412 PASADENA AVE	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3412 Pasadena Ave	2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3414 PASADENA AVE	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
3417 PASADENA AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3418 PASADENA AVE	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3419 PASADENA AVE	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
3420 PASADENA AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
3421 PASADENA AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3423 PASADENA AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
3424 PASADENA AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
3425 PASADENA AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
3426 PASADENA AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
3427 1/2 MARMION WAY	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3427 3/4 MARMION WAY	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3427 MARMION WAY	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1985, 1980, 1975, 1972, 1970, 1969, 1966, 1965, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
3429 MARMION WAY	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3429 PASADENA AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
3430 PASADENA AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3431 MARMION WAY	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1980, 1975, 1972, 1970, 1969, 1966, 1965, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
3431 PASADENA AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
3431 SMITH ST	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
3434 PASADENA AVE	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3435 MARMION WAY	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1980, 1975, 1972, 1970, 1969, 1966, 1965, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
3436 PASADENA AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
3437 MARMION WAY	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
3437 PASADENA AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
3438 PASADENA AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
3439 1/2 MARMION WAY	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3439 1/4 MARMION WAY	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3439 1/4 MARMON WAY	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3439 MARMION WAY	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1980, 1975, 1972, 1970, 1969, 1966, 1965, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3439 PASADENA AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
3441 MARMION WAY	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
3443 MARMION WAY	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3445 E MARMION WAY	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3445 MARMION WAY	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3447 MARMION WAY	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1985, 1980, 1975, 1972, 1971, 1970, 1969, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3449 MARMION WAY	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3450 PASADENA AVE	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3451 MARMION WAY	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
3452 PASADENA AVE	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3452 Pasadena Ave	2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3454 PASA DENA AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
3454 PASADENA AVE	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3455 MARMION WAY	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1966, 1965, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
3456 PASADENA AVE	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3458 PASADENA AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3459 MARMION WAY	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1980, 1976, 1975, 1972, 1970, 1969, 1966, 1965, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
3461 MARMION WAY	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1985, 1980, 1976, 1975, 1972, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
3463 MARMION WAY	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3467 1/2 MARMION WAY	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3467 MARMON WAY	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3500 PASADENA AVE	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
3500 Pasadena Ave	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
3505 Pasadena Ave	2014, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3505 PASADENA AVE	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
3505 PASADENA ST	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1969, 1967, 1965, 1964, 1963, 1961, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3508 PASADENA AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
403 AVENUE 33 W	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
420 AVENUE 33 W	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

Address Researched	Address Not Identified in Research Source
135 141 153 West Avenue 34; 3401 3433 Pasadena Ave	2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1985, 1980, 1976, 1975, 1972, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920

135 141 153 West Avenue 34 3401 3433 Pasadena Ave

135 141 153 West Avenue 34 3401 3433 Pasadena Ave

Los Angeles, CA 90031

Inquiry Number: 5694144.3

June 24, 2019

Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

06/24/19

Site Name:

135 141 153 West Avenue 34
135 141 153 West Avenue 34
Los Angeles, CA 90031
EDR Inquiry # 5694144.3

Client Name:

Fulcrum Resources Environmental
517 S. Ivy Avenue
MONROVIA, CA 91016
Contact: Rose Mireles

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Fulcrum Resources Environmental were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # A9FB-40E5-B885

PO # NA

Project 201906-5738 ESAI

Maps Provided:

1970
1951
1920
1906

Sanborn® Library search results

Certification #: A9FB-40E5-B885

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☑ Library of Congress
- ☑ University Publications of America
- ☑ EDR Private Collection

The Sanborn Library LLC Since 1866™

Limited Permission To Make Copies

Fulcrum Resources Environmental (the client) is permitted to make up to FIVE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2019 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

Sanborn Sheet Key

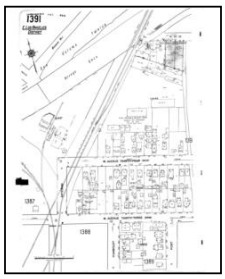
This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1970 Source Sheets

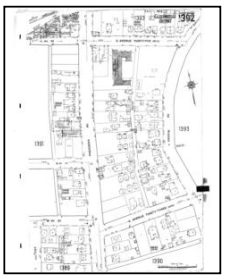
Volume 13, Sheet 1391
1970

Volume 13, Sheet 1392
1970

1951 Source Sheets

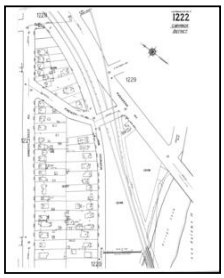


Volume 13, Sheet 1391
1951



Volume 13, Sheet 1392
1951

1920 Source Sheets



Volume 12, Sheet 1222
1920

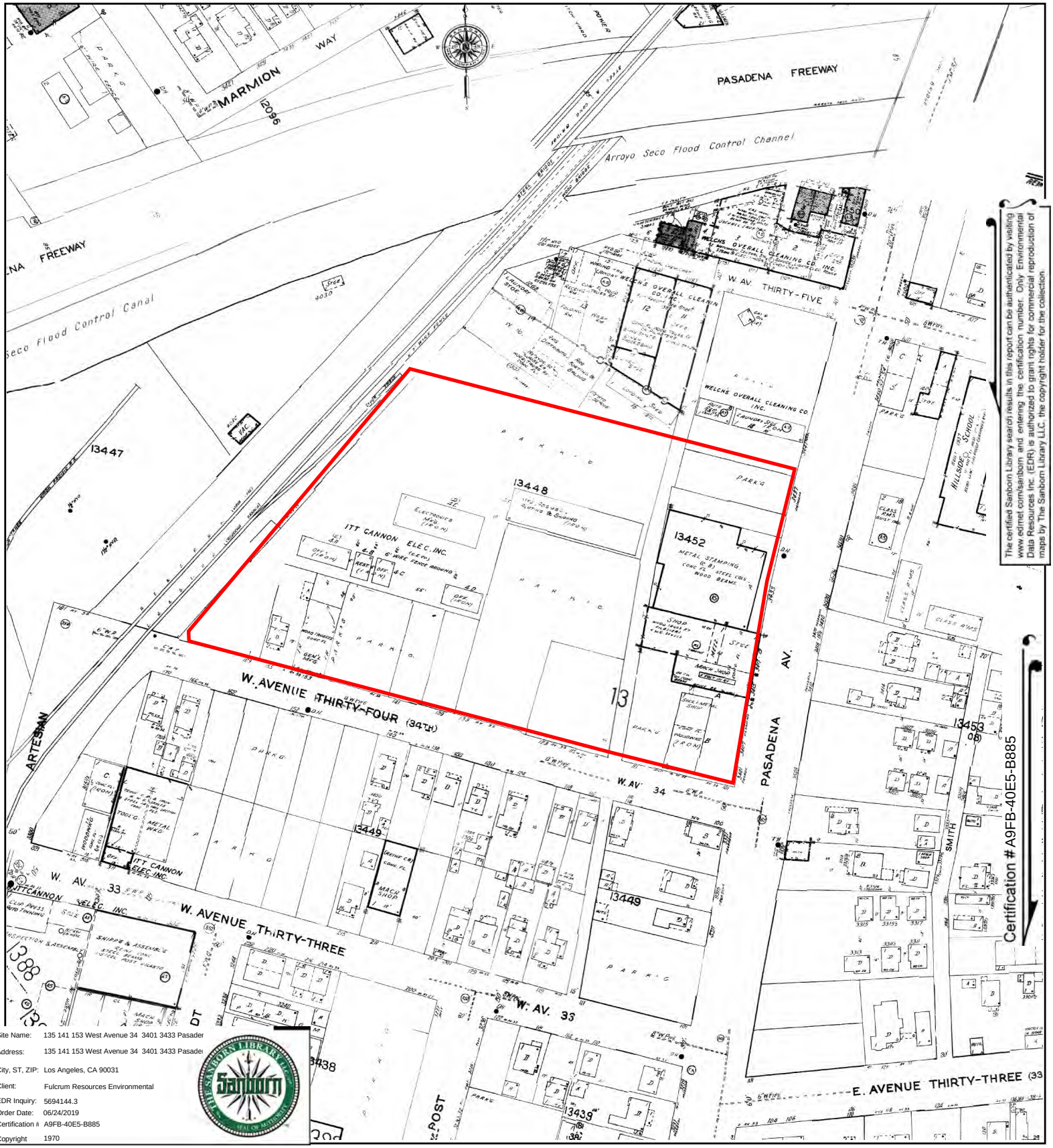
Volume 13, Sheet 1391
1920

Volume 13, Sheet 1392
1920

1906 Source Sheets

Volume 4, Sheet 381
1906

Volume 4, Sheet 382
1906

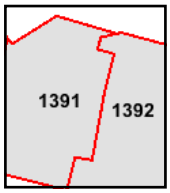


The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Site Name:	135 141 153 West Avenue 34 3401 3433 Pasader
Address:	135 141 153 West Avenue 34 3401 3433 Pasader
City, ST, ZIP:	Los Angeles, CA 90031
Client:	Fulcrum Resources Environmental
EDR Inquiry:	5694144.3
Order Date:	06/24/2019
Certification #	A9FB-40E5-B885
Copyright	1970

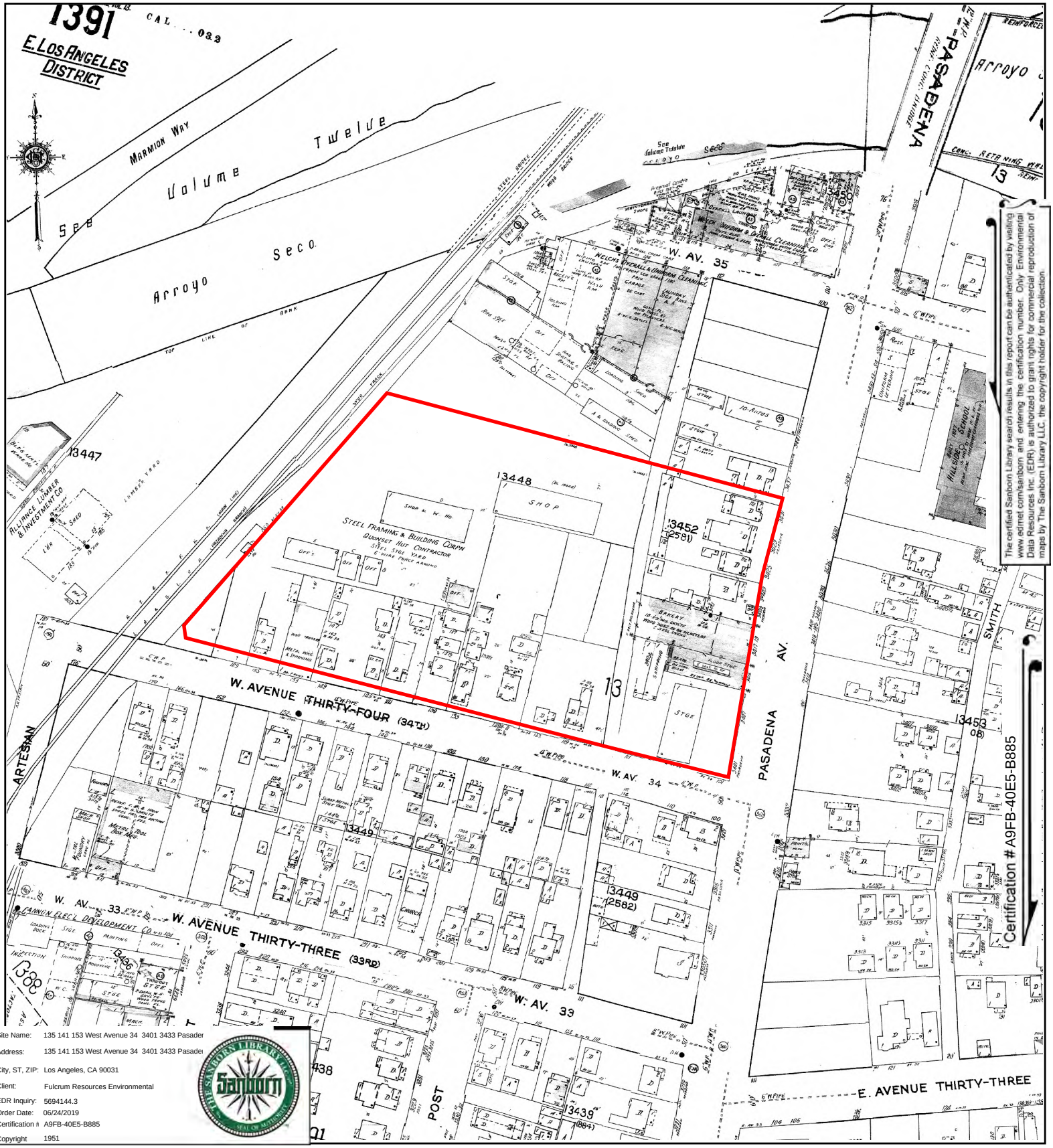
This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

0 Feet 150 300 600



Volume 13, Sheet 1392
Volume 13, Sheet 1391

N

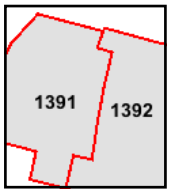


The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Site Name:	135 141 153 West Avenue 34 3401 3433 Pasader
Address:	135 141 153 West Avenue 34 3401 3433 Pasader
City, ST, ZIP:	Los Angeles, CA 90031
Client:	Fulcrum Resources Environmental
EDR Inquiry:	5694144.3
Order Date:	06/24/2019
Certification #	A9FB-40E5-B885
Copyright	1951

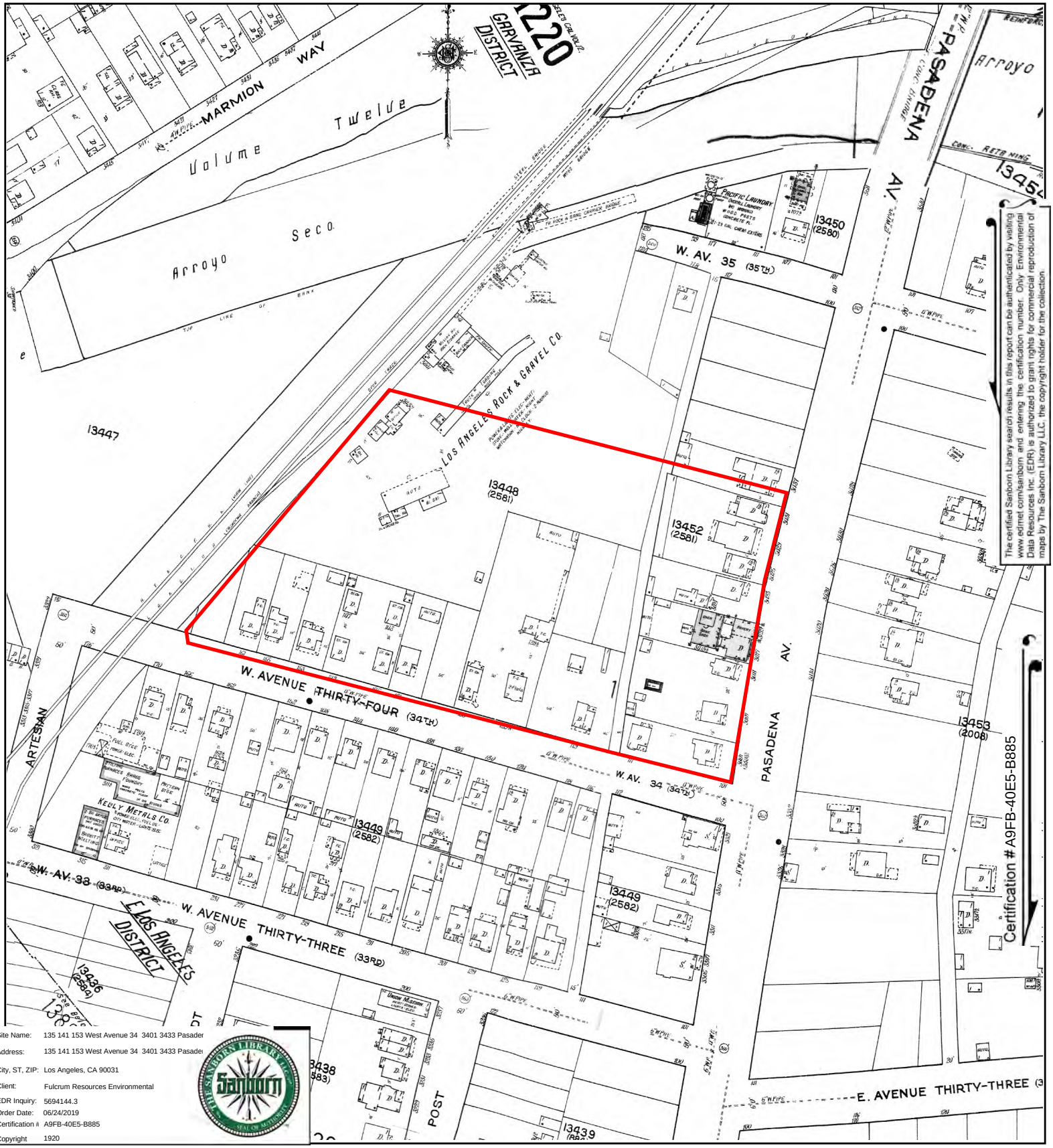
This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

0 Feet 150 300 600



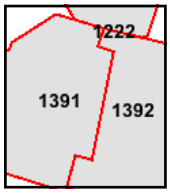
Volume 13, Sheet 1392
Volume 13, Sheet 1391

N



Site Name:	135 141 153 West Avenue 34 3401 3433 Pasader
Address:	135 141 153 West Avenue 34 3401 3433 Pasader
City, ST, ZIP:	Los Angeles, CA 90031
Client:	Fulcrum Resources Environmental
EDR Inquiry:	5694144.3
Order Date:	06/24/2019
Certification #	A9FB-40E5-B885
Copyright	1920

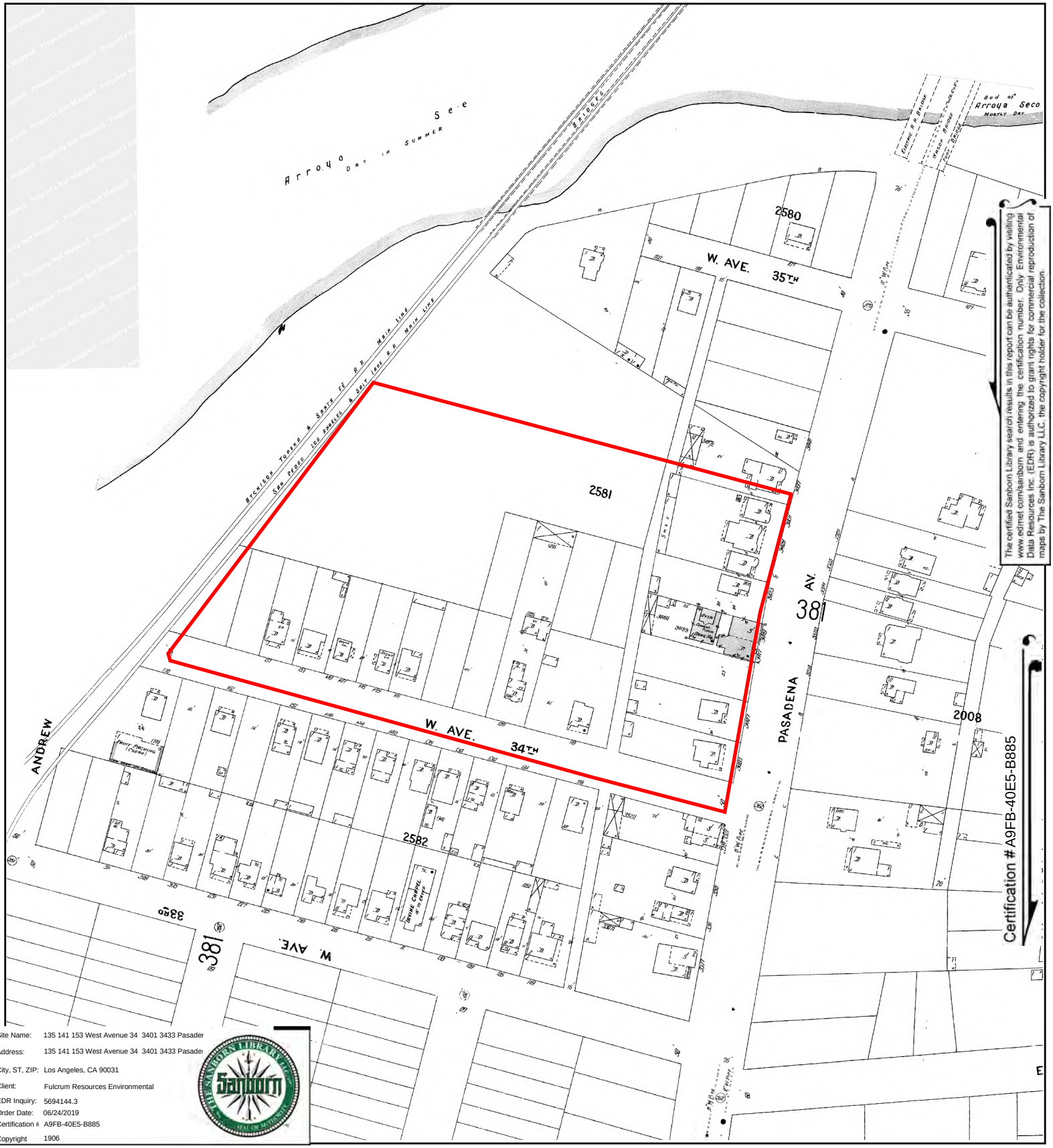
This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.



Volume 13, Sheet 1392
Volume 13, Sheet 1391
Volume 12, Sheet 1222

0 Feet 150 300 600

N

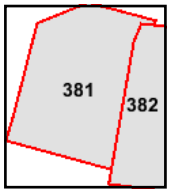


The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Site Name:	135 141 153 West Avenue 34 3401 3433 Pasader
Address:	135 141 153 West Avenue 34 3401 3433 Pasader
City, ST, ZIP:	Los Angeles, CA 90031
Client:	Fulcrum Resources Environmental
EDR Inquiry:	5694144.3
Order Date:	06/24/2019
Certification #	A9FB-40E5-B885
Copyright	1906

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

0 Feet 150 300 600



Volume 4, Sheet 382
Volume 4, Sheet 381

N

135 141 153 West Avenue 34; 3401 3433 Pasadena Ave

135 141 153 West Avenue 34; 3401 3433 Pasadena Ave

Los Angeles, CA 90031

Inquiry Number: 5694144.4

June 24, 2019

EDR Historical Topo Map Report

with QuadMatch™

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topo Map Report

06/24/19

Site Name:

135 141 153 West Avenue 34;
135 141 153 West Avenue 34;
Los Angeles, CA 90031
EDR Inquiry # 5694144.4

Client Name:

Fulcrum Resources Environmental
517 S. Ivy Avenue
MONROVIA, CA 91016
Contact: Rose Mireles

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Fulcrum Resources Environmental were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:

P.O.# NA
Project: 201906-5738 ESAI

Coordinates:

Latitude:	34.08475 34° 5' 5" North
Longitude:	-118.21431 -118° 12' 52" West
UTM Zone:	Zone 11 North
UTM X Meters:	387969.45
UTM Y Meters:	3772218.33
Elevation:	371.45' above sea level

Maps Provided:

2012
1994
1981
1972
1966
1953
1926, 1928
1900
1896
1894

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2019 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2012 Source Sheets

Los Angeles
2012
7.5-minute, 24000

1994 Source Sheets

Los Angeles
1994
7.5-minute, 24000
Aerial Photo Revised 1978

1981 Source Sheets

Los Angeles
1981
7.5-minute, 24000
Aerial Photo Revised 1978

1972 Source Sheets

Los Angeles
1972
7.5-minute, 24000
Aerial Photo Revised 1972

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1966 Source Sheets

Los Angeles
1966
7.5-minute, 24000
Aerial Photo Revised 1964

1953 Source Sheets

Los Angeles
1953
7.5-minute, 24000
Aerial Photo Revised 1952

1926, 1928 Source Sheets

Alhambra
1926
7.5-minute, 24000

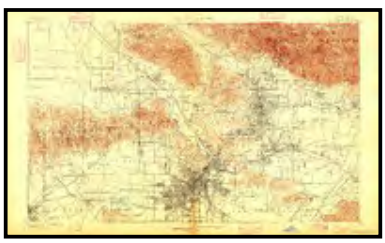
Altadena
1928
7.5-minute, 24000

Glendale
1928
7.5-minute, 24000

Los Angeles
1928
7.5-minute, 24000

1900 Source Sheets

Pasadena
1900
15-minute, 62500



Los Angeles
1900
15-minute, 62500

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1896 Source Sheets

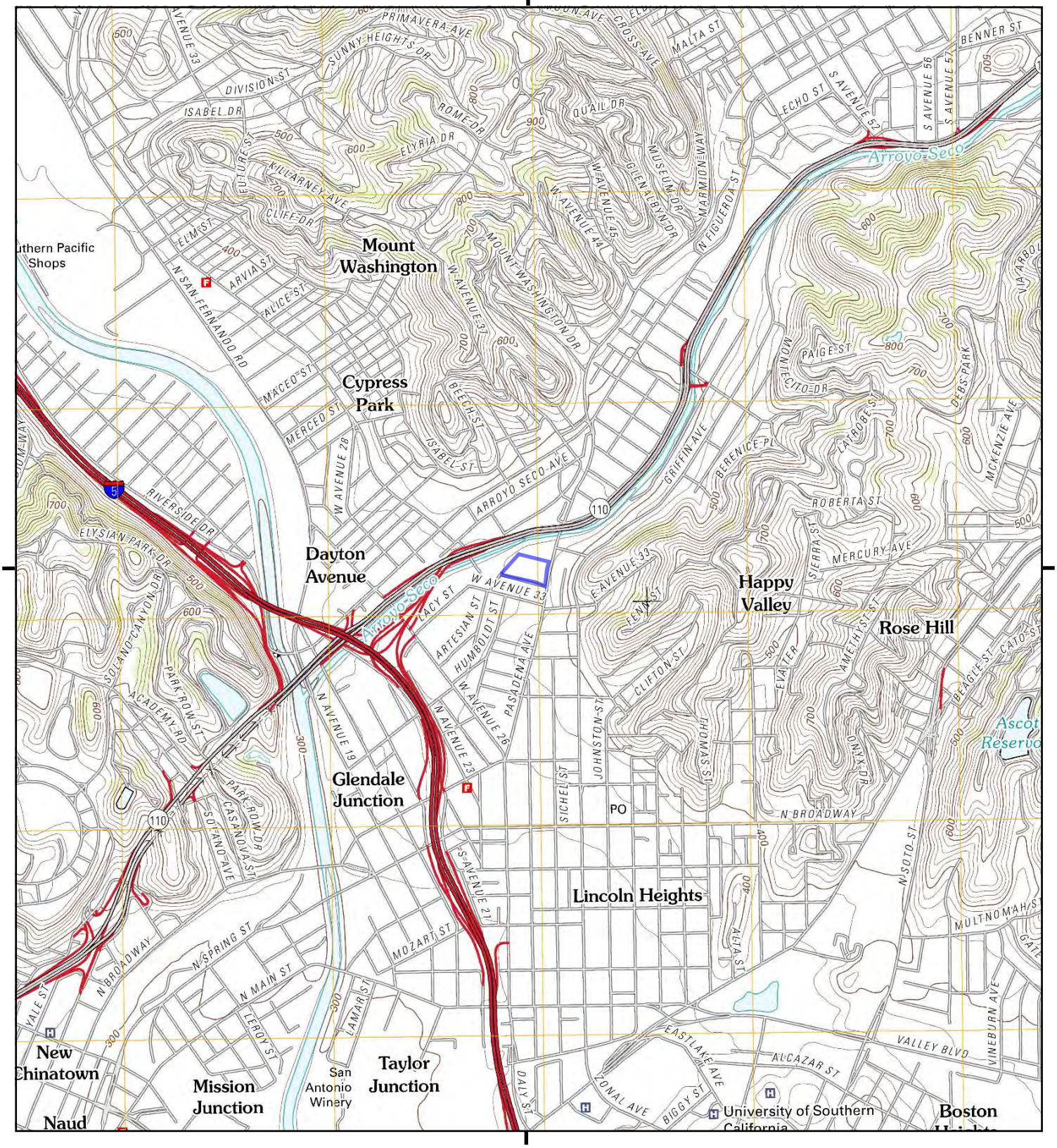
Pasadena
1896
15-minute, 62500

1894 Source Sheets

Los Angeles
1894
15-minute, 62500

Historical Topo Map

2012



This report includes information from the following map sheet(s).

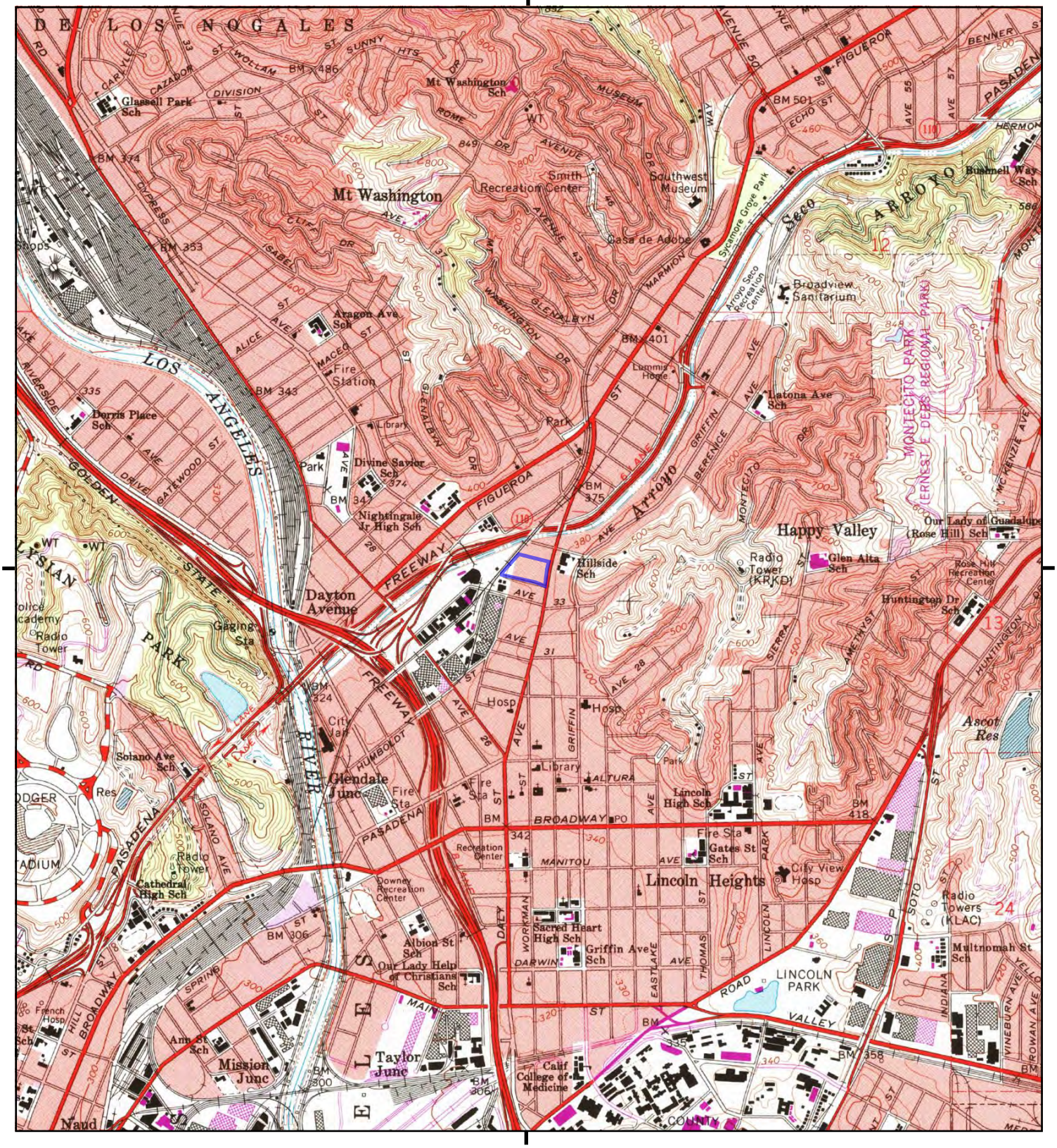
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Los Angeles, 2012, 7.5-minute

SITE NAME: 135 141 153 West Avenue 34; 3401 3433
ADDRESS: 135 141 153 West Avenue 34; 3401 3433
Los Angeles, CA 90031
CLIENT: Fulcrum Resources Environmental

N



This report includes information from the following map sheet(s).

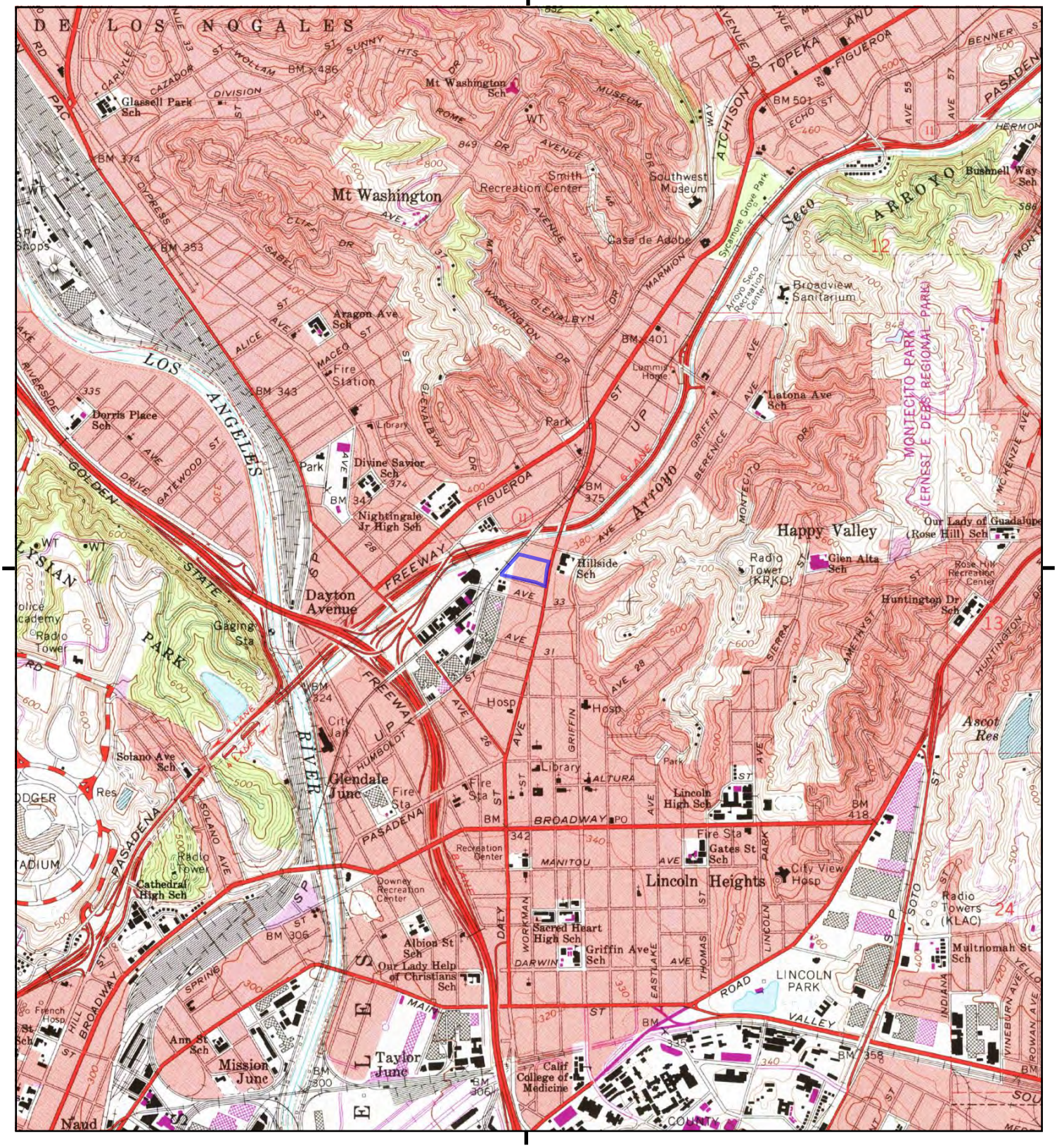
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Los Angeles, 1994, 7.5-minute

SITE NAME: 135 141 153 West Avenue 34; 3401 3433
ADDRESS: 135 141 153 West Avenue 34; 3401 3433
Los Angeles, CA 90031
CLIENT: Fulcrum Resources Environmental

N



This report includes information from the following map sheet(s).

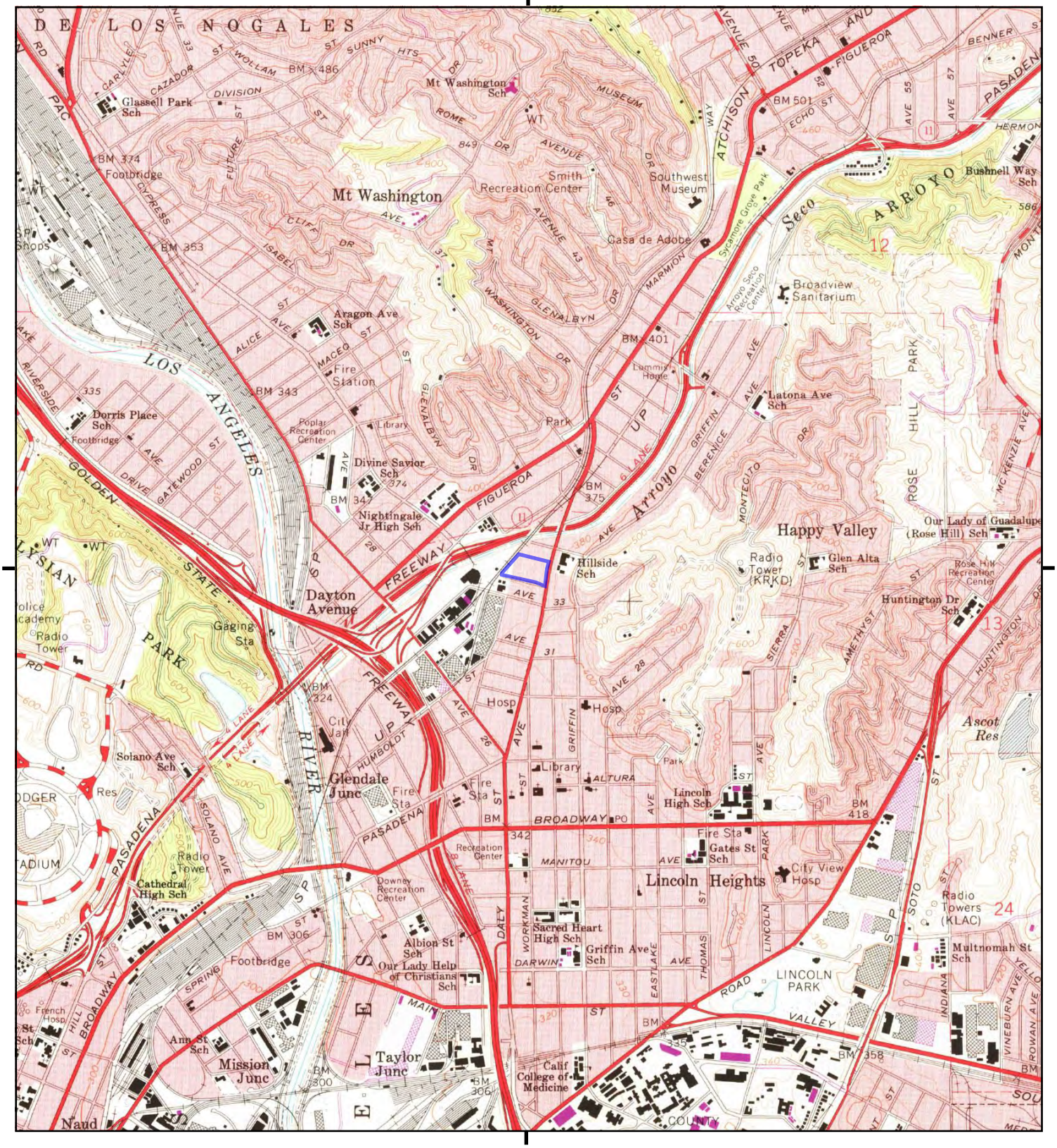
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Los Angeles, 1981, 7.5-minute

SITE NAME: 135 141 153 West Avenue 34; 3401 3433
ADDRESS: 135 141 153 West Avenue 34; 3401 3433
Los Angeles, CA 90031
CLIENT: Fulcrum Resources Environmental

N



This report includes information from the following map sheet(s).

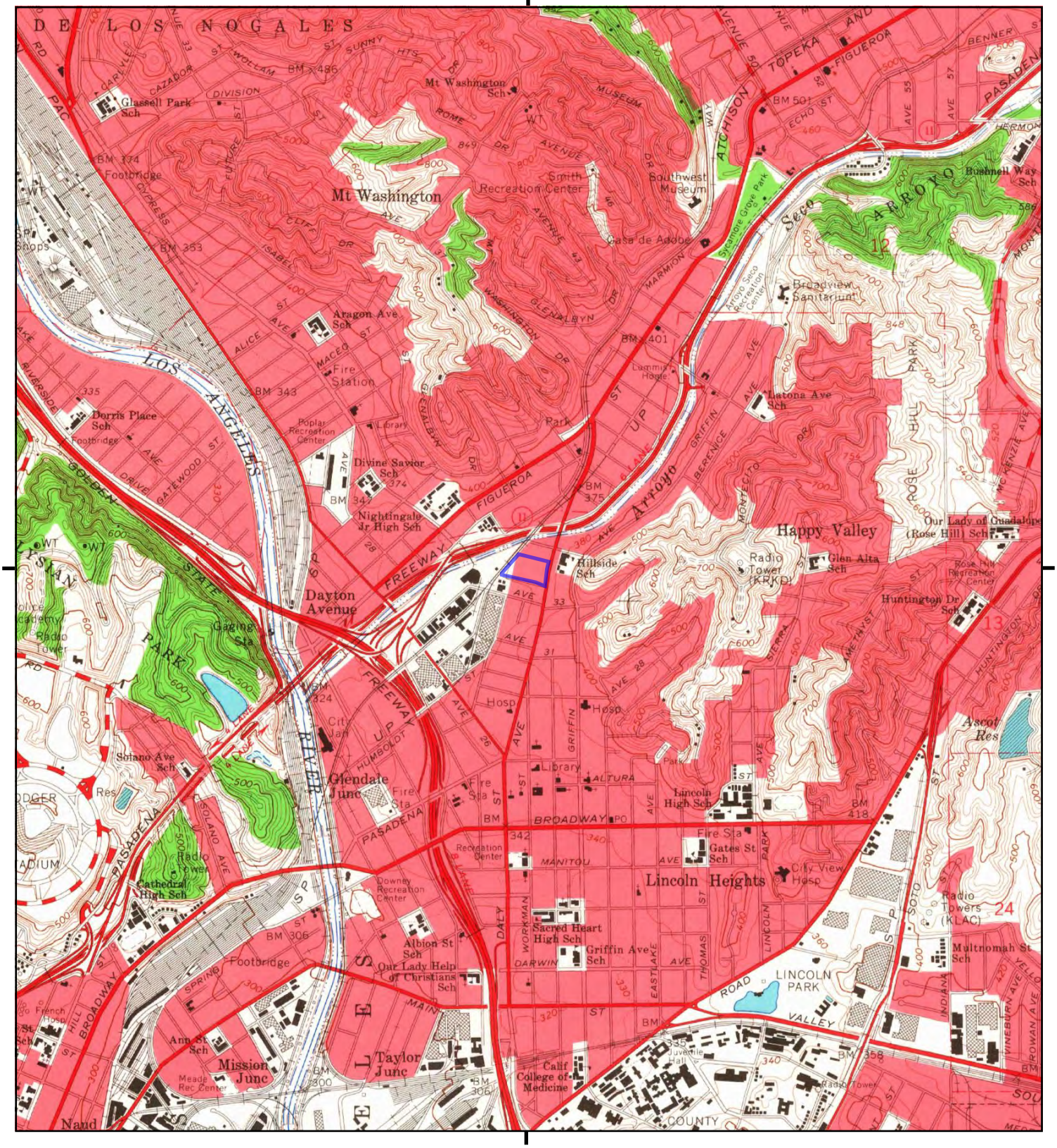
0 Miles 0.25 0.5 1 1.5

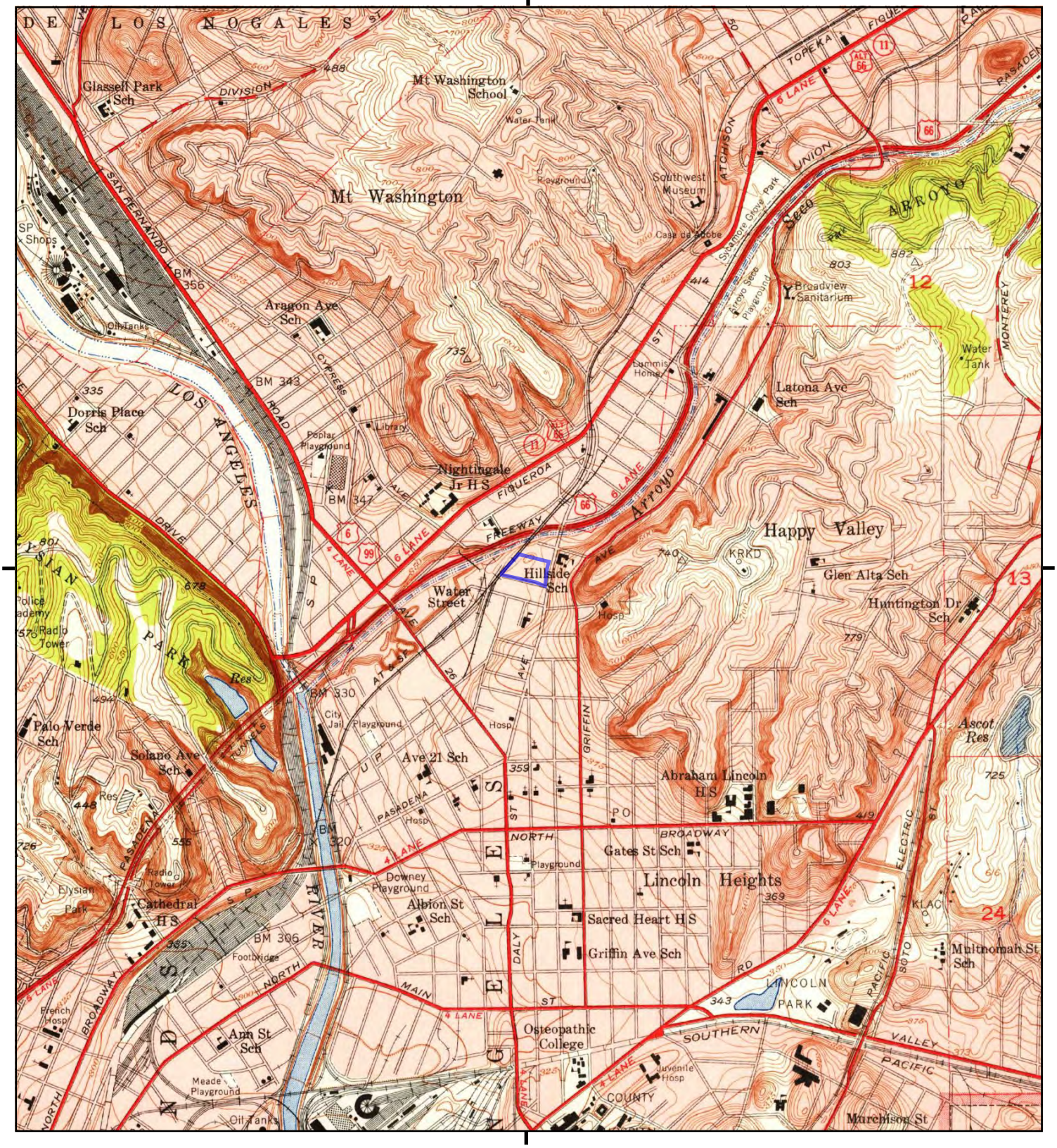
NW N NE
W E
SW S SE

TP, Los Angeles, 1972, 7.5-minute

SITE NAME: 135 141 153 West Avenue 34; 3401 3433
ADDRESS: 135 141 153 West Avenue 34; 3401 3433
Los Angeles, CA 90031
CLIENT: Fulcrum Resources Environmental

N


DE LOS NOGALES
Mt Washington
Mt Washington Sch
Glassell Park Sch
Recreation Center
Smith
Southwest Museum
Casa de Adobe
Aragon Ave Sch
Fire Station
Poplar Recreation Center
Divine Savior Sch
Nightingale Jr High Sch
Dorris Place Sch
Dayton Avenue
Gaging Sta
Glendale Junc
Solano Ave Sch
Cathedral High Sch
Footbridge
Albion St Sch
Our Lady Help of Christians Sch
Ann St Sch
Mission Junc
Taylor Junc
Calif College of Medicine
Hillside Sch
Happy Valley
Radio Tower (KRKD)
Glen Alta Sch
Latona Ave Sch
Broadview Sanitarium
Our Lady of Guadalupe (Rose Hill) Sch
Huntington Dr Sch
Ascot Res
Lincoln High Sch
Gates St Sch
Lincoln Heights
City View Hosp
Sacred Heart High Sch
Griffin Ave Sch
Multnomah St Sch
Radio Towers (KLAC)
LINCOLN PARK
Arroyo Seco
Sycamore Grove Park
Arroyo Seco Recreation Center
Busknell Way Sch
Rose Hill Recreation Center
Lummis Home
Library
Park
Hosp
Juvenile Hall
Meade Rec Center
Downey Recreation Center
Los Angeles River
Los Angeles State Gallery
Radio Tower
Res
Footbridge
BM 486
BM 501
BM 401
BM 343
BM 324
BM 306
BM 418
BM 358
BM 375
BM 174
BM 353
Sch
Fire Sta
Library
Hosp
Park
Recreation Center
Juvenile Hall
Radio Tower
Footbridge
Res
Meade Rec Center
Mission Junc
Taylor Junc
Glendale Junc
Dayton Avenue
Gaging Sta
Los Angeles River
Los Angeles State Gallery
Radio Tower
Mt Washington
Happy Valley
Lincoln Heights



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Los Angeles, 1953, 7.5-minute

SITE NAME: 135 141 153 West Avenue 34; 3401 3433
ADDRESS: 135 141 153 West Avenue 34; 3401 3433
Los Angeles, CA 90031
CLIENT: Fulcrum Resources Environmental

N

Historical Topo Map

1926, 1928

This report includes information from the following map sheet(s).

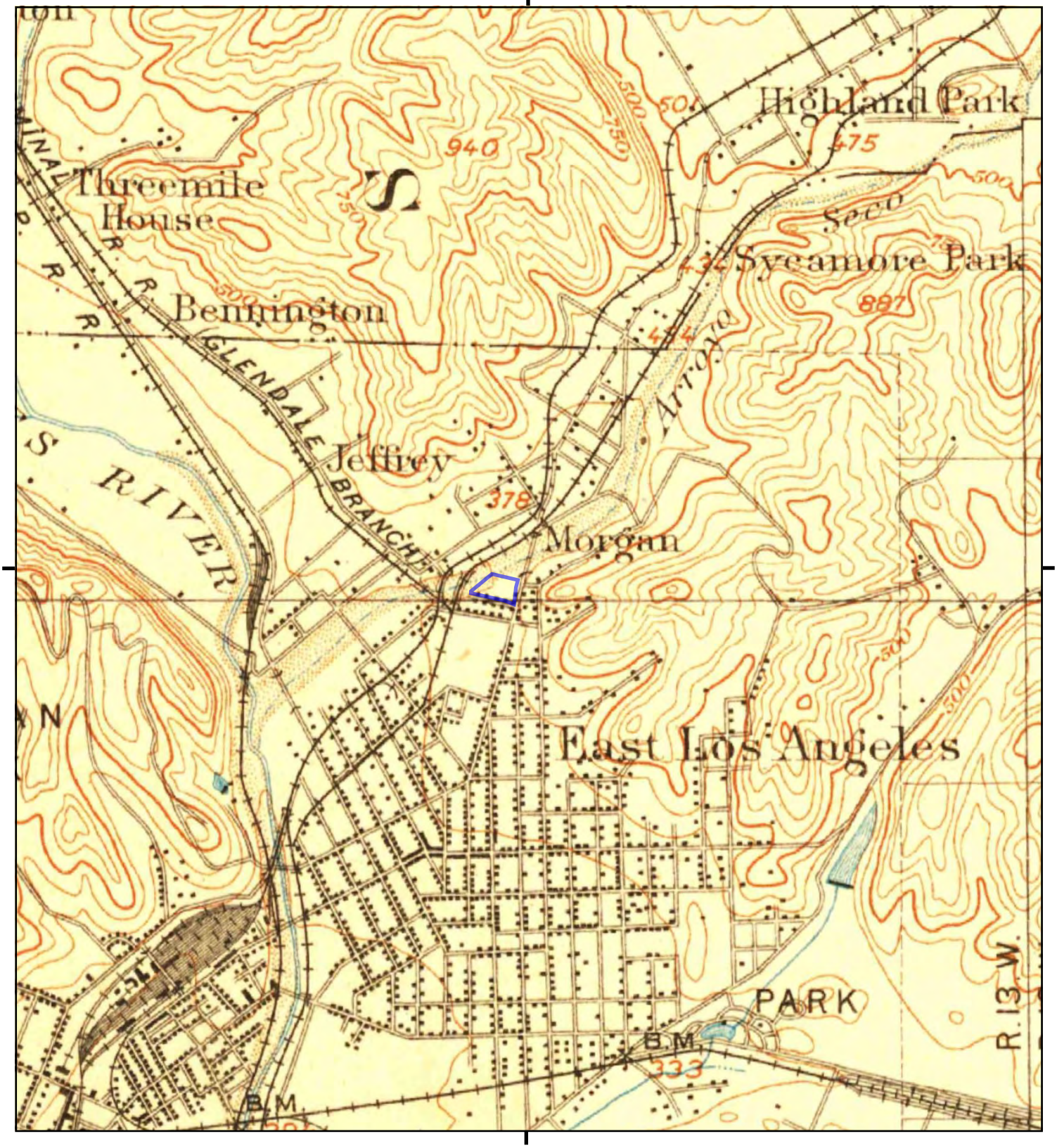
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

NE, Altadena, 1928, 7.5-minute
SE, Alhambra, 1926, 7.5-minute
NW, Glendale, 1928, 7.5-minute
T, Los Angeles, 1928, 7.5-minute

SITE NAME: 135 141 153 West Avenue 34; 3401 3433
ADDRESS: 135 141 153 West Avenue 34; 3401 3433
Los Angeles, CA 90031
CLIENT: Fulcrum Resources Environmental

N



This report includes information from the following map sheet(s).

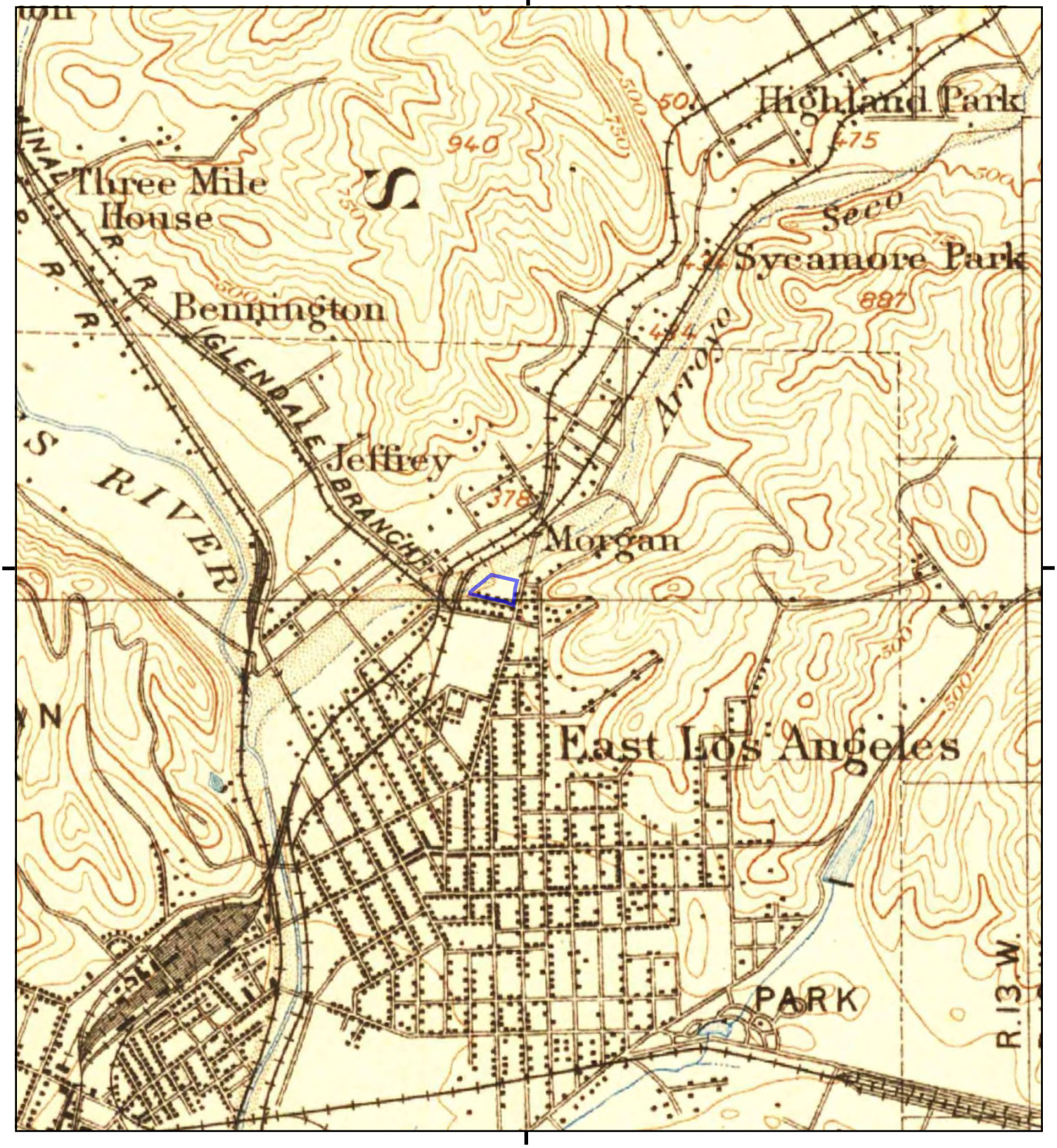
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Pasadena, 1900, 15-minute
TP, Los Angeles, 1900, 15-minute

SITE NAME: 135 141 153 West Avenue 34; 3401 3433
ADDRESS: 135 141 153 West Avenue 34; 3401 3433
Los Angeles, CA 90031
CLIENT: Fulcrum Resources Environmental

N



This report includes information from the following map sheet(s).

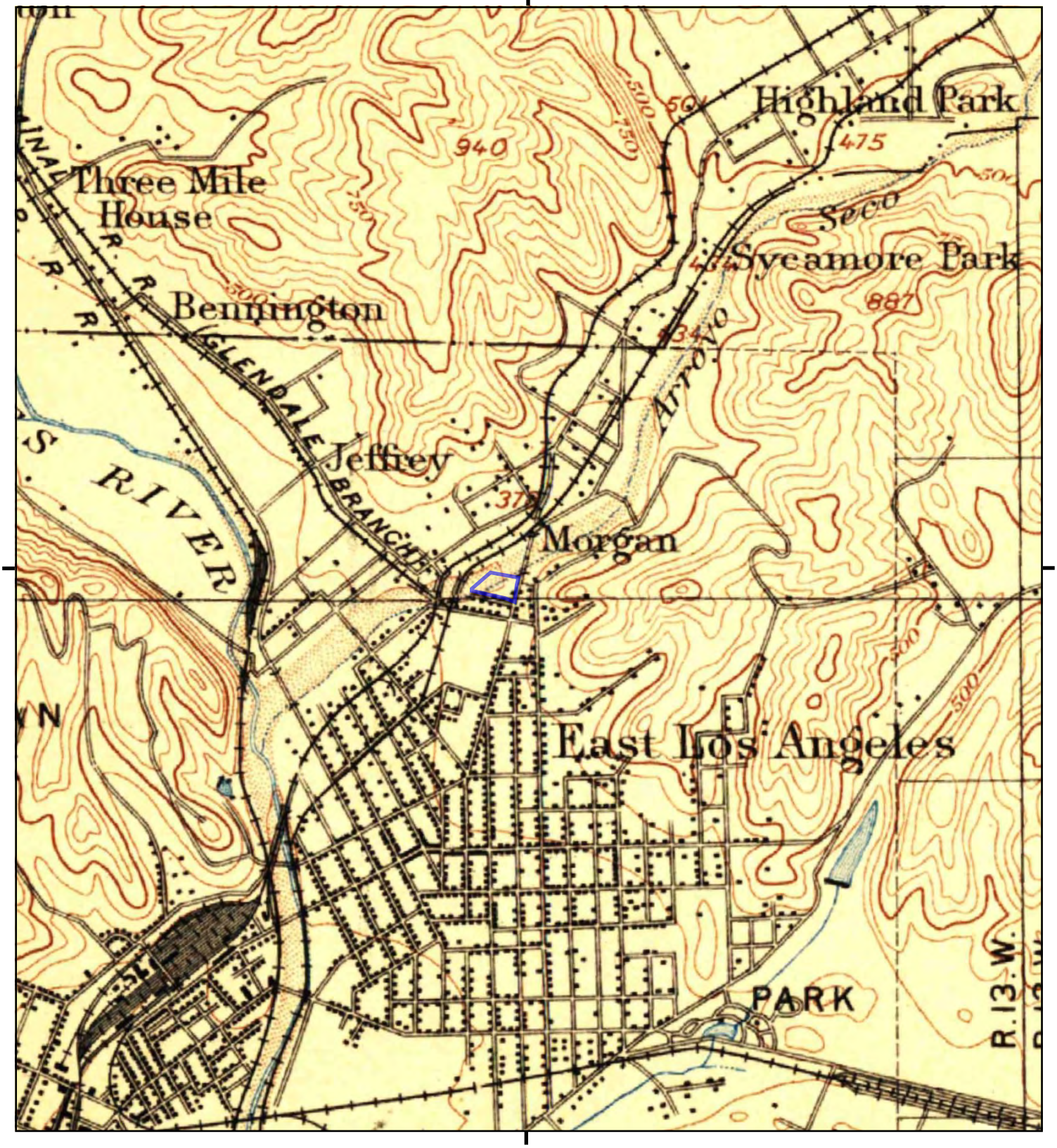
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Pasadena, 1896, 15-minute

SITE NAME: 135 141 153 West Avenue 34; 3401 3433
ADDRESS: 135 141 153 West Avenue 34; 3401 3433
Los Angeles, CA 90031
CLIENT: Fulcrum Resources Environmental

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Los Angeles, 1894, 15-minute

SITE NAME: 135 141 153 West Avenue 34; 3401 3433
ADDRESS: 135 141 153 West Avenue 34; 3401 3433
Los Angeles, CA 90031
CLIENT: Fulcrum Resources Environmental

N

Appendix C

Correspondence / Agency Records

ASTM E1527-13 USER QUESTIONNAIRE

When the "User" (the party for whom the assessment is being prepared) of the Phase I is required to help the environmental professional identify recognized environmental conditions at the property, a "User Questionnaire" is completed by the user to help gather information that may identify recognized environmental conditions at the property.

We ask that you answer the six questions below to the best of your knowledge. We understand that, in some circumstances, you may have little or no information. Still, we encourage you to complete and return the questionnaire as soon as possible. This will allow us to reflect the fact that the Questionnaire was completed when we issue our report as is required. Completion of the assessment to the new standard, when conducted in connection with the asset purchase of a real property, may entitle the user to certain federal liability protections that result from conducting "All Appropriate Inquiries" into the previous ownership and uses of a property.

On the second page of this form is a list of documentation. The E1527-13 Standard requires that the User will ensure that the consultant is made aware that any of these materials exist for a site, and if so, that these documents be provided for the consultant's review. Please indicate whether any of these documents are available, and ensure that Fulcrum Resources Environmental will either receive copies or be provided an opportunity to review the relevant materials.

We appreciate your assistance. If you have any questions, feel free to contact us.

1. Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state or local law?

   No

2. Are you aware of any Activity and Use Limitations (AULs), such as engineering controls, land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law?

   No

3. As the user of this ESA do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?

   No

4. Does the purchase price/loan amount for this property reasonably reflect the fair market value of the property? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?

   Yes, the purchase price reasonably reflects fair market value of the property.

5. Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example, as user, (a.) Do you know the past uses of the property? (b.) Do you know of specific chemicals that are present or once were present at the property? (c.) Do you know of spills or other chemical releases that have taken place at the property? (d.) Do you know of any environmental cleanups that have taken place at the property?

   Prior uses of buildings on the property include office, storage, metal stamping, moving and storage. More information on prior uses are contained in the 2015 Phase 1 report, provided.

6. As the user of this ESA, based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of contamination at the property?

   No

ASTM E1527-13 USER QUESTIONNAIRE

SUBJECT PROPERTY ADDRESS:135, 141 & 153 W. Ave 34 and 3401 & 3433 Pasadena Ave., Los Angeles, CA 90031

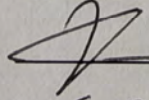
As part of this study, which of the following are you providing?

1. Previous environmental site assessment reports (●) Yes ( ) No
2. Environmental compliance audit reports ( ) Yes (●) No
3. Environmental permits (including but not limited to solid waste disposal permits, hazardous waste disposal permits, wastewater permits, NPDES permits, underground injection permits) ( ) Yes (●) No
4. Registrations for underground and aboveground storage tanks ( ) Yes (●) No
5. Registrations for underground injection systems ( ) Yes (●) No
6. Material safety data sheets ( ) Yes (●) No
7. Community Right-to-Know plan ( ) Yes (●) No
8. Safety plans; preparedness and prevention plans; spill prevention, countermeasure, and control plans; etc. ( ) Yes (●) No
9. Reports regarding hydrogeologic conditions on the property or surrounding area ( ) Yes (●) No
10. Notices or other correspondence from any government agency relating to past or current violations of environmental laws with respect to the property or relating to environmental liens encumbering the property ( ) Yes (●) No
11. Hazardous waste generator notices or reports ( ) Yes (●) No
12. Geotechnical studies (●) Yes ( ) No
13. Risk assessments ( ) Yes (●) No
14. Recorded Activity and Use Limitations (AULs). ( ) Yes (●) No

Please contact us if you have any questions regarding these ASTM requirements.

Please return the completed document to Fulcrum Resources Environmental via email to rose@frenviro.com and sabrina@frenviro.com

Completed by: Luke Palmisano

Signature: 

Title: COO

Company: R Cap Avenue 34, LLC

Relationship to site (i.e. lender, purchaser,owner): purchaser

Date: 6-26-19

Department of Toxic Substances Control

Matthew Rodriquez
Secretary for
Environmental Protection

Barbara A. Lee, Director
9211 Oakdale Avenue
Chatsworth, California 91311

Edmund G. Brown Jr.
Governor

July 20, 2016

Mr. Jeffrey Thuma
Burns & McDonnel
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437

FORMER WELCH'S UNIFORM FACILITY, 3505 NORTH PASADENA AVENUE,
LOS ANGELES, CALIFORNIA 90031

Dear Mr. Thuma:

The Department of Toxic Substances (DTSC) has reviewed "Request for NFA of the SVE System and Site Closure" (Report) dated April 20, 2016 for the Former Welch's Uniform Facility (Site). The Report requests Site closure for on-site soil and soil vapor because the clean up objectives were met for the identified chemicals of concern (COCs). DTSC also reviewed the Calculation of Site Specific Soil Gas Cleanup Goals dated February 26, 2015 and the Soil Vapor Extraction (SVE) Rebound Testing Workplan dated September 23, 2015. The SVE system operated from December 2013 to July 2016 during which time 254 pounds of volatile organic compounds (195 pounds of perchloroethylene) were removed.

The Site was evaluated for an industrial/commercial with land use covenant (LUC) in place scenario. The Site met an accepted cumulative cancer risk is less than or equal to $1x10^{-5}$ and non-cancer risk is less than or equal to 1. DTSC approves the Site soil closure upon submittal of your response to DTSCs toxicologist comments.

DTSC understands that the groundwater monitoring program will remain in place and has agreed to a decrease in frequency (annual) and scope (TBD). Additionally, DTSC will work with you to develop the Operations and Maintenance (O and M) Plan and the LUC.

Sincerely,

Juli Propes
Unit Chief
Brownfields and Environmental Restoration Program – Chatsworth Office

cc: See next page

® Printed on Recycled Paper

cc: Lori Parnass
Project Manager
Brownfields and Environmental Restoration Program
Department of Toxic Substances Control
9211 Oakdale Avenue
Chatsworth, California 91311

BURNS McDONNELL

First Semi-Annual 2016 Groundwater and Soil Vapor Monitoring Report

AmeriPride Services Inc.

Former Welch's Uniform Facility
3505 Pasadena Avenue, Los Angeles, California
DTSC CalStars Site Code 301314
Project No. 89698

08/17/2016

First Semi-Annual 2016 Groundwater and Soil Vapor Monitoring Report

prepared for

AmeriPride Services Inc.
Former Welch's Uniform Facility
3505 Pasadena Avenue, Los Angeles, California
DTSC CalStars Site Code 301314

Project No. 89698

08/17/2016

prepared by

Burns & McDonnell Engineering Company, Inc.
Minneapolis-St. Paul, Minnesota

COPYRIGHT © 2016 BURNS & McDONNELL ENGINEERING COMPANY, INC.

SIGNATURE PAGE

First Semi-Annual 2016 Groundwater and Soil Vapor Monitoring Report
Former Welch's Uniform Facility
3505 Pasadena Avenue, Los Angeles, California
DTSC CalStars Site Code 301314

Project No. 89698

SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

The following environmental professionals were responsible for this *First Semi-Annual 2016 Groundwater and Soil Vapor Monitoring Report* for the Former Welch's Uniform Facility located at 3505 Pasadena Avenue, Los Angeles, California.

Mitch Monroe, PG (CA)
Senior Geologist

08/15/2016
Date

Stephanie Ryno, PE (MN)
Environmental Engineer

8/17/16
Date

TABLE OF CONTENTS

Page No.

1.0 INTRODUCTION 3
1.1 PURPOSE 3
1.2 REPORT STRUCTURE 3

2.0 BACKGROUND 4
2.1 SITE DESCRIPTION 4
2.2 GEOLOGY AND HYDROGEOLOGY 5

3.0 SUMMARY OF FIELD ACTIVITIES 6
3.1 GROUNDWATER SAMPLING 6
3.2 SOIL VAPOR POINT SAMPLING 6
3.3 SOIL VAPOR EXTRACTION WELL SAMPLING 7
3.4 SVE SYSTEM OPERATIONS AND SAMPLING 7

4.0 MONITORING RESULTS 9
4.1 GROUNDWATER SAMPLING RESULTS 9
4.1.1 GROUNDWATER SAMPLING RESULTS IN AOC#1 9
4.1.2 GROUNDWATER SAMPLING RESULTS IN AOC#2 10
4.1.3 GROUNDWATER SAMPLING RESULTS IN AOC#3 10
4.1.4 GROUNDWATER SAMPLING RESULTS IN AOC#4 11
4.2 SOIL VAPOR POINT SAMPLING RESULTS 11
4.2.1 SOIL VAPOR POINT SAMPLING RESULTS IN AOC#1 13
4.2.2 SOIL VAPOR POINT SAMPLING RESULTS IN AOC#2 13
4.2.3 SOIL VAPOR POINT SAMPLING RESULTS IN AOC#3 14
4.2.4 SOIL VAPOR POINT SAMPLING RESULTS IN AOC#4 14
4.3 SOIL VAPOR EXTRACTION WELL SAMPLING RESULTS 15
4.4 SVE SYSTEM OPERATIONAL AND SAMPLING RESULTS 15

5.0 NATURAL ATTENUATION 16
5.1 GROUNDWATER 16

6.0 RECOMMENDATIONS AND CONCLUSIONS 17

TABLE OF CONTENTS (continued)

LIST OF FIGURES

Figure No.	Figure Title
Figure 1:	Site Location Map
Figure 2:	SVE System and Well Locations
Figure 3:	Groundwater Contour Map, First Semi-Annual 2016
Figure 4:	VOC's in Groundwater, First Semi-Annual 2016
Figure 5:	Remediation System Specifications: Process and Instrumentation Diagram
Figure 6:	VOCs in Soil Vapor Points, Six Months After SVE Shutdown
Figure 7:	SVE System: Combined Influent PCE Concentrations
Figure 8:	SVE System: Mass Removal Chart, Pounds Removed Per Day
Figure 9:	SVE System: Mass Removal Chart, Pounds Removed To-Date

LIST OF TABLES

Table No.	Title
Table 1A:	Monitoring Well Construction Details
Table 1B:	Soil Vapor Point Construction Details
Table 2:	Groundwater Elevations
Table 3:	Groundwater Monitoring Well Sampling Information
Table 4:	Groundwater Quality Parameters
Table 5:	Groundwater Analytical Results
Table 6:	Historical Natural Attenuation Parameters
Table 7:	Soil Vapor Analytical Results
Table 8:	SVE System: Operational Data
Table 9:	SVE System: Operations Log
Table 10:	SVE System: Combined Influent Analytical Results
Table 11:	SVE System: Between GAC Adsorbers Analytical Results
Table 12:	SVE System: Stack Effluent Analytical Results

LIST OF APPENDICES

APPENDIX A - Analytical Reports
APPENDIX B - Groundwater Field Logs
APPENDIX C - Non-Hazardous Water Transport Form
APPENDIX D - Groundwater Concentration Trend Graphs/Hydrographs
APPENDIX E - Soil Vapor Trend Graphs

* * * * *

1.0 INTRODUCTION

1.1 PURPOSE

Burns & McDonnell Engineering Company, Inc. (Burns & McDonnell), on behalf of AmeriPride Services Inc. (AmeriPride), has prepared this *First Semi-Annual 2016 Groundwater and Soil Vapor Monitoring Report* (Report). This Report summarizes the groundwater and soil vapor monitoring activities conducted in association with the Former Welch's Uniform Facility located at 3505 Pasadena Avenue, Los Angeles, California (Site). The Site is associated with the Department of Toxic Substances Control (DTSC) CalStars Site Code 301314.

The soil vapor extraction (SVE) system at the Site was installed as part of the implementation of the Removal Action Work Plan (RAW) approved in correspondence by the California DTSC on October 18, 2012. The RAW was prepared in accordance with a Voluntary Cleanup Agreement executed between the DTSC and AmeriPride on June 17, 2007 (Docket No. HSA-VCA 06/07-204). The SVE system, which extracted contaminant vapors from eleven SVE wells at the Site, was in operation from December 6, 2013, until July 17, 2015. The extracted vapors were treated and discharged to the atmosphere under South Coast Air Quality Management District (SCAQMD) Permit No. G27490 dated October 1, 2013.

1.2 REPORT STRUCTURE

This Report includes a discussion of 2016 semi-annual groundwater and soil vapor sampling activities. Specific components include:

- **Section 1.0 Introduction** provides an overview and description of the purpose and scope of the Report.
- **Section 2.0 Background** includes a brief Site description and a presentation of physical characteristics of the Site.
- **Section 3.0 Summary of Field Activities** includes a discussion of sampling activities and summarizes the SVE system operation history.
- **Section 4.0 Monitoring Results** presents analytical results from the semi-annual groundwater monitoring and vapor sampling.
- **Section 5.0 Natural Attenuation** includes a discussion of the analytical results and evaluation of natural attenuation.
- **Section 6.0 Recommendations and Conclusions** presents recommendations for future actions and a summary of key actions for the Site.

2.0 BACKGROUND

2.1 SITE DESCRIPTION

The Site is located at 3505 Pasadena Avenue, Los Angeles, California at latitude and longitude coordinates 34º5'9" North and 118º12'48" West, respectively (**Figure 1**).

The Site consists of an approximate 2.6-acre vacant parcel located in a mixed residential and industrial area of Los Angeles, California. The Site is bordered on the north by the Arroyo Seco Channel and the Pasadena Freeway (Interstate-110); on the west by a railroad right-of-way; on the east by Pasadena Avenue; and on the south by commercial properties. The Site is surrounded by a chain-link fence around the perimeter, with a retaining wall in the northeast corner of the Site boundary. Four pole-mounted electrical transformers are located in the center of the Site. Gas and water metering equipment are located near the east gate, and a 6,000 square foot area of asphalt pavement is located in the southeast portion of the Site. The SVE system and associated equipment are located within a 1,400 square foot fenced area in the northeast portion of the Site. The Site contains eleven SVE wells, fourteen operable groundwater monitoring wells, and eight soil vapor monitoring points (SVP) (each nested with sampling points at four discreet depths). Additionally, there are four operable groundwater monitoring wells located off-site. Site features, including the SVE system and well locations, are depicted on **Figure 2**.

There are four designated Areas-of-Concern (AOC) at the Site which relate to former site building locations and facility operations, described as follows:

- **AOC#1**: AOC#1 is a former motor vehicle fueling area, located in the east-central portion of the Site.
- **AOC#2**: AOC#2 is a former dry cleaning area and cleaning solvent storage area located on the northeast portion of the Site.
- **AOC#3**: AOC#3 is a former driveway area located on the northwest portion of the Site and west of AOC#2.
- **AOC#4**: AOC#4 is located in the southwest corner of the Site.

The AOCs at the Site are shown on **Figures 2, 3, 4, 6 and 7**. As discussed in the *Removal Action Work Plan* dated October 8, 2012, active remediation was necessary only in AOC#2.

2.2 GEOLOGY AND HYDROGEOLOGY

The elevation of the Site is approximately 366 feet above mean sea level. Topography of the site is relatively level with a slight slope to the west.

The Site is located at the west end of the Repetto Hills near the confluence of the Arroyo Seco Channel and the Los Angeles River. The sediments that underlie the Site have been identified at Quaternary alluvial stream channel deposits consisting of unconsolidated silts, sands, and gravels. Soils encountered in borings and excavations associated with the Site consist of gravels and fine to coarse-grained sand. Coarse gravel and cobbles have been encountered during excavation in the upper two feet of soils in the northeast portion of the Site. The sedimentary bedrock that underlies the Site is Puente Formation sandstone and is present at approximately 83 feet below ground surface (bgs).

Previous subsurface investigations at the Site indicate that the water table is present at approximately 35 feet bgs. The local groundwater gradient at the Site has consistently been to the southwest as depicted on **Figure 3**.

* * * * *

3.0 SUMMARY OF FIELD ACTIVITIES

3.1 GROUNDWATER SAMPLING

There are eighteen groundwater monitoring wells associated with the Site (**Table 1A**). The groundwater monitoring wells are generally completed at two horizons. The groundwater monitoring wells screened in the shallow horizon are completed at depths ranging from 45 to 70 feet bgs. The groundwater monitoring wells screened in the deep groundwater horizon are completed at depths ranging from 89 to 93 feet bgs.

The First Semi-Annual 2016 groundwater sampling activities were completed on March 15 and 16, 2016. Groundwater elevations (**Table 2**) were measured in 17 monitoring wells and groundwater samples (**Table 3**) were collected from 15 monitoring wells. The groundwater elevation was unable to be measured at MW-8A due to the well being covered by asphalt. The monitoring wells were purged using a 2-inch submersible Grundfos pump using dedicated tubing. Groundwater samples were collected after water quality parameters stabilized and a minimum of three well volumes were purged. Field parameters are summarized in **Table 4**. After purging, groundwater samples were collected with new disposable bailers and transferred to laboratory-supplied sampling vessels. All groundwater samples were analyzed for volatile organic compounds (VOCs) by United States Environmental Protection Agency (US EPA) Method 8260B by Eurofins Calscience, Inc. (Eurofins), a California State Certified laboratory. Groundwater analytical results are summarized in **Table 5** and historical Natural Attenuation parameters are summarized in **Table 6**. Analytical Reports and are provided in **Appendix A**. Groundwater field logs are provided in **Appendix B.**

Purge water from groundwater monitoring wells and decontamination fluids were temporarily stored in two polyethylene tanks located in the secured parking area of the Site; pending off-site disposal at Inviro-Tech Disposal located in Lincoln, California (**Appendix C**).

3.2 SOIL VAPOR POINT SAMPLING

There are eight SVP clusters at the Site, with screens set at depths of 5, 10, 20, and 30 feet bgs at each point (**Table 1B**). Five of the soil vapor monitoring points are associated with the SVE system's rebound testing: VP-1, VP-3, VP-4R, VP-5 and VP-6. These five SVP's were sampled on January 18 and 19, 2016, as part of the six month after SVE shutdown rebound testing at the Site. Refer to **Sections 3.4, 4.2, and 6.0** for additional information regarding the SVE rebound testing events. The SVP clusters were purged, sampled, and analyzed on-Site for VOCs by US EPA Method TO-15. Soil vapor analytical results are listed in **Table 7**. The SVPs were purged at least five volumes of the SVP tubing prior to sample collection. Analytical Reports are provided in **Appendix A**. Soil vapor results in the analytical

reports are documented in micrograms per Liter (µg/L) while this report discusses soil vapor results in micrograms per cubic meter (µg/m^3).

3.3 SOIL VAPOR EXTRACTION WELL SAMPLING

There are eleven SVE wells at the Site. Each SVE well contains a 10-foot screen set between approximately 20 and 30 feet bgs (**Table 1B**). The eleven SVE wells are connected to the SVE system via underground polyvinylchloride (PVC) piping, and SVE well sampling is conducted at the SVE system's manifold using ¼ -inch Teflon tubing, Swagelok fittings and vacuum canisters. Sampling of the SVE wells (SVE-1 through SVE-11) was not conducted during the First Semi-Annual 2016 sampling event due to the SVE system being shut down since July 2015 for rebound testing. Additional details regarding the shutdown and rebound testing are included in **Sections 3.4, 4.2, and 6.0**. Historical soil vapor analytical results are presented in **Table 7**.

3.4 SVE SYSTEM OPERATIONS AND SAMPLING

The SVE system was installed during November and December 2013 and began continuous operation on December 6, 2013. The SVE system extracts contaminant vapors from eleven SVE wells at the Site using a 20-horsepower positive displacement blower. The eleven wells are connected to the system via 3-inch PVC piping. The extracted vapors from each point are combined at the system's intake manifold prior to passing through a vapor liquid separator to recover condensate entrained in the vapor stream. SVE emissions are treated using two 3,000 pound vapor-phase granular activated carbon (GAC) adsorbers, operated in series, prior to discharge to the atmosphere via a 15-foot exhaust stack. The vapor extracted from the SVE system is treated and discharged to the atmosphere under SCAQMD Permit to Construct/Operate No. G27490, dated October 1, 2013. A process and instrumentation diagram of the SVE system is included as **Figure 5**.

Due to the significant decrease in SVE mass removal rates and soil gas concentrations at the Site, the SVE system was shut down to conduct rebound testing. The testing is being conducted to assess soil gas concentrations in the soil vapor monitoring points without the SVE system operating in order to monitor potential rebound and evaluate the SVE system for permanent shutdown. As outlined in the *Calculation of Site-Specific Soil Gas Cleanup Goals* letter, and per phone conversation with the DTSC on July 16, 2015, the SVE system was shut down for rebound testing on July 17, 2015. Additional details regarding the shutdown and rebound testing are discussed in **Sections 4.2 and 6.0**.

While the system was in operation, photoionization detector (PID) readings were taken from each of the eleven extraction points in order to provide an indication of the relative concentration of contaminants in the vapor being extracted from each point. The flow rates at the eleven extraction points were set to maximize air flow from the SVE wells with the highest concentrations in order to maximize mass removal. Historical operational data collected from the SVE system, including vacuum readings at the manifold and wellheads, PID readings, temperatures, and flow rates, is summarized in **Table 8**. **Table 9** summarizes the operational history of the SVE system.

Prior to the SVE system shut down on July 17, 2015 for rebound testing, soil vapor samples were collected from three locations within the SVE system in order to obtain emissions data to calculate contaminant mass removal and to maintain compliance with the SCAQMD Permit to Construct/Operate. While in operation, soil vapor samples were collected on a monthly basis from the SVE system's combined influent, between the GAC adsorbers, and at the SVE system's stack effluent (**Figure 5**). Historical analytical data from these three sample locations are shown on **Table 10, Table 11, and Table 12,** respectively.

*** * * * ***

4.0 MONITORING RESULTS

4.1 GROUNDWATER SAMPLING RESULTS

As described previously in **Section 2.2**, there are four designated AOCs at the Site (**Figure 2**) which relate to former site building locations and facility operations. The AOCs are defined as follows: AOC#1 – Former Motor Vehicle Fueling Area; AOC#2 – Former Dry Cleaning Area; AOC#3 – Former Driveway Area: and AOC#4 – Southwest Corner of Site. The sections below discuss detections in groundwater by AOC.

Groundwater elevations, water quality parameters, and analytical results are summarized in **Tables 2, 4, and 5**, respectively. March 2016 groundwater contours are depicted on **Figure 3**, and VOC concentrations from the March 2016 sampling event are shown on **Figure 4.** Groundwater concentration trend graphs/hydrographs are provided in **Appendix D**. A summary of the March 2016 groundwater elevations and groundwater analytical results is provided below:

Summary of Groundwater Elevations and Analytical Results

Groundwater depths ranged from:	36.27 ft. (MW-16C) to 42.91 ft. (MW-13B) below top of well casing
Groundwater elevations ranged from:	329.12 ft. (MW-3) to 314.34 ft. (MW-15) above mean sea level
Groundwater Direction and Gradient	Southwest, 0.01
Highest PCE concentration (observed in):	12 micrograms per liter (µg/L) (MW-16A)
Highest TCE concentration (observed in):	4.3 µg/L (MW-16A)
Highest cis-1,2-DCE concentration (observed in):	13 µg/L (MW-10A)
Highest trans-1,2-DCE concentration (observed in):	All samples below the laboratory detection limits

PCE = tetrachloroethene

TCE = trichloroethene

cis-1,2-DCE = cis-1,2-dichloroethene

trans-1,2-DCE = trans-1,2-dichloroethene

4.1.1 Groundwater Sampling Results in AOC#1

The one groundwater well located within AOC#1 (K-1) was sampled in March 2016. K-1 is screened in the shallow groundwater horizon. In March 2016, no VOCs were detected above the laboratory method detection limits (MDLs) at K-1 with the exception of PCE with a concentration of 1.1 µg/L. The PCE

concentration has generally decreased in monitoring well K-1; from 187 µg/L in 1998 to below the California EPA maximum contaminant level (MCL) of <5.0 µg/L since March 2013.

4.1.2 Groundwater Sampling Results in AOC#2

The one groundwater well located within AOC#2 (MW-3) was sampled in March 2016. MW-3 is screened in the shallow groundwater horizon. At MW-3, PCE was detected at 7.4 µg/L in March 2016. The PCE concentration at MW-3 has decreased from a historical high of 5,100 µg/L in 2005. TCE, which had a historical high concentration of 180 µg/L in 2001, has been below the MDL of <1.0 µg/L for the past five consecutive sampling events. The cis-1,2-DCE and trans-1,2-DCE concentrations at MW-3 have also been below the MDL of <1.0 µg/L for the past five consecutive sampling events.

4.1.3 Groundwater Sampling Results in AOC#3

The four groundwater wells located within AOC#3 (MW-11, MW-16A, MW-16B, and MW-16C) were sampled in March 2016. In addition, MW-12, located approximately 30 feet west of AOC#3, was sampled in March 2016. Wells MW-11, MW-16A, MW-16B and MW-12 are screened in the shallow groundwater horizon, while MW-16C is screened in the deeper groundwater horizon.

Overall VOC concentrations in the wells of AOC#3 are trending downward. At MW-11, the PCE concentration was 9.3 µg/L in March 2016. The maximum historical PCE concentration at MW-11 was 130 µg/L in 2001. TCE, cis-1,2-DCE, and trans-1,2-DCE concentrations have been below the MDL of <1.0 µg/L at MW-11 since March 2014.

At MW-16A, the PCE concentration was 12 µg/L during both the March 2015 and March 2016 sampling events. The TCE and cis-1,2-DCE concentrations at MW-16A in March 2016 decreased compared to the March 2015 concentrations. At MW-16B, PCE was detected with a concentration of 2.5 µg/L and TCE was detected with a concentrations of 1.5 µg/L, which were both below the California EPA MCLs of 5.0 µg/L. The cis-1,2-DCE concentration at MW-16B has been below the MDL of <1.0 µg/L for the past two sampling events. No VOCs were detected at MW-16C in March 2016. VOCs have been below the MDL of <1.0 µg/L since March 2013.

At MW-12, the PCE and TCE concentrations in March 2016 were 7.8 µg/L and 4.2 µg/L, respectively, which is an overall decrease compared to a historical high PCE concentration of 610 µg/L and a TCE concentration of 1,900 µg/L in 2005. The cis-1,2-DCE concentration at MW-12 in March 2016 was 2.0

µg/L, which is the lowest detection at that well to date. The trans-1,2-DCE concentration at MW-12 was below the MDL of <1.0 µg/L for the fourth consecutive sampling event.

4.1.4 Groundwater Sampling Results in AOC#4

AOC#4 is located in the southwest corner of the property and is down-gradient of the source area. The source area is the location of the former underground storage tanks in the vicinity of AOC#1, AOC#2 and AOC#3. Groundwater wells MW-10A and MW-10B are located to the east of AOC#4, and were sampled in March 2016. MW-10A is screened in the shallow groundwater horizon, and MW-10B is screened in the deeper groundwater horizon.

PCE has decreased in MW-10A from 306 µg/L in 1998 to 3.5 µg/L in the March 2016 sampling event. The PCE concentration at MW-10A has been below the California EPA MCLs of 5.0 µg/L for the past four consecutive sampling events. TCE has decreased in MW-10A from 463 µg/L in 1998 to 2.9 µg/L in March 2016. Cis-1,2-DCE has decreased in MW-10A from 1,680 µg/L in 1998 to 13 µg/L in March 2016. PCE has decreased in MW-10B from 70 µg/L in 1998 to below the MDL of <1.0 µg/L in March 2016. The PCE concentration has been below the MDL of <1.0 µg/L at MW-10B since November 2013. TCE has decreased from 47 µg/L in 1999 to below the MDL of <1.0 µg/L in March 2016, which is the lowest detection of TCE in MW-10B to date.

4.2 SOIL VAPOR POINT SAMPLING RESULTS

In March 2015, the *Calculation of Site-Specific Soil Gas Cleanup Goals* letter was submitted to the DTSC. In the letter, soil gas cleanup goals for the SVE system were proposed that would result in concentrations with no unacceptable risk from long term exposure. The site-specific cleanup goals were calculated in general accordance with the DTSC's *Final Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air,* dated October 2011, and the DTSC's March 2014 *Screening-Level Model for Soil Gas Contamination.* The site-specific soil gas cleanup goals for PCE, TCE, cis-1,2-DCE, and vinyl chloride were calculated for each of the monitoring depths of 5, 10, 20, and 30 feet bgs, and are presented as follows:

Summary of Acceptable Risk-Based Soil Gas Concentrations

	5 feet bgs	10 feet bgs	20 feet bgs	30 feet bgs
PCE	42,000 µg/m³	70,000 µg/m³	125,000 µg/m³	180,000 µg/m³
TCE	15,000 µg/m³	23,000 µg/m³	40,000 µg/m³	57,000 µg/m³

Cis-1,2-DCE	47,000 µg/m³	70,000 µg/m³	116,000 µg/m³	163,000 µg/m³
Vinyl Chloride	2,200 µg/m³	3,200 µg/m³	5,100 µg/m³	7,100 µg/m³

The soil gas cleanup goal concentrations were conservatively calculated using California-specific toxicity values, as well as conservative default model parameters for soil type, building dimensions, and exposure scenarios. Prior to operation of the SVE system, PCE was detected at concentrations ranging up to 3,000,000 µg/m^3 in VP-1-30 in 2011. However, since operation of the SVE began in December 2013, VOC concentrations have remained below the proposed risk-based soil gas concentrations presented above. The historical soil vapor analytical data for the Site compared to the proposed soil gas cleanup goals are presented in **Table 7**.

As outlined in the *Calculation of Site-Specific Soil Gas Cleanup Goals* letter, and per phone conversation with the DTSC on July 16, 2015, the SVE system was shut down for rebound testing on July 17, 2015. In September 2015, the *SVE System Rebound Testing Work Plan* letter was submitted to the DTSC in order to provide additional details regarding the soil vapor rebound testing at the Site. Shutting down the system for rebound testing is intended to assess soil gas concentrations in the soil vapor monitoring points without the SVE system operating in order to monitor potential rebound and evaluate the SVE system for permanent shutdown. The five soil vapor monitoring points associated with the SVE system's rebound testing are VP-1, VP-3, VP-4R, VP-5, and VP-6.

The first soil gas rebound test occurred in October 2015 (three months after the SVE system's shutdown) to coincide with the Site's Second Semi-Annual 2015 sampling event, and the second soil gas rebound test occurred on January 18 and 19, 2016, six months after the SVE system was shut down. All soil gas concentrations observed during the rebound testing period were below the soil gas cleanup goals, with little to no rebound in concentration. Therefore, since the proposed target cleanup goals were still being met six months after shutdown, the remaining cumulative cancer risk and hazard index risk for the chemicals of potential concern (COPCs) were evaluated and determined to be below the target cancer risk and noncancer hazard limits. For additional information regarding this evaluation and request for SVE decommissioning and Site closure, refer to the *Request for NFA of the SVE System and Site Closure*, dated April 20, 2016.

The sections below discuss detections in soil vapor by AOC (which are described in **Section 2.2**) for the six month after shutdown rebound testing event that occurred in January 2016 at VP-1, VP-3, VP-4R, VP-5, and VP-6. The analytical results for VOCs in soil vapor at 5 feet, 10 feet, 20 feet and 30 feet are

summarized in **Table 7** and **Figure 6**. Soil vapor concentration trend graphs are provided in **Appendix E**. A summary of the January 2016 soil vapor analytical results is provided below:

Summary of Soil Vapor Sampling Results

Highest PCE concentration (observed in):	47,000 µg/m^3 (VP-1-30)
Highest TCE concentration (observed in):	6,200 µg/m^3 (VP-3-30)
Highest cis-1,2-DCE concentration (observed in):	70,000 µg/m^3 (VP-3-30)
Highest trans-1,2-DCE concentration (observed in):	All samples below the laboratory detection limits

Note: The Vapor Point naming convention includes the depth in feet. Example: "VP-1-30 (Vapor Point One at Thirty Feet)"

4.2.1 Soil Vapor Point Sampling Results in AOC#1

There is one SVP well cluster (VP-6) located within AOC#1 with wells screened at 5, 10, 20, and 30 feet bgs. In January 2016, PCE was detected at all depths in VP-6 with concentrations ranging from 270 µg/m^3 in VP-6-5 to 2,200 µg/m^3 in VP-6-20. PCE concentrations decreased at the 5, 10, and 30 foot depths compared to the October 2015 sampling event when concentrations at VP-6 ranged from 510 µg/m^3 at VP-6-5 to 2,200 µg/m^3 at VP-6-30. Prior to the operation of the SVE system, the highest historical detection of PCE in VP-6 was 91,000 µg/m^3 in VP-6-30 in 2008. The highest historical detection of TCE at VP-6 was 9,200 µg/m^3 in VP-6-30 in 2008. In January 2016, TCE was detected at the 20 and 30 foot depths with concentrations of 150 µg/m^3 and 160 µg/m^3, respectively. The TCE concentration at VP-6-5 was below the MDL of <80 µg/m^3 for the fifth consecutive sampling event.

4.2.2 Soil Vapor Point Sampling Results in AOC#2

SVP well clusters VP-1, VP-3, VP-4R are located in AOC#2, with wells screened at 5, 10, 20, and 30 feet bgs at each point. Historically, the highest PCE soil vapor concentrations at the Site have been observed at VP-1. Prior to operation of the SVE system, the highest historical detection of PCE in VP-1 was 3,000,000 µg/m^3 in VP-1-30 in 2011. In January 2016, PCE was detected at all depths in VP-1 with concentrations ranging from 5,300 µg/m^3 in VP-1-5 to 47,000 µg/m^3 in VP-1-30. Although PCE concentrations increased slightly at the 5, 10, and 30 foot depths in January 2016 compared to the October 2015 sampling event, the concentrations at VP-1 were still well below the soil gas cleanup goals. In January 2016, TCE was detected at all depths in VP-1 with concentrations ranging from 80 µg/m^3 in VP-1-5 to 410 µg/m^3 in VP-1-30. The highest historical detection of TCE in VP-1 was 110,000 µg/m^3 in VP-1-30 in 2008.

In January 2016, PCE was detected at all depths in VP-3 with concentrations ranging from 280 µg/m^3 at VP-3-5 to 16,000 µg/m^3 at VP-3-30. Although PCE concentrations increased slightly at each depth in January 2016 compared to the October 2015 sampling event, the concentrations at VP-3 were still well below the soil gas cleanup goals. Prior to the operation of the SVE system, the highest historical detection of PCE in VP-3 was 170,000 µg/m^3 in VP-3-20 in 2011. In January 2016, TCE was detected at the 10, 20, and 30 foot depths with concentrations of 160 µg/m^3, 1,800 µg/m^3, and 6,200 µg/m^3, respectively. The highest historical detection of TCE in VP-3 was 60,000 µg/m^3 in VP-3-30 in 2011. Cis-1,2-DCE was detected at VP-3-20 with a concentration of 670 µg/m^3, and also at VP-3-30 with a concentration of 70,000 µg/m^3, which was the highest cis-1,2-DCE concentration detected during the January 2016 sampling event (although still well below the soil gas cleanup goal).

When VP-4R was installed in October 2013, PCE concentrations ranged from 41,000 µg/m^3 in VP-4R-5 to 280,000 µg/m^3 in VP-4R-30, and TCE concentrations ranged from 1,400 µg/m^3 in VP-4R-5 to 38,000 µg/m^3 in VP-4R-30. In January 2016, PCE concentrations ranged from 490 µg/m^3 in VP-4R-5 to 7,100 µg/m^3 in VP-4R-30. TCE concentrations were observed at VP-4R-20 and VP-4R-30 in January 2016 with concentrations of 190 µg/m^3 and 170 µg/m^3, respectively.

4.2.3 Soil Vapor Point Sampling Results in AOC#3

SVP well clusters VP-2 and VP-5 are located in AOC#3 with wells intervals at 5, 10, 20, and 30 feet bgs. VP-5 was sampled in January 2016 as part of the soil gas rebound testing event. PCE was detected at all depths in VP-5 with concentrations ranging from 320 µg/m^3 in VP-5-5 to 1,500 µg/m^3 in VP-5-30. PCE concentrations decreased at the 5 and 20 foot depths compared to the October 2015 sampling event when concentrations ranged from 400 µg/m^3 in VP-5-5 to 1,300 µg/m^3 in VP-5-20. Prior to the operation of the SVE system, the highest historical detection of PCE at VP-5 was 36,000 µg/m^3 in VP-5-20 in 2011. In January 2016, TCE was detected at the 20 and 30 foot depths with concentrations of 250 µg/m^3 and 290 µg/m^3, respectively. Prior to operation of the SVE system, the highest historical detection of TCE in VP-5 was 35,000 µg/m^3 in VP-5-20 in 2011.

4.2.4 Soil Vapor Point Sampling Results in AOC#4

SVP well cluster VP-7, the only SVP within AOC#4, has wells screened at 5, 10, 20, and 30 feet bgs. VP-7 was not sampled in January 2016 as part of the soil gas rebound testing event. In October 2015, PCE concentrations at VP-7 ranged from 2,600 µg/m^3 in VP-7-10 to 3,400 µg/m^3 in VP-7-30.

4.3 SOIL VAPOR EXTRACTION WELL SAMPLING RESULTS

SVE-1 through SVE-11 were installed in October 2013 as part of the SVE system installation. Each extraction well contains 10-foot screens set between approximately 20 and 30 feet bgs. SVE-1 through SVE-7 are located within the general area of AOC#2, SVE-8 and SVE-10 are located within the general area of AOC#1, and SVE-9 and SVE-11 are located within the general area of AOC#3. As discussed previously in **Section 3.3**, the eleven SVE wells were not sampled due to the SVE system being shut down since July 2015 for rebound testing. Historical analytical results for VOCs in soil vapor are summarized in **Table 7**.

4.4 SVE SYSTEM OPERATIONAL AND SAMPLING RESULTS

Since startup of the SVE system in December 2013, concentrations observed at several of the SVE wells have decreased significantly. While the SVE system was operating, the flow rates at the extraction points were set to maximize air flow from the SVE points with the highest concentrations in order to maximize mass removal. Prior to shut down for rebound testing on July 17, 2015, the SVE system had been operating by monthly cycling of the SVE points between two separate sets of SVE points since November 2014 in order to further optimize the system's operations and mass removal. Historical operational data from the SVE system is summarized in **Table 8**. **Table 9** summarizes the operational history of the SVE system from startup through the system's shutdown in July 2015.

Prior to shutting down the system for rebound testing, soil vapor samples were collected from the SVE system's combined influent, between the GAC adsorbers, and the SVE systems' stack effluent. Historical analytical data from the SVE system's combined influent, between the two GAC treatment vessels, and the SVE system's stack effluent are summarized in **Tables 10, 11, and 12**, respectively.

The mass of VOCs removed from the subsurface were calculated using the combined influent concentrations, average flow rate, and hours of operation. When the SVE system was initially started for equipment testing procedures in December 2013, the PCE mass removal was approximately 9 to 13 pounds of PCE per day. Prior to shutting down the system for rebound testing, the PCE mass removal rate ranged from approximately 0.16 to 0.23 pounds of PCE per day (**Table 10** and **Figure 8**). Through July 17, 2015, the SVE system removed approximately 195 pounds of PCE and approximately 254 pounds of total VOCs from the subsurface (**Table 10** and **Figure 9**).

*** * * * ***

5.0 NATURAL ATTENUATION

5.1 GROUNDWATER

The water quality parameters, including oxygen reduction potential (ORP) and dissolved oxygen (DO), are summarized in **Table 4**. The historical natural attenuation parameters nitrate, sulfate, ferrous iron and methane are presented in **Table 6**.

The groundwater concentration trend graphs presented in **Appendix D** show a decreasing trend of PCE, TCE, and cis-1,2-DCE concentrations over time in all the monitoring wells with detectable VOC concentrations. This indicates the residual VOC plume in attenuating over time. Biodegradation of PCE can occur under anaerobic conditions via reductive dechlorination sequentially to TCE, cis-1,2-DCE, trans-1,2-DCE, vinyl chloride and finally ethene. Water quality parameters, the concentrations of daughter products, and the ratio of the sum of daughter product concentrations to the concentrations of PCE were used to evaluate biodegradation in the groundwater plume. The DO concentrations measured at onsite wells near the source area, located in the northeast portion of the Site, were generally above 1 mg/L and might indicate that conditions are aerobic and not conducive to reductive dechlorination. However, indications of reductive dechlorination of the PCE plume have been observed down gradient of the source area including low DO concentrations, low or negative ORP readings and elevated daughter product to parent ratios. Historically, MW-9A has exhibited the strongest indications of reductive dechlorination with a DO concentration of 0.77 mg/L and a daughter product to parent ratio of 7.63 when last sampled in March 2016. At MW-9A, the ORP measurement was 33 millivolts (mV) in March 2016, but the historical ORP measurements have been negative. In addition, elevated daughter product to parent ratios have been observed at wells MW-7, MW-10A, MW-12, and MW-16A.

* * * * *

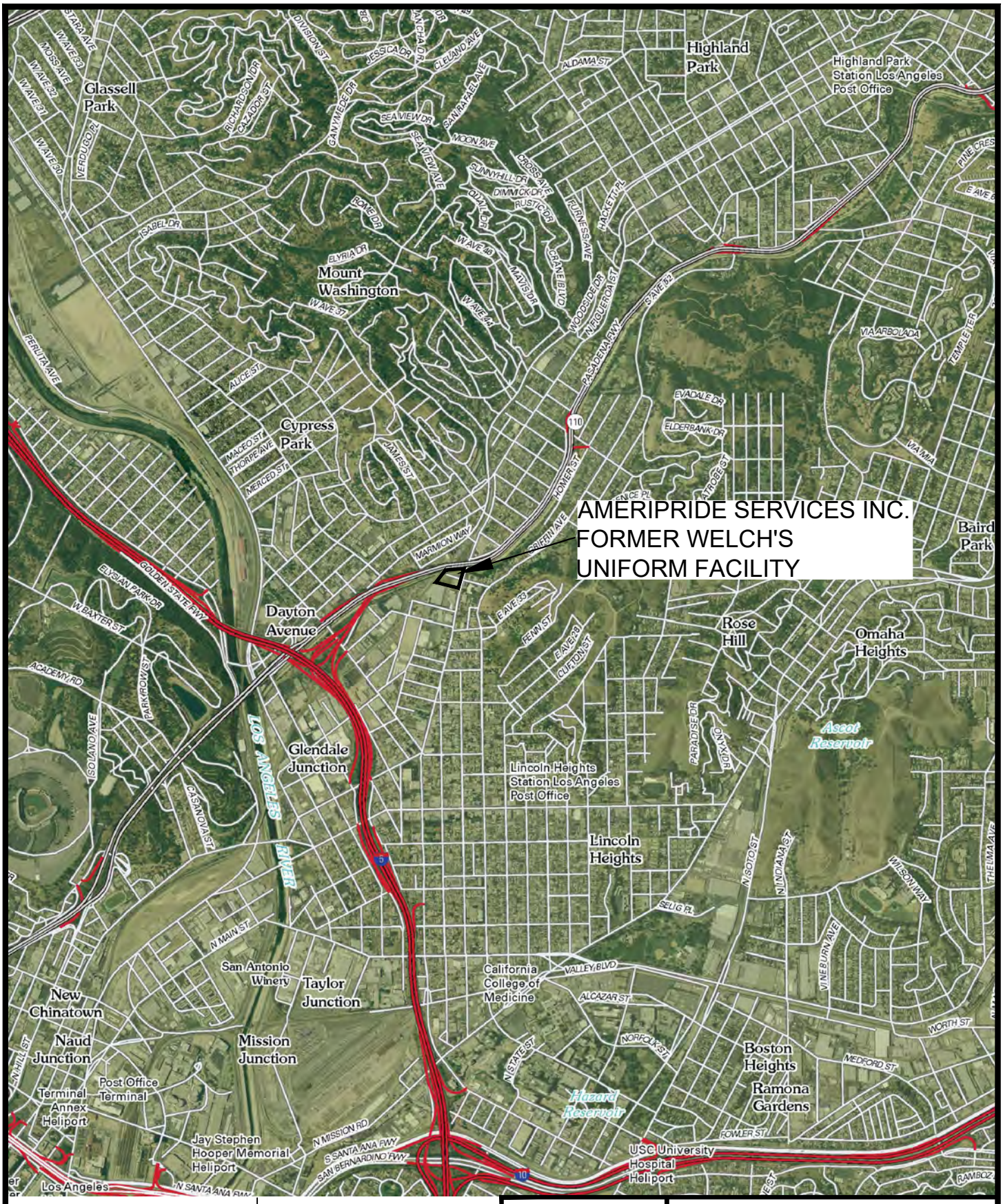
6.0 RECOMMENDATIONS AND CONCLUSIONS

Based on the performance of the soil vapor extraction system and the sampling results to date, the following is recommended or has occurred at the Site:

- As presented in the *Request for NFA of the SVE system and Site Closure* letter dated April 20, 2016, the cumulative COPC cancer risk for all depths was below the target cancer risk of less than or equal to 1 x 10^{-5}, and the cumulative COPC noncancer hazard (hazard index) for all sampling depths is below the target noncancer hazard (hazard index) of less than or equal to 1.0. Therefore, since the remedial action has been met, permanent shutdown and no further action (NFA) of the SVE system was requested, in addition to well decommissioning and Site closure. On June 21, 2016, Burns & McDonnell met with DTSC personnel regarding the NFA and Site Closure request. During the meeting, it was agreed upon that the remedial objective presented in the RAW had been met for commercial/industrial land use and that no further active remediation was needed. It was also agreed that the SVE system could be decommissioned as long as a land use covenant (LUC) is prepared, limiting Site land use to commercial/industrial. The DTSC indicated that they will prepare a letter stating that the SVE system can be decommissioned, provide Burns & McDonnell an example LUC letter, and provide suggestions for future groundwater monitoring at the Site that could be incorporated into a future agreement.
- As discussed above, the DTSC indicated that they are currently preparing a letter stating NFA for the SVE system and that the SVE system can be decommissioned. It is anticipated that the SVE system will be decommissioned and removed from the Site and the soil vapor points abandoned by the end of 2016.
- As stated in previous monitoring reports, it was recommended to abandon and seal MW-2, MW-8A, and MW-9B based on VOC concentrations below the California EPA MCLs for several years. The wells have been removed from the annual monitoring plan, and upon DTSC approval, we will schedule the abandonment. Additional monitoring wells to be abandoned will be discussed depending on the DTSC suggestions regarding the future groundwater monitoring schedule at the Site, and will likely be abandoned during the SVE decommissioning event by the end of 2016. The Second Semi-Annual 2016 groundwater monitoring event is tentatively scheduled for September 2016; however, groundwater monitoring may be changed to an annual basis only, and therefore would not occur until March 2017. The sampling schedule will depend upon the DTSC suggestions regarding the continued groundwater monitoring at the Site.

* * * * *

FIGURES



N

0 2500' 5000'

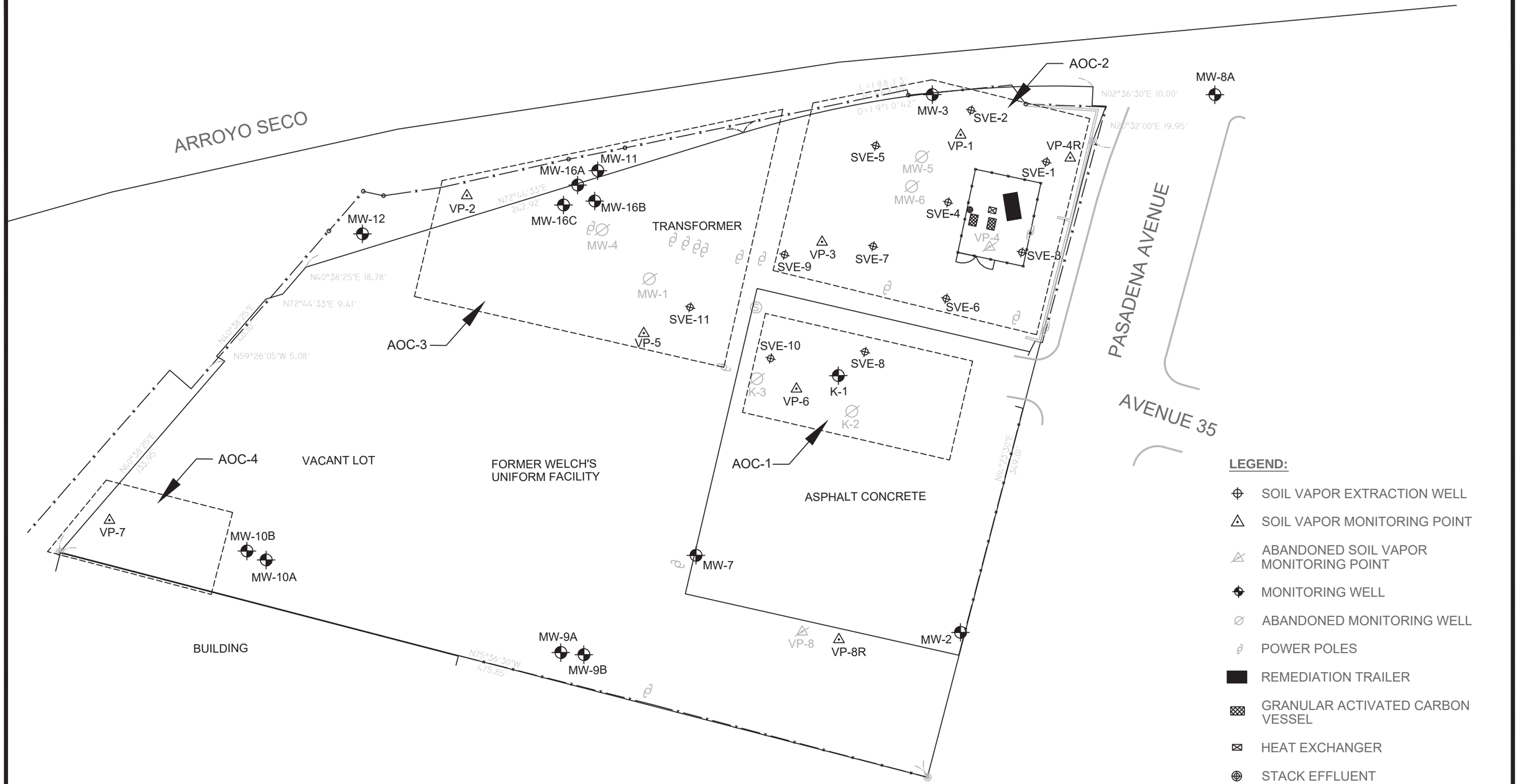
SCALE IN FEET

BURNS McDONNELL

Figure 1
SITE LOCATION MAP
AMERIPRIDE SERVICES INC.
3505 PASADENA AVENUE
LOS ANGELES, CALIFORNIA

COPYRIGHT © 2015 BURNS & McDONNELL ENGINEERING COMPANY, INC.

\\MMN-FPS-001\Data\Projects\AmeriPride\82586 Los Angeles\Cad\MSP CAD Files\65805\2015\07 JUL



COPYRIGHT © 2015 BURNS & McDONNELL ENGINEERING COMPANY, INC.

BURNS McDONNELL

date AUG. 06, 2015

designed S. RYNO

FIGURE 2

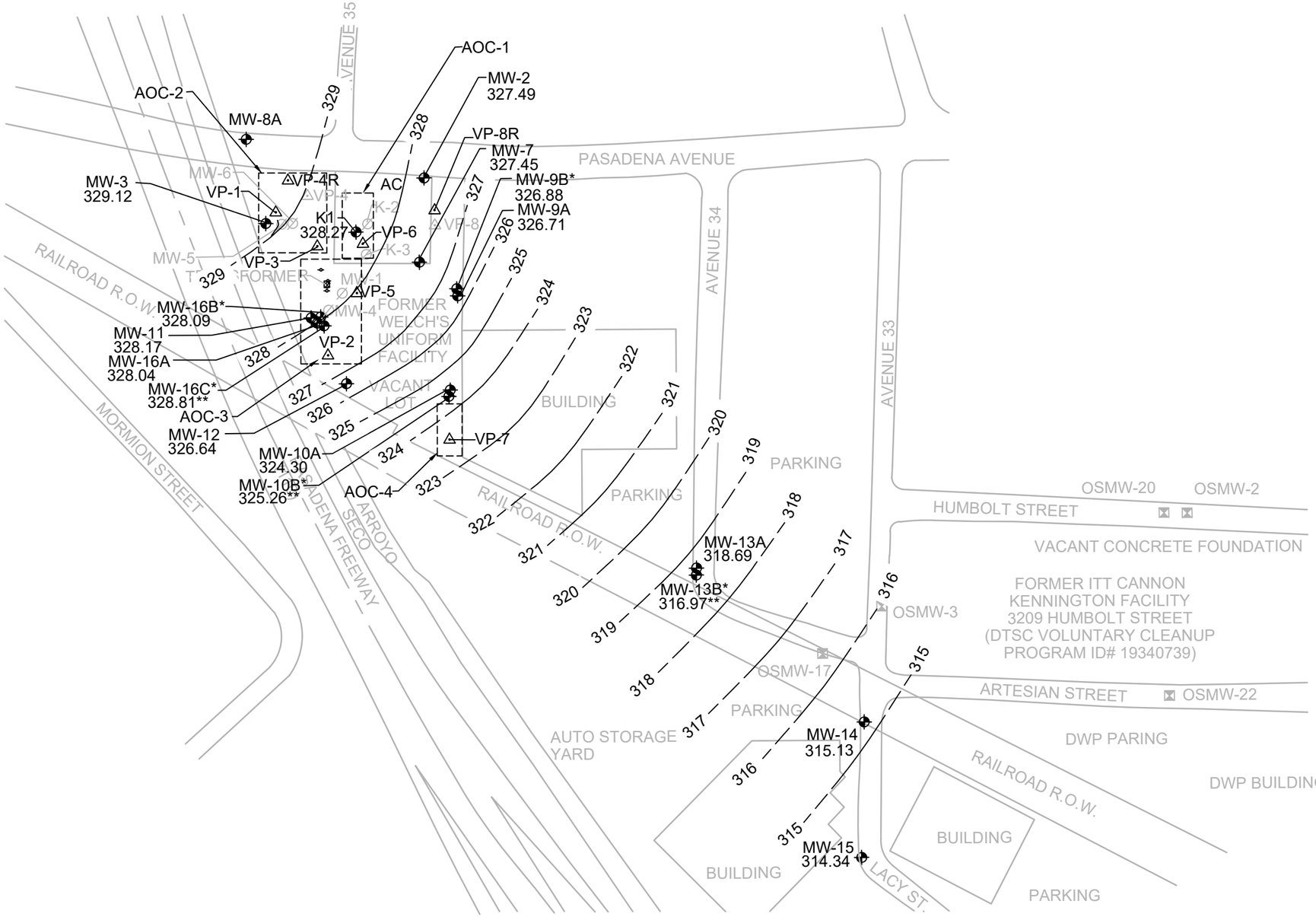
SVE SYSTEM AND WELL LOCATIONS
AMERIPRIDE SERVICES INC.
3505 PASADENA AVENUE
LOS ANGELES, CALIFORNIA

project 89698

contract AMERIPRIDE

SVE FIG 2

\\MMN-FPS-001\Data\Projects\AmeriPride\82586 Los Angeles\Cad\MSP CAD Files\65805\2015\07 JUL



LEGEND:

⌖	MONITORING WELL
MW-10A 323.91	GROUNDWATER ELEVATION (FEET ABOVE MEAN SEA LEVEL)
∅	ABANDONED/DESTROYED MONITORING WELL
⊠	OFFSITE MONITORING WELL (APPROXIMATE LOCATION) (NOT OWNED BY AMERIPRIDE)
△	SOIL VAPOR POINTS
AC	ASPHALT CONCRETE SURFACE
-o-	SURVEYED POWER POLES
AOC-1	FORMER MOTOR VEHICLE FUELING AREA
AOC-2	FORMER DRY CLEANING AREA
AOC-3	FORMER DRIVEWAY AREA
AOC-4	SOUTHWEST CORNER OF SITE
—317—	GROUNDWATER CONTOUR ELEVATION ABOVE MEAN SEA LEVEL (DASHED WHERE INFERRED)
*	DEEPER SCREENED WELL
**	NOT USED FOR CONTOURING

N□□E:

GROUNDWATER ELEVATION DATA COLLECTED ON MARCH 15, 2016.

N

0 200' 400'

SCALE IN FEET

COPYRIGHT © 2016 BURNS & McDONNELL ENGINEERING COMPANY, INC.

BURNS McDONNELL

date JUNE 3, 2016

designed E. BRENEGAN

FIGURE □

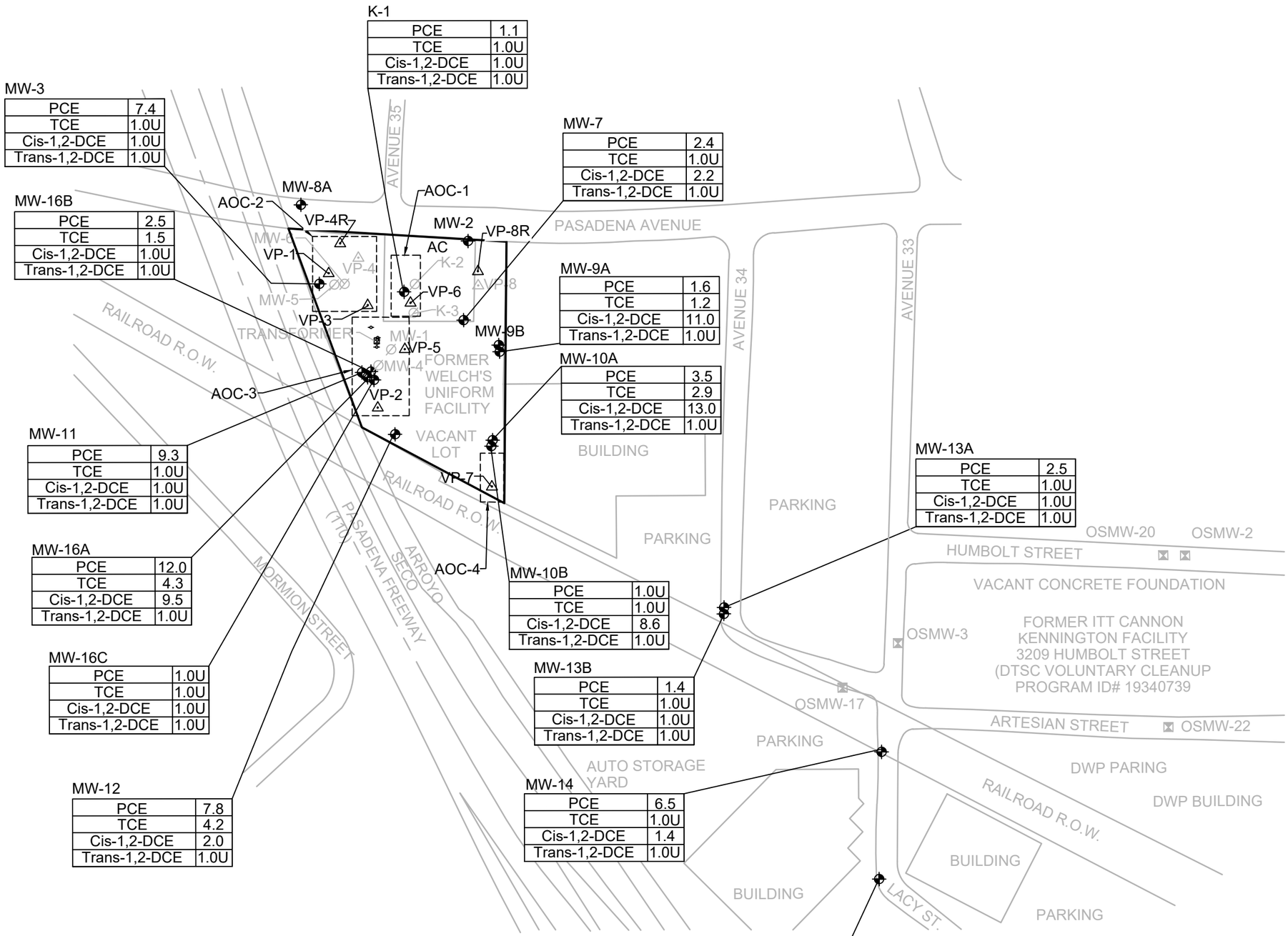
GROUNDWATER CONTOUR MAP
FIRST SEMI-ANNUAL 2016
AMERIPRIDE SERVICES INC.
3505 PASADENA AVENUE
LOS ANGELES, CALIFORNIA

project 89698

contract AMERIPRIDE

S□ □ FIG 0□

\\MMN-FPS-001\Data\Projects\AmeriPride\82586 Los Angeles\Cad\MSP CAD Files\65805\2016\06 JUNE\FIG 03



LEGEND:

⌖	MONITORING WELL
∅	ABANDONED/DESTROYED MONITORING WELL
⊠	OFFSITE MONITORING WELL (APPROXIMATE LOCATION) (NOT OWNED BY AMERIPRIDE)
△	SOIL VAPOR POINTS
AC	ASPHALT CONCRETE SURFACE
⊸	SURVEYED POWER POLES
AOC-1	FORMER MOTOR VEHICLE FUELING AREA
AOC-2	FORMER DRY CLEANING AREA
AOC-3	DRIVEWAY AREA
AOC-4	SOUTHWEST CORNER OF SITE
U	CONSTITUENT NOT DETECTED AT VALUE SHOWN 100U
µg/L	ALL CONCENTRATIONS IN MICROGRAMS PER LITER (µg/L)
——	SITE BOUNDARY

N□□E:

1. GROUNDWATER SAMPLES COLLECTED MARCH 15 AND 16, 2016.

N

0 200' 400'

SCALE IN FEET

COPYRIGHT © 2016 BURNS & McDONNELL ENGINEERING COMPANY, INC.

BURNS McDONNELL

date JUNE 3, 2016

designed W. HIRST

FIGURE □

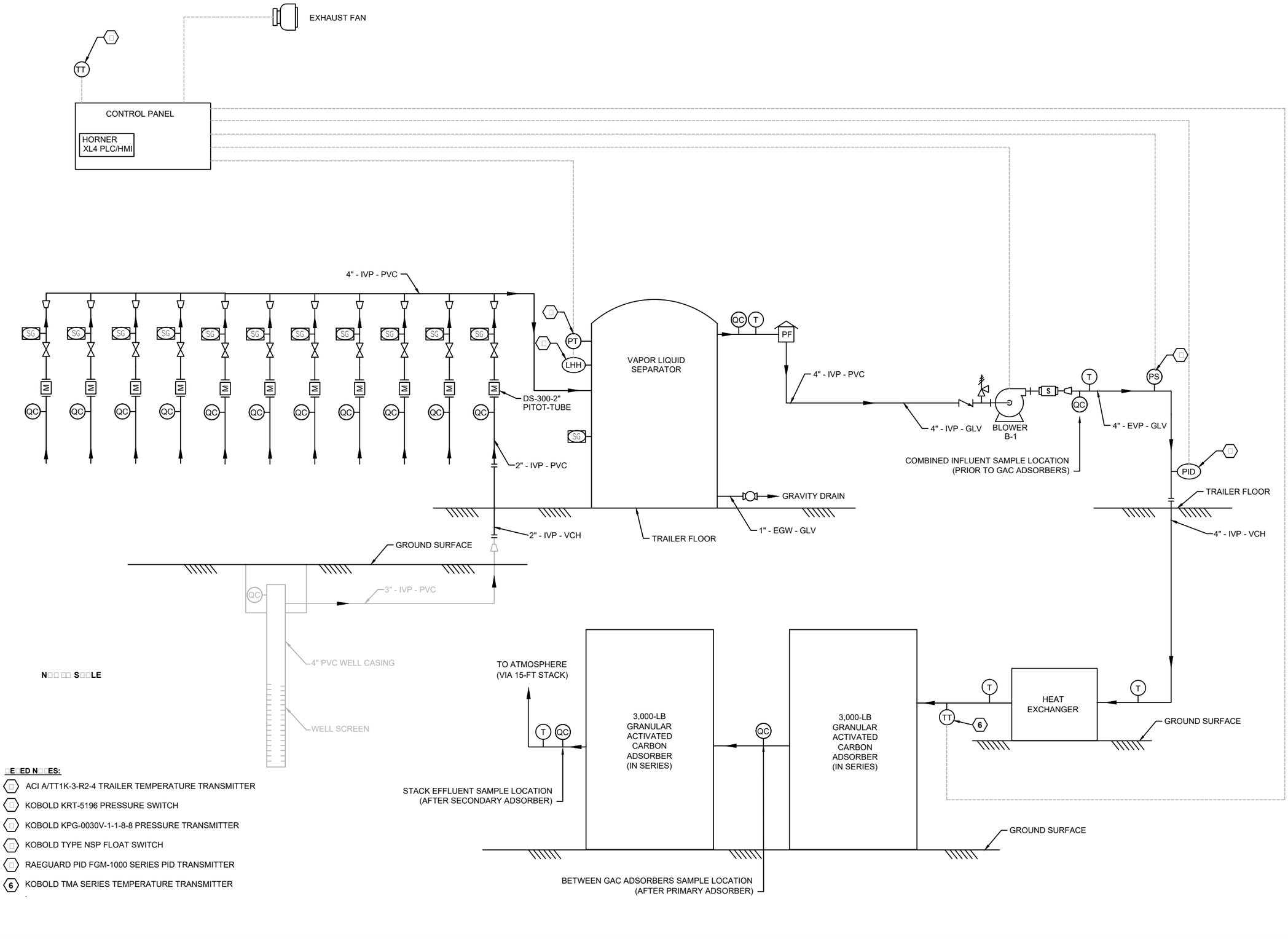
VOC'S IN GROUNDWATER
FIRST SEMI-ANNUAL 2016
AMERIPRIDE SERVICES INC.
3505 PASADENA AVENUE
LOS ANGELES, CALIFORNIA

project 89698

contract AMERIPRIDE

S□ □ FIG 0□

\\MMN-FPS-001\Data\Projects\AmeriPride\82586 Los Angeles\Cad\MSP CAD Files\65805\2016\06 JUNE\FIG 04



□E□ED N□□ES:

- □ ACI A/TT1K-3-R2-4 TRAILER TEMPERATURE TRANSMITTER
- □ KOBOLD KRT-5196 PRESSURE SWITCH
- □ KOBOLD KPG-0030V-1-1-8-8 PRESSURE TRANSMITTER
- □ KOBOLD TYPE NSP FLOAT SWITCH
- □ RAEGUARD PID FGM-1000 SERIES PID TRANSMITTER
- 6 KOBOLD TMA SERIES TEMPERATURE TRANSMITTER

COPYRIGHT © 2009 BURNS & McDONNELL ENGINEERING COMPANY, INC.

BURNS McDONNELL

date	detailed
08/06/15	E. DULLE
designed	checked
J. HESEMANN	J. HESEMANN

AMERIPRIDE SERVICES INC.
3505 N. PASADENA AVENUE
LOS ANGELES, CALIFORNIA

REMEDI□□□N S□S□EM S□E□IFI□□□□NS

PROCESS AND INSTRUMENTATION DIAGRAM

project	contract
82586	

drawing rev.

FIGURE □

sheet 1 of 1 sheets

file DPVE_SpecsPkg.DWG

VP-5				
FEET BGS	5	10	20	30
PCE	320	590	1,200	1,500
TCE	80U	80U	250	290
cis-1,2-DCE	400U	400U	400U	400U
trans-1,2-DCE	400U	400U	400U	400U

VP-2*				
FEET BGS	5	10	20	30
PCE	360	350	410	510
TCE	80U	80U	80U	80
cis-1,2-DCE	400U	400U	400U	400U
trans-1,2-DCE	400U	400U	400U	400U

VP-1				
FEET BGS	5	10	20	30
PCE	5,300	16,000	33,000	47,000
TCE	80	200	390	410
cis-1,2-DCE	400U	400U	400U	400U
trans-1,2-DCE	400U	400U	400U	400U

VP-4R				
FEET BGS	5	10	20	30
PCE	490	2,000	5,300	7,100
TCE	80U	80U	190	170
cis-1,2-DCE	400U	400U	400U	400U
trans-1,2-DCE	400U	400U	400U	400U

VP-3				
FEET BGS	5	10	20	30
PCE	280	800	8,100	16,000
TCE	80U	160	1,800	6,200
cis-1,2-DCE	400U	400U	670	70,000
trans-1,2-DCE	400U	400U	400U	400U

VP-6				
FEET BGS	5	10	20	30
PCE	270	690	2,200	2,100
TCE	80U	80U	150	160
cis-1,2-DCE	400U	400U	400U	400U
trans-1,2-DCE	400U	400U	400U	400U

VP-7*				
FEET BGS	5	10	20	30
PCE	3,300	2,600	3,100	3,400
TCE	210	120	80U	80U
cis-1,2-DCE	400U	400U	400U	400U
trans-1,2-DCE	400U	400U	400U	400U

VP-8R*				
FEET BGS	5	10	20	30
PCE	80U	80U	250	220
TCE	80U	80U	80U	80U
cis-1,2-DCE	400U	400U	400U	400U
trans-1,2-DCE	400U	400U	400U	400U

AOC-3
AOC-2
AOC-4
AOC-1
MW-8A
MW-3
SVE-2
VP-1
VP-4R
SVE-5
MW-5
SVE-1
MW-6
SVE-4
VP-4
SVE-3
VP-3
SVE-7
SVE-6
MW-11
MW-16A
MW-16B
MW-16C
VP-2
N72°44'33"E 242.92'
MW-4
TRANSFORMER
SVE-9
MW-12
N40°38'25"E 18.78'
N72°44'33"E 9.41'
N40°38'25"E 40.10'
N59°26'05"W 5.08'
MW-1
SVE-11
VP-5
SVE-10
SVE-8
K-3
K-1
VP-6
K-2
N14°23'30"E 349.01'
VACANT LOT
FORMER WELCH'S UNIFORM FACILITY
ASPHALT CONCRETE
N40°38'25"E 133.95'
VP-7
MW-10B
MW-10A
BUILDING
MW-7
MW-9A
MW-9B
N75°36'30"W 475.85'
VP-8
VP-8R
MW-2
N02°36'30"E 10.00'
N20°32'00"E 19.95'
L=188.13'
R=562.05'
D=19°10'42"

NOTES:
SOIL VAPOR SAMPLES COLLECTED ON JANUARY 18 AND 19, 2016

*SOIL VAPOR SAMPLES COLLECTED ON OCTOBER 19 AND 20, 2015

ALL CONCENTRATIONS IN MICROGRAMS PER METER CUBED (µg/m³)

U - CONSTITUENT NOT DETECTED AT VALUE SHOWN

PCE - TETRACHLOROETHENE

TCE - TRICHLOROETHENE

DCE - DICHLOROETHENE

N

0 50' 100'
SCALE IN FEET

LEGEND:

- SOIL VAPOR EXTRACTION WELL
- SOIL VAPOR MONITORING POINT
- ABANDONED SOIL VAPOR MONITORING POINT
- MONITORING WELL
- ABANDONED MONITORING WELL
- POWER POLES
- REMEDIATION TRAILER
- GRANULAR ACTIVATED CARBON VESSEL
- HEAT EXCHANGER
- STACK EFFLUENT

BURNS McDONNELL

date FEB. 16, 2016
designed W. HIRST

FIGURE 6
VOCs IN SOIL VAPOR POINTS
SIX MONTHS AFTER SVE SHUTDOWN
AMERIPRIDE SERVICES INC.
3505 PASADENA AVENUE
LOS ANGELES, CALIFORNIA

project 89698
contract AMERIPRIDE
SVE FIG 06

COPYRIGHT © 2015 BURNS & McDONNELL ENGINEERING COMPANY, INC.

\\MMN-FPS-001\Data\Projects\AmeriPride\82586 Los Angeles\Cad\MSP CAD Files\65805\2016

FIGURE 7
SVE SYSTEM: COMBINED INFLUENT PCE CONCENTRATIONS
AmeriPride Services Inc.
3505 N. Pasadena Ave., Los Angeles, CA
Burns & McDonnell Project No. 89698

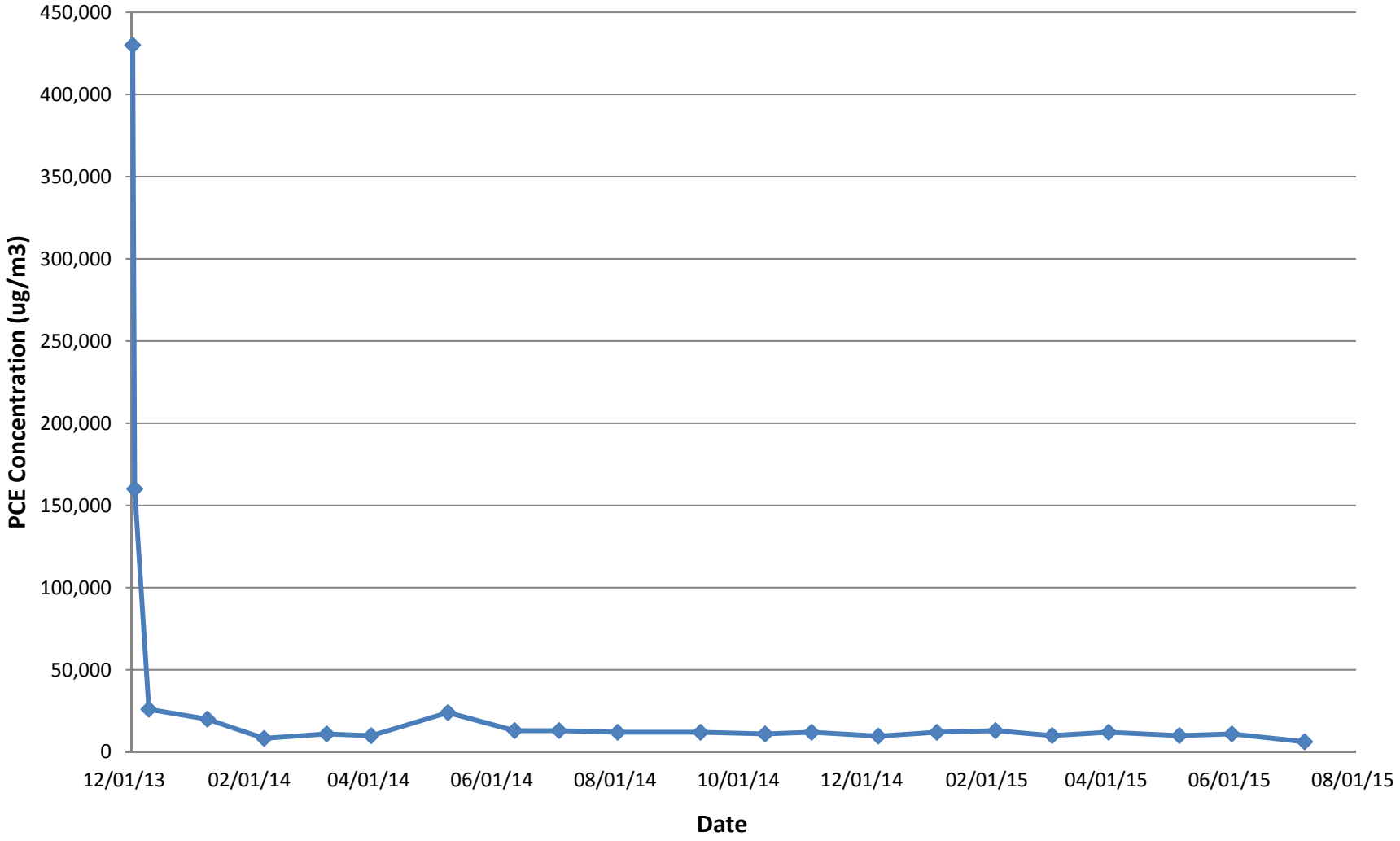


FIGURE 8
SVE SYSTEM: MASS REMOVAL CHART
POUNDS REMOVED PER DAY
AmeriPride Services Inc.
3505 N. Pasadena Ave., Los Angeles, CA

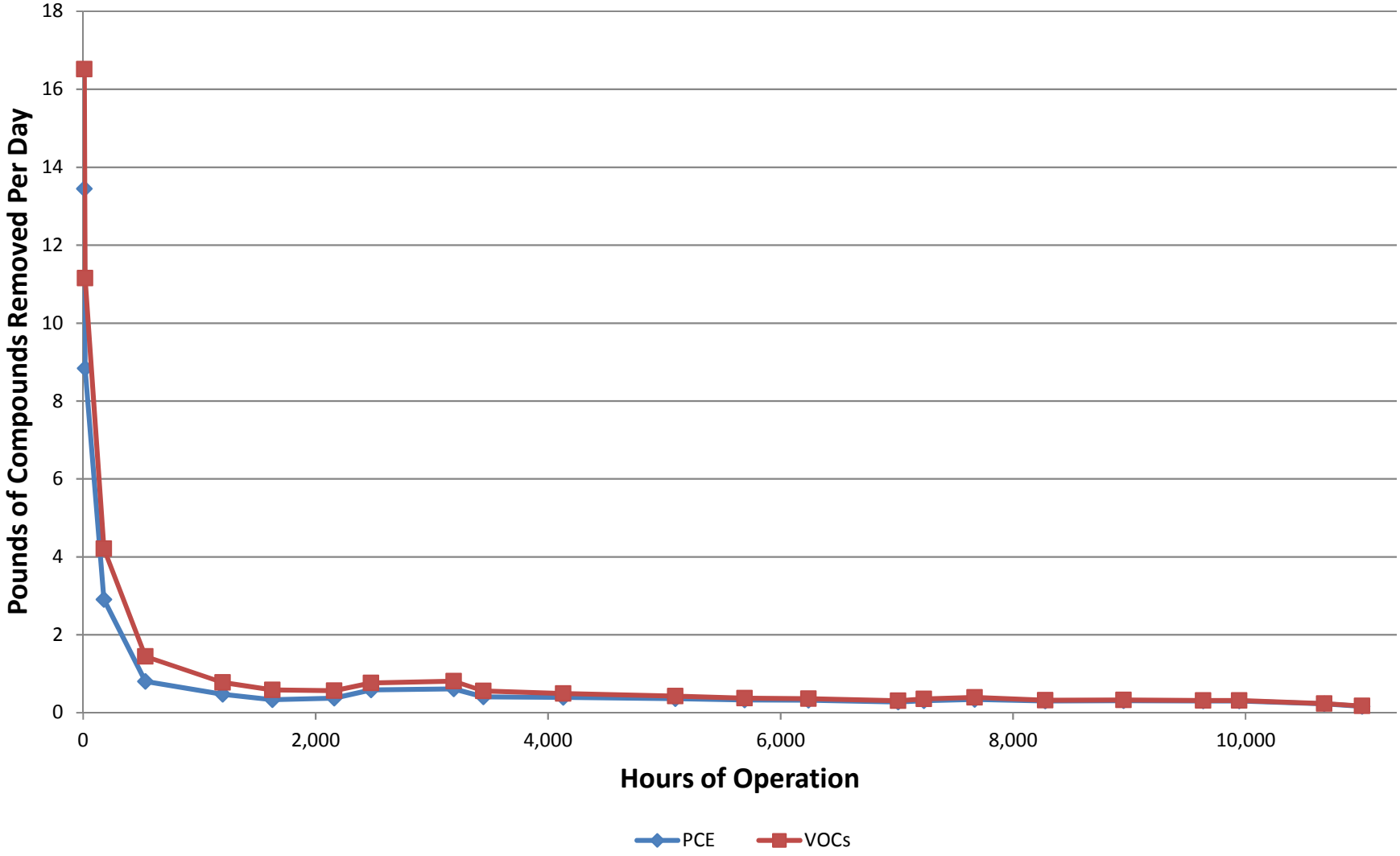
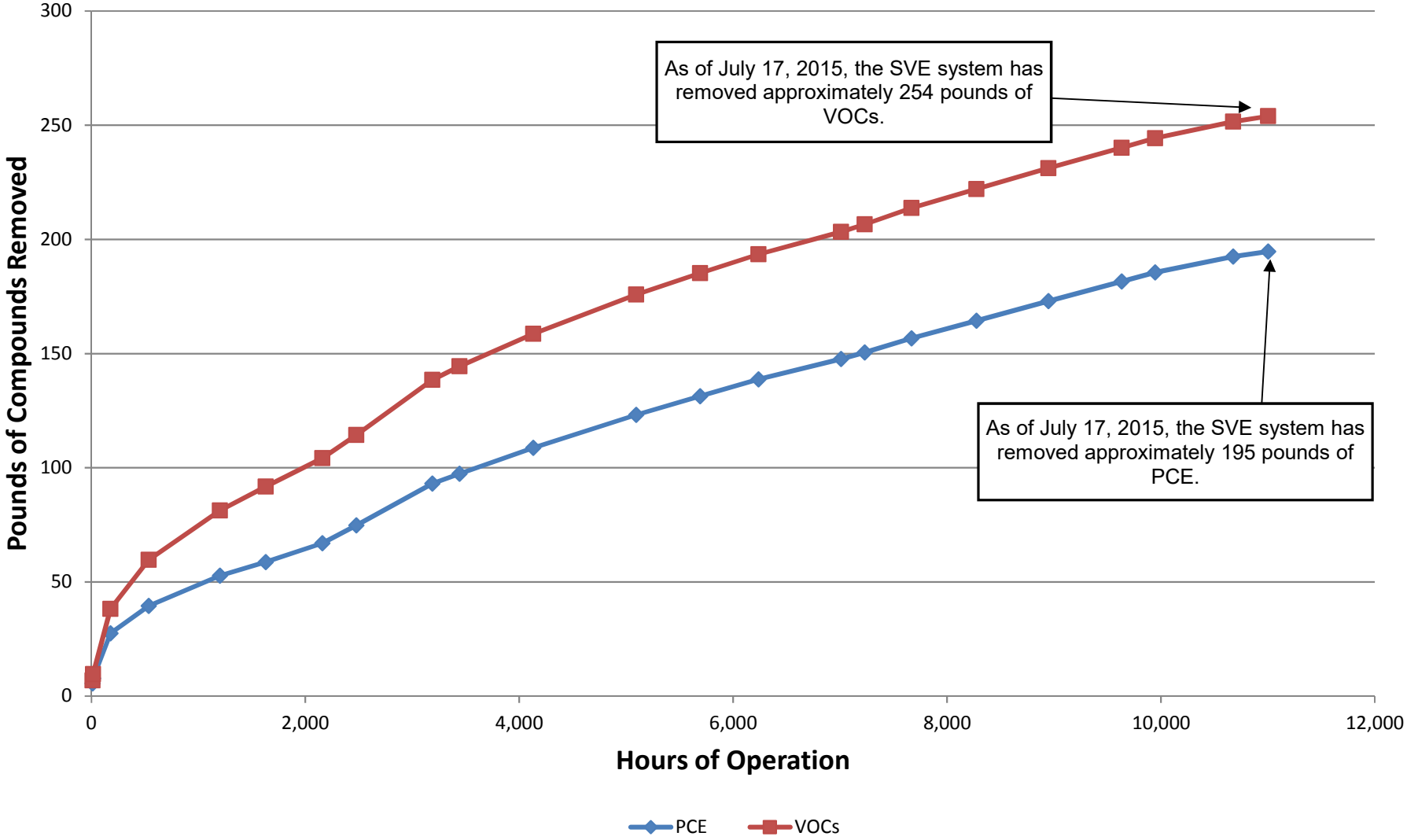


FIGURE 9
SVE SYSTEM: MASS REMOVAL CHART
POUNDS REMOVED TO-DATE
AmeriPride Services Inc.
3505 N. Pasadena Ave., Los Angeles, CA



TABLES

Table 1A
Monitoring Well Construction Details
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadene Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Well ID	Date Installed	Top of casing Elevation (ft msl)	Borehole Diameter (in)	Casing Diameter (in)	Slot Size (in)	Screen Interval (ft bgs)	Sand Pack (ft bgs)	Blank Interval (ft bgs)	Seal Interval (ft bgs)	Surface Seal Interval (ft bgs)	Notes
MW-2	12/7/88	367.75	10	4	0.02	24-69	22-69	0-24	19-22	1-19	
MW-3	12/7/88	366.76	10	4	0.02	24-69	22-69	0-24	19-22	1-19	Retrofit well monument-5/31/06
MW-7	2/6/89	364.02	10	4	0.02	25-70	23-70	0-25	20-23	1-20	
MW-8A	9/1/00	373.46	10	4	0.02	30-60	27-65	0-30	24-27	1-24	Well in street found paved over-9/11/14
MW-9A	11/6/89	363.81	10	4	0.02	29-59	26-59	0-29	24-26	1-24	
MW-9B	11/7/89	363.76	10	4	0.02	58-89	55.5-89	0-58	53.5-55.5	1-53.5	Retrofit well monument-12/21/09
MW-10A	11/8/89	364.35	10	4	0.02	29-61	27.5-61	0-29	25-27.5	1-25	Retrofit well monument-12/21/09
MW-10B	11/8/89	364.22	10	4	0.02	59-89	49.5-89	0-59	47-49.5	1-47	Retrofit well monument-12/21/09
MW-11	8/28/00	367.45	10	4	0.02	25-55	22-55	0-25	19-22	1-19	Well restored to service 09/04/08
MW-12	8/29/00	365.76	10	4	0.02	25-55	21-55	0-25	18-21	1-19	Well restored to service 09/04/08
MW-13A	8/30/00	360.06	10	4	0.02	32-62	29-64	0-32	26-29	1-26	Retrofit well monument-12/21/09
MW-13B	8/31/00	360.27	10	4	0.02	70-90	68-96	0-70	65-68	2.5-65	Retrofit well monument-12/21/09
MW-14	9/5/02	356.67	10	4	0.02	35-55	33-55	0-35	29-33	2-29	
MW-15	9/6/02	354.20	10	4	0.02	35-55	33-55	0-35	29-33	2-29	
MW-16A	4/10/06	364.84	10	4	0.02	30-45	28-45.5	0-30	25-28	1-25	
MW-16B	4/10/06	365.61	10	4	0.02	59-69	57-69.5	0-59	49-57	1-49	
MW-16C	4/11/06	365.10	10	4	0.02	83-93	80-95	0-83	70-80	1-70	
K-1	1987	367.77	---	4		??-69	---	---	---	---	2-inch reducer
Non-Operable Wells											
MW-1	11/21/88	363.47	10	4	0.02	24-69	22-69	0-24	19-22	1-19	Abandoned 3/26/01
MW-4	12/8/88	364.39	10	4	0.02	28-73	26-73	0-28	23-26	1-23	Lost 07/28/08
MW-5	1/20/89	364.46	10	4	0.02	25-70	23-70	0-25	20-23	1-20	Abandoned 3/26/01
MW-6	1/20/89	364.59	10	4	0.02	25-70	23-70	0-25	20-23	1-20	Abandoned 3/26/01
MW-8	11/6/89	370.48	10	4	0.02	25-65	22-65	0-25	19-22	1-19	Abandoned 3/25/01
K-2	1987	365.53	---	2	---	??-55	---	---	---	---	Abandoned 7/28/08
K-3	1987	365.41	---	4	---	??-56	---	---	---	---	Abandoned 12/18/09

Notes:

ft msl Feet as referenced to mean sea level

ft bgs Feet below ground surface

Damaged = MW-4 has been lost/destroyed; attempts to relocate the well in 7/08 were unsuccessful.

?? Data Unavailable = K-1 through K-3 were installed by Kleinfelder in 1987 as wells MW-1 through MW-3. A partial report was available for review.

Survey History:	**Date**	**Top-of-Casing Suveyed**
Case Land Surveying, Inc.	2/21/1989	
Towill Survey, Inc.	7/24/1998	MW-3, MW-4, MW-7, MW-9A, MW-9B, MW-10A, MW-10B, K-1
Case Land Surveying, Inc.	11/16/1989	
Towill Survey, Inc.	9/20/2000	MW-5, MW-6, MW-8
Thienes Engineering, Inc.	11/11/2002	MW-2, MW-3, MW-4, MW-7, MW-8A, MW-9A, MW-9B, MW-10A, MW-10B, MW-11, MW-12, MW-13A, MW-13B, K-3
WM Holdings, Inc.	7/11/2006	MW-2, MW-7, MW-8A, MW-9A, MW-9B, MW-10A, MW-10B, MW-13A, MW-13B, MW-14, MW-15
WM Holdings, Inc.	June-Aug, 2008	
	12/21/2009	MW-2, MW-3, MW-7, MW-8A, MW-9A, MW-11, MW-12, MW-14, MW-15, MW-16A, MW-16B, MW-16C, K-1, OSMW-3, OSMW-17

Table 1B
Soil Vapor Point Construction Details
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadene Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Well ID	Date Installed	Borehole Diameter (in)	Casing Diameter (in)	Slot Size (in)	Screen Interval (ft bgs)	Sand Pack (ft bgs)	Blank Interval (ft bgs)	Seal Interval (ft bgs)	Total Boring Depth (ft bgs)	Notes
VP-1-5	07/08/08	8	0.25	0.020	4.8-5.2	4.6-5.6	0-4.8	2-4.6	70	
VP-1-10	07/08/08	8	0.25	0.020	9.8-10.2	9.6-10.6	0-9.8	5.6-9.6	70	
VP-1-20	07/08/08	8	0.25	0.020	19.8-20.2	19.6-20.6	0-19-8	10.6-19.6	70	
VP-1-30	07/08/08	8	0.25	0.020	29.8-30.2	29.6-30.6	0-29.8	20.6-29.8	70	
VP-2-5	07/10/08	8	0.25	0.020	4.8-5.2	4.6-5.6	0-4.8	2-4.6	40	
VP-2-10	07/10/08	8	0.25	0.020	9.8-10.2	9.6-10.6	0-9.8	5.6-9.6	40	
VP-2-20	07/10/08	8	0.25	0.020	19.8-20.2	19.6-20.6	0-19-8	10.6-19.6	40	
VP-2-30	07/10/08	8	0.25	0.020	29.8-30.2	29.6-30.6	0-29.8	20.6-29.8	40	
VP-3-5	07/09/08	8	0.25	0.020	4.8-5.2	4.6-5.6	0-4.8	2-4.6	40	
VP-3-10	07/09/08	8	0.25	0.020	9.8-10.2	9.6-10.6	0-9.8	5.6-9.6	40	
VP-3-20	07/09/08	8	0.25	0.020	19.8-20.2	19.6-20.6	0-19-8	10.6-19.6	40	
VP-3-30	07/09/08	8	0.25	0.020	29.8-30.2	29.6-30.6	0-29.8	20.6-29.8	40	
VP-4-5	07/08/08	8	0.25	0.020	4.8-5.2	4.6-5.6	0-4.8	2-4.6	40	Well abandoned and sealed 10/25/2013
VP-4-10	07/08/08	8	0.25	0.020	9.8-10.2	9.6-10.6	0-9.8	5.6-9.6	40	Well abandoned and sealed 10/25/2013
VP-4-20	07/08/08	8	0.25	0.020	19.8-20.2	19.6-20.6	0-19-8	10.6-19.6	40	Well abandoned and sealed 10/25/2013
VP-4-30	07/08/08	8	0.25	0.020	29.8-30.2	29.6-30.6	0-29.8	20.6-29.8	40	Well abandoned and sealed 10/25/2013
VP-4R-5	10/24/13	8	0.25	0.020	4.5-5.0	4.2-5.3	0-4.5	1-4.2	30.5	
VP-4R-10	10/24/13	8	0.25	0.020	9.5-10.0	9.2-10.3	0-9.5	5.3-19.2	30.5	
VP-4R-20	10/24/13	8	0.25	0.020	19.5-20.0	19.2-20.3	0-19.5	20.3-29.2	30.5	
VP-4R-30	10/24/13	8	0.25	0.020	29.5-30.0	29.2-30.3	0-29.5	20.3-29.2	30.5	
VP-5-5	07/10/08	8	0.25	0.020	4.8-5.2	4.6-5.6	0-4.8	2-4.6	40	
VP-5-10	07/10/08	8	0.25	0.020	9.8-10.2	9.6-10.6	0-9.8	5.6-9.6	40	
VP-5-20	07/10/08	8	0.25	0.020	19.8-20.2	19.6-20.6	0-19-8	10.6-19.6	40	
VP-5-30	07/10/08	8	0.25	0.020	29.8-30.2	29.6-30.6	0-29.8	20.6-29.8	40	
VP-6-5	07/09/08	8	0.25	0.020	4.8-5.2	4.6-5.6	0-4.8	2-4.6	40	
VP-6-10	07/09/08	8	0.25	0.020	9.8-10.2	9.6-10.6	0-9.8	5.6-9.6	40	
VP-6-20	07/09/08	8	0.25	0.020	19.8-20.2	19.6-20.6	0-19-8	10.6-19.6	40	
VP-6-30	07/09/08	8	0.25	0.020	29.8-30.2	29.6-30.6	0-29.8	20.6-29.8	40	
VP-7-5	07/07/08	8	0.25	0.020	4.8-5.2	4.6-5.6	0-4.8	2-4.6	30	
VP--7-10	07/07/08	8	0.25	0.020	9.8-10.2	9.6-10.6	0-9.8	5.6-9.6	30	
VP-7-20	07/07/08	8	0.25	0.020	19.8-20.2	19.6-20.6	0-19-8	10.6-19.6	30	
VP-7-30	07/07/08	8	0.25	0.020	29.8-30.2	29.6-30.6	0-29.8	20.6-29.8	30	
VP-8-5	07/07/08	8	0.25	0.020	4.8-5.2	4.6-5.6	0-4.8	2-4.6	30	Well abandoned and sealed 10/25/2013
VP-8-20	07/07/08	8	0.25	0.020	19.8-20.2	19.6-20.6	0-19-8	10.6-19.6	30	Well abandoned and sealed 10/25/2013
VP-8-30	07/07/08	8	0.25	0.020	29.8-30.2	29.6-30.6	0-29.8	20.6-29.8	30	Well abandoned and sealed 10/25/2013
VP-8R-5	10/25/13	8	0.25	0.020	4.5-5.0	4.2-5.3	0-4.5	1-4.2	30.5	
VP-8R-10	10/25/13	8	0.25	0.020	9.5-10.0	9.2-10.3	0-9.5	5.3-19.2	30.5	
VP-8R-20	10/25/13	8	0.25	0.020	19.5-20.0	19.2-20.3	0-19.5	20.3-29.2	30.5	
VP-8R-30	10/25/13	8	0.25	0.020	29.5-30.0	29.2-30.3	0-29.5	20.3-29.2	30.5	
SVE-1	10/22/13	8	4.00	0.020	20.0-30.0	18.0-30.5	0-20.0	3.0-18.0	30.5	Surface Elevation (not collected)
SVE-2	10/22/13	8	4.00	0.020	20.0-30.0	18.0-30.5	0-20.0	3.0-18.0	30.5	Surface Elevation (365.58)
SVE-3	10/22/13	8	4.00	0.020	20.0-30.0	18.0-30.5	0-20.0	3.0-18.0	30.5	Surface Elevation (365.48)
SVE-4	10/21/13	8	4.00	0.020	20.0-30.0	18.0-30.5	0-20.0	3.0-18.0	30.5	Surface Elevation (364.64)
SVE-5	10/21/13	8	4.00	0.020	20.0-30.0	18.0-30.5	0-20.0	3.0-18.0	30.5	Surface Elevation (364.24)
SVE-6	10/22/13	8	4.00	0.020	20.0-30.0	18.0-30.5	0-20.0	3.0-18.0	30.5	Surface Elevation (365.11)
SVE-7	10/23/13	8	4.00	0.020	20.0-30.0	18.0-30.5	0-20.0	3.0-18.0	30.5	Surface Elevation (364.53)
SVE-8	10/24/13	8	4.00	0.020	20.0-30.0	18.0-30.5	0-20.0	3.0-18.0	30.5	Surface Elevation (634.90)
SVE-9	10/23/13	8	4.00	0.020	20.0-30.0	18.0-30.5	0-20.0	3.0-18.0	30.5	Surface Elevation (364.48)
SVE-10	10/24/13	8	4.00	0.020	20.0-30.0	18.0-30.5	0-20.0	3.0-18.0	30.5	Surface Elevation (634.85)
SVE-11	10/23/13	8	4.00	0.020	20.0-30.0	18.0-30.5	0-20.0	3.0-18.0	30.5	Surface Elevation (364.73)

Notes:

ft bgs	Feet below ground surface
in	Inches
Tubing	1/4 inch nylon tubing
Screen	Stainless steel 6 inch 3/8 inch diameter screen with 0.020 in slots

VP-4R and VP-8R

5 feet	Yellow Tape
10 feet	Red Tape
20 feet	Green Tape
30 Feet	Blue Tape

Table 2
Groundwater Elevations
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadene Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (ft msl)	DEPTH TO WATER (ft toc)	STATIC GROUNDWATER ELEVATION (ft msl)	LIQUID PRODUCT THICKNESS (In)
MW-1	04/05/89	364.64	34.71	329.93	ND
MW-1	03/05/90	364.64	---	---	2.0
MW-1	08/22/91	364.64	34.70	329.94	ND
MW-1	07/20/98	---	---	---	---
MW-1	11/30/99	---	---	---	---
MW-1	03/15/00	---	---	---	---
MW-1	06/29/00	---	---	---	---
MW-1	09/20/00	363.47	---	---	---
MW-1	03/26/01	---	---	---	---
MW-2	04/05/89	367.47	38.11	329.36	ND
MW-2	03/05/90	367.47	---	---	ND
MW-2	08/22/91	367.47	38.07	329.40	ND
MW-2	07/20/98	367.08	38.89	328.19	ND
MW-2	11/30/99	367.08	37.92	329.16	ND
MW-2	03/15/00	367.08	37.04	330.04	ND
MW-2	06/29/00	367.08	37.13	329.95	ND
MW-2	09/20/00	367.08	37.56	329.52	ND
MW-2	12/04/00	367.08	37.88	329.20	ND
MW-2	03/26/01	367.08	36.39	330.69	ND
MW-2	05/16/01	367.08	36.65	330.43	ND
MW-2	08/20/01	367.08	37.21	329.87	ND
MW-2	12/17/01	367.08	37.81	329.27	ND
MW-2	02/27/02	367.08	38.02	329.06	ND
MW-2	06/03/02	367.08	38.27	328.81	ND
MW-2	08/12/02	367.08	38.25	328.83	ND
MW-2	11/11/02	367.75	38.44	329.31	ND
MW-2	03/10/03	367.75	37.64	330.11	ND
MW-2	05/19/03	367.75	36.86	330.89	ND
MW-2	08/25/03	367.75	37.44	330.31	ND
MW-2	11/17/03	367.75	37.67	330.08	ND
MW-2	03/22/04	367.75	37.06	330.69	ND
MW-2	05/17/04	367.75	37.32	330.43	ND
MW-2	08/16/04	367.75	37.91	329.84	ND
MW-2	11/15/04	367.75	37.50	330.25	ND
MW-2	03/15/05	367.75	34.30	333.45	ND
MW-2	06/13/05	367.75	35.88	331.87	ND
MW-2	08/24/05	367.75	36.58	331.17	ND
MW-2	12/21/05	367.75	37.13	330.62	ND
MW-2	05/31/06	367.03	36.56	330.47	ND
MW-2	09/13/06	367.03	37.27	329.76	ND
MW-2	12/22/06	367.03	37.78	329.25	ND
MW-2	03/20/07	367.03	37.97	329.06	ND
MW-2	06/19/07	367.03	38.14	328.89	ND

Table 2
Groundwater Elevations
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadene Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (ft msl)	DEPTH TO WATER (ft toc)	STATIC GROUNDWATER ELEVATION (ft msl)	LIQUID PRODUCT THICKNESS (In)
MW-2	09/18/07	367.03	38.35	328.68	ND
MW-2	01/02/08	367.03	38.16	328.87	ND
MW-2	09/04/08	367.03	37.97	329.06	ND
MW-2	03/04/09	367.03	37.83	329.20	ND
MW-2	12/21/09	369.83	41.55	328.28	ND
MW-2	06/29/10	369.83	40.65	329.18	ND
MW-2	03/14/11	369.83	39.41	330.42	ND
MW-2	09/14/11	369.83	39.97	329.86	ND
MW-2	03/21/12	369.83	40.64	329.19	ND
MW-2	09/06/12	369.83	41.12	328.71	ND
MW-2	03/06/13	369.83	41.31	328.52	ND
MW-2	11/11/13	369.83	41.81	328.02	ND
MW-2	03/11/14	369.83	41.94	327.89	ND
MW-2	09/11/14	369.83	42.30	327.53	ND
MW-2	10/19/15	369.83	42.61	327.22	ND
MW-2	03/15/16	369.83	42.34	327.49	ND
MW-3	04/05/89	364.64	---	---	0.25
MW-3	03/05/90	364.64	---	---	2.0
MW-3	08/22/91	364.64	33.45	331.19	ND
MW-3	07/21/98	364.30	31.42	332.88	ND
MW-3	11/30/99	364.30	33.51	330.79	ND
MW-3	03/15/00	364.30	32.54	331.76	ND
MW-3	06/29/00	364.30	32.67	331.63	ND
MW-3	09/20/00	364.30	33.12	331.18	ND
MW-3	12/05/00	364.30	33.43	330.87	ND
MW-3	03/27/01	364.30	31.79	332.51	ND
MW-3	05/17/01	364.30	32.08	332.22	ND
MW-3	08/21/01	364.30	32.76	331.54	ND
MW-3	12/17/01	364.30	33.36	330.94	ND
MW-3	02/27/02	364.30	33.58	330.72	ND
MW-3	06/03/02	364.30	33.81	330.49	ND
MW-3	08/12/02	364.30	33.79	330.51	ND
MW-3	11/11/02	364.39	34.04	330.35	ND
MW-3	03/10/03	364.39	33.11	331.28	ND
MW-3	05/19/03	364.39	32.31	332.08	ND
MW-3	08/25/03	364.39	32.97	331.42	ND
MW-3	11/17/03	364.39	33.22	331.17	ND
MW-3	03/22/04	364.39	32.52	331.87	ND
MW-3	05/17/04	364.39	32.81	331.58	ND
MW-3	08/16/04	364.39	33.46	330.93	ND
MW-3	11/15/04	364.39	33.05	331.34	ND
MW-3	03/15/05	364.39	29.70	334.69	ND
MW-3	06/13/05	364.39	31.35	333.04	ND

Table 2
Groundwater Elevations
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadene Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (ft msl)	DEPTH TO WATER (ft toc)	STATIC GROUNDWATER ELEVATION (ft msl)	LIQUID PRODUCT THICKNESS (In)
MW-3	08/24/05	364.39	32.08	332.31	ND
MW-3	12/21/05	364.39	32.61	331.78	ND
MW-3	05/31/06	366.76	34.50	332.26	ND
MW-3	09/13/06	366.76	35.81	330.95	ND
MW-3	12/22/06	366.76	35.74	331.02	ND
MW-3	03/21/07	366.76	35.96	330.80	ND
MW-3	06/20/07	366.76	36.18	330.58	ND
MW-3	09/18/07	366.76	36.40	330.36	ND
MW-3	01/02/08	366.76	36.16	330.60	ND
MW-3	09/04/08	366.76	35.92	330.84	ND
MW-3	03/04/09	366.76	35.50	331.26	ND
MW-3	12/21/09	366.76	36.81	329.95	ND
MW-3	06/29/10	366.76	35.96	330.80	ND
MW-3	03/14/11	366.76	34.53	332.23	ND
MW-3	09/14/11	366.76	35.21	331.55	ND
MW-3	03/21/12	366.76	35.93	330.83	ND
MW-3	09/06/12	366.76	36.42	330.34	ND
MW-3	03/06/13	366.76	36.55	330.21	ND
MW-3	11/11/13	366.76	37.19	329.57	ND
MW-3	03/11/14	366.76	37.25	329.51	ND
MW-3	09/11/14	366.76	37.63	329.13	ND
MW-3	03/02/15	366.76	37.57	329.19	ND
MW-3	10/19/15	366.76	37.93	328.83	ND
MW-3	03/15/16	366.76	37.64	329.12	ND
MW-4	04/05/89	364.59	---	---	0.25
MW-4	03/05/90	364.59	---	---	5.0
MW-4	08/22/91	364.59	34.79	329.80	ND
MW-4	07/20/98	364.29	32.71	331.58	ND
MW-4	11/30/99	364.29	34.60	329.69	ND
MW-4	03/15/00	364.29	33.65	330.64	ND
MW-4	06/29/00	364.29	33.84	330.45	ND
MW-4	09/20/00	364.29	34.23	330.06	ND
MW-4	12/05/00	364.29	34.53	329.76	ND
MW-4	03/27/01	364.29	33.03	331.26	ND
MW-4	05/17/01	364.29	33.36	330.93	ND
MW-4	08/21/01	364.29	33.92	330.37	ND
MW-4	12/17/01	364.29	34.46	329.83	ND
MW-4	02/27/02	364.29	34.68	329.61	ND
MW-4	06/03/02	364.29	34.91	329.38	ND
MW-4	08/12/02	364.29	34.90	329.39	ND
MW-4	11/11/02	364.39	35.07	329.32	ND
MW-4	03/10/03	364.39	---	---	---
MW-4	05/19/03	364.39	33.50	330.89	---

Table 2
Groundwater Elevations
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadene Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (ft msl)	DEPTH TO WATER (ft toc)	STATIC GROUNDWATER ELEVATION (ft msl)	LIQUID PRODUCT THICKNESS (In)
MW-4	08/25/03	364.39	34.09	330.30	ND
MW-4	11/17/03	364.39	34.30	330.09	ND
MW-4	03/22/04	364.39	33.63	330.76	ND
MW-4	05/17/04	364.39	33.94	330.45	ND
MW-4	08/16/04	364.39	34.55	329.84	ND
MW-4	11/15/04	364.39	34.10	330.29	ND
MW-4	03/15/05	364.39	31.10	333.29	ND
MW-4	06/13/05	364.39	32.68	331.71	ND
MW-4	08/24/05	364.39	---	---	---
MW-4	12/21/05	364.39	---	---	---
MW-4	07/28/08	364.39	---	---	---
MW-5	04/05/89	364.74	33.86	330.88	ND
MW-5	03/05/90	364.74	---	---	ND
MW-5	07/16/91	364.74	---	---	4.0
MW-5	08/22/91	364.74	33.70	331.04	ND
MW-5	11/30/99	---	---	---	---
MW-5	03/15/00	---	---	---	---
MW-5	06/29/00	---	---	---	---
MW-5	09/20/00	364.46	---	---	---
MW-5	12/04/00	364.46	---	---	---
MW-5	03/26/01	---	---	---	---
MW-6	04/05/89	364.81	34.10	330.71	ND
MW-6	03/05/90	364.81	---	---	9.5
MW-6	08/22/91	---	---	---	---
MW-6	11/30/99	---	---	---	---
MW-6	03/15/00	---	---	---	---
MW-6	06/29/00	---	---	---	---
MW-6	09/20/00	364.59	---	---	---
MW-6	12/04/00	364.59	---	---	---
MW-6	03/26/01	---	---	---	---
MW-7	04/05/89	365.07	35.91	329.16	ND
MW-7	03/05/90	365.07	---	---	0.7
MW-7	08/22/91	365.07	35.16	329.91	ND
MW-7	07/20/98	363.91	32.89	331.02	ND
MW-7	11/30/99	363.91	35.80	328.11	ND
MW-7	03/15/00	363.91	33.85	330.06	ND
MW-7	06/29/00	363.91	33.99	329.92	ND
MW-7	09/20/00	363.91	34.42	329.49	ND
MW-7	12/04/00	363.91	34.75	329.16	ND
MW-7	03/26/01	363.91	33.25	330.66	ND
MW-7	05/16/01	363.91	33.53	330.38	ND

Table 2
Groundwater Elevations
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadene Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (ft msl)	DEPTH TO WATER (ft toc)	STATIC GROUNDWATER ELEVATION (ft msl)	LIQUID PRODUCT THICKNESS (In)
MW-7	08/20/01	363.91	34.08	329.83	ND
MW-7	12/17/01	363.91	34.66	329.25	ND
MW-7	02/27/02	363.91	34.87	329.04	ND
MW-7	06/03/02	363.91	35.13	328.78	ND
MW-7	08/12/02	363.91	35.11	328.80	ND
MW-7	11/11/02	364.02	35.27	328.75	ND
MW-7	03/10/03	364.02	34.47	329.55	ND
MW-7	05/19/03	364.02	33.73	330.29	ND
MW-7	08/25/03	364.02	34.30	329.72	ND
MW-7	11/17/03	364.02	34.52	329.50	ND
MW-7	03/22/04	364.02	33.93	330.09	ND
MW-7	05/17/04	364.02	34.18	329.84	ND
MW-7	08/16/04	364.02	34.78	329.24	ND
MW-7	11/15/04	364.02	34.39	329.63	ND
MW-7	03/15/05	364.02	31.40	332.62	ND
MW-7	06/13/05	364.02	32.90	331.12	ND
MW-7	08/24/05	364.02	33.48	330.54	ND
MW-7	12/21/05	364.02	33.92	330.10	ND
MW-7	05/31/06	363.88	33.45	330.43	ND
MW-7	09/13/06	363.88	34.15	329.73	ND
MW-7	12/22/06	363.88	34.67	329.21	ND
MW-7	03/21/07	363.88	34.80	329.08	ND
MW-7	06/20/07	363.88	34.97	328.91	ND
MW-7	09/18/07	363.88	35.19	328.69	ND
MW-7	01/02/08	363.88	35.00	328.88	ND
MW-7	09/04/08	363.88	34.83	329.05	ND
MW-7	03/04/09	363.88	34.65	329.23	ND
MW-7	12/21/09	367.21	38.90	328.31	ND
MW-7	06/29/10	367.21	38.06	329.15	ND
MW-7	03/14/11	367.21	36.83	330.38	ND
MW-7	09/14/11	367.21	37.40	329.81	ND
MW-7	03/21/12	367.21	38.13	329.08	ND
MW-7	09/06/12	367.21	38.53	328.68	ND
MW-7	03/06/13	367.21	38.69	328.52	ND
MW-7	11/11/13	367.21	39.24	327.97	ND
MW-7	03/11/14	367.21	39.29	327.92	ND
MW-7	09/11/14	367.21	39.73	327.48	ND
MW-7	03/02/15	367.21	39.66	327.55	ND
MW-7	10/19/15	367.21	40.03	327.18	ND
MW-7	03/15/16	367.21	39.76	327.45	ND
MW-8	03/05/90	370.65	38.46	332.19	ND
MW-8	08/22/91	---	---	---	---
MW-8	11/30/99	---	---	---	---

Table 2
Groundwater Elevations
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadene Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (ft msl)	DEPTH TO WATER (ft toc)	STATIC GROUNDWATER ELEVATION (ft msl)	LIQUID PRODUCT THICKNESS (In)
MW-8	03/15/00	---	---	---	---
MW-8	06/29/00	---	---	---	---
MW-8	09/20/00	370.48	---	---	---
MW-8	12/04/00	370.48	---	---	---
MW-8	03/26/01	---	---	---	---
MW-8A	09/19/00	373.40	41.19	332.21	ND
MW-8A	12/04/00	373.40	41.50	331.90	ND
MW-8A	03/26/01	373.40	39.84	333.56	ND
MW-8A	05/16/01	373.40	40.13	333.27	ND
MW-8A	08/20/01	373.40	40.81	332.59	ND
MW-8A	12/17/01	373.40	41.43	331.97	ND
MW-8A	02/27/02	373.40	41.63	331.77	ND
MW-8A	06/03/02	373.40	41.88	331.52	ND
MW-8A	08/12/02	373.40	41.89	331.51	ND
MW-8A	11/11/02	373.46	42.11	331.35	ND
MW-8A	03/10/03	373.46	41.17	332.29	ND
MW-8A	05/19/03	373.46	40.35	333.11	ND
MW-8A	08/25/03	373.46	41.04	332.42	ND
MW-8A	11/17/03	373.46	41.29	332.17	ND
MW-8A	03/22/04	373.46	40.58	332.88	ND
MW-8A	05/17/04	373.46	40.90	332.56	ND
MW-8A	08/16/04	373.46	41.54	331.92	ND
MW-8A	11/15/04	373.46	41.12	332.34	ND
MW-8A	03/15/05	373.46	37.50	335.96	ND
MW-8A	06/13/05	373.46	39.34	334.12	ND
MW-8A	08/24/05	373.46	40.05	333.41	ND
MW-8A	12/21/05	373.46	40.61	332.85	ND
MW-8A	06/05/06	373.40	40.09	333.31	ND
MW-8A	09/14/06	373.40	36.54	336.86	ND
MW-8A	12/21/06	373.40	23.35	350.05	ND
MW-8A	03/20/07	373.40	41.52	331.88	ND
MW-8A	06/19/07	373.40	41.75	331.65	ND
MW-8A	09/18/07	373.40	41.97	331.43	ND
MW-8A	01/02/08	373.40	41.70	331.70	ND
MW-8A	09/04/08	373.40	41.63	331.77	ND
MW-8A	03/04/09	373.40	41.36	332.04	ND
MW-8A	12/21/09	373.40	42.60	330.80	ND
MW-8A	06/29/10	373.40	41.46	331.94	ND
MW-8A	03/14/11	373.40	40.02	333.38	ND
MW-8A	09/14/11	373.40	40.74	332.66	ND
MW-8A	03/21/12	373.40	41.46	331.94	ND
MW-8A	09/06/12	373.40	41.99	331.41	ND
MW-8A	03/06/13	373.40	42.11	331.29	ND

Table 2
Groundwater Elevations
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadene Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (ft msl)	DEPTH TO WATER (ft toc)	STATIC GROUNDWATER ELEVATION (ft msl)	LIQUID PRODUCT THICKNESS (In)
MW-8A	11/11/13	373.40	42.77	330.63	ND
MW-8A	03/11/14	373.40	42.74	330.66	ND
MW-9A	03/05/90	363.86	35.62	328.24	ND
MW-9A	08/22/91	363.86	35.56	328.30	ND
MW-9A	07/20/98	363.71	33.61	330.10	ND
MW-9A	11/30/99	363.71	35.50	328.21	ND
MW-9A	03/15/00	363.71	34.65	329.06	ND
MW-9A	06/29/00	363.71	34.76	328.95	ND
MW-9A	09/19/00	363.71	35.17	328.54	ND
MW-9A	12/04/00	363.71	35.48	328.23	ND
MW-9A	03/26/01	363.71	34.02	329.69	ND
MW-9A	05/16/01	363.71	34.28	329.43	ND
MW-9A	08/20/01	363.71	34.83	328.88	ND
MW-9A	12/17/01	363.71	35.41	328.30	ND
MW-9A	02/27/02	363.71	35.60	328.11	ND
MW-9A	06/03/02	363.71	35.80	327.91	ND
MW-9A	08/12/02	363.71	35.81	327.90	ND
MW-9A	11/11/02	363.81	35.95	327.86	ND
MW-9A	03/10/03	363.81	35.25	328.56	ND
MW-9A	05/19/03	363.81	34.50	329.31	ND
MW-9A	08/25/03	363.81	35.05	328.76	ND
MW-9A	11/17/03	363.81	35.25	328.56	ND
MW-9A	03/22/04	363.81	34.95	328.86	ND
MW-9A	05/17/04	363.81	35.15	328.66	ND
MW-9A	08/16/04	363.81	35.48	328.33	ND
MW-9A	11/15/04	363.81	35.11	328.70	ND
MW-9A	03/15/05	363.81	32.10	331.71	ND
MW-9A	06/13/05	363.81	33.51	330.30	ND
MW-9A	08/24/05	363.81	34.42	329.39	ND
MW-9A	12/21/05	363.81	34.69	329.12	ND
MW-9A	05/31/06	363.68	34.17	329.51	ND
MW-9A	09/13/06	363.68	34.90	328.78	ND
MW-9A	12/22/06	363.68	35.40	328.28	ND
MW-9A	03/21/07	363.68	35.50	328.18	ND
MW-9A	06/19/07	363.68	35.68	328.00	ND
MW-9A	09/18/07	363.68	35.83	327.85	ND
MW-9A	01/02/08	363.68	35.67	328.01	ND
MW-9A	09/04/08	363.68	35.40	328.28	ND
MW-9A	03/04/09	363.68	35.34	328.34	ND
MW-9A	12/21/09	366.43	38.87	327.56	ND
MW-9A	06/29/10	366.43	38.03	328.40	ND
MW-9A	03/14/11	366.43	36.93	329.50	ND
MW-9A	09/14/11	366.43	37.49	328.94	ND

Table 2
Groundwater Elevations
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadene Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (ft msl)	DEPTH TO WATER (ft toc)	STATIC GROUNDWATER ELEVATION (ft msl)	LIQUID PRODUCT THICKNESS (In)
MW-9A	03/21/12	366.43	38.12	328.31	ND
MW-9A	09/06/12	366.43	38.59	327.84	ND
MW-9A	03/06/13	366.43	38.78	327.65	ND
MW-9A	11/11/13	366.43	39.30	327.13	ND
MW-9A	03/11/14	366.43	39.33	327.10	ND
MW-9A	09/11/14	366.43	39.72	326.71	ND
MW-9A	03/02/15	366.43	39.66	326.77	ND
MW-9A	10/19/15	366.43	39.99	326.44	ND
MW-9A	03/15/16	366.43	39.72	326.71	ND
MW-9B	03/05/90	363.86	35.61	328.25	ND
MW-9B	08/22/91	363.86	35.53	328.33	ND
MW-9B	07/20/98	363.61	33.60	330.01	ND
MW-9B	11/30/99	363.61	35.44	328.17	ND
MW-9B	03/15/00	363.61	34.51	329.10	ND
MW-9B	06/29/00	363.61	34.62	328.99	ND
MW-9B	09/19/00	363.61	34.98	328.63	ND
MW-9B	12/04/00	363.61	35.48	328.13	ND
MW-9B	03/26/01	363.61	33.82	329.79	ND
MW-9B	05/16/01	363.61	34.10	329.51	ND
MW-9B	08/20/01	363.61	34.67	328.94	ND
MW-9B	12/17/01	363.61	35.21	328.40	ND
MW-9B	02/27/02	363.61	35.37	328.24	ND
MW-9B	06/03/02	363.61	35.62	327.99	ND
MW-9B	08/12/02	363.61	35.61	328.00	ND
MW-9B	11/11/02	363.76	35.76	328.00	ND
MW-9B	03/10/03	363.76	34.97	328.79	ND
MW-9B	05/19/03	363.76	34.30	329.46	ND
MW-9B	08/25/03	363.76	34.84	328.92	ND
MW-9B	11/17/03	363.76	35.03	328.73	ND
MW-9B	03/22/04	363.76	34.39	329.37	ND
MW-9B	05/17/04	363.76	34.65	329.11	ND
MW-9B	08/16/04	363.76	35.22	328.54	ND
MW-9B	11/15/04	363.76	34.85	328.91	ND
MW-9B	03/15/05	363.76	31.70	332.06	ND
MW-9B	06/13/05	363.76	33.26	330.50	ND
MW-9B	08/24/05	363.76	33.92	329.84	ND
MW-9B	12/21/05	363.76	34.36	329.40	ND
MW-9B	05/31/06	363.58	33.91	329.67	ND
MW-9B	09/13/06	363.58	34.61	328.97	ND
MW-9B	12/22/06	363.58	35.10	328.48	ND
MW-9B	03/21/07	363.58	35.25	328.33	ND
MW-9B	06/19/07	363.58	35.42	328.16	ND
MW-9B	09/18/07	363.58	35.60	327.98	ND

Table 2
Groundwater Elevations
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadene Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (ft msl)	DEPTH TO WATER (ft toc)	STATIC GROUNDWATER ELEVATION (ft msl)	LIQUID PRODUCT THICKNESS (In)
MW-9B	01/02/08	363.58	35.31	328.27	ND
MW-9B	09/04/08	363.58	35.18	328.40	ND
MW-9B	03/04/09	363.58	35.50	328.08	ND
MW-9B	12/21/09	366.56	38.93	327.63	ND
MW-9B	06/29/10	366.56	38.10	328.46	ND
MW-9B	03/14/11	366.56	37.47	329.09	ND
MW-9B	09/14/11	366.56	37.42	329.14	ND
MW-9B	03/21/12	366.56	38.12	328.44	ND
MW-9B	09/06/12	366.56	38.55	328.01	ND
MW-9B	03/06/13	366.56	38.70	327.86	ND
MW-9B	11/11/13	366.56	39.21	327.35	ND
MW-9B	03/11/14	366.56	39.29	327.27	ND
MW-9B	09/11/14	366.56	39.68	326.88	ND
MW-9B	03/02/15	366.56	39.60	326.96	ND
MW-9B	10/19/15	366.56	39.95	326.61	ND
MW-9B	03/15/16	366.56	39.68	326.88	ND
MW-10A	03/05/90	364.28	38.33	325.95	ND
MW-10A	08/22/91	364.28	38.46	325.82	ND
MW-10A	07/20/98	364.23	37.07	327.16	ND
MW-10A	11/30/99	364.23	38.52	325.71	ND
MW-10A	03/15/00	364.23	37.74	326.49	ND
MW-10A	06/29/00	364.23	35.95	328.28	ND
MW-10A	09/19/00	364.23	38.30	325.93	ND
MW-10A	12/04/00	364.23	38.52	325.71	ND
MW-10A	03/26/01	364.23	37.15	327.08	ND
MW-10A	05/16/01	364.23	37.57	326.66	ND
MW-10A	08/20/01	364.23	38.06	326.17	ND
MW-10A	12/17/01	364.23	38.50	325.73	ND
MW-10A	02/27/02	364.23	38.63	325.60	ND
MW-10A	06/03/02	364.23	38.81	325.42	ND
MW-10A	08/12/02	364.23	38.83	325.40	ND
MW-10A	11/11/02	364.35	38.93	325.42	ND
MW-10A	03/10/03	364.35	38.26	326.09	ND
MW-10A	05/19/03	364.35	37.78	326.57	ND
MW-10A	08/25/03	364.35	38.24	326.11	ND
MW-10A	11/17/03	364.35	38.42	325.93	ND
MW-10A	03/22/04	364.35	37.85	326.50	ND
MW-10A	05/17/04	364.35	38.09	326.26	ND
MW-10A	08/16/04	364.35	38.58	325.77	ND
MW-10A	11/15/04	364.35	38.21	326.14	ND
MW-10A	03/15/05	364.35	35.40	328.95	ND
MW-10A	06/13/05	364.35	37.15	327.20	ND
MW-10A	08/24/05	364.35	37.70	326.65	ND

Table 2
Groundwater Elevations
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadene Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (ft msl)	DEPTH TO WATER (ft toc)	STATIC GROUNDWATER ELEVATION (ft msl)	LIQUID PRODUCT THICKNESS (In)
MW-10A	12/21/05	364.35	38.02	326.33	ND
MW-10A	05/31/06	364.18	37.64	326.54	ND
MW-10A	09/13/06	364.18	38.19	325.99	ND
MW-10A	12/22/06	364.18	38.58	325.60	ND
MW-10A	03/21/07	364.18	38.66	325.52	ND
MW-10A	06/20/07	364.18	38.77	325.41	ND
MW-10A	09/18/07	364.18	39.00	325.18	ND
MW-10A	01/02/08	364.18	38.84	325.34	ND
MW-10A	09/04/08	364.18	38.68	325.50	ND
MW-10A	03/04/09	364.18	38.44	325.74	ND
MW-10A	12/21/09	366.96	41.91	325.05	ND
MW-10A	06/29/10	366.96	41.35	325.61	ND
MW-10A	03/14/11	366.96	40.44	326.52	ND
MW-10A	09/14/11	366.96	40.85	326.11	ND
MW-10A	03/21/12	366.96	41.37	325.59	ND
MW-10A	09/06/12	366.96	41.77	325.19	ND
MW-10A	03/06/13	366.96	41.88	325.08	ND
MW-10A	11/11/13	366.96	42.30	324.66	ND
MW-10A	03/11/14	366.96	42.35	324.61	ND
MW-10A	09/11/14	366.96	42.68	324.28	ND
MW-10A	03/02/15	366.96	42.59	324.37	ND
MW-10A	10/19/15	366.96	42.94	324.02	ND
MW-10A	03/15/16	366.96	42.66	324.30	ND
MW-10B	03/05/90	364.28	37.63	326.65	ND
MW-10B	08/22/91	364.28	37.62	326.66	ND
MW-10B	07/20/98	364.13	35.92	328.21	ND
MW-10B	11/30/99	364.13	37.58	326.55	ND
MW-10B	03/15/00	364.13	36.71	327.42	ND
MW-10B	06/29/00	364.13	36.92	327.21	ND
MW-10B	09/19/00	364.13	37.37	326.76	ND
MW-10B	12/04/00	364.13	38.52	325.61	ND
MW-10B	03/26/01	364.13	36.26	327.87	ND
MW-10B	05/16/01	364.13	36.44	327.69	ND
MW-10B	08/20/01	364.13	36.97	327.16	ND
MW-10B	12/17/01	364.13	37.42	326.71	ND
MW-10B	02/27/02	364.13	37.56	326.57	ND
MW-10B	06/03/02	364.13	37.80	326.33	ND
MW-10B	08/12/02	364.13	37.79	326.34	ND
MW-10B	11/11/02	364.22	37.90	326.32	ND
MW-10B	03/10/03	364.22	37.15	327.07	ND
MW-10B	05/19/03	364.22	36.58	327.64	ND
MW-10B	08/25/03	364.22	37.11	327.11	ND
MW-10B	11/17/03	364.22	37.28	326.94	ND

Table 2
Groundwater Elevations
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadene Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (ft msl)	DEPTH TO WATER (ft toc)	STATIC GROUNDWATER ELEVATION (ft msl)	LIQUID PRODUCT THICKNESS (In)
MW-10B	03/22/04	364.22	36.67	327.55	ND
MW-10B	05/17/04	364.22	36.96	327.26	ND
MW-10B	08/16/04	364.22	37.48	326.74	ND
MW-10B	11/15/04	364.22	37.14	327.08	ND
MW-10B	03/15/05	364.22	34.00	330.22	ND
MW-10B	06/13/05	364.22	35.79	328.43	ND
MW-10B	08/24/05	364.22	36.40	327.82	ND
MW-10B	12/21/05	364.22	36.76	327.46	ND
MW-10B	05/31/06	364.07	36.31	327.76	ND
MW-10B	09/13/06	364.07	36.95	327.12	ND
MW-10B	12/22/06	364.07	37.30	326.77	ND
MW-10B	03/21/07	364.07	37.45	326.62	ND
MW-10B	06/20/07	364.07	37.62	326.45	ND
MW-10B	09/18/07	364.07	37.85	326.22	ND
MW-10B	01/02/08	364.07	37.62	326.45	ND
MW-10B	09/04/08	364.07	37.54	326.53	ND
MW-10B	03/04/09	364.07	37.32	326.75	ND
MW-10B	12/21/09	366.90	40.95	325.95	ND
MW-10B	06/29/10	366.90	40.31	326.59	ND
MW-10B	03/14/11	366.90	39.10	327.80	ND
MW-10B	09/14/11	366.90	39.64	327.26	ND
MW-10B	03/21/12	366.90	40.24	326.66	ND
MW-10B	09/06/12	366.90	40.62	326.28	ND
MW-10B	03/06/13	366.90	40.73	326.17	ND
MW-10B	11/11/13	366.90	41.25	325.65	ND
MW-10B	03/11/14	366.90	41.28	325.62	ND
MW-10B	09/11/14	366.90	41.68	325.22	ND
MW-10B	03/02/15	366.90	41.58	325.32	ND
MW-10B	10/19/15	366.90	41.93	324.97	ND
MW-10B	03/15/16	366.90	41.64	325.26	ND
MW-11	09/20/00	363.78	33.71	330.07	ND
MW-11	12/05/00	363.78	33.98	329.80	ND
MW-11	03/27/01	363.78	32.52	331.26	ND
MW-11	05/17/01	363.78	32.83	330.95	ND
MW-11	08/21/01	363.78	33.40	330.38	ND
MW-11	12/17/01	363.78	33.93	329.85	ND
MW-11	02/27/02	363.78	34.12	329.66	ND
MW-11	06/03/02	363.78	34.35	329.43	ND
MW-11	08/12/02	363.78	34.34	329.44	ND
MW-11	11/11/02	363.92	34.55	329.37	ND
MW-11	03/10/03	363.92	33.70	330.22	ND
MW-11	05/19/03	363.92	33.01	330.91	ND
MW-11	08/25/03	363.92	33.58	330.34	ND

Table 2
Groundwater Elevations
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadene Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (ft msl)	DEPTH TO WATER (ft toc)	STATIC GROUNDWATER ELEVATION (ft msl)	LIQUID PRODUCT THICKNESS (In)
MW-11	11/17/03	363.92	33.80	330.12	ND
MW-11	03/22/04	363.92	33.15	330.77	ND
MW-11	05/17/04	363.92	33.45	330.47	ND
MW-11	08/16/04	363.92	34.03	329.89	ND
MW-11	11/15/04	---	---	---	---
MW-11	03/15/05	---	---	---	---
MW-11	06/13/05	---	---	---	---
MW-11	08/24/05	---	---	---	---
MW-11	12/21/05	---	---	---	---
MW-11	05/31/06	---	---	---	---
MW-11	09/13/06	---	---	---	---
MW-11	09/04/08	367.45	37.77	329.68	ND
MW-11	03/04/09	367.45	37.55	329.90	ND
MW-11	12/21/09	367.45	38.51	328.94	ND
MW-11	06/29/10	367.45	37.78	329.67	ND
MW-11	03/14/11	367.45	36.49	330.96	ND
MW-11	09/14/11	367.45	37.05	330.40	ND
MW-11	03/21/12	367.45	37.66	329.79	ND
MW-11	09/06/12	367.45	38.12	329.33	ND
MW-11	03/06/13	367.45	38.27	329.18	ND
MW-11	11/11/13	367.45	38.85	328.60	ND
MW-11	03/11/14	367.45	38.92	328.53	ND
MW-11	09/11/14	367.45	39.37	328.08	ND
MW-11	03/02/15	367.45	39.25	328.20	ND
MW-11	10/19/15	367.45	39.58	327.87	ND
MW-11	03/15/16	367.45	39.28	328.17	ND
MW-12	09/20/00	363.55	35.17	328.38	ND
MW-12	12/05/00	363.55	35.42	328.13	ND
MW-12	03/27/01	363.55	34.07	329.48	ND
MW-12	05/17/01	363.55	34.34	329.21	ND
MW-12	08/21/01	363.55	34.83	328.72	ND
MW-12	12/17/01	363.55	35.37	328.18	ND
MW-12	02/27/02	363.55	35.53	328.02	ND
MW-12	06/03/02	363.55	35.71	327.84	ND
MW-12	08/12/02	363.55	35.69	327.86	ND
MW-12	11/11/02	363.64	35.58	328.06	ND
MW-12	03/10/03	363.64	35.14	328.50	ND
MW-12	05/19/03	363.64	34.47	329.17	ND
MW-12	08/25/03	363.64	35.02	328.62	ND
MW-12	11/17/03	363.64	35.25	328.39	ND
MW-12	03/22/04	363.64	34.60	329.04	ND
MW-12	05/17/04	363.64	34.88	328.76	ND
MW-12	08/16/04	363.64	35.43	328.21	ND

Table 2
Groundwater Elevations
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadene Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (ft msl)	DEPTH TO WATER (ft toc)	STATIC GROUNDWATER ELEVATION (ft msl)	LIQUID PRODUCT THICKNESS (In)
MW-12	11/15/04	363.64	35.05	328.59	ND
MW-12	03/15/05	363.64	31.80	331.84	ND
MW-12	06/13/05	363.64	33.36	330.28	ND
MW-12	08/24/05	363.64	33.80	329.84	ND
MW-12	12/21/05	363.64	34.29	329.35	ND
MW-12	05/31/06	363.64	33.81	329.83	ND
MW-12	09/13/06	---	---	---	---
MW-12	12/21/06	---	---	---	---
MW-12	09/04/08	365.76	37.76	328.00	ND
MW-12	03/04/09	365.76	37.51	328.25	ND
MW-12	12/21/09	365.75	38.36	327.39	ND
MW-12	06/29/10	365.75	37.83	327.92	ND
MW-12	03/14/11	365.75	36.56	329.19	ND
MW-12	09/14/11	365.75	37.17	328.58	ND
MW-12	03/21/12	365.75	37.58	328.17	ND
MW-12	09/06/12	365.75	38.03	327.72	ND
MW-12	03/06/13	365.75	38.18	327.57	ND
MW-12	11/11/13	365.75	38.72	327.03	ND
MW-12	03/11/14	365.75	38.73	327.02	ND
MW-12	09/11/14	365.75	39.11	326.64	ND
MW-12	03/02/15	365.75	39.03	326.72	ND
MW-12	10/19/15	365.75	39.42	326.33	ND
MW-12	03/15/16	365.75	39.11	326.64	ND
MW-13A	09/19/00	359.95	39.91	320.04	ND
MW-13A	12/05/00	359.95	40.14	319.81	ND
MW-13A	03/26/01	359.95	38.87	321.08	ND
MW-13A	05/16/01	359.95	39.13	320.82	ND
MW-13A	08/20/01	359.95	39.67	320.28	ND
MW-13A	12/17/01	359.95	40.10	319.85	ND
MW-13A	02/27/02	359.95	40.19	319.76	ND
MW-13A	06/03/02	359.95	40.39	319.56	ND
MW-13A	08/12/02	359.95	40.41	319.54	ND
MW-13A	11/11/02	360.06	40.47	319.59	ND
MW-13A	03/10/03	360.06	39.85	320.21	ND
MW-13A	05/19/03	360.06	---	---	---
MW-13A	08/25/03	360.06	---	---	---
MW-13A	11/17/03	360.06	39.40	320.66	ND
MW-13A	03/22/04	360.06	39.45	320.61	ND
MW-13A	05/17/04	360.06	39.68	320.38	ND
MW-13A	08/16/04	360.06	41.45	318.61	ND
MW-13A	11/15/04	360.06	39.85	320.21	ND
MW-13A	03/15/05	360.06	36.00	324.06	ND
MW-13A	06/13/05	360.06	38.40	321.66	ND

Table 2
Groundwater Elevations
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadene Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (ft msl)	DEPTH TO WATER (ft toc)	STATIC GROUNDWATER ELEVATION (ft msl)	LIQUID PRODUCT THICKNESS (In)
MW-13A	08/24/05	360.06	39.24	320.82	ND
MW-13A	12/21/05	360.06	39.66	320.40	ND
MW-13A	06/05/06	359.93	39.15	320.78	ND
MW-13A	09/13/06	359.93	39.77	320.16	ND
MW-13A	12/21/06	359.93	40.10	319.83	ND
MW-13A	03/20/07	359.93	40.24	319.69	ND
MW-13A	06/19/07	359.93	40.31	319.62	ND
MW-13A	09/18/07	359.93	40.55	319.38	ND
MW-13A	01/02/08	359.93	40.41	319.52	ND
MW-13A	09/04/08	359.93	40.26	319.67	ND
MW-13A	03/04/09	359.93	40.05	319.88	ND
MW-13A	12/21/09	359.93	40.66	319.27	ND
MW-13A	06/29/10	359.93	39.86	320.07	ND
MW-13A	03/14/11	359.93	38.99	320.94	ND
MW-13A	09/14/11	359.93	40.62	319.31	ND
MW-13A	03/21/12	359.93	40.18	319.75	ND
MW-13A	09/06/12	359.93	40.50	319.43	ND
MW-13A	03/06/13	359.93	40.59	319.34	ND
MW-13A	11/11/13	359.93	40.97	318.96	ND
MW-13A	03/11/14	359.93	40.97	318.96	ND
MW-13A	09/11/14	359.93	41.26	318.67	ND
MW-13A	03/02/15	359.93	41.21	318.72	ND
MW-13A	10/19/15	359.93	41.50	318.43	ND
MW-13A	03/15/16	359.93	41.24	318.69	ND
MW-13B	09/19/00	360.11	41.22	318.89	ND
MW-13B	12/05/00	360.11	41.54	318.57	ND
MW-13B	03/26/01	360.11	40.16	319.95	ND
MW-13B	05/16/01	360.11	40.34	319.77	ND
MW-13B	08/20/01	360.11	40.95	319.16	ND
MW-13B	12/17/01	360.11	41.46	318.65	ND
MW-13B	02/27/02	360.11	41.58	318.53	ND
MW-13B	06/03/02	360.11	41.85	318.26	ND
MW-13B	08/12/02	360.11	41.90	318.21	ND
MW-13B	11/11/02	360.27	41.96	318.31	ND
MW-13B	03/10/03	360.27	41.00	319.27	ND
MW-13B	05/19/03	360.27	---	---	---
MW-13B	08/25/03	360.27	---	---	---
MW-13B	11/17/03	360.27	40.15	320.12	ND
MW-13B	03/22/04	360.27	40.53	319.74	ND
MW-13B	05/17/04	360.27	40.76	319.51	ND
MW-13B	08/16/04	360.27	41.29	318.98	ND
MW-13B	11/15/04	360.27	41.03	319.24	ND
MW-13B	03/15/05	360.27	37.00	323.27	ND

Table 2
Groundwater Elevations
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadene Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (ft msl)	DEPTH TO WATER (ft toc)	STATIC GROUNDWATER ELEVATION (ft msl)	LIQUID PRODUCT THICKNESS (In)
MW-13B	06/13/05	360.27	39.08	321.19	ND
MW-13B	08/24/05	360.27	39.92	320.35	ND
MW-13B	12/21/05	360.27	40.45	319.82	ND
MW-13B	06/05/06	359.88	40.02	319.86	ND
MW-13B	09/13/06	359.88	40.70	319.18	ND
MW-13B	12/21/06	359.88	41.11	318.77	ND
MW-13B	03/20/07	359.88	41.35	318.53	ND
MW-13B	06/19/07	359.88	41.81	318.07	ND
MW-13B	09/18/07	359.88	41.76	318.12	ND
MW-13B	01/02/08	359.88	41.60	318.28	ND
MW-13B	09/04/08	359.88	41.44	318.44	ND
MW-13B	03/04/09	359.88	41.27	318.61	ND
MW-13B	12/21/09	359.88	42.04	317.84	ND
MW-13B	06/29/10	359.88	41.05	318.83	ND
MW-13B	03/14/11	359.88	40.01	319.87	ND
MW-13B	09/15/11	359.88	40.62	319.26	ND
MW-13B	03/21/12	359.88	41.25	318.63	ND
MW-13B	09/06/12	359.88	41.68	318.20	ND
MW-13B	03/06/13	359.88	41.82	318.06	ND
MW-13B	11/11/13	359.88	42.34	317.54	ND
MW-13B	03/11/14	359.88	42.40	317.48	ND
MW-13B	09/11/14	359.88	42.92	316.96	ND
MW-13B	03/02/15	359.88	42.75	317.13	ND
MW-13B	10/19/15	359.88	43.16	316.72	ND
MW-13B	03/15/16	359.88	42.91	316.97	ND
MW-14	11/11/02	356.67	40.79	315.88	ND
MW-14	03/10/03	356.67	---	---	---
MW-14	05/19/03	356.67	---	---	---
MW-14	08/25/03	356.67	---	---	---
MW-14	11/17/03	356.67	---	---	---
MW-14	03/22/04	356.67	---	---	---
MW-14	05/17/04	356.67	---	---	---
MW-14	08/16/04	356.67	---	---	---
MW-14	11/15/04	356.67	38.37	318.30	ND
MW-14	03/15/05	356.67	34.00	322.67	ND
MW-14	06/13/05	356.67	36.55	320.12	ND
MW-14	08/24/05	356.67	37.50	319.17	ND
MW-14	12/21/05	356.67	38.08	318.59	ND
MW-14	06/05/06	355.05	37.50	317.55	ND
MW-14	09/13/06	355.05	38.25	316.80	ND
MW-14	12/21/06	355.05	37.65	317.40	ND
MW-14	03/20/07	355.05	38.84	316.21	ND
MW-14	06/19/07	355.05	38.91	316.14	ND

Table 2
Groundwater Elevations
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadene Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (ft msl)	DEPTH TO WATER (ft toc)	STATIC GROUNDWATER ELEVATION (ft msl)	LIQUID PRODUCT THICKNESS (In)
MW-14	09/18/07	355.05	39.20	315.85	ND
MW-14	01/02/08	355.05	39.00	316.05	ND
MW-14	09/04/08	355.05	38.80	316.25	ND
MW-14	03/04/09	355.05	38.51	316.54	ND
MW-14	12/21/09	355.05	39.20	315.85	ND
MW-14	06/29/10	355.05	36.21	318.84	ND
MW-14	03/14/11	355.05	37.30	317.75	ND
MW-14	09/14/11	355.05	38.02	317.03	ND
MW-14	03/21/12	355.05	38.64	316.41	ND
MW-14	09/06/12	355.05	39.07	315.98	ND
MW-14	03/06/13	355.05	39.20	315.85	ND
MW-14	11/11/13	355.05	39.63	315.42	ND
MW-14	03/11/14	355.05	39.62	315.43	ND
MW-14	09/11/14	355.05	40.10	314.95	ND
MW-14	03/02/15	355.05	39.92	315.13	ND
MW-14	10/19/15	355.05	40.33	314.72	ND
MW-14	03/15/16	355.05	39.92	315.13	ND
MW-15	11/11/02	354.20	38.70	315.50	ND
MW-15	03/10/03	354.20	37.96	316.24	ND
MW-15	05/19/03	354.20	37.25	316.95	ND
MW-15	08/25/03	354.20	37.83	316.37	ND
MW-15	11/17/03	354.20	38.13	316.07	ND
MW-15	03/22/04	354.20	37.57	316.63	ND
MW-15	05/17/04	354.20	37.70	316.50	ND
MW-15	08/16/04	354.20	38.23	315.97	ND
MW-15	11/15/04	354.20	38.10	316.10	ND
MW-15	03/15/05	354.20	33.80	320.40	ND
MW-15	06/13/05	354.20	36.22	317.98	ND
MW-15	08/24/05	354.20	37.04	317.16	ND
MW-15	12/21/05	354.20	37.59	316.61	ND
MW-15	06/05/06	353.91	37.02	316.89	ND
MW-15	09/13/06	353.91	37.80	316.11	ND
MW-15	12/21/06	353.91	38.19	315.72	ND
MW-15	03/20/07	353.91	38.88	315.03	ND
MW-15	06/19/07	353.91	38.45	315.46	ND
MW-15	09/18/07	353.91	38.76	315.15	ND
MW-15	01/02/08	353.91	38.55	315.36	ND
MW-15	09/04/08	353.91	38.37	315.54	ND
MW-15	03/04/09	353.91	38.10	315.81	ND
MW-15	12/21/09	353.91	39.02	314.89	ND
MW-15	06/29/10	353.91	37.72	316.19	ND
MW-15	03/14/11	353.91	36.84	317.07	ND
MW-15	09/14/11	353.91	37.62	316.29	ND

Table 2
Groundwater Elevations
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadene Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (ft msl)	DEPTH TO WATER (ft toc)	STATIC GROUNDWATER ELEVATION (ft msl)	LIQUID PRODUCT THICKNESS (In)
MW-15	03/21/12	353.91	37.23	316.68	ND
MW-15	09/06/12	353.91	38.66	315.25	ND
MW-15	03/06/13	353.91	38.78	315.13	ND
MW-15	11/11/13	353.91	39.19	314.72	ND
MW-15	03/11/14	353.91	39.18	314.73	ND
MW-15	09/11/14	353.91	39.59	314.32	ND
MW-15	03/02/15	353.91	39.51	314.40	ND
MW-15	10/19/15	353.91	39.87	314.04	ND
MW-15	03/15/16	353.91	39.57	314.34	ND
MW-16A	05/31/06	364.84	34.04	330.80	ND
MW-16A	09/13/06	364.84	34.69	330.15	ND
MW-16A	12/22/06	364.84	35.15	329.69	ND
MW-16A	03/21/07	364.84	35.25	329.59	ND
MW-16A	06/20/07	364.84	35.44	329.40	ND
MW-16A	09/18/07	364.84	35.69	329.15	ND
MW-16A	01/02/08	364.84	35.45	329.39	ND
MW-16A	09/04/08	364.84	35.31	329.53	ND
MW-16A	03/04/09	364.84	35.09	329.75	ND
MW-16A	12/21/09	364.83	36.00	328.83	ND
MW-16A	06/29/10	364.83	35.35	329.48	ND
MW-16A	03/14/11	364.83	34.03	330.80	ND
MW-16A	09/14/11	364.83	34.61	330.22	ND
MW-16A	03/21/12	364.83	35.22	329.61	ND
MW-16A	09/06/12	364.83	35.67	329.16	ND
MW-16A	03/06/13	364.83	35.79	329.04	ND
MW-16A	11/11/13	364.83	36.38	328.45	ND
MW-16A	03/11/14	364.83	36.43	328.40	ND
MW-16A	09/11/14	364.83	36.89	327.94	ND
MW-16A	03/02/15	364.83	36.75	328.08	ND
MW-16A	10/19/15	364.83	37.10	327.73	ND
MW-16A	03/15/16	364.83	36.79	328.04	ND
MW-16B	05/31/06	365.61	34.70	330.91	ND
MW-16B	09/13/06	365.61	35.35	330.26	ND
MW-16B	12/22/06	365.61	35.80	329.81	ND
MW-16B	03/21/07	365.61	35.95	329.66	ND
MW-16B	06/20/07	365.61	36.15	329.46	ND
MW-16B	09/18/07	365.61	36.38	329.23	ND
MW-16B	01/02/08	365.61	36.15	329.46	ND
MW-16B	09/04/08	365.61	36.00	329.61	ND
MW-16B	03/04/09	365.61	35.80	329.81	ND
MW-16B	12/21/09	365.61	36.77	328.84	ND
MW-16B	06/29/10	365.61	36.01	329.60	ND

Table 2
Groundwater Elevations
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadene Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (ft msl)	DEPTH TO WATER (ft toc)	STATIC GROUNDWATER ELEVATION (ft msl)	LIQUID PRODUCT THICKNESS (In)
MW-16B	03/14/11	365.61	34.68	330.93	ND
MW-16B	09/14/11	365.61	35.30	330.31	ND
MW-16B	03/21/12	365.61	35.93	329.68	ND
MW-16B	09/06/12	365.61	36.37	329.24	ND
MW-16B	03/06/13	365.61	36.51	329.10	ND
MW-16B	11/11/13	365.61	37.11	328.50	ND
MW-16B	03/11/14	365.61	37.18	328.43	ND
MW-16B	09/11/14	365.61	37.59	328.02	ND
MW-16B	03/02/15	365.61	37.48	328.13	ND
MW-16B	10/19/15	365.61	37.86	327.75	ND
MW-16B	03/15/16	365.61	37.52	328.09	ND
MW-16C	05/31/06	365.10	33.33	331.77	ND
MW-16C	09/13/06	365.10	34.08	331.02	ND
MW-16C	12/22/06	365.10	34.43	330.67	ND
MW-16C	03/21/07	365.10	34.66	330.44	ND
MW-16C	06/20/07	365.10	34.96	330.14	ND
MW-16C	09/18/07	365.10	35.11	329.99	ND
MW-16C	01/02/08	365.10	34.87	330.23	ND
MW-16C	09/04/08	365.10	34.75	330.35	ND
MW-16C	03/04/09	365.10	34.49	330.61	ND
MW-16C	12/21/09	365.08	35.46	329.62	ND
MW-16C	06/29/10	365.08	34.66	330.42	ND
MW-16C	03/14/11	365.08	33.26	331.82	ND
MW-16C	09/14/11	365.08	33.93	331.15	ND
MW-16C	03/21/12	365.08	34.62	330.46	ND
MW-16C	09/06/12	365.08	35.11	329.97	ND
MW-16C	03/06/13	365.08	35.22	329.86	ND
MW-16C	11/11/13	365.08	35.85	329.23	ND
MW-16C	03/11/14	365.08	35.86	329.22	ND
MW-16C	09/11/14	365.08	34.30	330.78	ND
MW-16C	03/02/15	365.08	36.17	328.91	ND
MW-16C	10/19/15	365.08	36.55	328.53	ND
MW-16C	03/15/16	365.08	36.27	328.81	ND
K-1	04/05/89	365.21	---	---	0.5 - 1.0
K-1	03/05/90	365.21	---	---	3.6
K-1	08/22/91	365.21	35.12	330.09	ND
K-1	07/21/98	365.07	33.10	331.97	ND
K-1	11/30/99	365.07	35.14	329.93	ND
K-1	03/15/00	365.07	34.18	330.89	ND
K-1	06/29/00	365.07	34.29	330.78	ND
K-1	09/20/00	365.07	34.71	330.36	ND
K-1	12/04/00	365.07	35.06	330.01	ND

Table 2
Groundwater Elevations
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadene Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (ft msl)	DEPTH TO WATER (ft toc)	STATIC GROUNDWATER ELEVATION (ft msl)	LIQUID PRODUCT THICKNESS (In)
K-1	03/26/01	365.07	33.55	331.52	ND
K-1	05/17/01	365.07	33.80	331.27	ND
K-1	08/21/01	365.07	34.42	330.65	ND
K-1	12/17/01	365.07	34.98	330.09	ND
K-1	02/27/02	365.07	35.22	329.85	ND
K-1	06/03/02	365.07	35.43	329.64	ND
K-1	08/12/02	365.07	35.42	329.65	ND
K-1	11/11/02	365.23	35.60	329.63	ND
K-1	03/10/03	365.23	34.78	330.45	ND
K-1	05/19/03	365.23	33.98	331.25	ND
K-1	08/25/03	365.23	34.60	330.63	ND
K-1	11/17/03	365.23	34.75	330.48	ND
K-1	03/22/04	365.23	34.11	331.12	ND
K-1	05/17/04	365.23	34.35	330.88	ND
K-1	08/16/04	365.23	35.06	330.17	ND
K-1	11/15/04	365.23	34.63	330.60	ND
K-1	03/15/05	365.23	31.40	333.83	ND
K-1	06/13/05	365.23	33.02	332.21	ND
K-1	08/24/05	365.23	33.76	331.47	ND
K-1	12/21/05	365.23	34.27	330.96	ND
K-1	05/31/06	365.03	33.73	331.30	ND
K-1	09/13/06	365.03	34.40	330.63	ND
K-1	12/22/06	365.03	35.45	329.58	ND
K-1	03/20/07	365.03	35.18	329.85	ND
K-1	06/19/07	365.03	35.30	329.73	ND
K-1	09/18/07	365.03	35.52	329.51	ND
K-1	01/02/08	365.03	35.30	329.73	ND
K-1	09/04/08	367.77	37.84	329.93	ND
K-1	03/04/09	367.77	37.63	330.14	ND
K-1	12/21/09	367.78	38.56	329.22	ND
K-1	06/29/10	367.78	37.81	329.97	ND
K-1	03/14/11	367.78	36.45	331.33	ND
K-1	09/14/11	367.78	37.07	330.71	ND
K-1	03/21/12	367.78	37.83	329.95	ND
K-1	09/06/12	367.78	38.26	329.52	ND
K-1	03/06/13	367.78	38.43	329.35	ND
K-1	11/11/13	367.78	38.98	328.80	ND
K-1	03/11/14	367.78	39.06	328.72	ND
K-1	09/11/14	367.78	39.54	328.24	ND
K-1	03/02/15	367.78	39.42	328.36	ND
K-1	10/19/15	367.78	39.80	327.98	ND
K-1	03/15/16	367.78	39.51	328.27	ND
K-2	04/05/89	366.01	---	---	0.5 - 1.0

Table 2
Groundwater Elevations
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadene Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (ft msl)	DEPTH TO WATER (ft toc)	STATIC GROUNDWATER ELEVATION (ft msl)	LIQUID PRODUCT THICKNESS (In)
K-2	03/05/90	366.01	---	---	<0.1
K-2	08/22/91	366.01	35.97	330.04	ND
K-2	07/21/98	365.60	33.71	331.89	ND
K-2	11/30/99	365.60	35.79	329.81	ND
K-2	03/15/00	365.60	34.80	330.80	ND
K-2	06/29/00	365.60	34.93	330.67	ND
K-2	09/20/00	365.60	35.37	330.23	ND
K-2	12/04/00	365.60	35.65	329.95	ND
K-2	03/26/01	365.60	34.14	331.46	ND
K-2	05/17/01	365.60	34.41	331.19	ND
K-2	08/21/01	365.60	35.01	330.59	ND
K-2	12/17/01	365.60	35.62	329.98	ND
K-2	02/27/02	365.60	35.77	329.83	ND
K-2	06/03/02	365.60	36.06	329.54	ND
K-2	08/12/02	365.60	36.05	329.55	ND
K-2	11/11/02	365.70	36.27	329.43	ND
K-2	03/10/03	365.70	35.41	330.29	ND
K-2	05/19/03	365.70	34.67	331.03	ND
K-2	08/25/03	365.70	35.23	330.47	ND
K-2	11/17/03	365.70	35.46	330.24	ND
K-2	03/22/04	365.70	34.50	331.20	ND
K-2	05/17/04	365.70	35.10	330.60	ND
K-2	08/16/04	365.70	35.70	330.00	ND
K-2	11/15/04	365.70	35.35	330.35	ND
K-2	03/15/05	365.70	32.10	333.60	ND
K-2	06/13/05	365.70	33.70	332.00	ND
K-2	08/24/05	365.70	34.39	331.31	ND
K-2	12/21/05	365.70	34.90	330.80	ND
K-2	05/31/06	365.53	34.32	331.21	ND
K-2	09/13/06	365.53	35.08	330.45	ND
K-2	12/22/06	365.53	34.80	330.73	ND
K-2	03/20/07	365.53	35.77	329.76	ND
K-2	06/19/07	365.53	35.95	329.58	ND
K-2	09/18/07	365.53	38.14	327.39	ND
K-2	01/02/08	365.53	35.90	329.63	ND
K-2	07/28/08	---	---	---	---
K-3	07/21/98	365.28	33.52	331.76	ND
K-3	11/30/99	365.28	35.56	329.72	ND
K-3	03/15/00	365.29	34.61	330.68	ND
K-3	06/29/00	365.28	34.74	330.54	ND
K-3	09/20/00	365.28	35.18	330.10	ND
K-3	12/04/00	365.28	35.48	329.80	ND
K-3	03/26/01	365.28	34.00	331.28	ND

Table 2
Groundwater Elevations
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadene Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (ft msl)	DEPTH TO WATER (ft toc)	STATIC GROUNDWATER ELEVATION (ft msl)	LIQUID PRODUCT THICKNESS (In)
K-3	05/17/01	365.28	34.00	331.28	ND
K-3	08/21/01	365.28	34.82	330.46	ND
K-3	12/17/01	365.28	35.39	329.89	ND
K-3	02/27/02	365.28	35.61	329.67	ND
K-3	06/03/02	365.28	35.82	329.46	ND
K-3	08/12/02	365.28	35.83	329.45	ND
K-3	11/11/02	365.41	35.95	329.46	ND
K-3	03/10/03	365.41	35.15	330.26	ND
K-3	05/19/03	365.41	34.44	330.97	ND
K-3	08/25/03	365.41	---	---	---
K-3	11/17/03	365.41	35.25	330.16	ND
K-3	03/22/04	365.41	34.60	330.81	ND
K-3	05/17/04	365.41	34.88	330.53	ND
K-3	08/16/04	365.41	35.50	329.91	ND
K-3	11/15/04	365.41	35.12	330.29	ND
K-3	03/15/05	365.41	32.00	333.41	ND
K-3	06/13/05	365.41	33.53	331.88	ND
K-3	08/24/05	365.41	34.19	331.22	ND
K-3	12/21/05	364.80	---	---	---
K-3	09/04/08	364.80	---	---	---
K-3	03/04/09	364.80	---	---	---
K-3	12/18/09	---	---	---	---
OSMW-3	12/21/09	356.72	---	---	---
OSMW-17	12/21/09	357.46	---	---	---

NOTES:

ft msl	Feet as referenced to mean sea level
ft toc	Feet below top-of-casing
in	inches
<	LNAPL detected below indicated thickness
---	Well not monitored

Table 3
Groundwater Monitoring Well Sampling Information
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadene Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Monitoring Well Sampling Location	Sampling Order	Analysis Method	QA/QC Samples
MW-16C	1	VOCs by 8260B	
K-1	2	VOCs by 8260B	
MW-16B	3	VOCs by 8260B	FB-1
MW-10B	4	VOCs by 8260B	DUP-1
MW-9A	5	VOCs by 8260B	
MW-7	6	VOCs by 8260B	
MW-10A	7	VOCs by 8260B	
MW-3	8	VOCs by 8260B	
MW-12	9	VOCs by 8260B	
MW-11	10	VOCs by 8260B	
MW-16A	11	VOCs by 8260B	
MW-13A	12	VOCs by 8260B	
MW-13B	13	VOCs by 8260B	DUP-2
MW-14	14	VOCs by 8260B	
MW-15	15	VOCs by 8260B	
	TOTAL	**15**	

Notes:

DUP	Duplicate
Equip Blnk	Equipment Blank
FB	Field Blank
QA/QC	Quality Assuance/Quality Control
VOCs	Volatile Organic Compounds

Table 4
Groundwater Quality Parameters
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Well Id	Date	pH	Temperature (Degrees Celcius)	Dissolved Oxygen (mg/L)	Specific Conductivity (S/M)	Turbidity (NTU)	ORP (mV)
MW-2	12/21/05	7.23	21.7	4.90	0.150	670	157
MW-2	05/31/06	6.84	20	1.37	9.99†	0.0	104
MW-2	09/14/06	6.73	22.1	3.95	0.125	9.0	139
MW-2	12/22/06	6.57	21.1	6.64	0.155	0.0	104
MW-2	03/20/07	6.37	19.6	6.76	0.165	0.0**	147
MW-2	06/19/07	6.88	20.7	5.48	0.144	0.0	191
MW-2	09/19/07	6.50	22.1	5.85	0.150	10.0	143
MW-2	01/02/08	6.80	22.2	4.80	0.160	42.0	137
MW-2	09/05/08	NR	NR	NR	NR	NR	NR
MW-2	03/05/09	6.78	20.9	4.95	0.142	1.0	-10.0
MW-2	12/22/09	NR	NR	NR	NR	NR	NR
MW-2	06/29/10	6.85	21.5	4.74	0.136	0.0	64.1
MW-2	03/17/11	7.67	22.2	5.01	0.132	15.3	279
MW-2	09/14/11	7.58	23.2	4.45	0.147	10.4	476
MW-2	03/23/12	6.82	21.7	4.26	0.114	17.9	317
MW-2	09/06/12	7.05	22.3	1.78	0.094	20.5	234
MW-2	03/06/13	7.92	21.2	2.44	0.073	19.3	250
MW-2	11/11/13	7.30	21.7	1.69	0.105	20.2	247
MW-2	03/11/14	7.30	20.7	1.37	0.079	17.5	249
MW-3	12/21/05	7.18	20.3	5.50	0.130	990	152
MW-3	05/31/06	6.84	20.6	1.28	0.164	71.0	-146
MW-3	09/14/06	6.71	22.2	3.95	0.124	0.0	138
MW-3	12/28/06	NR	NR	NR	NR	NR	NR
MW-3	03/21/07	6.50	18.7	4.51	0.162	0.0**	107
MW-3	06/20/07	6.80	21.4	3.18	0.152	0.0	139
MW-3	09/19/07	6.52	22.8	6.36	0.160	0.0	138
MW-3	01/03/08	6.60	19.7	5.80	0.150	94.0	82.0
MW-3	09/05/08	6.80	23.3	4.20	0.143	4.0	139
MW-3	03/05/09	6.79	18.6	4.80	0.143	1.0	29.0
MW-3	12/22/09	6.70	19.8	4.70	0.144	2.0	-64.6
MW-3	06/29/10	6.79	21.9	4.62	0.133	1.0	67.0
MW-3	03/17/11	7.45	21.2	4.86	0.126	10.3	274
MW-3	09/15/11	7.57	23.2	4.07	0.144	8.2	240
MW-3	03/23/12	6.69	22.1	3.57	0.104	54.5	318
MW-3	09/06/12	6.92	28.5	1.72	0.125	21.1	254
MW-3	03/07/13	7.22	19.7	1.93	0.067	19.7	300
MW-3	11/12/13	6.94	21.7	1.99	0.100	19.7	241
MW-3	03/12/14	7.19	23.3	1.58	0.072	18.1	271
MW-3	09/11/14	7.43	27.0	1.56	0.091	28.4	245
MW-3	03/02/15	7.07	22.4	1.89	0.138	23.9	156
MW-3	10/19/15	7.43	24.2	1.14	0.136	29.4	197
MW-3	03/15/16	6.75	21.4	1.74	0.132	22.2	215
MW-7	12/22/05	6.94	22.5	4.10	0.140	990	-35.0
MW-7	05/31/06	6.71	21.0	0.910	9.99†	0.0	21.0
MW-7	09/15/06	6.56	21.3	2.91	0.125	0.0	37.0
MW-7	12/22/06	7.88	21.7	5.80	0.159	0.0	-16.0
MW-7	03/21/07	7.27	21.0	4.26	0.151	0.0**	-20.0
MW-7	06/20/07	6.99	21.2	3.20	0.152	0.0	-9.0
MW-7	09/19/07	6.55	21.5	5.20	0.160	0.0	44.0
MW-7	01/03/08	6.70	23.0	4.20	0.150	84.0	-70.0
MW-7	09/04/08	6.80	22.2	3.89	0.144	2.0	110

Table 4
Groundwater Quality Parameters
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Well Id	Date	pH	Temperature (Degrees Celcius)	Dissolved Oxygen (mg/L)	Specific Conductivity (S/M)	Turbidity (NTU)	ORP (mV)
MW-7	03/05/09	6.77	22.0	3.70	0.147	1.0	-34.6
MW-7	12/21/09	6.40	22.4	3.90	0.147	8.0	-62.1
MW-7	06/29/10	6.73	21.5	3.81	0.135	2.0	110
MW-7	03/15/11	7.39	23.8	3.50	0.140	14.1	229
MW-7	09/15/11	7.51	20.1	3.20	0.154	12.4	239
MW-7	03/21/12	7.36	22.8	3.20	0.100	20.1	288
MW-7	09/06/12	7.09	22.6	1.96	0.098	15.7	233
MW-7	03/06/13	7.22	19.7	1.47	0.069	19.9	161
MW-7	11/11/13	7.06	20.1	2.14	0.089	18.9	285
MW-7	03/11/14	7.24	23.2	1.19	0.094	16.8	242
MW-7	09/11/14	8.07	26.4	1.74	0.726	23.1	243
MW-7	03/02/15	7.29	22.1	1.49	0.107	25.1	232
MW-7	10/19/15	7.90	19.3	1.19	0.129	29.6	159
MW-7	03/15/16	7.13	22.5	2.08	0.129	23.5	225
MW-8A	12/21/05	6.81	21.1	5.10	0.140	350	193
MW-8A	06/05/06	6.88	21.7	4.01	2.370	0.0	123
MW-8A	09/14/06	6.66	21.8	3.33	0.127	0.0	137
MW-8A	12/21/06	7.80	20.4	6.75	0.160	0.0	198
MW-8A	03/20/07	6.48	20.6	6.87	0.183	0.0**	117
MW-8A	06/19/07	6.93	21.9	5.08	0.151	38.2	167
MW-8A	09/18/07	6.46	22.3	9.34	0.160	9.0	125
MW-8A	01/02/08	6.80	21.2	4.60	0.160	73.0	149
MW-8A	09/05/08	NR	NR	NR	NR	NR	NR
MW-8A	03/05/09	6.84	20.9	5.08	0.147	2.0	9.7
MW-8A	12/22/09	NR	NR	NR	NR	NR	NR
MW-8A	06/29/10	6.82	22.1	5.30	0.138	1.0	80.1
MW-8A	03/15/11	7.42	24.2	3.82	0.130	17.8	217
MW-8A	09/15/11	7.57	18.6	3.05	0.147	11.2	229
MW-8A	03/22/12	6.87	24.1	3.27	0.125	9.2	303
MW-8A	09/07/12	7.03	26.5	1.71	3.410	21.9	266
MW-8A	03/06/13	7.68	21.0	2.69	0.074	17.6	235
MW-8A	11/12/13	7.06	18.9	1.84	0.098	15.6	254
MW-8A	03/12/14	7.12	20.4	1.49	0.073	20.8	286
MW-9A	12/22/05	7.26	22.1	0.500	0.140	-10.0	-259
MW-9A	05/31/06	6.79	21.3	0.00	0.309	0.0	-300
MW-9A	09/15/06	6.72	21.2	0.00	0.117	0.0	200
MW-9A	12/22/06	NR	NR	NR	NR	NR	NR
MW-9A	03/21/07	8.65	21.2	0.420	0.163	0.0**	-334
MW-9A	06/20/07	7.04	21.4	0.130	0.145	0.0	-283
MW-9A	09/19/07	6.67	21.3	3.61	0.150	0.0	-334
MW-9A	01/03/08	6.80	22.3	2.50	0.150	95.0	-309
MW-9A	09/05/08	6.80	22.2	0.350	0.143	9.0	-176
MW-9A	03/04/09	6.74	21.9	0.300	0.140	5.0	-139
MW-9A	12/22/09	6.70	22.0	0.670	0.146	5.0	-301
MW-9A	06/29/10	6.93	21.8	0.320	0.135	6.0	-300
MW-9A	03/15/11	7.39	23.0	1.29	0.131	17.5	-84.0
MW-9A	09/15/11	7.46	20.0	1.04	0.149	12.5	-109
MW-9A	03/21/12	6.94	22.4	1.18	0.115	22.1	-137
MW-9A	09/06/12	7.22	24.6	1.01	0.106	20.5	-23.0
MW-9A	03/06/13	7.40	21.2	0.910	0.065	21.6	-88.0
MW-9A	11/12/13	7.12	15.9	0.770	0.071	21.4	-28.0

Table 4
Groundwater Quality Parameters
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Well Id	Date	pH	Temperature (Degrees Celcius)	Dissolved Oxygen (mg/L)	Specific Conductivity (S/M)	Turbidity (NTU)	ORP (mV)
MW-9A	03/11/14	7.09	22.6	0.470	0.084	16.6	42.0
MW-9A	03/03/15	7.21	24.1	0.590	0.103	28.1	4.0
MW-9A	03/15/16	7.12	22.3	0.770	0.128	20.9	33.0
MW-9B	12/22/05	7.37	21.9	2.20	0.140	990	-19.0
MW-9B	05/31/06	6.89	21.3	0.390	9.99†	0.0	42.0
MW-9B	09/15/06	6.69	21.1	1.22	0.127	0.0	114
MW-9B	12/22/06	NR	NR	NR	NR	NR	NR
MW-9B	03/21/07	7.99	20.9	0.230	0.176	0.0**	-307
MW-9B	06/20/07	6.99	21.6	9.13	0.000	63.1	3.0
MW-9B	09/19/07	6.70	21.2	5.40	0.150	0.0	-121
MW-9B	01/03/08	6.80	21.9	2.80	0.150	87.0	-150
MW-9B	09/04/08	6.90	22.0	1.94	0.139	2.0	64.7
MW-9B	03/04/09	6.71	21.3	1.59	0.140	3.0	-2.2
MW-9B	12/22/09	6.60	21.7	1.76	0.147	3.0	15.6
MW-9B	06/29/10	6.94	21.6	1.64	0.138	1.0	-214
MW-9B	03/15/11	7.56	24.4	2.61	0.134	12.7	135
MW-9B	09/15/11	7.56	20.7	2.55	0.148	14.0	103
MW-9B	03/21/12	7.39	22.7	2.44	0.100	25.2	280
MW-9B	09/06/12	7.24	23.0	1.21	0.108	23.0	175
MW-9B	03/06/13	7.34	21.8	1.58	0.074	17.3	221
MW-9B	11/12/13	7.10	17.4	2.18	0.080	20.3	308
MW-9B	03/11/14	7.21	22.2	0.870	0.083	24.0	265
MW-9B	03/03/15	7.14	22.8	1.85	0.125	25.4	206
MW-10A	12/22/05	7.18	21.8	0.200	0.130	-10.0	-328
MW-10A	05/31/06	6.81	21.4	0.0	367	0.0	-318
MW-10A	09/15/06	6.78	21.2	0.0	0.116	0.0	-343
MW-10A	12/22/06	NR	NR	NR	NR	NR	NR
MW-10A	03/21/07	8.06	21.0	0.450	0.163	0.0**	-339
MW-10A	06/20/07	6.72	21.5	0.0	0.142	0.0	-216
MW-10A	09/19/07	6.59	21.6	6.67	0.000	9.0	7.0
MW-10A	01/03/08	6.60	22.2	3.20	0.150	86.0	-220
MW-10A	09/05/08	6.80	22.2	0.310	0.140	2.0	-143
MW-10A	03/04/09	6.51	21.6	0.220	0.139	3.0	-94.5
MW-10A	12/22/09	6.80	21.8	0.260	0.143	2.0	-308
MW-10A	06/29/10	6.90	21.9	0.140	0.128	3.0	-204
MW-10A	03/15/11	7.45	20.6	2.06	0.121	15.4	24.0
MW-10A	09/14/11	7.81	22.9	2.17	0.139	10.6	34.0
MW-10A	03/21/12	6.90	22.4	2.11	0.111	18.4	57.0
MW-10A	09/06/12	7.08	30.7	0.680	0.122	22.7	90.0
MW-10A	03/06/13	7.16	22.7	1.97	0.072	19.5	57.0
MW-10A	11/11/13	7.06	18.5	2.07	0.086	23.6	170
MW-10A	03/11/14	7.18	22.9	0.820	0.083	16.5	153
MW-10A	09/11/14	8.19	25.8	1.55	0.089	28.5	251
MW-10A	03/03/15	7.18	22.2	0.890	0.137	17.8	104
MW-10A	10/19/15	7.86	21.1	0.720	0.130	27.6	-169
MW-10A	03/15/16	6.74	22.2	1.07	0.100	29.0	128
MW-10B	12/22/05	7.40	21.6	2.50	0.150	-10.0	-255
MW-10B	05/31/06	7.20	21.1	0.00	0.134	0.0	-277
MW-10B	09/15/06	7.05	21.0	0.210	0.131	0.0	-250
MW-10B	12/22/06	NR	NR	NR	NR	NR	NR

Table 4
Groundwater Quality Parameters
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Well Id	Date	pH	Temperature (Degrees Celcius)	Dissolved Oxygen (mg/L)	Specific Conductivity (S/M)	Turbidity (NTU)	ORP (mV)
MW-10B	03/21/07	7.58	20.7	1.45	0.169	0.0**	-248
MW-10B	06/20/07	7.60	21.5	3.54	0.138	0.0	76.0
MW-10B	09/19/07	6.82	21.1	4.66	0.160	0.0	-65.0
MW-10B	01/03/08	6.90	21.9	2.30	0.160	54.0	17.0
MW-10B	09/05/08	7.10	21.9	0.550	0.145	3.0	-28.7
MW-10B	03/04/09	6.73	21.1	0.600	0.146	5.0	44.6
MW-10B	12/22/09	6.90	21.6	0.590	0.153	10.0	-248
MW-10B	06/29/10	7.08	21.5	0.380	0.140	1.0	-43.7
MW-10B	09/14/11	7.68	22.7	1.80	0.145	11.2	268
MW-10B	03/21/12	7.07	21.2	2.02	0.124	16.6	262
MW-10B	09/06/12	7.34	31.5	0.980	0.143	33.8	249
MW-10B	03/06/13	7.10	22.2	1.11	0.089	20.7	210
MW-10B	11/11/13	7.14	19.2	2.23	0.102	14.9	216
MW-10B	03/11/14	7.32	24.2	0.720	0.102	14.2	202
MW-10B	03/03/15	7.22	23.6	1.89	0.141	31.2	202
MW-10B	03/15/16	7.16	22.1	1.85	0.128	27.6	198
MW-11	09/05/08	6.80	21.3	4.36	0.142	15.0	128
MW-11	03/04/09	6.42	21.4	4.31	0.139	49.0	-7.3
MW-11	12/22/09	6.60	22.1	4.27	0.144	101	-72.1
MW-11	06/29/10	6.79	20.2	5.07	0.129	17.0	75.1
MW-11	03/17/11	7.38	23.1	4.30	0.134	72.6	277
MW-11	09/15/11	7.41	22.7	3.15	0.158	31.5	208
MW-11	03/23/12	6.89	19.7	2.61	0.116	29.6	305
MW-11	09/06/12	6.98	26.5	2.04	0.110	75.7	254
MW-11	03/07/13	7.36	18.6	1.60	0.067	15.1	296
MW-11	11/11/13	7.00	21.9	2.14	0.099	22.2	249
MW-11	03/12/14	7.10	25.0	1.54	0.101	23.2	256
MW-11	09/11/14	7.57	26.6	1.69	0.077	26.9	285
MW-11	03/02/15	7.06	22.0	1.83	0.145	21.8	210
MW-11	10/19/15	7.36	21.9	1.30	0.127	34.1	230
MW-11	03/15/16	6.66	22.7	1.56	0.122	24.2	179
MW-12	12/21/05	6.81	21.6	4.50	0.130	360	69.0
MW-12	05/31/06	6.64	19.3	1.60	0.141	999	-212
MW-12	09/05/08	6.80	23.9	3.05	0.142	2.0	31.5
MW-12	03/04/09	6.64	18.7	3.74	0.138	5.0	-16.5
MW-12	12/22/09	6.70	20.7	3.90	0.143	6.0	-44.1
MW-12	06/29/10	6.80	20.8	2.67	0.130	75.0	-127
MW-12	03/15/11	7.32	23.2	2.62	0.132	25.6	150
MW-12	09/15/11	7.20	20.4	2.51	0.146	30.1	109
MW-12	03/22/12	6.69	22.9	2.53	0.117	147	311
MW-12	09/06/12	7.06	25.7	1.76	0.110	476	220
MW-12	03/06/13	6.86	18.5	2.51	0.067	18.8	206
MW-12	11/12/13	6.98	21.8	1.48	0.102	25.4	224
MW-12	03/12/14	7.04	23.1	1.83	0.081	21.9	260
MW-12	09/11/14	8.19	24.3	1.76	0.088	28.3	276
MW-12	03/03/15	7.22	23.2	1.97	0.111	176	244
MW-12	10/19/15	8.23	21.0	0.810	0.142	28.1	251
MW-12	03/15/16	6.66	22.4	1.55	0.145	130	222
MW-13A	12/21/05	6.66	21.9	1.30	0.140	18.0	181
MW-13A	06/05/06	6.66	21.5	0.220	9.99†	0.0	125

Table 4
Groundwater Quality Parameters
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Well Id	Date	pH	Temperature (Degrees Celcius)	Dissolved Oxygen (mg/L)	Specific Conductivity (S/M)	Turbidity (NTU)	ORP (mV)
MW-13A	09/14/06	7.71	20.8	5.54	0.121	0.0	NM
MW-13A	12/21/06	7.87	21.0	4.18	0.161	205	-242
MW-13A	03/20/07	6.71	21.1	2.92	0.178	0.0**	92.0
MW-13A	06/19/07	6.68	21.6	0.980	0.151	0.0	187
MW-13A	09/18/07	6.39	21.5	7.57	0.150	43.0	142
MW-13A	01/02/08	6.70	22.3	2.30	0.160	73.0	125
MW-13A	09/04/08	6.60	22.2	1.49	0.143	2.0	40.9
MW-13A	03/05/09	6.69	21.8	1.09	0.148	2.0	-14.4
MW-13A	12/21/09	6.50	22.1	1.85	0.150	4.0	-88.1
MW-13A	06/29/10	6.66	21.9	0.550	0.143	3.0	106
MW-13A	03/14/11	7.18	21.3	1.21	0.147	9.2	78.0
MW-13A	09/14/11	7.24	22.3	1.27	0.141	6.1	84.0
MW-13A	03/22/12	6.83	23.3	1.38	0.124	24.4	284
MW-13A	09/06/12	6.94	29.5	1.08	0.121	21.5	259
MW-13A	03/07/13	6.94	19.0	1.26	0.077	22.5	221
MW-13A	11/12/13	6.90	17.5	2.00	0.086	19.1	289
MW-13A	03/12/14	7.04	19.5	0.940	0.076	24.0	286
MW-13A	09/12/14	7.21	22.2	1.54	0.073	28.6	310
MW-13A	03/03/15	7.25	23.8	1.42	0.164	42.5	218
MW-13A	10/20/15	7.27	24.4	1.14	0.042	26.2	108
MW-13A	03/16/16	7.22	19.7	1.44	0.188	23.5	252
MW-13B	12/21/05	7.30	21.5	3.40	0.140	-10.0	154
MW-13B	06/05/06	6.96	21.1	0.470	9.99†	0.0	113
MW-13B	09/14/06	7.97	20.8	5.66	0.124	0.0	NM
MW-13B	12/21/06	7.89	21.1	3.96	0.243	0.0	-85.0
MW-13B	03/20/07	6.62	20.8	3.06	0.170	0.0**	105
MW-13B	06/19/07	7.09	21.4	1.09	0.145	0.0	181
MW-13B	09/18/07	6.62	21.2	7.34	0.140	1.0	126
MW-13B	01/02/08	6.90	21.9	2.80	0.150	71.0	155
MW-13B	09/04/08	6.90	22.0	2.37	0.139	3.0	74.2
MW-13B	03/05/09	6.68	21.4	1.98	0.144	5.0	-12.4
MW-13B	12/21/09	6.60	21.6	2.84	0.147	4.0	-11.2
MW-13B	06/29/10	6.87	21.5	2.05	0.136	1.0	107
MW-13B	03/15/11	7.46	19.3	1.45	0.129	15.9	248
MW-13B	09/14/11	7.67	22.3	1.57	0.129	13.5	195
MW-13B	03/22/12	7.11	22.4	1.47	0.132	9.1	287
MW-13B	09/06/12	7.10	31.4	1.44	0.147	22.4	248
MW-13B	03/07/13	6.94	18.5	1.50	0.069	19.9	144
MW-13B	11/12/13	7.05	18.1	1.48	0.082	25.6	299
MW-13B	03/12/14	7.12	19.7	0.920	0.071	18.4	286
MW-13B	09/12/14	7.74	21.7	1.48	0.088	23.8	304
MW-13B	03/03/15	7.27	23.5	1.92	0.128	26.0	239
MW-13B	10/20/15	7.36	24.9	0.990	0.066	24.2	98.0
MW-13B	03/16/16	7.53	20.4	2.02	0.126	18.5	254
MW-14	12/21/05	7.05	21.7	4.40	0.140	990	181
MW-14	06/05/06	6.67	21.3	0.620	9.99†	150	132
MW-14	09/14/06	8.05	19.8	6.33	0.117	12.0	NM
MW-14	12/21/06	7.84	21.1	5.65	0.151	309	33.0
MW-14	03/20/07	6.57	21.0	6.44	0.173	0.0**	122
MW-14	06/19/07	6.12	21.8	8.15	0.000	71.3	216
MW-14	09/18/07	6.47	21.3	5.50	0.150	85.0	147

Table 4
Groundwater Quality Parameters
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Well Id	Date	pH	Temperature (Degrees Celcius)	Dissolved Oxygen (mg/L)	Specific Conductivity (S/M)	Turbidity (NTU)	ORP (mV)
MW-14	01/02/08	6.70	22.1	3.20	0.160	400	147
MW-14	09/04/08	6.70	23.0	4.01	0.143	176	208
MW-14	03/05/09	6.75	20.6	4.40	0.192	93.0	-4.0
MW-14	12/21/09	6.50	21.8	3.56	0.149	104	90.1
MW-14	06/29/10	6.66	22.0	1.45	0.137	124	151
MW-14	03/14/11	7.39	24.1	1.30	0.141	14.3	81.0
MW-14	09/14/11	7.28	19.9	1.43	0.128	15.5	73.0
MW-14	03/21/12	7.21	22.5	1.45	0.116	20.6	280
MW-14	09/07/12	7.09	25.1	1.80	0.106	24.5	267
MW-14	03/07/13	6.94	19.2	1.80	0.074	15.4	264
MW-14	11/12/13	6.86	18.2	1.55	0.090	777	211
MW-14	03/12/14	7.03	18.4	1.02	0.070	21.5	290
MW-14	09/12/14	7.25	22.2	1.84	0.065	25.8	277
MW-14	03/03/15	7.36	23.5	1.64	0.131	83.3	215
MW-14	10/20/15	7.24	24.1	1.16	0.042	32.9	111
MW-14	03/16/16	7.08	21.1	1.66	0.124	112	204
MW-15	12/21/05	6.76	21.5	2.10	0.130	520	206
MW-15	06/05/06	6.49	21.1	0.340	9.99[†]	50.0	152
MW-15	09/14/06	7.84	20.8	5.81	0.110	0.0	NM
MW-15	12/21/06	7.76	20.9	3.84	0.319	360	11.0
MW-15	03/20/07	6.60	20.8	2.01	0.167	21.5	115
MW-15	06/19/07	6.52	21.2	0.620	0.143	31.0	197
MW-15	09/18/07	6.38	21.1	4.79	0.150	43.0	149
MW-15	01/02/08	6.60	21.9	2.50	0.160	140	150
MW-15	09/04/08	6.60	21.8	0.930	0.136	11.0	131
MW-15	03/05/09	6.59	21.5	0.870	0.138	7.0	-18.2
MW-15	12/21/09	6.30	21.8	1.70	0.144	49.0	-93.1
MW-15	06/29/10	6.58	21.6	0.650	0.127	4.0	138
MW-15	03/14/11	7.25	22.6	1.26	0.128	5.1	99.0
MW-15	09/14/11	7.29	20.9	1.33	0.139	3.8	96.0
MW-15	03/21/12	6.91	21.8	1.19	0.111	19.5	282
MW-15	09/07/12	6.98	25.2	1.53	0.100	29.4	269
MW-15	03/07/13	7.01	19.2	1.37	0.071	19.1	297
MW-15	11/12/13	6.89	18.1	1.61	0.089	26.3	216
MW-15	03/12/14	6.95	18.3	1.05	0.066	24.0	296
MW-15	03/12/14	7.22	21.8	1.84	0.068	24.9	280
MW-15	03/03/15	7.29	24.2	1.65	0.109	52.7	242
MW-15	10/20/15	7.08	23.1	0.950	0.128	29.9	111
MW-15	03/16/16	7.00	21.0	1.82	0.136	27.1	200
MW-16A	06/05/06	6.98	20.2	7.71	0.200	120	52.0
MW-16A	09/15/06	6.97	20.7	0.00	0.162	0.0	-78.0
MW-16A	12/28/06	NR	NR	NR	NR	NR	NR
MW-16A	03/21/07	7.94	20.4	2.19	0.166	220	-105
MW-16A	06/20/07	6.51	19.9	2.82	0.153	0.0	88.0
MW-16A	09/19/07	6.51	20.9	5.28	0.160	5.0	141
MW-16A	01/03/08	6.60	22.5	4.10	0.150	94.0	38.0
MW-16A	09/05/08	6.80	21.4	2.96	0.142	9.0	58.2
MW-16A	03/05/09	6.74	21.1	3.35	0.144	9.0	-12.1
MW-16A	12/22/09	6.50	22.1	3.42	0.144	9.0	-80.2
MW-16A	06/29/10	6.73	20.2	3.13	0.129	80.0	79.1
MW-16A	03/15/11	7.36	22.0	3.48	0.130	27.6	136

Table 4
Groundwater Quality Parameters
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Well Id	Date	pH	Temperature (Degrees Celcius)	Dissolved Oxygen (mg/L)	Specific Conductivity (S/M)	Turbidity (NTU)	ORP (mV)
MW-16A	09/15/11	7.52	20.7	3.21	0.148	15.7	152
MW-16A	03/22/12	6.59	23.5	2.75	0.125	9.19	303
MW-16A	09/06/12	6.77	26.7	1.61	0.117	121	262
MW-16A	03/07/13	7.22	19.5	1.68	0.074	26.3	302
MW-16A	11/12/13	6.95	22.1	1.97	0.102	393	257
MW-16A	03/11/14	7.09	24.8	1.46	0.088	26.1	248
MW-16A	03/02/15	7.11	22.4	1.84	0.143	74.7	239
MW-16A	03/15/16	7.24	22.9	1.66	0.152	49.5	218
MW-16B	06/05/06	6.92	20.4	1.20	9.99†	139	132
MW-16B	09/15/06	6.50	20.7	0.590	0.118	0.0	-20.0
MW-16B	12/28/06	NR	NR	NR	NR	NR	NR
MW-16B	03/21/07	6.68	20.5	6.64	0.155	0.0**	106
MW-16B	06/20/07	7.03	20.2	3.37	0.142	0.0	119
MW-16B	09/19/07	6.55	20.5	7.21	0.150	23.0	147
MW-16B	01/03/08	6.70	22.2	4.10	0.150	98.0	40.0
MW-16B	09/05/08	6.90	21.2	3.53	0.141	10.0	103
MW-16B	03/05/09	6.70	21.5	3.39	0.144	2.0	-17.8
MW-16B	12/22/09	6.50	21.6	3.35	0.145	5.0	-34.1
MW-16B	06/29/10	6.82	20.8	3.89	0.139	3.0	72.0
MW-16B	03/17/11	7.54	22.3	3.49	0.141	10.6	235
MW-16B	09/15/11	7.60	22.6	1.81	0.153	7.5	194
MW-16B	03/22/12	6.76	24.8	1.80	0.111	21.3	299
MW-16B	09/06/12	6.94	27.6	1.67	0.114	24.5	242
MW-16B	03/07/13	7.36	19.7	2.05	0.074	20.5	285
MW-16B	11/12/13	7.06	19.6	2.35	0.897	23.6	242
MW-16B	03/12/14	7.14	22.8	1.96	0.084	20.3	242
MW-16B	09/11/14	7.63	26.7	1.66	0.078	29.9	281
MW-16B	03/02/15	7.11	22.1	1.86	0.155	25.3	239
MW-16B	10/19/15	7.59	21.1	1.30	0.110	24.0	207
MW-16B	03/15/16	6.77	22.3	2.00	0.131	19.6	232
MW-16C	06/05/06	7.14	20.9	0.00	9.99†	47.0	60.0
MW-16C	09/15/06	6.69	20.3	2.95	0.123	0.0	12.0
MW-16C	12/28/06	NR	NR	NR	NR	NR	NR
MW-16C	03/21/07	6.85	20.6	0.870	0.230	0.0**	69.0
MW-16C	06/20/07	7.45	20.5	0.00	0.186	15.1	7.0
MW-16C	09/19/07	6.93	20.8	5.00	0.190	11.0	75.0
MW-16C	01/03/08	7.00	21.7	2.40	0.190	61.0	-44.0
MW-16C	09/05/08	7.10	21.7	0.250	0.189	4.0	30.0
MW-16C	03/05/09	7.10	21.1	0.150	0.194	6.0	-22.8
MW-16C	12/22/09	6.70	21.2	0.240	0.195	9.0	-113
MW-16C	06/29/10	7.10	21.3	0.400	0.186	3.0	64.3
MW-16C	03/15/11	7.74	21.2	2.03	0.173	31.3	223
MW-16C	09/15/11	7.65	21.4	2.08	0.180	26.1	257
MW-16C	03/22/12	7.16	23.9	2.32	0.146	33.4	299
MW-16C	09/06/12	7.00	27.8	0.760	0.156	28.3	240
MW-16C	03/07/13	7.32	19.0	2.21	0.098	15.4	268
MW-16C	11/12/13	7.35	18.9	2.30	0.124	18.9	221
MW-16C	03/12/14	7.39	22.9	0.750	0.125	8.8	234
MW-16C	03/02/15	7.14	21.5	1.64	0.153	20.9	213
MW-16C	03/15/16	7.05	22.9	1.84	0.113	18.1	249

Table 4
Groundwater Quality Parameters
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Well Id	Date	pH	Temperature (Degrees Celcius)	Dissolved Oxygen (mg/L)	Specific Conductivity (S/M)	Turbidity (NTU)	ORP (mV)
K-1	12/21/05	7.79	19.0	6.2*	0.140	510	81.0
K-1	05/31/06	7.27	21.0	2.03	9.99†	8.0	-36.0
K-1	09/15/06	7.32	20.7	5.33	0.124	15.0	119
K-1	12/22/06	8.75	17.9	8.90	0.155	380	21.0
K-1	03/20/07	6.94	18.5	5.63	0.183	0.0**	63.0
K-1	06/20/07	7.32	20.5	4.57	0.151	12.0	59.0
K-1	09/19/07	7.17	20.5	6.86	0.150	3.0	94.0
K-1	01/03/08	7.30	21.3	4.80	0.150	10.0	0.0
K-1	09/05/08	6.90	22.4	4.29	0.147	7.0	112
K-1	03/05/09	6.74	21.1	4.44	0.148	8.0	-8.9
K-1	12/21/09	6.40	21.8	4.52	0.150	10.0	-63.3
K-1	06/29/10	6.81	21.6	4.80	0.138	3.0	49.0
K-1	03/17/11	7.36	24.2	4.81	0.133	26.2	174
K-1	09/15/11	7.38	22.6	3.96	0.143	19.4	115
K-1	03/23/12	6.77	21.4	3.65	0.121	69.2	212
K-1	09/06/12	6.87	26.7	1.73	0.114	20.8	256
K-1	03/06/13	6.86	19.6	3.13	0.060	46.1	189
K-1	11/12/13	7.04	17.8	1.27	0.092	20.2	186
K-1	03/11/14	7.10	22.4	1.55	0.084	21.6	286
K-1	09/11/14	7.12	24.9	1.48	0.097	22.6	205
K-1	03/02/15	7.16	21.1	1.74	0.110	40.9	240
K-1	10/19/15	7.38	22.9	0.960	0.048	24.5	223
K-1	03/15/16	6.81	23.9	1.62	0.135	66.2	246
K-2	12/21/05	7.82	21.4	6.4*	0.150	460	148
K-2	05/31/06	6.91	20.9	6.08	0.280	2.0	125
K-2	12/22/06	8.80	16.7	9.09	0.151	0.0	73.0
K-2	03/20/07	6.86	17.8	4.57	0.184	0.0**	76.0
K-2	06/19/07	7.40	20.6	5.41	0.148	0.0	104
K-2	09/19/07	7.18	19.7	6.91	0.150	4.0	135
K-2	01/03/08	7.20	21.4	5.20	0.150	160	-6.0

Notes:
E_h = standard reduction potential (calculated from ORP using method recommended by instrument manufacturer)
mV = millivolts
mg/L = milligrams per liter
NTU = nephelometric turbidity units
NM = Not Monitored
NR = No Purge Record
ORP = field measured oxidation-reduction potential (various reference electrodes)
S/M = siemens per meter
ug/cm = Beginning March 2011
Water quality parameters taken inside well with a Horiba U-22 except MW-13A, MW-13B, MW-14, MW-15, K-1 and K-2
* = Dissolved oxygen likely elevated because of air lift techniques
† = Specific conductivity instrument showing an error message
**=Turbidity meter not functioning properly

Table 5
Groundwater Analytical Results
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Monitoring Well	Date Sampled	EPA 8015M	EPA 8260B						
		TEPH (TPHd) (µg/L)	**CF (µg/L)**	**1,1-DCE (µg/L)**	**c-DCE (µg/L)**	**t-DCE (µg/L)**	**PCE (µg/L)**	**TCE (µg/L)**	**OTHER VOCs**
Cal EPA MCLs (µg/L)		210[1]	80[4]	6	6	10	5	5	See values at end of table
MW-2	7/20/98	100 U	---	1.0 U	1.0 U	1.0 U	1.6	1.4	Methylene Chloride (**8.5**) 1,1,1,2-PCA (1.2)
MW-2	11/30/99	100 U	---	1.0 U	1.0 U	1.0 U	4.08	1.26	
MW-2	3/15/00	100 U	---	1.0 U	1.0 U	1.0 U	4.8	2.2	
MW-2	6/29/00	100 U	---	1.0 U	1.0 U	1.0 U	3.3	1.4	
MW-2	9/20/00	100 U	---	1.0 U	1.0 U	1.0 U	3.5	1.4	
MW-2	12/4/00	100 U	---	1.0 U	1.0 U	1.0 U	2.5	1.0	
MW-2	3/26/01	50 U	---	0.5 U	0.5 U	0.5 U	4.5	2.3	
MW-2	5/16/01	50 U	0.5 U	0.5 U	0.5 U	0.5 U	2.9	1.3	
MW-2	8/20/01	50 U	0.5 U	0.5 U	0.5 U	0.5 U	1.6	0.5 U	
MW-2	12/17/01	50 U	0.5 U	0.5 U	0.5 U	0.5 U	2.6	0.93	
MW-2	2/27/02	50 U	0.52	0.5 U	0.5 U	0.5 U	3.1	1.3	
MW-2	6/3/02	50 U	0.5 U	0.5 U	0.65	0.5 U	3.8	2.5	
MW-2	8/12/02	50 U	0.77	0.5 U	1.0	0.5 U	3.8	2.4	
MW-2	11/12/02	50 U	0.72	0.5 U	0.82	0.5 U	0.5 U	2.0	
MW-2	3/10/03	50 U	0.70	0.5 U	0.70	0.5 U	1.2	1.9	
MW-2	5/19/03	50 U	0.70	0.5 U	0.70	0.5 U	2.0	1.2	
MW-2	8/25/03	50 U	0.79	0.5 U	0.78	0.5 U	2.0	1.0	
MW-2	11/18/03	50 U	0.74	0.5 U	0.65	0.5 U	1.7	0.94	
MW-2	3/23/04	50 U	0.52	0.5 U	0.78	0.5 U	1.3	0.85	
MW-2	5/18/04	50 U	0.63	0.5 U	0.55	0.5 U	2.0	0.89	
MW-2	8/17/04	50 U	0.55	1.0 U	0.68	0.5 U	2.3	1.2	
MW-2	11/16/04	50 U	0.86	1.0 U	0.68	0.5 U	1.9	0.89	
MW-2	3/15/05	50 U	0.58	1.0 U	0.84	0.5 U	1.8	1.4	
MW-2	6/13/05	50 U	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	
MW-2	8/24/05	50 U	0.5 U	1.0 U	0.5 U	0.5 U	0.67	0.5 U	
MW-2	12/21/05	44 U	0.46J	0.31 U	0.35 U	0.29 U	0.82J	0.30 U	
MW-2	5/31/06	48 U	1.5B	0.31 U	0.35 U	0.29 U	1.1	0.30 U	Methylene Chloride (**7.4J,B**)
MW-2	9/14/06	48 U	0.75	0.26 U	0.63 U	0.83 U	0.87J	0.31 U	
MW-2	12/22/06	48 U	0.47J	0.26 U	0.63 U	0.83 U	0.97J	0.31 U	
MW-2	3/20/07	48 U	0.43 J	0.26 U	0.63 U	0.83 U	1.7	0.31 U	
MW-2	6/19/07	48 U	0.44J	0.29 U	0.35 U	0.38 U	1.7	0.46J	
MW-2	9/19/07	48 U	0.24 U	0.29 U	0.35 U	0.38 U	1.5	0.37 U	
MW-2	1/2/08	48 U	0.69 J	0.29 U	0.35 U	0.38 U	1.1	0.37 U	
MW-2	3/5/09	48 U	0.43 J	0.40 U	0.49 U	0.40 U	1.1	0.30 U	
MW-2	6/30/10	48 U	0.38 J	0.31 U	0.49 U	0.40 U	2.2	0.36J	
MW-2	3/17/11	500 U	1.0 U	1.0 U	1.0 U	1.0 U	1.5	1.0 U	
MW-2	9/15/11	500 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	
MW-2	3/23/12	500 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1	1.0 U	
MW-2	9/6/12	500 U	1.0 U	1.0 U	1.0 U	1.0 U	1.5	1.0 U	
MW-2	3/6/13	500 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1	1.0 U	
MW-2	11/11/13	---	1.0 U	1.0 U	1.0 U	1.0 U	1.3	1.0 U	
MW-2	3/11/14	---	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	
				To Be Abandoned					
MW-3	7/21/98	160	---	50 U	5.0 U	50 U	**850**	50 U	
MW-3	11/30/99	130	---	20 U	10 U	10 U	**308**	**24.3**	
MW-3	3/15/00	100 U	---	10 U	10 U	10 U	**510**	**71**	
MW-3	6/29/00	100 U	---	2.0 U	2.0	2.0 U	**100**	**20**	
MW-3	9/20/00	100 U	---	2.0 U	3.8	2.2	**130**	**29**	
MW-3	12/5/00	100 U	---	1.0 U	1.0 U	1.0 U	**47**	**12**	
MW-3	3/27/01	**230**	---	25 U	25 U	25 U	**890**	**180**	
MW-3	5/17/01	180	2.5 U	2.5 U	**16**	2.5 U	**510**	**100**	
MW-3	8/21/01	50 U	0.5 U	0.5 U	**8.6**	0.5 U	**140**	**50**	
MW-3	12/18/01	69	2.5 U	2.5 U	**10**	2.5 U	**120**	**40**	
MW-3	2/28/02	50 U	1.7	5.0 U	5.9	2.4	**94**	**28**	

Table 5
Groundwater Analytical Results
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Monitoring Well	Date Sampled	EPA 8015M	EPA 8260B						
		TEPH (TPHd) (µg/L)	**CF (µg/L)**	**1,1-DCE (µg/L)**	**c-DCE (µg/L)**	**t-DCE (µg/L)**	**PCE (µg/L)**	**TCE (µg/L)**	**OTHER VOCs**
Cal EPA MCLs (µg/L)		210[1]	80[4]	6	6	10	5	5	See values at end of table
MW-3	6/4/02	50 U	0.5 U	0.5 U	5.6	3.3	**100**	**38**	
MW-3	8/13/02	100	1.7	0.5 U	**15**	4.5	**190**	**93**	
MW-3	11/12/02	150	2.6	2.5 U	**33**	7.2	**270**	**160**	
MW-3	3/11/03	60	2.1	1.0 U	**13**	2.8	**150**	**41**	
MW-3	5/19/03	90	2.1	1.0 U	**22**	2.8	**150**	**47**	
MW-3	8/26/03	65	2.5	0.5 U	**27**	2.5	**110**	**44**	
MW-3	11/18/03	58	0.5 U	0.5 U	**19**	2.9	**97**	2.2	
MW-3	3/23/04	160	1.7	1.0 U	**34**	5.8	**310**	**110**	
MW-3	5/18/04	66	1.8	0.5 U	**21**	1.5	**74**	**28**	
MW-3	8/17/04	59	1.7	1.0 U	**7.8**	1.4	**110**	**22**	
MW-3	11/16/04	95	2.2	1.0 U	**17**	3.2	**160**	**46**	
MW-3	3/15/05	**2300**	25 U	50 U	25 U	25 U	**5100**	**110**	
MW-3	6/13/05	**390**	2.5 U	5.0 U	**36**	2.5 U	**460**	**34**	
MW-3	8/25/05	150	2.5 U	5.0 U	**18**	2.5 U	**340**	**25**	
MW-3	12/21/05	110	1.4J	0.61 U	**15**	1.6J	**250**	**40**	
MW-3	5/31/06	150	3B	0.61 U	**38**	1.9J	**450**	**48**	
MW-3	9/14/06	48 U	1.2	0.26 U	**19**	1.7	**130**	**31**	
MW-3	12/28/06	48 U	0.98 J	0.26 U	**23**	2.2	**83**	**31**	
MW-3	3/21/07	69	1.1	0.26 U	**29**	3.0	**66**	**33**	
MW-3	6/20/07	48 U	0.79J	0.29 U	**11**	0.94J	**42**	**14**	
MW-3 (DUP-2)	6/20/07	---	0.87J	0.29 U	**12**	1.1	**44**	**15**	Ethanol (150)
MW-3	9/19/07	90	0.81 J	0.29 U	**51**	3.2	**130**	**41**	
DUP-2	9/19/07	---	0.93 J	0.29 U	**70**	4.1	**190**	**60**	
MW-3	1/3/08	50	0.76 J	0.29 U	**15**	1.3	**45**	**12**	
MW-3 DUP-2	1/3/08	---	0.82 J	0.29 U	**16**	1.2	**51**	**13**	
MW-3	9/5/08	50 U	1.0 U	1.0 U	**18**	1.8	**150**	**11**	
MW-3	3/5/09	48 U	0.96 J	0.40 U	**15**	0.87 J	**23**	**6.4**	
MW-3	12/22/09	60	0.79 J	0.40 U	**28**	3.7	**70**	**14**	
MW-3	6/30/10	48 U	0.83 J	0.31 U	**11**	0.40 U	**56**	4.9	
MW-3	3/17/11	500 U	1.0 U	1.0 U	**17**	1.1	**320**	**30**	
MW-3	9/15/11	500 U	1.0 U	1.0 U	2.5	1.0 U	**57**	3	
MW-3	3/23/12	1500 U	1.0 U	1.0 U	**15**	1.7	**97**	**9.3**	
MW-3	9/7/12	500 U	2.0 U	2.0 U	**21**	4.1	**220**	**18**	
MW-3	3/7/13	500 U	1.0 U	1.0 U	**13**	1.0 U	**46**	**5.3**	
MW-3	11/12/13	---	1.0 U	1.0 U	**49**	1.2	**140**	**10**	
MW-3	3/12/14	---	1.0 U	1.0 U	1.0 U	1.0 U	2.9	1.0 U	
MW-3	9/11/14	---	1.0 U	1.0 U	1.0 U	1.0 U	2.8	1.0 U	
MW-3	3/2/15	---	1.0 U	1.0 U	1.0 U	1.0 U	2.0	1.0 U	
MW-3	10/19/15	---	1.0 U	1.0 U	1.0 U	1.0 U	3.6	1.0 U	
MW-3	3/16/16	---	1.0 U	1.0 U	1.0 U	1.0 U	**7.4**	1.0 U	
MW-4	7/20/98	**696**	---	50 U0	**3400**	50 U0	**2500**	**1080**	
MW-4	11/30/99	**2,200**	---	20 U0	**2880**	100 U	**2360**	**1410**	
MW-4	3/15/00	100 U	---	100 U	**6600**	100 U	**3200**	**2300**	Vinyl Chloride (**200**)
MW-4	6/29/00	100 U	---	50 U	**3000**	**58**	**3500**	**1800**	
MW-4	9/20/00	**2,500**	---	50 U	**2300**	50 U	**2800**	**1900**	
MW-4	12/5/00	100 U	---	50 U	**1800**	50 U	**2300**	**1600**	
MW-4	3/27/01	**630**	---	25 U	**4500**	25 U	**1800**	**1500**	
MW-4	5/17/01	**1100**	25 U	25 U	**3000**	**70**	**3300**	**2600**	
MW-4	8/21/01	**800**	25 U	25 U	**4100**	25 U	**2800**	**2400**	
MW-4	12/18/01	**640**	25 U	25 U	**5600**	**77**	**2800**	**3200**	
MW-4	2/28/02	**1400**	25 U	25 U	**2800**	**45**	**2500**	**2600**	
MW-4	6/4/02	**1600**	0.5 U	0.5 U	**2600**	3.5	**1800**	**2400**	
MW-4	8/13/02	**2700**	25 U	25 U	**3100**	**48**	**1600**	**2300**	
MW-4	11/12/02	**1900**	25 U	25 U	**2400**	**39**	**1700**	**2700**	

Table 5
Groundwater Analytical Results
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Monitoring Well	Date Sampled	EPA 8015M	EPA 8260B						
		TEPH (TPHd) (µg/L)	**CF (µg/L)**	**1,1-DCE (µg/L)**	**c-DCE (µg/L)**	**t-DCE (µg/L)**	**PCE (µg/L)**	**TCE (µg/L)**	**OTHER VOCs**
Cal EPA MCLs (µg/L)		210[1]	80[4]	6	6	10	5	5	See values at end of table
MW-4	3/10/03	---	---	---	---	---	---	---	
MW-4	5/19/03	**1600**	25 U	25 U	**4700**	**56**	**1100**	**1400**	
MW-4	8/26/03	**1600**	25 U	25 U	**5300**	**62**	**1700**	**3500**	Vinyl Chloride (**54**)
MW-4	11/18/03	**3000**	25 U	25 U	**8000**	**99**	**1800**	**6700**	Vinyl Chloride (**66**)
MW-4	3/23/04	**3800**	50 U	50 U	**12000**	**160**	**1500**	**2100**	
MW-4	5/18/04	**3400**	50 U	50 U	**11000**	**170**	**1200**	**2100**	Vinyl Chloride (**110**)
MW-4	8/17/04	**3400**	25 U	50 U	**2500**	**33**	**670**	**2400**	
MW-4	11/16/04	**4700**	25 U	50 U	**7900**	**74**	**2400**	**5100**	Vinyl Chloride (**110**)
MW-4	3/16/05	**880**	10 U	20 U	**1500**	**15**	**140**	**570**	
MW-4	6/14/05	**1400**	25 U	50 U	**5400**	**110**	**100**	**500**	
MW-4	8/24/05	--	--	--	--	--	--	--	(Obstructed)
MW-4	12/22/05	--	--	--	--	--	--	--	(Obstructed)
MW-4	5/31/06	--	--	--	--	--	--	--	(Obstructed)
MW-4	9/15/06	--	--	--	--	--	--	--	(Obstructed)
MW-4	7/28/08	--	--	--	--	--	--	--	(Lost)
MW-7	7/20/98	100 U	---	12 U	**121**	**30**	**53**	**93**	Methylene Chloride (**57**) Vinyl Chloride (**26**)
MW-7	11/30/99	107	---	5.0 U	**51**	7	**35**	**49**	
MW-7	3/15/00	100 U	---	5.0 U	**290**	**15**	**120**	**140**	
MW-7	6/29/00	100 U	---	2.0 U	**160**	**18**	**72**	**73**	
MW-7	9/20/00	110	---	1.0 U	**89**	**12**	**65**	**72**	
MW-7	12/4/00	100 U	---	1.0 U	**52**	6.8	**44**	**49**	
MW-7	3/26/01	140	---	2.5 U	**220**	**27**	**55**	**95**	
MW-7	5/16/01	110	2.5 U	2.5 U	**260**	**26**	**66**	**87**	
MW-7	8/20/01	50 U	0.5 U	0.5 U	**140**	**15**	**44**	**60**	
MW-7	12/17/01	70	2.5 U	2.5 U	**66**	**10**	**56**	**75**	
MW-7	2/27/02	130	0.93	0.5 U	**62**	7.1	**47**	**61**	Vinyl Chloride (**3.9**)
MW-7	6/3/02	70	0.5 U	0.5 U	**80**	6.9	**49**	**69**	
MW-7	8/12/02	86	1.3	0.5 U	**82**	6.4	**48**	**63**	
MW-7	11/12/02	150	1.6	0.5 U	**72**	5.9	**47**	**68**	
MW-7	3/11/03	63	1.2	0.5 U	**130**	8.6	**50**	**59**	Vinyl Chloride (**1.6**)
MW-7	5/19/03	89	1.5	1.0 U	**180**	**12**	**27**	**41**	1,1,2,2-PCA (**1.5**)
MW-7	8/25/03	92	1.5	1.0 U	**140**	**11**	**33**	**51**	Vinyl Chloride (**13**)
MW-7	11/18/03	67	1.6	1.0 U	**99**	1.0 U	**40**	**31**	Vinyl Chloride (**6.2**)
MW-7	3/23/04	96	0.65	0.5 U	**100**	0.5 U	**32**	**38**	
MW-7	5/18/04	100	1.2	1.0 U	**130**	**12**	**34**	**44**	Vinyl Chloride (**4.3**)
MW-7	8/17/04	78	1.1	1.0 U	**74**	8.7	**38**	**46**	
MW-7	11/16/04	100	1.2	1.0 U	**87**	8.7	**39**	**58**	Vinyl Chloride (**4.3**)
MW-7	3/16/05	85	0.78	1.0 U	**82**	6.2	**25**	**32**	
MW-7	6/14/05	68	0.57	1.0 U	**36**	5.6	**18**	**25**	Vinyl Chloride (**1.6**)
MW-7	8/25/05	67	0.66	1.0 U	**36**	3.5	**24**	**24**	
MW-7	12/22/05	170	0.62J	0.31 U	**30**	2	**24**	**23**	Vinyl Chloride (0.49J)
MW-7	5/31/06	67	1.7B	0.31 U	**79**	5.6	**31**	**31**	Methylene Chloride (**6.1J,B**) Vinyl Chloride (**0.69**)
MW-7	9/15/06	48 U	0.79J	0.26 U	**44**	3.9	**16**	**17**	Vinyl Chloride (**1.6**)
MW-7	12/22/06	83	0.45J	0.26 U	**31**	1.6	**14**	**14**	1,2-Dichlorobenzene (0.21J) Vinyl Chloride (**2.7**)
MW-7	3/21/07	69	0.67 J	0.26 U	**51**	2.9	**18**	**19**	1,2-Dichlorobenzene (0.36 J) Vinyl Chloride (**2.6**)
MW-7	6/20/07	54	0.62J	0.29 U	**41**	1.9	**18**	**12**	Acetone (6.6J) Vinyl Chloride (**1.1**)
MW-7	9/19/07	48 U	0.54 J	0.29 U	**44**	1.8	**16**	**9.2**	
MW-7	1/3/08	82	0.58 J	0.29 U	**53**	1.8	**16**	**8.8**	
MW-7	9/4/08	50 U	1.0 U	1.0 U	**53**	2.5	**14**	**8.5**	Vinyl Chloride (**1.5**)

Table 5
Groundwater Analytical Results
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Monitoring Well	Date Sampled	EPA 8015M	EPA 8260B						
		TEPH (TPHd) (µg/L)	**CF (µg/L)**	**1,1-DCE (µg/L)**	**c-DCE (µg/L)**	**t-DCE (µg/L)**	**PCE (µg/L)**	**TCE (µg/L)**	**OTHER VOCs**
Cal EPA MCLs (µg/L)		210[1]	80[4]	6	6	10	5	5	See values at end of table
MW-7	3/5/09	48 U	0.56 J	0.40 U	**39**	2.5	**9.4**	**6.4**	
MW-7	12/21/09	48 U	0.40 J	0.40 U	**47**	1.8	**13**	4.9	
MW-7	6/30/10	48 U	0.46 J	0.31 U	**76**	2.6	**21**	**7.6**	Vinyl Chloride (**1.8**)
MW-7	3/15/11	500 U	1.0 U	1.0 U	**50**	2.4	**16**	4.7	
MW-7	9/15/11	500 U	1.0 U	1.0 U	**27**	1.3	**17**	4	
MW-7	3/21/12	500 U	1.0 U	1.0 U	**23**	1.3	**18**	4.3	
MW-7	9/6/12	500 U	1.0 U	1.0 U	**14**	1.0 U	**9.5**	1.8	
MW-7	3/6/13	500 U	1.0 U	1.0 U	**18**	1.0 U	**5**	1.9	
MW-7	11/11/13	---	1.0 U	1.0 U	**21**	1.0 U	**8.5**	1.9	
MW-7	3/11/14	---	1.0 U	1.0 U	**15**	1.0 U	2.2	1.0 U	
MW-7	9/11/14	---	1.0 U	1.0 U	**9.0**	1.0 U	2.3	1.0 U	
MW-7	3/2/15	---	1.0 U	1.0 U	4.2	1.0 U	2.2	1.0 U	
MW-7	10/20/15	---	1.0 U	1.0 U	2.5	1.0 U	1.8	1.0 U	
MW-7	3/15/16	---	1.0 U	1.0 U	2.2	1.0 U	2.4	1.0 U	
MW-8A	9/19/00	100 U	---	1.0 U	1.0 U	1.0 U	1.5	1.0 U	
MW-8A	12/4/00	100 U	---	1.0 U	1.0 U	1.0 U	1.0	1.0 U	
MW-8A	3/26/01	50 U	---	0.5 U	0.5 U	0.5 U	1.6	0.5 U	
MW-8A	5/16/01	50 U	1.1	0.5 U	0.5 U	0.5 U	1.6	0.5 U	
MW-8A	8/20/01	50 U	0.5 U	0.5 U	0.5 U	0.5 U	1.7	0.5 U	
MW-8A	12/17/01	50 U	1.2	0.5 U	0.5 U	0.5 U	1.6	0.5 U	
MW-8A	2/27/02	50 U	1.3	0.5 U	0.5 U	0.5 U	1.7	0.5 U	
MW-8A	6/3/02	50 U	0.5 U	0.5 U	0.5 U	0.5 U	3.2	0.86	
MW-8A	8/12/02	50 U	1.4	0.5 U	0.5 U	0.5 U	2.9	0.71	
MW-8A	11/11/02	50 U	1.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	
MW-8A	3/10/03	50 U	1.7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	
MW-8A	5/19/03	50 U	1.4	0.5 U	0.5 U	0.5 U	1.1	0.5 U	
MW-8A	8/25/03	50 U	2.0	0.5 U	0.5 U	0.5 U	2.2	0.76	
MW-8A	11/17/03	50 U	1.7	0.5 U	0.5 U	0.5 U	1.8	0.5 U	
MW-8A	3/22/04	50 U	1.1	0.5 U	0.5 U	0.5 U	0.54	0.5 U	
MW-8A	5/17/04	50 U	1.4	0.5 U	0.5 U	0.5 U	1.3	0.5 U	
MW-8A	8/16/04	50 U	1.4	1.0 U	0.5 U	0.5 U	1.5	0.5 U	
MW-8A	11/15/04	50 U	1.6	1.0 U	0.5 U	0.5 U	1.2	0.5 U	
MW-8A	3/15/05	50 U	1.1	1.0 U	0.5 U	0.5 U	0.71	0.5 U	
MW-8A	6/13/05	50 U	0.5 U	1.0 U	0.83	0.5 U	0.5 U	0.5 U	
MW-8A	8/24/05	50 U	0.92	1.0 U	0.5 U	0.5 U	0.86	0.5 U	
MW-8A	12/21/05	44 U	1.1	0.31 U	0.35 U	0.29 U	1.0	0.30 U	
MW-8A	6/5/06	48 U	1.1B	0.31 U	0.35 U	0.29 U	1.1	0.30 U	Methylene chloride (4.6J)
MW-8A	9/14/06	48 U	0.92J	0.26 U	0.63 U	0.83 U	1.4	0.31 U	Chloroethane (0.70J) Naphthalene (0.72J,B)
MW-8A	12/21/06	48 U	0.95J	0.26 U	0.63 U	0.83 U	0.78J	0.31 U	Acetone (8.8J)
MW-8A	3/20/07	48 U	0.85 J	0.26 U	0.63 U	0.83 U	1.1	0.31 U	
MW-8A	6/19/07	48 U	0.72J	0.29 U	0.35 U	0.38 U	1.1	0.37 U	
MW-8A	9/18/07	48 U	0.71 J	0.29 U	0.35 U	0.38 U	1.4	0.37 U	Methylene Chloride (**6.9** J)
MW-8A	1/2/08	48 U	0.74 J	0.29 U	0.35 U	0.38 U	0.90 J	0.37 U	
MW-8A	3/5/09	48 U	0.74 J	0.40 U	0.49 U	0.40 U	0.68 J	0.30 U	
MW-8A	6/30/10	48 U	0.72 J	0.31 U	0.49 U	0.40 U	1.5	0.30 U	
MW-8A	3/15/11	500 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1	1.0 U	
MW-8A	9/15/11	500 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	
MW-8A	3/22/12	500 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	
MW-8A	9/7/12	500 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0	1.0 U	
MW-8A	3/6/13	500 U	1.0 U	1.0 U	1.0 U	1.0 U	2.1	1.0 U	
MW-8A	11/12/13	---	1.0 U	1.0 U	1.0 U	1.0 U	1.2	1.0 U	
MW-8A	3/12/14	---	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	
To Be Abandoned									

Table 5
Groundwater Analytical Results
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Monitoring Well	Date Sampled	EPA 8015M	EPA 8260B						
		TEPH (TPHd) (µg/L)	**CF (µg/L)**	**1,1-DCE (µg/L)**	**c-DCE (µg/L)**	**t-DCE (µg/L)**	**PCE (µg/L)**	**TCE (µg/L)**	**OTHER VOCs**
Cal EPA MCLs (µg/L)		210[1]	80[4]	6	6	10	5	5	See values at end of table
MW-9A	7/20/98	100 U	---	12 U	**72**	**23**	**40**	**62**	Methylene chloride (**54**)
MW-9A	11/30/99	103	---	5.0 U	**62**	3	**46**	**52.4**	
MW-9A	3/15/00	100 U	---	10 U	**570**	**12**	**87**	**140**	
MW-9A	6/29/00	100 U	---	2.0 U	**130**	6.2	**62**	**62**	
MW-9A	9/19/00	100 U	---	1.0 U	**75**	3.6	**39**	**44**	
MW-9A	12/4/00	100 U	---	1.0 U	**55**	2.8	**35**	**36**	
MW-9A	3/26/01	130	---	2.5 U	**400**	**13**	**100**	**180**	
MW-9A	5/16/01	75	2.5 U	2.5 U	**210**	**13**	**72**	**92**	
MW-9A	8/20/01	50 U	0.5 U	0.5 U	**100**	5.2	**41**	**51**	
MW-9A	12/17/01	50 U	2.5 U	2.5 U	**100**	2.5 U	**58**	**63**	
MW-9A	2/27/02	50 U	0.75	0.5 U	**110**	2.6	**40**	**46**	
MW-9A	6/3/02	50 U	2.5 U	2.5 U	**95**	2.5 U	**32**	**38**	Acetone (7.6J)
MW-9A	8/12/02	91	2.5 U	2.5 U	**88**	3.0	**36**	**41**	
MW-9A	11/11/02	62	0.99	0.5 U	**100**	2.8	**37**	**48**	
MW-9A	3/10/03	50 U	1.0	0.5 U	**120**	3.3	**40**	**39**	
MW-9A	5/19/03	61	0.8	0.5 U	**110**	4.8	**31**	**38**	
MW-9A	8/25/03	50	1.1	0.5 U	**110**	3.8	**27**	**37**	
MW-9A	11/17/03	50 U	1.0	0.5 U	**97**	3.5	**33**	0.5 U	
MW-9A	3/22/04	67	0.63	0.5 U	**88**	3.1	**26**	**25**	
MW-9A	5/17/04	63	0.92	0.5 U	**96**	4.2	**31**	**34**	
MW-9A	8/16/04	68	0.86	1.0 U	**80**	3.0	**29**	**32**	
MW-9A	11/15/04	86	0.95	1.0 U	**86**	3.0	**25**	**28**	
MW-9A	3/16/05	50 U	0.73	1.0 U	**84**	4.4	**15**	**18**	
MW-9A	6/14/05	63	0.59	1.0 U	**65**	4.0	**9.9**	**16**	
MW-9A	8/25/05	50 U	0.55	1.0 U	**52**	2.7	**16**	**19**	
MW-9A	12/22/05	44 U	0.59J	0.31 U	**38**	1.2	**20**	**17**	
MW-9A	5/31/06	48 U	1.6B	1.0 U	**70**	2.3	**21**	**21**	Methylene chloride (**6.9J,B**) Vinyl Chloride (**0.53**)
MW-9A	9/14/06	48 U	0.52J	0.26 U	**69**	1.4	**15**	**12**	
MW-9A	12/22/06	48 U	0.54J	0.26 U	**58**	1.3	**11**	**11**	
MW-9A	3/21/07	48 U	0.45 J	0.26 U	**64**	2.1	**9.8**	**9.7**	Vinyl Chloride (**0.51**)
MW-9A	6/20/07	48 U	0.45 J	0.29 U	**64**	1.0	**14**	**8.5**	Acetone (18J)
MW-9A	9/19/07	48 U	0.36 J	0.29 U	**66**	0.85 J	**13**	**7.5**	
MW-9A	1/3/08	48 U	0.37 J	0.29 U	**56**	0.78 J	**13**	**6.2**	Carbon Disulfide (0.60 J)
MW-9A	9/5/08	50 U	1.0 U	1.0 U	**45**	1.0 U	**13**	**6**	
MW-9A	3/4/09	48 U	0.40 J	0.40 U	**53**	0.78 J	**7.1**	**6**	
MW-9A	12/22/09	48 U	0.44 J	0.40 U	**46**	4.7	**11**	4.9	
MW-9A	6/29/10	48 U	0.4	0.31 U	**73**	1.4	**13**	**5.8**	
MW-9A	3/15/11	500 U	1.0 U	1.0 U	**60**	1.2	**12**	**5.3**	
MW-9A	9/15/11	500 U	0.50 U	1.0 U	**30**	3.8	**5**	3.8	
MW-9A	3/21/12	500 U	1.0 U	1.0 U	**52**	1.0 U	3.4	3.2	
MW-9A	9/6/12	500 U	1.0 U	1.0 U	**30**	1.0 U	3.6	3.0	
MW-9A	3/6/13	500 U	1.0 U	1.0 U	**30**	1.0 U	2.1	2.5	
MW-9A	11/12/13	---	1.0 U	1.0 U	**25**	1.0 U	4.2	1.7	
MW-9A	3/11/14	---	1.0 U	1.0 U	**23**	1.0 U	2.4	1.3	
MW-9A	3/3/15	---	1.0 U	1.0 U	**13**	1.0 U	1.7	1.3	
MW-9A	3/15/16	---	1.0 U	1.0 U	**11**	1.0 U	1.6	1.2	
MW-9B	7/20/98	100 U	---	10 U	10 U	10 U	**125**	**15**	Methylene chloride (**41**)
MW-9B	11/30/99	**256**	---	25 U.0	12 U.5	12 U.5	**404**	12 U.5	
MW-9B	3/15/00	100 U	---	10 U	10 U	10 U	**550**	**15**	
MW-9B	6/29/00	100 U	---	2.5 U	2.5 U	2.5 U	**210**	**6.1**	
MW-9B	9/19/00	100 U	---	2.0 U	2.0 U	2.0 U	**100**	**5.9**	
MW-9B	12/4/00	100 U	---	1.0 U	1.0 U	1.0 U	**81**	4.4	
MW-9B	3/26/01	100 U	---	0.5 U	0.5 U	0.5 U	**140**	**7.7**	

Table 5
Groundwater Analytical Results
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Monitoring Well	Date Sampled	EPA 8015M	EPA 8260B						
		TEPH (TPHd) (µg/L)	**CF (µg/L)**	**1,1-DCE (µg/L)**	**c-DCE (µg/L)**	**t-DCE (µg/L)**	**PCE (µg/L)**	**TCE (µg/L)**	**OTHER VOCs**
Cal EPA MCLs (µg/L)		210[1]	80[4]	6	6	10	5	5	See values at end of table
MW-9B	5/16/01	50 U	0.5 U	0.5 U	0.5 U	0.5 U	**130**	**7.3**	
MW-9B	8/20/01	50 U	0.5 U	0.5 U	0.5 U	0.5 U	**67**	4.8	
MW-9B	12/17/01	50 U	0.5 U	0.5 U	0.91	0.5 U	**130**	**7.8**	
MW-9B	2/27/02	50 U	0.5 U	0.5 U	0.69	0.5 U	**85**	**6.9**	
MW-9B	6/3/02	50 U	0.5 U	0.5 U	0.58	0.5 U	**49**	**5.1**	
MW-9B	8/12/02	50 U	0.5 U	0.5 U	0.53	0.5 U	**88**	**6.9**	
MW-9B	11/11/02	50 U	0.5 U	0.5 U	0.79	5.0 U	**45**	**6.4**	
MW-9B	3/10/03	50 U	0.5 U	0.5 U	0.60	0.5 U	**36**	4.1	
MW-9B	5/19/03	50 U	0.5 U	0.5 U	0.89	0.5 U	**46**	4.6	
MW-9B	8/25/03	50 U	0.5 U	0.5 U	0.97	0.5 U	**32**	4.2	
MW-9B	11/17/03	50 U	0.5 U	0.5 U	0.97	0.5 U	**22**	3.8	
MW-9B	3/22/04	50 U	0.5 U	0.5 U	0.5 U	0.5 U	**18**	2.2	
MW-9B	5/17/04	50 U	0.5 U	0.5 U	0.84	0.5 U	**15**	2.4	
MW-9B	8/16/04	50 U	0.5 U	0.5 U	1.0 U	0.5 U	**5.4**	1.3	
MW-9B	11/15/04	50 U	0.5 U	1.0 U	0.5 U	0.5 U	3.0	0.5 U	
MW-9B	3/15/05	50 U	0.5 U	1.0 U	0.50	0.5 U	1.6	0.68	
MW-9B	6/13/05	50 U	0.5 U	1.0 U	0.56	0.5 U	0.5 U	1.4	
MW-9B	8/24/05	50 U	0.73	1.0 U	0.5 U	0.5 U	1.0	0.5 U	
MW-9B	12/22/05	44 U	0.22 U	0.31 U	0.35 U	0.29 U	1.3	0.30 U	
MW-9B	5/31/06	48 U	0.94J,B	0.31 U	0.83J	0.29 U	3.5	0.89J	Methylene chloride (**7.3J,B**)
MW-9B	9/15/06	48 U	0.49J	0.26 U	1.3	0.83 U	1.3	0.31 U	Acetone (7.6J,B)
MW-9B	12/22/06	48 U	0.29 U	0.26 U	0.63 U	0.83 U	1.9	0.31 U	
MW-9B	3/21/07	48 U	0.29 U	0.26 U	1.6	0.83 U	1.8	2.4	
MW-9B	6/20/07	48 U	0.24 U	0.29 U	**6.1**	0.38 U	0.35 U	0.68J	
MW-9B	9/19/07	48 U	0.24 U	0.29 U	0.35 U	0.38 U	3.0	0.37 U	
MW-9B	1/3/08	48 U	0.24 U	0.29 U	0.35 U	0.38 U	3.8	0.37 U	
MW-9B	9/4/08	50 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	
DUP-2	9/4/08	50 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0	1.0 U	
MW-9B	3/4/09	48 U	0.46 J	0.40 U	0.49 U	0.40 U	1.8	0.30 U	
MW-9B	12/22/09	48 U	0.33 U	0.40 U	0.51 J	0.40 U	1.5	0.30 U	
MW-9B	6/29/10	48 U	0.33 U	0.31 U	0.49 U	1.1	0.5 U1	2.1	
MW-9B	3/15/11	500 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1	1.0 U	
MW-9B	9/15/11	500 U	1.0 U	1.0 U	1.20	1.0 U	3.7	1.0 U	
MW-9B	3/21/12	500 U	1.0 U	1.0 U	1.0 U	1.0 U	4.2	1.0 U	
MW-9B	9/6/12	500 U	1.0 U	1.0 U	1.0 U	1.0 U	3.4	1.0 U	
MW-9B	3/6/13	500 U	1.0 U	1.0 U	1.0 U	1.0 U	2.1	1.0 U	
MW-9B	11/12/13	---	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	
MW-9B	3/11/14	---	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	
MW-9B	3/3/15	---	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	
					To Be Abandoned				
MW-10A	7/20/98	206	---	25 U	**567**	25 U	**306**	**463**	
MW-10A	11/30/99	678	---	100 U	**1680**	50 U	**131**	**268**	
MW-10A	3/15/00	100 U	---	25 U	**1600**	**26**	**110**	**200**	
MW-10A	6/29/00	100 U	---	25 U	**1200**	25 U	**110**	**280**	
MW-10A	9/19/00	490	---	12 U	**900**	**18**	**93**	**170**	
MW-10A	12/4/00	100 U	---	10 U	**560**	**12**	**58**	**66**	
MW-10A	3/26/01	160	---	2.5 U	**850**	**16**	**97**	**140**	
MW-10A	5/16/01	170	2.5 U	2.5 U	**980**	**18**	**84**	**140**	
MW-10A	8/20/01	100	2.5 U	2.5 U	**800**	**13**	**79**	**110**	
MW-10A	12/17/01	99	2.5 U	2.5 U	**750**	**14**	**69**	**77**	
MW-10A	2/27/02	100	5.0 U	5.0 U	**1100**	**18**	**60**	**73**	
MW-10A	6/3/02	140	5.0 U	5.0 U	**1200**	**14**	**44**	**58**	
MW-10A	8/12/02	450	50 U	5.0 U	**1200**	**13**	**47**	**56**	
MW-10A	11/11/02	97	2.5 U	2.5 U	**550**	7.8	**28**	**47**	
MW-10A	3/10/03	83	2.5 U	2.5 U	**780**	8.0	**37**	**36**	

Table 5
Groundwater Analytical Results
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Monitoring Well	Date Sampled	EPA 8015M	EPA 8260B						
		TEPH (TPHd) (µg/L)	**CF (µg/L)**	**1,1-DCE (µg/L)**	**c-DCE (µg/L)**	**t-DCE (µg/L)**	**PCE (µg/L)**	**TCE (µg/L)**	**OTHER VOCs**
Cal EPA MCLs (µg/L)		210[1]	80[4]	6	6	10	5	5	See values at end of table
MW-10A	5/19/03	83	2.5 U	2.5 U	**360**	4.1	**26**	**27**	
MW-10A	8/25/03	94	2.5 U	2.5 U	**680**	7.3	**26**	**39**	Vinyl Chloride (**7.6**)
MW-10A	11/17/03	100	2.5 U	2.5 U	**940**	**10**	**35**	**42**	
MW-10A	3/22/04	140	2.5 U	2.5 U	**380**	5.7	**12**	**12**	
MW-10A	5/17/04	120	2.5 U	5.0	**540**	7.3	**28**	**25**	
MW-10A	8/16/04	140	2.5 U	1.0 U	**670**	7.8	**24**	**22**	
MW-10A	11/15/04	180	2.5 U	5.0 U	**490**	5.1	**17**	**13**	
MW-10A	3/16/05	110	5.0 U	10 U	**1000**	**14**	**16**	**32**	
MW-10A	6/14/05	180	5.0 U	10 U	**510**	**18**	**7.1**	**24**	
MW-10A	8/25/05	120	5.0 U	10 U	**470**	6.9	**20**	**22**	
MW-10A	12/22/05	88	0.43 U	0.61 U	**350**	5.3	**25**	**19**	
MW-10A	5/31/06	48 U	1.1J,B	0.61 U	**280**	**11**	**14**	**11**	Methylene chloride (**31**B) Vinyl Chloride (**1.7**)
MW-10A	9/15/06	48 U	0.5 U9	0.5 U1	**260**	8.1	**13**	**11**	Vinyl Chloride (**3.4**)
MW-10A	12/22/06	48 U	0.5 U9	0.5 U1	**200**	2.5	**13**	**8.6**	Vinyl Chloride (**1.9**)
MW-10A	3/21/07	69	0.29 U	0.26 U	**160**	2.9	**11**	**8.0**	Vinyl Chloride (**0.53**)
MW-10A	6/20/07	72	0.24 U	0.29 U	**160**	1.8	**9.8**	**5.6**	Vinyl Chloride (**1.1**)
MW-10A	9/19/07	64	0.24 U	0.29 U	**120**	1.3	**7.4**	4.3	Vinyl Chloride (**0.52**)
MW-10A	1/3/08	53	0.24 U	0.29 U	**95**	0.81 J	**9.0**	4.4	Carbon Disulfide (0.64 J) Vinyl Chloride (0.41 J)
MW-10A	9/5/08	67	1.0 U	1.0 U	**160**	2.3	**13**	**7.6**	Vinyl Chloride (**2.7**)
MW-10A	3/4/09	48 U	0.33 U	0.40 U	**110**	1.4	**6.9**	**5.3**	Vinyl Chloride (**1.9**)
MW-10A	12/22/09	48 U	0.33 U	0.40 U	**91**	2.1	**11**	**6**	Vinyl Chloride (**1.3**) Ethanol (51 J)
MW-10A	6/29/10	48 U	0.33 U	0.31 U	**140**	1.8	**7.2**	**6.3**	Vinyl Chloride (**4.9**)
MW-10A	3/15/11	500 U	1.0 U	1.0 U	**100**	1.0	**5.5**	**6.1**	Vinyl Chloride (**3.0**)
MW-10A	9/14/11	500 U	1.0 U	1.0 U	**57**	2.2	**6.9**	**6.3**	Vinyl Chloride (**1.6**)
MW-10A	3/21/12	500 U	1.0 U	1.0 U	**32**	3.2	**7.0**	**4.6**	Vinyl Chloride (**0.67**)
MW-10A	9/6/12	500 U	1.0 U	1.0 U	**21**	1.4	3.4	2.6	Vinyl Chloride (**0.59**)
MW-10A	3/6/13	500 U	1.0 U	1.0 U	**19**	1.0 U	1.4	2.3	
MW-10A	11/11/13	---	1.0 U	1.0 U	**28**	1.0 U	4.6	3.1	
MW-10A	3/11/14	---	1.0 U	1.0 U	**26**	1.0 U	**5.4**	3.1	
MW-10A	9/11/14	---	1.0 U	1.0 U	**23**	1.0 U	4.4	2.9	
MW-10A	3/3/15	---	1.0 U	1.0 U	**11**	1.0 U	4.0	2.4	
MW-10A	10/20/15	---	1.0 U	1.0 U	**9.6**	1.0 U	3.5	2.6	
MW-10A	3/15/16	---	1.0 U	1.0 U	**13**	1.0 U	3.5	2.9	
MW-10B	7/20/98	100 U	---	2.5 U	**73.7**	2.5 U	**69.5**	**33.2**	
MW-10B	11/30/99	100 U	---	4 U	**50.3**	2.0 U	**41**	**46.5**	
MW-10B	3/15/00	100 U	---	1.0 U	**39**	**1.0**	**21**	**24**	
MW-10B	6/29/00	100 U	---	1.0 U	**31**	1.1	**18**	**20**	
MW-10B	9/19/00	100 U	---	1.0 U	**36**	1.4	**18**	**20**	
MW-10B	12/4/00	100 U	---	1.0 U	**28**	1.2	**14**	**15**	
MW-10B	3/26/01	57	---	0.5 U	**52**	2.8	**23**	**27**	
MW-10B	5/16/01	50 U	0.5 U	0.5 U	**41**	1.9	**17**	**19**	
MW-10B	8/20/01	50 U	0.5 U	0.5 U	**46**	0.5 U	**17**	**19**	
MW-10B	12/17/01	50 U	0.5 U	0.5 U	**38**	0.5 U	**17**	**17**	
MW-10B	2/27/02	50 U	0.5 U	0.5 U	**24**	0.77	**13**	**13**	
MW-10B	6/3/02	50 U	0.5 U	0.5 U	**15**	0.5 U	**9.5**	**9.5**	
MW-10B	8/12/02	50 U	0.5 U	0.5 U	**11**	0.5 U	**9.0**	**7.6**	
MW-10B	11/11/02	50 U	0.5 U	0.5 U	**6.8**	0.5 U	**5.3**	**6.9**	
MW-10B	3/10/03	50 U	0.5 U	0.5 U	3.7	0.5 U	4.5	4.6	
MW-10B	5/19/03	50 U	0.5 U	0.5 U	4.0	0.5 U	**5.6**	4.5	
MW-10B	8/25/03	50 U	0.5 U	0.5 U	4.0	0.5 U	**7.8**	**6.0**	
MW-10B	11/17/03	50 U	0.5 U	0.5 U	3.8	0.5 U	**7.9**	**5.9**	

Table 5
Groundwater Analytical Results
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Monitoring Well	Date Sampled	EPA 8015M	EPA 8260B						
		TEPH (TPHd) (µg/L)	CF (µg/L)	1,1-DCE (µg/L)	c-DCE (µg/L)	t-DCE (µg/L)	PCE (µg/L)	TCE (µg/L)	OTHER VOCs
Cal EPA MCLs (µg/L)		210[1]	80[4]	6	6	10	5	5	See values at end of table
MW-10B	3/22/04	50 U	0.5 U	0.5 U	2.7	0.5 U	**2.8**	1.9	
MW-10B	5/17/04	50 U	0.5 U	0.5 U	1.6	0.5 U	**7.0**	4.9	
MW-10B	8/16/04	50 U	0.5 U	1.0 U	0.96	0.5 U	**7.1**	**5.4**	
MW-10B	11/15/04	50 U	0.5 U	1.0 U	0.84	0.5 U	**7.1**	**5.8**	
MW-10B	3/15/05	50 U	0.5 U	1.0 U	3.2	0.5 U	**5.8**	**5.2**	
MW-10B	6/13/05	50 U	0.5 U	1.0 U	**8.8**	0.82	3.4	4.4	
MW-10B	8/24/05	50 U	0.5 U	1.0 U	**22**	0.51	3.6	4.3	
MW-10B	12/22/05	44 U	0.22 U	0.31 U	**15**	0.29 U	4.3	4.6	
MW-10B	5/31/06	48 U	0.53J,B	0.31 U	**7.1**	0.31J	3.3	2.9	Methylene chloride (**13B**)
MW-10B	9/15/06	48 U	0.29 U	0.26 U	**7.3**	0.83 U	**5.1**	3.5	
MW-10B	12/22/06	48 U	0.29 U	0.26 U	5.8	0.83 U	3.7	3.4	Tert-butyl alcohol (9.3J)
MW-10B	3/21/07	48 U	0.29 U	0.26 U	3.7	0.83 U	3.0	2.4	
MW-10B	6/20/07	48 U	0.24 U	0.29 U	3.4	0.38 U	4.8	3.4	
MW-10B	9/19/07	48 U	0.29 U	0.29 U	2.5	0.38 U	**5.4**	3.6	
MW-10B	1/3/08	48 U	0.24 U	0.29 U	1.5	0.38 U	**5.3**	3.3	
MW-10B	9/5/08	50 U	1.0 U	1.0 U	1.9	1.0 U	**6.2**	4.5	
MW-10B	3/4/09	48 U	0.33 U	0.40 U	2.3	0.40 U	3.4	3.4	
MW-10B	12/22/09	48 U	0.33 U	0.40 U	3.0	0.40 U	**5.3**	3.9	
MW-10B	6/29/10	48 U	0.33 U	0.31 U	2.6	0.40 U	**5.7**	4.3	
MW-10B	3/15/11	500 U	1.0 U	1.0 U	**11**	1.0 U	**6.1**	3.5	
MW-10B	9/14/11	500 U	1.0 U	1.0 U	**12**	1.0 U	**7.0**	3.9	
MW-10B	3/21/12	500 U	1.0 U	1.0 U	**12**	1.0 U	1.0 U	2.1	
MW-10B	9/6/12	500 U	1.0 U	1.0 U	**6.6**	1.0 U	**5.8**	3.5	
MW-10B	3/6/13	500 U	1.0 U	1.0 U	5.3	1.0 U	4.7	3.5	
MW-10B	11/11/13	---	1.0 U	1.0 U	**9.5**	1.0 U	1.0 U	1.1	
MW-10B (DUP-1)	11/11/13	---	1.0 U	1.0 U	**9.2**	1.0 U	1.0 U	1.1	
MW-10B	3/11/14	---	1.0 U	1.0 U	**8.6**	1.0 U	1.0 U	1.1	
MW-10B (DUP-1)	3/11/14	---	1.0 U	1.0 U	**12**	1.0 U	1.0 U	1.6	
MW-10B	3/3/15	---	1.0 U	1.0 U	**7.1**	1.0 U	1.0 U	1.1	
MW-10B (DUP-1)	3/3/15	---	1.0 U	1.0 U	**7.5**	1.0 U	1.0 U	1.0 U	
MW-10B	3/15/16	---	1.0 U	1.0 U	**8.6**	1.0 U	1.0 U	1.0 U	
DUP-1	3/15/16	---	1.0 U	1.0 U	**8.6**	1.0 U	1.0 U	1.0 U	
MW-11	9/20/00	110	---	2.0 U	**21**	2.0 U	**100**	**130**	
MW-11	12/5/00	100 U	---	1.0 U	1.8	1.0 U	**17**	**12**	
MW-11	3/27/01	50 U	---	0.5 U	0.5 U	0.5 U	**33**	**9.2**	
MW-11	5/17/01	50 U	1.4	0.5 U	2.0	0.5 U	**28**	4.9	
MW-11	8/21/01	50 U	0.5 U	0.5 U	**59**	0.5 U	**43**	**69**	
MW-11	12/18/01	200	2.5 U	2.5 U	**560**	2.5 U	**130**	**460**	
MW-11	2/28/02	50 U	1.7	0.5 U	**61**	0.78	**25**	**21**	
MW-11	6/4/02	50 U	0.92	0.5 U	**71**	0.77	**18**	**8.1**	
MW-11	8/13/02	50 U	1.7	0.5 U	**15**	0.5	**10**	2.4	
MW-11	11/12/02	50 U	2.0	0.5 U	**42**	0.59	**13**	3.5	
MW-11	3/10/03	50 U	1.8	0.5 U	**32**	0.80	**34**	**20**	
MW-11	5/19/03	50 U	2.1	0.5 U	5.0	0.5 U	**13**	**15**	
MW-11	8/26/03	90	3.9	1.0 U	**87**	1.0 U	**31**	**200**	
MW-11	11/18/03	50 U		1.0 U	**100**	1.7	**24**	**43**	
MW-11	3/23/04	50 U	1.5	0.5 U	4.0	0.5 U	**15**	2.6	
MW-11	5/18/04	52	2.3	0.5 U	**41**	0.5 U	**22**	**110**	
MW-11	8/17/04	160	2.3	2.0 U	**110**	2.5	**20**	**280**	
MW-11	11/15/04	--		--	--	--	--	--	
MW-11	3/15/05	--	--	--	--	--	--	--	
MW-11	6/13/05	--	--	--	--	--	--	--	
MW-11	8/24/05	--	--	--	--	--	--	--	
MW-11	12/22/05	--	--	--	--	--	--	--	

Table 5
Groundwater Analytical Results
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Monitoring Well	Date Sampled	EPA 8015M	EPA 8260B						
		TEPH (TPHd) (µg/L)	**CF (µg/L)**	**1,1-DCE (µg/L)**	**c-DCE (µg/L)**	**t-DCE (µg/L)**	**PCE (µg/L)**	**TCE (µg/L)**	**OTHER VOCs**
Cal EPA MCLs (µg/L)		210[1]	80[4]	6	6	10	5	5	See values at end of table
MW-11	5/31/06	--	--	--	--	--	--	--	
MW-11	9/15/06	--	--	--	--	--	--	--	
MW-11	9/5/08	50 U	1.0 U	1.0 U	**28**	1.2	**11**	**14**	
MW-11	3/4/09	100.0	0.91 J	0.40 U	**200**	6.4	**9.4**	**51**	
MW-11	12/22/09	48 U	0.96 J	0.40 U	**100**	4.4	**20**	**33**	
MW-11	6/30/10	48 U	0.95 J	0.31 U	**22**	0.82 J	**11**	**14**	
MW-11	3/17/11	500 U	1.0 U	1.0 U	**110**	5.1	**37**	**85**	
MW-11	9/15/11	500 U	1.0 U	1.0 U	4.8	1.0 U	**13**	**13**	
MW-11	3/23/12	500 U	1.0 U	1.0 U	**14**	1.0 U	**9.8**	2.1	
MW-11	9/7/12	500 U	1.0 U	1.0 U	**59**	5.4	**11**	**7.2**	
MW-11	3/7/13	500 U	1.0 U	1.0 U	**54**	2.7	**16**	**6.8**	
MW-11	11/12/13	---	1.0 U	1.0 U	**16**	1.2	**7.5**	1.6	
MW-11	3/12/14	---	1.0 U	1.0 U	1.0 U	1.0 U	**8.3**	1.0 U	
MW-11	9/11/14	---	1.0 U	1.0 U	1.0 U	1.0 U	**5.7**	1.0 U	
MW-11	3/2/15	---	1.0 U	1.0 U	1.0 U	1.0 U	**7.3**	1.0 U	
MW-11	10/19/15	---	1.0 U	1.0 U	1.0 U	1.0 U	**5.7**	1.0 U	
MW-11	3/16/16	---	1.0 U	1.0 U	1.0 U	1.0 U	**9.3**	1.0 U	
MW-12	9/20/00	100 U	---	2.0 U	**24**	2.0 U	**96**	**27**	
MW-12	12/4/00	100 U	---	2.0 U	**19**	2.0 U	**81**	**19**	
MW-12	3/27/01	160	---	0.5 U	**110**	3.6	**120**	**66**	
MW-12	5/17/01	190	1.0 U	0.5 U	**160**	3.6	**140**	**78**	
MW-12	8/21/01	50 U	0.5 U	0.5 U	**140**	0.5 U	**140**	**70**	
MW-12	12/18/01	54	1.9	0.5 U	**86**	1.7	**100**	**55**	
MW-12	2/28/02	50	1.5	0.5 U	**51**	1.0	**70**	**39**	
MW-12	6/4/02	50 U	0.56	0.5 U	**37**	0.89	**45**	**30**	
MW-12	8/13/02	54	1.6	0.5 U	**40**	1.0	**50**	**32**	
MW-12	11/12/02	50 U	1.9	0.5 U	**33**	1.0	**48**	**30**	
MW-12	3/10/03	120	1.4	1.0 U	**120**	1.0 U	**17**	**160**	
MW-12	5/19/03	130	1.5	0.5 U	**140**	2.4	**49**	**56**	
MW-12	8/26/03	80	2.0	0.5 U	**110**	1.6	**73**	**110**	
MW-12	11/18/03	62	2.0	0.5 U	**98**	1.8	**63**	**97**	
MW-12	3/23/04	55	1.3	0.5 U	**54**	1.4	**28**	**28**	
MW-12	5/18/04	130	2.9	0.5 U	**130**	2.4	**110**	**110**	
MW-12	8/17/04	65	1.7	1.0 U	**57**	1.3	**35**	**55**	
MW-12	11/16/04	90	2.2	1.0 U	**56**	2.0	**42**	**53**	
MW-12	3/15/05	**450**	5.0 U	10 U	**1600**	**20**	**610**	**1900**	
MW-12	6/13/05	**770**	5.0 U	10 U	**810**	**50**	**160**	**320**	
MW-12	8/25/05	**210**	5.0 U	10 U	**380**	9.1	**150**	**200**	
MW-12	12/21/05	120	1.2	0.31 U	**140**	9.9	**82**	**100**	
MW-12	5/31/06	110	1.8B	0.31 U	**250**	5.5	**59**	**130**	Methylene chloride (**13**B)
MW-12	9/15/06	--	--	--	--	--	--	--	
MW-12	12/21/06	--	--	--	--	--	--	--	
MW-12	9/5/08	59	1.0 U	1.0 U	**96**	4.0	**26**	**63**	
MW-12	3/4/09	48 U	0.81 J	0.40 U	**58**	2.4	**11**	**24**	
MW-12	12/22/09	48 U	0.86 J	0.40 U	**58**	4.6	**19**	**31**	
MW-12	6/29/10	55	0.85	0.31 U	**580**	**21**	**36**	**120**	
MW-12	3/15/11	500 U	1.0 U	1.0 U	**390**	5.2	**23**	**61**	Vinyl Chloride (**0.59**)
MW-12	9/15/11	500 U	1.0 U	1.0 U	**190**	7.7	**17**	**52**	
MW-12	3/22/12	500 U	1.0 U	1.0 U	**150**	**11**	**7.6**	**13**	
MW-12	9/6/12	500 U	1.0 U	1.0 U	**77**	1.8	**9.1**	**15**	
MW-12	3/6/13	500 U	1.0 U	1.0 U	**26**	1.0 U	**5.1**	**8.2**	
MW-12	11/12/13	---	1.0 U	1.0 U	**53**	3.0	**7.5**	**15**	
MW-12	3/12/14	---	1.0 U	1.0 U	**39**	4.8	**6.9**	**14**	
MW-12	9/11/14	---	1.0 U	1.0 U	**21**	1.0 U	4.6	**11**	

Table 5
Groundwater Analytical Results
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Monitoring Well	Date Sampled	EPA 8015M	EPA 8260B						
		TEPH (TPHd) (µg/L)	CF (µg/L)	1,1-DCE (µg/L)	c-DCE (µg/L)	t-DCE (µg/L)	PCE (µg/L)	TCE (µg/L)	OTHER VOCs
Cal EPA MCLs (µg/L)		210[1]	80[4]	6	6	10	5	5	See values at end of table
MW-12	3/3/15	---	1.0 U	1.0 U	5.1	1.0 U	**6.6**	**8.4**	
MW-12	10/20/15	---	1.0 U	1.0 U	2.7	1.0 U	4.7	**6.1**	
MW-12	3/16/16	---	1.0 U	1.0 U	2.0	1.0 U	**7.8**	4.2	
MW-13A	9/19/00	100 U	---	2.0 U	**110**	7.9	**45**	**42**	
MW-13A	12/5/00	100 U	---	1.0 U	**93**	6.8	**45**	**39**	
MW-13A	3/26/01	110	---	2.5 U	**440**	**16**	**91**	**100**	
MW-13A	5/16/01	120	2.5 U	2.5 U	**420**	**17**	**100**	**130**	
MW-13A	8/20/01	50 U	1.3 U	1.3 U	**180**	4.0	**47**	**49**	
MW-13A	12/17/01	50 U	2.5 U	2.5 U	**100**	6.3	**50**	**45**	
MW-13A	2/27/02	50 U	0.79	0.5 U	**88**	4.8	**47**	**41**	
MW-13A	6/3/02	50 U	0.5 U	0.5 U	**98**	4.0	**40**	**38**	
MW-13A	8/12/02	76	0.97	0.5 U	**110**	4.3	**41**	**36**	
MW-13A	11/11/02	50 U	1.0	0.5 U	**69**	3.2	**31**	**32**	
MW-13A	3/10/03	50 U	0.8	0.5 U	**110**	3.7	**40**	**26**	
MW-13A	5/19/03	---	---	---	---	---	---	---	
MW-13A	8/25/03	---	---	---	---	---	---	---	
MW-13A	11/17/03	50 U	0.96	0.5 U	**100**	4.5	**34**	**30**	
MW-13A	3/22/04	64	0.67	0.5 U	**120**	4.3	**40**	**24**	
MW-13A	5/17/04	84	0.92	0.5 U	**150**	5.8	**39**	**32**	
MW-13A	8/16/04	67	0.99	1.0 U	**110**	4.2	**31**	**27**	
MW-13A	11/15/04	80	0.88	1.0 U	**100**	4.0	**31**	**23**	
MW-13A	3/16/05	120	2.5 U	5.0 U	**500**	8.7	**49**	**54**	
MW-13A	6/14/05	98	0.5 U	1.0 U	**140**	6.2	**30**	**29**	
MW-13A	8/25/05	61	0.50	1.0 U	**73**	3.5	**28**	**20**	
MW-13A	12/21/05	58	0.63J	0.31 U	**55**	2.5	**30**	**18**	
MW-13A	6/5/06	100	0.64J,B	0.31 U	**200**	9.2	**52**	**39**	Acetone (9.2J,B) Methylene chloride (4.6J,B)
MW-13A	9/14/06	48 U	0.77J	0.26 U	**66**	6.9	**24**	**16**	Acetone (9.2J,B)
MW-13A	12/21/06	48 U	0.63J	0.26 U	**35**	1.4	**22**	**11**	
MW-13A	3/20/07	48 U	0.67 J	0.26 U	**37**	1.6	**31**	**15**	
MW-13A	6/19/07	48 U	0.48J	0.29 U	**41**	1.6	**22**	**12**	Methylene Chloride (4.5J)
MW-13A	9/18/07	56	0.62 J	0.29 U	**33**	1.5	**20**	**9.7**	Methylene Chloride (**6.9** J)
MW-13A	1/2/08	48 U	0.49 J	0.29 U	**28**	0.99 J	**16**	**6.9**	
MW-13A	9/4/08	50 U	1.0 U	1.0 U	**53**	2.1	**21**	**9.4**	
MW-13A	3/5/09	48 U	0.44 J	0.40 U	**26**	2.5	**15**	**5.8**	
MW-13A	12/21/09	48 U	0.33 U	0.40 U	**31**	1.2	**22**	**5.3**	
MW-13A	6/29/10	48 U	0.39	0.31 U	**75**	2.4	**28**	**8.2**	
MW-13A	3/14/11	500 U	1.0 U	1.0 U	**100**	3.4	**35**	**15**	
Dup-1 (MW-13A)	3/14/11	500 U	1.0 U	1.0 U	**99**	3.7	**34**	**16**	
MW-13A	9/14/11	500 U	1.0 U	1.0 U	**25**	1.1	**19**	**5.3**	
Dup-1 (MW-13A)	9/14/11	500 U	1.0 U	1.0 U	**24**	1.3	**18**	4.9	
MW-13A	3/22/12	500 U	1.0 U	1.0 U	**14**	1.0 U	**24**	4.4	
Dup-1 (MW-13A)	3/22/12	500 U	1.0 U	1.0 U	**14**	1.1	**23**	4.4	
MW-13A	9/6/12	500 U	1.0 U	1.0 U	**9.7**	1.0 U	**20**	3.1	
Dup-1 (MW-13A)	9/6/12	500 U	1.0 U	1.0 U	**10**	1.0 U	**23**	3.5	
MW-13A	3/7/13	500 U	1.0 U	1.0 U	**7.2**	1.0 U	**15**	2.1	
MW-13A	11/12/13	---	1.0 U	1.0 U	**13**	1.0 U	**15**	2.1	
MW-13A	3/12/14	---	1.0 U	1.0 U	**9.0**	1.0 U	**9.6**	1.4	
MW-13A	9/12/14	---	1.0 U	1.0 U	4.9	1.0 U	4.0	1.0 U	
MW-13A	3/3/15	---	1.0 U	1.0 U	1.2	1.0 U	2.9	1.0 U	
MW-13A	10/20/15	---	1.0 U	1.0 U	1.0 U	1.0 U	2.2	1.0 U	
MW-13A	3/16/16	---	1.0 U	1.0 U	1.0 U	1.0 U	2.5	1.0 U	
MW-13B	9/19/00	100 U	---	1.0 U	1.0 U	1.0 U	**49**	1.1	

Table 5
Groundwater Analytical Results
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Monitoring Well	Date Sampled	EPA 8015M	EPA 8260B						
		TEPH (TPHd) (µg/L)	CF (µg/L)	1,1-DCE (µg/L)	c-DCE (µg/L)	t-DCE (µg/L)	PCE (µg/L)	TCE (µg/L)	OTHER VOCs
Cal EPA MCLs (µg/L)		210[1]	80[4]	6	6	10	5	5	See values at end of table
MW-13B	12/5/00	100 U	---	2.5 U	**30**	2.5 U	**120**	**14.0**	
MW-13B	3/26/01	66	---	0.5 U	**48**	3.6	**130**	**19**	
MW-13B	5/16/01	55	0.5 U	0.5 U	**54**	2.5	**120**	**20**	
MW-13B	8/20/01	50 U	0.5 U	0.5 U	**66**	2.2	**110**	**20**	
MW-13B	12/17/01	50 U	0.56	0.5 U	**50**	0.5 U	**110**	**20**	
MW-13B	2/27/02	50 U	0.5 U	0.5 U	**33**	0.67	**89**	**15**	
MW-13B	6/3/02	50 U	0.5 U	0.5 U	**32**	0.72	**87**	**16**	
MW-13B	8/12/02	54	0.55	0.5 U	**29**	0.79	**91**	**16**	
MW-13B	11/11/02	50 U	0.61	0.5 U	**14**	0.67	**70**	**15**	
MW-13B	3/10/03	50 U	0.5 U	0.5 U	1.3	0.5 U	3.7	1.1	
MW-13B	5/19/03	---	---	---	---	---	---	---	
MW-13B	8/25/03	---	---	---	---	---	---	---	
MW-13B	11/17/03	50 U	0.5 U	0.5 U	1.3	0.5 U	**8.0**	1.7	
MW-13B	3/22/04	50 U	0.5 U	0.5 U	2.3	0.5 U	**8.8**	1.4	
MW-13B	5/17/04	50 U	0.5 U	0.5 U	2.4	0.5 U	**8.2**	1.5	
MW-13B	8/16/04	50 U	0.5 U	1.0 U	2.3	0.5 U	**6.6**	1.5	
MW-13B	11/15/04	50 U	0.5 U	1.0 U	3.3	0.5 U	**8.0**	1.6	
MW-13B	3/16/05	50 U	0.5 U	1.0 U	**6.2**	0.5 U	**9.4**	3.4	
MW-13B	6/13/05	50 U	0.5 U	1.0 U	**6.7**	0.60	**6.4**	2.6	
MW-13B	8/25/05	50 U	0.5 U	1.0 U	**8.7**	0.5 U	**8.3**	2.7	
MW-13B	12/21/05	44 U	0.26J	0.31 U	**18**	0.51J	**11**	4.8	
MW-13B	6/5/06	48 U	0.22 U	0.31 U	5.4	0.29 U	**6.4**	2.2	Methylene chloride (4.6J,B)
MW-13B	9/14/06	48 U	0.36J	0.26 U	5.8	0.83 U	**5.0**	1.9	Acetone (8.2J,B)
MW-13B	12/21/06	48 U	0.29 U	0.26 U	**11**	0.83 U	**6.9**	2.9	Acetone (8.5J)
MW-13B	3/20/07	48 U	0.29 U	0.26 U	**14**	0.83 U	**7.0**	3.7	Carbon Disulfide (3.8 J)
MW-13B	6/19/07	48 U	0.24 U	0.29 U	**11**	0.38 U	4.8	2.9	
MW-13B	9/19/07	48 U	0.24 U	0.29 U	**12**	0.38 U	**6.0**	3.7	Methylene Chloride (**6.3** J)
MW-13B	1/2/08	48 U	0.35 J	0.29 U	**7.5**	0.38 U	**5.3**	2.9	
MW-13B	9/4/08	50 U	1.0 U	1.0 U	2.8	1.0 U	**9.5**	2.8	
DUP-1	9/4/08	50 U	1.0 U	1.0 U	3.1	1.0 U	**8.4**	3.3	
MW-13B	3/5/09	48 U	0.33 U	0.40 U	0.95 J	0.40 U	**5.0**	1.1	
MW-13B	12/21/09	48 U	0.33 U	0.40 U	1.2	0.40 U	**14**	1.5	
MW-13B	6/29/10	48 U	0.33 U	0.31 U	0.63	0.40 U	**12**	1.2	
MW-13B	3/15/11	500 U	1.1	1.0 U	5.8	1.0 U	**19**	2.4	
MW-13B	9/14/11	500 U	1.2	1.0 U	5.7	1.0 U	**17**	2.3	
MW-13B	3/22/12	500 U	1.1	1.0 U	4.1	1.0 U	**20**	1.8	
MW-13B	9/6/12	500 U	1.0 U	1.0 U	1.0 U	1.0 U	4.2	1.0 U	
MW-13B	3/7/13	500 U	1.0 U	1.0 U	1.0 U	1.0 U	**6.3**	1.0 U	
MW-13B	11/12/13	---	1.0 U	1.0 U	1.1	1.0 U	**6.2**	1.0 U	
MW-13B	3/12/14	---	1.0 U	1.0 U	1.1	1.0 U	**8.6**	1.0 U	
MW-13B	9/11/14	---	1.0 U	1.0 U	4.3	1.0 U	4.8	1.0 U	
DUP-1	9/11/14	---	1.0 U	1.0 U	4.3	1.0 U	**5.3**	1.0 U	
MW-13B	3/3/15	---	1.0 U	1.0 U	1.8	1.0 U	**8.6**	1.0 U	
MW-13B	10/20/15	---	1.0 U	1.0 U	2.9	1.0 U	1.4	1.0 U	
DUP-1	10/20/15	---	1.0 U	1.0 U	3.0	1.0 U	1.5	1.0 U	
MW-13B	3/16/16	---	1.0 U	1.0 U	1.0 U	1.0 U	1.4	1.0 U	
DUP-2	3/15/16	---	1.0 U	1.0 U	1.0 U	1.0 U	1.4	1.0 U	
MW-14	11/11/02	50 U	0.60	0.5 U	**50**	2.0	**18**	**19**	
MW-14	3/10/03	---	---	---	---	---	---	---	
MW-14	5/19/03	---	---	---	---	---	---	---	
MW-14	8/25/03	---	---	---	---	---	---	---	
MW-14	11/17/03	---	---	---	---	---	---	---	
MW-14	3/22/04	---	---	---	---	---	---	---	

Table 5
Groundwater Analytical Results
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Monitoring Well	Date Sampled	EPA 8015M	EPA 8260B						
		TEPH (TPHd) (µg/L)	**CF (µg/L)**	**1,1-DCE (µg/L)**	**c-DCE (µg/L)**	**t-DCE (µg/L)**	**PCE (µg/L)**	**TCE (µg/L)**	**OTHER VOCs**
Cal EPA MCLs (µg/L)		210[1]	80[4]	6	6	10	5	5	See values at end of table
MW-14	5/17/04	---	---	---	---	---	---	---	
MW-14	8/16/04	63	0.64	1.0 U	**110**	4.7	**28**	**23**	
MW-14	11/15/04	58	0.58	1.0 U	**65**	3.1	**19**	**15**	
MW-14	3/15/05	58	1.0 U	2.0 U	**250**	5.2	**34**	**29**	
MW-14	6/13/05	100	1.0 U	2.0 U	**120**	**13**	**28**	**22**	Naphthalene (7.7) 1,2,4-Trichlorobenzene (1.3)
MW-14	8/25/05	56	0.5 U	1.0 U	**55**	3.1	**20**	**15**	
MW-14	12/21/05	46	0.55J	0.31 U	**42**	2.1	**25**	**16**	
MW-14	6/5/06	63	0.57J,B	0.31 U	**86**	6.1	**35**	**21**	Methylene chloride (4.7J,B)
MW-14	9/14/06	48 U	1.5	0.26 U	**91**	3.1	**28**	**21**	Acetone (10B)
MW-14	12/21/06	48 U	0.79J	0.26 U	**45**	3.1	**19**	**11**	Acetone (9.4J)
MW-14	3/20/07	48 U	0.61 J	0.26 U	**36**	2.3	**20**	**10**	Napthalene (0.42 J)
MW-14	6/19/07	48 U	0.48J	0.29 U	**41**	1.5	**21**	**13**	
MW-14	9/18/07	48 U	0.47 J	0.29 U	**36**	1.7	**15**	**8.8**	Methylene Chloride (**6.1** J)
DUP-1	9/18/07	---	0.53 J	0.29 U	**37**	1.8	**17**	**9.5**	Methylene Chloride (**5.7** J)
MW-14	1/2/08	48 U	0.54 J	0.29 U	**30**	1.0 J	**16**	**7.1**	
DUP-1	1/2/08	---	0.57 J	0.29 U	**30**	1.1	**15**	**6.7**	
MW-14	9/4/08	50 U	1.0 U	1.0 U	**71**	2.6	**18**	**11**	
MW-14	3/5/09	48 U	0.39 J	0.40 U	**20**	1.2	**12**	4.7	
MW-14	12/21/09	48 U	0.33 U	0.40 U	**38**	0.8 J	**23**	**6.3**	
MW-14	6/29/10	48 U	0.38	0.31 U	**62**	1.8	**22**	**8.3**	Tert-butyl alcohol (9.1)
MW-14	3/14/11	500 U	1.0 U	1.0 U	**41**	1.6	**24**	**6.9**	
MW-14	9/14/11	500 U	1.0 U	1.0 U	**27**	2.8	**18**	**5.8**	
MW-14	3/21/12	500 U	1.0 U	1.0 U	**11**	1.5	**19**	3.6	
MW-14	9/7/12	500 U	1.0 U	1.0 U	**9.5**	1.0 U	**18**	3.7	
MW-14	3/7/13	500 U	1.0 U	1.0 U	**5.7**	1.0 U	**14**	2.2	
DUP-2	3/7/13	500 U	1.0 U	1.0 U	**6.3**	1.0 U	**17**	2.6	
MW-14	11/12/13	---	1.0 U	1.0 U	**13**	1.0 U	**16**	2.7	
MW-14	3/12/14	---	1.0 U	1.0 U	**13**	1.0 U	**17**	2.7	
MW-14	9/12/14	---	1.0 U	1.0 U	**9.1**	1.0 U	**12**	1.9	
MW-14	3/3/15	---	1.0 U	1.0 U	3.4	1.0 U	**7.9**	1.0 U	
MW-14	10/20/15	---	1.0 U	1.0 U	1.6	1.0 U	**6.3**	1.0 U	
MW-14	3/16/16	---	1.0 U	1.0 U	1.4	1.0 U	**6.5**	1.0 U	
MW-15	11/11/02	87	2.5 U	2.5 U	**190**	4.8	**56**	**62**	
MW-15	3/10/03	58	1.0 U	1.0 U	**180**	2.9	**60**	**42**	
MW-15	5/19/03	63	1.0 U	1.0 U	**150**	2.4	**43**	**37**	
MW-15	8/25/03	72	1.2	1.0 U	**290**	3.4	**67**	**70**	
MW-15	11/17/03	80	1.0 U	1.0 U	**340**	5.0	**77**	**92**	
MW-15	3/22/04	100	1.0 U	1.0 U	**300**	5.2	**74**	**59**	
MW-15	5/17/04	130	2.5 U	2.5 U	**270**	4.9	**63**	**60**	
MW-15	8/16/04	110	1.0 U	2.0 U	**260**	4.2	**65**	**62**	
MW-15	11/15/04	130	1.0 U	2.0 U	**320**	4.1	**67**	**66**	
MW-15	3/16/05	86	1.2	2.0 U	**250**	3.1	**35**	**50**	
MW-15	6/14/05	**210**	2.5 U	5.0 U	**640**	**13**	**65**	**86**	Naphthalene (15)
MW-15	8/24/05	140	2.5 U	5.0 U	**510**	9.9	**61**	**63**	
MW-15	12/21/05	110	0.69J	0.61 U	**320**	6.6	**58**	**51**	
MW-15	6/5/06	130	0.77J,B	0.31 U	**240**	**21**	**55**	**43**	Methylene chloride (4.7J,B)
MW-15	9/14/06	48 U	0.73J	0.26 U	**240**	**21**	**35**	**36**	Acetone (7.3B)
MW-15	12/21/06	48 U	0.61J	0.5 U1	**160**	**12**	**27**	**23**	Acetone (17J)
MW-15	3/20/07	110	0.65 J	0.26 U	**240**	5.4	**59**	**39**	
MW-15	6/19/07	49	0.60J	0.5 U9	**180**	4.5	**34**	**29**	
MW-15 DUP-1	6/19/07	---	0.58J	0.29 U	**180**	4.1	**35**	**28**	
MW-15	9/18/07	83	0.59 J	0.29 U	**140**	3.0	**26**	**24**	Methylene Chloride (**6.2** J)
MW-15	1/2/08	69	0.61 J	0.29 U	**110**	2.1	**24**	**19**	

Table 5
Groundwater Analytical Results
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Monitoring Well	Date Sampled	EPA 8015M	EPA 8260B						
		TEPH (TPHd) (µg/L)	**CF (µg/L)**	**1,1-DCE (µg/L)**	**c-DCE (µg/L)**	**t-DCE (µg/L)**	**PCE (µg/L)**	**TCE (µg/L)**	**OTHER VOCs**
Cal EPA MCLs (µg/L)		210[1]	80[4]	6	6	10	5	5	See values at end of table
MW-15	9/4/08	50 U	1.0 U	1.0 U	**250**	3.5	**32**	**45**	
MW-15	3/5/09	48 U	0.49 J	0.40 U	**130**	2.7	**22**	**25**	
MW-15	12/21/09	50 J	0.52 J	0.40 U	**110**	6.5	**34**	**29**	
MW-15	6/29/10	48 U	0.53	0.31 U	**130**	1.8	**34**	**40**	
MW-15	3/14/11	500 U	1.0 U	1.0 U	**120**	1.7	**27**	**45**	
MW-15	9/14/11	500 U	1.0 U	1.0 U	**210**	9.3	**36**	**50**	
MW-15	3/21/12	500 U	1.0 U	1.0 U	**150**	8.5	**33**	**29**	
MW-15	9/6/12	500 U	1.0 U	1.0 U	**110**	4.4	**27**	**21**	
MW-15	3/7/13	500 U	1.0 U	1.0 U	**53**	1.1	**21**	**13**	
MW-15	11/12/13	---	1.0 U	1.0 U	**45**	1.1	**18**	**10**	
MW-15	3/12/14	---	1.0 U	1.0 U	**40**	1.0 U	**16**	**11**	
MW-15	9/12/14	---	1.0 U	1.0 U	**26**	1.0 U	**14**	**9.0**	
MW-15	3/3/15	---	1.0 U	1.0 U	**11**	1.0 U	**12**	**6.3**	
MW-15	10/20/15	---	1.0 U	1.0 U	4.4	1.0 U	**9.4**	3.7	
MW-15	3/16/16	---	1.0 U	1.0 U	3.4	1.0 U	**8.7**	2.7	
MW-16A	6/5/06	**1500**	0.46J,B	2.1	**3200**	**72**	**65**	**620**	sec-Butylbenzene (2.8) tert-Butylbenzene (1.4) Isopropylbenzene (0.43) Methylene chloride (4.6J,B) Vinyl chloride (**0.87**)
MW-16A	9/15/06	48 U	0.38J	0.26 U	**26**	0.84J	**13**	**31**	
MW-16A	12/28/06	**1100**	2.9 U	2.6 U	**1100**	**26**	**98**	**200**	Toluene (2.9J,B)
MW-16A	3/21/07	**930**	0.5 U9	0.58 J	**470**	9.7	**38**	**77**	Carbon Disulfide (5.5 J) Vinyl Chloride (**1.1**)
MW-16A	6/20/07	**870**	1.2 U	1.5 U	**1000**	**23**	**36**	**100**	
MW-16A	9/19/07	**1000**	1.2 U	1.5 U	**1100**	**22**	**38**	**220**	
MW-16A	1/3/08	**1100**	2.4 U	2.9 U	**1900**	**28**	**48**	**92**	
MW-16A	9/5/08	**910**	1.0 U	1.0 U	**2600**	**62**	**28**	**180**	Vinyl Chloride (**2.4**)
MW-16A	3/5/09	**360**	0.33 U	0.93 J	**1900**	**47**	**18**	**97**	Vinyl Chloride (**6.3**)
DUP-1	3/5/09	**360**	0.33 U	1.0	**2300**	**48**	**21**	**100**	Vinyl Chloride (**6.9**)
MW-16A	12/22/09	**240**	0.65 J	0.66 J	**1000**	**22**	**15**	**65**	Vinyl Chloride (**6.3**)
DUP-1	12/22/09	---	0.61 J	0.59 J	**950**	**23**	**15**	**70**	Vinyl Chloride (**6.3**)
MW-16A	6/30/10	330	3.3 U	3.1 U	**2500**	**41**	**88**	**470**	Vinyl Chloride (**50**)
DUP-1	6/30/10	---	3.3 U	3.1 U	**2300**	**60**	**93**	**440**	Vinyl Chloride (**43**)
MW-16A	3/15/11	500 U	1.0 U	1.3	**8800**	**120**	**73**	**330**	Vinyl Chloride (**64**)
Dup-2 (MW-16A)	3/15/11	500 U	5.0 U	5.0 U	**8900**	**120**	**68**	**340**	Vinyl Chloride (**88**)
MW-16A	9/15/11	500 U	1.0 U	1.0 U	**360**	**16**	**24**	**66**	Vinyl Chloride (1.4)
Dup-2 (MW-16A)	9/15/11	500 U	1.0 U	2.0 U	**380**	**38**	**26**	**64**	Vinyl Chloride (1.5)
MW-16A	3/22/12	500 U	2.0 U	2.0 U	**2500**	**69**	**35**	**93**	Vinyl Chloride (**51**)
Dup-2 (MW-16A)	3/22/12	500 U	2.0 U	2.0 U	**2300**	**71**	**28**	**79**	Vinyl Chloride (**48**)
MW-16A	9/6/12	500 U	20 U	20 U	**1600**	**50**	**26**	**120**	Vinyl Chloride (**110**)
Dup-2 (MW-16A)	9/6/12	500 U	10 U	10 U	**2000**	**54**	**24**	**120**	Vinyl Chloride (**110**)
MW-16A	3/7/13	500 U	10 U	10 U	**970**	**28**	**15**	**31**	Vinyl Chloride (**98**)
MW-16A	11/12/13	---	10 U	10 U	**460**	**13**	**9.7**	**27**	Vinyl Chloride (4.8)
MW-16A	3/12/14	---	1.0 U	1.0 U	**15**	2.3	1.2	1.0	
MW-16A	3/2/15	---	1.0 U	1.0 U	**16**	1.0 U	**12**	**12**	
MW-16A	3/16/16	---	1.0 U	1.0 U	**9.5**	1.0 U	**12**	4.3	
MW-16B	6/5/06	48 U	1.0J,B	0.31 U	4	0.31J	**19**	**7**	Acetone (9.1J) Bromoform (3.1) 2-Butanone (5.7J) Dibromochloromethane (0.86J) Methylene chloride (5.4J,B)

Table 5
Groundwater Analytical Results
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Monitoring Well	Date Sampled	EPA 8015M	EPA 8260B						
		TEPH (TPHd) (µg/L)	**CF (µg/L)**	**1,1-DCE (µg/L)**	**c-DCE (µg/L)**	**t-DCE (µg/L)**	**PCE (µg/L)**	**TCE (µg/L)**	**OTHER VOCs**
Cal EPA MCLs (µg/L)		210[1]	80[4]	6	6	10	5	5	See values at end of table
MW-16B	9/15/06	**1100**	0.85J	1.7	**2500**	**64**	**120**	**400**	sec-Butylbenzene (1.5) tert-Butylbenzene (1.0J) Isopropylbenzene (0.24J) Vinyl chloride (**0.81**)
MW-16B	12/28/06	48 U	0.75 J	2.6 U	4.6	0.83 U	**7.9**	4.2	Acetone (8.7J) Ethanol (72J) Toluene (0.25J,B)
MW-16B	3/21/07	48 U	0.66 J	0.26 U	3.0	0.83 U	4.8	2.6	
MW-16B	6/20/07	48 U	0.73J	0.29 U	1.5	0.38 U	**5.4**	2.1	
MW-16B	9/19/07	48 U	0.65 J	0.29 U	2.7	0.38 U	**9.0**	2.7	
MW-16B	1/3/08	48 U	0.39 J	0.29 U	1.2	0.38 U	**8.1**	1.9	
MW-16B	9/5/08	50 U	1.0 U	1.0 U	2.5	1.0 U	**6.9**	2.3	
MW-16B	3/5/09	48 U	0.48 J	0.40 U	5.7	0.43 J	3.3	3.8	
MW-16B	12/22/09	48 U	0.45 J	0.40 U	**23**	1.5	**7.4**	**8.1**	
MW-16B	6/30/10	48 U	0.93 J	0.31 U	4.6	0.40 U	**6.5**	2.4	
MW-16B	3/17/11	500 U	1.0 U	1.0 U	**24**	1.0	**9.2**	**9.3**	Toluene (4.9)
MW-16B	9/15/11	500 U	1.0 U	1.0 U	**1.0 U**	1.0 U	**10.0**	1.0	
MW-16B	3/22/12	500 U	1.0 U	1.0 U	1.0 U	1.0 U	4.2	1.0 U	
MW-16B	9/7/12	500 U	1.0 U	1.0 U	**33**	2.4	**6.5**	**9.7**	
MW-16B	3/13/13	500 U	1.0 U	1.0 U	**34**	1.4	**6.4**	**8.1**	
MW-16B	11/12/13	---	1.0 U	1.0 U	**55**	2.7	**6.1**	**9.8**	
MW-16B	3/12/14	---	1.0 U	1.0 U	**35**	2.1	4.9	**7.9**	
MW-16B	9/11/14	---	1.0 U	1.0 U	**15**	1.1	**5.1**	**5.8**	
MW-16B	3/2/15	---	1.0 U	1.0 U	3.6	1.0 U	3.3	2.6	
MW-16B	10/19/15	---	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2-Butanone (13)
MW-16B	3/15/16	---	1.0 U	1.0 U	1.0 U	1.0 U	2.5	1.5	
MW-16C	6/5/06	50	0.22 U	0.31 U	**41**	1.4	**26**	**54**	Acetone (8.5J,B) Bromoform (1.4) Dibromochloromethane (0.74J) Methylene chloride (5.9J)
MW-16C	9/15/06	48 U	1.0	0.26 U	5.1	0.83 U	**18**	**5.9**	
MW-16C	12/28/06	48 U	0.29 U	0.26 U	**11**	0.83 U	**6.6**	**16**	Ethanol (93J)
MW-16C	3/21/07	48 U	0.29 U	0.26 U	**11**	0.83 U	**6.1**	**17**	
MW-16C	6/20/07	48 U	0.24 U	0.29 U	**9.9**	0.38 U	**7.7**	**17**	
MW-16C	9/19/07	48 U	0.24 U	0.29 U	**6.8**	0.38 U	**9.0**	**9.0**	
MW-16C	1/3/08	48 U	0.24 U	0.29 U	**7.9**	0.38 U	**11**	**13**	
MW-16C	9/5/08	50 U	1.0 U	1.0 U	**8.9**	1.0 U	**7.9**	**12**	
MW-16C	3/5/09	48 U	0.33 U	0.40 U	2.1	0.40 U	2.5	5.9	
MW-16C	12/22/09	48 U	0.33 U	0.40 U	1.6	0.40 U	2.4	2.8	
MW-16C	6/30/10	48 U	0.33 U	0.31 U	1.0	0.40 U	1.8	2.3	
MW-16C	3/15/11	500 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	
MW-16C	9/15/11	500 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	
MW-16C	3/22/12	500 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	
MW-16C	9/7/12	540 U	1.0 U	1.0 U	**9.9**	1.1	1.2	1.4	
MW-16C	3/7/13	500 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	
MW-16C	11/12/13	---	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	
MW-16C	3/12/14	---	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	

Table 5
Groundwater Analytical Results
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Monitoring Well	Date Sampled	EPA 8015M	EPA 8260B						
		TEPH (TPHd) (µg/L)	**CF (µg/L)**	**1,1-DCE (µg/L)**	**c-DCE (µg/L)**	**t-DCE (µg/L)**	**PCE (µg/L)**	**TCE (µg/L)**	**OTHER VOCs**
Cal EPA MCLs (µg/L)		210[1]	80[4]	6	6	10	5	5	See values at end of table
MW-16C	3/2/15	---	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	
MW-16C	3/15/16	---	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	
K-1	7/21/98	138	---	10 U	**81**	**13**	**187**	**132**	1,1,2,2-PCA (**20**)
K-1	11/30/99	**260**	---	10 U	**118**	**16**	**55**	**71**	Methylene chloride (**29.4**)
K-1	3/15/00	100 U	---	12 U	**1200**	**88**	**110**	**310**	
K-1	6/29/00	100 U	---	25 U	**1800**	**180**	**96**	**290**	
K-1	9/20/00	**260**	---	5.0 U	**270**	**31**	**59**	**100**	
K-1	12/4/00	100 U	---	1.0 U	**78.0**	**10**	**24**	**42**	
K-1	3/26/01	**460**	---	25 U	**3400**	**280**	**93**	**440**	
K-1	5/17/01	**350**	25 U	25 U	**1400**	**180**	**65**	**250**	
K-1	8/21/01	200	1.3 U	1.3 U	**320**	**34**	**44**	**110**	
K-1	12/17/01	**240**	25 U	25 U	**270**	25 U	25 U	**69**	
K-1	2/28/02	190	2.5 U	2.5 U	**350**	**17**	**52**	**110**	
K-1	6/4/02	**330**	2.5 U	2.5 U	**280**	8.8	**28**	**60**	
K-1	8/13/02	**250**	2.5 U	2.5 U	**350**	6.4	**28**	**53**	
K-1	11/12/02	**350**	2.5 U	2.5 U	**250**	9.0	**13**	**52**	
K-1	3/11/03	170	2.5 U	2.5 U	**830**	**25**	**34**	**100**	
K-1	5/20/03	**440**	10 U	10 U	**2300**	**82**	**24**	**68**	
K-1	8/26/03	**350**	10 U	10 U	**1300**	**66**	**29**	**68**	
K-1	11/18/03	200	5.0 U	10 U	**760**	**40**	**33**	**68**	
K-1	3/23/04	**320**	5.0 U	5.0 U	**1200**	**50**	**12**	**39**	
K-1	5/18/04	**450**	5.0 U	5.0 U	**1800**	**100**	**24**	**55**	
K-1	8/17/04	200	1.0	2.0 U	**340**	**20**	**24**	**41**	
K-1	11/16/04	**290**	5.0 U	10 U	**900**	**40**	**20**	**36**	
K-1	3/16/05	72	1.3	1.0 U	**120**	5.0	**78**	**96**	
K-1	6/14/05	180	0.5 U	1.0 U	**190**	**11**	**14**	**30**	
K-1	8/25/05	180	0.5 U	1.0 U	**170**	8.1	**18**	**28**	
K-1	12/21/05	50 U	0.22 U	0.31 U	**28**	1.5	**7.6**	**11**	1,3,5-Trimethylbenzene (0.22J) o-Xylene (0.25J)
K-1	5/31/06	48 U	0.65J,B	0.31 U	3.5	0.29 U	4.6	4.0	Methylene chloride (**13B**) p/m-Xylene (0.45J) o-Xylene (0.31J) Toluene (0.40J)
K-1	9/15/06	**580**	0.47J	0.26 U	**87**	3.2	**17**	**20**	tert-Butylbenzene (0.44J) Vinyl chloride (**0.54**)
K-1	12/22/06	**310**	0.37J	0.26 U	**91**	3.3	**18**	**23**	Acetone (7.4J) tert-Butylbenzene (0.33J) Vinyl Chloride (**0.53**)
K-1	3/20/07	120	0.60 J	0.26 U	**71**	5.3	**31**	**36**	Vinyl Chloride (**2.3**)
K-1	6/20/07	79	0.56J	0.29 U	**51**	4.1	**14**	**17**	Acetone (15J)
K-1	9/19/07	93	0.45 J	0.29 U	**36**	1.7	**11**	**10**	Vinyl Chloride (**1.0**)
K-1	1/3/08	190	0.45 J	0.29 U	**36**	2.0	**8.8**	**8.9**	
K-1	9/5/08	80	1.0 U	1.0 U	**59**	3.7	**21**	**13**	Vinyl Chloride (**1.3**)
K-1	3/5/09	780	0.47 J	0.40 U	**61**	3.2	**6.6**	**9.1**	1,1,2,2-Tetrachloroethane (0.60 J) Vinyl Chloride (**1.6**)
K-1	12/21/09	48 U	0.51 J	0.40 U	**13**	0.54 J	4.9	1.7	
K-1	6/30/10	170	0.46 J	0.31 U	**170**	7.1	**27**	**14**	tert-Butylbenzene (0.37J) Vinyl Chloride (**2.7**)
K-1	3/17/11	500 U	1.0 U	1.0 U	**280**	7.8	4.8	4.4	Vinyl Chloride (**4.4**)
K-1	9/15/11	500 U	1.0 U	1.0 U	1.7	1.0 U	2.5	1.0 U	
K-1	3/23/12	---	1.0 U	1.0 U	**7.9**	1.0 U	**8.6**	1.9	Vinyl Chloride (**0.76**)

Table 5
Groundwater Analytical Results
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Monitoring Well	Date Sampled	EPA 8015M	EPA 8260B						
		TEPH (TPHd) (µg/L)	CF (µg/L)	1,1-DCE (µg/L)	c-DCE (µg/L)	t-DCE (µg/L)	PCE (µg/L)	TCE (µg/L)	OTHER VOCs
Cal EPA MCLs (µg/L)		210[1]	80[4]	6	6	10	5	5	See values at end of table
K-1	9/7/12	500 U	1.0 U	1.0 U	**14**	1.4	**6.7**	2.2	
K-1	3/6/13	500 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	
K-1	11/12/13	---	1.0 U	1.0 U	1.8	1.0 U	1.7	1.0 U	
K-1	3/11/14	---	1.0 U	1.0 U	1.3	1.0 U	1.0 U	1.0 U	
K-1	9/11/14	---	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	
K-1	3/2/15	---	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	
K-1	10/19/15	---	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	
K-1	3/15/16	---	1.0 U	1.0 U	1.0 U	1.0 U	1.1	1.0 U	
K-2	7/21/98	100 U	---	1.0 U	1.3	1.0 U	**9.9**	**5.2**	
K-2	11/30/99	100 U	---	2.0 U	**19**	3.91	**27.2**	**26.4**	
K-2	3/15/00	100 U	---	1.0 U	**32**	4.40	**24**	**30**	
K-2	6/29/00	100 U	---	1.0 U	**75**	**15**	**18**	**76**	
K-2	9/20/00	100 U	---	1.0 U	**13**	2.7	**17**	**18**	
K-2	12/4/00	100 U	---	1.0 U	**11**	1.6	**13**	**13**	
K-2	3/26/01	99	---	0.5 U	**11**	1.1	**8.3**	**9.2**	
K-2	5/17/01	50 U	0.7	0.5 U	**33**	7.2	**10**	**21**	
K-2	8/21/01	50 U	0.5 U	0.5 U	**140**	**45**	**10**	**110**	
K-2	12/17/01	50 U	0.82	0.5 U	**26**	3.7	**17**	**24**	
K-2	2/28/02	50 U	0.99	0.5 U	**22**	2.1	**18**	**23**	
K-2	6/4/02	50 U	0.5 U	0.5 U	**17**	1.5	**13**	**19**	
K-2	8/13/02	50 U	0.88	0.5 U	**21**	2.0	**14**	**18**	
K-2	11/12/02	50 U	1.2	0.5 U	**19**	2.3	**14**	**19**	
K-2	3/11/03	50 U	1.0	0.5 U	**30**	2.3	**15**	**20**	
K-2	5/20/03	50 U	1.0	0.5 U	**57**	3.6	**7.4**	**14**	
K-2	8/26/03	50 U	1.2	0.5 U	**36**	3.2	**9.9**	**13**	
K-2	11/18/03	50 U	1.1	0.5 U	**14**	1.3	0.5 U	**11**	
K-2	3/23/04	53	0.59	0.5 U	**88**	4.7	**13**	**22**	
K-2	5/18/04	61	0.73	0.5 U	**100**	5.1	**11**	**18**	
K-2	8/17/04	50 U	0.95	1.0 U	**11**	1.5	**12**	**11**	
K-2	11/16/04	50 U	1.5	1.0 U	**12**	1.7	**16**	**14**	
K-2	3/15/05	50 U	1.3	1.0 U	0.84	0.5 U	2.1	1.2	
K-2	6/13/05	50 U	0.69	1.0 U	**7.6**	1.1	3.6	4.1	
K-2 Dup	6/13/05	50 U	0.99	1.0 U	1.8	0.5 U	3.5	1.5	
K-2	12/21/05	50 U	0.22 U	0.31 U	3.0	0.29 U	3.4	2.8	1,3,5-Trimethylbenzene (0.36J) p/m-Xylene (0.63J) o-Xylene (0.39J)
K-2	5/31/06	48 U	0.66J,B	0.31 U	**94**	2.4	**9.5**	**23**	1,2,4-Trimethlbenzene (0.34J)
K-2	9/15/06	48 U	0.78J	0.26 U	**9.5**	0.83 U	**9.3**	4.7	
K-2	12/22/06	48 U	0.63J	0.26 U	**9.0**	0.97J	**14**	**13**	Acetone (7.5J)
K-2	3/20/07	48 U	0.66 J	0.26 U	3.0	0.83 U	**11**	**6.6**	
K-2	6/19/07	48 U	0.62J	0.29 U	4.6	0.51J	**7.9**	**6.3**	
K-2	9/19/07	48 U	0.24 U	0.29 U	2.9	0.38 U	**7.1**	4.6	
K-2	1/3/08	48 U	0.44 J	0.29 U	3.5	0.38 U	**9.5**	**5.8**	
K-3	7/21/98	**550**	---	20 U	**325**	**32**	**375**	**364**	1,1,2,2-PCA (**35**)
K-3	11/30/99	---	---	---	---	---	---	---	
K-3	3/15/00	100 U	---	25 U	**1400**	**160**	**62**	**160**	
K-3 [3]	6/29/00	100 U	---	50 U	**3300**	**330**	50 U	50 U	
K-3	9/20/00	**6000**	---	12 U	**1000**	**110**	**15**	**66**	
K-3	12/4/00	100 U	---	25 U	**760**	**140**	25 U	**28**	

Table 5
Groundwater Analytical Results
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Monitoring Well	Date Sampled	EPA 8015M	EPA 8260B						
		TEPH (TPHd) (µg/L)	**CF (µg/L)**	**1,1-DCE (µg/L)**	**c-DCE (µg/L)**	**t-DCE (µg/L)**	**PCE (µg/L)**	**TCE (µg/L)**	**OTHER VOCs**
Cal EPA MCLs (µg/L)		210[1]	80[4]	6	6	10	5	5	See values at end of table
K-3	3/26/01	---	---	---	---	---	---	---	
K-3	5/17/01	**730**	10 U	10 U	**2000**	**140**	**43**	**77**	
K-3	8/21/01	**1400**	25 U	25 U	**960**	25 U	25 U	25 U	
K-3	12/18/01	**1500**	10 U	10 U	**480**	**34**	**28**	**66**	
K-3	2/28/02	**5100**	5.0 U	5.0 U	**630**	**28**	**99**	**27**	Vinyl Chloride (**21**)
K-3	6/4/02	---	---	---	---	---	---	---	
K-3	8/13/02	---	---	---	---	---	---	---	
K-3	11/12/02	**58000**	10 U	10 U	**160**	**14**	10 U	**100**	
K-3	3/11/03	**830**	2.5 U	2.5 U	**500**	**18**	**36**	**84**	Vinyl Chloride (**32**)
K-3	5/20/03	**690**	1.0 U	1.0 U	**240**	6	**8**	**15**	
K-3	8/26/03	**---**	---	---	**---**	**---**	**---**	**---**	
K-3	11/18/03	**430**	5.0 U	5.0 U	**390**	**14**	**54**	**90**	
K-3	3/23/04	**570**	2.5 U	2.5 U	**470**	**19**	**60**	**83**	Vinyl Chloride (**53**)
K-3	5/18/04	**580**	1.3	1.0 U	**370**	**17**	**62**	**85**	Vinyl Chloride (**26**)
K-3	8/17/04	**1300**	1.2	1.0 U	**190**	**11**	**64**	**92**	Vinyl Chloride (**14**)
K-3	11/16/04	**450**	1.4	2.0 U	**180**	**14**	**71**	**120**	Vinyl Chloride (**24**)
K-3	3/16/05	**420**	2.5 U	5.0 U	**370**	**17**	**22**	**54**	
K-3	6/14/05	**900**	2.5 U	5.0 U	**160**	**12**	**22**	**71**	Vinyl Chloride (**9.1**)
K-3	8/25/05	**860**	2.5 U	5.0 U	**140**	7.8	**61**	**78**	Vinyl Chloride (**17**)
K-3	12/22/05	---	---	---	---	---	---	---	(Obstructed)
K-3	5/31/06	---	---	---	---	---	---	---	(Obstructed)
K-3	9/15/06	---	---	---	---	---	---	---	(Obstructed)
K-3	12/22/06	---	---	---	---	---	---	---	(Obstructed)

ABBREVIATIONS / LEGEND:

B: Potential bias error, analyte detected in quality control blank
EPA: Environmental Protection Agency
J: Estimated value
µg/L: Micrograms per liter
MCL: California EPA Maximum Contaminant Level for drinking water August 2015
---: Not analyzed, not available, well lost, destroyed, or abandoned
U: Non-detect at or above method detection limit
VOCs: Volatile organic compounds
BOLD Indicates concentrations at or above listed screening levels
[1]: A Compilation of Water Quality Goals (August 2003 and updates), CalEPA RWQCB - Central Valley
[2]: California Office of Environmental Health Hazard Assessment Public Health Goal
[3]: Well K-3 not purged on 6/29/00 due to low walter level.
[4]: Chloroform, 2013 Tier 1 ESL = 80 ug/L

CF Chloroform
1,1-DCE: 1,1-dichloroethene
c-DCE: cis-1,2-dichloroethene
t-DCE: trans-1,2-dichloroethene
MTBE: Methyl tertiary butyl ether
1,1,1,2-PCA: 1,1,1,2-tetrachloroethane
1,1,2,2-PCA: 1,1,2,2-tetrachloroethane
PCE: Tetrachloroethene
TCE: Trichloroethene
TEPH: Total extractable petroleum hydrocarbons expressed as diesel

Screening Levels for Other VOCs (µg/L)

Methylene chloride = 5 ug/L (MCL)
Vinyl Chloride = 0.5 ug/L (MCL)
1,2-Dichlorobenzene = 600 ug/L (MCL)
1,2,4-Trichlorobenzene = 5 ug/L (MCL)
1,1,1,2-tetrachloroethane = 1.0 ug/L (MCL)

Table 6
Historical Natural Attenuation Parameters
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Well ID	Date	Daughter to Parent Ratio	Nitrate[1] (mg/L)	Nitrite[2] (mg/L)	Sulfate (mg/L)	Ferrous Iron (mg/L)	Methane (µg/L)	ORP[3] (mV)	DO[3] (mg/L)
MW-2	12/21/05	0.56	12	0.015 U	290	0.10 U	1.42	157	4.90
MW-2	05/31/06	NA	---	---	---	---	---	104	1.37
MW-2	09/14/06	0.86	11	0.015 U	290	0.10 U	0.00784 U	139	3.95
MW-2	12/22/06	0.48	---	---	---	---	---	104	6.64
MW-2	03/20/07	0.25	---	---	---	---	---	139	6.76
MW-2	06/19/07	0.53	---	---	---	---	---	191	5.48
MW-2	09/19/07	0.00	---	---	---	---	---	143	5.85
MW-2	01/02/08	0.63	---	---	---	---	---	137	4.80
MW-2	03/05/09	0.39	---	---	---	---	---	-10.0	4.95
MW-2	06/30/10	0.34	---	---	---	---	---	64.1	4.74
MW-2	03/06/13	NA	2.5	---	320	0.1 U	1.0 U	250	2.44
MW-2	11/11/13	NA	---	---	---	---	---	247	1.69
MW-2	03/11/14	NA	---	---	---	---	---	249	1.37
MW-3	12/21/05	0.56	9.8	0.015 U	260	0.10 U	0.06	152	5.50
MW-3	05/31/06	NA	11	0.015 U	290	0.10 U	0.09	-146	1.28
MW-3	09/14/06	0.86	9.5	0.015 U	300	0.10 U	0.0500J	138	3.95
MW-3	12/28/06	0.48	9.3	0.015 U	310	0.10 U	0.07	NR	NR
MW-3	03/21/07	0.25	10	0.015 U	320	0.10 U	0.08	107	4.51
MW-3	06/20/07	0.53	10	0.015 U	380	0.10 U	0.0700J	139	3.18
MW-3	09/19/07	0.00	9.9	0.015 U	350	0.10 U	0.100	138	6.36
MW-3	01/03/08	0.63	11	0.015 U	380	0.10 U	---	82.0	5.80
MW-3	09/05/08	0.39	---	---	---	---	---	139	4.20
MW-3	03/05/09	0.34	---	---	---	---	---	29.0	4.80
MW-3	12/21/09	0.66	---	---	---	---	---	-64.6	4.70
MW-3	06/30/10	0.30	---	---	---	---	---	67.0	4.62
MW-3	03/07/13	0.40	9.7	---	310	0.1 U	1.0 U	300	1.93
MW-3	11/11/13	0.43	---	---	---	---	---	241	1.99
MW-3	03/11/14	0.00	---	---	---	---	---	271	1.58
MW-3	09/11/14	0.00	---	---	---	---	---	245	1.56
MW-3	03/02/15	0.00	---	---	---	---	---	156	1.89
MW-3	10/19/15	0.00	---	---	---	---	---	197	1.14
MW-3	03/15/16	0.00	---	---	---	---	---	215	1.74
MW-7	12/22/05	2.34	7.5	0.015 U	330	0.10 U	0.29	-35.0	4.10
MW-7	05/31/06	NA	---	---	---	---	---	21.0	0.91
MW-7	09/15/06	NA	---	---	---	---	---	37.0	2.91
MW-7	12/22/06	3.36	---	---	---	---	---	-16.0	5.80
MW-7	03/21/07	4.23	---	---	---	---	---	-20.0	4.26
MW-7	06/20/07	3.15	---	---	---	---	---	-9.0	3.20
MW-7	09/19/07	3.47	---	---	---	---	---	44.0	5.20
MW-7	01/03/08	4.01	---	---	---	---	---	-70.0	4.20
MW-7	09/04/08	4.68	---	---	---	---	---	110	3.89
MW-7	03/05/09	5.16	---	---	---	---	---	-35.0	3.70
MW-7	12/21/09	4.16	---	---	---	---	---	-62.1	3.90
MW-7	06/30/10	4.21	---	---	---	---	---	110	3.81
MW-7	03/06/13	3.98	10	---	330	0.1 U	1.0 U	161	1.47
MW-7	11/11/13	2.69	---	---	---	---	---	285	2.14
MW-7	03/11/14	6.82	---	---	---	---	---	242	1.19
MW-7	09/11/14	3.91	---	---	---	---	---	243	1.74
MW-7	03/02/15	1.91	---	---	---	---	---	232	1.49
MW-7	10/19/15	1.39	---	---	---	---	---	159	1.19
MW-7	03/15/16	0.92	---	---	---	---	---	225	2.08
MW-8A	12/21/05	1.10	10	0.015 U	280	0.10 U	1.66	193	5.10
MW-8A	06/05/06	NA	---	---	---	---	---	123	4.01
MW-8A	09/14/06	NA	---	---	---	---	---	137	3.33
MW-8A	12/21/06	1.19	9.50	0.015 U	320	0.041 U	0.15	198	6.75

Table 6
Historical Natural Attenuation Parameters
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Well ID	Date	Daughter to Parent Ratio	Nitrate[1] (mg/L)	Nitrite[2] (mg/L)	Sulfate (mg/L)	Ferrous Iron (mg/L)	Methane (µg/L)	ORP[3] (mV)	DO[3] (mg/L)
MW-8A	03/20/07	0.00	10	0.015 U	320	0.10 U	0.22	117	6.87
MW-8A	06/19/07	0.64	10	0.015 U	380	0.10 U	0.00784 U	167	5.08
MW-8A	09/18/07	0.51	8.9	0.015 U	360	0.10 U	0.00784 U	125	9.34
MW-8A	01/02/08	0.82	11	0.015 U	380	0.10 U	---	149	4.60
MW-8A	03/05/09	1.09	---	---	---	---	---	9.7	5.08
MW-8A	06/30/10	0.48	---	---	---	---	---	80.1	5.30
MW-8A	03/06/13	0.00	9.8	---	330	0.1 U	1.0 U	235	2.69
MW-8A	11/12/13	0.00	---	---	---	---	---	254	1.84
MW-8A	03/12/14	NA	---	---	---	---	---	286	1.49
MW-9A	12/22/05	2.84	7.6	0.064J	290	0.67	1470	-259	0.50
MW-9A	05/31/06	NA	---	---	---	---	---	-300	0.00
MW-9A	09/15/06	NA	---	---	---	---	---	200	0.00
MW-9A	12/22/06	6.44	---	---	---	---	---	NR	NR
MW-9A	03/21/07	7.79	---	---	---	---	---	-334	0.42
MW-9A	06/20/07	5.29	---	---	---	---	---	-283	0.13
MW-9A	09/19/07	5.75	---	---	---	---	---	-334	3.61
MW-9A	01/03/08	4.87	---	---	---	---	---	-309	2.50
MW-9A	09/05/08	3.92	---	---	---	---	---	-176	0.35
MW-9A	03/04/09	8.48	---	---	---	---	---	-139	0.30
MW-9A	12/22/09	5.09	---	---	---	---	---	-301	0.67
MW-9A	06/29/10	6.20	---	---	---	---	---	-300	0.32
MW-9A	03/06/13	15.48	2.5	---	290	0.31	2070	-88.0	0.91
MW-9A	11/11/13	6.36	---	---	---	---	---	-28.0	0.77
MW-9A	03/11/14	10.13	---	---	---	---	---	42.0	0.47
MW-9A	03/03/15	8.41	---	---	---	---	---	4.0	0.59
MW-9A	03/15/16	7.63	---	---	---	---	---	33.0	0.77
MW-9B	12/22/05	0.00	0.096J	0.015 U	310	0.10 U	2100	-19.0	2.20
MW-9B	05/31/06	NA	---	---	---	---	---	42.0	0.39
MW-9B	09/15/06	NA	---	---	---	---	---	114	1.22
MW-9B	12/22/06	0.00	---	---	---	---	---	NR	NR
MW-9B	03/21/07	2.22	---	---	---	---	---	-307	0.23
MW-9B	06/20/07	NA	---	---	---	---	---	3.0	9.13
MW-9B	09/19/07	0.00	---	---	---	---	---	-121	5.40
MW-9B	01/03/08	0.00	---	---	---	---	---	-150	2.80
MW-9B	09/04/08	0.00	---	---	---	---	---	65.0	1.94
MW-9B	03/04/09	0.26	---	---	---	---	---	-2.0	1.60
MW-9B	12/22/09	0.34	---	---	---	---	---	15.6	1.76
MW-9B	06/29/10	3.20	---	---	---	---	---	-214	1.64
MW-9B	03/06/13	0.00	7.1	---	320	0.1 U	369	221	1.58
MW-9B	11/11/13	NA	---	---	---	---	---	308	2.18
MW-9B	03/11/14	NA	---	---	---	---	---	265	0.87
MW-9B	03/03/15	NA	---	---	---	---	---	206	1.85
MW-10A	12/22/05	15.0	2.1	0.072J	270	3.8	195	-328	0.20
MW-10A	05/31/06	21.8	1.7	0.11	270	0.61	88.4	-318	0.00
MW-10A	09/15/06	1.73	1.7	0.019J	240	0.32	132	-343	0.00
MW-10A	12/22/06	16.2	1.7	0.015 U	260	0.10 U	90.1	NR	NR
MW-10A	03/21/07	15.6	1.4	0.047	280	0.47	187	-339	0.45
MW-10A	06/20/07	17.2	1.8	0.047	320	0.10 U	25.7	-216	0.00
MW-10A	09/19/07	17.0	1.4	0.034	340	0.10 U	86.0	7.0	6.67
MW-10A	01/03/08	11.2	1.7	0.015 U	330	0.10 U	---	-220	3.20
MW-10A	09/05/08	13.3	---	---	---	---	---	-143	0.31
MW-10A	03/04/09	17.2	---	---	---	---	---	-95.0	0.22
MW-10A	12/22/09	9.13	---	---	---	---	---	-308	0.26
MW-10A	06/29/10	21.3	---	---	---	---	---	-204	0.14
MW-10A	03/06/13	8.87	0.4	---	290	0.67	124	57.0	1.97

Table 6
Historical Natural Attenuation Parameters
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Well ID	Date	Daughter to Parent Ratio	Nitrate[1] (mg/L)	Nitrite[2] (mg/L)	Sulfate (mg/L)	Ferrous Iron (mg/L)	Methane (µg/L)	ORP[3] (mV)	DO[3] (mg/L)
MW-10A	11/11/13	6.76	---	---	---	---	---	170	2.07
MW-10A	03/11/14	5.39	---	---	---	---	---	153	0.82
MW-10A	09/11/14	5.89	---	---	---	---	---	251	1.55
MW-10A	03/03/15	3.35	---	---	---	---	---	104	0.89
MW-10A	10/19/15	3.49	---	---	---	---	---	-169	0.72
MW-10A	03/15/16	4.54	---	---	---	---	---	128	1.07
MW-10B	12/22/05	4.56	0.82	0.015 U	200	0.10 U	0.78	-255	2.50
MW-10B	05/31/06	3.28	0.91	0.015 U	210	0.10 U	1.84	-277	0.00
MW-10B	09/15/06	2.12	0.88	0.015 U	210	0.10 U	0.390J	-250	0.21
MW-10B	12/22/06	2.49	0.86	0.015 U	210	0.10 U	0.06	NR	NR
MW-10B	03/21/07	2.03	0.94	0.015 U	220	0.10 U	0.29	-248	1.45
MW-10B	06/20/07	1.42	1.2	0.015 U	250	0.10 U	0.07	76.0	3.54
MW-10B	09/19/07	1.13	1.2	0.015 U	240	0.10 U	0.140	-65.0	4.66
MW-10B	01/03/08	0.91	1.5	0.015 U	270	0.10 U	---	17.0	2.30
MW-10B	09/05/08	1.03	---	---	---	---	---	-29.0	0.55
MW-10B	03/04/09	1.68	---	---	---	---	---	45.0	0.60
MW-10B	12/22/09	1.30	---	---	---	---	---	-248	0.59
MW-10B	06/29/10	1.21	---	---	---	---	---	-43.7	0.38
MW-10B	03/06/13	1.87	2.6	---	320	0.1 U	7.38	210	1.11
MW-10B	11/11/13	NA	---	---	---	---	---	216	2.23
MW-10B	03/11/14	NA	---	---	---	---	---	202	0.72
MW-10B	03/03/15	NA	---	---	---	---	---	202	1.89
MW-10B	03/15/16	NA	---	---	---	---	---	198	1.85
MW-11	09/05/08	3.93	---	---	---	---	---	128	4.36
MW-11	03/04/09	27.5	---	---	---	---	---	-7.0	4.30
MW-11	12/22/09	6.92	---	---	---	---	---	-72.0	4.27
MW-11	06/30/10	3.43	---	---	---	---	---	75.1	5.07
MW-11	03/07/13	3.97	9.7	---	300	0.1 U	1.0 U	296	1.60
MW-11	11/12/13	2.51	---	---	---	---	---	249	2.14
MW-11	03/12/14	0.00	---	---	---	---	---	256	1.54
MW-11	09/11/14	0.00	---	---	---	---	---	285	1.69
MW-11	03/02/15	0.00	---	---	---	---	---	202	1.83
MW-11	10/19/15	0.00	---	---	---	---	---	230	1.30
MW-11	03/15/16	0.00	---	---	---	---	---	179	1.56
MW-12	12/21/05	3.06	8.7	0.015 U	260	0.20	1.76	69.0	4.50
MW-12	05/31/06	NA	---	---	---	---	---	-212	1.60
MW-12	09/05/08	6.27	---	---	---	---	---	32.0	3.05
MW-12	03/04/09	7.75	---	---	---	---	---	-17.0	3.74
MW-12	12/22/09	4.97	---	---	---	---	---	-44.0	3.90
MW-12	06/29/10	20.1	---	---	---	---	---	-127	2.67
MW-12	03/06/13	6.71	9.4	---	300	0.1 U	1.0 U	206	2.51
MW-12	11/12/13	9.47	---	---	---	---	---	224	1.48
MW-12	03/12/14	8.38	---	---	---	---	---	260	1.83
MW-12	09/11/14	6.96	---	---	---	---	---	276	1.76
MW-12	03/03/15	2.05	---	---	---	---	---	244	1.97
MW-12	10/19/15	1.87	---	---	---	---	---	251	0.81
MW-12	03/15/16	0.79	---	---	---	---	---	222	1.55
MW-13A	12/21/05	2.54	7.2	0.015 U	310	0.10 U	2.57	181	1.30
MW-13A	06/05/06	4.79	6.9	0.015 U	280	0.10 U	0.130	125	0.22
MW-13A	09/14/06	3.74	6.8	0.015 U	280	0.10 U	0.160J	---	5.54
MW-13A	12/21/06	2.18	7.0	0.015 U	290	0.05	0.17	-242	4.18
MW-13A	03/20/07	1.75	8.2	0.015 U	320	0.10 U	0.19	92.0	2.92
MW-13A	06/19/07	2.50	8.5	0.015 U	360	0.10 U	0.170J	187	0.98
MW-13A	09/18/07	2.24	7.8	0.015 U	350	0.10 U	0.0400	142	7.57

Table 6
Historical Natural Attenuation Parameters
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Well ID	Date	Daughter to Parent Ratio	Nitrate[1] (mg/L)	Nitrite[2] (mg/L)	Sulfate (mg/L)	Ferrous Iron (mg/L)	Methane (µg/L)	ORP[3] (mV)	DO[3] (mg/L)
MW-13A	01/02/08	2.27	9.2	0.015 U	400	0.10 U	---	125	2.30
MW-13A	09/04/08	3.07	---	---	---	---	---	41.0	1.49
MW-13A	03/05/09	2.32	---	---	---	---	---	-14.0	1.09
MW-13A	12/21/09	1.70	---	---	---	---	---	-88.0	1.85
MW-13A	06/29/10	3.07	---	---	---	---	---	106	0.55
MW-13A	03/07/13	0.62	9.2	---	330	1.0 U	1.0 U	221	1.26
MW-13A	11/12/13	1.01	---	---	---	---	---	289	2.00
MW-13A	03/12/13	1.08	---	---	---	---	---	286	0.94
MW-13A	03/12/13	1.23	---	---	---	---	---	310	1.54
MW-13A	03/03/15	0.41	---	---	---	---	---	218	1.42
MW-13A	10/20/15	0.00	---	---	---	---	---	108	1.14
MW-13A	03/16/16	0.00	---	---	---	---	---	252	1.44
MW-13B	12/21/05	2.14	6.3	0.015 U	170	0.10 U	1.59	154	3.40
MW-13B	06/05/06	1.19	4	0.015 U	59	0.10 U	0.110	113	0.47
MW-13B	09/14/06	1.61	4.1	ND<0.15	73	0.10 U	0.140J	---	5.66
MW-13B	12/21/06	2.01	4.9	0.015 U	110	0.041 U	0.02	-85.0	3.96
MW-13B	03/20/07	2.53	5.0	0.015 U	130	0.10 U	0.07	105	3.06
MW-13B	06/19/07	2.90	5.8	0.015 U	180	0.10 U	0.00784 U	181	1.09
MW-13B	09/18/07	2.62	5.5	0.015 U	190	0.10 U	0.0800	126	7.34
MW-13B	01/02/08	2.03	7.7	0.015 U	220	0.10 U	---	155	2.80
MW-13B	09/04/08	0.67	---	---	---	---	---	74.0	2.37
MW-13B	03/05/09	0.41	---	---	---	---	---	-12.0	1.98
MW-13B	12/21/09	0.19	---	---	---	---	---	-11.0	2.84
MW-13B	06/29/10	0.15	---	---	---	---	---	151	1.45
MW-13B	03/07/13	0.00	0.14	---	32	0.617	4.60	144	1.50
MW-13B	11/11/13	0.18	---	---	---	---	---	299	1.48
MW-13B	03/12/14	0.13	---	---	---	---	---	286	0.92
MW-13B	09/12/14	0.90	---	---	---	---	---	304	1.48
MW-13B	03/03/15	0.21	---	---	---	---	---	239	1.92
MW-13B	10/20/15	2.07	---	---	---	---	---	98.0	0.99
MW-13B	03/16/16	0.00	---	---	---	---	---	254	2.02
MW-14	12/21/05	2.43	7.4	0.015 U	300	0.10 U	1.13	181	4.40
MW-14	06/05/06	NA	---	---	---	---	---	132	0.62
MW-14	09/14/06	4.16	---	---	---	---	---	---	6.33
MW-14	12/21/06	3.15	---	---	---	---	---	33.0	5.65
MW-14	03/20/07	2.45	---	---	---	---	---	122	6.44
MW-14	06/19/07	2.67	---	---	---	---	---	216	8.15
MW-14	09/18/07	2.87	---	---	---	---	---	147	5.50
MW-14	01/02/08	2.42	---	---	---	---	---	147	3.20
MW-14	09/04/08	4.70	---	---	---	---	---	208	4.01
MW-14	03/05/09	2.19	---	---	---	---	---	-4.0	4.40
MW-14	12/21/09	1.96	---	---	---	---	---	76.8	2.27
MW-14	06/29/10	3.29	---	---	---	---	---	137.8	0.65
MW-14	03/07/13	0.56	8.8	---	320	0.1 U	1.0 U	264	1.80
MW-14	11/12/13	0.98	---	---	---	---	---	211	1.55
MW-14	03/12/13	0.92	---	---	---	---	---	290	1.02
MW-14	09/12/14	0.92	---	---	---	---	---	277	1.84
MW-14	03/03/15	0.43	---	---	---	---	---	215	1.64
MW-14	10/20/15	0.25	---	---	---	---	---	111	1.16
MW-14	03/16/16	0.22	---	---	---	---	---	204	1.66
MW-15	12/21/05	6.52	5.0	0.015 U	260	0.10 U	1.68	206	2.10
MW-15	06/05/06	5.54	5.3	0.015 U	230	0.10 U	0.16	152	0.34
MW-15	09/14/06	8.51	4.7	0.015 U	240	0.10 U	0.130J	---	5.81
MW-15	12/21/06	7.24	5.4	0.015 U	270	0.041 U	0.15	11.0	3.84
MW-15	03/20/07	4.83	6.2	0.015 U	290	0.10 U	0.06	115	2.01

Table 6
Historical Natural Attenuation Parameters
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Well ID	Date	Daughter to Parent Ratio	Nitrate[1] (mg/L)	Nitrite[2] (mg/L)	Sulfate (mg/L)	Ferrous Iron (mg/L)	Methane (µg/L)	ORP[3] (mV)	DO[3] (mg/L)
MW-15	06/19/07	6.30	7.2	0.015 U	330	0.10 U	0.00784 U	197	0.62
MW-15	09/18/07	6.45	6.7	0.015 U	340	0.10 U	0.0400	149	4.79
MW-15	01/02/08	5.49	8.3	0.015 U	370	0.10 U	---	150	2.50
MW-15	09/04/08	9.33	---	---	---	---	---	131	0.93
MW-15	03/05/09	7.19	---	---	---	---	---	-18.0	0.87
MW-15	12/21/09	4.29	---	---	---	---	---	-93.0	1.70
MW-15	06/29/10	5.07	---	---	---	---	---	79.1	3.13
MW-15	03/07/13	3.20	7.5	---	290	0.1 U	1.0 U	297	1.37
MW-15	11/12/13	3.12	---	---	---	---	---	216	1.61
MW-15	03/12/13	3.19	---	---	---	---	---	296	1.05
MW-15	09/12/14	2.50	---	---	---	---	---	277	1.84
MW-15	03/03/15	1.44	---	---	---	---	---	242	1.65
MW-15	10/20/15	0.86	---	---	---	---	---	111	0.95
MW-15	03/16/16	0.70	---	---	---	---	---	200	1.82
MW-16A	06/05/06	59.9	1.9	0.015 U	240	0.10 U	1.23	52.0	7.71
MW-16A	09/15/06	4.48	1.2	0.095J	400	0.10 U	9.85	-78.0	0.00
MW-16A	12/28/06	13.5	0.028 U	0.015 U	240	0.10 U	0.36	NR	NR
MW-16A	03/21/07	14.7	3.9	0.015 U	290	1.1	0.52	-105	2.19
MW-16A	06/20/07	31.2	2.3	0.015 U	290	1.3	0.05	88.0	2.82
MW-16A	09/19/07	35.3	4.8	0.015 U	310	0.26	0.460	141	5.28
MW-16A	01/03/08	42.1	1.5	0.015 U	280	0.39	---	38.0	4.10
MW-16A	09/05/08	102	---	---	---	---	---	58.0	2.96
MW-16A	03/05/09	114	---	---	---	---	---	-12.0	3.35
MW-16A	12/22/09	69.6	---	---	---	---	---	-80.0	3.42
MW-16A	06/30/10	34.8	---	---	---	---	---	79.1	3.13
MW-16A	03/07/13	75.1	2.7	---	200	1.48	1.0 U	302	1.68
MW-16A	11/12/13	52.0	---	---	---	---	---	257	1.97
MW-16A	03/11/14	15.3	---	---	---	---	---	248	1.46
MW-16A	03/03/15	2.3	---	---	---	---	---	239	1.84
MW-16A	03/15/16	1.2	---	---	---	---	---	218	1.66
MW-16B	06/05/06	0.65	8.3	0.015 U	240	0.10 U	0.340	132	1.20
MW-16B	09/15/06	24.7	3.8	0.015 U	260	1.8	0.360J	-20.0	0.59
MW-16B	12/28/06	1.21	7.9	0.015 U	260	0.10 U	0.02	NR	NR
MW-16B	03/21/07	1.30	8.5	0.015 U	290	0.10 U	4.69	106	6.64
MW-16B	06/20/07	0.80	8.9	0.015 U	320	0.10 U	0.36	119	3.37
MW-16B	09/19/07	0.67	8.9	0.015 U	320	0.10 U	0.130	147	7.21
MW-16B	01/03/08	0.43	10	0.015 U	370	0.10 U	---	40.0	4.10
MW-16B	09/05/08	0.70	---	---	---	---	---	103	3.53
MW-16B	03/05/09	3.15	---	---	---	---	---	-18.0	3.39
MW-16B	12/22/09	4.47	---	---	---	---	---	-34.0	3.35
MW-16B	06/30/10	1.22	---	---	---	---	---	72.0	3.89
MW-16B	03/07/13	1.27	9.2	---	300	0.1 U	1.0 U	285	2.05
MW-16B	11/12/13	11.1	---	---	---	---	---	242	2.35
MW-16B	03/12/13	9.18	---	---	---	---	---	242	1.96
MW-16B	09/11/13	4.08	---	---	---	---	---	281	1.66
MW-16B	03/03/15	1.88	---	---	---	---	---	239	1.86
MW-16B	10/19/15	NA	---	---	---	---	---	207	1.30
MW-16B	03/15/16	0.60	---	---	---	---	---	232	2.00
MW-16C	06/05/06	3.71	1.6	0.33	330	0.10 U	11.9	60.0	0.00
MW-16C	09/15/06	0.67	8.0	0.015 U	250	0.10 U	0.160J	12.0	2.95
MW-16C	12/28/06	4.09	1.1	0.015 U	420	0.10 U	0.05	NR	NR
MW-16C	03/21/07	4.59	1.2	0.015 U	430	0.10 U	0.04	69.0	0.87
MW-16C	06/20/07	3.49	1.1	0.015 U	480	0.10 U	1.62	7.0	0.00
MW-16C	09/19/07	1.76	1.3	0.015 U	470	0.10 U	0.360	75.0	5.00
MW-16C	01/03/08	1.90	1.4	0.015 U	500	0.10 U	---	-44.0	2.40

Table 6
Historical Natural Attenuation Parameters
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Well ID	Date	Daughter to Parent Ratio	Nitrate[1] (mg/L)	Nitrite[2] (mg/L)	Sulfate (mg/L)	Ferrous Iron (mg/L)	Methane (µg/L)	ORP[3] (mV)	DO[3] (mg/L)
MW-16C	09/05/08	2.65	---	---	---	---	---	30.0	0.25
MW-16C	03/05/09	3.20	---	---	---	---	---	-22.8	0.20
MW-16C	12/22/09	1.83	---	---	---	---	---	-113	0.24
MW-16C	06/30/10	1.83	---	---	---	---	---	64.3	0.40
MW-16C	03/07/13	NA	0.52	---	440	0.1 U	1.0 U	285	2.05
MW-16C	11/12/13	NA	---	---	---	---	---	221	2.30
MW-16C	03/12/14	NA	---	---	---	---	---	234	0.80
MW-16C	03/02/15	NA	---	---	---	---	---	239	1.86
MW-16C	03/15/16	NA	---	---	---	---	---	249	1.84
K-1	12/21/05	5.33	9.9	0.015 U	280	0.10 U	0.46	81.0	6.20
K-1	05/31/06	NA	---	---	---	---	---	-36.0	2.03
K-1	09/15/06	NA	---	---	---	---	---	119	5.33
K-1	12/22/07	6.54	---	---	---	---	---	21.0	8.90
K-1	03/20/07	3.72	---	---	---	---	---	63.0	5.63
K-1	06/20/07	5.19	---	---	---	---	---	59.0	4.57
K-1	09/19/07	4.47	---	---	---	---	---	94.0	6.86
K-1	01/03/08	5.38	---	---	---	---	---	0.0	4.80
K-1	09/05/08	3.67	---	---	---	---	---	112	4.29
K-1	03/05/09	11.4	---	---	---	---	---	-9.0	4.40
K-1	12/21/09	3.21	---	---	---	---	---	-63.0	4.52
K-1	06/30/10	7.19	---	---	---	---	---	49.0	4.80
K-1	03/06/13	0.00	9.5	---	330	0.1 U	1.0 U	189	3.10
K-1	11/12/13	1.06	---	---	---	---	---	186	1.27
K-1	03/11/14	1.30	---	---	---	---	---	286	1.60
K-1	09/11/14	NA	---	---	---	---	---	205	1.48
K-1	03/02/15	NA	---	---	---	---	---	240	1.70
K-1	10/19/15	NA	---	---	---	---	---	223	0.96
K-1	03/15/16	0.00	---	---	---	---	---	246	1.62
K-2	12/21/05	1.71	9.8	0.015 U	300	0.10 U	0.44	148	6.40
K-2	05/31/06	NA	---	---	---	---	---	125	6.08
K-2	09/15/06	NA	---	---	---	---	---	130	4.95
K-2	12/22/06	1.69	---	---	---	---	---	73.0	9.09
K-2	03/20/07	0.93	---	---	---	---	---	76.0	4.57
K-2	06/19/07	1.52	---	---	---	---	---	104	5.41
K-2	09/19/07	1.06	---	---	---	---	---	135	6.91
K-2	01/03/08	1.03	---	---	---	---	---	-6.0	5.20
K-2	Abandoned 7/28/08								

Notes:
DO = Dissolved oxygen
mg/L = milligrams per liter
ORP = Oxidation-reduction potential in millivolts
NA = Not applicable
U = Not detected at or above method detection limit
--- = Not sampled
NR = No Purge Record
Daughter to Parent Ratio = (CF+VC+cisDCE+trans-1,2-DCE+TCE)/(PCE)

1. Nitrate, reported as nitrogen
2. Nitrite, reported as nitrogen
3. ORP and DO were measured in field after purging wells using down hole instrumentation or flow cell

Table 7
Soil Vapor Analytical Results
January 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Soil Vapor Well (ft bgs)	Sample Date	EPA 8260					
		PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	VINYL CHLORIDE	OTHERS
Proposed Soil Gas Cleanup Goals 5 feet bgs (µg/m^3)		**42,000**	**15,000**	**47,000**	NA	**2,200**	
Proposed Soil Gas Cleanup Goals 10 feet bgs (µg/m^3)		**70,000**	**23,000**	**70,000**	NA	**3,200**	
Proposed Soil Gas Cleanup Goals 20 feet bgs (µg/m^3)		**125,000**	**40,000**	**116,000**	NA	**5,100**	
Proposed Soil Gas Cleanup Goals 30 feet bgs (µg/m^3)		**180,000**	**57,000**	**163,000**	NA	**7,100**	
VP-1-5	7/23/2008	**240,000**	4,900	200 U	200 U	100 U	
VP-1-5	3/17/2011	**180,000**	1,900	500 U	500 U	40 U	
VP-1-5	9/14/2011	**140,000**	1,100	100 U	1000 U	80 U	
VP-1-5	3/22/2012	**160,000**	1,900	500 U	500 U	40 U	
VP-1-5	9/6/2012	**220,000**	1,300	2000 U	2000 U	200 U	
VP-1-5	3/6/2013	**260,000**	3,800	580	400 U	40 U	
VP-1-5	10/30/2013	**220,000**	3,000	400 U	400 U	40 U	
VP-1-5	3/11/2014	10,000	80 U	400 U	400 U	40 U	
VP-1-5	9/11/2014	6,000	80 U	400 U	400 U	40 U	
VP-1-5	3/3/2015	2,800	80 U	400 U	400 U	40 U	
VP-1-5	10/19/2015	5,000	80 U	400 U	400 U	40 U	
VP-1-5	1/18/2016	5,300	80	400 U	400 U	40 U	
VP-1-5 (DUP)	9/6/2012	**190,000**	1,000	2000 U	2000 U	200 U	
VP-1-10	7/23/2008	**540,000**	11,000	480	400 U	200 U	
VP-1-10	3/17/2011	**670,000**	5,200	500 U	500 U	500 U	
VP-1-10	9/14/2011	**430,000**	3,100	500 U	500 U	400 U	
VP-1-10	3/21/2012	**430,000**	5,100	500 U	500 U	40 U	
VP-1-10	9/6/2012	**690,000**	3,100	2500 U	2500 U	250 U	
VP-1-10	3/6/2013	**410,000**	9,000	1,500	400 U	40 U	
VP-1-10	10/30/2013	**520,000**	8,300	1,600	400 U	40 U	
VP-1-10	3/11/2014	33,000	80 U	400 U	400 U	40 U	
VP-1-10	9/11/2014	27,000	80 U	400 U	400 U	40 U	
VP-1-10	3/3/2015	10,000	80 U	400 U	400 U	40 U	
VP-1-10	10/19/2015	8,500	90	400 U	400 U	40 U	
VP-1-10	1/18/2016	16,000	200	400 U	400 U	40 U	
VP-1-20	7/23/2008	**630,000** **E**	32,000	7,600	1,800	200 U	1,1,2,2-TCA = 1,100
VP-1-20	3/17/2011	**2,700,000** **E**	19,000	1,400	520	40 U	
VP-1-20	9/14/2011	**710,000**	5,500	500 U	500 U	400 U	
VP-1-20	3/21/2012	**1,700,000**	17,000	2,500	750	40 U	
VP-1-20	9/6/2012	**1,400,000**	15,000	20000 U	20000 U	2000 U	
VP-1-20	3/6/2013	**1,200,000**	17,000	20000 U	20000 U	2000 U	
VP-1-20	10/30/2013	**800,000**	23,000	19,000	2,500	40 U	chloroform = 90
VP-1-20	3/11/2014	38,000	290	400 U	400 U	40 U	
VP-1-20	9/11/2014	63,000	200	400 U	400 U	40 U	
VP-1-20	3/3/2015	940	80 U	400 U	400 U	40 U	
VP-1-20	10/19/2015	34,000	260	400 U	400 U	40 U	
VP-1-20	1/18/2016	33,000	390	400 U	400 U	40 U	
VP-1-30	7/23/2008	**710,000** **E**	**110,000**	49,000	8,800	200 U	1,1,2,2-TCA = 1,600
VP-1-30	3/17/2011	**3,000,000** **E**	43,000	12,000	10,000 U	1000 U	
VP-1-30	9/14/2011	**850,000**	17,000	500 U	5,000 U	400 U	
VP-1-30	3/21/2012	**1,800,000**	41,000	18,000	2,900	40 U	
VP-1-30	9/6/2012	**1,900,000**	51,000	40000 U	40000 U	4000 U	
VP-1-30	3/6/2013	**780,000**	28,000	34,000	20000 U	2000 U	
VP-1-30	10/30/2013	**1,100,000**	55,000	63,000	6,600	40 U	chloroform = 130
VP-1-30	3/11/2014	66,000	1000 U	5000 U	5000 U	500 U	
VP-1-30	9/11/2014	65,000	210	400 U	400 U	40 U	
VP-1-30	3/3/2015	15,000	100	400 U	400 U	40 U	
VP-1-30	10/20/2015	39,000	300	400 U	400 U	40 U	
VP-1-30	1/18/2016	47,000	410	400 U	400 U	40 U	
VP-1-30 (DUP)	3/6/2013	**910,000**	31,000	35,000	20000 U	2000 U	
VP-1-30 (DUP)	9/11/2014	59,000	190	400 U	400 U	40 U	
VP-2-5	7/25/2008	15,000	2,500	2,600	800 U	400 U	

Table 7
Soil Vapor Analytical Results
January 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Soil Vapor Well (ft bgs)	Sample Date	EPA 8260					
		PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	VINYL CHLORIDE	OTHERS
Proposed Soil Gas Cleanup Goals 5 feet bgs (µg/m^3)		**42,000**	**15,000**	**47,000**	NA	**2,200**	
Proposed Soil Gas Cleanup Goals 10 feet bgs (µg/m^3)		**70,000**	**23,000**	**70,000**	NA	**3,200**	
Proposed Soil Gas Cleanup Goals 20 feet bgs (µg/m^3)		**125,000**	**40,000**	**116,000**	NA	**5,100**	
Proposed Soil Gas Cleanup Goals 30 feet bgs (µg/m^3)		**180,000**	**57,000**	**163,000**	NA	**7,100**	
VP-2-5	3/18/2011	4,300	1,100	500 U	500 U	40 U	
VP-2-5	9/15/2011	2,300	910	990	500 U	40 U	
VP-2-5	3/22/2012	4,500	2,800	6,300	500 U	40 U	
VP-2-5	9/7/2012	1,400	590	1,300	400 U	40 U	
VP-2-5	3/7/2013	3,000	820	590	400 U	40 U	
VP-2-5	10/31/2013	2,400	530	400 U	400 U	40 U	
VP-2-5	3/10/2014	220	80 U	400 U	400 U	40 U	
VP-2-5	9/11/2014	200	80 U	400 U	400 U	40 U	
VP-2-5	3/3/2015	130	80 U	400 U	400 U	40 U	
VP-2-5	10/20/2015	360	80 U	400 U	400 U	40 U	
VP-2-10	7/25/2008	16,000	3,400	6,000	800 U	400 U	
VP-2-10	3/18/2011	2,300	760	500 U	500 U	40 U	
VP-2-10	9/15/2011	3,300	1,400	3,300	500 U	40 U	
VP-2-10	3/22/2012	3,900	2,400	7,800	510	40 U	
VP-2-10	9/7/2012	2,900	1,300	4,100	400 U	40 U	
VP-2-10	3/7/2013	2,100	680	450	400 U	40 U	
VP-2-10	10/31/2013	3,100	720	400 U	400 U	40 U	
VP-2-10	3/10/2014	500	80 U	400 U	400 U	40 U	
VP-2-10	9/11/2014	520	80 U	400 U	400 U	40 U	
VP-2-10	3/3/2015	240	80 U	400 U	400 U	40 U	
VP-2-10	10/20/2015	350	80 U	400 U	400 U	40 U	
VP-2-20	7/25/2008	21,000	5,200	23,000	1,600	400 U	
VP-2-20	3/18/2011	3,100	1,900	1,700	500 U	40 U	
VP-2-20	9/15/2011	5,500	3,000	16,000	1,100	40 U	benzene = 200
VP-2-20	3/22/2012	3,600	2,100	9,600	560	40 U	
VP-2-20	9/7/2012	3,500	1,600	9,000	640	40 U	
VP-2-20	3/7/2013	2,100	540	410	400 U	40 U	
VP-2-20	10/31/2013	2,800	620	400 U	400 U	40 U	
VP-2-20	3/10/2014	500	80 U	400 U	400 U	40 U	
VP-2-20	9/11/2014	740	80 U	400 U	400 U	40 U	
VP-2-20	3/3/2015	250	80 U	400 U	400 U	40 U	
VP-2-20	10/20/2015	410	80 U	400 U	400 U	40 U	
VP-2-30	7/25/2008	29,000	10,000	83,000	5,400	400 U	1,1,2,2-TCA = 1,800
VP-2-30	3/18/2011	5,500	9,800	28,000	1,600	40 U	
VP-2-30	9/15/2011	8,000	11,000	75,000	5,100	40 U	benzene = 210
VP-2-30	3/22/2012	6,300	5,900	56,000	3,300	40 U	
VP-2-30	9/7/2012	4,200	2,000	24,000	2,000	40 U	
VP-2-30	3/7/2013	2,300	720	1,600	570	40 U	
VP-2-30	10/31/2013	3,100	680	400 U	400 U	40 U	
VP-2-30	3/10/2014	330	80 U	400 U	400 U	40 U	
VP-2-30	9/11/2014	300	80 U	400 U	400 U	40 U	
VP-2-30	3/3/2015	140	80 U	400 U	400 U	40 U	
VP-2-30	10/20/2015	510	80	400 U	400 U	40 U	
VP-3-5	7/24/2008	32,000	3,200	1,300	800 U	400 U	1,1,2,2-TCA = 2,600
VP-3-5	3/17/2011	12,000	3,500	500 U	500 U	40 U	
VP-3-5	9/14/2011	15,000	2,800	500 U	500 U	40 U	
VP-3-5	3/22/2012	11,000	4,400	790	500 U	40 U	
VP-3-5	9/6/2012	10,000	3,300	850	400 U	40 U	
VP-3-5	3/6/2013	3,000	2,500	2,100	400 U	40 U	
VP-3-5	10/31/2013	4,800	3,000	2,600	400 U	40 U	

Table 7
Soil Vapor Analytical Results
January 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Soil Vapor Well (ft bgs)	Sample Date	EPA 8260					
		PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	VINYL CHLORIDE	OTHERS
Proposed Soil Gas Cleanup Goals 5 feet bgs (µg/m^3)		**42,000**	**15,000**	**47,000**	NA	**2,200**	
Proposed Soil Gas Cleanup Goals 10 feet bgs (µg/m^3)		**70,000**	**23,000**	**70,000**	NA	**3,200**	
Proposed Soil Gas Cleanup Goals 20 feet bgs (µg/m^3)		**125,000**	**40,000**	**116,000**	NA	**5,100**	
Proposed Soil Gas Cleanup Goals 30 feet bgs (µg/m^3)		**180,000**	**57,000**	**163,000**	NA	**7,100**	
VP-3-5	3/11/2014	660	80 U	400 U	400 U	40 U	
VP-3-5	9/11/2014	670	80 U	400 U	400 U	40 U	
VP-3-5	3/2/2015	110	80 U	400 U	400 U	40 U	
VP-3-5	10/19/2015	210	110	400 U	400 U	40 U	
VP-3-5	1/18/2016	280	80 U	400 U	400 U	40 U	
VP-3-10	7/24/2008	37,000	400 U	800 U	800 U	400 U	
VP-3-10	3/17/2011	27,000	8,500	500 U	500 U	40 U	
VP-3-10	9/14/2011	26,000	6,600	500 U	500 U	40 U	
VP-3-10	3/22/2012	30,000	12,000	3,600	500 U	40 U	
VP-3-10	9/6/2012	23,000	7,400	3,400	400 U	40 U	
VP-3-10	3/6/2013	13,000	7,300	6,400	400 U	40 U	
VP-3-10	10/31/2013	420 *	80 U	400 U	400 U	40 U	
VP-3-10	3/11/2014	1,500	110	400 U	400 U	40 U	
VP-3-10	9/11/2014	880	100	400 U	400 U	40 U	
VP-3-10	3/2/2015	110	80 U	400 U	400 U	40 U	
VP-3-10	10/19/2015	460	190	400 U	400 U	40 U	
VP-3-10	1/18/2016	800	160	400 U	400 U	40 U	Benzene = 80
VP-3-10 (DUP)	3/22/2012	30,000	12,000	3,400	500 U	40 U	
VP-3-20	7/24/2008	120,000	31,000	28,000	2,200	400 U	1,1,2,2-TCA = 3,000
VP-3-20	3/17/2011	**170,000**	**56,000**	9,400	1,100	40 U	
VP-3-20	9/13/2011	**130,000**	**41,000**	9,200	2,000 U	160 U	
VP-3-20	3/21/2012	**130,000**	**52,000**	32,000	3300 U	260 U	
VP-3-20	9/6/2012	68,000	26,000	23,000	5000 U	500 U	
VP-3-20	3/6/2013	45,000	27,000	34,000	2,200	40 U	
VP-3-20	10/31/2013	57,000	25,000	36,000	2,000	40 U	
VP-3-20	3/11/2014	9,800	1,600	400 U	400 U	40 U	
VP-3-20	9/11/2014	7,300	840	400 U	400 U	40 U	
VP-3-20	3/2/2015	1,200	740	400 U	400 U	40 U	
VP-3-20	10/19/2015	4,100	1,100	400 U	400 U	40 U	
VP-3-20	1/18/2016	8,100	1,800	670	400 U	40 U	benzene = 80
VP-3-30	7/24/2008	100,000	14,000	130,000	7,000	400 U	1,1,2,2-TCA = 4,300
VP-3-30	3/17/2011	160,000	**60,000**	9,100	2,000 U	200 U	
VP-3-30	9/14/2011	35,000	8,100	120,000	5,100	160 U	
VP-3-30	3/21/2012	6,100	1,800	20,000	900	40 U	
VP-3-30	9/6/2012	22,000	4,400	44,000	1,900	60	
VP-3-30	3/6/2013	35,000	13,000	77,000	5,100	100	
VP-3-30	10/31/2013	29,000	9,700	48,000	3,900	270	
VP-3-30	3/11/2014	18,000	44,000	20000 U	20000 U	2000 U	
VP-3-30	9/11/2014	81,000	42,000	5,100	20000 U	100 U	
VP-3-30	9/12/2014	89,000	48,000	5,800	1000 U	100 U	
VP-3-30	3/2/2015	53,000	13,000	1,200	400 U	40 U	
VP-3-30	10/19/2015	11,000	5,200	65,000	400 U	40 U	chloroform = 90
VP-3-30	1/18/2016	16,000	6,200	70,000	400 U	40 U	
VP-3-30 (DUP)	10/31/2013	28,000	8,900	45,000	3,700	250	
VP-4-5	7/24/2008	25,000	500 U	1,000 U	1,000 U	500 U	
VP-4-5	3/17/2011	11,000	230	500 U	500 U	40 U	
VP-4-5	9/14/2011	18,000	540	500 U	500 U	40 U	
VP-4-5	3/21/2012	19,000	440	500 U	500 U	40 U	
VP-4-5	9/6/2012	13,000	290	400 U	400 U	40 U	
VP-4-5	3/6/2013	13,000	340	400 U	400 U	40 U	
VP-4 Abandoned October 25, 2013							

Table 7
Soil Vapor Analytical Results
January 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Soil Vapor Well (ft bgs)	Sample Date	EPA 8260					
		PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	VINYL CHLORIDE	OTHERS
Proposed Soil Gas Cleanup Goals 5 feet bgs (µg/m^3)		**42,000**	**15,000**	**47,000**	NA	**2,200**	
Proposed Soil Gas Cleanup Goals 10 feet bgs (µg/m^3)		**70,000**	**23,000**	**70,000**	NA	**3,200**	
Proposed Soil Gas Cleanup Goals 20 feet bgs (µg/m^3)		**125,000**	**40,000**	**116,000**	NA	**5,100**	
Proposed Soil Gas Cleanup Goals 30 feet bgs (µg/m^3)		**180,000**	**57,000**	**163,000**	NA	**7,100**	
VP-4-5 (DUP)	3/21/2012	19,000	470	500 U	500 U	40 U	
VP-4-10	7/24/2008	42,000	2,600	1,000 U	1,000 U	500 U	
VP-4-10	3/17/2011	Well blocked, no samples obtained					
VP-4-10	9/14/2011	Well blocked, no samples obtained					
VP-4-10	3/21/2012	Well blocked, no samples obtained					
VP-4-10	9/6/2012	Well blocked, no samples obtained					
VP-4-10	3/6/2013	Well blocked, no samples obtained					
VP-4 Abandoned October 25, 2013							
VP-4-20	7/24/2008	**150,000**	16,000	8,600	2,000	500 U	
VP-4-20	3/17/2011	Well blocked, no samples obtained					
VP-4-20	9/14/2011	Well blocked, no samples obtained					
VP-4-20	3/21/2012	Well blocked, no samples obtained					
VP-4-20	9/6/2012	Well blocked, no samples obtained					
VP-4-20	3/6/2013	Well blocked, no samples obtained					
VP-4 Abandoned October 25, 2013							
VP-4-30	7/24/2008	120,000	13,000	16,000	3,000	500 U	
VP-4-30	3/17/2011	33,000	7,900	9,700	2,300	40 U	
VP-4-30	9/14/2011	79,000	7,400	2,700	870	40 U	
VP-4-30	3/21/2012	Well blocked, no samples obtained					
VP-4-30	9/6/2012	170,000	5,200	8,600	750	40 U	
VP-4-30	3/6/2013	120,000	12,000	120,000	7,600	40 U	
VP-4 Abandoned October 25, 2013							
VP-4-30 (DUP)	3/17/2011	30,000	7,400	9,100	2,100	40 U	
VP-4-30 (DUP)	9/14/2011	79,000	7,000	2,400	810	40 U	
VP-4 Abandoned October 25, 2013							
VP-4R-5	10/30/2013	41,000	1,400	400 U	400 U	40 U	
VP-4R-5	3/10/2014	80 U	80 U	400 U	400 U	40 U	
VP-4R-5	9/11/2014	880	80 U	400 U	400 U	40 U	
VP-4R-5	3/3/2015	80 U	80 U	400 U	400 U	40 U	
VP-4R-5	10/19/2015	460	80 U	400 U	400 U	40 U	
VP-4R-5	1/19/2016	490	80 U	400 U	400 U	40 U	
VP-4R-5 (DUP)	10/30/2013	42,000	1,500	400 U	400 U	40 U	
VP-4R-5 (DUP)	3/10/2014	80 U	80 U	400 U	400 U	40 U	
VP-4R-10	10/30/2013	**170,000**	5,800	400 U	670	40 U	
VP-4R-10	3/10/2014	640	80 U	400 U	400 U	40 U	
VP-4R-10	9/11/2014	660	80 U	400 U	400 U	40 U	
VP-4R-10	3/3/2015	120	80 U	400 U	400 U	40 U	
VP-4R-10	10/19/2015	1,900	80 U	400 U	400 U	40 U	
VP-4R-10	1/19/2016	2,000	80 U	400 U	400 U	40 U	
VP-4R-10 (DUP)	1/19/2016	1,900	80 U	400 U	400 U	40 U	
VP-4R-20	10/30/2013	**260,000**	21,000	5,600	4,200	40 U	
VP-4R-20	3/10/2014	500	80 U	400 U	400 U	40 U	
VP-4R-20	9/11/2014	540	80 U	400 U	400 U	40 U	
VP-4R-20	3/3/2015	230	80 U	400 U	400 U	40 U	
VP-4R-20	10/19/2015	4,700	160	400 U	400 U	40 U	
VP-4R-20	1/19/2016	5,300	190	400 U	400 U	40 U	
VP-4R-30	10/30/2013	**280,000**	38,000	11,000	16,000	40 U	
VP-4R-30	3/11/2014	600	80 U	400 U	400 U	40 U	

Table 7
Soil Vapor Analytical Results
January 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Soil Vapor Well (ft bgs)	Sample Date	EPA 8260					
		PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	VINYL CHLORIDE	OTHERS
Proposed Soil Gas Cleanup Goals 5 feet bgs (µg/m^3)		**42,000**	**15,000**	**47,000**	NA	**2,200**	
Proposed Soil Gas Cleanup Goals 10 feet bgs (µg/m^3)		**70,000**	**23,000**	**70,000**	NA	**3,200**	
Proposed Soil Gas Cleanup Goals 20 feet bgs (µg/m^3)		**125,000**	**40,000**	**116,000**	NA	**5,100**	
Proposed Soil Gas Cleanup Goals 30 feet bgs (µg/m^3)		**180,000**	**57,000**	**163,000**	NA	**7,100**	
VP-4R-30	9/11/2014	690	80 U	400 U	400 U	40 U	benzene = 90
VP-4R-30	3/3/2015	910	80 U	400 U	400 U	40 U	
VP-4R-30	10/19/2015	5,400	140	400 U	400 U	40 U	
VP-4R-30	1/19/2016	7,100	170	400 U	400 U	40 U	
VP-5-5	7/25/2008	9,600	3,800	800 U	800 U	400 U	
VP-5-5	3/17/2011	5,000	3,400	500 U	500 U	40 U	
VP-5-5	9/15/2011	4,300	1,800	500 U	500 U	40 U	
VP-5-5	3/22/2012	4,300	2,700	500 U	500 U	40 U	
VP-5-5	9/6/2012	4,200	2,200	400 U	400 U	40 U	
VP-5-5	3/7/2013	2,200	1,900	470	400 U	40 U	
VP-5-5	10/31/2013	3,600	1,800	400 U	400 U	40 U	
VP-5-5	3/10/2014	80 U	80 U	400 U	400 U	40 U	chloroform = 180
VP-5-5	9/12/2014	80 U	80 U	400 U	400 U	40 U	
VP-5-5	3/2/2015	80 U	80 U	400 U	400 U	40 U	
VP-5-5	10/19/2015	400	80 U	400 U	400 U	40 U	
VP-5-5	1/18/2016	320	80 U	400 U	400 U	40 U	benzene = 80
VP-5-5	9/12/2014	80 U	80 U	400 U	400 U	40 U	
VP-5-10	7/25/2008	16,000	9,700	4,400	800 U	400 U	
VP-5-10	3/17/2011	9,900	6,900	500 U	500 U	40 U	
VP-5-10	9/15/2011	8,000	3,600	500 U	500 U	40 U	
VP-5-10	3/22/2012	10,000	8,000	600	500 U	40 U	
VP-5-10	9/6/2012	6,000	3,900	400 U	400 U	40 U	
VP-5-10	3/7/2013	6,600	5,400	2,000	400 U	40 U	
VP-5-10	10/31/2013	6,800	4,400	1,900	400 U	40 U	
VP-5-10	3/10/2014	80 U	80 U	400 U	400 U	40 U	chloroform = 90
VP-5-10	9/12/2014	80 U	80 U	400 U	400 U	40 U	
VP-5-10	3/2/2015	80 U	80 U	400 U	400 U	40 U	
VP-5-10	10/19/2015	570	80 U	400 U	400 U	40 U	
VP-5-10	1/18/2016	590	80 U	400 U	400 U	40 U	benzene = 80
VP-5-10 (DUP)	3/2/2015	80 U	80 U	400 U	400 U	40 U	
VP-5-20	7/25/2008	35,000	28,000	29,000	2,000	400 U	
VP-5-20	3/17/2011	36,000	35,000	6,300	1,100	40 U	
VP-5-20	9/15/2011	25,000	17,000	3,700	580	40 U	benzene = 160
VP-5-20	3/22/2012	26,000	26,000	12,000	1,500	40 U	
VP-5-20	9/7/2012	17,000	13,000	6,800	540	40 U	
VP-5-20	3/7/2013	18,000	18,000	15,000	1,700	40 U	
VP-5-20	10/31/2013	15,000	12,000	15,000	1,100	40 U	
VP-5-20	3/10/2014	140	80 U	400 U	400 U	40 U	
VP-5-20	9/12/2014	1,800	140	400 U	400 U	40 U	
VP-5-20	3/2/2015	1,600	90	400 U	400 U	40 U	
VP-5-20	10/19/2015	1,300	150	400 U	400 U	40 U	
VP-5-20	1/18/2016	1,200	250	400 U	400 U	40 U	
VP-5-20 (DUP)	10/19/2015	1,100	130	400 U	400 U	40 U	
VP-5-30	7/25/2008	25,000	14,000	23,000	3,400	480	1,1,2,2-TCA = 3,000
VP-5-30	3/18/2011	16,000	13,000	4,000	730	40 U	
VP-5-30	9/15/2011	14,000	8,700	2,800	650	40 U	benzene = 210
VP-5-30	3/22/2012	15,000	9,400	5,500	820	40 U	
VP-5-30	9/7/2012	14,000	6,600	3,200	400	40 U	
VP-5-30	3/7/2013	12,000	6,400	3,700	490	40 U	
VP-5-30	10/31/2013	8,000	4,200	3,300	400 U	40 U	
VP-5-30	3/10/2014	190	80 U	400 U	400 U	40 U	

Table 7
Soil Vapor Analytical Results
January 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Soil Vapor Well (ft bgs)	Sample Date	EPA 8260					
		PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	VINYL CHLORIDE	OTHERS
Proposed Soil Gas Cleanup Goals 5 feet bgs (µg/m^3)		**42,000**	**15,000**	**47,000**	NA	**2,200**	
Proposed Soil Gas Cleanup Goals 10 feet bgs (µg/m^3)		**70,000**	**23,000**	**70,000**	NA	**3,200**	
Proposed Soil Gas Cleanup Goals 20 feet bgs (µg/m^3)		**125,000**	**40,000**	**116,000**	NA	**5,100**	
Proposed Soil Gas Cleanup Goals 30 feet bgs (µg/m^3)		**180,000**	**57,000**	**163,000**	NA	**7,100**	
VP-5-30	9/12/2014	200 U	200 U	1000 U	1000 U	100 U	
VP-5-30	3/2/2015	470	80 U	400 U	400 U	40 U	
VP-5-30	10/19/2015	1,200	160	400 U	400 U	40 U	
VP-5-30	1/18/2016	1,500	290	400 U	400 U	40 U	
VP-5-30 (DUP)	3/18/2011	15,000	13,000	4,000	720	40 U	
VP-5-30 (DUP)	9/15/2011	14,000	8,600	2,700	680	40 U	benzene = 320
VP-6-5	7/24/2008	**60,000**	4,000	1,700	400 U	200 U	
VP-6-5	3/17/2011	100 U	100 U	500 U	500 U	40 U	
VP-6-5	9/14/2011	9,000	440	500 U	500 U	40 U	
VP-6-5	3/21/2012	4,200	290	500 U	500 U	40 U	
VP-6-5	9/6/2012	5,300	230	400 U	400 U	40 U	
VP-6-5	3/6/2013	2,000	140	400 U	400 U	40 U	
VP-6-5	10/31/2013	4,600	270	400 U	400 U	40 U	
VP-6-5	3/10/2014	90	80 U	400 U	400 U	40 U	
VP-6-5	9/12/2014	150	80 U	400 U	400 U	40 U	
VP-6-5	3/2/2015	80 U	80 U	400 U	400 U	40 U	
VP-6-5	10/19/2015	510	80 U	400 U	400 U	40 U	
VP-6-5	1/18/2016	270	80 U	400 U	400 U	40 U	
VP-6-10	7/24/2008	54,000	5,500	3,600	400 U	200 U	
VP-6-10	3/17/2011	4,800	610	500 U	500 U	40 U	
VP-6-10	9/14/2011	15,000	1,000	500 U	500 U	40 U	
VP-6-10	3/21/2012	6,500	610	500 U	500 U	40 U	
VP-6-10	9/6/2012	4,900	220	400 U	400 U	40 U	
VP-6-10	3/6/2013	3,100	290	400 U	400 U	40 U	benzene = 90
VP-6-10	10/31/2013	8,200	400	400 U	400 U	40 U	
VP-6-10	3/10/2014	450	80 U	400 U	400 U	40 U	
VP-6-10	9/12/2014	530	80 U	400 U	400 U	40 U	
VP-6-10	3/2/2015	80 U	80 U	400 U	400 U	40 U	
VP-6-10	10/19/2015	1,200	100	400 U	400 U	40 U	
VP-6-10	1/18/2016	690	80 U	400 U	400 U	40 U	benzene = 80
VP-6-20	7/24/2008	58,000	6,700	22,000	1,900	200 U	
VP-6-20	3/17/2011	14,000	2,800	920	500 U	40 U	
VP-6-20	9/14/2011	17,000	1,600	500 U	500 U	40 U	
VP-6-20	3/21/2012	11,000	1,800	500 U	500 U	40 U	
VP-6-20	9/6/2012	2,600	190	400 U	400 U	40 U	
VP-6-20	3/6/2013	6,000	770	400 U	400 U	40 U	benzene = 90
VP-6-20	10/31/2013	8,600	610	400 U	400 U	40 U	
VP-6-20	3/10/2014	2,000	80	400 U	400 U	40 U	
VP-6-20	9/12/2014	3,000	90	400 U	400 U	40 U	
VP-6-20	3/2/2015	2,400	80	400 U	400 U	40 U	
VP-6-20	10/19/2015	2,100	150	400 U	400 U	40 U	
VP-6-20	1/18/2016	2,200	150	400 U	400 U	40 U	benzene = 80
VP-6-30	7/24/2008	91,000	9,200	33,000	2,500	200 U	
VP-6-30	3/17/2011	9,600	2,900	3,200	890	40 U	
VP-6-30	9/14/2011	11,000	1,400	500	500 U	40 U	
VP-6-30	3/21/2012	9,100	2,500	500 U	500 U	40 U	
VP-6-30	9/6/2012	4,200	290	400 U	400 U	40 U	
VP-6-30	3/6/2013	5,400	1,000	780	400 U	40 U	
VP-6-30	10/31/2013	6,200	490	400 U	400 U	40 U	
VP-6-30	3/10/2014	4,500	270	400 U	400 U	40 U	
VP-6-30	9/12/2014	1,100	80 U	400 U	400 U	40 U	
VP-6-30	3/2/2015	1,600	80 U	400 U	400 U	40 U	
VP-6-30	10/19/2015	2,200	120	400 U	400 U	40 U	

Table 7
Soil Vapor Analytical Results
January 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Soil Vapor Well (ft bgs)	Sample Date	EPA 8260					
		PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	VINYL CHLORIDE	OTHERS
Proposed Soil Gas Cleanup Goals 5 feet bgs (µg/m^3)		**42,000**	**15,000**	**47,000**	NA	**2,200**	
Proposed Soil Gas Cleanup Goals 10 feet bgs (µg/m^3)		**70,000**	**23,000**	**70,000**	NA	**3,200**	
Proposed Soil Gas Cleanup Goals 20 feet bgs (µg/m^3)		**125,000**	**40,000**	**116,000**	NA	**5,100**	
Proposed Soil Gas Cleanup Goals 30 feet bgs (µg/m^3)		**180,000**	**57,000**	**163,000**	NA	**7,100**	
VP-6-30	1/18/2016	2,100	160	400 U	400 U	40 U	
VP-6-30 (DUP)	1/18/2016	2,100	140	400 U	400 U	40 U	benzene = 80
VP-7-5	7/25/2008	36,000	760	800 U	800 U	400 U	
VP-7-5	3/18/2011	5,700	200	500 U	500 U	40 U	
VP-7-5	9/15/2011	11,000	770	2,700	500 U	40 U	benzene = 180
VP-7-5	3/22/2012	7,400	510	2,700	500 U	40 U	
VP-7-5	9/7/2012	9,600	360	400 U	400 U	40 U	
VP-7-5	3/7/2013	5,100	190	400 U	400 U	40 U	
VP-7-5	11/1/2013	8,800	280	400 U	400 U	40 U	
VP-7-5	3/10/2014	3,700	140	400 U	400 U	40 U	
VP-7-5	9/12/2014	6,200	270	400 U	400 U	40 U	
VP-7-5	3/2/2015	1,800	90	400 U	400 U	40 U	
VP-7-5	10/20/2015	3,300	210	400 U	400 U	40 U	
VP-7-10	7/25/2008	30,000	760	800 U	800 U	400 U	
VP-7-10	3/18/2011	4,600	100	500 U	500 U	40 U	
VP-7-10	9/15/2011	9,100	310	500 U	500 U	40 U	benzene = 230
VP-7-10	3/22/2012	7,200	290	500 U	500 U	40 U	
VP-7-10	9/7/2012	8,800	250	400 U	400 U	40 U	
VP-7-10	3/7/2013	4,800	120	400 U	400 U	40 U	
VP-7-10	11/1/2013	9,100	280	400 U	400 U	40 U	
VP-7-10	3/10/2014	2,300	80 U	400 U	400 U	40 U	
VP-7-10	9/12/2014	5,500	220	400 U	400 U	40 U	
VP-7-10	3/2/2015	1,200	80 U	400 U	400 U	40 U	
VP-7-10	10/20/2015	2,600	120	400 U	400 U	40 U	
VP-7-10 (DUP)	9/7/2012	8,100	280	400 U	400 U	40 U	
VP-7-20	7/25/2008	32,000	440	800 U	800 U	400 U	
VP-7-20	3/18/2011	11,000	100 U	500 U	500 U	40 U	
VP-7-20	9/15/2011	16,000	100 U	500 U	500 U	40 U	
VP-7-20	3/22/2012	12,000	100 U	500 U	500 U	40 U	
VP-7-20	9/7/2012	16,000	80 U	400 U	400 U	40 U	
VP-7-20	3/7/2013	11,000	80 U	400 U	400 U	40 U	
VP-7-20	11/1/2013	15,000	80 U	400 U	400 U	40 U	benzene = 90
VP-7-20	3/10/2014	2,900	80 U	400 U	400 U	40 U	
VP-7-20	9/12/2014	1,800	80 U	400 U	400 U	40 U	
VP-7-20	3/2/2015	870	80 U	400 U	400 U	40 U	
VP-7-20	10/20/2015	3,100	80 U	400 U	400 U	40 U	
VP-7-30	7/25/2008	48,000	680	800 U	800 U	400 U	
VP-7-30	3/18/2011	16,000	100 U	500 U	500 U	40 U	
VP-7-30	9/15/2011	12,000	100 U	500 U	500 U	40 U	
VP-7-30	3/22/2012	14,000	100 U	500 U	500 U	40 U	
VP-7-30	9/7/2012	9,400	80 U	400 U	400 U	40 U	
VP-7-30	3/7/2013	10,000	80 U	400 U	400 U	40 U	
VP-7-30	11/1/2013	13,000	80 U	400 U	400 U	40 U	
VP-7-30	3/10/2014	3,300	80 U	400 U	400 U	40 U	
VP-7-30	9/12/2014	2,500	80 U	400 U	400 U	40 U	
VP-7-30	3/3/2015	1,700	80 U	400 U	400 U	40 U	
VP-7-30	10/20/2015	3,400	80 U	400 U	400 U	40 U	

Table 7
Soil Vapor Analytical Results
January 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Soil Vapor Well (ft bgs)	Sample Date	EPA 8260					
		PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	VINYL CHLORIDE	OTHERS
Proposed Soil Gas Cleanup Goals 5 feet bgs (µg/m^3)		**42,000**	**15,000**	**47,000**	NA	**2,200**	
Proposed Soil Gas Cleanup Goals 10 feet bgs (µg/m^3)		**70,000**	**23,000**	**70,000**	NA	**3,200**	
Proposed Soil Gas Cleanup Goals 20 feet bgs (µg/m^3)		**125,000**	**40,000**	**116,000**	NA	**5,100**	
Proposed Soil Gas Cleanup Goals 30 feet bgs (µg/m^3)		**180,000**	**57,000**	**163,000**	NA	**7,100**	
VP-7-30 (DUP)	3/7/2013	10,000	80 U	400 U	400 U	40 U	
VP-7-30 (DUP)	3/3/2015	1,400	80 U	400 U	400 U	40 U	
VP-8-5	7/24/2008	**56,000**	6,600	24,000	1,900	100 U	1,1,2,2-TCA = 430
VP-8-5	3/18/2011	Well blocked, no samples obtained					
VP-8-5	9/14/2011	Well blocked, no samples obtained					
VP-8-5	3/21/2012	Well blocked, no samples obtained					
VP-8-5	9/7/2012	Well blocked, no samples obtained					
		VP-8 Abandoned October 25, 2013					
VP-8-20	7/24/2008	43,000	5,700	19,000	1,400	100 U	1,1,2,2-TCA = 570
VP-8-20	3/18/2011	Well blocked, no samples obtained					
VP-8-20	9/14/2011	Well blocked, no samples obtained					
VP-8-20	3/21/2012	Well blocked, no samples obtained					
VP-8-20	9/7/2012	Well blocked, no samples obtained					
		VP-8 Abandoned October 25, 2013					
VP-8-30	7/24/2008	3,400	240	200 U	200 U	100 U	
VP-8-30	3/18/2011	Well blocked, no samples obtained					
VP-8-30	9/14/2011	Well blocked, no samples obtained					
VP-8-30	3/21/2012	Well blocked, no samples obtained					
VP-8-30	9/7/2012	Well blocked, no samples obtained					
		VP-8 Abandoned October 25, 2013					
VP-8R-5	10/30/2013	270	80 U	400 U	400 U	40 U	
VP-8R-5	3/11/2014	400 U	80 U	400 U	400 U	40 U	
VP-8R-5	9/12/2014	570	140	400 U	400 U	40 U	
VP-8R-5	3/2/2015	80 U	80 U	400 U	400 U	40 U	
VP-8R-5	10/20/2015	80 U	80 U	400 U	400 U	40 U	
VP-8R-10	11/1/2013	170	80 U	400 U	400 U	40 U	
VP-8R-10	3/11/2014	80 U	80 U	400 U	400 U	40 U	
VP-8R-10	9/12/2014	210	80 U	400 U	400 U	40 U	
VP-8R-10	3/2/2015	80 U	80 U	400 U	400 U	40 U	
VP-8R-10	10/20/2015	80 U	80 U	400 U	400 U	40 U	
VP-8R-20	11/1/2013	850	80 U	400 U	400 U	40 U	
VP-8R-20	3/11/2014	290	80 U	400 U	400 U	40 U	
VP-8R-20	9/12/2014	390	80 U	400 U	400 U	40 U	
VP-8R-20	3/2/2015	280	80 U	400 U	400 U	40 U	
VP-8R-20	10/20/2015	250	80 U	400 U	400 U	40 U	
VP-8R-30	11/1/2013	1,300	80 U	400 U	400 U	40 U	
VP-8R-30	3/11/2014	420	80 U	400 U	400 U	40 U	
VP-8R-30	9/12/2014	250	80 U	400 U	400 U	40 U	
VP-8R-30	3/2/2015	110	80 U	400 U	400 U	40 U	
VP-8R-30	10/20/2015	220	80 U	400 U	400 U	40 U	
VP-8R-30 (DUP)	11/1/2013	1,200	80 U	400 U	400 U	40 U	
VP-8R-30 (DUP)	3/11/2014	330	80 U	400 U	400 U	40 U	
Soil Vapor Extraction Well Analytical Summary							

Table 7
Soil Vapor Analytical Results
January 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Soil Vapor Well (ft bgs)	Sample Date	EPA 8260					
		PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	VINYL CHLORIDE	OTHERS
Proposed Soil Gas Cleanup Goals 5 feet bgs (µg/m^3)		**42,000**	**15,000**	**47,000**	NA	**2,200**	
Proposed Soil Gas Cleanup Goals 10 feet bgs (µg/m^3)		**70,000**	**23,000**	**70,000**	NA	**3,200**	
Proposed Soil Gas Cleanup Goals 20 feet bgs (µg/m^3)		**125,000**	**40,000**	**116,000**	NA	**5,100**	
Proposed Soil Gas Cleanup Goals 30 feet bgs (µg/m^3)		**180,000**	**57,000**	**163,000**	NA	**7,100**	
SVE-1	10/28/2013	**510,000**	32,000	19,000	5,500	40 U	benzene = 90
SVE-1	3/10/2014	2,500	170	12	7.9 U	5.1 U	acetone = 25; bromodichloromethane = 17; chloroform = 41;
SVE-1	9/10/2014	3.4 U	2.7 U	2.0 U	2.0 U	1.3 U	acetone = 21; chloromethane = 1.4; dichlorodifluoromethane = 3.6;
SVE-1	3/4/2015	400	3.8	2.0 U	2.0 U	1.3 U	acetone = 5.8; chloroform = 13; dichlorodifluoromethane = 3.4; 4-ethyltoluene = 5.4; toluene = 2.9; 1,2,4-trimethylbenzene = 37; 1,3,5-trimethylbenzene = 7.3; o-xylene = 3.0;
SVE-2	10/28/2013	**2,100,000**	**54,000**	19,000	3,800	40 U	chloroform = 100; benzene = 120
SVE-2	3/10/2014	8,200	260	21	16 U	10 U	
SVE-2	9/10/2014	4,200	12	4.1	4.1 U	2.6 U	acetone = 25;
SVE-2	3/4/2015	2,300	7.0	2.6	2.0 U	1.3 U	acetone = 19;
SVE-3	10/28/2013	120,000	6,400	30,000	2,800	40 U	
SVE-3	3/10/2014	2,300	380	31	9.9 U	6.4 U	acetone = 48; benzene = 89; chloroform = 37; ethylbenzene = 29; toluene = 62
SVE-3	9/10/2014	830	19	2.3 U	2.3 U	1.5 U	acetone = 19; bromodichloromethane = 4.6; chloroform = 49; dichlorodifluoromethane = 3.9; toluene = 2.5; 1,1,1-TCA = 12;
SVE-3	3/4/2015	430	6.1	2.0 U	2.0 U	1.3 U	acetone = 6.1; benzene = 1.9; chloroform = 18; ethylbenzene = 3.3; 4-ethyltoluene = 3.1; 1,2,4-trimethylbenzene = 11; 1,3,5-trimethylbenzene = 3.3; p/m-xylene = 11;
SVE-4	10/28/2013	**970,000**	26,000	100,000	7,100	40 U	benzene = 110; chloroform = 100;
SVE-4	3/10/2014	16,000	7,300	1,600	79 U	51 U	
SVE-4	9/10/2014	22,000	2,700	590	79 U	51 U	
SVE-4	3/4/2015	11,000	390	100	20 U	13 U	
SVE-5	10/28/2013	**260,000**	6,300	48,000	4,100	40 U	benzene = 100
SVE-5	3/10/2014	8,100	7,200	870	40 U	26 U	2-butanone = 93, benzene = 46
SVE-5	9/10/2014	2,100	120	43	7.9 U	5.1 U	acetone = 25;
SVE-5	3/4/2015	180	13	2.0 U	2.0 U	1.3 U	
SVE-5 Rep.	10/28/2013	**270,000**	8,400	66,000	5,400	500 U	
SVE-6	10/28/2013	77,000	2,800	4,400	450	40 U	benzene = 180
SVE-6	3/10/2014	14	4.3	2.0 U	2.0 U	1.3 U	dichlorodifluoromethane = 3.0; toluene =
SVE-6	9/10/2014	160	4.1	2.0 U	2.0 U	1.3 U	chloromethane = 3.0; toluene = 4.7; 1,1,1-
SVE-6	3/4/2015	99	2.7 U	2.0 U	2.0 U	1.3 U	acetone = 14; chloroform = 19;
SVE-7	10/28/2013	73,000	11,000	13,000	1,100	40 U	
SVE-7	3/10/2014	13,000	15,000	2,200	44	26 U	benzene = 37; toluene = 50
SVE-7	9/10/2014	17,000	2,200	350	79 U	51 U	
SVE-7	3/4/2015	15,000	1,100	120	79 U	51 U	
SVE-8	10/28/2013	6,900	610	400 U	400 U	40 U	o-xylene = 410; m,p-xylene = 1,400;
SVE-8	3/10/2014	2,400	620	37	3.2 U	2.0 U	chloroform = 5.1; chloromethane = 1.8;
SVE-8	9/10/2014	620	27 U	20 U	20 U	13 U	
SVE-8	3/4/2015	870	19	5.0 U	5.0 U	3.2 U	
SVE-9	10/28/2013	89,000	**51,000**	77,000	4,100	40	benzene = 110

Table 7
Soil Vapor Analytical Results
January 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Soil Vapor Well (ft bgs)	Sample Date	EPA 8260					
		PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	VINYL CHLORIDE	OTHERS
Proposed Soil Gas Cleanup Goals 5 feet bgs (µg/m^3)		**42,000**	**15,000**	**47,000**	NA	**2,200**	
Proposed Soil Gas Cleanup Goals 10 feet bgs (µg/m^3)		**70,000**	**23,000**	**70,000**	NA	**3,200**	
Proposed Soil Gas Cleanup Goals 20 feet bgs (µg/m^3)		**125,000**	**40,000**	**116,000**	NA	**5,100**	
Proposed Soil Gas Cleanup Goals 30 feet bgs (µg/m^3)		**180,000**	**57,000**	**163,000**	NA	**7,100**	
SVE-9	3/10/2014	22,000	21,000	2,300	90	50 U	
SVE-9	9/10/2014	43,000	9,800	760	79 U	51 U	
SVE-9	3/4/2015	54,000	3,700	350	9.9 U	6.4 U	
SVE-10	10/28/2013	6,500	1,900	11,000	1,700	120	benzene = 110
SVE-10	3/10/2014	6,300	370	79	18	5.0	acetone = 51; chloroform = 13; dichlorodifluoromethane = 10; 1,1,2-trichloro-1,2,2-trifluoroethane = 57;
SVE-10	9/10/2014	4,000	210	130	9.3	9.7	acetone = 33; benzene = 2.0; chloroform = 9.0; chloromethane = 3.7; dichlorodifluoromethane = 5.7; toluene = 4.7; 1,1,1-TCA = 5.1;
SVE-10	3/4/2015	5,700	190	34	2.8	1.3 U	acetone = 14; chloroform = 6.4; dichlorodifluoromethane = 4.9; 1,1,1-trichloroethane = 4.9;
SVE-11	10/28/2013	45,000	**42,000**	**120,000**	8,000	160	benzene = 120
SVE-11	3/10/2014	2,300	130	59	4.5	4.9	acetone = 31; bromodichloromethane = 8.4; 2-butanone = 8.3; chloroform = 32; dichlorodifluoromethane = 5.3; 1,1,1-TCA = 5.9;
SVE-11	9/10/2014	2,800	120	7.4	4.9 U	3.2 U	acetone = 22; chloroform = 22; 1,1,1-TCA = 9.0;
SVE-11	3/4/2015	3,000	100	9.9 U	9.9 U	6.4 U	

Concentrations in bold print are above the proposed risk-based soil gas cleanup goals.
(Refer to *Calculation of Site-Specific Soil Gas Cleanup Goals* letter, dated February 26, 2015)

Notes:

*	Elevated vacumm encountered during sampling.
µg/m^3:	Micrograms per cubic meter
---:	Well not sampled due to damage or vacuum
U:	Non-detect at or below method detection limit for samples
E:	The concentration indicated for this anlayte is an estimated value above the calibration range of the instrument.
ft bgs:	Feet below ground surface
NE:	Not Established
R	Replacement vapor point
Concentration Units:	Laboratory analytical results were published in units of µg/L. Values on Table 4 have been converted to units of µg/m3.

TABLE 8
SVE SYSTEM: OPERATIONAL DATA
AmeriPride Services Inc.
3505 N. Pasadena Ave., Los Angeles, CA
Burns & McDonnell Project No. 89698

Well	Date	Wellhead Vacuum ("H_2O)	Manifold Vacuum ("H_2O)	Manifold Vacuum ("Hg)	Differential Pressure ("H_2O)	Flow Rate (scfm)	PID Reading (PPM, as Isobutylene)	PID Reading (PPM, as hexane)	Pre-Blower Temperature (°F)	Post-Blower Temperature (°F)	Grab Sample Collected? (Time Collected)
	12/4/2013	NA	-6.6	-0.49	0.60	42	130	559	63	89	No
	12/5/2013	-4.2	-7.4	-0.54	0.55	41	58.0	249	63	92	No
	12/6/2013	-4.7	-6.5	-0.48	0.55	41	11.0	47	63	91	No
	12/12/2013	-5.1	-7.7	-0.57	0.55	41	88.0	378	62	92	No
	12/20/2013	NA	-8.0	-0.59	0.55	41	94.1	405	62	90	No
	12/31/2013	NA	-9.9	-0.73	0.55	40	NA	NA	65	89	No
	1/6/2014	NA	-8.2	-0.61	0.45	37	NA	NA	61	82	No
	1/10/2014	-12.2	-8.0	-0.59	0.55	40	13.3	57	69	100	No
	1/24/2014	NA	-7.5	-0.55	0.55	40	NA	NA	68	98	No
	1/31/2014	NA	-7.6	-0.56	NA	NA	NA	NA	63	90	No
	2/7/2014	-6.1	-7.3	-0.54	0.70	46	38.6	166	69	94	No
	3/10/2014	-6.1	-8.4	-0.62	0.90	51	71.5	307	74	104	19:50
	4/1/2014	-3.7	-4.4	-0.32	0.50	39	34.1	147	64	93	No
	5/9/2014	-3.5	-4.2	-0.31	0.45	36	19.5	84	81	99	No
	6/11/2014	NA	NA	NA	NA	NA	NA	NA	NA	NA	No
	7/3/2014	-3.9	-4.1	-0.30	0.40	34	18.2	78	80	111	No
	8/1/2014	-3.9	-3.5	-0.26	0.35	32	11.7	50	91	128	No
	9/10/2014	-3.7	-3.6	-0.26	0.25	27	13.4	58	89	126	18:24
SVE-1	10/10/2014	-4.5	-4.9	-0.36	0.29	29	4.9	21	82	102	No
	11/5/2014	-3.2	-3.4	-0.25	0.25	27	11.3	49	80	122	No
	11/5/2014	---	---	---	---	---	---	---	---	---	---
	12/8/2014	---	---	---	---	---	---	---	---	---	---
	12/8/2014	-2.8	-3.0	-0.22	0.15	21	13.1	56	70	122	No
	1/6/2015	-3.6	-3.0	-0.22	0.25	27	4.5	19	70	112	No
	2/4/2015	-3.7	-4.0	-0.30	0.20	24	7.8	34	70	112	No
	2/4/2015	---	---	---	---	---	---	---	---	---	---
	3/4/2015	---	---	---	---	---	---	---	---	---	---
	3/4/2015	-3.3	-3.3	-0.24	0.25	27	5.9	25	70	111	13:08
	3/4/2015	-2.8	-3.0	-0.22	0.25	27	5.2	22	70	111	No
	4/1/2015	-2.8	-3.0	-0.22	0.25	27	9.7	42	74	119	No
	4/1/2015	---	---	---	---	---	---	---	---	---	---
	5/6/2015	---	---	---	---	---	---	---	---	---	---
	5/19/2015	-2.7	-3.0	-0.22	0.20	24	9.9	43	76	108	No
	6/1/2015	-1.7	-3.0	-0.22	0.30	30	3.9	17	76	120	No
	6/1/2015	---	---	---	---	---	---	---	---	---	---
	7/7/2015	---	---	---	---	---	---	---	---	---	---
	12/4/2013	-3.7	-6.1	-0.45	0.75	48	666	2864	63	89	No
	12/5/2013	-3.5	-7.0	-0.51	0.70	46	404	1737	63	92	No
	12/6/2013	-4.0	-6.8	-0.50	0.85	51	113	486	63	91	No
	12/12/2013	-4.3	-7.6	-0.56	0.90	52	217	933	62	92	No
	12/20/2013	NA	-8.5	-0.62	0.95	53	192	826	62	90	No
	12/31/2013	NA	-9.9	-0.73	0.90	52	NA	NA	65	89	No
	1/6/2014	NA	-8.6	-0.63	0.75	47	NA	NA	61	82	No
	1/10/2014	-10.9	-7.8	-0.57	0.90	52	19.8	85	69	100	No
	1/24/2014	NA	-7.1	-0.52	0.70	46	NA	NA	68	98	No
	1/31/2014	NA	-7.7	-0.57	NA	NA	NA	NA	63	90	No
	2/7/2014	-4.5	-7.2	-0.53	0.85	50	152	654	69	94	No
	3/10/2014	-8.9	-8.3	-0.61	1.05	55	96.6	415	74	104	19:42
	4/1/2014	-4.0	-6.0	-0.44	0.85	51	28.5	123	64	93	No
	5/9/2014	-3.1	-5.0	-0.37	0.70	45	20.1	86	81	99	No
	6/11/2014	-3.3	-3.4	-0.25	1.05	55	41.7	179	82	122	No
	7/3/2014	-2.4	-4.0	-0.29	0.55	40	18.6	80	80	111	No
	8/1/2014	-2.3	-3.7	-0.27	0.55	40	12.8	55	91	128	No
	9/10/2014	-2.2	-3.6	-0.27	0.55	40	14.1	61	89	126	18:12
SVE-2	10/10/2014	-2.2	-3.7	-0.27	0.39	34	5.8	25	82	102	No
	11/5/2014	-2.1	-3.6	-0.26	0.45	36	2.5	11	80	122	No
	11/5/2014	-2.7	-4.0	-0.29	0.55	40	24.0	103	72	112	No
	12/8/2014	-2.3	-4.0	-0.29	0.55	41	13.5	58	69	116	No
	12/8/2014	---	---	---	---	---	---	---	---	---	---
	1/6/2015	---	---	---	---	---	---	---	---	---	---
	2/4/2015	---	---	---	---	---	---	---	---	---	---
	2/4/2015	-2.3	-5.0	-0.37	0.55	41	11	47	69	111	No
	3/4/2015	-2.8	-5.3	-0.39	0.65	44	8.1	35	69	110	No
	3/4/2015	-2.0	-3.0	-0.22	0.35	32	7.8	34	70	111	13:28
	3/4/2015	---	---	---	---	---	---	---	---	---	---
	4/1/2015	---	---	---	---	---	---	---	---	---	---
	4/1/2015	-1.9	-5.3	-0.39	0.50	39	4.2	18	72	117	No
	5/6/2015	-2.7	-5.3	-0.39	0.85	50	7.3	31	70	111	No
	5/19/2015	---	---	---	---	---	---	---	---	---	---
	6/1/2015	---	---	---	---	---	---	---	---	---	---
	6/1/2015	-2.7	-5.3	-0.39	0.80	48	11.2	48	78	120	No
	7/7/2015	-2.6	-5.1	-0.38	0.80	48	13.5	58	84	121	No

TABLE 8
SVE SYSTEM: OPERATIONAL DATA
AmeriPride Services Inc.
3505 N. Pasadena Ave., Los Angeles, CA
Burns & McDonnell Project No. 89698

	12/4/2013	-2.5	-3.6	-0.26	0.55	41	97.0	417	63	89	No
	12/5/2013	-2.2	-4.9	-0.36	0.45	37	54.1	233	63	92	No
	12/6/2013	-1.7	-2.3	-0.17	0.25	28	29.1	125	63	91	No
	12/12/2013	-1.5	-2.3	-0.17	0.25	28	25.7	111	62	92	No
	12/20/2013	NA	-3.0	-0.22	0.30	30	31.6	136	62	90	No
	12/31/2013	NA	-3.2	-0.23	0.30	30	NA	NA	65	89	No
	1/6/2014	NA	-3.8	-0.28	0.40	35	NA	NA	61	82	No
	1/10/2014	-2.9	-2.3	-0.17	0.25	27	4.7	20	69	100	No
	1/24/2014	NA	-5.1	-0.38	0.45	37	NA	NA	68	98	No
	1/31/2014	NA	-4.7	-0.35	NA	NA	NA	NA	63	90	No
	2/7/2014	-2.4	-4.8	-0.36	0.55	41	34.7	149	69	94	No
	3/10/2014	-2.9	-5.0	-0.37	0.75	47	74.1	319	74	104	19:34
	4/1/2014	-2.9	-4.5	-0.33	0.65	44	28.9	124	64	93	No
	5/9/2014	-2.5	-4.0	-0.29	0.50	38	13.6	58	81	99	No
	6/11/2014	-2.8	-4.1	-0.30	0.60	42	22.1	95	82	122	No
	7/3/2014	-2.6	-4.0	-0.29	0.60	42	37.0	159	80	111	No
	8/1/2014	-2.5	-2.8	-0.21	0.60	42	15.5	67	91	128	No
	9/10/2014	-2.0	-2.7	-0.20	0.35	32	13.9	60	89	126	18:00
SVE-3	10/10/2014	-1.9	-2.8	-0.20	0.29	29	7.2	31	82	102	No
	11/5/2014	-2.2	-3.6	-0.26	0.50	38	11.8	51	80	122	No
	11/5/2014	-3.0	-3.0	-0.22	0.40	35	9.7	42	72	112	No
	12/8/2014	-2.1	-3.0	-0.22	0.35	32	10.5	45	69	116	No
	12/8/2014	---	---	---	---	---	---	---	---	---	---
	1/6/2015	---	---	---	---	---	---	---	---	---	---
	2/4/2015	---	---	---	---	---	---	---	---	---	---
	2/4/2015	-2.4	-4.0	-0.29	0.50	39	17.5	75	69	111	No
	3/4/2015	-2.5	-4.3	-0.31	0.50	39	5.1	22	69	110	No
	3/4/2015	-2.1	-3.0	-0.22	0.40	35	6.2	27	70	111	13:18
	3/4/2015	---	---	---	---	---	---	---	---	---	---
	4/1/2015	---	---	---	---	---	---	---	---	---	---
	4/1/2015	-2.3	-4.3	-0.31	0.55	40	3.3	14	72	117	No
	5/6/2015	-2.4	-4.3	-0.31	0.65	44	3.8	16	70	111	No
	5/19/2015	---	---	---	---	---	---	---	---	---	---
	6/1/2015	---	---	---	---	---	---	---	---	---	---
	6/1/2015	-2.6	-4.3	-0.31	0.70	45	6.9	30	78	120	No
	7/7/2015	-2.6	-4.3	-0.31	0.70	45	9.1	39	84	121	No
	12/4/2013	-3.5	-5.5	-0.40	0.75	48	517	2223	63	89	No
	12/5/2013	-3.6	-6.5	-0.48	0.65	44	66	284	63	92	No
	12/6/2013	-3.5	-5.6	-0.41	0.80	49	153	658	63	91	No
	12/12/2013	-3.8	-6.6	-0.49	0.95	53	206	886	62	92	No
	12/20/2013	NA	-7.4	-0.55	0.90	52	227	976	62	90	No
	12/31/2013	NA	-9.0	-0.66	0.90	52	NA	NA	65	89	No
	1/6/2014	NA	-8.0	-0.59	0.80	49	NA	NA	61	82	No
	1/10/2014	-9.7	-6.7	-0.50	0.95	53	95.6	411	69	100	No
	1/24/2014	NA	-6.5	-0.48	0.65	44	NA	NA	68	98	No
	1/31/2014	NA	-7.1	-0.52	NA	NA	NA	NA	63	90	No
	2/7/2014	-4.0	-6.4	-0.47	0.60	42	138	593	69	94	No
	3/10/2014	-4.3	-6.0	-0.44	0.60	42	136	585	74	104	19:26
	4/1/2014	-4.3	-5.6	-0.41	0.55	41	117	503	64	93	No
	5/9/2014	-3.3	-4.9	-0.36	0.70	45	187	804	81	99	No
	6/11/2014	-3.9	-5.3	-0.39	0.75	47	81.6	351	82	122	No
	7/3/2014	-3.2	-4.9	-0.36	0.70	45	69.0	297	80	111	No
	8/1/2014	-3.1	-4.3	-0.32	0.70	45	34.4	148	91	128	No
	9/10/2014	-3.0	-4.3	-0.32	0.60	42	42.7	184	89	126	18:36
SVE-4	10/10/2014	-2.8	-4.2	-0.31	0.44	36	42.6	183	82	102	No
	11/5/2014	-2.7	-4.0	-0.29	0.50	38	87.9	378	80	122	No
	11/5/2014	-3.0	-7.3	-0.54	1.15	58	131.2	564	72	112	No
	12/8/2014	-4.4	-7.4	-0.55	1.10	57	96.8	416	69	116	No
	12/8/2014	-5.4	-9.3	-0.68	1.70	71	144	617	70	122	No
	1/6/2015	-5.9	-9.3	-0.69	1.95	76	54.2	233	70	112	No
	2/4/2015	-5.6	-8.6	-0.63	1.35	63	50.8	218	70	112	No
	2/4/2015	-4.2	-6.5	-0.48	1.05	56	60.6	261	69	111	No
	3/4/2015	-3.7	-5.9	-0.44	0.75	47	78.9	339	69	110	No
	3/4/2015	-3.2	-4.7	-0.34	0.55	40	89.5	385	70	111	13:48
	3/4/2015	-5.7	-9.9	-0.73	1.85	74	67.1	289	70	111	No
	4/1/2015	-5.1	-9.0	-0.66	1.65	69	56.4	243	74	119	No
	4/1/2015	-3.6	-4.9	-0.36	0.90	52	54.1	233	72	117	No
	5/6/2015	-3.3	-5.7	-0.42	0.80	49	103.5	445	70	111	No
	5/19/2015	-4.9	-9.0	-0.66	1.80	72	88.1	379	76	108	No
	6/1/2015	-4.9	-9.2	-0.68	1.90	74	25.0	108	76	120	No
	6/1/2015	-3.1	-4.9	-0.36	0.75	47	40.2	173	78	120	No
	7/7/2015	-2.9	-4.5	-0.33	0.70	45	44.9	193	84	121	No

TABLE 8
SVE SYSTEM: OPERATIONAL DATA
AmeriPride Services Inc.
3505 N. Pasadena Ave., Los Angeles, CA
Burns & McDonnell Project No. 89698

	12/4/2013	-3.5	-5.4	-0.40	0.55	41	138	593	63	89	No
	12/5/2013	-3.3	-6.3	-0.46	0.55	41	110	473	63	92	No
	12/6/2013	-3.7	-6.2	-0.46	0.60	42	71.0	305	63	91	No
	12/12/2013	-4.0	-6.6	-0.49	0.65	44	112	482	62	92	No
	12/20/2013	NA	-7.4	-0.54	0.65	44	121	520	62	90	No
	12/31/2013	NA	-8.3	-0.61	0.65	44	NA	NA	65	89	No
	1/6/2014	NA	-7.5	-0.55	0.55	41	NA	NA	61	82	No
	1/10/2014	-8.7	-6.6	-0.48	0.65	44	19.6	84	69	100	No
	1/24/2014	NA	-6.5	-0.48	0.75	47	NA	NA	68	98	No
	1/31/2014	NA	-6.7	-0.49	NA	NA	NA	NA	63	90	No
	2/7/2014	-2.5	-6.3	-0.47	0.50	39	62.0	267	69	94	No
	3/10/2014	-0.4	-7.7	-0.57	0.20	24	59.9	258	74	104	19:18
	4/1/2014	-5.4	-5.5	-0.40	0.65	44	26.0	112	64	93	No
	5/9/2014	-3.0	-5.1	-0.37	0.65	44	61.1	263	81	99	No
	6/11/2014	-3.3	-5.1	-0.38	0.70	45	78.9	339	82	122	No
	7/3/2014	-3.1	-4.7	-0.35	0.50	38	36.8	158	80	111	No
	8/1/2014	-3.0	-4.6	-0.34	0.50	38	22.2	95	91	128	No
	9/10/2014	-2.7	-4.0	-0.29	0.40	34	28.1	121	89	126	18:48
SVE-5	10/10/2014	-2.6	-3.9	-0.29	0.29	29	11.9	51	82	102	No
	11/5/2014	-2.5	-3.8	-0.28	0.35	32	26.8	115	80	122	No
	11/5/2014	---	---	---	---	---	---	---	---	---	---
	12/8/2014	---	---	---	---	---	---	---	---	---	---
	12/8/2014	-2.7	-4.0	-0.30	0.40	35	33.7	145	70	122	No
	1/6/2015	-3.0	-4.0	-0.30	0.45	37	2.6	11	70	112	No
	2/4/2015	-3.2	-5.0	-0.37	0.50	39	4.2	18	70	112	No
	2/4/2015	---	---	---	---	---	---	---	---	---	---
	3/4/2015	---	---	---	---	---	---	---	---	---	---
	3/4/2015	-2.6	-3.8	-0.28	0.35	32	6.0	26	70	111	13:13
	3/4/2015	-2.6	-4.0	-0.30	0.45	37	11.8	51	70	111	No
	4/1/2015	-2.7	-4.0	-0.30	0.40	34	7.7	33	74	119	No
	4/1/2015	---	---	---	---	---	---	---	---	---	---
	5/6/2015	---	---	---	---	---	---	---	---	---	---
	5/19/2015	-2.7	-4.0	-0.29	0.40	34	14.7	63	76	108	No
	6/1/2015	-2.7	-4.0	-0.30	0.45	36	6.2	27	76	120	No
	6/1/2015	---	---	---	---	---	---	---	---	---	---
	7/7/2015	---	---	---	---	---	---	---	---	---	---
	12/4/2013	-1.9	-2.0	-0.15	0.15	21	30.9	133	63	89	No
	12/5/2013	-1.8	-2.4	-0.18	0.02	8	24.0	103	63	92	No
	12/6/2013	-1.6	-2.0	-0.15	0.10	17	18.5	80	63	91	No
	12/12/2013	-2.2	-1.7	-0.13	0.10	17	32.2	138	62	92	No
	12/20/2013	NA	-4.2	-0.31	0.20	25	49.6	213	62	90	No
	12/31/2013	NA	-4.8	-0.35	0.20	25	NA	NA	65	89	No
	1/6/2014	NA	-4.0	-0.29	0.30	30	NA	NA	61	82	No
	1/10/2014	-3.4	-1.8	-0.13	0.20	25	9.8	42	69	100	No
	1/24/2014	NA	-2.5	-0.18	0.30	30	NA	NA	68	98	No
	1/31/2014	NA	-2.5	-0.19	NA	NA	NA	NA	63	90	No
	2/7/2014	-1.8	-2.3	-0.17	0.20	25	34.0	146	69	94	No
	3/10/2014	-1.7	-2.3	-0.17	0.25	27	88.0	378	74	104	19:10
	4/1/2014	-2.0	-2.3	-0.17	0.25	28	43.2	186	64	93	No
	5/9/2014	-1.9	-2.0	-0.15	0.25	27	19.1	82.1	81	99	No
	6/11/2014	-2.1	-2.3	-0.17	0.25	27	12.5	53.8	82	122	No
	7/3/2014	-1.8	-2.1	-0.16	0.10	17	36.2	156	80	111	No
	8/1/2014	-1.7	-2.1	-0.15	0.10	17	38.0	163	91	128	No
	9/10/2014	-1.8	-2.1	-0.15	0.25	27	35.4	152	89	126	17:48
SVE-6	10/10/2014	-1.8	-2.1	-0.15	0.22	25	12.7	55	82	102	No
	11/5/2014	-1.8	-2.1	-0.16	0.10	17	2.0	8.6	80	122	No
	11/5/2014	---	---	---	---	---	---	---	---	---	---
	12/8/2014	---	---	---	---	---	---	---	---	---	---
	12/8/2014	-2.4	-3.0	-0.22	0.20	24	5.0	22	70	122	No
	1/6/2015	-2.6	-3.0	-0.22	0.25	27	10.3	44	70	112	No
	2/4/2015	-3.1	-4.0	-0.30	0.30	30	8.1	35	70	112	No
	2/4/2015	---	---	---	---	---	---	---	---	---	---
	3/4/2015	---	---	---	---	---	---	---	---	---	---
	3/4/2015	-1.8	-2.0	-0.15	0.15	21	7.3	31	70	111	13:23
	3/4/2015	-2.4	-3.0	-0.22	0.30	30	19.0	82	70	111	No
	4/1/2015	-2.4	-3.0	-0.22	0.25	27	2.6	11	74	119	No
	4/1/2015	---	---	---	---	---	---	---	---	---	---
	5/6/2015	---	---	---	---	---	---	---	---	---	---
	5/19/2015	-2.4	-3.0	-0.22	0.25	27	18.3	79	76	108	No
	6/1/2015	-2.4	-3.0	-0.22	0.25	27	17.8	77	76	120	No
	6/1/2015	---	---	---	---	---	---	---	---	---	---
	7/7/2015	---	---	---	---	---	---	---	---	---	---

TABLE 8
SVE SYSTEM: OPERATIONAL DATA
AmeriPride Services Inc.
3505 N. Pasadena Ave., Los Angeles, CA
Burns & McDonnell Project No. 89698

	12/4/2013	-2.5	-3.2	-0.24	0.30	30	109	469	63	89	No
	12/5/2013	-2.4	-4.2	-0.31	0.35	33	143	615	63	92	No
	12/6/2013	-2.2	-3.2	-0.24	0.30	30	143	615	63	91	No
	12/12/2013	-2.8	-4.6	-0.34	0.30	30	307	1320	62	92	No
	12/20/2013	NA	-8.0	-0.59	0.30	30	288	1238	62	90	No
	12/31/2013	NA	-5.2	-0.38	0.30	30	NA	NA	65	89	No
	1/6/2014	NA	-4.8	-0.36	0.25	28	NA	NA	61	82	No
	1/10/2014	-6.3	-4.6	-0.34	0.30	30	121	520	69	100	No
	1/24/2014	NA	-4.3	-0.31	0.35	32	NA	NA	68	98	No
	1/31/2014	NA	-4.6	-0.34	NA	NA	NA	NA	63	90	No
	2/7/2014	-3.5	-5.2	-0.38	0.55	41	120	516	69	94	No
	3/10/2014	-3.0	-4.4	-0.32	0.50	38	161	692	74	104	19:02
	4/1/2014	-3.2	-4.8	-0.35	0.55	41	81.0	348	64	93	No
	5/9/2014	-3.1	-4.6	-0.34	0.65	44	69.4	298	81	99	No
	6/11/2014	-3.2	-4.9	-0.36	0.65	44	72.2	310	82	122	No
	7/3/2014	-3.1	-4.4	-0.33	0.55	40	58.8	253	80	111	No
	8/1/2014	-2.9	-4.3	-0.32	0.55	40	84.8	365	91	128	No
	9/10/2014	-2.7	-3.8	-0.28	0.45	36	90.7	390	89	126	19:00
SVE-7	10/10/2014	-2.7	-3.8	-0.28	0.41	35	100	430	82	102	No
	11/5/2014	-2.5	-3.6	-0.27	0.35	32	187	806	80	122	No
	11/5/2014	-2.9	-7.1	-0.52	0.95	53	204	877	72	112	No
	12/8/2014	-4.2	-7.0	-0.51	0.95	53	192	826	69	116	No
	12/8/2014	-4.9	-8.7	-0.64	1.35	63	214	919	70	122	No
	1/6/2015	-4.8	-8.7	-0.64	1.40	64	156	671	70	112	No
	2/4/2015	-5.0	-7.9	-0.58	1.10	57	165	709	70	112	No
	2/4/2015	-3.9	-6.5	-0.47	0.85	50	130	557	69	111	No
	3/4/2015	-3.9	-5.7	-0.42	0.70	46	204	876	69	110	No
	3/4/2015	-2.9	-4.3	-0.31	0.45	37	185	795	70	111	13:58
	3/4/2015	-5.2	-9.3	-0.68	1.45	65	156	669	70	111	No
	4/1/2015	-5.0	-8.4	-0.61	1.25	61	160	686	74	119	No
	4/1/2015	-3.6	-5.7	-0.42	0.75	47	157	673	72	117	No
	5/6/2015	-3.0	-5.7	-0.42	0.70	46	171	734	70	111	No
	5/19/2015	-4.8	-8.4	-0.62	1.45	65	179	770	76	108	No
	6/1/2015	-5.0	-8.6	-0.63	1.45	65	71	303	76	120	No
	6/1/2015	-3.1	-4.6	-0.34	0.55	40	80	345	78	120	No
	7/7/2015	-2.8	-4.4	-0.33	0.55	40	97	417	84	121	No
	12/4/2013	-1.2	-1.2	-0.09	0.10	17	11.8	51	63	89	No
	12/5/2013	-1.2	-1.5	-0.11	0.15	21	21.2	91	63	92	No
	12/6/2013	-1.1	-1.6	-0.12	0.10	17	29.7	128	63	91	No
	12/12/2013	-1.2	-1.5	-0.11	0.10	17	45.9	197	62	92	No
	12/20/2013	NA	-5.9	-0.43	0.20	25	60.7	261	62	90	No
	12/31/2013	NA	-3.7	-0.27	0.20	25	NA	NA	65	89	No
	1/6/2014	NA	-3.2	-0.24	0.20	25	NA	NA	61	82	No
	1/10/2014	-1.3	-1.6	-0.11	0.20	25	22.8	98	69	100	No
	1/24/2014	NA	-1.6	-0.12	0.20	25	NA	NA	68	98	No
	1/31/2014	NA	-2.2	-0.16	NA	NA	NA	NA	63	90	No
	2/7/2014	-1.3	-1.6	-0.11	0.20	25	16.9	73	69	94	No
	3/10/2014	-1.2	-1.5	-0.11	0.20	24	44.1	190	74	104	18:54
	4/1/2014	-1.1	-1.5	-0.11	0.20	25	8.8	38	64	93	No
	5/9/2014	-1.5	-1.4	-0.10	0.20	24	12.6	54	81	99	No
	6/11/2014	-0.3	-1.7	-0.12	0.15	21	37.1	160	82	122	No
	7/3/2014	-1.3	-1.6	-0.11	0.10	17	23.2	100	80	111	No
	8/1/2014	-1.2	-1.5	-0.11	0.15	21	36.6	157	91	128	No
	9/10/2014	-1.3	-1.6	-0.12	0.15	21	29.4	126	89	126	17:36
SVE-8	10/10/2014	-1.3	-1.7	-0.12	0.17	22	26.4	114	82	102	No
	11/5/2014	-1.8	-1.5	-0.11	0.10	17	8.0	34	80	122	No
	11/5/2014	-2.4	-3.0	-0.22	0.30	30	20.9	90	72	112	No
	12/8/2014	-2.1	-3.0	-0.22	0.35	32	29.2	126	69	116	No
	12/8/2014	---	---	---	---	---	---	---	---	---	---
	1/6/2015	---	---	---	---	---	---	---	---	---	---
	2/4/2015	---	---	---	---	---	---	---	---	---	---
	2/4/2015	-2.7	-4.0	-0.30	0.30	30	7.2	31	69	111	No
	3/4/2015	-2.4	-4.3	-0.31	0.40	35	30.0	129	69	110	No
	3/4/2015	-1.2	-1.5	-0.11	0.15	21	22.5	97	70	111	13:38
	3/4/2015	---	---	---	---	---	---	---	---	---	---
	4/1/2015	---	---	---	---	---	---	---	---	---	---
	4/1/2015	-2.2	-4.3	-0.31	0.45	37	4.7	20	72	117	No
	5/6/2015	-2.3	-4.3	-0.31	0.45	37	35.6	153	70	111	No
	5/19/2015	---	---	---	---	---	---	---	---	---	---
	6/1/2015	---	---	---	---	---	---	---	---	---	---
	6/1/2015	-2.2	-4.3	-0.31	0.40	34	15.1	65	78	120	No
	7/7/2015	-2.5	-4.3	-0.31	0.50	38	14.7	63	84	121	No

TABLE 8
SVE SYSTEM: OPERATIONAL DATA
AmeriPride Services Inc.
3505 N. Pasadena Ave., Los Angeles, CA
Burns & McDonnell Project No. 89698

	12/4/2013	-4.1	-5.2	-0.38	0.30	30	127	546	63	89	No
	12/5/2013	-4.0	-6.1	-0.45	0.35	32	228	980	63	92	No
	12/6/2013	-3.5	-5.1	-0.38	0.35	32	190	817	63	91	No
	12/12/2013	-3.1	-5.6	-0.41	0.30	30	197	847	62	92	No
	12/20/2013	NA	-7.9	-0.58	0.40	35	184	791	62	90	No
	12/31/2013	NA	-6.7	-0.49	0.40	35	NA	NA	65	89	No
	1/6/2014	NA	-6.3	-0.46	0.35	33	NA	NA	61	82	No
	1/10/2014	-0.56	-7.9	-0.58	0.65	44	29.9	129	69	100	No
	1/24/2014	NA	-6.2	-0.46	0.45	37	NA	NA	68	98	No
	1/31/2014	NA	-6.1	-0.45	NA	NA	NA	NA	63	90	No
	2/7/2014	-4.2	-6.0	-0.44	0.30	30	125	538	69	94	No
	3/10/2014	-5.1	-7.5	-0.55	0.65	44	156	671	74	104	18:46
	4/1/2014	-4.7	-5.4	-0.40	0.70	46	16.6	71	64	93	No
	5/9/2014	-1.0	-4.6	-0.34	0.60	42	38.9	167	81	99	No
	6/11/2014	-7.1	-4.9	-0.36	0.60	42	60.6	261	82	122	No
	7/3/2014	-1.2	-4.3	-0.31	0.45	36	42.5	183	80	111	No
	8/1/2014	-1.2	-4.2	-0.31	0.45	36	77.7	334	91	128	No
	9/10/2014	-1.2	-3.9	-0.28	0.35	32	91.3	393	89	126	19:12
SVE-9	10/10/2014	-1.3	-3.8	-0.28	0.40	34	81.8	352	82	102	No
	11/5/2014	-2.3	-4.0	-0.29	0.30	30	34.4	148	80	122	No
	11/5/2014	-2.6	-7.0	-0.51	0.70	45	61.4	264	72	112	No
	12/8/2014	-4.4	-6.8	-0.50	0.55	40	63.1	271	69	116	No
	12/8/2014	-5.4	-8.6	-0.64	0.80	49	64.4	277	70	122	No
	1/6/2015	-3.7	-8.6	-0.64	0.90	52	72.6	312	70	112	No
	2/4/2015	-3.5	-7.8	-0.58	0.95	53	118.7	510	70	112	No
	2/4/2015	-3.7	-6.2	-0.46	0.70	46	120.4	518	69	111	No
	3/4/2015	-3.4	-5.6	-0.41	0.55	40	47.9	206	69	110	No
	3/4/2015	-2.7	-4.2	-0.31	0.40	35	93.6	402	70	111	13:53
	3/4/2015	-5.1	-9.3	-0.68	1.10	57	74.6	321	70	111	No
	4/1/2015	-4.4	-8.2	-0.60	1.10	57	100.6	433	74	119	No
	4/1/2015	-3.1	-5.6	-0.41	0.65	44	150.1	645	72	117	No
	5/6/2015	-2.9	-5.6	-0.41	0.50	39	121.3	522	70	111	No
	5/19/2015	-4.1	-8.3	-0.61	1.25	60	55.8	240	76	108	No
	6/1/2015	-4.9	-8.5	-0.62	1.25	60	45.5	196	76	120	No
	6/1/2015	-3.6	-4.5	-0.33	0.55	40	39.8	171	78	120	No
	7/7/2015	-2.4	-4.3	-0.32	0.45	36	52.6	226	84	121	No
	12/4/2013	-0.80	-1.0	-0.07	0.10	17	34.1	147	63	89	No
	12/5/2013	0.80	-1.0	-0.07	0.15	21	66.2	285	63	92	No
	12/6/2013	-0.70	-1.1	-0.081	0.10	17	73.6	316	63	91	No
	12/12/2013	-0.70	-1.0	-0.074	0.10	17	285	1226	62	92	No
	12/20/2013	NA	-3.5	-0.26	0.20	25	277	1191	62	90	No
	12/31/2013	NA	-2.4	-0.18	0.20	25	NA	NA	65	89	No
	1/6/2014	NA	-2.7	-0.20	0.30	30	NA	NA	61	82	No
	1/10/2014	-0.90	-1.1	-0.08	0.20	25	30.9	133	69	100	No
	1/24/2014	NA	-1.2	-0.09	0.20	25	NA	NA	68	98	No
	1/31/2014	NA	-1.0	-0.07	NA	NA	NA	NA	63	90	No
	2/7/2014	-0.90	-1.2	-0.09	0.15	21	21.5	92.5	69	94	No
	3/10/2014	-1.3	-0.88	-0.06	0.10	17	69.0	297	74	104	18:38
	4/1/2014	-1.3	-2.2	-0.16	0.20	25	8.6	37	64	93	No
	5/9/2014	-1.8	-2.0	-0.15	0.20	24	10.3	44	81	99	No
	6/11/2014	-1.5	-2.0	-0.15	0.30	30	12.3	53	82	122	No
	7/3/2014	-1.3	-2.0	-0.15	0.20	24	17.5	75	80	111	No
	8/1/2014	-1.2	-2.0	-0.15	0.25	27	14.0	60	91	128	No
	9/10/2014	-1.2	-2.0	-0.15	0.25	27	12.6	54	89	126	17:24
SVE-10	10/10/2014	-1.2	-2.1	-0.15	0.22	25	28.2	121	82	102	No
	11/5/2014	-1.2	-2.0	-0.15	0.20	24	21.6	93	80	122	No
	11/5/2014	---	---	---	---	---	---	---	---	---	---
	12/8/2014	---	---	---	---	---	---	---	---	---	---
	12/8/2014	-1.7	-3.0	-0.22	0.40	35	16.0	69	70	122	No
	1/6/2015	-1.5	-3.0	-0.22	0.35	32	25.7	111	70	112	No
	2/4/2015	-2.6	-4.0	-0.30	0.55	41	34.1	147	70	112	No
	2/4/2015	---	---	---	---	---	---	---	---	---	---
	3/4/2015	---	---	---	---	---	---	---	---	---	---
	3/4/2015	-1.2	-2.0	-0.15	0.20	24	17.0	73	70	111	13:33
	3/4/2015	-1.4	-3.0	-0.22	0.50	39	6.9	30	70	111	No
	4/1/2015	-1.6	-3.0	-0.22	0.40	34	25.8	111	74	119	No
	4/1/2015	---	---	---	---	---	---	---	---	---	---
	5/6/2015	---	---	---	---	---	---	---	---	---	---
	5/19/2015	-1.6	-3.0	-0.22	0.40	34	13.6	58	76	108	No
	6/1/2015	-1.4	-3.0	-0.22	0.30	30	11.8	51	76	120	No
	6/1/2015	---	---	---	---	---	---	---	---	---	---
	7/7/2015	---	---	---	---	---	---	---	---	---	---

TABLE 8
SVE SYSTEM: OPERATIONAL DATA
AmeriPride Services Inc.
3505 N. Pasadena Ave., Los Angeles, CA
Burns & McDonnell Project No. 89698

	12/4/2013	-0.60	-0.60	-0.044	0.05	12	72.3	311	63	89	No
	12/5/2013	0.60	-0.70	-0.05	0.03	10	46.0	198	63	92	No
	12/6/2013	-0.70	-1.0	-0.074	0.10	17	37.6	162	63	91	No
	12/12/2013	-0.60	-0.90	-0.066	0.10	17	65.0	280	62	92	No
	12/20/2013	NA	-3.5	-0.26	0.20	25	71.1	306	62	90	No
	12/31/2013	NA	-2.5	-0.18	0.20	25	NA	NA	65	89	No
	1/6/2014	NA	-2.9	-0.21	0.30	30	NA	NA	61	82	No
	1/10/2014	-2.0	-1.1	-0.084	0.20	25	6.1	26	69	100	No
	1/24/2014	NA	-1.2	-0.089	0.20	25	NA	NA	68	98	No
	1/31/2014	NA	-1.0	-0.071	NA	NA	NA	NA	63	90	No
	2/7/2014	-1.4	-1.2	-0.087	0.10	17	18.8	81	69	94	No
	3/10/2014	-0.74	-0.8	-0.061	0.10	17	79.7	343	74	104	18:30
	4/1/2014	-1.4	-0.8	-0.062	0.10	17	6.9	30	64	93	No
	5/9/2014	-0.57	-1.0	-0.074	0.10	17	9.6	41	81	99	No
	6/11/2014	-0.82	-0.91	-0.067	0.10	17	15.8	68	82	122	No
	7/3/2014	-0.79	-1.0	-0.076	0.10	17	14.1	61	80	111	No
	8/1/2014	-0.72	-1.0	-0.074	0.10	17	7.4	32	91	128	No
	9/10/2014	-1.2	-1.1	-0.08	0.10	17	9.2	40	89	126	17:12
SVE-11	10/10/2014	-1.3	-1.1	-0.08	0.12	19	6.3	27	82	102	No
	11/5/2014	-0.7	-1.0	-0.07	0.10	17	6.6	28	80	122	No
	11/5/2014	-1.9	-3.0	-0.22	0.40	35	18.0	77	72	112	No
	12/8/2014	-1.5	-3.0	-0.22	0.30	30	46.4	200	69	116	No
	12/8/2014	---	---	---	---	---	---	---	---	---	---
	1/6/2015	---	---	---	---	---	---	---	---	---	---
	2/4/2015	---	---	---	---	---	---	---	---	---	---
	2/4/2015	-1.8	-4.0	-0.30	0.55	41	10.4	45	69	111	No
	3/4/2015	-1.8	-4.3	-0.31	0.55	41	11.6	50	69	110	No
	3/4/2015	-1.0	-1.5	-0.11	0.15	21	24.7	106	70	111	13:43
	3/4/2015	---	---	---	---	---	---	---	---	---	---
	4/1/2015	---	---	---	---	---	---	---	---	---	---
	4/1/2015	-1.8	-4.3	-0.31	0.60	42	9.5	41	72	117	No
	5/6/2015	-1.8	-4.3	-0.31	0.55	41	38.3	165	70	111	No
	5/19/2015	---	---	---	---	---	---	---	---	---	---
	6/1/2015	---	---	---	---	---	---	---	---	---	---
	6/1/2015	-1.9	-4.3	-0.31	0.65	44	5.2	22	78	120	No
	7/7/2015	-1.9	-4.1	-0.30	0.60	42	6.7	29	84	121	No

TABLE 8
SVE SYSTEM: OPERATIONAL DATA
AmeriPride Services Inc.
3505 N. Pasadena Ave., Los Angeles, CA
Burns & McDonnell Project No. 89698

Location	Date	Pressure ("H_2O)	Pressure ("Hg)	Flow Rate (scfm)	PID Reading (PPM, as Isobutylene)	PID Reading (PPM, as hexane)	Temperature (°F)	Grab Sample Collected? (Time Collected)
VLS (PRE-BLOWER)	12/4/2013	-11.8	-0.87	348	228	980	63	---
	12/5/2013	-12.9	-0.95	333	190	817	63	---
	12/6/2013	-12.6	-0.93	343	109	469	63	---
	12/12/2013	-12.6	-0.93	348	187	804	62	---
	12/20/2013	-18.9	-1.4	384	49.0	211	62	---
	12/23/2013	-17.8	-1.3	384	58.3	251	69	---
	12/31/2013	-25.3	-1.9	381	26.8	115	65	---
	1/6/2014	-36.1	-2.7	384	40.7	175	61	---
	1/10/2014	-39.8	-2.9	388	45.0	194	69	---
	1/13/2014	-39.9	-2.9	388	34.8	150	74	---
	1/17/2014	-39.7	-2.9	388	30.2	130	75	---
	1/20/2014	-42.3	-3.1	388	19.3	83	66	---
	1/24/2014	-40.5	-3.0	387	21.3	92	68	---
	1/27/2014	-42.0	-3.1	387	19.8	85	71	---
	1/31/2014	-45.3	-3.3	387	16.7	72	63	---
	2/7/2014	-12.1	-0.89	375	37.0	159	69	---
	2/27/2014	-15.5	-1.1	375	10.1	43	69	---
	3/10/2014	-13.8	-1.0	389	35.8	154	74	---
	4/1/2014	-12.1	-0.89	399	6.4	28	64	---
	5/9/2014	-11.4	-0.84	387	15.5	67	81	---
	5/19/2014	-11.1	-0.82	387	16.5	71	82	---
	6/11/2014	-19.4	-1.42	369	19.1	82	82	---
	7/3/2014	-10.4	-0.76	352	18.4	79	80	---
	8/1/2014	-9.6	-0.70	353	11.2	48	91	---
	9/10/2014	-9.1	-0.67	334	13.7	59	89	---
	10/13/2014	-9.1	-0.67	317	36.4	157	82	---
	11/5/2014	-8.6	-0.63	310	52.5	226	80	---
	11/5/2014	-9.4	-0.69	296	53.4	230	72	---
	12/8/2014	-11.9	-0.88	286	72.4	311	69	---
	12/8/2014	-12.4	-0.91	297	105	449	70	---
	1/6/2015	-16.2	-1.19	315	50.3	216	70	---
	2/4/2015	-12.9	-0.95	307	72.9	313	70	---
	2/4/2015	-13.4	-0.99	301	56.5	243	69	---
	3/4/2015	-10.7	-0.79	291	52.5	226	69	---
	3/4/2015	-9.5	-0.70	327	46.8	201	70	---
	3/4/2015	-14.3	-1.05	329	69.5	299	70	---
	4/1/2015	-10.1	-0.75	310	79.9	344	74	---
	4/1/2015	-10.4	-0.76	300	46	200	72	---
	5/6/2015	-10.5	-0.77	304	56	241	70	---
	5/19/2015	-13.7	-1.01	318	48	206	76	---
	6/1/2015	-13.5	-0.99	323	33	142	76	---
	6/1/2015	-9.6	-0.71	299	22	95	78	---
	7/7/2015	-9.1	-0.67	294	27	117	84	---

TABLE 8
SVE SYSTEM: OPERATIONAL DATA
AmeriPride Services Inc.
3505 N. Pasadena Ave., Los Angeles, CA
Burns & McDonnell Project No. 89698

Location	Date	Pressure ("H_2O)	Pressure ("Hg)	Flow Rate (scfm)	PID Reading (PPM, as Isobutylene)	PID Reading (PPM, as hexane)	Temperature (°F)	Grab Sample Collected? (Time Collected)
COMBINED SYSTEM INFLUENT	12/4/2013	35.0	2.6	348	236	1015	89	5:55 PM
	12/5/2013	35.0	2.6	333	210	903	92	3:17 PM
	12/6/2013	35.0	2.6	343	126	542	91	No
	12/12/2013	34.9	2.6	348	306	1316	92	6:44 PM
	12/20/2013	33.0	2.4	384	73.8	317	90	No
	12/23/2013	33.6	2.5	384	76.1	327	99	No
	12/31/2013	63.7	4.7	381	37.8	163	89	No
	1/6/2014	62.8	4.6	384	69.0	297	82	No
	1/10/2014	60.5	4.5	388	54.9	236	100	3:06 PM
	1/13/2014	62.8	4.6	388	59.8	257	109	No
	1/17/2014	60.9	4.5	388	65.2	280	112	No
	1/20/2014	61.6	4.5	388	66.1	284	98	No
	1/24/2014	61.8	4.5	387	56.5	243	98	No
	1/27/2014	60.1	4.4	387	104	447	104	No
	1/31/2014	59.3	4.4	387	61.3	264	90	No
	2/7/2014	38.1	2.8	375	82.3	354	94	1:30 PM
	2/27/2014	34.8	2.6	375	58.4	251	94	No
	3/10/2014	34.7	2.6	389	69.0	297	104	5:54 PM
	4/1/2014	34.7	2.6	399	40.8	175	93	7:50 PM
	5/9/2014	35.9	2.6	387	18.8	81	99	12:34 PM
	5/19/2014	36.2	2.7	387	43.0	185	104	No
	6/11/2014	31.0	2.3	369	79.7	343	122	2:48 PM
	7/3/2014	32.7	2.4	352	40.1	172	111	11:04 PM
	8/1/2014	30.6	2.3	353	45.9	197	128	3:24 PM
	9/10/2014	29.8	2.2	334	48.8	210	126	4:56 PM
	10/13/2014	28.6	2.1	317	46.6	200	102	6:54 PM
	11/5/2014	28.7	2.1	310	72.8	313	122	4:34 PM
	11/5/2014	28.5	2.1	296	88.1	379	112	No
	12/8/2014	32.7	2.4	286	104	447	116	2:04 PM
	12/8/2014	27.5	2.0	297	117	501	122	No
	1/6/2015	29.5	2.2	315	79	341	112	3:30 PM
	2/4/2015	28.7	2.1	307	88	379	112	1:10 PM
	2/4/2015	28.4	2.1	301	70	300	111	No
	3/4/2015	29.8	2.2	291	81	349	110	12:10 PM
	3/4/2015	29.1	2.1	327	65	278	111	No
	3/4/2015	28.8	2.1	329	103	442	111	No
	4/1/2015	26.1	1.9	310	114	489	119	3:50 PM
	4/1/2015	28.0	2.1	300	82	352	117	No
	5/6/2015	28.3	2.1	304	86	371	111	2:50 PM
	5/19/2015	29.0	2.1	318	76	327	108	No
	6/1/2015	28.1	2.1	323	48	205	120	12:04 PM
	6/1/2015	28.7	2.1	299	36	153	120	No
	7/7/2015	27.8	2.0	294	47	200	121	5:14 PM

TABLE 8
SVE SYSTEM: OPERATIONAL DATA
AmeriPride Services Inc.
3505 N. Pasadena Ave., Los Angeles, CA
Burns & McDonnell Project No. 89698

Location	Date	Pressure ("H_2O)	Pressure ("Hg)	Flow Rate (scfm)	PID Reading (PPM, as Isobutylene)	PID Reading (PPM, as hexane)	Temperature (°F)	Grab Sample Collected? (Time Collected)
BETWEEN GAC ADSORBERS	12/4/2013	1.4	0.10	348	NA	NA	---	No
	12/5/2013	1.4	0.1	333	NA	NA	---	NA
	12/6/2013	1.4	0.10	343	0.0	0.0	---	No
	12/12/2013	1.6	0.12	348	0.0	0.0	---	6:35 PM
	12/20/2013	1.6	0.11	384	0.0	0.0	---	No
	12/23/2013	1.6	0.12	384	0.0	0.0	---	No
	12/31/2013	2.9	0.22	381	0.0	0.0	---	No
	1/6/2014	3.0	0.22	384	0.0	0.0	---	No
	1/10/2014	3.3	0.24	388	0.0	0.0	---	2:54 PM
	1/13/2014	4.3	0.32	388	0.0	0.0	---	No
	1/17/2014	4.0	0.29	388	0.0	0.0	---	No
	1/20/2014	3.5	0.26	388	0.0	0.0	---	No
	1/24/2014	3.6	0.26	387	0.0	0.0	---	No
	1/27/2014	3.5	0.26	387	0.0	0.0	---	No
	1/31/2014	4.0	0.30	387	0.0	0.0	---	No
	2/7/2014	6.6	0.48	375	5.0	21.5	---	1:20 PM
	2/27/2014	1.8	0.13	375	0.0	0.0	---	No
	3/10/2014	1.7	0.13	389	0.0	0.0	---	5:42 PM
	4/1/2014	2.0	0.15	399	0.0	0.0	---	7:42 PM
	5/9/2014	1.8	0.13	387	1.4	6.0	---	12:22 PM
	5/19/2014	1.8	0.13	387	0.0	0.0	---	No
	6/11/2014	1.6	0.11	369	2.5	10.8	---	2:36 PM
	7/3/2014	1.0	0.07	352	2.0	8.6	---	10:52 PM
	8/1/2014	0.90	0.07	353	0.0	0.0	---	3:12 PM
	9/10/2014	0.91	0.07	334	0.0	0.0	---	4:44 PM
	10/13/2014	1.2	0.09	317	0.20	0.86	---	6:42 PM
	11/5/2014	0.87	0.06	310	0.70	3.0	---	4:22 PM
	11/5/2014	1.3	0.09	296	0.10	0.43	---	No
	12/8/2014	1.2	0.09	286	7.2	31.0	---	1:52 PM
	12/8/2014	1.1	0.08	297	7.5	32.3	---	No
	1/6/2015	1.1	0.08	315	0.3	1.3	---	3:23 PM
	2/4/2015	1.1	0.08	307	0.1	0.4	---	1:00 PM
	2/4/2015	1.1	0.08	301	0.1	0.4	---	No
	3/4/2015	1.2	0.09	291	2.0	8.6	---	12:02 PM
	3/4/2015	1.2	0.09	327	2.1	9.0	---	No
	3/4/2015	1.2	0.09	329	2.2	9.5	---	No
	4/1/2015	1.1	0.08	310	1.4	6.0	---	3:42 PM
	4/1/2015	1.1	0.08	300	2.8	12.0	---	No
	5/6/2015	1.1	0.08	304	24.3	104.5	---	2:40 PM
	5/19/2015	1.1	0.08	318	0.8	3.4	---	No
	6/1/2015	1.1	0.08	323	0.3	1.3	---	11:56 AM
	6/1/2015	1.1	0.08	299	0.4	1.7	---	No
	7/7/2015	1.1	0.08	294	0.3	1.3	---	5:06 PM

TABLE 8
SVE SYSTEM: OPERATIONAL DATA
AmeriPride Services Inc.
3505 N. Pasadena Ave., Los Angeles, CA
Burns & McDonnell Project No. 89698

Location	Date	Pressure ("H_2O)	Pressure ("Hg)	Flow Rate (scfm)	PID Reading (PPM, as Isobutylene)	PID Reading (PPM, as hexane)	Temperature (°F)	Grab Sample Collected? (Time Collected)
EXHAUST STACK	12/4/2013	0.00	0.00	348	NA	NA	54	No
	12/5/2013	0.10	0.0074	333	NA	NA	57	NA
	12/6/2013	0.00	0.00	343	0.0	0.0	55	No
	12/12/2013	0.10	0.0074	348	0.0	0.0	83	6:26 PM
	12/20/2013	0.18	0.013	384	0.0	0.0	70	No
	12/23/2013	0.18	0.013	384	0.0	0.0	69	No
	12/31/2013	0.29	0.021	381	0.0	0.0	71	No
	1/6/2014	0.36	0.026	384	0.0	0.0	45	No
	1/10/2014	0.32	0.024	388	0.0	0.0	62	2:45 PM
	1/13/2014	0.32	0.024	388	0.0	0.0	69	No
	1/17/2014	0.32	0.024	388	0.0	0.0	72	No
	1/20/2014	0.33	0.024	388	0.0	0.0	50	No
	1/24/2014	0.32	0.024	387	0.0	0.0	54	No
	1/27/2014	0.33	0.024	387	0.0	0.0	64	No
	1/31/2014	0.36	0.026	387	0.0	0.0	46	No
	2/7/2014	0.45	0.033	375	0.0	0.0	56	1:10 PM
	2/27/2014	0.17	0.013	375	0.0	0.0	54	No
	3/10/2014	0.19	0.014	389	0.0	0.0	75	5:30 PM
	4/1/2014	0.20	0.015	399	0.0	0.0	54	7:34 PM
	5/9/2014	0.17	0.013	387	0.10	0.43	75	12:10 PM
	5/19/2014	0.21	0.015	387	0.0	0.0	75	No
	6/11/2014	0.13	0.010	369	0.0	0.0	78	2:24 PM
	7/3/2014	0.15	0.011	352	0.0	0.0	75	10:40 PM
	8/1/2014	0.18	0.013	353	0.0	0.0	83	3:00 PM
	9/10/2014	0.15	0.011	334	0.0	0.0	82	4:32 PM
	10/13/2014	0.15	0.011	317	0.0	0.0	79	6:30 PM
	11/5/2014	0.15	0.011	310	0.0	0.0	78	4:10 PM
	11/5/2014	0.15	0.011	296	0.0	0.0	66	No
	12/8/2014	0.16	0.012	286	0.0	0.0	65	1:40 PM
	12/8/2014	0.14	0.010	297	0.70	3.0	68	No
	1/6/2015	0.16	0.012	315	0.20	0.86	71	3:15 PM
	2/4/2015	0.15	0.011	307	0.0	0.0	61	12:50 PM
	2/4/2015	0.15	0.011	301	0.0	0.0	62	No
	3/4/2015	0.15	0.011	291	0.1	0.4	51	11:54 AM
	3/4/2015	0.14	0.010	327	0.2	0.9	64	No
	3/4/2015	0.14	0.010	329	0.4	1.7	60	No
	4/1/2015	0.11	0.008	310	0.2	0.9	72	3:34 PM
	4/1/2015	0.13	0.010	300	0.3	1.3	70	No
	5/6/2015	0.15	0.011	304	0.1	0.4	62	2:30 PM
	5/19/2015	0.14	0.010	318	0.6	2.6	71	No
	6/1/2015	0.16	0.012	323	0.3	1.3	72	11:48 AM
	6/1/2015	0.14	0.010	299	0.3	1.3	78	No
	7/7/2015	0.13	0.010	294	0.1	0.4	76	4:58 PM

Notes:

Cycle 1 of SVE Points Operating

Cycle 2 of SVE Points Operating

°F - degrees Fahrenheit

"H_2O - inches of water column

"Hg - inches of mercury

scfm - standard cubic feet per minute

Likely erroneous value

Field Tech indicated that moisture filter was getting older and these results may have been due to moisture

PID reading after primary vessel greater than 13.4 ppmv (as hexane) and efficiency less than 90%.

Samples were collected and system was shut down immediately pending GAC changeout.

TABLE 9
SVE SYSTEM: OPERATIONS LOG
AmeriPride Services Inc.
3505 N. Pasadena Ave., Los Angeles, CA
Burns & McDonnell Project No. 89698

Date	Pacific Time	SVE System Operations and Notes	SVE Points in Operation	SVE System Total Hours of Operation
12/6/2013	1:15 PM	The SVE system begins continous operation after completion of various system equipment testing.	SVE-1 through SVE-11	0
12/12/2013	6:30 PM	Grab samples collected from the Combined Influent, Between GAC Adsorbers, and Stack Effluent. Vapor samples submitted for laboratory analysis of EPA Method TO-3 and TO-15.	SVE-1 through SVE-11	143
12/12/2013 to 12/20/2013	---	The SVE system was shutdown for maintenance.	SVE-1 through SVE-11	193
12/24/2013 to 12/31/2013	---	The SVE system was shutdown for maintenance.	SVE-1 through SVE-11	298
1/10/2014	2:45 PM	Grab samples collected from the Combined Influent, Between GAC Adsorbers, and Stack Effluent. Vapor samples submitted for laboratory analysis of EPA Method TO-3 and TO-15.	SVE-1 through SVE-11	535
2/7/2014	1:10 PM	Grab samples collected from the Combined Influent, Between GAC Adsorbers, and Stack Effluent. Vapor samples submitted for laboratory analysis of EPA Method TO-3 and TO-15.	SVE-1 through SVE-11	1202
2/14/2014 to 2/27/2014	---	The SVE system was shutdown pending a GAC changeout on the primary GAC adsorber. A GAC changeout was completed on Vessel A on February 27, 2014.	SVE-1 through SVE-11	1364
3/10/2014	5:30 PM	Grab samples collected from the Combined Influent, Between GAC Adsorbers, and Stack Effluent. Vapor samples submitted for laboratory analysis of EPA Method TO-3 and TO-15. Grab samples also collected from the individual SVE points (SVE-1 through 11) at the manifold and submitted for laboratory analysis of EPA Method TO-15.	SVE-1 through SVE-11	1630
4/1/2014	7:34 PM	Grab samples collected from the Combined Influent, Between GAC Adsorbers, and Stack Effluent. Vapor samples submitted for laboratory analysis of EPA Method TO-3 and TO-15.	SVE-1 through SVE-11	2159
4/2/2014 to 4/11/2014	---	The SVE system was shutdown for maintenance.	SVE-1 through SVE-11	2178
4/24/2014 to 5/9/2014	---	The SVE system was shutdown for maintenance (replacement of fuses and TVSS).	SVE-1 through SVE-11	2477
5/9/2014	12:10 PM	Grab samples collected from the Combined Influent, Between GAC Adsorbers, and Stack Effluent. Vapor samples submitted for laboratory analysis of EPA Method TO-3 and TO-15.	SVE-1 through SVE-11	2477
5/24/2014 to 5/27/2014	---	The SVE system shutdown due to a power outage.	SVE-1 through SVE-11	2836
6/4/2014	12:00 PM	SVE-1, SVE-2, SVE-5, and SVE-7 were closed at the manifold due to wellheads being either damaged or covered when the Site was cleared of grass/weeds by the City of Los Angeles.	SVE-3, SVE-4, SVE-6, and SVE-8 through SVE-11	3098
6/11/2014	2:24 PM	SVE-2, SVE-5, and SVE-7 were either found or repaired and opened back up at the manifold to operate with the SVE system. Grab samples collected from the Combined Influent, Between GAC Adsorbers, and Stack Effluent. Vapor samples submitted for laboratory analysis of EPA Method TO-3 and TO-15.	SVE-2 through SVE-11	3189
6/22/2014 to 7/3/2014	---	The SVE system was shutdown pending a GAC changeout on the primary GAC adsorber. A GAC changeout was completed on Vessel B on July 3, 2014.	SVE-2 through SVE-11	3441
7/3/2014	10:40 PM	SVE-1 was repaired and opened back up at the manifold to operate with the SVE system. Grab samples collected from the Combined Influent, Between GAC Adsorbers, and Stack Effluent. Vapor samples submitted for laboratory analysis of EPA Method TO-3 and TO-15.	SVE-1 through SVE-11	3445
8/1/2014	3:00 PM	Grab samples collected from the Combined Influent, Between GAC Adsorbers, and Stack Effluent. Vapor samples submitted for laboratory analysis of EPA Method TO-3 and TO-15.	SVE-1 through SVE-11	4131
9/10/2014	4:32 PM	Grab samples collected from the Combined Influent, Between GAC Adsorbers, and Stack Effluent. Vapor samples submitted for laboratory analysis of EPA Method TO-3 and TO-15. Grab samples also collected from the individual SVE points (SVE-1 through 11) at the manifold and submitted for laboratory analysis of EPA Method TO-15.	SVE-1 through SVE-11	5093
9/23/2014 to 9/30/2014	---	The SVE system was shutdown pending a GAC changeout on the primary GAC adsorber. A GAC changeout was completed on Vessel A on September 30, 2014.	SVE-1 through SVE-11	5344
10/13/2014	6:30 PM	Grab samples collected from the Combined Influent, Between GAC Adsorbers, and Stack Effluent. Vapor samples submitted for laboratory analysis of EPA Method TO-3 and TO-15.	SVE-1 through SVE-11	5691
11/5/2014	4:10 PM	Grab samples collected from the Combined Influent, Between GAC Adsorbers, and Stack Effluent. Vapor samples submitted for laboratory analysis of EPA Method TO-3 and TO-15. Monthly cycling of the SVE points begins, and the SVE system is set to operate with Set 1 of the SVE points (Set 1: SVE-2, SVE-3, SVE-4, SVE-7, SVE-8, SVE-9, and SVE-11 in operation).	SVE-2, SVE-3, SVE-4, SVE-7, SVE-8, SVE-9, SVE-11	6239

TABLE 9
SVE SYSTEM: OPERATIONS LOG
AmeriPride Services Inc.
3505 N. Pasadena Ave., Los Angeles, CA
Burns & McDonnell Project No. 89698

Date	Pacific Time	SVE System Operations and Notes	SVE Points in Operation	SVE System Total Hours of Operation
12/8/2014	1:40 PM	Grab samples collected from the Combined Influent, Between GAC Adsorbers, and Stack Effluent. Vapor samples submitted for laboratory analysis of EPA Method TO-3 and TO-15. SVE system is set to operate with Set 2 of the SVE points (Set 2: SVE-1, SVE-4, SVE-5, SVE-6, SVE-7, SVE-9, and SVE-10 in operation).	SVE-1, SVE-4, SVE-5, SVE-6, SVE-7, SVE-9, SVE-10	7010
12/17/2014 to 1/6/2015	---	The SVE system was shutdown pending a GAC changeout on the primary GAC adsorber. A GAC changeout was completed on Vessel B on January 6, 2015.	SVE-1, SVE-4, SVE-5, SVE-6, SVE-7, SVE-9, SVE-10	7229
1/6/2015	3:15 PM	Grab samples collected from the Combined Influent, Between GAC Adsorbers, and Stack Effluent. Vapor samples submitted for laboratory analysis of EPA Method TO-3 and TO-15.	SVE-1, SVE-4, SVE-5, SVE-6, SVE-7, SVE-9, SVE-10	7232
2/1/2015 to 2/4/2015	---	SVE system was shutdown for maintenance (drainage of VLS tank).	SVE-1, SVE-4, SVE-5, SVE-6, SVE-7, SVE-9, SVE-10	7666
2/4/2015	12:50 PM	Grab samples collected from the Combined Influent, Between GAC Adsorbers, and Stack Effluent. Vapor samples submitted for laboratory analysis of EPA Method TO-3 and TO-15. SVE system is set to operate with Set 1 of the SVE points.	SVE-2, SVE-3, SVE-4, SVE-7, SVE-8, SVE-9, SVE-11	7668
2/25/2015 to 2/27/2015	---	SVE system was shutdown for maintenance (drainage of VLS tank).	SVE-2, SVE-3, SVE-4, SVE-7, SVE-8, SVE-9, SVE-11	8162
3/4/2015	11:54 AM	Grab samples collected from the Combined Influent, Between GAC Adsorbers, and Stack Effluent. Vapor samples submitted for laboratory analysis of EPA Method TO-3 and TO-15. Grab samples also collected from the individual SVE points (SVE-1 through 11) at the manifold and submitted for laboratory analysis of EPA Method TO-15. SVE system is set to operate with Set 2 of the SVE points.	SVE-1, SVE-4, SVE-5, SVE-6, SVE-7, SVE-9, SVE-10	8277
4/1/2015	3:34 PM	Grab samples collected from the Combined Influent, Between GAC Adsorbers, and Stack Effluent. Vapor samples submitted for laboratory analysis of EPA Method TO-3 and TO-15. SVE system is set to operate with Set 1 of the SVE points.	SVE-2, SVE-3, SVE-4, SVE-7, SVE-8, SVE-9, SVE-11	8949
4/25/2015 to 5/1/2015	---	The SVE system shutdown due to a power outage.	SVE-2, SVE-3, SVE-4, SVE-7, SVE-8, SVE-9, SVE-11	9502
5/6/2015	2:30 PM	Grab samples collected from the Combined Influent, Between GAC Adsorbers, and Stack Effluent. Vapor samples submitted for laboratory analysis of EPA Method TO-3 and TO-15. Since PID reading after primary vessel was greater than 13.4 ppmv (as hexane) and efficiency was less than 90%, the SVE system was shutdown after collecting monthly samples pending a GAC changeout.	SVE-2, SVE-3, SVE-4, SVE-7, SVE-8, SVE-9, SVE-11	9634
5/6/2015 to 5/19/2015	---	The SVE system was shutdown pending a GAC changeout on the primary GAC adsorber. A GAC changeout was completed on Vessel A on May 19, 2015. SVE system is set to operate with Set 2 of the SVE points.	SVE-1, SVE-4, SVE-5, SVE-6, SVE-7, SVE-9, SVE-10	9636
6/1/2015	11:48 AM	Grab samples collected from the Combined Influent, Between GAC Adsorbers, and Stack Effluent. Vapor samples submitted for laboratory analysis of EPA Method TO-3 and TO-15. SVE system is set to operate with Set 1 of the SVE points.	SVE-2, SVE-3, SVE-4, SVE-7, SVE-8, SVE-9, SVE-11	9946
6/19/2015 to 6/25/2015	---	The SVE system shutdown due to a power outage.	SVE-2, SVE-3, SVE-4, SVE-7, SVE-8, SVE-9, SVE-11	10382
7/7/2015	1:29 PM	Grab samples collected from the Combined Influent, Between GAC Adsorbers, and Stack Effluent. Vapor samples submitted for laboratory analysis of EPA Method TO-3 and TO-15. SVE system is set to operate with Set 2 of the SVE points.	SVE-1, SVE-4, SVE-5, SVE-6, SVE-7, SVE-9, SVE-10	10673
7/17/2015	7:27 AM	Per conversation with DTSC, the SVE system was shutdown to begin rebound testing.	SVE-1, SVE-4, SVE-5, SVE-6, SVE-7, SVE-9, SVE-10	11003

TABLE 10
SVE SYSTEM: COMBINED INFLUENT ANALYTICAL RESULTS
AmeriPride Services Inc.
3505 N. Pasadena Ave., Los Angeles, CA
Burns & McDonnell Project No. 89698

COMBINED SYSTEM INFLUENT		Tetrachloroethene (PCE)	Trichloroethene (TCE)	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Acetone	Benzene	2-Butanone (Methyl Ethyl Ketone)	Carbon disulfide	Chloroform	Dichlorodifluoromethane	1-1-Dichloroethane	1-1-Dichloroethene	1,1,2,2-Tetrachloroethane	Toluene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl chloride	Flow Rate (scfm)	PCE Removed (Pounds Per Day)	PCE Removed To-Date (Pounds)	Total VOCs Removed (Pounds Per Day)	Total VOCs Removed To-Date (Pounds)
12/04/13	**5:55 PM**	**430,000**	**30,000**	**64,000**	**3,700**	<100	<35	<96	<140	<53	<54	<44	<43	<150	<41	<160	<53	**280**	348	13	5.6	17	6.9
12/05/13	**3:17 PM**	**160,000**	**17,000**	**36,000**	**2,900**	<82	<28	<120	<110	<42	<43	<35	**42**	<120	<33	<130	<43	**640**	333	8.8	7.8	11	9.7
12/12/13	**6:44 PM**	**26,000**	**13,000**	**13,000**	**460**	<190	<64	<180	<250	<98	<99	<81	<79	<270	<75	<290	<98	**62**	348	2.9	28	4.2	38
01/10/14	**3:06 PM**	**20,000**	**5,100**	**4,900**	**140**	**14**	<2.6	<78	**32**	**13**	<4.0	<3.2	<3.2	<11	<3.0	<12	<3.9	<2.0	388	0.80	39	1.4	60
02/07/14	**1:30 PM**	**8,300**	**5,400**	**2,200**	**42**	<48	<16	<44	<62	<24	<25	<20	<20	<69	<19	<74	<25	<13	375	0.48	53	0.78	81
03/10/14	**5:54 PM**	**11,000**	**5,700**	**1,000**	**25**	<48	<16	<44	<62	<24	<25	<20	<20	<69	<19	<74	<25	<13	389	0.34	59	0.59	92
04/01/14	**7:50 PM**	**9,900**	**3,400**	**420**	<9.9	<24	<8.0	<22	<31	14	<12	<10	<9.9	<34	<9.4	<37	<12	<6.4	399	0.38	67	0.56	104
05/09/14	**12:34 PM**	**24,000**	**6,000**	**360**	<16	<38	<13	<35	<50	20	<20	<16	<16	<55	<15	<59	<20	<10	387	0.59	75	0.77	114
06/11/14	**2:48 PM**	**13,000**	**5,100**	**530**	<95	<95	<32	<88	<120	<49	<49	<40	<40	<140	<38	<150	<49	<26	369	0.61	93	0.81	139
07/03/14	**11:04 PM**	**13,000**	**3,300**	**350**	**8.4**	**25**	<2.5	**34**	<9.7	**30**	**4.5**	<3.2	<3.1	<11	<2.9	<12	<3.8	**6.6**	352	0.41	97	0.56	144
08/01/14	**3:23 PM**	**12,000**	**2,300**	**280**	<20	<48	<16	<44	<62	<24	<25	<20	<20	<69	<19	<74	<25	<13	353	0.40	109	0.50	159
09/11/14	**4:56 PM**	**12,000**	**1,700**	**190**	<20	<48	<16	<44	<62	<24	<25	<20	<20	<69	<19	<74	<25	<13	334	0.36	123	0.43	176
10/13/14	**6:54 PM**	**11,000**	**1,400**	**240**	<20	<48	<16	<44	<62	<24	<25	<20	<20	<69	<19	<74	<25	<13	317	0.33	131	0.38	185
11/05/14	**4:34 PM**	**12,000**	**1,100**	**130**	<16	<38	<13	<35	<50	<20	<20	<16	<16	<55	<15	<59	<20	<10	310	0.32	139	0.36	193
12/08/14	**2:04 PM**	**9,700**	**850**	**71**	<32	<76	<26	<71	<100	<39	<40	<32	<32	<110	<30	<120	<39	<20	286	0.28	148	0.31	203
01/06/15	**3:30 PM**	**12,000**	**1,600**	**860**	<16	<38	<13	<35	<50	<20	<20	<16	<16	<55	<15	<59	<20	<10	315	0.31	150	0.36	207
02/04/15	**12:50 PM**	**13,000**	**1,000**	**130**	<20	<48	<16	<44	<62	<24	<25	<20	<20	<69	<19	<74	<25	<13	307	0.34	157	0.39	214
03/04/15	**12:10 PM**	**10,000**	**660**	**68**	<20	<48	<16	<44	<62	<24	<25	<20	<20	<69	<19	<74	<25	<13	291	0.30	164	0.33	222
04/01/15	**3:50 PM**	**12,000**	**580**	**65**	<25	<59	<20	<55	<78	<31	<31	<25	**27**	<86	<24	<92	<31	<16	310	0.31	173	0.33	231
05/06/15	**2:50 PM**	**10,000**	**360**	**58**	<20	<48	<16	<44	<62	<24	<25	<20	<20	<69	<19	<74	<25	<13	304	0.30	182	0.32	240
06/01/15	**12:04 PM**	**11,000**	**470**	<79	<79	<190	<64	<180	<250	<98	<99	<81	<79	<270	<75	<290	<98	<51	323	0.31	186	0.32	244
07/07/15	**3:54 PM**	**6,200**	**350**	**49**	<20	<48	<16	<44	<62	<24	<25	<20	<20	<69	<19	<74	<25	<13	294	0.23	192	0.24	252
																		Estimated through 7/17/2015 >>		0.16	195	0.17	254

Notes:
All values are expressed in micrograms per cubic meter [µg/m3] unless otherwise noted
Non-detect results are expressed as "less than laboratory reporting limit.'
Concentrations detected above the laboratory reporting limit are bolded.

TABLE 11
SVE SYSTEM: BETWEEN GAC ADSORBERS ANALYTICAL RESULTS
AmeriPride Services Inc.
3505 N. Pasadena Ave., Los Angeles, CA 90031
Burns & McDonnell Project No. 89698

BETWEEN GAC ADSORBERS		Tetrachloroethene (PCE)	Trichloroethene (TCE)	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Acetone	Benzene	2-Butanone (Methyl Ethyl Ketone)	Carbon disulfide	Chloroform	Dichlorodifluoromethane	1-1-Dichloroethane	1-1-Dichloroethene	1,1,2,2-Tetrachloroethane	Toluene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl Chloride
12/12/13	**6:44 PM**	<3.4	**17**	**75**	**2.1**	**7.8**	<1.6	<7.2	<6.2	<2.4	**8.9**	**5.6**	**12**	<6.9	**4.1**	**12**	**3.1**	**720**
01/10/14	**2:54 PM**	<3.4	**6.3**	**2,600**	**79**	**17**	<1.6	<4.4	**46**	**3.4**	**3.3**	<2.0	**5.7**	<6.9	<1.9	<7.4	<2.5	**13**
02/07/14	**1:20 PM**	**430**	**2,100**	**12,000**	**340**	**14**	<3.8	<11	**19**	**28**	<5.9	<4.8	<4.7	<16	<4.5	<18	<5.8	**3.7**
03/10/14	**5:42 PM**	<3.4	<2.7	**1,200**	**55**	**19**	<1.6	<4.4	**25**	**3.4**	**3.9**	<2.0	**5.8**	<6.9	<1.9	<7.4	<2.5	**4.7**
04/01/14	**7:42 PM**	<3.4	**6.8**	**7,300**	**250**	<4.8	<1.6	<4.4	**7.1**	**29**	**3.0**	<2.0	**2.1**	<6.9	<1.9	<7.4	<2.5	**1.4**
05/09/14	**12:22 PM**	**11**	**13**	**7,500**	**230**	**28**	<1.6	<4.4	**6.5**	**39**	**4.7**	<2.0	<2.0	<6.9	<1.9	<7.4	<2.5	**4.3**
06/11/14	**2:36 PM**	**2,300**	**9,600**	**3,500**	**51**	<95	<32	<88	<120	**54**	<49	<40	<40	<140	<38	<150	<49	<26
07/03/14	**10:52 PM**	<4.1	<3.2	**4,200**	**170**	**14**	<1.9	<5.3	<7.5	**18**	**3.9**	<2.4	<2.4	<8.2	<2.3	<8.8	<2.9	**2.5**
08/01/14	**3:12 PM**	<3.4	<2.7	**1,400**	**44**	**8.6**	<1.6	<4.4	<6.2	**5.4**	**2.7**	<2.0	<2.0	<6.9	<1.9	<7.4	<2.5	**1.5**
09/10/14	**4:44 PM**	**2,300**	**5,700**	**5,800**	**110**	**9.8**	<1.6	<4.5	<6.4	**63**	**4.4**	<2.4	**2.4**	<7.0	<1.9	<7.5	<2.5	**2.3**
10/13/14	**6:42 PM**	**44**	<10	**210**	**15**	<18	<6.2	<17	<24	<9.4	<9.6	<7.8	<7.7	<27	<7.3	<29	<9.5	<4.9
11/05/14	**4:22 PM**	<3.4	**5.9**	**2,100**	**92**	**5.3**	<1.6	<4.4	<6.2	**19**	**3.6**	<2.0	**3.1**	<6.9	<1.9	<7.4	<2.5	**1.8**
12/08/14	**1:52 PM**	**320**	**1,400**	**10,000**	**110**	<110	<37	<100	<140	**90**	<58	<47	<46	<160	<44	<170	<57	<30
01/06/15	**3:23 PM**	**53**	**12**	**600**	**22**	<12	<4.1	<11	<16	**17**	<6.4	<5.2	<5.1	<18	<4.9	<19	<6.3	<3.3
02/04/15	**1:00 PM**	**14**	**8.7**	**270**	**7.9**	<4.8	**6.9**	<4.4	<6.2	**4.0**	**4.3**	<2.0	<2.0	<6.9	**2.3**	<7.4	<2.5	<1.3
03/04/15	**12:02 PM**	<9.0	<7.1	**810**	**25**	<13	<4.2	<12	<16	**15**	<6.5	<5.3	<5.2	<18	<5.0	<19	<6.5	<3.4
04/01/15	**3:42 PM**	**6.6**	**17**	**1,400**	**74**	**8.0**	<1.6	<4.4	<6.2	**29**	<2.5	<2.0	<2.0	<6.9	<1.9	<7.4	<2.5	<1.3
05/06/15	**2:40 PM**	**2,300**	**2,500**	**2,300**	**42**	<19	<6.4	<18	<25	**54**	<9.9	<8.1	<7.9	<27	<7.5	<29	<9.8	<5.1
06/01/15	**11:56 AM**	<3.4	<2.7	**250**	**9.8**	**5.6**	<1.6	<4.4	<6.2	**9.2**	**3.4**	<2.0	<2.0	<6.9	<1.9	<7.4	<2.5	<1.3
07/07/15	**2:21 PM**	<3.4	<2.7	**340**	**19**	**6.2**	<1.6	<4.4	<6.2	**8.8**	**2.8**	<2.0	<2.0	<6.9	<1.9	<7.4	<2.5	<1.3

Notes:
All values are expressed in micrograms per cubic meter [µg/m3] unless otherwise noted.
Non-detect results are expressed as "less than laboratory reporting limit."
Concentrations detected above the laboratory reporting limit are bolded.

TABLE 12
SVE SYSTEM: STACK EFFLUENT ANALYTICAL RESULTS
AmeriPride Services Inc.
3505 N. Pasadena Ave., Los Angeles, CA 90031
Burns & McDonnell Project No. 89698

STACK EFFLUENT		Tetrachloroethene (PCE)	Trichloroethene (TCE)	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Acetone	Benzene	2-Butanone (Methyl Ethyl Ketone)	Carbon disulfide	Chloroform	Dichlorodifluoromethane	1-1-Dichloroethane	1-1-Dichloroethene	1,1,2,2-Tetrachloroethane	Toluene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl Chloride
12/12/13	**6:44 PM**	**36**	**19**	<2.0	<2.0	**5.4**	<1.6	<4.4	<6.2	<2.4	<2.5	<2.0	**5.5**	<6.9	<1.9	<7.4	<2.5	**22**
01/10/14	**2:45 PM**	<3.4	<2.7	<2.0	<2.0	**29**	<1.6	**7.3**	<6.2	<2.4	**4.8**	<2.0	<2.0	<6.9	<1.9	<7.4	<2.5	**19**
02/07/14	**1:10 PM**	<8.9	<7.0	**280**	**22**	**43**	<4.2	<12	**51**	<6.4	<6.5	<5.3	**6.4**	<18	<4.9	<19	<6.4	**7.7**
03/10/14	**5:30 PM**	**10**	<2.7	<2.0	<2.0	**34**	<1.6	<4.4	<6.2	<2.4	**5.3**	<2.0	<2.0	<6.9	<1.9	<7.4	<2.5	**7.4**
04/01/14	**7:34 PM**	<3.4	<2.7	**2.3**	**41**	**7.3**	<1.6	<4.4	**15**	<2.4	<2.5	<2.0	**2.3**	<6.9	<1.9	<7.4	<2.5	**2.3**
05/09/14	**12:10 PM**	<3.4	**7.5**	**500**	**28**	**12**	<1.6	<4.4	**25**	**3.8**	<2.5	<2.0	**9.4**	<6.9	<1.9	<7.4	<2.5	**4.7**
06/11/14	**2:24 PM**	<14	<11	**3,200**	**140**	<19	<6.4	<18	<25	**13**	<9.9	<8.1	<7.9	<27	<7.5	<29	<9.8	<5.1
07/03/14	**10:40 PM**	<4.2	<3.4	<2.5	<2.5	**23**	<2.0	<5.5	<7.8	<3.1	<3.1	<2.5	<2.5	<8.6	<2.4	<9.2	<3.1	<1.6
08/01/14	**3:00 PM**	<3.5	<2.8	<2.1	<2.1	<4.9	<1.7	<4.6	<6.5	<2.5	**2.9**	<2.1	<2.1	<7.1	<2.0	<7.7	<2.6	**2.1**
09/10/14	**4:32 PM**	<4.2	<3.3	**9.0**	<2.5	**6.8**	<2.0	<5.5	<7.7	<3.0	**4.5**	<2.5	<2.5	<8.5	<2.3	<9.1	<3.0	**2.4**
10/13/14	**6:30 PM**	**5.9**	<2.7	<2.0	<2.0	**13**	<1.6	<4.5	<6.4	<2.5	**4.5**	<2.1	<2.0	<7.0	<1.9	<7.5	<2.5	**3.0**
11/05/14	**4:10 PM**	<3.7	<2.9	<2.1	<2.1	**11**	<1.7	<4.8	<6.7	<2.6	**3.6**	<2.2	<2.1	<7.4	<2.0	<8.0	<2.7	**1.7**
12/08/14	**1:40 PM**	<3.4	<2.7	**260**	**12**	**20**	<1.6	<4.4	<6.2	**9.2**	**4.0**	<2.0	<2.0	<6.9	<1.9	<7.4	<2.5	<1.3
01/06/15	**3:15 PM**	<4.4	<3.5	<2.6	<2.6	**8.0**	<2.1	<5.8	<8.1	<3.2	<3.2	<2.6	<2.6	<8.9	**3.4**	<9.6	<3.2	<1.7
02/04/15	**12:50 PM**	<3.4	<2.7	<2.0	<2.0	<4.8	<1.6	<4.4	<6.2	<2.4	**2.5**	<2.0	<2.0	<6.9	<1.9	<7.4	<2.5	<1.3
03/04/15	**11:54 AM**	<3.4	<2.7	**2.7**	<2.0	**4.9**	**3.6**	<4.4	<6.2	<2.4	**3.9**	<2.0	<2.0	<6.9	<1.9	<7.4	<2.5	<1.3
04/01/15	**3:34 PM**	<3.9	<3.1	**11**	<2.3	**22**	<1.8	<5.0	<7.1	<2.8	**3.6**	<2.3	**7.2**	<7.8	<2.1	<8.4	<2.8	<1.5
05/06/15	**2:30 PM**	<3.4	<2.7	**55**	**2.7**	<4.8	<1.6	<4.4	<6.2	**4.1**	**2.6**	<2.0	<2.0	<6.9	<1.9	<7.4	<2.5	<1.3
06/01/15	**11:48 AM**	<3.4	<2.7	<2.0	<2.0	**16**	<1.6	<4.5	<6.3	<2.5	**4.2**	<2.0	<2.0	<6.9	<1.9	<7.4	<2.5	<1.3
07/07/15	**1:29 PM**	<3.4	<2.7	<2.0	<2.0	**5.6**	<1.6	<4.4	<6.2	<2.4	**3.3**	<2.0	<2.0	<6.9	<1.9	<7.4	<2.5	<1.3

Notes:
All values are expressed in micrograms per cubic meter [µg/m3] unless otherwise noted.
Non-detect results are expressed as "less than laboratory reporting limit."
Concentrations detected above the laboratory reporting limit are bolded.

APPENDIX A

ANALYTICAL REPORTS

Mobile Geochemistry Inc.

25 January 2016

Mr. Erik Brenegan
Burns and McDonnell - Bloomington
8201 Norma Center Dr.
Bloomington, MN 55437

H&P Project: BM011816-SB2
Client Project: 65805 / 3505 Pasadena Ave

Dear Mr. Erik Brenegan:

Enclosed is the analytical report for the above referenced project. The data herein applies to samples as received by H&P Mobile Geochemistry, Inc. on 1/18/2016 -1/19/2016 which were analyzed in accordance with the attached Chain of Custody record(s).

The results for all sample analyses and required QA/QC analyses are presented in the following sections and summarized in the documents:

- Sample Summary
- Case Narrative (if applicable)
- Sample Results
- Quality Control Summary
- Notes and Definitions / Appendix
- Chain of Custody
- Sampling Logs (if applicable)

Unless otherwise noted, I certify that all analyses were performed and reviewed in compliance with our Quality Systems Manual and Standard Operating Procedures. This report shall not be reproduced, except in full, without the written approval of H&P Mobile Geochemistry, Inc.

We at H&P Mobile Geochemistry, Inc. sincerely appreciate the opportunity to provide analytical services to you on this project. If you have any questions or concerns regarding this analytical report, please contact me at your convenience at 760-804-9678.

Sincerely,

Janis Villarreal

Janis Villarreal
Laboratory Director

H&P Mobile Geochemistry, Inc. is certified under the California ELAP, the National Environmental Laboratory Accreditation Conference (NELAC) and the Department of Defense Accreditation Programs.

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
VP6-5	E601061-01	Vapor	18-Jan-16	18-Jan-16
VP6-10	E601061-02	Vapor	18-Jan-16	18-Jan-16
VP6-20	E601061-03	Vapor	18-Jan-16	18-Jan-16
VP6-30	E601061-04	Vapor	18-Jan-16	18-Jan-16
VP6-30 REP	E601061-05	Vapor	18-Jan-16	18-Jan-16
VP3-5	E601061-06	Vapor	18-Jan-16	18-Jan-16
VP3-10	E601061-07	Vapor	18-Jan-16	18-Jan-16
VP3-20	E601061-08	Vapor	18-Jan-16	18-Jan-16
VP3-30	E601061-09	Vapor	18-Jan-16	18-Jan-16
VP5-5	E601061-10	Vapor	18-Jan-16	18-Jan-16
VP5-10	E601061-11	Vapor	18-Jan-16	18-Jan-16
VP5-20	E601061-12	Vapor	18-Jan-16	18-Jan-16
VP5-30	E601061-13	Vapor	18-Jan-16	18-Jan-16
VP1-5	E601061-14	Vapor	18-Jan-16	18-Jan-16
VP1-10	E601061-15	Vapor	18-Jan-16	18-Jan-16
VP1-20	E601061-16	Vapor	18-Jan-16	18-Jan-16
VP1-30	E601061-17	Vapor	18-Jan-16	18-Jan-16
VP4R-5	E601068-01	Vapor	19-Jan-16	19-Jan-16
VP4R-10	E601068-02	Vapor	19-Jan-16	19-Jan-16
VP4R-10 REP	E601068-03	Vapor	19-Jan-16	19-Jan-16
VP4R-20	E601068-04	Vapor	19-Jan-16	19-Jan-16
VP4R-30	E601068-05	Vapor	19-Jan-16	19-Jan-16

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

DETECTIONS SUMMARY

Sample ID: **VP6-5** Laboratory ID: **E601061-01**

Analyte	Result	Reporting Limit	Units	Method	Notes
Tetrachloroethene	**0.27**	0.08	ug/l	H&P 8260SV	

Sample ID: **VP6-10** Laboratory ID: **E601061-02**

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	**0.08**	0.08	ug/l	H&P 8260SV	
Tetrachloroethene	**0.69**	0.08	ug/l	H&P 8260SV	

Sample ID: **VP6-20** Laboratory ID: **E601061-03**

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	**0.08**	0.08	ug/l	H&P 8260SV	
Trichloroethene	**0.15**	0.08	ug/l	H&P 8260SV	
Tetrachloroethene	**2.2**	0.08	ug/l	H&P 8260SV	

Sample ID: **VP6-30** Laboratory ID: **E601061-04**

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**0.16**	0.08	ug/l	H&P 8260SV	
Tetrachloroethene	**2.1**	0.08	ug/l	H&P 8260SV	

Sample ID: **VP6-30 REP** Laboratory ID: **E601061-05**

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	**0.08**	0.08	ug/l	H&P 8260SV	
Trichloroethene	**0.14**	0.08	ug/l	H&P 8260SV	
Tetrachloroethene	**2.1**	0.08	ug/l	H&P 8260SV	

Sample ID: **VP3-5** Laboratory ID: **E601061-06**

Analyte	Result	Reporting Limit	Units	Method	Notes
Tetrachloroethene	**0.28**	0.08	ug/l	H&P 8260SV	

Sample ID: **VP3-10** Laboratory ID: **E601061-07**

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	**0.08**	0.08	ug/l	H&P 8260SV	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Sample ID: **VP3-10** Laboratory ID: **E601061-07**

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**0.16**	0.08	ug/l	H&P 8260SV	
Tetrachloroethene	**0.80**	0.08	ug/l	H&P 8260SV	

Sample ID: **VP3-20** Laboratory ID: **E601061-08**

Analyte	Result	Reporting Limit	Units	Method	Notes
cis-1,2-Dichloroethene	**0.67**	0.40	ug/l	H&P 8260SV	
Benzene	**0.08**	0.08	ug/l	H&P 8260SV	
Trichloroethene	**1.8**	0.08	ug/l	H&P 8260SV	
Tetrachloroethene	**8.1**	0.08	ug/l	H&P 8260SV	

Sample ID: **VP3-30** Laboratory ID: **E601061-09**

Analyte	Result	Reporting Limit	Units	Method	Notes
cis-1,2-Dichloroethene	**70**	0.40	ug/l	H&P 8260SV	
Trichloroethene	**6.2**	0.08	ug/l	H&P 8260SV	
Tetrachloroethene	**16**	0.08	ug/l	H&P 8260SV	

Sample ID: **VP5-5** Laboratory ID: **E601061-10**

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	**0.08**	0.08	ug/l	H&P 8260SV	
Tetrachloroethene	**0.32**	0.08	ug/l	H&P 8260SV	

Sample ID: **VP5-10** Laboratory ID: **E601061-11**

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	**0.08**	0.08	ug/l	H&P 8260SV	
Tetrachloroethene	**0.59**	0.08	ug/l	H&P 8260SV	

Sample ID: **VP5-20** Laboratory ID: **E601061-12**

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**0.25**	0.08	ug/l	H&P 8260SV	
Tetrachloroethene	**1.2**	0.08	ug/l	H&P 8260SV	

Sample ID: **VP5-30** Laboratory ID: **E601061-13**

Analyte	Result	Reporting Limit	Units	Method	Notes

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Sample ID: **VP5-30** Laboratory ID: **E601061-13**

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**0.29**	0.08	ug/l	H&P 8260SV	
Tetrachloroethene	**1.5**	0.08	ug/l	H&P 8260SV	

Sample ID: **VP1-5** Laboratory ID: **E601061-14**

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**0.08**	0.08	ug/l	H&P 8260SV	
Tetrachloroethene	**5.3**	0.08	ug/l	H&P 8260SV	

Sample ID: **VP1-10** Laboratory ID: **E601061-15**

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**0.20**	0.08	ug/l	H&P 8260SV	
Tetrachloroethene	**16**	0.08	ug/l	H&P 8260SV	

Sample ID: **VP1-20** Laboratory ID: **E601061-16**

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**0.39**	0.08	ug/l	H&P 8260SV	
Tetrachloroethene	**33**	0.08	ug/l	H&P 8260SV	

Sample ID: **VP1-30** Laboratory ID: **E601061-17**

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**0.41**	0.08	ug/l	H&P 8260SV	
Tetrachloroethene	**47**	0.08	ug/l	H&P 8260SV	

Sample ID: **VP4R-5** Laboratory ID: **E601068-01**

Analyte	Result	Reporting Limit	Units	Method	Notes
Tetrachloroethene	**0.49**	0.08	ug/l	H&P 8260SV	

Sample ID: **VP4R-10** Laboratory ID: **E601068-02**

Analyte	Result	Reporting Limit	Units	Method	Notes
Tetrachloroethene	**2.0**	0.08	ug/l	H&P 8260SV	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Sample ID: **VP4R-10 REP** Laboratory ID: **E601068-03**

Analyte	Result	Reporting Limit	Units	Method	Notes
Tetrachloroethene	**1.9**	0.08	ug/l	H&P 8260SV	

Sample ID: **VP4R-20** Laboratory ID: **E601068-04**

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**0.19**	0.08	ug/l	H&P 8260SV	
Tetrachloroethene	**5.3**	0.08	ug/l	H&P 8260SV	

Sample ID: **VP4R-30** Laboratory ID: **E601068-05**

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**0.17**	0.08	ug/l	H&P 8260SV	
Tetrachloroethene	**7.1**	0.08	ug/l	H&P 8260SV	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP6-5 (E601061-01) Vapor Sampled: 18-Jan-16 Received: 18-Jan-16									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EA61810	18-Jan-16	18-Jan-16	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	ND	0.08	"	"	"	"	"	"	
Trichloroethene	ND	0.08	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	**0.27**	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	
o-Xylene	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*105 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*97.6 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8		*110 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*110 %*	*75-125*		"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP6-10 (E601061-02) Vapor Sampled: 18-Jan-16 Received: 18-Jan-16									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EA61810	18-Jan-16	18-Jan-16	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	**0.08**	0.08	"	"	"	"	"	"	
Trichloroethene	ND	0.08	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	**0.69**	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	
o-Xylene	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*107 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*106 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*110 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*107 %*		*75-125*	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP6-20 (E601061-03) Vapor Sampled: 18-Jan-16 Received: 18-Jan-16									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EA61810	18-Jan-16	18-Jan-16	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	**0.08**	0.08	"	"	"	"	"	"	
Trichloroethene	**0.15**	0.08	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	**2.2**	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	
o-Xylene	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*105 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*105 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8		*111 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*111 %*	*75-125*		"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP6-30 (E601061-04) Vapor Sampled: 18-Jan-16 Received: 18-Jan-16									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EA61810	18-Jan-16	18-Jan-16	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	ND	0.08	"	"	"	"	"	"	
Trichloroethene	**0.16**	0.08	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	**2.1**	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	
o-Xylene	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*107 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*103 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*112 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*108 %*		*75-125*	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP6-30 REP (E601061-05) Vapor Sampled: 18-Jan-16 Received: 18-Jan-16									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EA61810	18-Jan-16	18-Jan-16	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	**0.08**	0.08	"	"	"	"	"	"	
Trichloroethene	**0.14**	0.08	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	**2.1**	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	
o-Xylene	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*109 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*103 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*112 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*108 %*		*75-125*	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP3-5 (E601061-06) Vapor Sampled: 18-Jan-16 Received: 18-Jan-16									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EA61810	18-Jan-16	18-Jan-16	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	ND	0.08	"	"	"	"	"	"	
Trichloroethene	ND	0.08	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	**0.28**	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	
o-Xylene	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*103 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8		*112 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*108 %*	*75-125*		"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP3-10 (E601061-07) Vapor Sampled: 18-Jan-16 Received: 18-Jan-16									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EA61810	18-Jan-16	18-Jan-16	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	**0.08**	0.08	"	"	"	"	"	"	
Trichloroethene	**0.16**	0.08	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	**0.80**	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	
o-Xylene	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*104 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8		*109 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*108 %*	*75-125*		"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP3-20 (E601061-08) Vapor Sampled: 18-Jan-16 Received: 18-Jan-16									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EA61810	18-Jan-16	18-Jan-16	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**0.67**	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	**0.08**	0.08	"	"	"	"	"	"	
Trichloroethene	**1.8**	0.08	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	**8.1**	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	
o-Xylene	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*105 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8		*109 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*108 %*	*75-125*		"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP3-30 (E601061-09) Vapor Sampled: 18-Jan-16 Received: 18-Jan-16									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EA61810	18-Jan-16	18-Jan-16	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**70**	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	ND	0.08	"	"	"	"	"	"	
Trichloroethene	**6.2**	0.08	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	**16**	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	
o-Xylene	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*102 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*99.5 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*112 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*111 %*		*75-125*	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP5-5 (E601061-10) Vapor Sampled: 18-Jan-16 Received: 18-Jan-16									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EA61810	18-Jan-16	18-Jan-16	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	**0.08**	0.08	"	"	"	"	"	"	
Trichloroethene	ND	0.08	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	**0.32**	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	
o-Xylene	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*105 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8		*109 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*111 %*	*75-125*		"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP5-10 (E601061-11) Vapor Sampled: 18-Jan-16 Received: 18-Jan-16									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EA61810	18-Jan-16	18-Jan-16	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	**0.08**	0.08	"	"	"	"	"	"	
Trichloroethene	ND	0.08	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	**0.59**	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	
o-Xylene	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*105 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*106 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8		*113 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*106 %*	*75-125*		"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP5-20 (E601061-12) Vapor Sampled: 18-Jan-16 Received: 18-Jan-16									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EA61810	18-Jan-16	18-Jan-16	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	ND	0.08	"	"	"	"	"	"	
Trichloroethene	**0.25**	0.08	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	**1.2**	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	
o-Xylene	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*109 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*103 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*111 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*109 %*		*75-125*	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP5-30 (E601061-13) Vapor Sampled: 18-Jan-16 Received: 18-Jan-16									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EA61810	18-Jan-16	18-Jan-16	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	ND	0.08	"	"	"	"	"	"	
Trichloroethene	**0.29**	0.08	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	**1.5**	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	
o-Xylene	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*106 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*99.2 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8		*110 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*106 %*	*75-125*		"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP1-5 (E601061-14) Vapor Sampled: 18-Jan-16 Received: 18-Jan-16									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EA61810	18-Jan-16	18-Jan-16	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	ND	0.08	"	"	"	"	"	"	
Trichloroethene	**0.08**	0.08	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	**5.3**	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	
o-Xylene	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*104 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8		*111 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*105 %*	*75-125*		"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP1-10 (E601061-15) Vapor Sampled: 18-Jan-16 Received: 18-Jan-16									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EA61810	18-Jan-16	18-Jan-16	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	ND	0.08	"	"	"	"	"	"	
Trichloroethene	**0.20**	0.08	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	**16**	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	
o-Xylene	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*109 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8		*112 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*105 %*	*75-125*		"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP1-20 (E601061-16) Vapor Sampled: 18-Jan-16 Received: 18-Jan-16									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EA61810	18-Jan-16	18-Jan-16	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	ND	0.08	"	"	"	"	"	"	
Trichloroethene	**0.39**	0.08	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	**33**	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	
o-Xylene	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*105 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8		*109 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*105 %*	*75-125*		"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP1-30 (E601061-17) Vapor Sampled: 18-Jan-16 Received: 18-Jan-16									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EA61810	18-Jan-16	18-Jan-16	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	ND	0.08	"	"	"	"	"	"	
Trichloroethene	**0.41**	0.08	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	**47**	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	
o-Xylene	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*105 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8		*112 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*106 %*	*75-125*		"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP4R-5 (E601068-01) Vapor Sampled: 19-Jan-16 Received: 19-Jan-16									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EA61910	19-Jan-16	19-Jan-16	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	ND	0.08	"	"	"	"	"	"	
Trichloroethene	ND	0.08	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	**0.49**	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	
o-Xylene	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*109 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*105 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*112 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*106 %*		*75-125*	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP4R-10 (E601068-02) Vapor Sampled: 19-Jan-16 Received: 19-Jan-16									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EA61910	19-Jan-16	19-Jan-16	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	ND	0.08	"	"	"	"	"	"	
Trichloroethene	ND	0.08	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	**2.0**	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	
o-Xylene	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*104 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*98.0 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8		*109 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*107 %*	*75-125*		"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP4R-10 REP (E601068-03) Vapor Sampled: 19-Jan-16 Received: 19-Jan-16									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EA61910	19-Jan-16	19-Jan-16	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	ND	0.08	"	"	"	"	"	"	
Trichloroethene	ND	0.08	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	**1.9**	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	
o-Xylene	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*104 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*99.3 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*110 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*109 %*		*75-125*	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP4R-20 (E601068-04) Vapor Sampled: 19-Jan-16 Received: 19-Jan-16									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EA61910	19-Jan-16	19-Jan-16	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	ND	0.08	"	"	"	"	"	"	
Trichloroethene	**0.19**	0.08	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	**5.3**	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	
o-Xylene	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*106 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*106 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*111 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*110 %*		*75-125*	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP4R-30 (E601068-05) Vapor Sampled: 19-Jan-16 Received: 19-Jan-16									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EA61910	19-Jan-16	19-Jan-16	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	ND	0.08	"	"	"	"	"	"	
Trichloroethene	**0.17**	0.08	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	**7.1**	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	
o-Xylene	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*106 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*98.3 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8		*111 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*109 %*	*75-125*		"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Volatile Organic Compounds by H&P 8260SV - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EA61810 - EPA 5030										
Blank (EA61810-BLK1)				Prepared & Analyzed: 18-Jan-16						
1,1-Difluoroethane (LCC)	ND	0.40	ug/l							
Dichlorodifluoromethane (F12)	ND	0.40	"							
Vinyl chloride	ND	0.04	"							
Chloroethane	ND	0.40	"							
Trichlorofluoromethane (F11)	ND	0.40	"							
1,1-Dichloroethene	ND	0.40	"							
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"							
Methylene chloride (Dichloromethane)	ND	0.40	"							
trans-1,2-Dichloroethene	ND	0.40	"							
1,1-Dichloroethane	ND	0.40	"							
cis-1,2-Dichloroethene	ND	0.40	"							
Chloroform	ND	0.08	"							
1,1,1-Trichloroethane	ND	0.40	"							
Carbon tetrachloride	ND	0.08	"							
1,2-Dichloroethane (EDC)	ND	0.08	"							
Benzene	ND	0.08	"							
Trichloroethene	ND	0.08	"							
Toluene	ND	0.80	"							
1,1,2-Trichloroethane	ND	0.40	"							
Tetrachloroethene	ND	0.08	"							
Ethylbenzene	ND	0.40	"							
1,1,1,2-Tetrachloroethane	ND	0.40	"							
m,p-Xylene	ND	0.40	"							
o-Xylene	ND	0.40	"							
1,1,2,2-Tetrachloroethane	ND	0.40	"							
Surrogate: Dibromofluoromethane	*2.17*		*"*	*2.00*		*108*	*75-125*			
Surrogate: 1,2-Dichloroethane-d4	*2.11*		*"*	*2.00*		*106*	*75-125*			
Surrogate: Toluene-d8	*2.22*		*"*	*2.00*		*111*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*2.18*		*"*	*2.00*		*109*	*75-125*			

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Volatile Organic Compounds by H&P 8260SV - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EA61810 - EPA 5030										
LCS (EA61810-BS1)				Prepared & Analyzed: 18-Jan-16						
Dichlorodifluoromethane (F12)	3.7	0.50	ug/l	5.00		73.7	70-130			
Vinyl chloride	5.1	0.05	"	5.00		102	70-130			
Chloroethane	5.7	0.50	"	5.00		114	70-130			
Trichlorofluoromethane (F11)	5.0	0.50	"	5.00		99.6	70-130			
1,1-Dichloroethene	5.7	0.50	"	5.00		114	70-130			
1,1,2 Trichlorotrifluoroethane (F113)	6.1	0.50	"	5.00		122	70-130			
Methylene chloride (Dichloromethane)	5.5	0.50	"	5.00		109	70-130			
trans-1,2-Dichloroethene	5.6	0.50	"	5.00		112	70-130			
1,1-Dichloroethane	5.4	0.50	"	5.00		107	70-130			
cis-1,2-Dichloroethene	5.6	0.50	"	5.00		112	70-130			
Chloroform	5.5	0.10	"	5.00		111	70-130			
1,1,1-Trichloroethane	5.2	0.50	"	5.00		105	70-130			
Carbon tetrachloride	5.3	0.10	"	5.00		106	70-130			
1,2-Dichloroethane (EDC)	5.1	0.10	"	5.00		102	70-130			
Benzene	5.3	0.10	"	5.00		107	70-130			
Trichloroethene	5.7	0.10	"	5.00		115	70-130			
Toluene	5.0	1.0	"	5.00		99.2	70-130			
1,1,2-Trichloroethane	5.5	0.50	"	5.00		110	70-130			
Tetrachloroethene	5.5	0.10	"	5.00		111	70-130			
Ethylbenzene	5.1	0.50	"	5.00		102	70-130			
1,1,1,2-Tetrachloroethane	5.2	0.50	"	5.00		104	70-130			
m,p-Xylene	10	0.50	"	10.0		102	70-130			
o-Xylene	5.1	0.50	"	5.00		102	70-130			
1,1,2,2-Tetrachloroethane	4.9	0.50	"	5.00		98.5	70-130			
Surrogate: Dibromofluoromethane	*2.67*		*"*	*2.50*		*107*	*75-125*			
Surrogate: 1,2-Dichloroethane-d4	*2.53*		*"*	*2.50*		*101*	*75-125*			
Surrogate: Toluene-d8	*2.84*		*"*	*2.50*		*114*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*2.82*		*"*	*2.50*		*113*	*75-125*			

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Volatile Organic Compounds by H&P 8260SV - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EA61910 - EPA 5030										
Blank (EA61910-BLK1)				Prepared & Analyzed: 19-Jan-16						
1,1-Difluoroethane (LCC)	ND	0.40	ug/l							
Dichlorodifluoromethane (F12)	ND	0.40	"							
Vinyl chloride	ND	0.04	"							
Chloroethane	ND	0.40	"							
Trichlorofluoromethane (F11)	ND	0.40	"							
1,1-Dichloroethene	ND	0.40	"							
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"							
Methylene chloride (Dichloromethane)	ND	0.40	"							
trans-1,2-Dichloroethene	ND	0.40	"							
1,1-Dichloroethane	ND	0.40	"							
cis-1,2-Dichloroethene	ND	0.40	"							
Chloroform	ND	0.08	"							
1,1,1-Trichloroethane	ND	0.40	"							
Carbon tetrachloride	ND	0.08	"							
1,2-Dichloroethane (EDC)	ND	0.08	"							
Benzene	ND	0.08	"							
Trichloroethene	ND	0.08	"							
Toluene	ND	0.80	"							
1,1,2-Trichloroethane	ND	0.40	"							
Tetrachloroethene	ND	0.08	"							
Ethylbenzene	ND	0.40	"							
1,1,1,2-Tetrachloroethane	ND	0.40	"							
m,p-Xylene	ND	0.40	"							
o-Xylene	ND	0.40	"							
1,1,2,2-Tetrachloroethane	ND	0.40	"							
Surrogate: Dibromofluoromethane	*2.14*		*"*	*2.00*		*107*	*75-125*			
Surrogate: 1,2-Dichloroethane-d4	*2.07*		*"*	*2.00*		*104*	*75-125*			
Surrogate: Toluene-d8	*2.20*		*"*	*2.00*		*110*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*2.16*		*"*	*2.00*		*108*	*75-125*			

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Volatile Organic Compounds by H&P 8260SV - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EA61910 - EPA 5030										
LCS (EA61910-BS1)				Prepared & Analyzed: 19-Jan-16						
Dichlorodifluoromethane (F12)	3.6	0.50	ug/l	5.00		71.6	70-130			
Vinyl chloride	5.0	0.05	"	5.00		99.4	70-130			
Chloroethane	5.6	0.50	"	5.00		111	70-130			
Trichlorofluoromethane (F11)	4.7	0.50	"	5.00		95.0	70-130			
1,1-Dichloroethene	5.4	0.50	"	5.00		107	70-130			
1,1,2 Trichlorotrifluoroethane (F113)	5.7	0.50	"	5.00		115	70-130			
Methylene chloride (Dichloromethane)	5.4	0.50	"	5.00		108	70-130			
trans-1,2-Dichloroethene	5.3	0.50	"	5.00		107	70-130			
1,1-Dichloroethane	5.1	0.50	"	5.00		101	70-130			
cis-1,2-Dichloroethene	5.4	0.50	"	5.00		108	70-130			
Chloroform	5.2	0.10	"	5.00		105	70-130			
1,1,1-Trichloroethane	5.0	0.50	"	5.00		101	70-130			
Carbon tetrachloride	5.3	0.10	"	5.00		106	70-130			
1,2-Dichloroethane (EDC)	4.9	0.10	"	5.00		98.5	70-130			
Benzene	5.0	0.10	"	5.00		99.1	70-130			
Trichloroethene	5.4	0.10	"	5.00		108	70-130			
Toluene	4.6	1.0	"	5.00		92.7	70-130			
1,1,2-Trichloroethane	5.4	0.50	"	5.00		107	70-130			
Tetrachloroethene	5.1	0.10	"	5.00		102	70-130			
Ethylbenzene	4.8	0.50	"	5.00		95.2	70-130			
1,1,1,2-Tetrachloroethane	5.0	0.50	"	5.00		101	70-130			
m,p-Xylene	9.7	0.50	"	10.0		96.7	70-130			
o-Xylene	4.8	0.50	"	5.00		96.0	70-130			
1,1,2,2-Tetrachloroethane	5.0	0.50	"	5.00		99.4	70-130			
Surrogate: Dibromofluoromethane	*2.67*		*"*	*2.50*		*107*	*75-125*			
Surrogate: 1,2-Dichloroethane-d4	*2.56*		*"*	*2.50*		*102*	*75-125*			
Surrogate: Toluene-d8	*2.76*		*"*	*2.50*		*110*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*2.75*		*"*	*2.50*		*110*	*75-125*			

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Notes and Definitions

LCC	Leak Check Compound
ND	Analyte NOT DETECTED at or above the reporting limit
MDL	Method Detection Limit
%REC	Percent Recovery
RPD	Relative Percent Difference

Appendix

H&P Mobile Geochemistry, Inc. is approved as an Environmental Testing Laboratory and Mobile Laboratory in accordance with the DoD-ELAP and the ISO 17025 programs, certification number L11-175.

H&P is approved by the State of Arizona as an Environmental Testing Laboratory and Mobile Laboratory, certification numbers AZM758 and AZ0779.

H&P is approved by the State of California as an Environmental Laboratory and Mobile Laboratory in conformance with the Environmental Laboratory Accreditation Program (ELAP) for the category of Volatile and Semi-Volatile Organic Chemistry of Hazardous Waste, certification numbers 2740, 2741, 2743, 2744, 2745, 2754 & 2930.

H&P is approved by the State of Florida Department of Health under the National Environmental Laboratory Accreditation Conference (NELAC) certification number E871100.

The complete list of stationary and mobile laboratory certifications along with the fields of testing (FOTs) and analyte lists are available at www.handpmg.com/about/certifications.

Mobile Geochemistry, Inc.
2470 Impala Drive, Carlsbad, CA 92010
& Field Office - Signal Hill, CA
W handpmg.com E info@handpmg.com
P 760.804.9678 F 760.804.9159

VAPOR / AIR Chain of Custody

DATE: 1/19/16
Page 1 of 1

Lab Client and Project Information

Lab Client/Consultant: Burns & McDonnell	Project Name / #: 65805
Lab Client Project Manager: Erik Brenegan	Project Location: 3505 Pasadena Ave LA
Lab Client Address: 8201 Norman Center Dr Ste 200	Report E-Mail(s): ebrenegan@burnsmcd.com sryan@burnsmcd.com
Lab Client City, State, Zip: Bloomington, MN 55437	
Phone Number: 952-656-3679	

Sample Receipt (Lab Use Only)

Date Rec'd: 1/19/16	Control #: 160068.00
H&P Project #	BM011816-SB2
Lab Work Order #	EG01068 / EAG1910
Sample Intact: ☒ Yes ☐ No ☐ See Notes Below	
Receipt Gauge ID:	Temp:
Outside Lab:	
Receipt Notes/Tracking #:	
Lab PM Initials:	

Reporting Requirements	Turnaround Time	Sampler Information
☒ Standard Report ☐ Level III ☐ Level IV	☐ 5-7 day Stnd ☐ 24-Hr Rush	Sampler(s): D. D'G
☐ Excel EDD ☐ Other EDD:	☐ 3-day Rush ☒ Mobile Lab	Signature:
☒ CA Geotracker Global ID:	☐ 48-Hr Rush ☐ Other:	Date: 1/19/16

Additional Instructions to Laboratory:

☒ Check if Project Analyte List is Attached

*Preferred VOC units (please choose one):

☒ µg/L ☐ µg/m³ ☐ ppbv ☐ ppmv

	SAMPLE NAME	FIELD POINT NAME (if applicable)	DATE mm/dd/yy	TIME 24hr clock	SAMPLE TYPE Indoor Air (IA), Ambient Air (AA), Subslab (SS), Soil Vapor (SV)	CONTAINER SIZE & TYPE 400mL/1L/6L Summa or Tedlar or Tube	CONTAINER ID (###)	Lab use only: Receipt Vac	VOCs Standard Full List ☒ 8260SV ☐ TO-15	VOCs Short List / Project List ☐ 8260SV ☐ TO-15	Oxygenates ☐ 8260SV ☐ TO-15	Naphthalene ☐ 8260SV ☐ TO-15 ☐ TO-17m	TPHv as Gas ☐ 8260SVm ☐ TO-15m	TPHv as Diesel (sorbent tube) ☐ TO-17m	Aromatic/Aliphatic Fractions ☐ 8260SVm ☐ TO-15m	Leak Check Compound ☒ DFA ☐ IPA ☐ He	Methane by EPA 8015m	Fixed Gases by ASTM D1945 ☐ CO2 ☐ O2 ☐ N2			
1	VP4R-5		1/19/16	0805	SV	glass syringe	209		X							X					
2	VP4R-10			0815			114		X							X					
3	VP4R-10 REP			0816			149		X							X					
4	VP4R-20			0835			204		X							X					
5	VP4R-30			0900			87		X							X					

Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:
[illegible]	Burns & McDonnell	1/20/16	11:08				
					H&P	1/19/16	10:00

*Approval constitutes as authorization to proceed with analysis and acceptance of conditions on back

Rev 08/18/2014

H&P Mobile Geochemistry, Inc.
2470 Impala Drive, Carlsbad, CA 92010
& Field Office - Signal Hill, CA
W handpmg.com E info@handpmg.com
P 760.804.9678 F 760.804.9159

VAPOR / AIR Chain of Custody

DATE: 1/18/16
Page 2 of 2

Lab Client and Project Information

Lab Client/Consultant: Burns & Mcdonnell	Project Name / #: G5805
Lab Client Project Manager: Erik Brenegan	Project Location: 3505 Pasadena Ave LA
Lab Client Address: 8201 Norman Center Dr Ste 200	Report E-Mail(s): ebrenegan@burnsmcd.com sryno@burnsmcd.com
Lab Client City, State, Zip: Bloomington, MN 55437	
Phone Number: 952-656-3679	

Sample Receipt (Lab Use Only)

Date Rec'd: 1/18/16	Control #: 160068.00
H&P Project # BM011816-SB2	
Lab Work Order # EG01061 / EA G1810	
Sample Intact: ☒ Yes ☐ No ☐ See Notes Below	
Receipt Gauge ID:	Temp:
Outside Lab:	
Receipt Notes/Tracking #:	
Lab PM Initials:	

Reporting Requirements

☒ Standard Report ☐ Level III ☐ Level IV
☐ Excel EDD ☐ Other EDD:
☒ CA Geotracker Global ID:

Turnaround Time

☐ 5-7 day Stnd ☐ 24-Hr Rush
☐ 3-day Rush ☒ Mobile Lab
☐ 48-Hr Rush ☐ Other:

Sampler Information

Sampler(s): D. Do
Signature:
Date: 1/18/16

Additional Instructions to Laboratory:

☒ Check if Project Analyte List is Attached
** Preferred VOC units (please choose one):*
☒ µg/L ☐ µg/m³ ☐ ppbv ☐ ppmv

	SAMPLE NAME	FIELD POINT NAME (if applicable)	DATE mm/dd/yy	TIME 24hr clock	SAMPLE TYPE Indoor Air (IA), Ambient Air (AA), Subslab (SS), Soil Vapor (SV)	CONTAINER SIZE & TYPE 400mL/1L/6L Summa or Tedlar or Tube	CONTAINER ID (###)	Lab use only: Receipt Vac	VOCs Standard Full List ☒ 8260SV ☐ TO-15	VOCs Short List / Project List ☐ 8260SV ☐ TO-15	Oxygenates ☐ 8260SV ☐ TO-15	Naphthalene ☐ 8260SV ☐ TO-15 ☐ TO-17m	TPHv as Gas ☐ 8260SVm ☐ TO-15m	TPHv as Diesel (sorbent tube) ☐ TO-17m	Aromatic/Aliphatic Fractions ☐ 8260SVm ☐ TO-15m	Leak Check Compound ☒ DFA ☐ IPA ☐ He	Methane by EPA 8015m	Fixed Gases by ASTM D1945 ☐ CO2 ☐ O2 ☐ N2			
11	VPS-10		1/18/16	1020	SV	glass syringe	203		X							X					
12	VPS-20			1030			114		X							X					
13	VPS-30			1040			209		X							X					
14	VPI-5			1135			112		X							X					
15	VPI-10			1145			87		X							X					
16	VPI-20			1155			149		X							X					
17	VPI-30			1205			204		X							X					

Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:
Burns & McDonnell		1/26/16	11:07 AM		H&P	1/18/16	1230
Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:
Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:

**Approval constitutes as authorization to proceed with analysis and acceptance of conditions on back*

Rev 08/18/2014

H&P Mobile Geochemistry, Inc.
2470 Impala Drive, Carlsbad, CA 92010
& Field Office - Signal Hill, CA
W handpmg.com E info@handpmg.com
P 760.804.9678 F 760.804.9159

VAPOR / AIR Chain of Custody

DATE: 1/18/16
Page 1 of 2

Lab Client and Project Information

Lab Client/Consultant: Burns & Mcdonnell	Project Name / #: 65805
Lab Client Project Manager: Erik Brenegam	Project Location: 3505 Pasadena Ave LA.
Lab Client Address: 8201 Norma Cantor Dr Ste 200	Report E-Mail(s): ebrenegam@burnsmcd.com srynd@burnsmcd.com
Lab Client City, State, Zip: Bloomington, MN 55437	
Phone Number: 952-656-3679	

Sample Receipt (Lab Use Only)

Date Rec'd: 1/18/16	Control #: 160068.00
H&P Project # BM011816-SV2	
Lab Work Order # E601061 / EA61810	
Sample Intact: ☒ Yes ☐ No ☐ See Notes Below	
Receipt Gauge ID:	Temp:
Outside Lab:	
Receipt Notes/Tracking #:	
Lab PM Initials:	

Reporting Requirements

☒ Standard Report ☐ Level III ☐ Level IV
☐ Excel EDD ☐ Other EDD:_____
☒ CA Geotracker Global ID:_____

Turnaround Time

☐ 5-7 day Stnd ☐ 24-Hr Rush
☐ 3-day Rush ☒ Mobile Lab
☐ 48-Hr Rush ☐ Other:____

Sampler Information

Sampler(s): D. Do
Signature: [signature]
Date: 1/18/16

Additional Instructions to Laboratory:

☒ Check if Project Analyte List is Attached
** Preferred VOC units (please choose one):*
☒ µg/L ☐ µg/m³ ☐ ppbv ☐ ppmv

	SAMPLE NAME	FIELD POINT NAME (if applicable)	DATE mm/dd/yy	TIME 24hr clock	SAMPLE TYPE Indoor Air (IA), Ambient Air (AA), Subslab (SS), Soil Vapor (SV)	CONTAINER SIZE & TYPE 400mL/1L/6L Summa or Tedlar or Tube	CONTAINER ID (###)	Lab use only: Receipt Vac	VOCs Standard Full List ☒ 8260SV ☐ TO-15	VOCs Short List / Project List ☐ 8260SV ☐ TO-15	Oxygenates ☐ 8260SV ☐ TO-15	Naphthalene ☐ 8260SV ☐ TO-15 ☐ TO-17m	TPHv as Gas ☐ 8260SVm ☐ TO-15m	TPHv as Diesel (sorbent tube) ☐ TO-17m	Aromatic/Aliphatic Fractions ☐ 8260SVm ☐ TO-15m	Leak Check Compound ☒ DFA ☐ IPA ☐ He	Methane by EPA 8015m	Fixed Gases by ASTM D1945 ☐ CO2 ☐ O2 ☐ N2			
1	VP6-5		1/18/16	0810	SV	glass syringe	87		X							X					
2	VP6-10			0818			211		X							X					
3	VP6-20			0830			203		X							X					
4	VP6-30			0840			209		X							X					
5	VP6-30 REP			0841			114		X							X					
6	VP3-5			0932			149		X							X					
7	VP3-10			0940			112		X							X					
8	VP3-20			0950			209		X							X					
9	VP3-30			1000			87		X							X					
10	VP5-5			1010			211		X							X					

Approved/Relinquished by: [signature]	Company: Burns & McDonnell	Date: 1/26/16	Time: 11:07 AM	Received by: [signature]	Company: H&P	Date: 1/18/16	Time: 1230
Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:
Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:

*Approval constitutes as authorization to proceed with analysis and acceptance of conditions on back

H&P Mobile Geochemistry, Inc.
2470 Impala Drive, Carlsbad, CA 92010
Field Office in Signal Hill, CA (Los Angeles)
Ph: 800-834-9888 www.handpmg.com

H&P Method 8260SV (Modified EPA 8260B)
Soil Vapor VOC List per DTSC

Compound - Short List	*CAS #*	*Low RL* Vapor (µg/L)*
Dichlorodifluoromethane (Freon 12)	75-71-8	0.4
Vinyl chloride	75-01-4	0.04
Chloroethane	75-00-3	0.4
Trichlorofluoromethane (F11)	75-69-4	0.4
1,1-Dichloroethene	75-35-4	0.4
1,1,2-Trichlorotrifluoroethane (F113)	76-13-1	0.4
Methylene chloride (Dichloromethane)	75-09-2	0.4
trans-1,2-Dichloroethene	156-60-5	0.4
1,1-Dichloroethane	75-34-3	0.4
cis-1,2-Dichloroethene	156-59-2	0.4
Chloroform	67-66-3	0.08
1,1,1-Trichloroethane	71-55-6	0.4
Carbon tetrachloride	56-23-5	0.08
1,2-Dichloroethane (EDC)	107-06-2	0.08
Benzene	71-43-2	0.08
Trichloroethene	79-01-6	0.08
Toluene	108-88-3	0.8
1,1,2-Trichloroethane	79-00-5	0.4
Tetrachloroethene	127-18-4	0.08
1,1,1,2-Tetrachloroethane	630-20-6	0.4
Ethylbenzene	100-41-4	0.4
m,p-Xylene	179601-23-1	0.4
o-Xylene	95-47-6	0.4
1,1,2,2-Tetrachloroethane	79-34-5	0.4
Leak Check Compound		
1,1-Difluoroethane (LCC)	75-37-6	0.4

**NOTE: Low RLs can be achieved using a 25cc large volume injection - (Commercial CHHSLs)*

H&P Mobile Geochemistry Inc.

Log Sheet: Soil Vapor Sampling with Syringe

FMS004
Revision: 2
Revised: 12/4/14
Effective: 1/1/15
Page 1 of 1

H&P Project #: BM011816-SB2 | Date: 1/18/16
Site Address: 3505 Pasadena Ave LA | Page: 1 of 2
Consultant: Burns and McDonnell | H&P Rep(s): D. Do
Consultant Rep(s): N/A | Reviewed: DB | Scanned: DB

Purge Volume Calculation

PVT Probe ID, if applicable:			
Tubing:	Length:	Diameter:	1 Volume:
Sand Pack:	Height:	Diameter:	1 Volume:
Dry Bentonite:	Height:	Diameter:	1 Volume:
PVT Increments:	___PV=	___PV=	___PV =
PV Amount Selected:	Same	Selected by:	per jobsheet

Sample Volume

☒ 50cc Glass Syringe ☐ 100cc Glass Syringe ☐ Other_____

Leak Check Compound

☒ 1,1-DFA ☐ 1,1,1,2-TFA ☐ IPA ☐ Other_____

A cloth saturated with LCC is placed around tubing connections and at the probe seal. This is done prior to every soil vapor sample collected unless otherwise noted in the field notes below.

	Sample Information				Probe Specs							Collection Information				
	Point ID	Syringe ID	Date	Sample Time	Probe Depth (ft)	Tubing Length (ft)	Tubing Dia (in.)	Sand Pack Ht (in.)	Sand Pack Dia (in.)	Dry Bent. Ht (in.)	Dry Bent. Dia (in.)	Purge Vol (mL)	Shut-in Test (✓=Pass)	Flow Rate (mL/min)	Probe Vacuum ("Hg)	Field Notes
1	VPG-5	87	1/18	0810	5	7	1/4	12	8	0	8	125	✓	<200	0	
2	VPG-10	211		0818	10	12	1/4	12	8	0	8	250	✓	<200	0	
3	VPG-20	203		0830	20	22	1/4	12	8	0	8	700	✓	200	0	3:30
4	VPG-30	209		0840	30	32	1/4	12	8	0	8	1050	✓	200	0	5:15
5	VPG-30REP	114		0841	30	32	1/4	12	8	0	8	1100	✓	200	0	
6	VP3-5	149		0932	5	7	1/4	12	8	0	8	125	✓	<200	02	
7	VP3-10	117		0940	10	12	1/4	12	8	0	8	250	✓	<200	2	
8	VP3-20	204		0950	20	22	1/4	12	8	0	8	700	✓	200	0	3:30
9	VP3-30	87		1000	30	32	1/4	12	8	0	8	~~700~~ 1050	✓	200	0	5:15
10	VP5-5	211		1010	5	7	1/4	12	8	0	8	125	✓	<200	0	⊗
11	VP5-10	203		1020	10	12	1/4	12	8	0	8	250	✓	<200	0	⊗
12	VP5-20	114	↓	1030	20	22	1/4	12	8	0	8	700	✓	200	0	⊗ 3:30

Site Notes (e.g. weather, visitors, scope deviations, health & safety issues, etc.):
Used same purge volumes as previous events per jobsheet
⊗ probe cracked. cut, used luer fitting to extend probe - 8 luer-fittings used total.

H&P Mobile Geochemistry Inc.

FMS004
Revision: 2
Revised: 12/4/14
Effective: 1/1/15
Page 1 of 1

Log Sheet: Soil Vapor Sampling with Syringe

H&P Project #: BMD11816-SB2 | Date: 1/18/16
Site Address: 3505 Pasadena Ave LA | Page: 2 of 2
Consultant: Burns & McDonnell | H&P Rep(s): D. Do
Consultant Rep(s): N/A

Reviewed: DB
Scanned: DB

Purge Volume Calculation			
PVT Probe ID, if applicable:			
Tubing:	Length:	Diameter:	1 Volume:
Sand Pack:	Height:	Diameter:	1 Volume:
Dry Bentonite:	Height:	Diameter:	1 Volume:
PVT Increments:	___PV =	___PV=	___PV =
PV Amount Selected:	Same	Selected by:	jobsheet

Sample Volume
☒ 50cc Glass Syringe ☐ 100cc Glass Syringe ☐ Other_____

Leak Check Compound
☒ 1,1-DFA ☐ 1,1,1,2-TFA ☐ IPA ☐ Other_____

A cloth saturated with LCC is placed around tubing connections and at the probe seal. This is done prior to every soil vapor sample collected unless otherwise noted in the field notes below.

	Sample Information				Probe Specs							Collection Information				
	Point ID	Syringe ID	Date	Sample Time	Probe Depth (ft)	Tubing Length (ft)	Tubing Dia (in.)	Sand Pack Ht (in.)	Sand Pack Dia (in.)	Dry Bent. Ht (in.)	Dry Bent. Dia (in.)	Purge Vol (mL)	Shut-in Test (✓=Pass)	Flow Rate (mL/min)	Probe Vacuum ("Hg)	Field Notes
1	VP5-30	209	1/18	1040	30	32	1/4	12	8	0	8	1050	✓	200	0	⊛ 5:15
2	VP1-5	112	↓	1135	5	7	1/4	12	8	0	8	125	✓	<200	0	
3	VP1-10	87		1145	10	12	1/4	12	8	0	8	250	✓	<200	0	
4	VP1-20	149		1155	20	22	1/4	12	8	0	8	700	✓	200	0	3:30
5	VP1-30	204	↓	1205	30	32	1/4	12	8	0	8	1050	✓	200	0	5:15
6																
7																
8																
9																
10																
11																
12																

Site Notes (e.g. weather, visitors, scope deviations, health & safety issues, etc.):
Used same purge volumes as previous events per jobsheet.

H&P Mobile Geochemistry Inc.

FMS004
Revision: 2
Revised: 12/4/14
Effective: 1/1/15
Page 1 of 1

Log Sheet: Soil Vapor Sampling with Syringe

H&P Project #: BM011816-SB2 | Date: 1/19/16
Site Address: 3505 Pasadena Ave LA | Page: 1 of 1
Consultant: Burns & McDonnell | H&P Rep(s): D. Do
Consultant Rep(s): N/A

Reviewed: DB
Scanned: DB

Purge Volume Calculation			
PVT Probe ID, if applicable:			
Tubing:	Length:	Diameter:	1 Volume:
Sand Pack:	Height:	Diameter:	1 Volume:
Dry Bentonite:	Height:	Diameter:	1 Volume:
PVT Increments:	___PV=	___PV=	___PV =
PV Amount Selected:	Same	Selected by:	Jobsheet

Sample Volume
☒ 50cc Glass Syringe ☐ 100cc Glass Syringe ☐ Other_____

Leak Check Compound
☒ 1,1-DFA ☐ 1,1,1,2-TFA ☐ IPA ☐ Other_____

A cloth saturated with LCC is placed around tubing connections and at the probe seal. This is done prior to every soil vapor sample collected unless otherwise noted in the field notes below.

	Sample Information				Probe Specs							Collection Information					
	Point ID	Syringe ID	Date	Sample Time	Probe Depth (ft)	Tubing Length (ft)	Tubing Dia (in.)	Sand Pack Ht (in.)	Sand Pack Dia (in.)	Dry Bent. Ht (in.)	Dry Bent. Dia (in.)	Purge Vol (mL)	Shut-in Test (✓=Pass)	Flow Rate (mL/min)	Probe Vacuum ("Hg)	Field Notes
1	VP4R-5	209	1/19	0805	5	7	1/4	12	8	0	8	125	✓	<200	0	
2	VP4R-10	114	↓	0815	10	12	1/4	12	8	0	8	250	✓	<200	0	
3	VP4R-10 REP	149	↓	0816	10	12	1/4	12	8	0	8	300	✓	<200	0	
4	VP4R-20	204	↓	0835	20	22	1/4	12	8	0	8	700	✓	200	0	3:30
5	VP4R-30	87	↓	0900	30	32	1/4	12	8	0	8	1050	✓	200	0	5:15
6																
7																
8																
9																
10																
11																
12																

Site Notes (e.g. weather, visitors, scope deviations, health & safety issues, etc.):
Used same purge volumes as previous events per jobsheet

eurofins | Calscience

WORK ORDER NUMBER: 16-03-1400

The difference is service

AIR | SOIL | WATER | MARINE CHEMISTRY

Analytical Report For

Client: Burns & McDonnell

Client Project Name: AmeriPride - LA / 89698

Attention: Erik Brenegan
8201 Norman Center Drive
Suite 300
Bloomington, MN 55437-0001

Vikas Patel

Approved for release on 03/24/2016 by:
Vikas Patel
Project Manager

ResultLink

Email your PM

Eurofins Calscience, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

eurofins | Calscience

Contents

Client Project Name: AmeriPride - LA / 89698
Work Order Number: 16-03-1400

1 Work Order Narrative. 3

2 Sample Summary. 4

3 Detections Summary. 5

4 Client Sample Data. 7
4.1 EPA 8260B Volatile Organics (Aqueous). 7

5 Quality Control Sample Data. 49
5.1 MS/MSD. 49
5.2 LCS/LCSD. 50

6 Sample Analysis Summary. 52

7 Glossary of Terms and Qualifiers. 53

8 Chain-of-Custody/Sample Receipt Form. 54

eurofins | Calscience

Work Order Narrative

Work Order: 16-03-1400 Page 1 of 1

Condition Upon Receipt:

Samples were received under Chain-of-Custody (COC) on 03/17/16. They were assigned to Work Order 16-03-1400.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

Holding Times:

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

Quality Control:

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

Subcontractor Information:

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

Additional Comments:

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

Return to Contents

eurofins | Calscience

Sample Summary

Client:	Burns & McDonnell	Work Order:	16-03-1400
	8201 Norman Center Drive, Suite 300	Project Name:	AmeriPride - LA / 89698
	Bloomington, MN 55437-0001	PO Number:	
		Date/Time Received:	03/17/16 20:05
		Number of Containers:	92
Attn:	Erik Brenegan		

Sample Identification	Lab Number	Collection Date and Time	Number of Containers	Matrix
MW-16C	16-03-1400-1	03/15/16 13:30	5	Aqueous
MW-16B	16-03-1400-2	03/15/16 14:20	5	Aqueous
K-1	16-03-1400-3	03/15/16 15:08	5	Aqueous
MW-10B	16-03-1400-4	03/15/16 16:42	5	Aqueous
MW-10A	16-03-1400-5	03/15/16 17:00	5	Aqueous
MW-9A	16-03-1400-6	03/15/16 17:54	5	Aqueous
MW-7	16-03-1400-7	03/15/16 19:18	5	Aqueous
MW-13A	16-03-1400-8	03/16/16 05:00	5	Aqueous
MW-13B	16-03-1400-9	03/16/16 05:30	5	Aqueous
MW-14	16-03-1400-10	03/16/16 06:35	5	Aqueous
MW-15	16-03-1400-11	03/16/16 07:40	5	Aqueous
MW-3	16-03-1400-12	03/16/16 09:26	5	Aqueous
MW-12	16-03-1400-13	03/16/16 10:20	5	Aqueous
MW-11	16-03-1400-14	03/16/16 11:46	5	Aqueous
MW-16A	16-03-1400-15	03/16/16 12:32	5	Aqueous
Dup-2	16-03-1400-16	03/16/16 00:00	5	Aqueous
Dup-1	16-03-1400-17	03/15/16 00:00	5	Aqueous
FB-1	16-03-1400-18	03/15/16 00:00	5	Aqueous
TB	16-03-1400-19	03/15/16 00:00	2	Aqueous

Return to Contents

eurofins | Calscience

Detections Summary

Client:	Burns & McDonnell	Work Order:	16-03-1400
	8201 Norman Center Drive, Suite 300	Project Name:	AmeriPride - LA / 89698
	Bloomington, MN 55437-0001	Received:	03/17/16
Attn:	Erik Brenegan		

Client SampleID / Analyte	Result	Qualifiers	RL	Units	Method	Extraction
MW-16B (16-03-1400-2)						
Tetrachloroethene	2.5		1.0	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	1.5		1.0	ug/L	EPA 8260B	EPA 5030C
K-1 (16-03-1400-3)						
Tetrachloroethene	1.1		1.0	ug/L	EPA 8260B	EPA 5030C
MW-10B (16-03-1400-4)						
c-1,2-Dichloroethene	8.6		1.0	ug/L	EPA 8260B	EPA 5030C
MW-10A (16-03-1400-5)						
c-1,2-Dichloroethene	13		1.0	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	3.5		1.0	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	2.9		1.0	ug/L	EPA 8260B	EPA 5030C
MW-9A (16-03-1400-6)						
c-1,2-Dichloroethene	11		1.0	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	1.6		1.0	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	1.2		1.0	ug/L	EPA 8260B	EPA 5030C
MW-7 (16-03-1400-7)						
c-1,2-Dichloroethene	2.2		1.0	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	2.4		1.0	ug/L	EPA 8260B	EPA 5030C
MW-13A (16-03-1400-8)						
Tetrachloroethene	2.5		1.0	ug/L	EPA 8260B	EPA 5030C
MW-13B (16-03-1400-9)						
Tetrachloroethene	1.4		1.0	ug/L	EPA 8260B	EPA 5030C
MW-14 (16-03-1400-10)						
c-1,2-Dichloroethene	1.4		1.0	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	6.5		1.0	ug/L	EPA 8260B	EPA 5030C
MW-15 (16-03-1400-11)						
c-1,2-Dichloroethene	3.4		1.0	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	8.7		1.0	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	2.7		1.0	ug/L	EPA 8260B	EPA 5030C
MW-3 (16-03-1400-12)						
Tetrachloroethene	7.4		1.0	ug/L	EPA 8260B	EPA 5030C
MW-12 (16-03-1400-13)						
c-1,2-Dichloroethene	2.0		1.0	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	7.8		1.0	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	4.2		1.0	ug/L	EPA 8260B	EPA 5030C
MW-11 (16-03-1400-14)						
Tetrachloroethene	9.3		1.0	ug/L	EPA 8260B	EPA 5030C

Return to Contents

* MDL is shown

eurofins | Calscience

Detections Summary

Client:	Burns & McDonnell	Work Order:	16-03-1400
	8201 Norman Center Drive, Suite 300	Project Name:	AmeriPride - LA / 89698
	Bloomington, MN 55437-0001	Received:	03/17/16
Attn:	Erik Brenegan		

Client SampleID / Analyte	Result	Qualifiers	RL	Units	Method	Extraction
MW-16A (16-03-1400-15)						
c-1,2-Dichloroethene	9.5		1.0	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	12		1.0	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	4.3		1.0	ug/L	EPA 8260B	EPA 5030C
Dup-2 (16-03-1400-16)						
Tetrachloroethene	1.4		1.0	ug/L	EPA 8260B	EPA 5030C
Dup-1 (16-03-1400-17)						
c-1,2-Dichloroethene	8.6		1.0	ug/L	EPA 8260B	EPA 5030C

Subcontracted analyses, if any, are not included in this summary.

Return to Contents

* MDL is shown

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-16C	**16-03-1400-1-A**	**03/15/16 13:30**	**Aqueous**	**GC/MS RR**	**03/17/16**	**03/17/16 23:17**	**160317L047**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	20	1.00	
Benzene	ND	0.50	1.00	
Bromobenzene	ND	1.0	1.00	
Bromochloromethane	ND	1.0	1.00	
Bromodichloromethane	ND	1.0	1.00	
Bromoform	ND	1.0	1.00	
Bromomethane	ND	10	1.00	
2-Butanone	ND	10	1.00	
n-Butylbenzene	ND	1.0	1.00	
sec-Butylbenzene	ND	1.0	1.00	
tert-Butylbenzene	ND	1.0	1.00	
Carbon Disulfide	ND	10	1.00	
Carbon Tetrachloride	ND	0.50	1.00	
Chlorobenzene	ND	1.0	1.00	
Chloroethane	ND	5.0	1.00	
Chloroform	ND	1.0	1.00	
Chloromethane	ND	10	1.00	
2-Chlorotoluene	ND	1.0	1.00	
4-Chlorotoluene	ND	1.0	1.00	
Dibromochloromethane	ND	1.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.00	
1,2-Dibromoethane	ND	1.0	1.00	
Dibromomethane	ND	1.0	1.00	
1,2-Dichlorobenzene	ND	1.0	1.00	
1,3-Dichlorobenzene	ND	1.0	1.00	
1,4-Dichlorobenzene	ND	1.0	1.00	
Dichlorodifluoromethane	ND	1.0	1.00	
1,1-Dichloroethane	ND	1.0	1.00	
1,2-Dichloroethane	ND	0.50	1.00	
1,1-Dichloroethene	ND	1.0	1.00	
c-1,2-Dichloroethene	ND	1.0	1.00	
t-1,2-Dichloroethene	ND	1.0	1.00	
1,2-Dichloropropane	ND	1.0	1.00	
1,3-Dichloropropane	ND	1.0	1.00	
2,2-Dichloropropane	ND	1.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	1.0	1.00	
c-1,3-Dichloropropene	ND	0.50	1.00	
t-1,3-Dichloropropene	ND	0.50	1.00	
Ethylbenzene	ND	1.0	1.00	
2-Hexanone	ND	10	1.00	
Isopropylbenzene	ND	1.0	1.00	
p-Isopropyltoluene	ND	1.0	1.00	
Methylene Chloride	ND	10	1.00	
4-Methyl-2-Pentanone	ND	10	1.00	
Naphthalene	ND	10	1.00	
n-Propylbenzene	ND	1.0	1.00	
Styrene	ND	1.0	1.00	
1,1,1,2-Tetrachloroethane	ND	1.0	1.00	
1,1,2,2-Tetrachloroethane	ND	1.0	1.00	
Tetrachloroethene	ND	1.0	1.00	
Toluene	ND	1.0	1.00	
1,2,3-Trichlorobenzene	ND	1.0	1.00	
1,2,4-Trichlorobenzene	ND	1.0	1.00	
1,1,1-Trichloroethane	ND	1.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.00	
1,1,2-Trichloroethane	ND	1.0	1.00	
Trichloroethene	ND	1.0	1.00	
Trichlorofluoromethane	ND	10	1.00	
1,2,3-Trichloropropane	ND	5.0	1.00	
1,2,4-Trimethylbenzene	ND	1.0	1.00	
1,3,5-Trimethylbenzene	ND	1.0	1.00	
Vinyl Acetate	ND	10	1.00	
Vinyl Chloride	ND	0.50	1.00	
p/m-Xylene	ND	1.0	1.00	
o-Xylene	ND	1.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	98	80-120	
Dibromofluoromethane	111	78-126	
1,2-Dichloroethane-d4	99	75-135	
Toluene-d8	101	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-16B	**16-03-1400-2-A**	**03/15/16 14:20**	**Aqueous**	**GC/MS RR**	**03/17/16**	**03/17/16 23:52**	**160317L047**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	20	1.00	
Benzene	ND	0.50	1.00	
Bromobenzene	ND	1.0	1.00	
Bromochloromethane	ND	1.0	1.00	
Bromodichloromethane	ND	1.0	1.00	
Bromoform	ND	1.0	1.00	
Bromomethane	ND	10	1.00	
2-Butanone	ND	10	1.00	
n-Butylbenzene	ND	1.0	1.00	
sec-Butylbenzene	ND	1.0	1.00	
tert-Butylbenzene	ND	1.0	1.00	
Carbon Disulfide	ND	10	1.00	
Carbon Tetrachloride	ND	0.50	1.00	
Chlorobenzene	ND	1.0	1.00	
Chloroethane	ND	5.0	1.00	
Chloroform	ND	1.0	1.00	
Chloromethane	ND	10	1.00	
2-Chlorotoluene	ND	1.0	1.00	
4-Chlorotoluene	ND	1.0	1.00	
Dibromochloromethane	ND	1.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.00	
1,2-Dibromoethane	ND	1.0	1.00	
Dibromomethane	ND	1.0	1.00	
1,2-Dichlorobenzene	ND	1.0	1.00	
1,3-Dichlorobenzene	ND	1.0	1.00	
1,4-Dichlorobenzene	ND	1.0	1.00	
Dichlorodifluoromethane	ND	1.0	1.00	
1,1-Dichloroethane	ND	1.0	1.00	
1,2-Dichloroethane	ND	0.50	1.00	
1,1-Dichloroethene	ND	1.0	1.00	
c-1,2-Dichloroethene	ND	1.0	1.00	
t-1,2-Dichloroethene	ND	1.0	1.00	
1,2-Dichloropropane	ND	1.0	1.00	
1,3-Dichloropropane	ND	1.0	1.00	
2,2-Dichloropropane	ND	1.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	1.0	1.00	
c-1,3-Dichloropropene	ND	0.50	1.00	
t-1,3-Dichloropropene	ND	0.50	1.00	
Ethylbenzene	ND	1.0	1.00	
2-Hexanone	ND	10	1.00	
Isopropylbenzene	ND	1.0	1.00	
p-Isopropyltoluene	ND	1.0	1.00	
Methylene Chloride	ND	10	1.00	
4-Methyl-2-Pentanone	ND	10	1.00	
Naphthalene	ND	10	1.00	
n-Propylbenzene	ND	1.0	1.00	
Styrene	ND	1.0	1.00	
1,1,1,2-Tetrachloroethane	ND	1.0	1.00	
1,1,2,2-Tetrachloroethane	ND	1.0	1.00	
Tetrachloroethene	2.5	1.0	1.00	
Toluene	ND	1.0	1.00	
1,2,3-Trichlorobenzene	ND	1.0	1.00	
1,2,4-Trichlorobenzene	ND	1.0	1.00	
1,1,1-Trichloroethane	ND	1.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.00	
1,1,2-Trichloroethane	ND	1.0	1.00	
Trichloroethene	1.5	1.0	1.00	
Trichlorofluoromethane	ND	10	1.00	
1,2,3-Trichloropropane	ND	5.0	1.00	
1,2,4-Trimethylbenzene	ND	1.0	1.00	
1,3,5-Trimethylbenzene	ND	1.0	1.00	
Vinyl Acetate	ND	10	1.00	
Vinyl Chloride	ND	0.50	1.00	
p/m-Xylene	ND	1.0	1.00	
o-Xylene	ND	1.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	96	80-120	
Dibromofluoromethane	104	78-126	
1,2-Dichloroethane-d4	100	75-135	
Toluene-d8	99	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
K-1	**16-03-1400-3-A**	**03/15/16 15:08**	**Aqueous**	**GC/MS RR**	**03/17/16**	**03/18/16 00:28**	**160317L047**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	20	1.00	
Benzene	ND	0.50	1.00	
Bromobenzene	ND	1.0	1.00	
Bromochloromethane	ND	1.0	1.00	
Bromodichloromethane	ND	1.0	1.00	
Bromoform	ND	1.0	1.00	
Bromomethane	ND	10	1.00	
2-Butanone	ND	10	1.00	
n-Butylbenzene	ND	1.0	1.00	
sec-Butylbenzene	ND	1.0	1.00	
tert-Butylbenzene	ND	1.0	1.00	
Carbon Disulfide	ND	10	1.00	
Carbon Tetrachloride	ND	0.50	1.00	
Chlorobenzene	ND	1.0	1.00	
Chloroethane	ND	5.0	1.00	
Chloroform	ND	1.0	1.00	
Chloromethane	ND	10	1.00	
2-Chlorotoluene	ND	1.0	1.00	
4-Chlorotoluene	ND	1.0	1.00	
Dibromochloromethane	ND	1.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.00	
1,2-Dibromoethane	ND	1.0	1.00	
Dibromomethane	ND	1.0	1.00	
1,2-Dichlorobenzene	ND	1.0	1.00	
1,3-Dichlorobenzene	ND	1.0	1.00	
1,4-Dichlorobenzene	ND	1.0	1.00	
Dichlorodifluoromethane	ND	1.0	1.00	
1,1-Dichloroethane	ND	1.0	1.00	
1,2-Dichloroethane	ND	0.50	1.00	
1,1-Dichloroethene	ND	1.0	1.00	
c-1,2-Dichloroethene	ND	1.0	1.00	
t-1,2-Dichloroethene	ND	1.0	1.00	
1,2-Dichloropropane	ND	1.0	1.00	
1,3-Dichloropropane	ND	1.0	1.00	
2,2-Dichloropropane	ND	1.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	1.0	1.00	
c-1,3-Dichloropropene	ND	0.50	1.00	
t-1,3-Dichloropropene	ND	0.50	1.00	
Ethylbenzene	ND	1.0	1.00	
2-Hexanone	ND	10	1.00	
Isopropylbenzene	ND	1.0	1.00	
p-Isopropyltoluene	ND	1.0	1.00	
Methylene Chloride	ND	10	1.00	
4-Methyl-2-Pentanone	ND	10	1.00	
Naphthalene	ND	10	1.00	
n-Propylbenzene	ND	1.0	1.00	
Styrene	ND	1.0	1.00	
1,1,1,2-Tetrachloroethane	ND	1.0	1.00	
1,1,2,2-Tetrachloroethane	ND	1.0	1.00	
Tetrachloroethene	1.1	1.0	1.00	
Toluene	ND	1.0	1.00	
1,2,3-Trichlorobenzene	ND	1.0	1.00	
1,2,4-Trichlorobenzene	ND	1.0	1.00	
1,1,1-Trichloroethane	ND	1.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.00	
1,1,2-Trichloroethane	ND	1.0	1.00	
Trichloroethene	ND	1.0	1.00	
Trichlorofluoromethane	ND	10	1.00	
1,2,3-Trichloropropane	ND	5.0	1.00	
1,2,4-Trimethylbenzene	ND	1.0	1.00	
1,3,5-Trimethylbenzene	ND	1.0	1.00	
Vinyl Acetate	ND	10	1.00	
Vinyl Chloride	ND	0.50	1.00	
p/m-Xylene	ND	1.0	1.00	
o-Xylene	ND	1.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	98	80-120	
Dibromofluoromethane	104	78-126	
1,2-Dichloroethane-d4	101	75-135	
Toluene-d8	96	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-10B	**16-03-1400-4-A**	**03/15/16 16:42**	**Aqueous**	**GC/MS RR**	**03/17/16**	**03/18/16 01:03**	**160317L047**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	20	1.00	
Benzene	ND	0.50	1.00	
Bromobenzene	ND	1.0	1.00	
Bromochloromethane	ND	1.0	1.00	
Bromodichloromethane	ND	1.0	1.00	
Bromoform	ND	1.0	1.00	
Bromomethane	ND	10	1.00	
2-Butanone	ND	10	1.00	
n-Butylbenzene	ND	1.0	1.00	
sec-Butylbenzene	ND	1.0	1.00	
tert-Butylbenzene	ND	1.0	1.00	
Carbon Disulfide	ND	10	1.00	
Carbon Tetrachloride	ND	0.50	1.00	
Chlorobenzene	ND	1.0	1.00	
Chloroethane	ND	5.0	1.00	
Chloroform	ND	1.0	1.00	
Chloromethane	ND	10	1.00	
2-Chlorotoluene	ND	1.0	1.00	
4-Chlorotoluene	ND	1.0	1.00	
Dibromochloromethane	ND	1.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.00	
1,2-Dibromoethane	ND	1.0	1.00	
Dibromomethane	ND	1.0	1.00	
1,2-Dichlorobenzene	ND	1.0	1.00	
1,3-Dichlorobenzene	ND	1.0	1.00	
1,4-Dichlorobenzene	ND	1.0	1.00	
Dichlorodifluoromethane	ND	1.0	1.00	
1,1-Dichloroethane	ND	1.0	1.00	
1,2-Dichloroethane	ND	0.50	1.00	
1,1-Dichloroethene	ND	1.0	1.00	
c-1,2-Dichloroethene	8.6	1.0	1.00	
t-1,2-Dichloroethene	ND	1.0	1.00	
1,2-Dichloropropane	ND	1.0	1.00	
1,3-Dichloropropane	ND	1.0	1.00	
2,2-Dichloropropane	ND	1.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	1.0	1.00	
c-1,3-Dichloropropene	ND	0.50	1.00	
t-1,3-Dichloropropene	ND	0.50	1.00	
Ethylbenzene	ND	1.0	1.00	
2-Hexanone	ND	10	1.00	
Isopropylbenzene	ND	1.0	1.00	
p-Isopropyltoluene	ND	1.0	1.00	
Methylene Chloride	ND	10	1.00	
4-Methyl-2-Pentanone	ND	10	1.00	
Naphthalene	ND	10	1.00	
n-Propylbenzene	ND	1.0	1.00	
Styrene	ND	1.0	1.00	
1,1,1,2-Tetrachloroethane	ND	1.0	1.00	
1,1,2,2-Tetrachloroethane	ND	1.0	1.00	
Tetrachloroethene	ND	1.0	1.00	
Toluene	ND	1.0	1.00	
1,2,3-Trichlorobenzene	ND	1.0	1.00	
1,2,4-Trichlorobenzene	ND	1.0	1.00	
1,1,1-Trichloroethane	ND	1.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.00	
1,1,2-Trichloroethane	ND	1.0	1.00	
Trichloroethene	ND	1.0	1.00	
Trichlorofluoromethane	ND	10	1.00	
1,2,3-Trichloropropane	ND	5.0	1.00	
1,2,4-Trimethylbenzene	ND	1.0	1.00	
1,3,5-Trimethylbenzene	ND	1.0	1.00	
Vinyl Acetate	ND	10	1.00	
Vinyl Chloride	ND	0.50	1.00	
p/m-Xylene	ND	1.0	1.00	
o-Xylene	ND	1.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	99	80-120	
Dibromofluoromethane	119	78-126	
1,2-Dichloroethane-d4	98	75-135	
Toluene-d8	98	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-10A	**16-03-1400-5-A**	**03/15/16 17:00**	**Aqueous**	**GC/MS RR**	**03/17/16**	**03/18/16 01:38**	**160317L047**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	20	1.00	
Benzene	ND	0.50	1.00	
Bromobenzene	ND	1.0	1.00	
Bromochloromethane	ND	1.0	1.00	
Bromodichloromethane	ND	1.0	1.00	
Bromoform	ND	1.0	1.00	
Bromomethane	ND	10	1.00	
2-Butanone	ND	10	1.00	
n-Butylbenzene	ND	1.0	1.00	
sec-Butylbenzene	ND	1.0	1.00	
tert-Butylbenzene	ND	1.0	1.00	
Carbon Disulfide	ND	10	1.00	
Carbon Tetrachloride	ND	0.50	1.00	
Chlorobenzene	ND	1.0	1.00	
Chloroethane	ND	5.0	1.00	
Chloroform	ND	1.0	1.00	
Chloromethane	ND	10	1.00	
2-Chlorotoluene	ND	1.0	1.00	
4-Chlorotoluene	ND	1.0	1.00	
Dibromochloromethane	ND	1.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.00	
1,2-Dibromoethane	ND	1.0	1.00	
Dibromomethane	ND	1.0	1.00	
1,2-Dichlorobenzene	ND	1.0	1.00	
1,3-Dichlorobenzene	ND	1.0	1.00	
1,4-Dichlorobenzene	ND	1.0	1.00	
Dichlorodifluoromethane	ND	1.0	1.00	
1,1-Dichloroethane	ND	1.0	1.00	
1,2-Dichloroethane	ND	0.50	1.00	
1,1-Dichloroethene	ND	1.0	1.00	
c-1,2-Dichloroethene	13	1.0	1.00	
t-1,2-Dichloroethene	ND	1.0	1.00	
1,2-Dichloropropane	ND	1.0	1.00	
1,3-Dichloropropane	ND	1.0	1.00	
2,2-Dichloropropane	ND	1.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	1.0	1.00	
c-1,3-Dichloropropene	ND	0.50	1.00	
t-1,3-Dichloropropene	ND	0.50	1.00	
Ethylbenzene	ND	1.0	1.00	
2-Hexanone	ND	10	1.00	
Isopropylbenzene	ND	1.0	1.00	
p-Isopropyltoluene	ND	1.0	1.00	
Methylene Chloride	ND	10	1.00	
4-Methyl-2-Pentanone	ND	10	1.00	
Naphthalene	ND	10	1.00	
n-Propylbenzene	ND	1.0	1.00	
Styrene	ND	1.0	1.00	
1,1,1,2-Tetrachloroethane	ND	1.0	1.00	
1,1,2,2-Tetrachloroethane	ND	1.0	1.00	
Tetrachloroethene	3.5	1.0	1.00	
Toluene	ND	1.0	1.00	
1,2,3-Trichlorobenzene	ND	1.0	1.00	
1,2,4-Trichlorobenzene	ND	1.0	1.00	
1,1,1-Trichloroethane	ND	1.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.00	
1,1,2-Trichloroethane	ND	1.0	1.00	
Trichloroethene	2.9	1.0	1.00	
Trichlorofluoromethane	ND	10	1.00	
1,2,3-Trichloropropane	ND	5.0	1.00	
1,2,4-Trimethylbenzene	ND	1.0	1.00	
1,3,5-Trimethylbenzene	ND	1.0	1.00	
Vinyl Acetate	ND	10	1.00	
Vinyl Chloride	ND	0.50	1.00	
p/m-Xylene	ND	1.0	1.00	
o-Xylene	ND	1.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	100	80-120	
Dibromofluoromethane	121	78-126	
1,2-Dichloroethane-d4	101	75-135	
Toluene-d8	98	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-9A	**16-03-1400-6-A**	**03/15/16 17:54**	**Aqueous**	**GC/MS RR**	**03/17/16**	**03/18/16 02:14**	**160317L047**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	20	1.00	
Benzene	ND	0.50	1.00	
Bromobenzene	ND	1.0	1.00	
Bromochloromethane	ND	1.0	1.00	
Bromodichloromethane	ND	1.0	1.00	
Bromoform	ND	1.0	1.00	
Bromomethane	ND	10	1.00	
2-Butanone	ND	10	1.00	
n-Butylbenzene	ND	1.0	1.00	
sec-Butylbenzene	ND	1.0	1.00	
tert-Butylbenzene	ND	1.0	1.00	
Carbon Disulfide	ND	10	1.00	
Carbon Tetrachloride	ND	0.50	1.00	
Chlorobenzene	ND	1.0	1.00	
Chloroethane	ND	5.0	1.00	
Chloroform	ND	1.0	1.00	
Chloromethane	ND	10	1.00	
2-Chlorotoluene	ND	1.0	1.00	
4-Chlorotoluene	ND	1.0	1.00	
Dibromochloromethane	ND	1.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.00	
1,2-Dibromoethane	ND	1.0	1.00	
Dibromomethane	ND	1.0	1.00	
1,2-Dichlorobenzene	ND	1.0	1.00	
1,3-Dichlorobenzene	ND	1.0	1.00	
1,4-Dichlorobenzene	ND	1.0	1.00	
Dichlorodifluoromethane	ND	1.0	1.00	
1,1-Dichloroethane	ND	1.0	1.00	
1,2-Dichloroethane	ND	0.50	1.00	
1,1-Dichloroethene	ND	1.0	1.00	
c-1,2-Dichloroethene	11	1.0	1.00	
t-1,2-Dichloroethene	ND	1.0	1.00	
1,2-Dichloropropane	ND	1.0	1.00	
1,3-Dichloropropane	ND	1.0	1.00	
2,2-Dichloropropane	ND	1.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	1.0	1.00	
c-1,3-Dichloropropene	ND	0.50	1.00	
t-1,3-Dichloropropene	ND	0.50	1.00	
Ethylbenzene	ND	1.0	1.00	
2-Hexanone	ND	10	1.00	
Isopropylbenzene	ND	1.0	1.00	
p-Isopropyltoluene	ND	1.0	1.00	
Methylene Chloride	ND	10	1.00	
4-Methyl-2-Pentanone	ND	10	1.00	
Naphthalene	ND	10	1.00	
n-Propylbenzene	ND	1.0	1.00	
Styrene	ND	1.0	1.00	
1,1,1,2-Tetrachloroethane	ND	1.0	1.00	
1,1,2,2-Tetrachloroethane	ND	1.0	1.00	
Tetrachloroethene	1.6	1.0	1.00	
Toluene	ND	1.0	1.00	
1,2,3-Trichlorobenzene	ND	1.0	1.00	
1,2,4-Trichlorobenzene	ND	1.0	1.00	
1,1,1-Trichloroethane	ND	1.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.00	
1,1,2-Trichloroethane	ND	1.0	1.00	
Trichloroethene	1.2	1.0	1.00	
Trichlorofluoromethane	ND	10	1.00	
1,2,3-Trichloropropane	ND	5.0	1.00	
1,2,4-Trimethylbenzene	ND	1.0	1.00	
1,3,5-Trimethylbenzene	ND	1.0	1.00	
Vinyl Acetate	ND	10	1.00	
Vinyl Chloride	ND	0.50	1.00	
p/m-Xylene	ND	1.0	1.00	
o-Xylene	ND	1.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	98	80-120	
Dibromofluoromethane	124	78-126	
1,2-Dichloroethane-d4	99	75-135	
Toluene-d8	99	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-7	**16-03-1400-7-A**	**03/15/16 19:18**	**Aqueous**	**GC/MS RR**	**03/17/16**	**03/18/16 02:49**	**160317L047**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	20	1.00	
Benzene	ND	0.50	1.00	
Bromobenzene	ND	1.0	1.00	
Bromochloromethane	ND	1.0	1.00	
Bromodichloromethane	ND	1.0	1.00	
Bromoform	ND	1.0	1.00	
Bromomethane	ND	10	1.00	
2-Butanone	ND	10	1.00	
n-Butylbenzene	ND	1.0	1.00	
sec-Butylbenzene	ND	1.0	1.00	
tert-Butylbenzene	ND	1.0	1.00	
Carbon Disulfide	ND	10	1.00	
Carbon Tetrachloride	ND	0.50	1.00	
Chlorobenzene	ND	1.0	1.00	
Chloroethane	ND	5.0	1.00	
Chloroform	ND	1.0	1.00	
Chloromethane	ND	10	1.00	
2-Chlorotoluene	ND	1.0	1.00	
4-Chlorotoluene	ND	1.0	1.00	
Dibromochloromethane	ND	1.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.00	
1,2-Dibromoethane	ND	1.0	1.00	
Dibromomethane	ND	1.0	1.00	
1,2-Dichlorobenzene	ND	1.0	1.00	
1,3-Dichlorobenzene	ND	1.0	1.00	
1,4-Dichlorobenzene	ND	1.0	1.00	
Dichlorodifluoromethane	ND	1.0	1.00	
1,1-Dichloroethane	ND	1.0	1.00	
1,2-Dichloroethane	ND	0.50	1.00	
1,1-Dichloroethene	ND	1.0	1.00	
c-1,2-Dichloroethene	2.2	1.0	1.00	
t-1,2-Dichloroethene	ND	1.0	1.00	
1,2-Dichloropropane	ND	1.0	1.00	
1,3-Dichloropropane	ND	1.0	1.00	
2,2-Dichloropropane	ND	1.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	1.0	1.00	
c-1,3-Dichloropropene	ND	0.50	1.00	
t-1,3-Dichloropropene	ND	0.50	1.00	
Ethylbenzene	ND	1.0	1.00	
2-Hexanone	ND	10	1.00	
Isopropylbenzene	ND	1.0	1.00	
p-Isopropyltoluene	ND	1.0	1.00	
Methylene Chloride	ND	10	1.00	
4-Methyl-2-Pentanone	ND	10	1.00	
Naphthalene	ND	10	1.00	
n-Propylbenzene	ND	1.0	1.00	
Styrene	ND	1.0	1.00	
1,1,1,2-Tetrachloroethane	ND	1.0	1.00	
1,1,2,2-Tetrachloroethane	ND	1.0	1.00	
Tetrachloroethene	2.4	1.0	1.00	
Toluene	ND	1.0	1.00	
1,2,3-Trichlorobenzene	ND	1.0	1.00	
1,2,4-Trichlorobenzene	ND	1.0	1.00	
1,1,1-Trichloroethane	ND	1.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.00	
1,1,2-Trichloroethane	ND	1.0	1.00	
Trichloroethene	ND	1.0	1.00	
Trichlorofluoromethane	ND	10	1.00	
1,2,3-Trichloropropane	ND	5.0	1.00	
1,2,4-Trimethylbenzene	ND	1.0	1.00	
1,3,5-Trimethylbenzene	ND	1.0	1.00	
Vinyl Acetate	ND	10	1.00	
Vinyl Chloride	ND	0.50	1.00	
p/m-Xylene	ND	1.0	1.00	
o-Xylene	ND	1.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	98	80-120	
Dibromofluoromethane	115	78-126	
1,2-Dichloroethane-d4	98	75-135	
Toluene-d8	98	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-13A	**16-03-1400-8-A**	**03/16/16 05:00**	**Aqueous**	**GC/MS RR**	**03/17/16**	**03/18/16 03:24**	**160317L047**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	20	1.00	
Benzene	ND	0.50	1.00	
Bromobenzene	ND	1.0	1.00	
Bromochloromethane	ND	1.0	1.00	
Bromodichloromethane	ND	1.0	1.00	
Bromoform	ND	1.0	1.00	
Bromomethane	ND	10	1.00	
2-Butanone	ND	10	1.00	
n-Butylbenzene	ND	1.0	1.00	
sec-Butylbenzene	ND	1.0	1.00	
tert-Butylbenzene	ND	1.0	1.00	
Carbon Disulfide	ND	10	1.00	
Carbon Tetrachloride	ND	0.50	1.00	
Chlorobenzene	ND	1.0	1.00	
Chloroethane	ND	5.0	1.00	
Chloroform	ND	1.0	1.00	
Chloromethane	ND	10	1.00	
2-Chlorotoluene	ND	1.0	1.00	
4-Chlorotoluene	ND	1.0	1.00	
Dibromochloromethane	ND	1.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.00	
1,2-Dibromoethane	ND	1.0	1.00	
Dibromomethane	ND	1.0	1.00	
1,2-Dichlorobenzene	ND	1.0	1.00	
1,3-Dichlorobenzene	ND	1.0	1.00	
1,4-Dichlorobenzene	ND	1.0	1.00	
Dichlorodifluoromethane	ND	1.0	1.00	
1,1-Dichloroethane	ND	1.0	1.00	
1,2-Dichloroethane	ND	0.50	1.00	
1,1-Dichloroethene	ND	1.0	1.00	
c-1,2-Dichloroethene	ND	1.0	1.00	
t-1,2-Dichloroethene	ND	1.0	1.00	
1,2-Dichloropropane	ND	1.0	1.00	
1,3-Dichloropropane	ND	1.0	1.00	
2,2-Dichloropropane	ND	1.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	1.0	1.00	
c-1,3-Dichloropropene	ND	0.50	1.00	
t-1,3-Dichloropropene	ND	0.50	1.00	
Ethylbenzene	ND	1.0	1.00	
2-Hexanone	ND	10	1.00	
Isopropylbenzene	ND	1.0	1.00	
p-Isopropyltoluene	ND	1.0	1.00	
Methylene Chloride	ND	10	1.00	
4-Methyl-2-Pentanone	ND	10	1.00	
Naphthalene	ND	10	1.00	
n-Propylbenzene	ND	1.0	1.00	
Styrene	ND	1.0	1.00	
1,1,1,2-Tetrachloroethane	ND	1.0	1.00	
1,1,2,2-Tetrachloroethane	ND	1.0	1.00	
Tetrachloroethene	2.5	1.0	1.00	
Toluene	ND	1.0	1.00	
1,2,3-Trichlorobenzene	ND	1.0	1.00	
1,2,4-Trichlorobenzene	ND	1.0	1.00	
1,1,1-Trichloroethane	ND	1.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.00	
1,1,2-Trichloroethane	ND	1.0	1.00	
Trichloroethene	ND	1.0	1.00	
Trichlorofluoromethane	ND	10	1.00	
1,2,3-Trichloropropane	ND	5.0	1.00	
1,2,4-Trimethylbenzene	ND	1.0	1.00	
1,3,5-Trimethylbenzene	ND	1.0	1.00	
Vinyl Acetate	ND	10	1.00	
Vinyl Chloride	ND	0.50	1.00	
p/m-Xylene	ND	1.0	1.00	
o-Xylene	ND	1.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	97	80-120	
Dibromofluoromethane	110	78-126	
1,2-Dichloroethane-d4	98	75-135	
Toluene-d8	99	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-13B	**16-03-1400-9-A**	**03/16/16 05:30**	**Aqueous**	**GC/MS RR**	**03/18/16**	**03/18/16 20:53**	**160318L029**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	20	1.00	
Benzene	ND	0.50	1.00	
Bromobenzene	ND	1.0	1.00	
Bromochloromethane	ND	1.0	1.00	
Bromodichloromethane	ND	1.0	1.00	
Bromoform	ND	1.0	1.00	
Bromomethane	ND	10	1.00	
2-Butanone	ND	10	1.00	
n-Butylbenzene	ND	1.0	1.00	
sec-Butylbenzene	ND	1.0	1.00	
tert-Butylbenzene	ND	1.0	1.00	
Carbon Disulfide	ND	10	1.00	
Carbon Tetrachloride	ND	0.50	1.00	
Chlorobenzene	ND	1.0	1.00	
Chloroethane	ND	5.0	1.00	
Chloroform	ND	1.0	1.00	
Chloromethane	ND	10	1.00	
2-Chlorotoluene	ND	1.0	1.00	
4-Chlorotoluene	ND	1.0	1.00	
Dibromochloromethane	ND	1.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.00	
1,2-Dibromoethane	ND	1.0	1.00	
Dibromomethane	ND	1.0	1.00	
1,2-Dichlorobenzene	ND	1.0	1.00	
1,3-Dichlorobenzene	ND	1.0	1.00	
1,4-Dichlorobenzene	ND	1.0	1.00	
Dichlorodifluoromethane	ND	1.0	1.00	
1,1-Dichloroethane	ND	1.0	1.00	
1,2-Dichloroethane	ND	0.50	1.00	
1,1-Dichloroethene	ND	1.0	1.00	
c-1,2-Dichloroethene	ND	1.0	1.00	
t-1,2-Dichloroethene	ND	1.0	1.00	
1,2-Dichloropropane	ND	1.0	1.00	
1,3-Dichloropropane	ND	1.0	1.00	
2,2-Dichloropropane	ND	1.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	1.0	1.00	
c-1,3-Dichloropropene	ND	0.50	1.00	
t-1,3-Dichloropropene	ND	0.50	1.00	
Ethylbenzene	ND	1.0	1.00	
2-Hexanone	ND	10	1.00	
Isopropylbenzene	ND	1.0	1.00	
p-Isopropyltoluene	ND	1.0	1.00	
Methylene Chloride	ND	10	1.00	
4-Methyl-2-Pentanone	ND	10	1.00	
Naphthalene	ND	10	1.00	
n-Propylbenzene	ND	1.0	1.00	
Styrene	ND	1.0	1.00	
1,1,1,2-Tetrachloroethane	ND	1.0	1.00	
1,1,2,2-Tetrachloroethane	ND	1.0	1.00	
Tetrachloroethene	1.4	1.0	1.00	
Toluene	ND	1.0	1.00	
1,2,3-Trichlorobenzene	ND	1.0	1.00	
1,2,4-Trichlorobenzene	ND	1.0	1.00	
1,1,1-Trichloroethane	ND	1.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.00	
1,1,2-Trichloroethane	ND	1.0	1.00	
Trichloroethene	ND	1.0	1.00	
Trichlorofluoromethane	ND	10	1.00	
1,2,3-Trichloropropane	ND	5.0	1.00	
1,2,4-Trimethylbenzene	ND	1.0	1.00	
1,3,5-Trimethylbenzene	ND	1.0	1.00	
Vinyl Acetate	ND	10	1.00	
Vinyl Chloride	ND	0.50	1.00	
p/m-Xylene	ND	1.0	1.00	
o-Xylene	ND	1.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	95	80-120	
Dibromofluoromethane	103	78-126	
1,2-Dichloroethane-d4	98	75-135	
Toluene-d8	99	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-14	**16-03-1400-10-A**	**03/16/16 06:35**	**Aqueous**	**GC/MS RR**	**03/18/16**	**03/18/16 23:15**	**160318L029**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	20	1.00	
Benzene	ND	0.50	1.00	
Bromobenzene	ND	1.0	1.00	
Bromochloromethane	ND	1.0	1.00	
Bromodichloromethane	ND	1.0	1.00	
Bromoform	ND	1.0	1.00	
Bromomethane	ND	10	1.00	
2-Butanone	ND	10	1.00	
n-Butylbenzene	ND	1.0	1.00	
sec-Butylbenzene	ND	1.0	1.00	
tert-Butylbenzene	ND	1.0	1.00	
Carbon Disulfide	ND	10	1.00	
Carbon Tetrachloride	ND	0.50	1.00	
Chlorobenzene	ND	1.0	1.00	
Chloroethane	ND	5.0	1.00	
Chloroform	ND	1.0	1.00	
Chloromethane	ND	10	1.00	
2-Chlorotoluene	ND	1.0	1.00	
4-Chlorotoluene	ND	1.0	1.00	
Dibromochloromethane	ND	1.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.00	
1,2-Dibromoethane	ND	1.0	1.00	
Dibromomethane	ND	1.0	1.00	
1,2-Dichlorobenzene	ND	1.0	1.00	
1,3-Dichlorobenzene	ND	1.0	1.00	
1,4-Dichlorobenzene	ND	1.0	1.00	
Dichlorodifluoromethane	ND	1.0	1.00	
1,1-Dichloroethane	ND	1.0	1.00	
1,2-Dichloroethane	ND	0.50	1.00	
1,1-Dichloroethene	ND	1.0	1.00	
c-1,2-Dichloroethene	1.4	1.0	1.00	
t-1,2-Dichloroethene	ND	1.0	1.00	
1,2-Dichloropropane	ND	1.0	1.00	
1,3-Dichloropropane	ND	1.0	1.00	
2,2-Dichloropropane	ND	1.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	1.0	1.00	
c-1,3-Dichloropropene	ND	0.50	1.00	
t-1,3-Dichloropropene	ND	0.50	1.00	
Ethylbenzene	ND	1.0	1.00	
2-Hexanone	ND	10	1.00	
Isopropylbenzene	ND	1.0	1.00	
p-Isopropyltoluene	ND	1.0	1.00	
Methylene Chloride	ND	10	1.00	
4-Methyl-2-Pentanone	ND	10	1.00	
Naphthalene	ND	10	1.00	
n-Propylbenzene	ND	1.0	1.00	
Styrene	ND	1.0	1.00	
1,1,1,2-Tetrachloroethane	ND	1.0	1.00	
1,1,2,2-Tetrachloroethane	ND	1.0	1.00	
Tetrachloroethene	6.5	1.0	1.00	
Toluene	ND	1.0	1.00	
1,2,3-Trichlorobenzene	ND	1.0	1.00	
1,2,4-Trichlorobenzene	ND	1.0	1.00	
1,1,1-Trichloroethane	ND	1.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.00	
1,1,2-Trichloroethane	ND	1.0	1.00	
Trichloroethene	ND	1.0	1.00	
Trichlorofluoromethane	ND	10	1.00	
1,2,3-Trichloropropane	ND	5.0	1.00	
1,2,4-Trimethylbenzene	ND	1.0	1.00	
1,3,5-Trimethylbenzene	ND	1.0	1.00	
Vinyl Acetate	ND	10	1.00	
Vinyl Chloride	ND	0.50	1.00	
p/m-Xylene	ND	1.0	1.00	
o-Xylene	ND	1.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	96	80-120	
Dibromofluoromethane	109	78-126	
1,2-Dichloroethane-d4	96	75-135	
Toluene-d8	98	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-15	**16-03-1400-11-A**	**03/16/16 07:40**	**Aqueous**	**GC/MS RR**	**03/18/16**	**03/18/16 23:50**	**160318L029**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	20	1.00	
Benzene	ND	0.50	1.00	
Bromobenzene	ND	1.0	1.00	
Bromochloromethane	ND	1.0	1.00	
Bromodichloromethane	ND	1.0	1.00	
Bromoform	ND	1.0	1.00	
Bromomethane	ND	10	1.00	
2-Butanone	ND	10	1.00	
n-Butylbenzene	ND	1.0	1.00	
sec-Butylbenzene	ND	1.0	1.00	
tert-Butylbenzene	ND	1.0	1.00	
Carbon Disulfide	ND	10	1.00	
Carbon Tetrachloride	ND	0.50	1.00	
Chlorobenzene	ND	1.0	1.00	
Chloroethane	ND	5.0	1.00	
Chloroform	ND	1.0	1.00	
Chloromethane	ND	10	1.00	
2-Chlorotoluene	ND	1.0	1.00	
4-Chlorotoluene	ND	1.0	1.00	
Dibromochloromethane	ND	1.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.00	
1,2-Dibromoethane	ND	1.0	1.00	
Dibromomethane	ND	1.0	1.00	
1,2-Dichlorobenzene	ND	1.0	1.00	
1,3-Dichlorobenzene	ND	1.0	1.00	
1,4-Dichlorobenzene	ND	1.0	1.00	
Dichlorodifluoromethane	ND	1.0	1.00	
1,1-Dichloroethane	ND	1.0	1.00	
1,2-Dichloroethane	ND	0.50	1.00	
1,1-Dichloroethene	ND	1.0	1.00	
c-1,2-Dichloroethene	3.4	1.0	1.00	
t-1,2-Dichloroethene	ND	1.0	1.00	
1,2-Dichloropropane	ND	1.0	1.00	
1,3-Dichloropropane	ND	1.0	1.00	
2,2-Dichloropropane	ND	1.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	1.0	1.00	
c-1,3-Dichloropropene	ND	0.50	1.00	
t-1,3-Dichloropropene	ND	0.50	1.00	
Ethylbenzene	ND	1.0	1.00	
2-Hexanone	ND	10	1.00	
Isopropylbenzene	ND	1.0	1.00	
p-Isopropyltoluene	ND	1.0	1.00	
Methylene Chloride	ND	10	1.00	
4-Methyl-2-Pentanone	ND	10	1.00	
Naphthalene	ND	10	1.00	
n-Propylbenzene	ND	1.0	1.00	
Styrene	ND	1.0	1.00	
1,1,1,2-Tetrachloroethane	ND	1.0	1.00	
1,1,2,2-Tetrachloroethane	ND	1.0	1.00	
Tetrachloroethene	8.7	1.0	1.00	
Toluene	ND	1.0	1.00	
1,2,3-Trichlorobenzene	ND	1.0	1.00	
1,2,4-Trichlorobenzene	ND	1.0	1.00	
1,1,1-Trichloroethane	ND	1.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.00	
1,1,2-Trichloroethane	ND	1.0	1.00	
Trichloroethene	2.7	1.0	1.00	
Trichlorofluoromethane	ND	10	1.00	
1,2,3-Trichloropropane	ND	5.0	1.00	
1,2,4-Trimethylbenzene	ND	1.0	1.00	
1,3,5-Trimethylbenzene	ND	1.0	1.00	
Vinyl Acetate	ND	10	1.00	
Vinyl Chloride	ND	0.50	1.00	
p/m-Xylene	ND	1.0	1.00	
o-Xylene	ND	1.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	97	80-120	
Dibromofluoromethane	111	78-126	
1,2-Dichloroethane-d4	99	75-135	
Toluene-d8	98	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-3	**16-03-1400-12-A**	**03/16/16 09:26**	**Aqueous**	**GC/MS RR**	**03/18/16**	**03/19/16 00:26**	**160318L029**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	20	1.00	
Benzene	ND	0.50	1.00	
Bromobenzene	ND	1.0	1.00	
Bromochloromethane	ND	1.0	1.00	
Bromodichloromethane	ND	1.0	1.00	
Bromoform	ND	1.0	1.00	
Bromomethane	ND	10	1.00	
2-Butanone	ND	10	1.00	
n-Butylbenzene	ND	1.0	1.00	
sec-Butylbenzene	ND	1.0	1.00	
tert-Butylbenzene	ND	1.0	1.00	
Carbon Disulfide	ND	10	1.00	
Carbon Tetrachloride	ND	0.50	1.00	
Chlorobenzene	ND	1.0	1.00	
Chloroethane	ND	5.0	1.00	
Chloroform	ND	1.0	1.00	
Chloromethane	ND	10	1.00	
2-Chlorotoluene	ND	1.0	1.00	
4-Chlorotoluene	ND	1.0	1.00	
Dibromochloromethane	ND	1.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.00	
1,2-Dibromoethane	ND	1.0	1.00	
Dibromomethane	ND	1.0	1.00	
1,2-Dichlorobenzene	ND	1.0	1.00	
1,3-Dichlorobenzene	ND	1.0	1.00	
1,4-Dichlorobenzene	ND	1.0	1.00	
Dichlorodifluoromethane	ND	1.0	1.00	
1,1-Dichloroethane	ND	1.0	1.00	
1,2-Dichloroethane	ND	0.50	1.00	
1,1-Dichloroethene	ND	1.0	1.00	
c-1,2-Dichloroethene	ND	1.0	1.00	
t-1,2-Dichloroethene	ND	1.0	1.00	
1,2-Dichloropropane	ND	1.0	1.00	
1,3-Dichloropropane	ND	1.0	1.00	
2,2-Dichloropropane	ND	1.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	1.0	1.00	
c-1,3-Dichloropropene	ND	0.50	1.00	
t-1,3-Dichloropropene	ND	0.50	1.00	
Ethylbenzene	ND	1.0	1.00	
2-Hexanone	ND	10	1.00	
Isopropylbenzene	ND	1.0	1.00	
p-Isopropyltoluene	ND	1.0	1.00	
Methylene Chloride	ND	10	1.00	
4-Methyl-2-Pentanone	ND	10	1.00	
Naphthalene	ND	10	1.00	
n-Propylbenzene	ND	1.0	1.00	
Styrene	ND	1.0	1.00	
1,1,1,2-Tetrachloroethane	ND	1.0	1.00	
1,1,2,2-Tetrachloroethane	ND	1.0	1.00	
Tetrachloroethene	7.4	1.0	1.00	
Toluene	ND	1.0	1.00	
1,2,3-Trichlorobenzene	ND	1.0	1.00	
1,2,4-Trichlorobenzene	ND	1.0	1.00	
1,1,1-Trichloroethane	ND	1.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.00	
1,1,2-Trichloroethane	ND	1.0	1.00	
Trichloroethene	ND	1.0	1.00	
Trichlorofluoromethane	ND	10	1.00	
1,2,3-Trichloropropane	ND	5.0	1.00	
1,2,4-Trimethylbenzene	ND	1.0	1.00	
1,3,5-Trimethylbenzene	ND	1.0	1.00	
Vinyl Acetate	ND	10	1.00	
Vinyl Chloride	ND	0.50	1.00	
p/m-Xylene	ND	1.0	1.00	
o-Xylene	ND	1.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	96	80-120	
Dibromofluoromethane	110	78-126	
1,2-Dichloroethane-d4	98	75-135	
Toluene-d8	99	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-12	**16-03-1400-13-A**	**03/16/16 10:20**	**Aqueous**	**GC/MS RR**	**03/18/16**	**03/19/16 01:01**	**160318L029**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	20	1.00	
Benzene	ND	0.50	1.00	
Bromobenzene	ND	1.0	1.00	
Bromochloromethane	ND	1.0	1.00	
Bromodichloromethane	ND	1.0	1.00	
Bromoform	ND	1.0	1.00	
Bromomethane	ND	10	1.00	
2-Butanone	ND	10	1.00	
n-Butylbenzene	ND	1.0	1.00	
sec-Butylbenzene	ND	1.0	1.00	
tert-Butylbenzene	ND	1.0	1.00	
Carbon Disulfide	ND	10	1.00	
Carbon Tetrachloride	ND	0.50	1.00	
Chlorobenzene	ND	1.0	1.00	
Chloroethane	ND	5.0	1.00	
Chloroform	ND	1.0	1.00	
Chloromethane	ND	10	1.00	
2-Chlorotoluene	ND	1.0	1.00	
4-Chlorotoluene	ND	1.0	1.00	
Dibromochloromethane	ND	1.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.00	
1,2-Dibromoethane	ND	1.0	1.00	
Dibromomethane	ND	1.0	1.00	
1,2-Dichlorobenzene	ND	1.0	1.00	
1,3-Dichlorobenzene	ND	1.0	1.00	
1,4-Dichlorobenzene	ND	1.0	1.00	
Dichlorodifluoromethane	ND	1.0	1.00	
1,1-Dichloroethane	ND	1.0	1.00	
1,2-Dichloroethane	ND	0.50	1.00	
1,1-Dichloroethene	ND	1.0	1.00	
c-1,2-Dichloroethene	2.0	1.0	1.00	
t-1,2-Dichloroethene	ND	1.0	1.00	
1,2-Dichloropropane	ND	1.0	1.00	
1,3-Dichloropropane	ND	1.0	1.00	
2,2-Dichloropropane	ND	1.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	1.0	1.00	
c-1,3-Dichloropropene	ND	0.50	1.00	
t-1,3-Dichloropropene	ND	0.50	1.00	
Ethylbenzene	ND	1.0	1.00	
2-Hexanone	ND	10	1.00	
Isopropylbenzene	ND	1.0	1.00	
p-Isopropyltoluene	ND	1.0	1.00	
Methylene Chloride	ND	10	1.00	
4-Methyl-2-Pentanone	ND	10	1.00	
Naphthalene	ND	10	1.00	
n-Propylbenzene	ND	1.0	1.00	
Styrene	ND	1.0	1.00	
1,1,1,2-Tetrachloroethane	ND	1.0	1.00	
1,1,2,2-Tetrachloroethane	ND	1.0	1.00	
Tetrachloroethene	7.8	1.0	1.00	
Toluene	ND	1.0	1.00	
1,2,3-Trichlorobenzene	ND	1.0	1.00	
1,2,4-Trichlorobenzene	ND	1.0	1.00	
1,1,1-Trichloroethane	ND	1.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.00	
1,1,2-Trichloroethane	ND	1.0	1.00	
Trichloroethene	4.2	1.0	1.00	
Trichlorofluoromethane	ND	10	1.00	
1,2,3-Trichloropropane	ND	5.0	1.00	
1,2,4-Trimethylbenzene	ND	1.0	1.00	
1,3,5-Trimethylbenzene	ND	1.0	1.00	
Vinyl Acetate	ND	10	1.00	
Vinyl Chloride	ND	0.50	1.00	
p/m-Xylene	ND	1.0	1.00	
o-Xylene	ND	1.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	96	80-120	
Dibromofluoromethane	109	78-126	
1,2-Dichloroethane-d4	99	75-135	
Toluene-d8	100	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-11	**16-03-1400-14-A**	**03/16/16 11:46**	**Aqueous**	**GC/MS RR**	**03/18/16**	**03/19/16 01:36**	**160318L029**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	20	1.00	
Benzene	ND	0.50	1.00	
Bromobenzene	ND	1.0	1.00	
Bromochloromethane	ND	1.0	1.00	
Bromodichloromethane	ND	1.0	1.00	
Bromoform	ND	1.0	1.00	
Bromomethane	ND	10	1.00	
2-Butanone	ND	10	1.00	
n-Butylbenzene	ND	1.0	1.00	
sec-Butylbenzene	ND	1.0	1.00	
tert-Butylbenzene	ND	1.0	1.00	
Carbon Disulfide	ND	10	1.00	
Carbon Tetrachloride	ND	0.50	1.00	
Chlorobenzene	ND	1.0	1.00	
Chloroethane	ND	5.0	1.00	
Chloroform	ND	1.0	1.00	
Chloromethane	ND	10	1.00	
2-Chlorotoluene	ND	1.0	1.00	
4-Chlorotoluene	ND	1.0	1.00	
Dibromochloromethane	ND	1.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.00	
1,2-Dibromoethane	ND	1.0	1.00	
Dibromomethane	ND	1.0	1.00	
1,2-Dichlorobenzene	ND	1.0	1.00	
1,3-Dichlorobenzene	ND	1.0	1.00	
1,4-Dichlorobenzene	ND	1.0	1.00	
Dichlorodifluoromethane	ND	1.0	1.00	
1,1-Dichloroethane	ND	1.0	1.00	
1,2-Dichloroethane	ND	0.50	1.00	
1,1-Dichloroethene	ND	1.0	1.00	
c-1,2-Dichloroethene	ND	1.0	1.00	
t-1,2-Dichloroethene	ND	1.0	1.00	
1,2-Dichloropropane	ND	1.0	1.00	
1,3-Dichloropropane	ND	1.0	1.00	
2,2-Dichloropropane	ND	1.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	1.0	1.00	
c-1,3-Dichloropropene	ND	0.50	1.00	
t-1,3-Dichloropropene	ND	0.50	1.00	
Ethylbenzene	ND	1.0	1.00	
2-Hexanone	ND	10	1.00	
Isopropylbenzene	ND	1.0	1.00	
p-Isopropyltoluene	ND	1.0	1.00	
Methylene Chloride	ND	10	1.00	
4-Methyl-2-Pentanone	ND	10	1.00	
Naphthalene	ND	10	1.00	
n-Propylbenzene	ND	1.0	1.00	
Styrene	ND	1.0	1.00	
1,1,1,2-Tetrachloroethane	ND	1.0	1.00	
1,1,2,2-Tetrachloroethane	ND	1.0	1.00	
Tetrachloroethene	9.3	1.0	1.00	
Toluene	ND	1.0	1.00	
1,2,3-Trichlorobenzene	ND	1.0	1.00	
1,2,4-Trichlorobenzene	ND	1.0	1.00	
1,1,1-Trichloroethane	ND	1.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.00	
1,1,2-Trichloroethane	ND	1.0	1.00	
Trichloroethene	ND	1.0	1.00	
Trichlorofluoromethane	ND	10	1.00	
1,2,3-Trichloropropane	ND	5.0	1.00	
1,2,4-Trimethylbenzene	ND	1.0	1.00	
1,3,5-Trimethylbenzene	ND	1.0	1.00	
Vinyl Acetate	ND	10	1.00	
Vinyl Chloride	ND	0.50	1.00	
p/m-Xylene	ND	1.0	1.00	
o-Xylene	ND	1.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	97	80-120	
Dibromofluoromethane	114	78-126	
1,2-Dichloroethane-d4	98	75-135	
Toluene-d8	99	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-16A	**16-03-1400-15-A**	**03/16/16 12:32**	**Aqueous**	**GC/MS RR**	**03/18/16**	**03/19/16 02:12**	**160318L029**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	20	1.00	
Benzene	ND	0.50	1.00	
Bromobenzene	ND	1.0	1.00	
Bromochloromethane	ND	1.0	1.00	
Bromodichloromethane	ND	1.0	1.00	
Bromoform	ND	1.0	1.00	
Bromomethane	ND	10	1.00	
2-Butanone	ND	10	1.00	
n-Butylbenzene	ND	1.0	1.00	
sec-Butylbenzene	ND	1.0	1.00	
tert-Butylbenzene	ND	1.0	1.00	
Carbon Disulfide	ND	10	1.00	
Carbon Tetrachloride	ND	0.50	1.00	
Chlorobenzene	ND	1.0	1.00	
Chloroethane	ND	5.0	1.00	
Chloroform	ND	1.0	1.00	
Chloromethane	ND	10	1.00	
2-Chlorotoluene	ND	1.0	1.00	
4-Chlorotoluene	ND	1.0	1.00	
Dibromochloromethane	ND	1.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.00	
1,2-Dibromoethane	ND	1.0	1.00	
Dibromomethane	ND	1.0	1.00	
1,2-Dichlorobenzene	ND	1.0	1.00	
1,3-Dichlorobenzene	ND	1.0	1.00	
1,4-Dichlorobenzene	ND	1.0	1.00	
Dichlorodifluoromethane	ND	1.0	1.00	
1,1-Dichloroethane	ND	1.0	1.00	
1,2-Dichloroethane	ND	0.50	1.00	
1,1-Dichloroethene	ND	1.0	1.00	
c-1,2-Dichloroethene	9.5	1.0	1.00	
t-1,2-Dichloroethene	ND	1.0	1.00	
1,2-Dichloropropane	ND	1.0	1.00	
1,3-Dichloropropane	ND	1.0	1.00	
2,2-Dichloropropane	ND	1.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	1.0	1.00	
c-1,3-Dichloropropene	ND	0.50	1.00	
t-1,3-Dichloropropene	ND	0.50	1.00	
Ethylbenzene	ND	1.0	1.00	
2-Hexanone	ND	10	1.00	
Isopropylbenzene	ND	1.0	1.00	
p-Isopropyltoluene	ND	1.0	1.00	
Methylene Chloride	ND	10	1.00	
4-Methyl-2-Pentanone	ND	10	1.00	
Naphthalene	ND	10	1.00	
n-Propylbenzene	ND	1.0	1.00	
Styrene	ND	1.0	1.00	
1,1,1,2-Tetrachloroethane	ND	1.0	1.00	
1,1,2,2-Tetrachloroethane	ND	1.0	1.00	
Tetrachloroethene	12	1.0	1.00	
Toluene	ND	1.0	1.00	
1,2,3-Trichlorobenzene	ND	1.0	1.00	
1,2,4-Trichlorobenzene	ND	1.0	1.00	
1,1,1-Trichloroethane	ND	1.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.00	
1,1,2-Trichloroethane	ND	1.0	1.00	
Trichloroethene	4.3	1.0	1.00	
Trichlorofluoromethane	ND	10	1.00	
1,2,3-Trichloropropane	ND	5.0	1.00	
1,2,4-Trimethylbenzene	ND	1.0	1.00	
1,3,5-Trimethylbenzene	ND	1.0	1.00	
Vinyl Acetate	ND	10	1.00	
Vinyl Chloride	ND	0.50	1.00	
p/m-Xylene	ND	1.0	1.00	
o-Xylene	ND	1.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	98	80-120	
Dibromofluoromethane	111	78-126	
1,2-Dichloroethane-d4	98	75-135	
Toluene-d8	101	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Dup-2	**16-03-1400-16-A**	**03/16/16 00:00**	**Aqueous**	**GC/MS RR**	**03/18/16**	**03/19/16 02:47**	**160318L029**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	20	1.00	
Benzene	ND	0.50	1.00	
Bromobenzene	ND	1.0	1.00	
Bromochloromethane	ND	1.0	1.00	
Bromodichloromethane	ND	1.0	1.00	
Bromoform	ND	1.0	1.00	
Bromomethane	ND	10	1.00	
2-Butanone	ND	10	1.00	
n-Butylbenzene	ND	1.0	1.00	
sec-Butylbenzene	ND	1.0	1.00	
tert-Butylbenzene	ND	1.0	1.00	
Carbon Disulfide	ND	10	1.00	
Carbon Tetrachloride	ND	0.50	1.00	
Chlorobenzene	ND	1.0	1.00	
Chloroethane	ND	5.0	1.00	
Chloroform	ND	1.0	1.00	
Chloromethane	ND	10	1.00	
2-Chlorotoluene	ND	1.0	1.00	
4-Chlorotoluene	ND	1.0	1.00	
Dibromochloromethane	ND	1.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.00	
1,2-Dibromoethane	ND	1.0	1.00	
Dibromomethane	ND	1.0	1.00	
1,2-Dichlorobenzene	ND	1.0	1.00	
1,3-Dichlorobenzene	ND	1.0	1.00	
1,4-Dichlorobenzene	ND	1.0	1.00	
Dichlorodifluoromethane	ND	1.0	1.00	
1,1-Dichloroethane	ND	1.0	1.00	
1,2-Dichloroethane	ND	0.50	1.00	
1,1-Dichloroethene	ND	1.0	1.00	
c-1,2-Dichloroethene	ND	1.0	1.00	
t-1,2-Dichloroethene	ND	1.0	1.00	
1,2-Dichloropropane	ND	1.0	1.00	
1,3-Dichloropropane	ND	1.0	1.00	
2,2-Dichloropropane	ND	1.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	1.0	1.00	
c-1,3-Dichloropropene	ND	0.50	1.00	
t-1,3-Dichloropropene	ND	0.50	1.00	
Ethylbenzene	ND	1.0	1.00	
2-Hexanone	ND	10	1.00	
Isopropylbenzene	ND	1.0	1.00	
p-Isopropyltoluene	ND	1.0	1.00	
Methylene Chloride	ND	10	1.00	
4-Methyl-2-Pentanone	ND	10	1.00	
Naphthalene	ND	10	1.00	
n-Propylbenzene	ND	1.0	1.00	
Styrene	ND	1.0	1.00	
1,1,1,2-Tetrachloroethane	ND	1.0	1.00	
1,1,2,2-Tetrachloroethane	ND	1.0	1.00	
Tetrachloroethene	1.4	1.0	1.00	
Toluene	ND	1.0	1.00	
1,2,3-Trichlorobenzene	ND	1.0	1.00	
1,2,4-Trichlorobenzene	ND	1.0	1.00	
1,1,1-Trichloroethane	ND	1.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.00	
1,1,2-Trichloroethane	ND	1.0	1.00	
Trichloroethene	ND	1.0	1.00	
Trichlorofluoromethane	ND	10	1.00	
1,2,3-Trichloropropane	ND	5.0	1.00	
1,2,4-Trimethylbenzene	ND	1.0	1.00	
1,3,5-Trimethylbenzene	ND	1.0	1.00	
Vinyl Acetate	ND	10	1.00	
Vinyl Chloride	ND	0.50	1.00	
p/m-Xylene	ND	1.0	1.00	
o-Xylene	ND	1.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	98	80-120	
Dibromofluoromethane	109	78-126	
1,2-Dichloroethane-d4	97	75-135	
Toluene-d8	100	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Dup-1	**16-03-1400-17-A**	**03/15/16 00:00**	**Aqueous**	**GC/MS RR**	**03/18/16**	**03/19/16 03:22**	**160318L029**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	20	1.00	
Benzene	ND	0.50	1.00	
Bromobenzene	ND	1.0	1.00	
Bromochloromethane	ND	1.0	1.00	
Bromodichloromethane	ND	1.0	1.00	
Bromoform	ND	1.0	1.00	
Bromomethane	ND	10	1.00	
2-Butanone	ND	10	1.00	
n-Butylbenzene	ND	1.0	1.00	
sec-Butylbenzene	ND	1.0	1.00	
tert-Butylbenzene	ND	1.0	1.00	
Carbon Disulfide	ND	10	1.00	
Carbon Tetrachloride	ND	0.50	1.00	
Chlorobenzene	ND	1.0	1.00	
Chloroethane	ND	5.0	1.00	
Chloroform	ND	1.0	1.00	
Chloromethane	ND	10	1.00	
2-Chlorotoluene	ND	1.0	1.00	
4-Chlorotoluene	ND	1.0	1.00	
Dibromochloromethane	ND	1.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.00	
1,2-Dibromoethane	ND	1.0	1.00	
Dibromomethane	ND	1.0	1.00	
1,2-Dichlorobenzene	ND	1.0	1.00	
1,3-Dichlorobenzene	ND	1.0	1.00	
1,4-Dichlorobenzene	ND	1.0	1.00	
Dichlorodifluoromethane	ND	1.0	1.00	
1,1-Dichloroethane	ND	1.0	1.00	
1,2-Dichloroethane	ND	0.50	1.00	
1,1-Dichloroethene	ND	1.0	1.00	
c-1,2-Dichloroethene	8.6	1.0	1.00	
t-1,2-Dichloroethene	ND	1.0	1.00	
1,2-Dichloropropane	ND	1.0	1.00	
1,3-Dichloropropane	ND	1.0	1.00	
2,2-Dichloropropane	ND	1.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	1.0	1.00	
c-1,3-Dichloropropene	ND	0.50	1.00	
t-1,3-Dichloropropene	ND	0.50	1.00	
Ethylbenzene	ND	1.0	1.00	
2-Hexanone	ND	10	1.00	
Isopropylbenzene	ND	1.0	1.00	
p-Isopropyltoluene	ND	1.0	1.00	
Methylene Chloride	ND	10	1.00	
4-Methyl-2-Pentanone	ND	10	1.00	
Naphthalene	ND	10	1.00	
n-Propylbenzene	ND	1.0	1.00	
Styrene	ND	1.0	1.00	
1,1,1,2-Tetrachloroethane	ND	1.0	1.00	
1,1,2,2-Tetrachloroethane	ND	1.0	1.00	
Tetrachloroethene	ND	1.0	1.00	
Toluene	ND	1.0	1.00	
1,2,3-Trichlorobenzene	ND	1.0	1.00	
1,2,4-Trichlorobenzene	ND	1.0	1.00	
1,1,1-Trichloroethane	ND	1.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.00	
1,1,2-Trichloroethane	ND	1.0	1.00	
Trichloroethene	ND	1.0	1.00	
Trichlorofluoromethane	ND	10	1.00	
1,2,3-Trichloropropane	ND	5.0	1.00	
1,2,4-Trimethylbenzene	ND	1.0	1.00	
1,3,5-Trimethylbenzene	ND	1.0	1.00	
Vinyl Acetate	ND	10	1.00	
Vinyl Chloride	ND	0.50	1.00	
p/m-Xylene	ND	1.0	1.00	
o-Xylene	ND	1.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	97	80-120	
Dibromofluoromethane	121	78-126	
1,2-Dichloroethane-d4	98	75-135	
Toluene-d8	98	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
FB-1	**16-03-1400-18-A**	**03/15/16 00:00**	**Aqueous**	**GC/MS RR**	**03/18/16**	**03/19/16 03:57**	**160318L029**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	20	1.00	
Benzene	ND	0.50	1.00	
Bromobenzene	ND	1.0	1.00	
Bromochloromethane	ND	1.0	1.00	
Bromodichloromethane	ND	1.0	1.00	
Bromoform	ND	1.0	1.00	
Bromomethane	ND	10	1.00	
2-Butanone	ND	10	1.00	
n-Butylbenzene	ND	1.0	1.00	
sec-Butylbenzene	ND	1.0	1.00	
tert-Butylbenzene	ND	1.0	1.00	
Carbon Disulfide	ND	10	1.00	
Carbon Tetrachloride	ND	0.50	1.00	
Chlorobenzene	ND	1.0	1.00	
Chloroethane	ND	5.0	1.00	
Chloroform	ND	1.0	1.00	
Chloromethane	ND	10	1.00	
2-Chlorotoluene	ND	1.0	1.00	
4-Chlorotoluene	ND	1.0	1.00	
Dibromochloromethane	ND	1.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.00	
1,2-Dibromoethane	ND	1.0	1.00	
Dibromomethane	ND	1.0	1.00	
1,2-Dichlorobenzene	ND	1.0	1.00	
1,3-Dichlorobenzene	ND	1.0	1.00	
1,4-Dichlorobenzene	ND	1.0	1.00	
Dichlorodifluoromethane	ND	1.0	1.00	
1,1-Dichloroethane	ND	1.0	1.00	
1,2-Dichloroethane	ND	0.50	1.00	
1,1-Dichloroethene	ND	1.0	1.00	
c-1,2-Dichloroethene	ND	1.0	1.00	
t-1,2-Dichloroethene	ND	1.0	1.00	
1,2-Dichloropropane	ND	1.0	1.00	
1,3-Dichloropropane	ND	1.0	1.00	
2,2-Dichloropropane	ND	1.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	1.0	1.00	
c-1,3-Dichloropropene	ND	0.50	1.00	
t-1,3-Dichloropropene	ND	0.50	1.00	
Ethylbenzene	ND	1.0	1.00	
2-Hexanone	ND	10	1.00	
Isopropylbenzene	ND	1.0	1.00	
p-Isopropyltoluene	ND	1.0	1.00	
Methylene Chloride	ND	10	1.00	
4-Methyl-2-Pentanone	ND	10	1.00	
Naphthalene	ND	10	1.00	
n-Propylbenzene	ND	1.0	1.00	
Styrene	ND	1.0	1.00	
1,1,1,2-Tetrachloroethane	ND	1.0	1.00	
1,1,2,2-Tetrachloroethane	ND	1.0	1.00	
Tetrachloroethene	ND	1.0	1.00	
Toluene	ND	1.0	1.00	
1,2,3-Trichlorobenzene	ND	1.0	1.00	
1,2,4-Trichlorobenzene	ND	1.0	1.00	
1,1,1-Trichloroethane	ND	1.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.00	
1,1,2-Trichloroethane	ND	1.0	1.00	
Trichloroethene	ND	1.0	1.00	
Trichlorofluoromethane	ND	10	1.00	
1,2,3-Trichloropropane	ND	5.0	1.00	
1,2,4-Trimethylbenzene	ND	1.0	1.00	
1,3,5-Trimethylbenzene	ND	1.0	1.00	
Vinyl Acetate	ND	10	1.00	
Vinyl Chloride	ND	0.50	1.00	
p/m-Xylene	ND	1.0	1.00	
o-Xylene	ND	1.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	97	80-120	
Dibromofluoromethane	107	78-126	
1,2-Dichloroethane-d4	96	75-135	
Toluene-d8	98	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
TB	**16-03-1400-19-A**	**03/15/16 00:00**	**Aqueous**	**GC/MS RR**	**03/18/16**	**03/19/16 04:33**	**160318L029**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	20	1.00	
Benzene	ND	0.50	1.00	
Bromobenzene	ND	1.0	1.00	
Bromochloromethane	ND	1.0	1.00	
Bromodichloromethane	ND	1.0	1.00	
Bromoform	ND	1.0	1.00	
Bromomethane	ND	10	1.00	
2-Butanone	ND	10	1.00	
n-Butylbenzene	ND	1.0	1.00	
sec-Butylbenzene	ND	1.0	1.00	
tert-Butylbenzene	ND	1.0	1.00	
Carbon Disulfide	ND	10	1.00	
Carbon Tetrachloride	ND	0.50	1.00	
Chlorobenzene	ND	1.0	1.00	
Chloroethane	ND	5.0	1.00	
Chloroform	ND	1.0	1.00	
Chloromethane	ND	10	1.00	
2-Chlorotoluene	ND	1.0	1.00	
4-Chlorotoluene	ND	1.0	1.00	
Dibromochloromethane	ND	1.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.00	
1,2-Dibromoethane	ND	1.0	1.00	
Dibromomethane	ND	1.0	1.00	
1,2-Dichlorobenzene	ND	1.0	1.00	
1,3-Dichlorobenzene	ND	1.0	1.00	
1,4-Dichlorobenzene	ND	1.0	1.00	
Dichlorodifluoromethane	ND	1.0	1.00	
1,1-Dichloroethane	ND	1.0	1.00	
1,2-Dichloroethane	ND	0.50	1.00	
1,1-Dichloroethene	ND	1.0	1.00	
c-1,2-Dichloroethene	ND	1.0	1.00	
t-1,2-Dichloroethene	ND	1.0	1.00	
1,2-Dichloropropane	ND	1.0	1.00	
1,3-Dichloropropane	ND	1.0	1.00	
2,2-Dichloropropane	ND	1.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	1.0	1.00	
c-1,3-Dichloropropene	ND	0.50	1.00	
t-1,3-Dichloropropene	ND	0.50	1.00	
Ethylbenzene	ND	1.0	1.00	
2-Hexanone	ND	10	1.00	
Isopropylbenzene	ND	1.0	1.00	
p-Isopropyltoluene	ND	1.0	1.00	
Methylene Chloride	ND	10	1.00	
4-Methyl-2-Pentanone	ND	10	1.00	
Naphthalene	ND	10	1.00	
n-Propylbenzene	ND	1.0	1.00	
Styrene	ND	1.0	1.00	
1,1,1,2-Tetrachloroethane	ND	1.0	1.00	
1,1,2,2-Tetrachloroethane	ND	1.0	1.00	
Tetrachloroethene	ND	1.0	1.00	
Toluene	ND	1.0	1.00	
1,2,3-Trichlorobenzene	ND	1.0	1.00	
1,2,4-Trichlorobenzene	ND	1.0	1.00	
1,1,1-Trichloroethane	ND	1.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.00	
1,1,2-Trichloroethane	ND	1.0	1.00	
Trichloroethene	ND	1.0	1.00	
Trichlorofluoromethane	ND	10	1.00	
1,2,3-Trichloropropane	ND	5.0	1.00	
1,2,4-Trimethylbenzene	ND	1.0	1.00	
1,3,5-Trimethylbenzene	ND	1.0	1.00	
Vinyl Acetate	ND	10	1.00	
Vinyl Chloride	ND	0.50	1.00	
p/m-Xylene	ND	1.0	1.00	
o-Xylene	ND	1.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	94	80-120	
Dibromofluoromethane	108	78-126	
1,2-Dichloroethane-d4	101	75-135	
Toluene-d8	100	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-14-001-19809**	**N/A**	**Aqueous**	**GC/MS RR**	**03/17/16**	**03/17/16 20:45**	**160317L047**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	20	1.00	
Benzene	ND	0.50	1.00	
Bromobenzene	ND	1.0	1.00	
Bromochloromethane	ND	1.0	1.00	
Bromodichloromethane	ND	1.0	1.00	
Bromoform	ND	1.0	1.00	
Bromomethane	ND	10	1.00	
2-Butanone	ND	10	1.00	
n-Butylbenzene	ND	1.0	1.00	
sec-Butylbenzene	ND	1.0	1.00	
tert-Butylbenzene	ND	1.0	1.00	
Carbon Disulfide	ND	10	1.00	
Carbon Tetrachloride	ND	0.50	1.00	
Chlorobenzene	ND	1.0	1.00	
Chloroethane	ND	5.0	1.00	
Chloroform	ND	1.0	1.00	
Chloromethane	ND	10	1.00	
2-Chlorotoluene	ND	1.0	1.00	
4-Chlorotoluene	ND	1.0	1.00	
Dibromochloromethane	ND	1.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.00	
1,2-Dibromoethane	ND	1.0	1.00	
Dibromomethane	ND	1.0	1.00	
1,2-Dichlorobenzene	ND	1.0	1.00	
1,3-Dichlorobenzene	ND	1.0	1.00	
1,4-Dichlorobenzene	ND	1.0	1.00	
Dichlorodifluoromethane	ND	1.0	1.00	
1,1-Dichloroethane	ND	1.0	1.00	
1,2-Dichloroethane	ND	0.50	1.00	
1,1-Dichloroethene	ND	1.0	1.00	
c-1,2-Dichloroethene	ND	1.0	1.00	
t-1,2-Dichloroethene	ND	1.0	1.00	
1,2-Dichloropropane	ND	1.0	1.00	
1,3-Dichloropropane	ND	1.0	1.00	
2,2-Dichloropropane	ND	1.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	1.0	1.00	
c-1,3-Dichloropropene	ND	0.50	1.00	
t-1,3-Dichloropropene	ND	0.50	1.00	
Ethylbenzene	ND	1.0	1.00	
2-Hexanone	ND	10	1.00	
Isopropylbenzene	ND	1.0	1.00	
p-Isopropyltoluene	ND	1.0	1.00	
Methylene Chloride	ND	10	1.00	
4-Methyl-2-Pentanone	ND	10	1.00	
Naphthalene	ND	10	1.00	
n-Propylbenzene	ND	1.0	1.00	
Styrene	ND	1.0	1.00	
1,1,1,2-Tetrachloroethane	ND	1.0	1.00	
1,1,2,2-Tetrachloroethane	ND	1.0	1.00	
Tetrachloroethene	ND	1.0	1.00	
Toluene	ND	1.0	1.00	
1,2,3-Trichlorobenzene	ND	1.0	1.00	
1,2,4-Trichlorobenzene	ND	1.0	1.00	
1,1,1-Trichloroethane	ND	1.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.00	
1,1,2-Trichloroethane	ND	1.0	1.00	
Trichloroethene	ND	1.0	1.00	
Trichlorofluoromethane	ND	10	1.00	
1,2,3-Trichloropropane	ND	5.0	1.00	
1,2,4-Trimethylbenzene	ND	1.0	1.00	
1,3,5-Trimethylbenzene	ND	1.0	1.00	
Vinyl Acetate	ND	10	1.00	
Vinyl Chloride	ND	0.50	1.00	
p/m-Xylene	ND	1.0	1.00	
o-Xylene	ND	1.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	97	80-120	
Dibromofluoromethane	99	78-126	
1,2-Dichloroethane-d4	101	75-135	
Toluene-d8	97	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-14-001-19822**	**N/A**	**Aqueous**	**GC/MS RR**	**03/18/16**	**03/18/16 19:41**	**160318L029**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	20	1.00	
Benzene	ND	0.50	1.00	
Bromobenzene	ND	1.0	1.00	
Bromochloromethane	ND	1.0	1.00	
Bromodichloromethane	ND	1.0	1.00	
Bromoform	ND	1.0	1.00	
Bromomethane	ND	10	1.00	
2-Butanone	ND	10	1.00	
n-Butylbenzene	ND	1.0	1.00	
sec-Butylbenzene	ND	1.0	1.00	
tert-Butylbenzene	ND	1.0	1.00	
Carbon Disulfide	ND	10	1.00	
Carbon Tetrachloride	ND	0.50	1.00	
Chlorobenzene	ND	1.0	1.00	
Chloroethane	ND	5.0	1.00	
Chloroform	ND	1.0	1.00	
Chloromethane	ND	10	1.00	
2-Chlorotoluene	ND	1.0	1.00	
4-Chlorotoluene	ND	1.0	1.00	
Dibromochloromethane	ND	1.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.00	
1,2-Dibromoethane	ND	1.0	1.00	
Dibromomethane	ND	1.0	1.00	
1,2-Dichlorobenzene	ND	1.0	1.00	
1,3-Dichlorobenzene	ND	1.0	1.00	
1,4-Dichlorobenzene	ND	1.0	1.00	
Dichlorodifluoromethane	ND	1.0	1.00	
1,1-Dichloroethane	ND	1.0	1.00	
1,2-Dichloroethane	ND	0.50	1.00	
1,1-Dichloroethene	ND	1.0	1.00	
c-1,2-Dichloroethene	ND	1.0	1.00	
t-1,2-Dichloroethene	ND	1.0	1.00	
1,2-Dichloropropane	ND	1.0	1.00	
1,3-Dichloropropane	ND	1.0	1.00	
2,2-Dichloropropane	ND	1.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	1.0	1.00	
c-1,3-Dichloropropene	ND	0.50	1.00	
t-1,3-Dichloropropene	ND	0.50	1.00	
Ethylbenzene	ND	1.0	1.00	
2-Hexanone	ND	10	1.00	
Isopropylbenzene	ND	1.0	1.00	
p-Isopropyltoluene	ND	1.0	1.00	
Methylene Chloride	ND	10	1.00	
4-Methyl-2-Pentanone	ND	10	1.00	
Naphthalene	ND	10	1.00	
n-Propylbenzene	ND	1.0	1.00	
Styrene	ND	1.0	1.00	
1,1,1,2-Tetrachloroethane	ND	1.0	1.00	
1,1,2,2-Tetrachloroethane	ND	1.0	1.00	
Tetrachloroethene	ND	1.0	1.00	
Toluene	ND	1.0	1.00	
1,2,3-Trichlorobenzene	ND	1.0	1.00	
1,2,4-Trichlorobenzene	ND	1.0	1.00	
1,1,1-Trichloroethane	ND	1.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.00	
1,1,2-Trichloroethane	ND	1.0	1.00	
Trichloroethene	ND	1.0	1.00	
Trichlorofluoromethane	ND	10	1.00	
1,2,3-Trichloropropane	ND	5.0	1.00	
1,2,4-Trimethylbenzene	ND	1.0	1.00	
1,3,5-Trimethylbenzene	ND	1.0	1.00	
Vinyl Acetate	ND	10	1.00	
Vinyl Chloride	ND	0.50	1.00	
p/m-Xylene	ND	1.0	1.00	
o-Xylene	ND	1.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	98	80-120	
Dibromofluoromethane	105	78-126	
1,2-Dichloroethane-d4	98	75-135	
Toluene-d8	97	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Quality Control - Spike/Spike Duplicate

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B

Project: AmeriPride - LA / 89698

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
MW-13B	**Sample**	**Aqueous**	**GC/MS RR**	**03/18/16**	**03/18/16 20:53**	**160318S014**
MW-13B	**Matrix Spike**	**Aqueous**	**GC/MS RR**	**03/18/16**	**03/18/16 21:28**	**160318S014**
MW-13B	**Matrix Spike Duplicate**	**Aqueous**	**GC/MS RR**	**03/18/16**	**03/18/16 22:04**	**160318S014**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Benzene	ND	50.00	56.39	113	54.88	110	74-122	3	0-21	
Carbon Tetrachloride	ND	50.00	44.50	89	44.60	89	60-144	0	0-21	
Chlorobenzene	ND	50.00	56.78	114	54.86	110	73-120	3	0-22	
1,2-Dibromoethane	ND	50.00	55.14	110	53.03	106	80-122	4	0-20	
1,2-Dichlorobenzene	ND	50.00	54.91	110	54.18	108	70-120	1	0-26	
1,2-Dichloroethane	ND	50.00	55.09	110	54.10	108	64-142	2	0-20	
1,1-Dichloroethene	ND	50.00	58.53	117	54.92	110	52-136	6	0-21	
Ethylbenzene	ND	50.00	56.39	113	55.12	110	77-125	2	0-24	
Toluene	ND	50.00	56.39	113	54.60	109	72-126	3	0-23	
Trichloroethene	ND	50.00	53.15	106	50.80	102	74-128	5	0-22	
Vinyl Chloride	ND	50.00	49.88	100	47.93	96	67-133	4	0-20	
p/m-Xylene	ND	100.0	111.0	111	108.6	109	63-129	2	0-25	
o-Xylene	ND	50.00	55.03	110	54.65	109	62-128	1	0-24	
Methyl-t-Butyl Ether (MTBE)	ND	50.00	49.79	100	48.78	98	68-134	2	0-21	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits

eurofins | Calscience

Quality Control - LCS/LCSD

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Project: AmeriPride - LA / 89698

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-14-001-19809	**LCS**	**Aqueous**	**GC/MS RR**	**03/17/16**	**03/17/16 17:39**	**160317L047**
099-14-001-19809	**LCSD**	**Aqueous**	**GC/MS RR**	**03/17/16**	**03/17/16 18:48**	**160317L047**

Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	ME CL	RPD	RPD CL	Qualifiers
Benzene	50.00	44.64	89	44.14	88	80-120	73-127	1	0-20	
Carbon Tetrachloride	50.00	42.27	85	43.38	87	67-139	55-151	3	0-20	
Chlorobenzene	50.00	46.98	94	44.67	89	78-120	71-127	5	0-20	
1,2-Dibromoethane	50.00	45.62	91	44.18	88	80-120	73-127	3	0-20	
1,2-Dichlorobenzene	50.00	47.74	95	46.13	92	63-129	52-140	3	0-20	
1,2-Dichloroethane	50.00	45.73	91	45.29	91	70-130	60-140	1	0-20	
1,1-Dichloroethene	50.00	43.63	87	43.24	86	66-126	56-136	1	0-20	
Ethylbenzene	50.00	46.08	92	43.96	88	80-123	73-130	5	0-20	
Toluene	50.00	44.86	90	43.75	88	80-120	73-127	2	0-20	
Trichloroethene	50.00	43.20	86	43.09	86	80-122	73-129	0	0-20	
Vinyl Chloride	50.00	43.86	88	45.55	91	70-130	60-140	4	0-20	
p/m-Xylene	100.0	91.40	91	88.41	88	75-123	67-131	3	0-20	
o-Xylene	50.00	45.52	91	43.75	87	74-122	66-130	4	0-20	
Methyl-t-Butyl Ether (MTBE)	50.00	42.44	85	42.57	85	69-129	59-139	0	0-20	

Total number of LCS compounds: 14
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits

eurofins | Calscience

Quality Control - LCS/LCSD

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Project: AmeriPride - LA / 89698

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-14-001-19822	**LCS**	**Aqueous**	**GC/MS RR**	**03/18/16**	**03/18/16 17:14**	**160318L029**
099-14-001-19822	**LCSD**	**Aqueous**	**GC/MS RR**	**03/18/16**	**03/18/16 17:50**	**160318L029**

Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	ME CL	RPD	RPD CL	Qualifiers
Benzene	50.00	51.51	103	54.68	109	80-120	73-127	6	0-20	
Carbon Tetrachloride	50.00	43.01	86	46.56	93	67-139	55-151	8	0-20	
Chlorobenzene	50.00	52.03	104	55.97	112	78-120	71-127	7	0-20	
1,2-Dibromoethane	50.00	49.50	99	53.02	106	80-120	73-127	7	0-20	
1,2-Dichlorobenzene	50.00	53.81	108	53.96	108	63-129	52-140	0	0-20	
1,2-Dichloroethane	50.00	50.51	101	54.68	109	70-130	60-140	8	0-20	
1,1-Dichloroethene	50.00	52.22	104	56.95	114	66-126	56-136	9	0-20	
Ethylbenzene	50.00	51.95	104	55.26	111	80-123	73-130	6	0-20	
Toluene	50.00	52.09	104	55.32	111	80-120	73-127	6	0-20	
Trichloroethene	50.00	50.09	100	53.46	107	80-122	73-129	7	0-20	
Vinyl Chloride	50.00	41.89	84	45.26	91	70-130	60-140	8	0-20	
p/m-Xylene	100.0	104.6	105	110.0	110	75-123	67-131	5	0-20	
o-Xylene	50.00	51.08	102	54.87	110	74-122	66-130	7	0-20	
Methyl-t-Butyl Ether (MTBE)	50.00	44.76	90	50.69	101	69-129	59-139	12	0-20	

Total number of LCS compounds: 14
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits

eurofins | Calscience

Sample Analysis Summary Report

Work Order: 16-03-1400 Page 1 of 1

Method	Extraction	Chemist ID	Instrument	Analytical Location
EPA 8260B	EPA 5030C	823	GC/MS RR	2
EPA 8260B	EPA 5030C	1023	GC/MS RR	2

Return to Contents

eurofins | Calscience

Glossary of Terms and Qualifiers

Work Order: 16-03-1400 Page 1 of 1

Qualifiers	Definition
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.
4	The MS/MSD RPD was out of control due to suspected matrix interference.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference.
6	Surrogate recovery below the acceptance limit.
7	Surrogate recovery above the acceptance limit.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
BV	Sample received after holding time expired.
CI	See case narrative.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
HD	The chromatographic pattern was inconsistent with the profile of the reference fuel standard.
HDH	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected).
HDL	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected).
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
JA	Analyte positively identified but quantitation is an estimate.
ME	LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean).
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
SG	The sample extract was subjected to Silica Gel treatment prior to analysis.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

Return to Contents

eurofins | Calscience

7440 Lincoln Way, Garden Grove, CA 92841-1427 • (714) 895-5494
For courier service / sample drop off information, contact us26_sales@eurofinsus.com or call us.

CHAIN-OF-CUSTODY RECORD

WO NO. / LAB USE ONLY: **16-03-1400**

DATE: 3/15/16
PAGE: 1 OF 2

LABORATORY CLIENT: Burns & McDonnell
ADDRESS: 8201 Norman Center Dr #300
CITY: Bloomington STATE: MN ZIP:
TEL: 952-656-3679 E-MAIL: ebrenegan@burnsmcd.com

CLIENT PROJECT NAME / NO.: Ameri Pride - L.A.
PROJECT CONTACT: Erik Brenegan / Stephanie Ryno
GLOBAL ID:
LOG CODE:

P.O. NO.: 89698
LAB CONTACT OR QUOTE NO.: Vikas Patel
SAMPLER(S): (PRINT) Brian Johnson

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ STANDARD

EDD:
☐ COELT EDF ☐ OTHER

SPECIAL INSTRUCTIONS:
Please also send to:
sryno@burnsmcd.com

REQUESTED ANALYSES

Please check box or fill in blank as needed.

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	☐ TPH(g) ☐ GRO	☐ TPH(d) ☐ DRO	TPH ☐ C6-C36 ☐ C6-C44	TPH ____	BTEX / MTBE ☐ 8260 ☐ ____	VOCs (8260) B	Oxygenates (8260)	Prep (5035) ☐ En Core ☐ Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs ☐ 8270 ☐ 8270 SIM	T22 Metals ☐ 6010/747X ☐ 6020/747X	Cr(VI) ☐ 7196 ☐ 7199 ☐ 218.6
1	MW-16C	3/15/16	1330	H_2O	5-40mL		X							X								
2	MW-16B		1420																			
3	K-1		1508																			
4	MW-10B		1642																			
5	MW-10A		1700																			
6	MW-9A		1754																			
7	MW-7		1918																			
8	MW-13A	3/16/16	0500																			
9	MW-13B		0530																			
10	MW-14		0635																			

Relinquished by: (Signature) B. Johnson	Received by: (Signature/Affiliation) ECI	Date: 3/17/16	Time: 20:05
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

2015-05-13 Revision

Return to Contents

eurofins | Calscience

7440 Lincoln Way, Garden Grove, CA 92841-1427 • (714) 895-5494
For courier service / sample drop off information, contact us26_sales@eurofinsus.com or call us.

CHAIN-OF-CUSTODY RECORD

DATE: 3/15/16
PAGE: 2 OF 2

WO NO. / LAB USE ONLY: 16-03-1400

LABORATORY CLIENT: Burns & McDonnell
ADDRESS: 8201 Norman Center Dr. #300
CITY: Bloomington STATE: MN ZIP:
TEL: 952-656-3679 E-MAIL: ebrenegan@burnsmcd.com

CLIENT PROJECT NAME / NO.: AmeriPride - L.A.
PROJECT CONTACT: Erik Brenegan / Stephanie Ryno
GLOBAL ID: LOG CODE:

P.O. NO.: 89698
LAB CONTACT OR QUOTE NO.: Vikas Patel
SAMPLER(S): (PRINT) Brian Johnson

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☐ STANDARD

EDD:
☐ COELT EDF ☐ OTHER

SPECIAL INSTRUCTIONS:

REQUESTED ANALYSES

Please check box or fill in blank as needed.

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	☐ TPH(g) ☐ GRO	☐ TPH(d) ☐ DRO	TPH ☐ C6-C36 ☐ C6-C44	TPH ____	BTEX / MTBE ☐ 8260 ☐ ____	VOCs (8260) B	Oxygenates (8260)	Prep (5035) ☐ En Core ☐ Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs ☐ 8270 ☐ 8270 SIM	T22 Metals ☐ 6010/747X ☐ 6020/747X	Cr(VI) ☐ 7196 ☐ 7199 ☐ 218.6
11	MW-15	3/16/16	0746	8 H2O	5-40mL		X							X								
12	MW-3		0926																			
13	MW-12		1020																			
14	MW-11		1146																			
15	MW-16A		1232																			
16	DUP-2		—																			
17	DUP-1	3/15/16	—																			
18	FB-1		—																			
19	TB		—		2-40mL																	

Relinquished by: (Signature) B. Johnson Douglas	Received by: (Signature/Affiliation) Michael ECL	Date: 3/17/16	Time: 20:05
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

2015-05-13 Revision

Return to Contents

eurofins | Calscience

WORK ORDER NUMBER: 16-03- 1400

SAMPLE RECEIPT CHECKLIST

COOLER 1 OF 1

CLIENT: Burns & McDonnell

DATE: 03 / 17 / 2016

TEMPERATURE: (Criteria: 0.0°C – 6.0°C, not frozen except sediment/tissue)

Thermometer ID: SC4B (CF: +0.3°C); Temperature (w/o CF): 4.1 °C (w/ CF): 4.4 °C; ☐ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____)

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling

☐ Sample(s) received at ambient temperature; placed on ice for transport by courier

Ambient Temperature: ☐ Air ☐ Filter Checked by: 1017

CUSTODY SEAL:

Cooler ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: 1017

Sample(s) ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: 659

SAMPLE CONDITION:	Yes	No	N/A
Chain-of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
☐ Sampling date ☐ Sampling time ☐ Matrix ☐ Number of containers			
☐ No analysis requested ☐ Not relinquished ☐ No relinquished date ☐ No relinquished time			
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and in good condition	☑	☐	☐
Proper containers for analyses requested	☑	☐	☐
Sufficient volume/mass for analyses requested	☑	☐	☐
Samples received within holding time	☑	☐	☐
Aqueous samples for certain analyses received within 15-minute holding time			
☐ pH ☐ Residual Chlorine ☐ Dissolved Sulfide ☐ Dissolved Oxygen	☐	☐	☑
Proper preservation chemical(s) noted on COC and/or sample container	☑	☐	☐
Unpreserved aqueous sample(s) received for certain analyses			
☐ Volatile Organics ☐ Total Metals ☐ Dissolved Metals			
Container(s) for certain analysis free of headspace	☑	☐	☐
☑ Volatile Organics ☐ Dissolved Gases (RSK-175) ☐ Dissolved Oxygen (SM 4500)			
☐ Carbon Dioxide (SM 4500) ☐ Ferrous Iron (SM 3500) ☐ Hydrogen Sulfide (Hach)			
Tedlar™ bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE: (Trip Blank Lot Number: 160223B)

Aqueous: ☐ VOA ☑ VOA**h** ☐ VOA**na$_2$** ☐ 100PJ ☐ 100PJ**na$_2$** ☐ 125AGB ☐ 125AGB**h** ☐ 125AGB**p** ☐ 125PB ☐ 125PB**znna** ☐ 250AGB ☐ 250CGB ☐ 250CGB**s** ☐ 250PB ☐ 250PB**n** ☐ 500AGB ☐ 500AGJ ☐ 500AGJ**s** ☐ 500PB ☐ 1AGB ☐ 1AGB**na$_2$** ☐ 1AGB**s** ☐ 1PB ☐ 1PB**na** ☐ _____ ☐ _____ ☐ _____ ☐ _____

Solid: ☐ 4ozCGJ ☐ 8ozCGJ ☐ 16ozCGJ ☐ Sleeve (_____) ☐ EnCores® (_____) ☐ TerraCores® (_____) ☐ _____

Air: ☐ Tedlar™ ☐ Canister ☐ Sorbent Tube ☐ PUF ☐ _____ **Other Matrix** (_____): ☐ _____ ☐ _____

Container: **A** = Amber, **B** = Bottle, **C** = Clear, **E** = Envelope, **G** = Glass, **J** = Jar, **P** = Plastic, and **Z** = Ziploc/Resealable Bag

Preservative: **b** = buffered, **f** = filtered, **h** = HCl, **n** = HNO_3, **na** = NaOH, **na$_2$** = $Na_2S_2O_3$, **p** = H_3PO_4, **s** = H_2SO_4, **u** = ultra-pure, **znna** = $Zn(CH_3CO_2)_2$ + NaOH

Labeled/Checked by: 659

Reviewed by: 1058

APPENDIX B

GROUNDWATER FIELD LOGS

DOULOS ENVIRONMENTAL INC.
WELL MONITORING EVALUATION / GAUGING SHEET

Facility No: AmeriPride - L.A.	Date: 3/15/16
Facility Location: Los Angeles	Tech: B. Johnson
Project Manager: E. Brenegan	Project No: 89698

Gauge Order	Well I.D.	Time	Depth to Bottom	Depth to Water	Depth to LPH	LPH Thickness	Comments/ Observations
1	MW-16C	1116	94.39	36.27	N/A	0	
3	K-1	1127	66.82	39.51			
2	MW-16B	1120	70.33	37.52			FB-1
4	MW-10B	1134	91.34	41.64			DUP-1
6	MW-9A	1143	62.05	39.72			
9	MW-7	1201	70.07	39.76			
5	MW-10A	1138	62.18	42.66			
10	MW-3	1210	70.06	37.64			
11	MW-12	1219	49.04	39.11			
12	MW-11	1226	56.58	39.28			
13	MW-16A	1231	45.34	36.79			
14	MW-13A	0407	62.02	41.24			
15	MW-13B	0416	91.47	42.91			DUP-2
16	MW-14	0557	52.76	39.92	↓	↓	
17	MW-15	0655	54.84	39.57	N/A	0	
7	MW-9B	1147	91.01	39.68	N/A	0	Gauge only
8	MW-2	1155	69.80	42.34	↓	↓	gauge only

Decon Method: TRIPLE RINSE

Measuring Device: SOLINST

Notes:

FIELD GROUND WATER SAMPLING REPORT

WELL ID:	MW-16C	Site:	AmeriPride - Los Angeles, CA	Date Gauged:	3/15/16
Sample Order:	1	Project Number:	57699	Date Sampled:	3/15/16
Sampled By:	B. Johnson	Weather:	Clear	Air Temperature:	77°

SITE DESCRIPTION

Well Locked:	☒ Yes ☐ No	Well Diameter: (inches)	4"	TOC / MP Height:	2 ☒ ft ☐ m ☒ Above Ground ☐ Below Ground
Well Damaged:	☐ Yes ☒ No	TOC / MP Description:	☒ PVC ☐ Open	Site Remarks:	

TOC = Top of Casing; MP = Measuring Point.

WATER LEVEL DATA

Equipment Used:	☐ E-Tape ☐ Steel Tape ☒ Other Solinst	Measurement Units:	☒ Feet ☐ Meters	Total Well Depth:	94.39
	Pre-Purge Initial	Purging Start	During Purging	Purging End	After Sampling
Time:	1116	1238	1249 / 1301	1314	1330
Depth to Water:	36.27	36.27	36.90 / 37.51	38.07	36.44
Tape Correction:	—	—	—	—	—
Water Level:	—	—	—	—	—
Product Thickness:	—	—	—	—	—
Product Recovery:	—	—	—	—	—

PURGING

CASING VOLUME CALCULATION: 58.12 ft of water in casing X ~~38.9~~ .67 gallons/foot = ~~116.8~~ 38.9 total gallons / casing volume

Equipment Used:	☐ Grab ☐ Bailer ☒ Pump Description: Grundfos 2"			Purge Depth:	62'
Well Goes Dry While Purging:	☐ Yes ☒ No	Total Volume Purged:	117 ☒ gallons ☐ liters		

FIELD WATER QUALITY DATA

Time (24-hr)	Amount Purged	Pumping Rate	pH	Temp.	Dissolved Oxygen	Cond.	Turbidity	ORP	Color / Tint	Odor	
hh:mm	☒ gallons ☐ liters	☒ gpm ☐ L/min	☐ Temp. corrected?	☒ °C ☐ °F	mg/L	☐ SC ☐ EC µS/cm	NTUs	mV			
1238	0	—	7.17	23.0	1.77	1226	20.7	226	Clear	No	
1249	39	~~3.5~~	7.09	22.8	1.84	1198	23.4	231	Clear	No	
1301	78	3.25	7.05	23.1	1.79	1171	16.9	239	Clear	No	
1314	117	3	7.05	22.9	1.84	1133	18.1	249	Clear	No	

Flow Cell Type:	N/A	DO Meter Model No.:	YSI 55	ORP Meter Model No.:	Oakton 10

Conductivity: SC = Specific Conductance corrected for temperature (µS/cm at 25°C); EC = Electroconductivity not corrected for temperature (µS/cm).

SAMPLE DATA

Equipment Used:	☐ Grab ☒ Bailer ☐ Pump Description:						Sample Depth:	36.44	
Field Sample ID	Result Code	Date (m/d/yy)	Time (hh:mm)	Bottles	Filtered (0.45 µm)	Lab ID	Case ID	SDG ID	Remarks
MW-16C	PO	3/15/16	1330	5-40ml	N/A	—	—	—	

Result Codes: PO, Primary Sample; D#, Duplicate Sample; S#, Split Sample; BF#, Field Blank; BR#, Equipment Rinsate; BT#, Trip Blank; SF#, Field Spike; (# = 1 to 9).
SDG = Sample Delivery Group.

Sampler's Name (Print)	Brian Johnson	Signature	B. Johnson	Date	3/15/16

FIELD GROUND WATER SAMPLING REPORT

WELL ID:	MW-16B	Site:	AmeriPride - Los Angeles, CA	Date Gauged:	3/15/16
Sample Order:	2	Project Number:	57699	Date Sampled:	3/15/16
Sampled By:	B. Johnson	Weather:	Clear	Air Temperature:	77°

SITE DESCRIPTION

Well Locked:	☑ Yes ☐ No	Well Diameter: (inches)	4"	TOC / MP Height:	2 ☑ ft ☐ m ☑ Above Ground ☐ Below Ground
Well Damaged:	☐ Yes ☑ No	TOC / MP Description:	☑ PVC ☐ Open	Site Remarks:	

TOC = Top of Casing; MP = Measuring Point.

WATER LEVEL DATA

Equipment Used:	☐ E-Tape ☐ Steel Tape ☑ Other Solinst	Measurement Units:	☑ Feet ☐ Meters	Total Well Depth:	70.33
	Pre-Purge Initial	Purging Start	During Purging	Purging End	After Sampling
Time:	1120	1338	1345 / 1354	1405	1420
Depth to Water:	37.52	37.52	37.94 / 38.40	39.01	37.66
Tape Correction:	—	—	—	—	—
Water Level:	—	—	—	—	—
Product Thickness:	—	—	—	—	—
Product Recovery:	—	—	—	—	—

PURGING

CASING VOLUME CALCULATION: 32.81 ft of water in casing X 21.98 gallons/foot = 21.98 total gallons / casing volume

Equipment Used:	☐ Grab ☐ Bailer ☑ Pump Description: Grundfos 2"	Purge Depth:	60'
Well Goes Dry While Purging:	☐ Yes ☑ No	Total Volume Purged:	66 ☑ gallons ☐ liters

FIELD WATER QUALITY DATA

Time (24-hr)	Amount Purged	Pumping Rate	pH	Temp.	Dissolved Oxygen	Cond.	Turbidity	ORP	Color / Tint	Odor	
hh:mm	☑ gallons ☐ liters	☑ gpm ☐ L/min	☐ Temp. corrected?	☑ °C ☐ °F	mg/L	☐ SC ☐ EC ☑ µS/cm	NTUs	mV			
1338	0	—	6.85	23.1	2.11	1508	27.4	250	Clear	No	
1345	22	3.1	6.81	23.2	2.08	1436	21.8	242	Clear	No	
1354	44	2.4	6.79	23.4	2.04	1321	22.9	236	Clear	No	
1405	66	2	6.77	23.3	2.00	1313	19.6	232	Clear	No	

Flow Cell Type: N/A DO Meter Model No.: YSI 55 ORP Meter Model No.: Oakton 10

nductivity: SC = Specific Conductance corrected for temperature (µS/cm at 25°C); EC = Electroconductivity not corrected for temperature (µS/cm).

SAMPLE DATA

Equipment Used: ☐ Grab ☑ Bailer ☐ Pump Description: _____ Sample Depth: 37.66

Field Sample ID	Result Code	Date (m/d/yy)	Time (hh:mm)	Bottles	Filtered (0.45 µm)	Lab ID	Case ID	SDG ID	Remarks
MW-16B	PO	3/15/16	1420	5-40mL	N/A	—	—	—	

ult Codes: PO, Primary Sample; D#, Duplicate Sample; S#, Split Sample; BF#, Field Blank; BR#, Equipment Rinsate; BT#, Trip Blank; SF#, Field Spike; (# = 1 to 9).
= Sample Delivery Group.

mpler's Name (nt)	Brian Johnson	Signature	B. Johnson
		Date	3/15/16

FIELD GROUND WATER SAMPLING REPORT

WELL ID:	K-1	**Site:**	AmeriPride - Los Angeles, CA	**Date Gauged:**	3/15/16
Sample Order:	3	**Project Number:**	57699	**Date Sampled:**	3/15/16
Sampled By:	B. Johnson	**Weather:**	Clear	**Air Temperature:**	79.

SITE DESCRIPTION

Well Locked:	☑ Yes ☐ No	**Well Diameter: (inches)**	2"	**TOC / MP Height:**	3 ☑ ft ☐ m ☐ Above Ground ☐ Below Ground
Well Damaged:	☑ Yes ☐ No	**TOC / MP Description:**	☑ PVC ☐ Open	**Site Remarks:**	Monument was hit and leans.

TOC = Top of Casing; MP = Measuring Point.

WATER LEVEL DATA

Equipment Used:	☐ E-Tape ☐ Steel Tape ☑ Other Solinst	**Measurement Units:**	☑ Feet ☐ Meters	**Total Well Depth:**	66.82
	Pre-Purge Initial	**Purging Start**	**During Purging**	**Purging End**	**After Sampling**
Time:	1127	1440	1444 / 1448	1452	1508
Depth to Water:	39.51	39.91	39.86 / 40.21	41.04	39.95
Tape Correction:	—	—	—	—	—
Water Level:	—	—	—	—	—
Product Thickness:	—	—	—	—	—
Product Recovery:	—	—	—	—	—

PURGING

CASING VOLUME CALCULATION: 27.31 ft of water in casing X ~~0.17~~ 4.6 gallons/foot = ~~4.6~~ total gallons / casing volume

Equipment Used:	☐ Grab ☐ Bailer ☑ Pump	**Description:**	Grundfos 2"	**Purge Depth:**	60'
Well Goes Dry While Purging:	☐ Yes ☑ No	**Total Volume Purged:**	~~55~~ 14 ☑ gallons ☐ liters		

FIELD WATER QUALITY DATA

Time (24-hr)	Amount Purged	Pumping Rate	pH	Temp.	Dissolved Oxygen	Cond.	Turbidity	ORP	Color / Tint	Odor	
hh:mm	☐ gallons ☐ liters	☐ gpm ☐ L/min	☐ Temp. corrected?	☑ °C ☐ °F	mg/L	☐ SC ☐ EC ☑ µS/cm	NTUs	mV			
1440	0	—	6.98	24.2	1.49	1225	32.6	237	Clear	No	
1444	18	4.5	6.89	24.7	1.54	1302	43.9	241	Clear	No	
1448	36	4.5	6.84	24.4	1.57	1353	64.7	245	Clear	No	
1452	55	4.5	6.81	23.9	1.62	1349	66.2	246	Clear	No	

Flow Cell Type:	NA	**DO Meter Model No.:**	YSI 55
ORP Meter Model No.:	Oakton 10		

Conductivity: SC = Specific Conductance corrected for temperature (µS/cm at 25°C); EC = Electroconductivity not corrected for temperature (µS/cm).

SAMPLE DATA

Equipment Used:	☐ Grab ☑ Bailer ☐ Pump	**Description:**					**Sample Depth:**	39.95	
Field Sample ID	**Result Code**	**Date (m/d/yy)**	**Time (hh:mm)**	**Bottles**	**Filtered (0.45 µm)**	**Lab ID**	**Case ID**	**SDG ID**	**Remarks**
K-1	PO	3/15/16	1508	5-40mL	—	—	—	—	

Result Codes: P0, Primary Sample; D#, Duplicate Sample; S#, Split Sample; BF#, Field Blank; BR#, Equipment Rinsate; BT#, Trip Blank; SF#, Field Spike; (# = 1 to 9).
SDG = Sample Delivery Group.

Sampler's Name (Print)	Brian Johnson	**Signature**	B. J.	**Date**	3/15/16

FIELD GROUND WATER SAMPLING REPORT

WELL ID:	MW-10B	Site:	AmeriPride - Los Angeles, CA	Date Gauged:	3 | 15 | 16
Sample Order:	4	Project Number:	57699	Date Sampled:	3 | 15 | 16
Sampled By:	B. Johnson	Weather:	clear	Air Temperature:	77°

SITE DESCRIPTION

Well Locked:	☑ Yes ☐ No	Well Diameter: (inches)	4"	TOC / MP Height:	3 ☑ ft ☐ m ☐ Above Ground ☐ Below Ground
Well Damaged:	☐ Yes ☑ No	TOC / MP Description:	☑ PVC ☐ Open	Site Remarks:	

TOC = Top of Casing; MP = Measuring Point.

WATER LEVEL DATA

Equipment Used:	☐ E-Tape ☐ Steel Tape ☑ Other Solinst	Measurement Units:	☑ Feet ☐ Meters	Total Well Depth:	91.34
	Pre-Purge Initial	Purging Start	During Purging	Purging End	After Sampling
Time:	1134	1542	1554 / 1607	1619	1642
Depth to Water:	41.64	41.64	42.23 / 42.80	43.56	41.91
Tape Correction:	—	—	—	—	—
Water Level:	—	—	—	—	—
Product Thickness:	—	—	—	—	—
Product Recovery:	—	—	—	—	—

PURGING

CASING VOLUME CALCULATION: 49.7 ft of water in casing X .67 gallons/foot = 33 total gallons / casing volume

Equipment Used:	☐ Grab ☐ Bailer ☑ Pump	Description: Grundfos 2"		Purge Depth:	62'
Well Goes Dry While Purging:	☐ Yes ☑ No		Total Volume Purged:	100	☑ gallons ☐ liters

FIELD WATER QUALITY DATA

Time (24-hr)	Amount Purged	Pumping Rate	pH	Temp.	Dissolved Oxygen	Cond.	Turbidity	ORP	Color / Tint	Odor	
hh:mm	☑ gallons ☐ liters	☑ gpm ☐ L/min	☐ Temp. corrected?	☑ °C ☐ °F	mg/L	☐ SC ☐ EC ☑ µS/cm	NTUs	mV			
1542	0	—	7.39	23.1	1.69	1344	21.4	181	clear	No	
1554	33	2.75	7.24	22.8	1.74	1292	22.3	187	Clear	No	
1607	66	2.5	7.20	22.4	1.77	1291	25.0	195	Clear	No	
1619	100	2.75	7.16	22.1	1.85	1277	27.6	198	Clear	No	

Flow Cell Type:	NA	DO Meter Model No.:	YSI 55	ORP Meter Model No.:	Oakton 10

Conductivity: SC = Specific Conductance corrected for temperature (µS/cm at 25°C); EC = Electroconductivity not corrected for temperature (µS/cm).

SAMPLE DATA

Equipment Used:	☐ Grab ☑ Bailer ☐ Pump	Description:		Sample Depth:	41.91

Field Sample ID	Result Code	Date (m/d/yy)	Time (hh:mm)	Bottles	Filtered (0.45 µm)	Lab ID	Case ID	SDG ID	Remarks
MW-10B	PO	3/15/16	1642	5-40mL	N/A	—	—	—	
DUP-1	PODup	3/15/16	—	5-40mL	N/A	—	—	—	

Result Codes: PO, Primary Sample; D#, Duplicate Sample; S#, Split Sample; BF#, Field Blank; BR#, Equipment Rinsate; BT#, Trip Blank; SF#, Field Spike; (# = 1 to 9).
SDG = Sample Delivery Group.

Sampler's Name (Print)	Brian Johnson	Signature	B. Johnson	Date	3 | 16

FIELD GROUND WATER SAMPLING REPORT

WELL ID:	MW-10A	**Site:**	AmeriPride - Los Angeles, CA	**Date Gauged:**	3 / 15 / 16
Sample Order:	5	**Project Number:**	57699	**Date Sampled:**	3 / 15 / 16
Sampled By:	B. Johnson	**Weather:**	Clear	**Air Temperature:**	77°

SITE DESCRIPTION

Well Locked:	☑ Yes ☐ No	**Well Diameter: (inches)**	4"	**TOC / MP Height:**	3 ☑ ft ☐ m ☑ Above Ground ☐ Below Ground
Well Damaged:	☐ Yes ☑ No	**TOC / MP Description:**	☑ PVC ☐ Open	**Site Remarks:**	

TOC = Top of Casing; MP = Measuring Point.

WATER LEVEL DATA

Equipment Used:	☐ E-Tape ☐ Steel Tape ☑ Other Solinst	**Measurement Units:**	☑ Feet ☐ Meters	**Total Well Depth:**	62.18
	Pre-Purge Initial	**Purging Start**	**During Purging**	**Purging End**	**After Sampling**
Time:	1138	1628	1632 / 1637	1643	1700
Depth to Water:	42.66	42.66	42.98 / 43.40	44.12	42.90
Tape Correction:	—	—	—	—	—
Water Level:	—	—	—	—	—
Product Thickness:	—	—	—	—	—
Product Recovery:	—	—	—	—	—

PURGING

CASING VOLUME CALCULATION: 19.52 ft of water in casing X .67 gallons/foot = 13 total gallons / casing volume

Equipment Used:	☐ Grab ☐ Bailer ☑ Pump Description: Grundfos 2"	**Purge Depth:**	59'
Well Goes Dry While Purging:	☐ Yes ☑ No	**Total Volume Purged:**	39 ☑ gallons ☐ liters

FIELD WATER QUALITY DATA

Time (24-hr)	Amount Purged	Pumping Rate	pH	Temp.	Dissolved Oxygen	Cond.	Turbidity	ORP	Color / Tint	Odor	
hh:mm	☑ gallons ☐ liters	☑ gpm ☐ L/min	☐ Temp. corrected?	☑ °C ☐ °F	mg/L	☐ SC ☐ EC ☑ µS/cm	NTUs	mV			
1628	0	—	6.79	22.2	1.17	1198	20.9	141	clear	yes	
1632	13	3.25	6.77	22.2	1.12	1112	23.2	135	clear	yes	
1637	26	2.6	6.76	22.0	1.04	1036	26.5	129	clear	yes	
1643	39	2.2	6.74	22.2	1.07	1001	29.0	128	clear	yes	

Flow Cell Type:	NA	**DO Meter Model No.:**	YSI 55
		ORP Meter Model No.:	Oakton 10

nductivity: SC = Specific Conductance corrected for temperature (µS/cm at 25°C); EC = Electroconductivity not corrected for temperature (µS/cm).

SAMPLE DATA

Equipment Used:	☐ Grab ☑ Bailer ☐ Pump Description:						**Sample Depth:**	42.90	
Field Sample ID	**Result Code**	**Date (m/d/yy)**	**Time (hh:mm)**	**Bottles**	**Filtered (0.45 µm)**	**Lab ID**	**Case ID**	**SDG ID**	**Remarks**
MW-10A	PO	3/15/16	1700	5-40mL	NA	—	—	—	

lit Codes: PO, Primary Sample; D#, Duplicate Sample; S#, Split Sample; BF#, Field Blank; BR#, Equipment Rinsate; BT#, Trip Blank; SF#, Field Spike; (# = 1 to 9).
= Sample Delivery Group.

mpler's Name (nt)	Brian Johnson	**Signature**	B. Johnson
		Date	3 / 15 / 16

FIELD GROUND WATER SAMPLING REPORT

WELL ID:	MW-9A	Site:	AmeriPride - Los Angeles, CA	Date Gauged:	3/15/16
Sample Order:	6	Project Number:	57699	Date Sampled:	3/15/16
Sampled By:	B. Johnson	Weather:	Clear	Air Temperature:	72°

SITE DESCRIPTION

Well Locked:	☒ Yes ☐ No	Well Diameter: (Inches)	4"	TOC / MP Height:	2.5 ☒ ft ☐ m ☒ Above Ground ☐ Below Ground
Well Damaged:	☐ Yes ☒ No	TOC / MP Description:	☒ PVC ☐ Open	Site Remarks:	

TOC = Top of Casing; MP = Measuring Point.

WATER LEVEL DATA

Equipment Used:	☐ E-Tape ☐ Steel Tape ☒ Other Solinst	Measurement Units:	☒ Feet ☐ Meters	Total Well Depth:	62.05
	Pre-Purge Initial	Purging Start	During Purging	Purging End	After Sampling
Time:	1143	1714	1721 / 1729	1738	1754
Depth to Water:	39.72	39.72	4030 / 4036.85	4039.60	39.99
Tape Correction:	—	—	—	—	—
Water Level:	—	—	—	—	—
Product Thickness:	—	—	—	—	—
Product Recovery:	—	—	—	—	—

PURGING

CASING VOLUME CALCULATION: 22.33 ft of water in casing X ~~25~~.67 gallons/foot = 15 total gallons / casing volume

Equipment Used:	☐ Grab ☐ Bailer ☒ Pump Description: Grundfos 2"	Purge Depth:	58'
Well Goes Dry While Purging:	☐ Yes ☒ No	Total Volume Purged:	45 ☒ gallons ☐ liters

FIELD WATER QUALITY DATA

Time (24-hr)	Amount Purged	Pumping Rate	pH	Temp.	Dissolved Oxygen	Cond.	Turbidity	ORP	Color / Tint	Odor	
hh:mm	☒ gallons ☐ liters	☒ gpm ☐ L/min	☐ Temp. corrected?	☒ °C ☐ °F	mg/L	☐ SC ☐ EC ☒ µS/cm	NTUs	mV			
1714	0	—	6.98	22.3	0.94	1205	29.8	56	clear	yes	
1721	15	2.1	7.03	22.3	0.87	1241	21.4	42	clear	yes	
1729	30	1.9	7.07	22.4	0.81	1258	23.4	37	clear	yes	
1738	45	1.67	7.12	22.3	0.77	1277	20.9	33	clear	yes	

Flow Cell Type:	N/A	DO Meter Model No.:	YSI 55
		ORP Meter Model No.:	Oakton 10

nductivity: SC = Specific Conductance corrected for temperature (µS/cm at 25°C); EC = Electroconductivity not corrected for temperature (µS/cm).

SAMPLE DATA

Equipment Used:	☐ Grab ☒ Bailer ☐ Pump Description:						Sample Depth:	39.99	
Field Sample ID	Result Code	Date (m/d/yy)	Time (hh:mm)	Bottles	Filtered (0.45 µm)	Lab ID	Case ID	SDG ID	Remarks
MW-9A	PO	3/15/16	1754	5-40mL	N/A	—	—	—	

lt Codes: PO, Primary Sample; D#, Duplicate Sample; S#, Split Sample; BF#, Field Blank; BR#, Equipment Rinsate; BT#, Trip Blank; SF#, Field Spike; (# = 1 to 9).
= Sample Delivery Group.

mpler's Name (nt)	Brian Johnson	Signature	B. Johnson
		Date	3/15/16

FIELD GROUND WATER SAMPLING REPORT

WELL ID:	MW-7	**Site:**	AmeriPride - Los Angeles, CA	**Date Gauged:**	3/15/16
Sample Order:	7	**Project Number:**	57699	**Date Sampled:**	3/15/16
Sampled By:	B. Johnson	**Weather:**		**Air Temperature:**	

SITE DESCRIPTION

Well Locked:	☑ Yes ☐ No	**Well Diameter: (inches)**	4"	**TOC / MP Height:**	2.5 ☑ ft ☐ m ☑ Above Ground ☐ Below Ground
Well Damaged:	☐ Yes ☑ No	**TOC / MP Description:**	☑ PVC ☐ Open	**Site Remarks:**	

TOC = Top of Casing; MP = Measuring Point.

WATER LEVEL DATA

Equipment Used:	☐ E-Tape ☐ Steel Tape ☑ Other Solinst	**Measurement Units:**	☑ Feet ☐ Meters	**Total Well Depth:**	70.07
	Pre-Purge Initial	**Purging Start**	**During Purging**	**Purging End**	**After Sampling**
Time:	1201	1831	1840 / 1850	1901	1918
Depth to Water:	39.76	39.76	40.08 / 40.71	41.59	40.02
Tape Correction:	—	—	—	—	—
Water Level:	—	—	—	—	—
Product Thickness:	—	—	—	—	—
Product Recovery:	—	—	—	—	—

PURGING

CASING VOLUME CALCULATION: 30.31 ft of water in casing X .67 gallons/foot = 20 total gallons / casing volume

Equipment Used:	☐ Grab ☐ Bailer ☑ Pump Description: Grundfos 2"	**Purge Depth:**	62'
Well Goes Dry While Purging:	☐ Yes ☐ No	**Total Volume Purged:**	61 ☑ gallons ☐ liters

FIELD WATER QUALITY DATA

Time (24-hr)	Amount Purged	Pumping Rate	pH	Temp.	Dissolved Oxygen	Cond.	Turbidity	ORP	Color / Tint	Odor	
hh:mm	☑ gallons ☐ liters	☑ gpm ☐ L/min	☐ Temp. corrected?	☑ °C ☐ °F	mg/L	☐ SC ☐ EC ☑ µS/cm	NTUs	mV			
1831	0	—	7.34	21.8	1.91	1243	29.4	251	clear	No	
1840	20	2.2	7.21	22.2	1.96	1270	22.7	237	clear	No	
1850	40	2	7.17	22.5	2.02	1272	20.4	229	clear	No	
1901	61	1.8	7.13	22.5	2.08	1290	23.5	225	clear	No	

Flow Cell Type:	NA	**DO Meter Model No.:**	YSI 55
ORP Meter Model No.:	Oakton 10		

Conductivity: SC = Specific Conductance corrected for temperature (µS/cm at 25°C); EC = Electroconductivity not corrected for temperature (µS/cm).

SAMPLE DATA

Equipment Used:	☐ Grab ☑ Bailer ☐ Pump Description:						**Sample Depth:**	40.02
Field Sample ID	**Result Code**	**Date (m/d/yy)**	**Time (hh:mm)**	**Bottles**	**Filtered (0.45 µm)**	**Lab ID**	**Case ID**	**SDG ID**	**Remarks**
MW-7	PO	3/15/16	1918	5-40mL	NA	—	—	—	

Result Codes: PO, Primary Sample; D#, Duplicate Sample; S#, Split Sample; BF#, Field Blank; BR#, Equipment Rinsate; BT#, Trip Blank; SF#, Field Spike; (# = 1 to 9).
SDG = Sample Delivery Group.

Sampler's Name (Print)	Brian Johnson	**Signature**	B. Johnson
Date	3/15/16		

FIELD GROUND WATER SAMPLING REPORT

WELL ID:	MW-13A	**Site:**	AmeriPride - Los Angeles, CA	**Date Gauged:**	3/16/16
Sample Order:	8	**Project Number:**	57699	**Date Sampled:**	3/16/16
Sampled By:	B. Johnson	**Weather:**	clear	**Air Temperature:**	55°

SITE DESCRIPTION

Well Locked:	☐ Yes ☒ No	**Well Diameter: (inches)**	4"	**TOC / MP Height:**	.5 ☒ ft ☐ m ☐ Above Ground ☒ Below Ground
Well Damaged:	☒ Yes ☐ No	**TOC / MP Description:**	☒ PVC ☐ Open	**Site Remarks:**	water in well box Added 1 bolt

TOC = Top of Casing; MP = Measuring Point.

WATER LEVEL DATA

Equipment Used:	☐ E-Tape ☐ Steel Tape ☒ Other Solinst	**Measurement Units:**	☒ Feet ☐ Meters	**Total Well Depth:**	62.02
	Pre-Purge Initial	**Purging Start**	**During Purging**	**Purging End**	**After Sampling**
Time:	0407	0418	0423 / 0429	0436	0500
Depth to Water:	41.24	41.24	41.91 / 42.53	43.47	41.66
Tape Correction:	—	—	—	—	—
Water Level:	—	—	—	—	—
Product Thickness:	—	—	—	—	—
Product Recovery:	—	—	—	—	—

PURGING

CASING VOLUME CALCULATION: 20.78 ft of water in casing X .67 gallons/foot = 13.9 total gallons / casing volume

Equipment Used:	☐ Grab ☐ Bailer ☒ Pump	**Description:**	Grundfos 2"	**Purge Depth:**	58'
Well Goes Dry While Purging:	☐ Yes ☒ No	**Total Volume Purged:**	42	☒ gallons ☐ liters	

FIELD WATER QUALITY DATA

Time (24-hr)	Amount Purged	Pumping Rate	pH	Temp.	Dissolved Oxygen	Cond.	Turbidity	ORP	Color / Tint	Odor	
hh:mm	☒ gallons ☐ liters	☒ gpm ☐ L/min	☐ Temp. corrected?	☒ °C ☐ °F	mg/L	☐ SC ☐ EC ☒ µS/cm	NTUs	mV			
0418	0	—	7.20	20.2	1.57	1787	16.8	245	clear	No	
0423	14	2.8	7.18	20.0	1.50	1793	21.1	248	clear	No	
0429	28	2.3	7.20	20.0	1.48	1819	20.0	252	clear	No	
0436	42	2	7.22	19.7	1.44	1880	23.5	252	Clear	No	

Flow Cell Type:	NA	**DO Meter Model No.:**	YSI 55	**ORP Meter Model No.:**	Oakton 10

Conductivity: SC = Specific Conductance corrected for temperature (µS/cm at 25°C); EC = Electroconductivity not corrected for temperature (µS/cm).

SAMPLE DATA

Equipment Used:	☐ Grab ☒ Bailer ☐ Pump	**Description:**					**Sample Depth:**	41.66	
Field Sample ID	**Result Code**	**Date (m/d/yy)**	**Time (hh:mm)**	**Bottles**	**Filtered (0.45 µm)**	**Lab ID**	**Case ID**	**SDG ID**	**Remarks**
MW-13A	PO	3/16/16	0500	5-40 mL	NA	—	—	—	

Result Codes: PO, Primary Sample; D#, Duplicate Sample; S#, Split Sample; BF#, Field Blank; BR#, Equipment Rinsate; BT#, Trip Blank; SF#, Field Spike; (# = 1 to 9).
SDG = Sample Delivery Group.

Sampler's Name (Print)	Brian Johnson	**Signature**	B. Johnson
Date	3/16/16		

FIELD GROUND WATER SAMPLING REPORT

WELL ID:	MW-13B	Site:	AmeriPride - Los Angeles, CA	Date Gauged:	3/16/16
Sample Order:	9	Project Number:	57699	Date Sampled:	3/16/16
Sampled By:	B. Johnson	Weather:	Clear	Air Temperature:	58°

SITE DESCRIPTION

Well Locked:	□ Yes ☒ No	Well Diameter: (inches)	4"	TOC / MP Height:	.5 ☒ ft □ m □ Above Ground ☒ Below Ground
Well Damaged:	□ Yes ☒ No	TOC / MP Description:	☒ PVC □ Open	Site Remarks:	Added 1 bolt

TOC = Top of Casing; MP = Measuring Point.

WATER LEVEL DATA

Equipment Used:	☐ E-Tape ☐ Steel Tape ☒ Other Solinst	Measurement Units:	☒ Feet ☐ Meters	Total Well Depth:	91.47
	Pre-Purge initial	Purging Start	During Purging	Purging End	After Sampling
Time:	0410	0445	0455 / 0505	0515	0530
Depth to Water:	42.91	42.91	43.33 / 4389	44.40	43.21
Tape Correction:	—	—	—	—	—
Water Level:	—	—	—	—	—
Product Thickness:	—	—	—	—	—
Product Recovery:	—	—	—	—	—

PURGING

CASING VOLUME CALCULATION: 48.56 ft of water in casing X .67 gallons/foot = 32.5 total gallons / casing volume

Equipment Used:	□ Grab □ Bailer ☒ Pump	Description: Grundfos 2"		Purge Depth:	62'
Well Goes Dry While Purging:	□ Yes ☒ No		Total Volume Purged:	98	☒ gallons □ liters

FIELD WATER QUALITY DATA

Time (24-hr)	Amount Purged	Pumping Rate	pH	Temp.	Dissolved Oxygen	Cond.	Turbidity	ORP	Color / Tint	Odor	
hh:mm	☒ gallons ☐ liters	☒ gpm ☐ L/min	☐ Temp. corrected?	☒ °C ☐ °F	mg/L	☐ SC ☐ EC ☒ µS/cm	NTUs	mV			
0445	0	—	7.66	19.9	2.11	1344	17.2	262	clear	No	
0455	33	3.3	7.62	20.0	2.04	1307	19.3	257	clear	No	
0505	66	3.3	7.56	20.2	2.05	1294	21.9	252	clear	No	
0515	98	3.3	7.53	20.4	2.02	1261	18.5	254	clear	No	

Flow Cell Type:	NA	DO Meter Model No.:	YSI 55	ORP Meter Model No.:	Oakton 10

Conductivity: SC = Specific Conductance corrected for temperature (µS/cm at 25°C); EC = Electroconductivity not corrected for temperature (µS/cm).

SAMPLE DATA

Equipment Used:	☐ Grab ☒ Bailer ☐ Pump	Description:		Sample Depth:	43.21

Field Sample ID	Result Code	Date (m/d/yy)	Time (hh:mm)	Bottles	Filtered (0.45 µm)	Lab ID	Case ID	SDG ID	Remarks
MW-13B	PO	3/16/16	0530	5-40mL	N/A	—	—	—	
DUP-2	DUP	3/16/16	—	5-40mL	N/A	—	—	—	

Result Codes: PO, Primary Sample; D#, Duplicate Sample; S#, Split Sample; BF#, Field Blank; BR#, Equipment Rinsate; BT#, Trip Blank; SF#, Field Spike; (# = 1 to 9).
SDG = Sample Delivery Group.

Sampler's Name (Print)	Brian Johnson	Signature		Date	3/16/16

FIELD GROUND WATER SAMPLING REPORT

WELL ID:	MW-14	**Site:**	AmeriPride - Los Angeles, CA	**Date Gauged:**	3 16 16
Sample Order:	10	**Project Number:**	57699	**Date Sampled:**	3 16 16
Sampled By:	B. Johnson	**Weather:**	clear	**Air Temperature:**	60

SITE DESCRIPTION

Well Locked:	☑ Yes ☐ No	**Well Diameter: (inches)**	4"	**TOC / MP Height:**	2.5 ☑ ft ☐ m ☐ Above Ground ☑ Below Ground
Well Damaged:	☐ Yes ☑ No	**TOC / MP Description:**	☑ PVC ☐ Open	**Site Remarks:**	

TOC = Top of Casing; MP = Measuring Point.

WATER LEVEL DATA

Equipment Used:	☐ E-Tape ☐ Steel Tape ☑ Other Solinst	**Measurement Units:**	☑ Feet ☐ Meters	**Total Well Depth:**	52.76
	Pre-Purge Initial	**Purging Start**	**During Purging**	**Purging End**	**After Sampling**
Time:	0557	0602	0607 / 0613	0620	0635
Depth to Water:	39.92	39.92	40.54 / 41.70	43.17	40.36
Tape Correction:	—	—	—	—	—
Water Level:	—	—	—	—	—
Product Thickness:	—	—	—	—	—
Product Recovery:	—	—	—	—	—

PURGING

CASING VOLUME CALCULATION: 12.84 ft of water in casing X .67 gallons/foot = 8.6 total gallons / casing volume

Equipment Used:	☐ Grab ☐ Bailer ☑ Pump Description: Grundfos 2"			**Purge Depth:**	49'
Well Goes Dry While Purging:	☐ Yes ☑ No			**Total Volume Purged:**	26 ☑ gallons ☐ liters

FIELD WATER QUALITY DATA

Time (24-hr)	Amount Purged	Pumping Rate	pH	Temp.	Dissolved Oxygen	Cond.	Turbidity	ORP	Color / Tint	Odor	
hh:mm	☑ gallons ☐ liters	☑ gpm ☐ L/min	☐ Temp. corrected?	☑ °C ☐ °F	mg/L	☐ SC ☐ EC ☑ µS/cm	NTUs	mV			
0602	0	—	7.14	20.4	1.76	1114	31.4	195	clear	No	
0607	9	1.8	7.11	20.5	1.72	1197	46.2	199	clear	No	
0613	18	1.5	7.09	20.8	1.69	1214	81.9	202	clear	No	
0620	26	1.1	7.08	21.1	1.66	1240	112	204	clear	No	

Flow Cell Type:	N/A	**DO Meter Model No.:**	YSI 55
ORP Meter Model No.:	Oakton 10		

Conductivity: SC = Specific Conductance corrected for temperature (µS/cm at 25°C); EC = Electroconductivity not corrected for temperature (µS/cm).

SAMPLE DATA

Equipment Used:	☐ Grab ☑ Bailer ☐ Pump Description:						**Sample Depth:**	40.36	
Field Sample ID	**Result Code**	**Date (m/d/yy)**	**Time (hh:mm)**	**Bottles**	**Filtered (0.45 µm)**	**Lab ID**	**Case ID**	**SDG ID**	**Remarks**
MW-14	PO	3/16/16	0635	5-40mL	N/A	—	—	—	

Result Codes: PO, Primary Sample; D#, Duplicate Sample; S#, Split Sample; BF#, Field Blank; BR#, Equipment Rinsate; BT#, Trip Blank; SF#, Field Spike; (# = 1 to 9).
SDG = Sample Delivery Group.

Sampler's Name (Print)	Brian Johnson	**Signature**	B. J.	**Date**	3 16 16

FIELD GROUND WATER SAMPLING REPORT

WELL ID:	MW-15	**Site:**	AmeriPride - Los Angeles, CA	**Date Gauged:**	3/16/16
Sample Order:	11	**Project Number:**	57699	**Date Sampled:**	3/16/16
Sampled By:	B. Johnson	**Weather:**	Clear	**Air Temperature:**	62°

SITE DESCRIPTION

Well Locked:	☑ Yes ☐ No	**Well Diameter: (inches)**	4"	**TOC / MP Height:**	.5 ☑ ft ☐ m ☐ Above Ground ☑ Below Ground
Well Damaged:	☐ Yes ☑ No	**TOC / MP Description:**	☑ PVC ☐ Open	**Site Remarks:**	

TOC = Top of Casing; MP = Measuring Point

WATER LEVEL DATA

Equipment Used:	☐ E-Tape ☐ Steel Tape ☑ Other Solinst	**Measurement Units:**	☑ Feet ☐ Meters	**Total Well Depth:**	54.84
	Pre-Purge Initial	**Purging Start**	**During Purging**	**Purging End**	**After Sampling**
Time:	0655	0701	0708 / 0716	0725	0740
Depth to Water:	39.57	39.57	39.91 / 40.43	40.98	39.88
Tape Correction:	—	—	—	—	—
Water Level:	—	—	—	—	—
Product Thickness:	—	—	—	—	—
Product Recovery:	—	—	—	—	—

PURGING

CASING VOLUME CALCULATION: 15.27 ft of water in casing X .67 gallons/foot = 10 total gallons / casing volume

Equipment Used:	☐ Grab ☐ Bailer ☑ Pump Description: Grundfos 2"			**Purge Depth:**	51'
Well Goes Dry While Purging:	☐ Yes ☑ No		**Total Volume Purged:**	31	☑ gallons ☐ liters

FIELD WATER QUALITY DATA

Time (24-hr)	Amount Purged	Pumping Rate	pH	Temp.	Dissolved Oxygen	Cond.	Turbidity	ORP	Color / Tint	Odor	
hh:mm	☑ gallons ☐ liters	☑ gpm ☐ L/min	☐ Temp. corrected?	☑ °C ☐ °F	mg/L	☐ SC ☐ EC ☑ µS/cm	NTUs	mV			
0701	0	—	7.15	20.7	1.96	1477	21.1	213	clear	No	
0708	10	1.4	7.07	20.8	1.89	1416	19.8	207	clear	No	
0716	20	1.25	7.03	21.1	1.85	1390	24.5	202	clear	No	
0725	31	1.2	7.00	21.0	1.82	1361	27.1	200	clear	No	

Flow Cell Type:	N/A	**DO Meter Model No.:**	YSI 55	**ORP Meter Model No.:**	Oakton 10

Conductivity: SC = Specific Conductance corrected for temperature (µS/cm at 25°C); EC = Electroconductivity not corrected for temperature (µS/cm).

SAMPLE DATA

Equipment Used:	☐ Grab ☑ Bailer ☐ Pump Description:							**Sample Depth:**	39.88
Field Sample ID	**Result Code**	**Date (m/d/yy)**	**Time (hh:mm)**	**Bottles**	**Filtered (0.45 µm)**	**Lab ID**	**Case ID**	**SDG ID**	**Remarks**
MW-15	PO	3/16/16	0740	5-40mL	N/A	—	—	—	

Result Codes: PO, Primary Sample; D#, Duplicate Sample; S#, Split Sample; BF#, Field Blank; BR#, Equipment Rinsate; BT#, Trip Blank; SF#, Field Spike; (# = 1 to 9).
SDG = Sample Delivery Group.

Sampler's Name (Print)	Brian Johnson	**Signature**		**Date**	3/16/16

FIELD GROUND WATER SAMPLING REPORT

WELL ID:	MW-3	**Site:**	AmeriPride - Los Angeles, CA	**Date Gauged:**	3 | 15 | 16
Sample Order:	12	**Project Number:**	57699	**Date Sampled:**	3 | 16 | 16
Sampled By:	B. Johnson	**Weather:**	Clear	**Air Temperature:**	72°

SITE DESCRIPTION

Well Locked:	☐ Yes ☒ No	**Well Diameter: (inches)**	4"	**TOC / MP Height:**	2.5 ☒ ft ☐ m ☒ Above Ground ☐ Below Ground
Well Damaged:	☐ Yes ☒ No	**TOC / MP Description:**	☒ PVC ☐ Open	**Site Remarks:**	

TOC = Top of Casing; MP = Measuring Point.

WATER LEVEL DATA

Equipment Used:	☐ E-Tape ☐ Steel Tape ☒ Other Solinst	**Measurement Units:**	☒ Feet ☐ Meters	**Total Well Depth:**	70.06
	Pre-Purge Initial	**Purging Start**	**During Purging**	**Purging End**	**After Sampling**
Time:	1210	0842	0856 / 0899	0909	0926
Depth to Water:	37.64	37.64	38.11 / 38.86	39.94	38.36
Tape Correction:	—	—	—	—	—
Water Level:	—	—	—	—	—
Product Thickness:	—	—	—	—	—
Product Recovery:	—	—	—	—	—

PURGING

CASING VOLUME CALCULATION: 32.42 ft of water in casing X .67 gallons/foot = 21.7 total gallons / casing volume

Equipment Used:	☐ Grab ☐ Bailer ☒ Pump	**Description:**	Grundfos 2"	**Purge Depth:**	62'
Well Goes Dry While Purging:	☐ Yes ☒ No	**Total Volume Purged:**	65 ☒ gallons ☐ liters		

FIELD WATER QUALITY DATA

Time (24-hr)	Amount Purged	Pumping Rate	pH	Temp.	Dissolved Oxygen	Cond.	Turbidity	ORP	Color / Tint	Odor	
hh:mm	☒ gallons ☐ liters	☒ gpm ☐ L/min	☐ Temp. corrected?	☒ °C ☐ °F	mg/L	☐ SC ☐ EC ☒ µS/cm	NTUs	mV			
0842	0	—	6.89	21.4	1.69	1350	26.6	199	Clear	No	
0850	22	2.75	6.82	21.7	1.72	1395	23.9	208	Clear	No	
0859	44	2.4	6.78	21.9	1.75	1335	24.5	211	Clear	No	
0909	65	2.1	6.75	21.4	1.74	1321	22.2	215	Clear	No	

Flow Cell Type:	N/A	**DO Meter Model No.:**	YSI 55	**ORP Meter Model No.:**	Oakton 10

Conductivity: SC = Specific Conductance corrected for temperature (µS/cm at 25°C); EC = Electroconductivity not corrected for temperature (µS/cm).

SAMPLE DATA

Equipment Used:	☐ Grab ☒ Bailer ☐ Pump	**Description:**					**Sample Depth:**	38.36	
Field Sample ID	**Result Code**	**Date (m/d/yy)**	**Time (hh:mm)**	**Bottles**	**Filtered (0.45 µm)**	**Lab ID**	**Case ID**	**SDG ID**	**Remarks**
MW-3	PO	3/16/16	0926	5-40mL	N/A	—	—	—	

Result Codes: PO, Primary Sample; D#, Duplicate Sample; S#, Split Sample; BF#, Field Blank; BR#, Equipment Rinsate; BT#, Trip Blank; SF#, Field Spike; (# = 1 to 9).
SDG = Sample Delivery Group.

Sampler's Name (Print)	Brian Johnson	**Signature**	B. Johnson
Date	3 | 16 | 16		

FIELD GROUND WATER SAMPLING REPORT

WELL ID:	MW-12	**Site:**	AmeriPride - Los Angeles, CA	**Date Gauged:**	3 | 15 | 16
Sample Order:	13	**Project Number:**	57699	**Date Sampled:**	3 | 16 | 16
Sampled By:	B. Johnson	**Weather:**	Clear	**Air Temperature:**	74°

SITE DESCRIPTION

Well Locked:	☑ Yes ☐ No	**Well Diameter: (inches)**	4"	**TOC / MP Height:**	3 ☑ ft ☐ m ☑ Above Ground ☐ Below Ground
Well Damaged:	☐ Yes ☑ No	**TOC / MP Description:**	☑ PVC ☐ Open	**Site Remarks:**	Root in well

TOC = Top of Casing; MP = Measuring Point.

WATER LEVEL DATA

Equipment Used:	☐ E-Tape ☐ Steel Tape ☑ Other Solinst	**Measurement Units:**	☑ Feet ☐ Meters	**Total Well Depth:**	49.04
	Pre-Purge Initial	**Purging Start**	**During Purging**	**Purging End**	**After Sampling**
Time:	1219	0950	0954 / 0958	1003	1020
Depth to Water:	39.11	39.11	39.79 / 40.54	41.88	39.76
Tape Correction:	—	—	—	—	—
Water Level:	—	—	—	—	—
Product Thickness:	—	—	—	—	—
Product Recovery:	—	—	—	—	—

PURGING

CASING VOLUME CALCULATION: 9.93 ft of water in casing X .67 gallons/foot = 6.65 total gallons / casing volume

Equipment Used:	☐ Grab ☐ Bailer ☑ Pump	**Description:**	Grundfos 2"	**Purge Depth:**	46'
Well Goes Dry While Purging:	☐ Yes ☑ No	**Total Volume Purged:**	20 ☑ gallons ☐ liters		

FIELD WATER QUALITY DATA

Time (24-hr)	Amount Purged	Pumping Rate	pH	Temp.	Dissolved Oxygen	Cond.	Turbidity	ORP	Color / Tint	Odor	
hh:mm	☑ gallons ☐ liters	☑ gpm ☐ L/min	☐ Temp. corrected?	☑ °C ☐ °F	mg/L	☐ SC ☐ EC ☑ µS/cm	NTUs	mV			
0950	0	—	6.84	22.1	1.41	1174	29.1	213	Clear	No	
0954	7	1.75	6.77	22.4	1.46	1408	56.7	216	Clear	No	
0958	14	1.75	6.72	22.5	1.52	1527	84.4	221	Clear	No	
1003	20	1.2	6.66	22.4	1.55	1453	130	222	Clear	No	

Flow Cell Type:	N/A	**DO Meter Model No.:**	YSI 55
ORP Meter Model No.:	Oakton 10		

Conductivity: SC = Specific Conductance corrected for temperature (µS/cm at 25°C); EC = Electroconductivity not corrected for temperature (µS/cm).

SAMPLE DATA

Equipment Used:	☐ Grab ☑ Bailer ☐ Pump	**Description:**					**Sample Depth:**	39.76	
Field Sample ID	**Result Code**	**Date (m/d/yy)**	**Time (hh:mm)**	**Bottles**	**Filtered (0.45 µm)**	**Lab ID**	**Case ID**	**SDG ID**	**Remarks**
MW-12	PO	3/16/16	1020	5-40mL	N/A	—	—	—	

Result Codes: PO, Primary Sample; D#, Duplicate Sample; S#, Split Sample; BF#, Field Blank; BR#, Equipment Rinsate; BT#, Trip Blank; SF#, Field Spike; (# = 1 to 9).
SDG = Sample Delivery Group.

Sampler's Name (Print)	Brian Johnson	**Signature**	B. J.	**Date**	3 | 16 | 16

FIELD GROUND WATER SAMPLING REPORT

WELL ID:	MW-11	**Site:**	AmeriPride - Los Angeles, CA	**Date Gauged:**	3/15/16
Sample Order:	14	**Project Number:**	57699	**Date Sampled:**	3/16/16
Sampled By:	B. Johnson	**Weather:**	clear	**Air Temperature:**	78°

SITE DESCRIPTION

Well Locked:	☑ Yes ☐ No	**Well Diameter: (inches)**	4"	**TOC / MP Height:**	4 ☑ ft ☐ m ☑ Above Ground ☐ Below Ground
Well Damaged:	☐ Yes ☑ No	**TOC / MP Description:**	☑ PVC ☐ Open	**Site Remarks:**	

TOC = Top of Casing; MP = Measuring Point.

WATER LEVEL DATA

Equipment Used:	☐ E-Tape ☐ Steel Tape ☑ Other Solinst	**Measurement Units:**	☑ Feet ☐ Meters	**Total Well Depth:**	56.58
	Pre-Purge Initial	**Purging Start**	**During Purging**	**Purging End**	**After Sampling**
Time:	1232 26	1104	1112 / 1121	1131	1146
Depth to Water:	39.29	39.28	39.98 / 40.57	41.24	39.80
Tape Correction:	—	—	—	—	—
Water Level:	—	—	—	—	—
Product Thickness:	—	—	—	—	—
Product Recovery:	—	—	—	—	—

PURGING

CASING VOLUME CALCULATION: 17.3 ft of water in casing X .67 gallons/foot = 11.59 total gallons / casing volume

Equipment Used:	☐ Grab ☐ Bailer ☑ Pump	**Description:**	Grundfos 2"	**Purge Depth:**	53'
Well Goes Dry While Purging:	☐ Yes ☑ No	**Total Volume Purged:**	35	☑ gallons ☐ liters	

FIELD WATER QUALITY DATA

Time (24-hr)	Amount Purged	Pumping Rate	pH	Temp.	Dissolved Oxygen	Cond.	Turbidity	ORP	Color / Tint	Odor	
hh:mm	☑ gallons ☐ liters	☑ gpm ☐ L/min	☐ Temp. corrected?	☑ °C ☐ °F	mg/L	☐ SC ☐ EC ☑ µS/cm	NTUs	mV			
1104	0	—	6.71	22.7	1.45	1381	16.7	166	clear	No	
1117	12	1.5	6.702	22.9	1.51	1276	19.3	171	Clear	No	
1121	24	1.3	6.69	22.7	1.56	1170	22.1	175	Clear	No	
1131	35	1	6.66	22.7	1.56	1224	24.2	179	clear	No	

Flow Cell Type:	NA	**DO Meter Model No.:**	YSI 55	**ORP Meter Model No.:**	Oakton 10

Conductivity: SC = Specific Conductance corrected for temperature (µS/cm at 25°C); EC = Electroconductivity not corrected for temperature (µS/cm).

SAMPLE DATA

Equipment Used:	☐ Grab ☑ Bailer ☐ Pump	**Description:**		**Sample Depth:**	39.80

Field Sample ID	Result Code	Date (m/d/yy)	Time (hh:mm)	Bottles	Filtered (0.45 µm)	Lab ID	Case ID	SDG ID	Remarks
MW-11	PO	3/16/16	1146	5-40mL	NA	—	—	—	

Result Codes: PO, Primary Sample; D#, Duplicate Sample; S#, Split Sample; BF#, Field Blank; BR#, Equipment Rinsate; BT#, Trip Blank; SF#, Field Spike; (# = 1 to 9).
SDG = Sample Delivery Group.

Sampler's Name (Print)	Brian Johnson	**Signature**	B. Johnson	**Date**	3/16/16

FIELD GROUND WATER SAMPLING REPORT

WELL ID:	MW-16A	Site:	AmeriPride - Los Angeles, CA	Date Gauged:	3/15/16
Sample Order:	15	Project Number:	57699	Date Sampled:	3/16/16
Sampled By:	B. Johnson	Weather:	Clear	Air Temperature:	78°

SITE DESCRIPTION

Well Locked:	☒ Yes ☐ No	Well Diameter: (inches)	4"	TOC / MP Height:	2 ☒ ft ☐ m ☒ Above Ground ☐ Below Ground
Well Damaged:	☐ Yes ☒ No	TOC / MP Description:	☒ PVC ☐ Open	Site Remarks:	

TOC = Top of Casing; MP = Measuring Point.

WATER LEVEL DATA

Equipment Used:	☐ E-Tape ☐ Steel Tape ☒ Other Solinst	Measurement Units:	☒ Feet ☐ Meters	Total Well Depth:	45.34
	Pre-Purge Initial	Purging Start	During Purging	Purging End	After Sampling
Time:	1231	1159	1203 / 1208	1214	1232
Depth to Water:	36.79	36.79	37.41 / 38.54	40.19	37.53
Tape Correction:	—	—	—	—	—
Water Level:	—	—	—	—	—
Product Thickness:	—	—	—	—	—
Product Recovery:	—	—	—	—	—

PURGING

CASING VOLUME CALCULATION: 8.55 ft of water in casing X .67 gallons/foot = 5.7 total gallons / casing volume

Equipment Used:	☐ Grab ☐ Bailer ☒ Pump Description: Grundfos 2"	Purge Depth:	44'
Well Goes Dry While Purging:	☐ Yes ☒ No	Total Volume Purged:	17 ☒ gallons ☐ liters

FIELD WATER QUALITY DATA

Time (24-hr)	Amount Purged	Pumping Rate	pH	Temp.	Dissolved Oxygen	Cond.	Turbidity	ORP	Color / Tint	Odor	
hh:mm	☒ gallons ☐ liters	☒ gpm ☐ L/min	☐ Temp. corrected?	☒ °C ☐ °F	mg/L	☐ SC ☐ EC ☒ µS/cm	NTUs	mV			
1159	0	—	7.37	22.9	1.61	1720	747	205	Cloudy	NO	
1203	6	1.5	7.33	22.8	1.64	1672	90.3	211	Clear	NO	
1208	12	1.2	7.26	22.7	1.67	1527	46.2	219	Clear	NO	
1214	17	1	7.24	22.9	1.66	1518	49.5	218	Clear	No	

Flow Cell Type:	N/A	DO Meter Model No.:	YSI 55	ORP Meter Model No.:	Oakton 10

nductivity: SC = Specific Conductance corrected for temperature (µS/cm at 25°C); EC = Electroconductivity not corrected for temperature (µS/cm).

SAMPLE DATA

Equipment Used:	☐ Grab ☒ Bailer ☐ Pump Description:						Sample Depth:	37.53	
Field Sample ID	Result Code	Date (m/d/yy)	Time (hh:mm)	Bottles	Filtered (0.45 µm)	Lab ID	Case ID	SDG ID	Remarks
MW-16A	PO	3/16/16	1232	5-40mL	N/A	—	—	—	

ult Codes: PO, Primary Sample; D#, Duplicate Sample; S#, Split Sample; BF#, Field Blank; BR#, Equipment Rinsate; BT#, Trip Blank; SF#, Field Spike; (# = 1 to 9).
= Sample Delivery Group.

mpler's Name int)	Brian Johnson	Signature		Date	3/16/16

APPENDIX C

NON-HAZARDOUS WATER TRANSPORT FORM

NON-HAZARDOUS WATER TRANSPORT FORM

GENERATOR

Name: Ameripride
Address: 3505 Pasadena Ave
Los Angeles, CA
Phone:

CUSTOMER

Name: Doulos Environmental, Inc.
Address: P. O. Box 2559
Orangevale, CA 95662
Phone: 916-990-0333

DESCRIPTION

Description of Water : Purge water from Monitoring Wells

Volume/Weight: 500 Units: gallons Container(s): Poly tank

This non-hazardous waste water is monitoring well purge water, auger rinsate, sampling equipment rinsate, tank rinsate, combination thereof, or as described above. Described water may contain dissolved hydrocarbons. I certify that the above named material has been properly described and classified according to applicable regulations, and possesses no characteristics hat would require its handling as hazardous waste.

Generator/Authorized Agent: Hal Hansen (Print) Hal Hansen (Sign) 6/29/16 (Date)

TRANSPORTER

Name: Doulos Environmental
Address: P. O. Box 2559
Orangevale, CA 95662
Phone: 916-990-0333

Job No:
Pick-up Date:
Truck ID:
Driver: (Sign) Date 7-5-16

DISPOSAL FACILITY

Name: Inviro-tec Disposal
Address: 2480 Athens Ave
Lincoln, CA

Quantity: 500
Units: gallons
Disposal Method:

Received by: Trevor Burnett (Print) (Sign) 7/5/16 (Date)

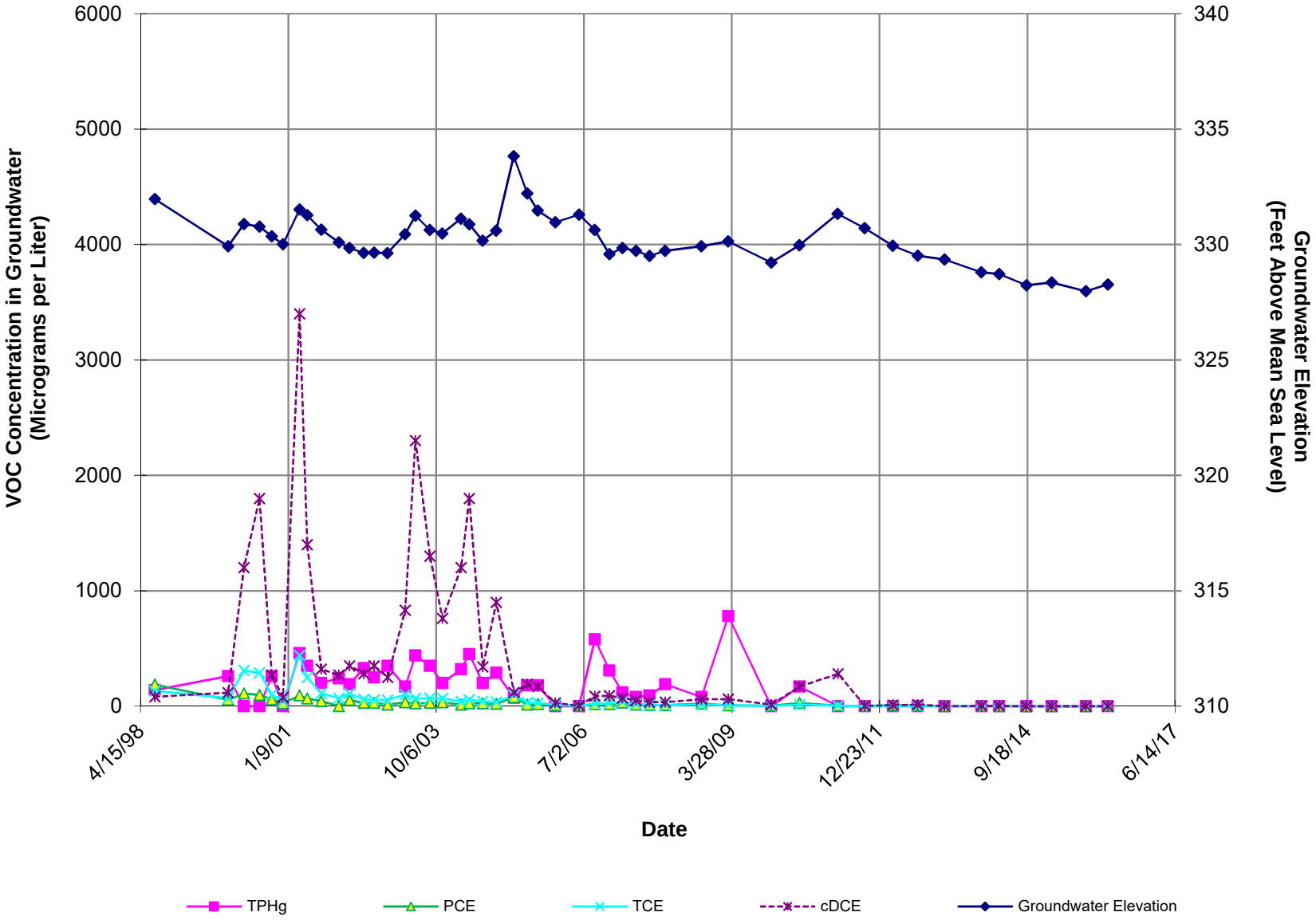
APPENDIX D

GROUNDWATER CONCENTRATION TREND GRAPHS/HYDROGRAPHS

K-1

VOC Concentration and Hydrograph vs. Time

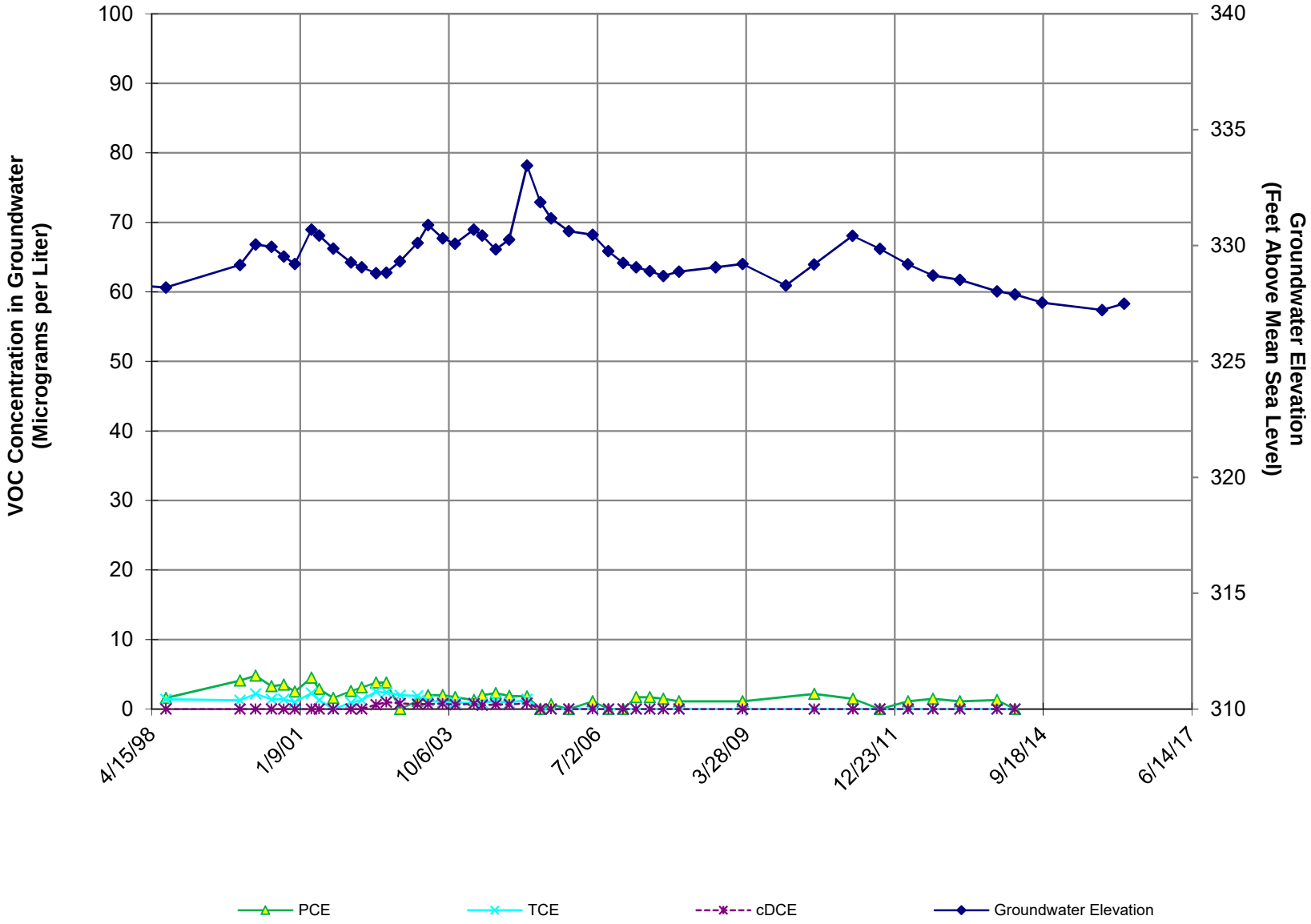
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California



MW-2

VOC Concentration and Hydrograph vs. Time

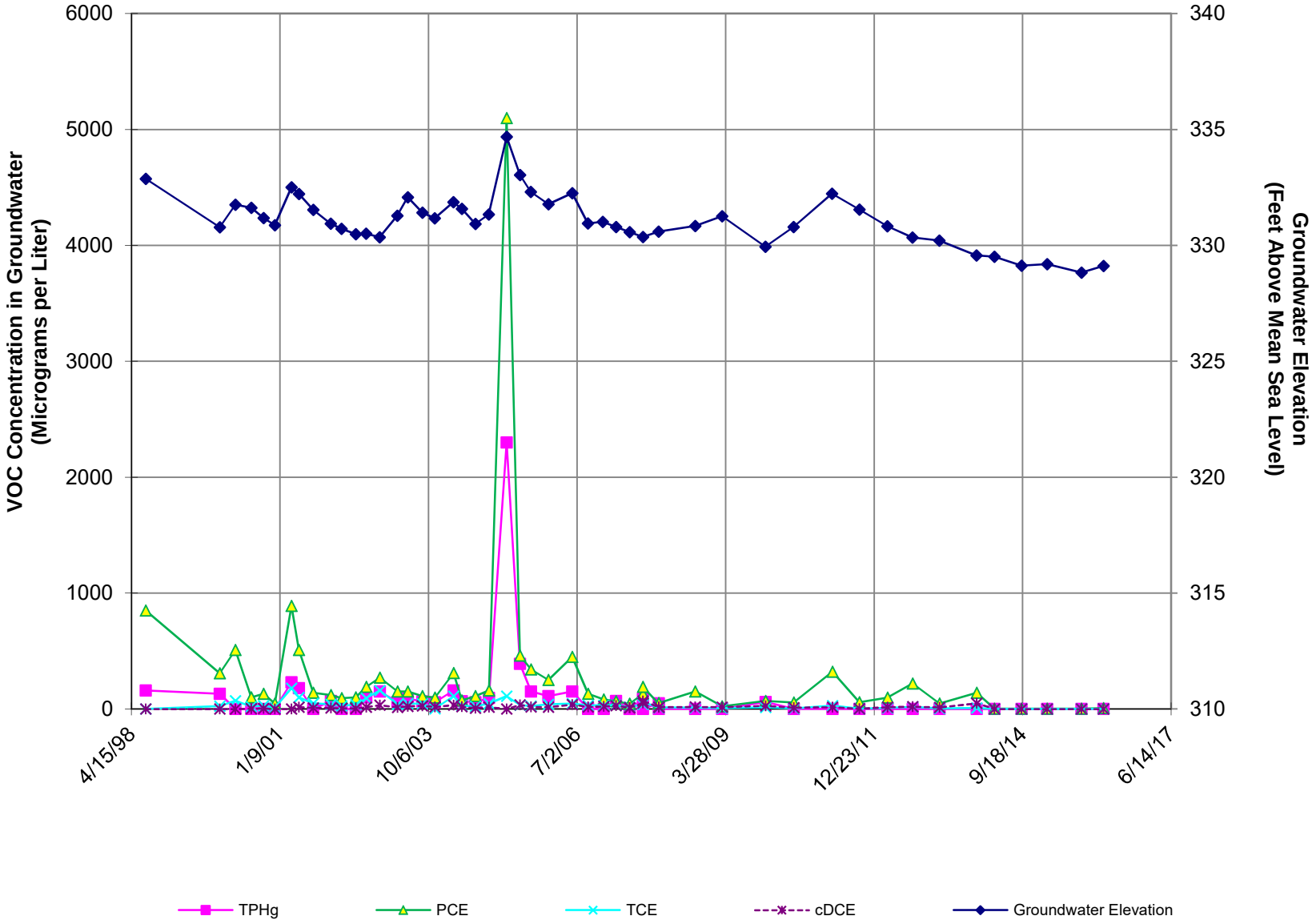
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California



MW-3

VOC Concentration and Hydrograph vs. Time

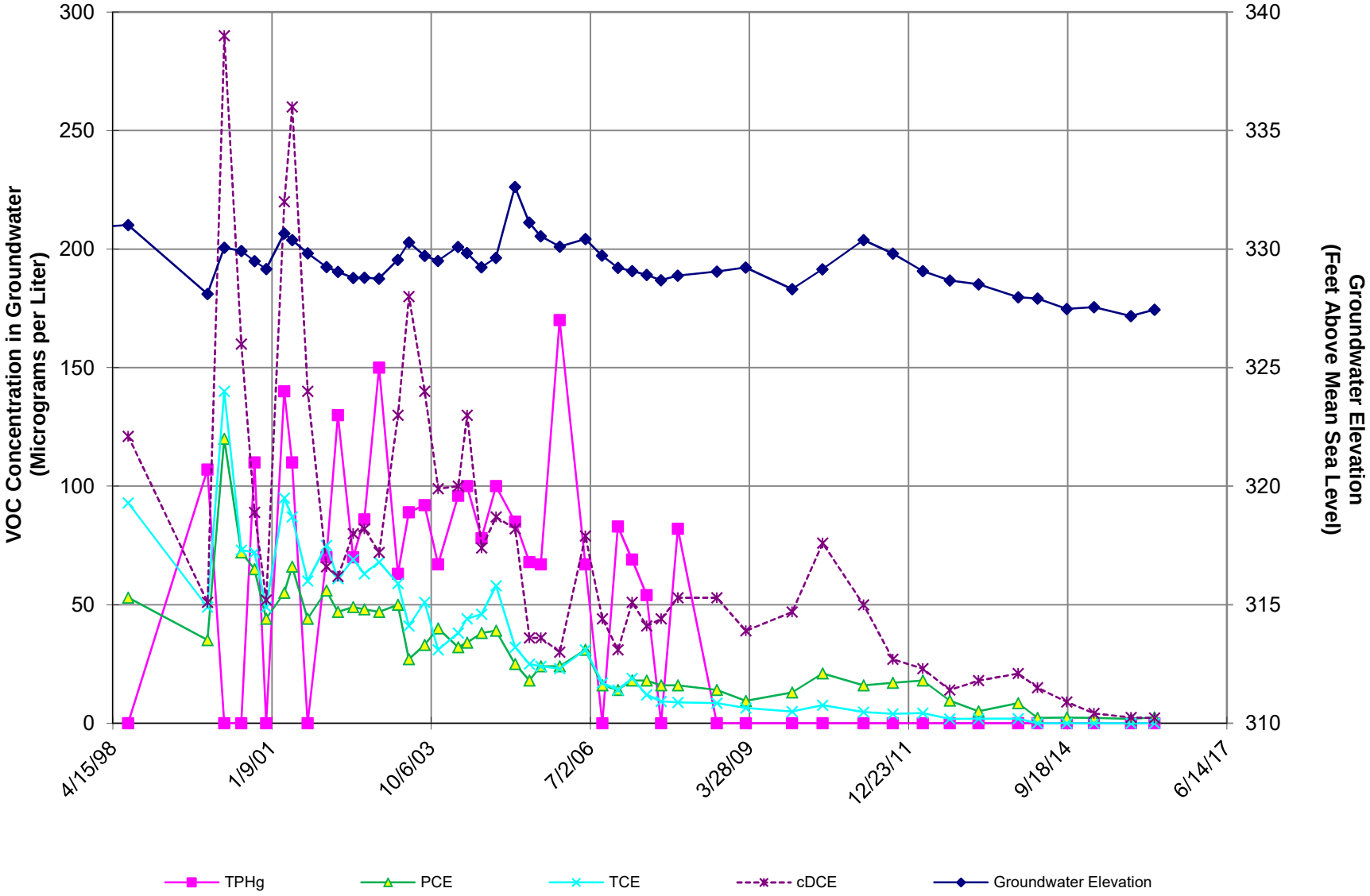
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California



MW-7

VOC Concentration and Hydrograph vs. Time

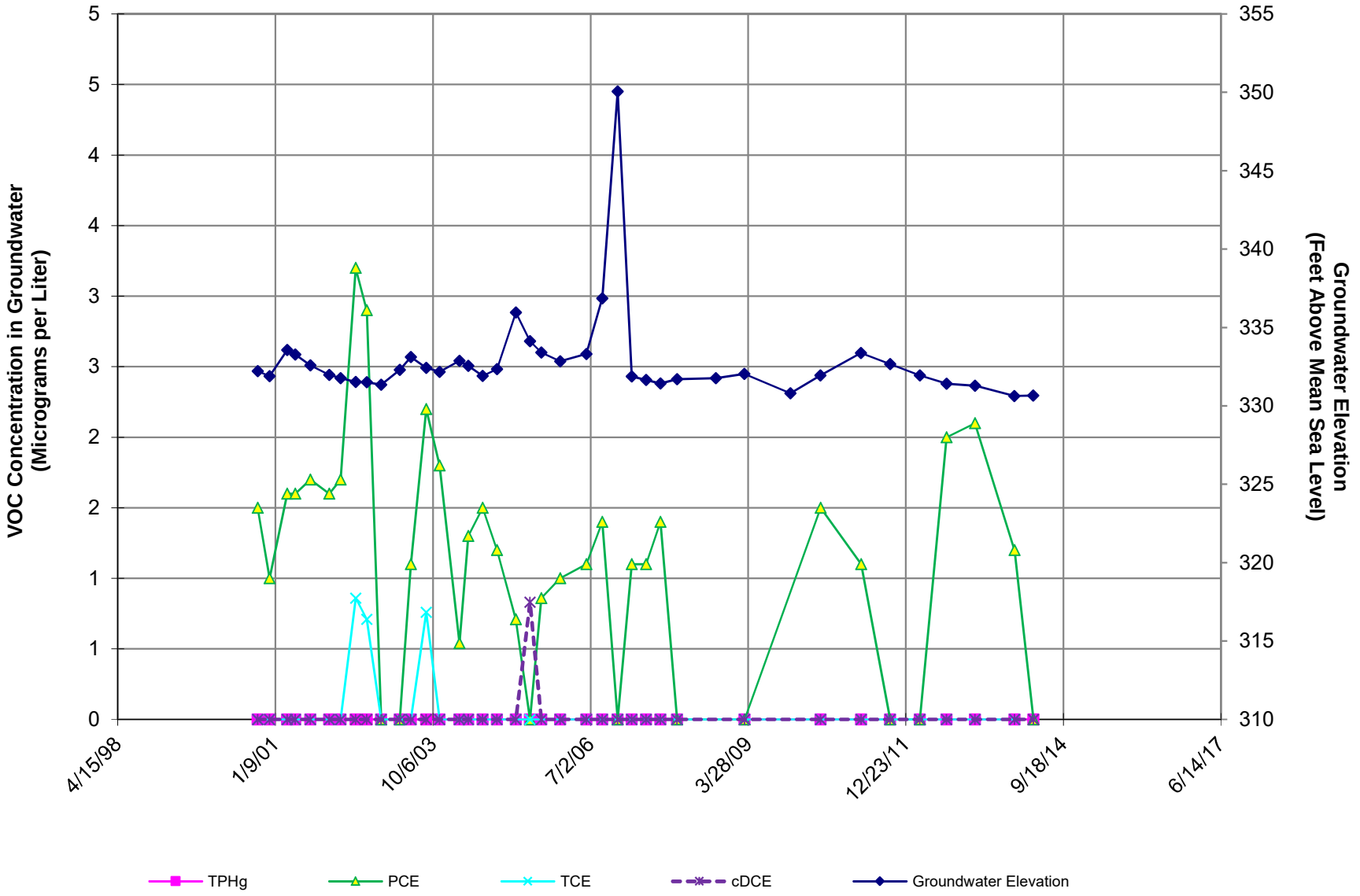
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California



MW-8A

VOC Concentration and Hydrograph vs. Time

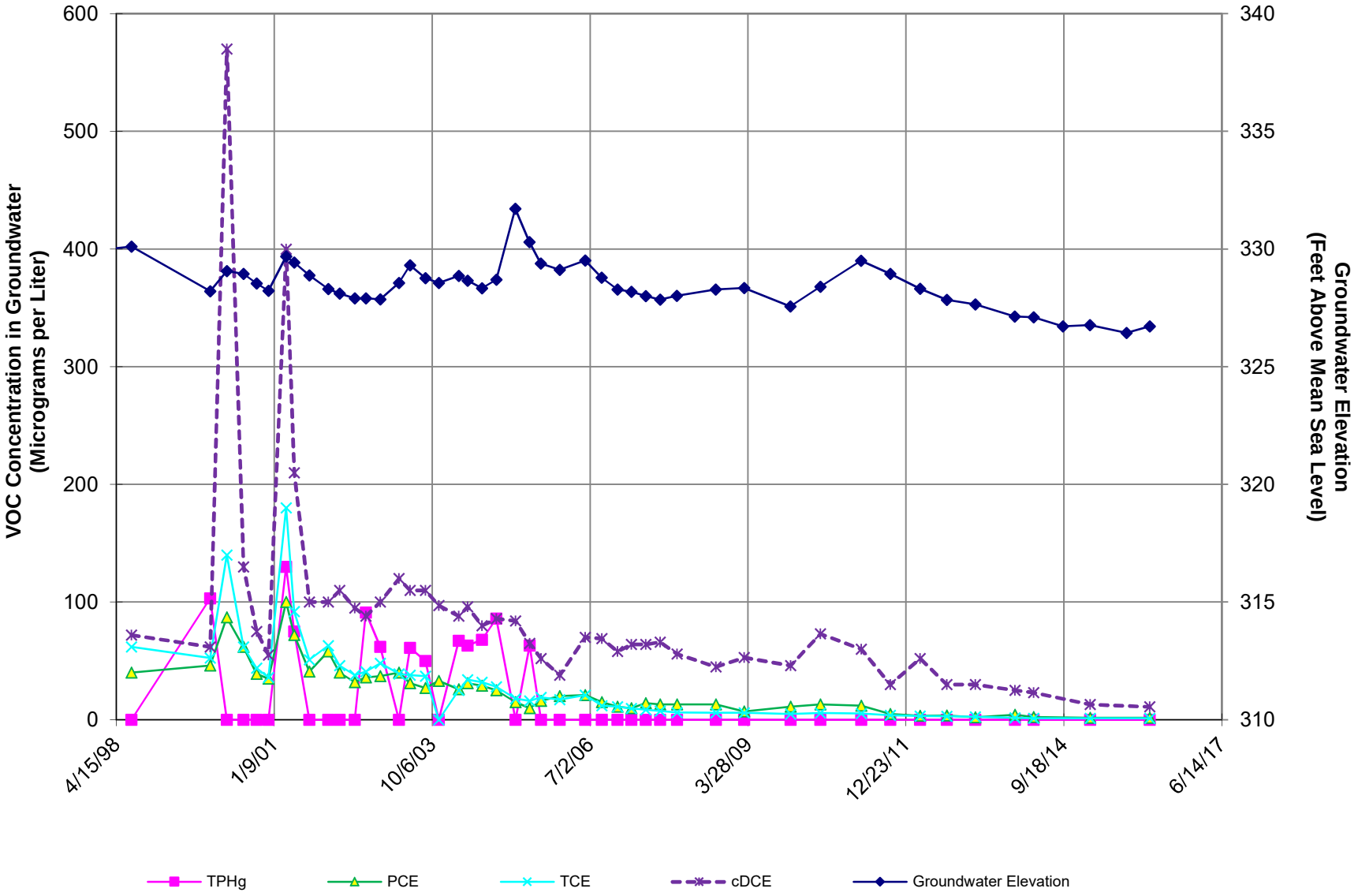
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California



MW-9A

VOC Concentration and Hydrograph vs. Time

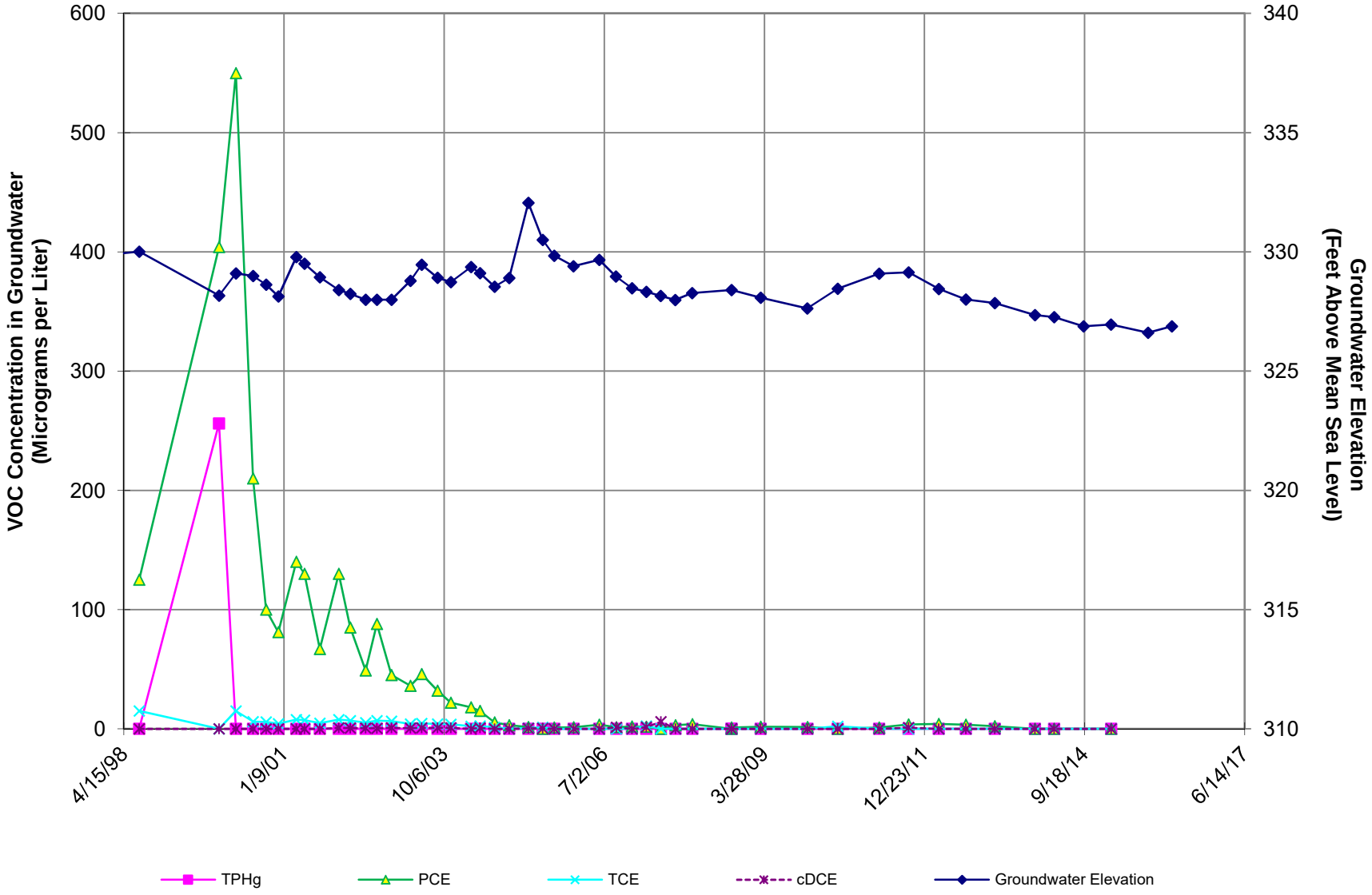
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California



MW-9B

VOC Concentration and Hydrograph vs. Time

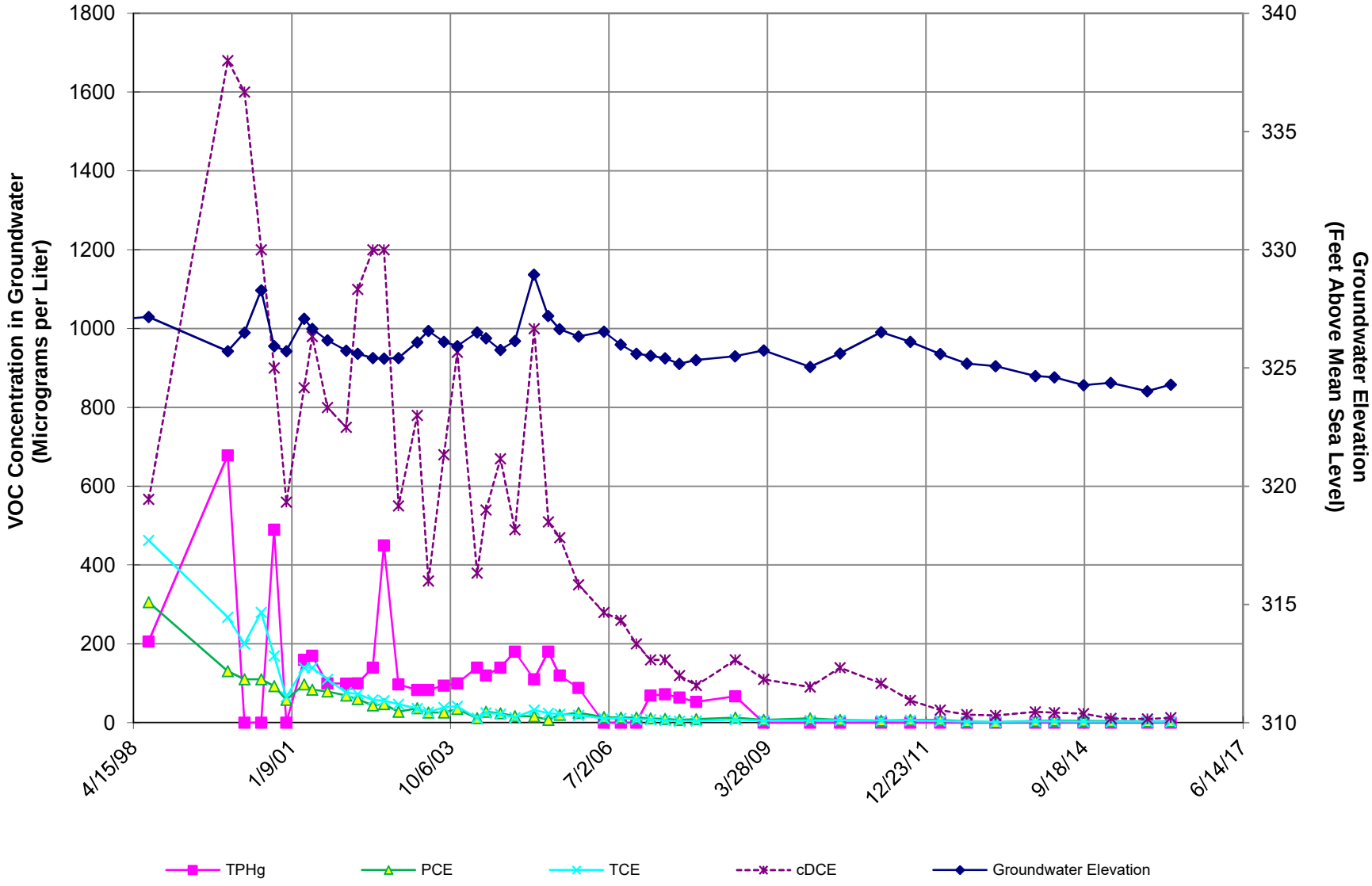
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California



MW-10A

VOC Concentration and Hydrograph vs. Time

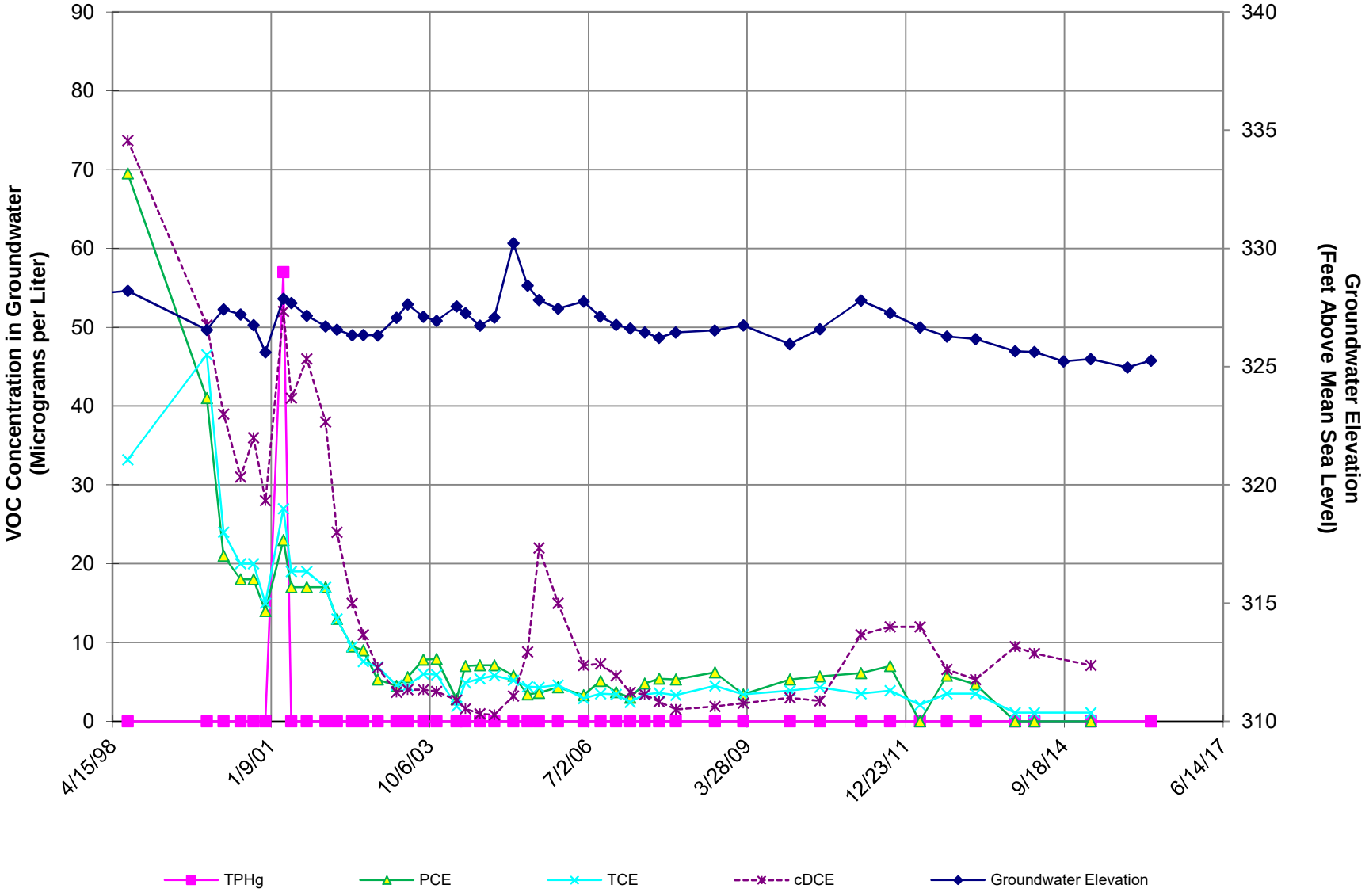
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California



MW-10B

VOC Concentration and Hydrograph vs. Time

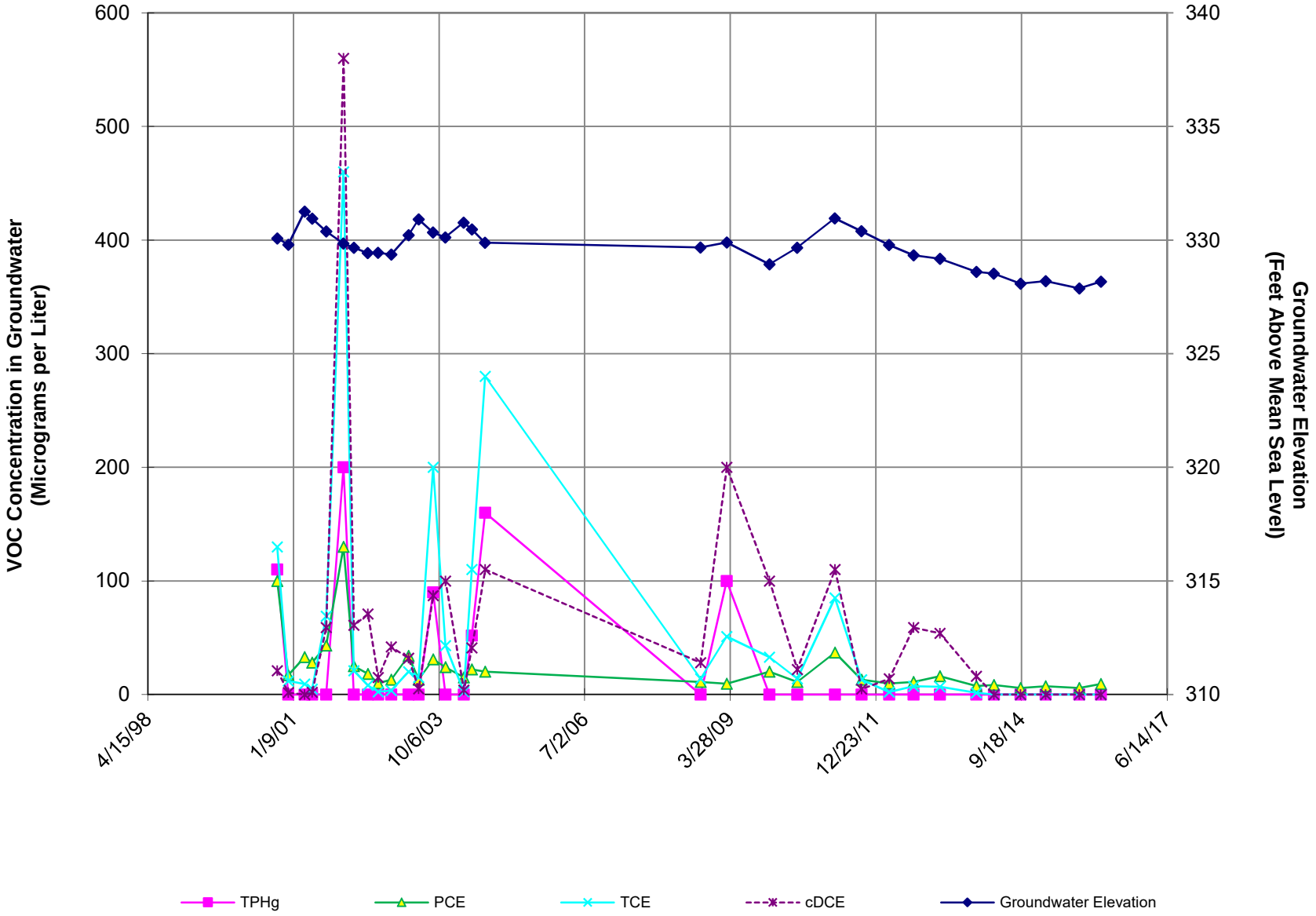
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California



MW-11

VOC Concentration and Hydrograph vs. Time

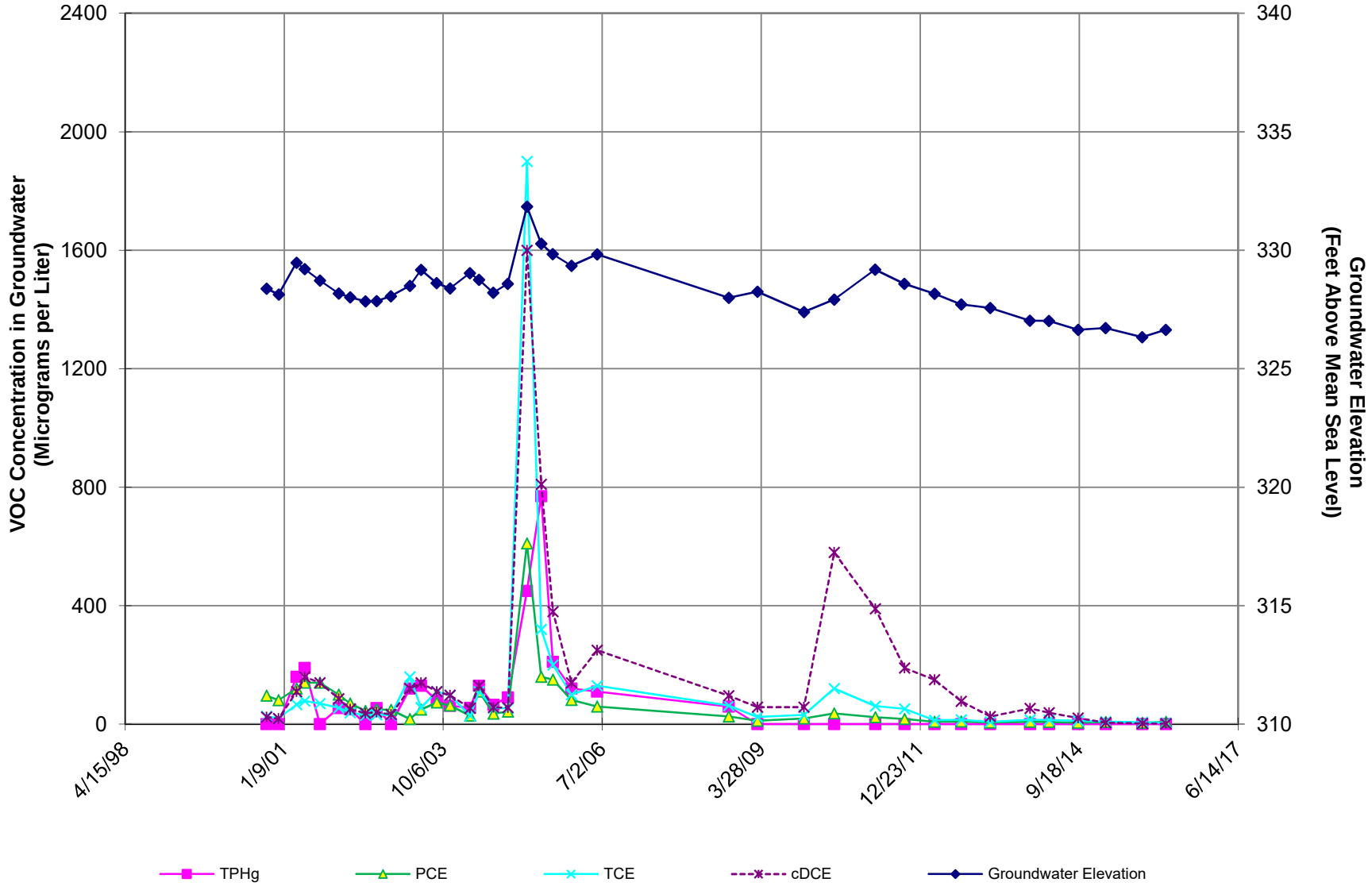
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California



MW-12

VOC Concentration and Hydrograph vs. Time

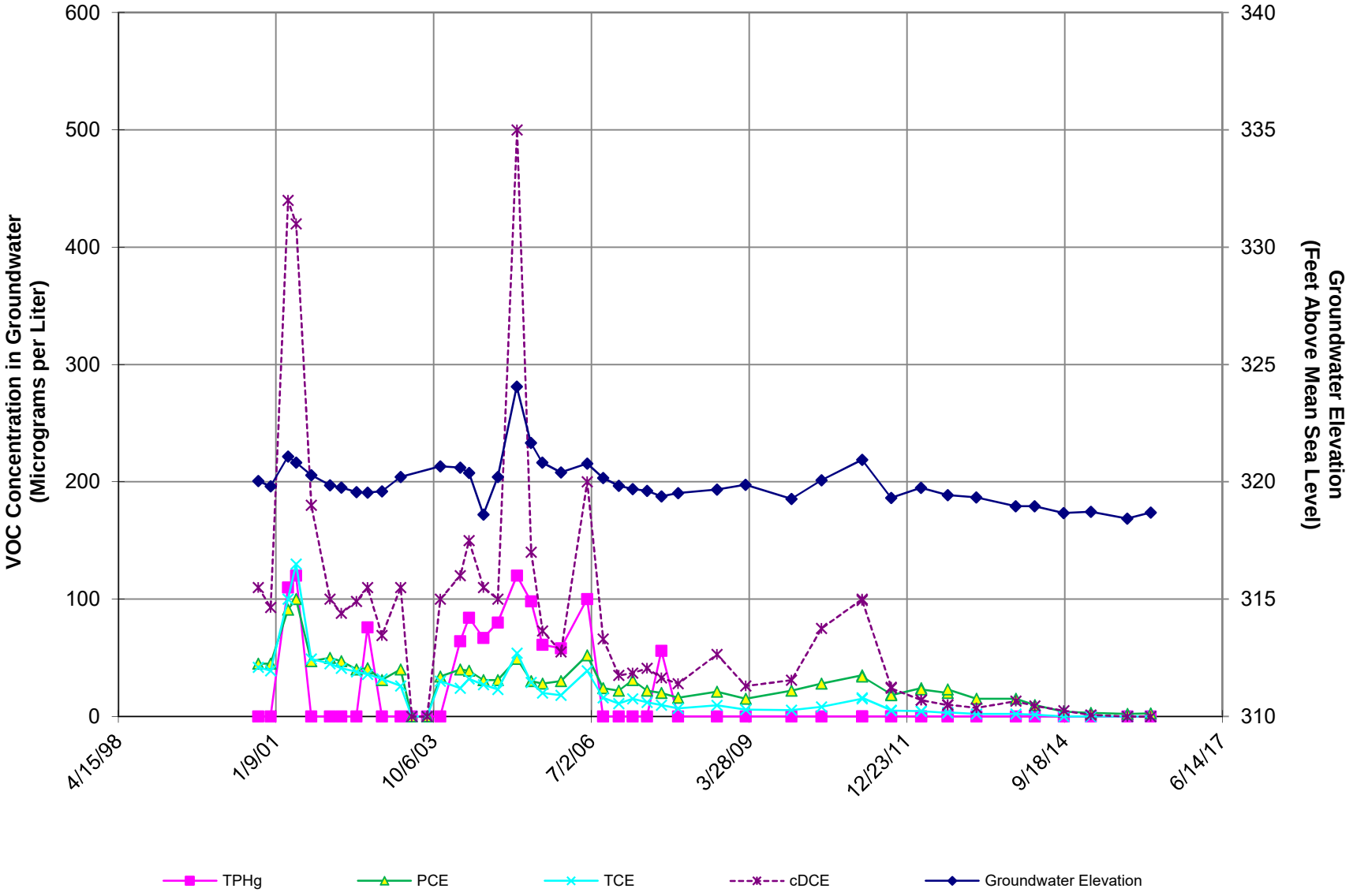
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California



MW-13A

VOC Concentration and Hydrograph vs. Time

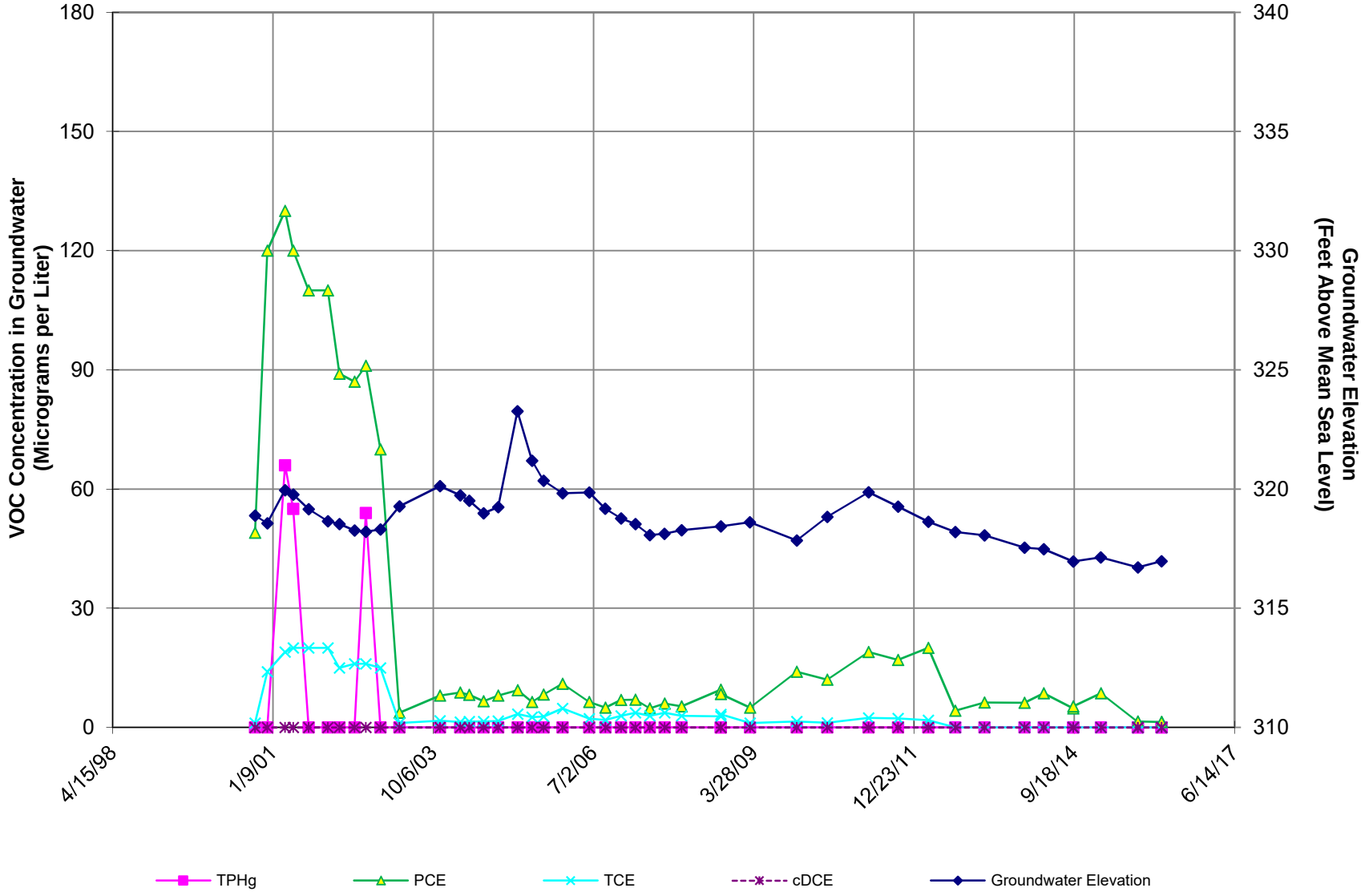
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California



MW-13B

VOC Concentration and Hydrograph vs. Time

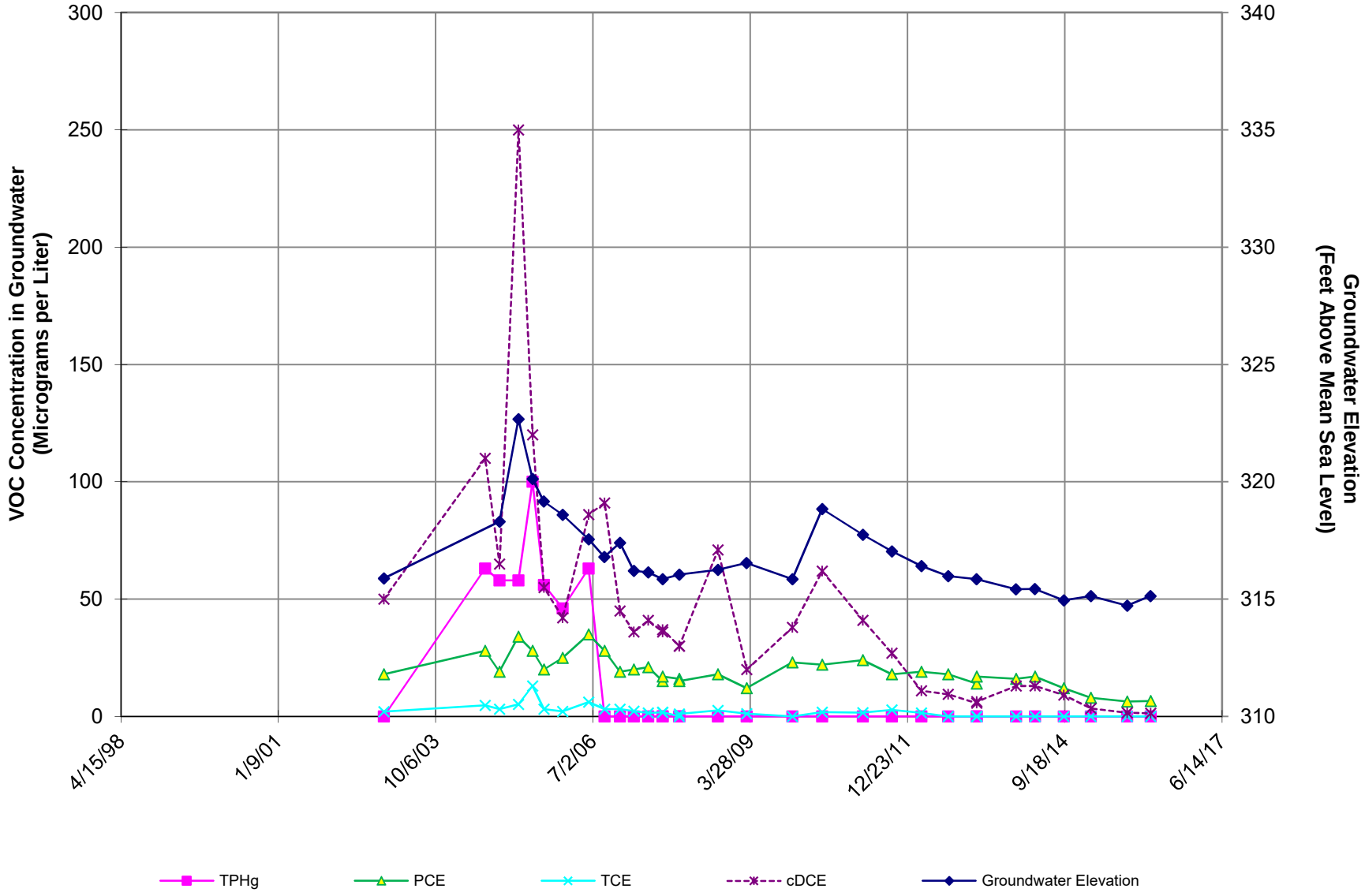
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California



MW-14

VOC Concentration and Hydrograph vs. Time

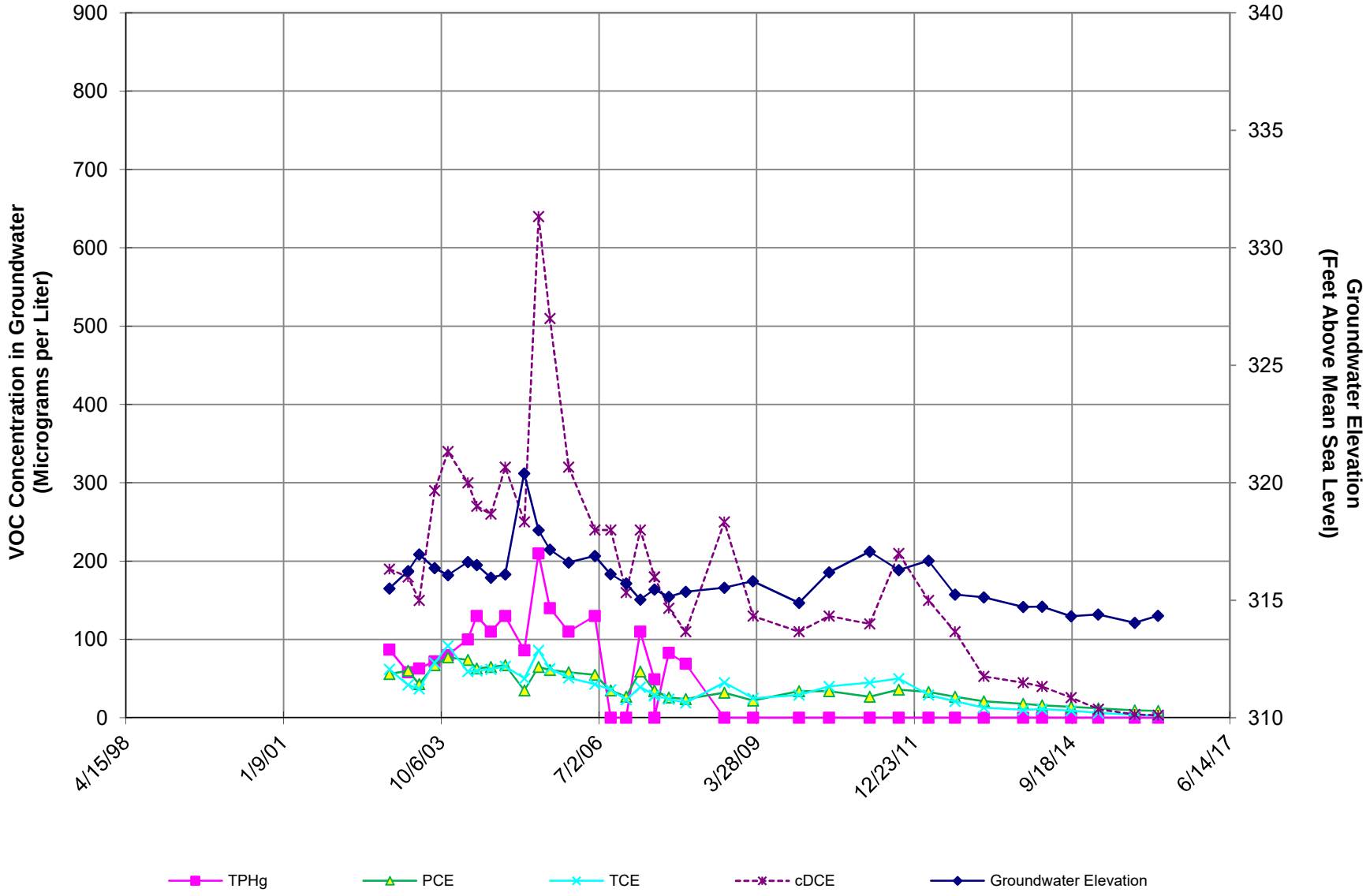
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California



MW-15

VOC Concentration and Hydrograph vs. Time

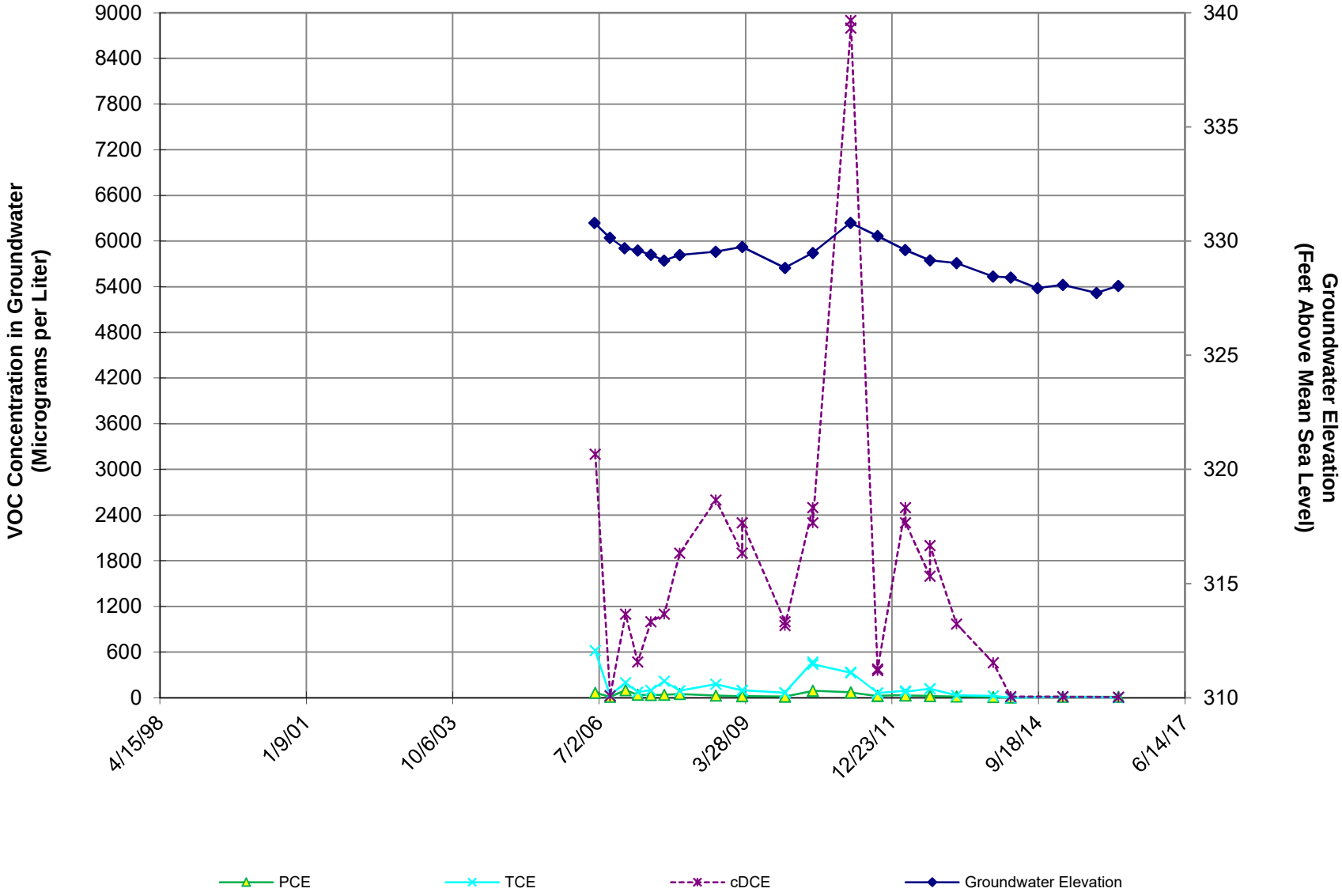
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California



MW-16A

VOC Concentration and Hydrograph vs. Time

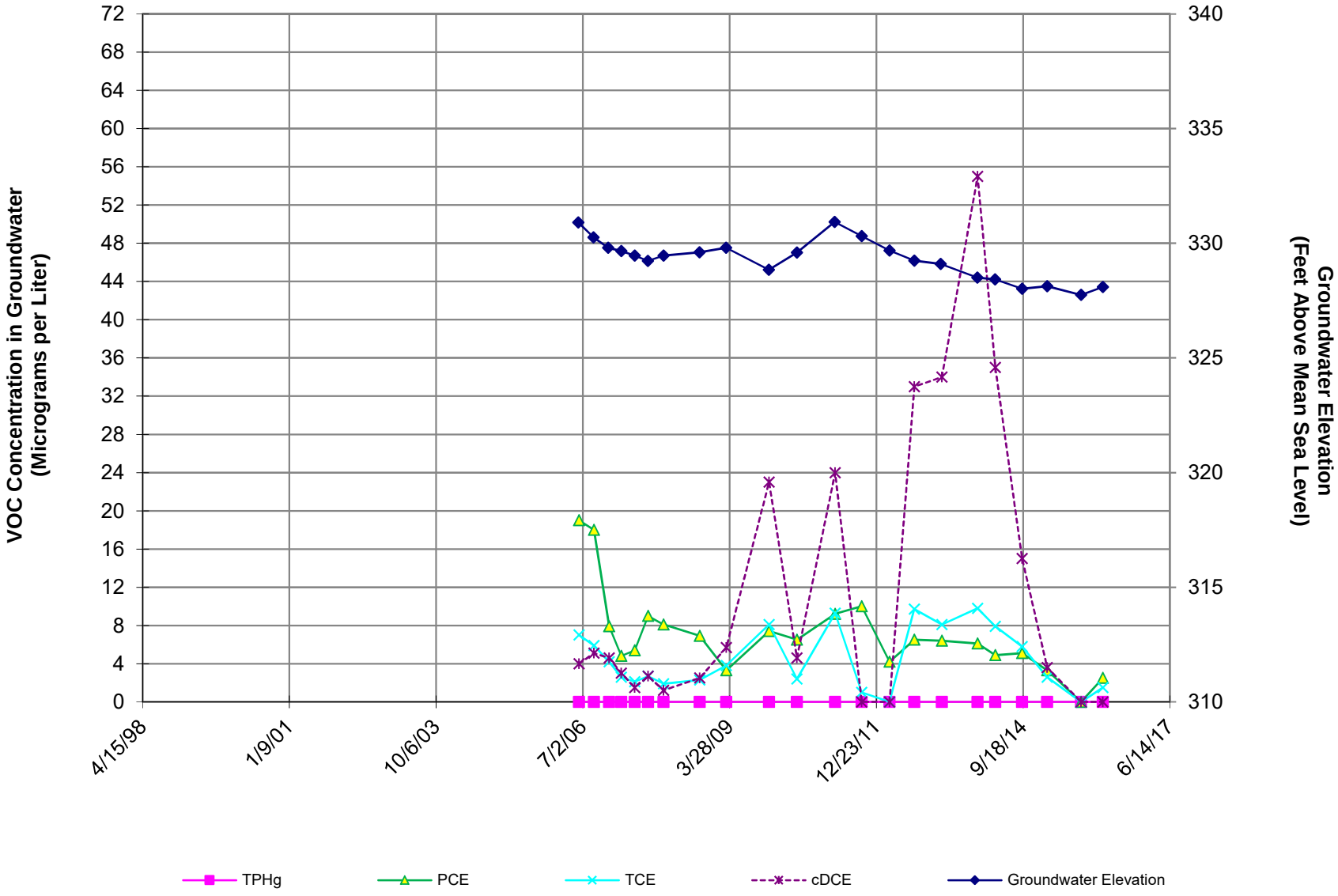
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California



MW-16B

VOC Concentration and Hydrograph vs. Time

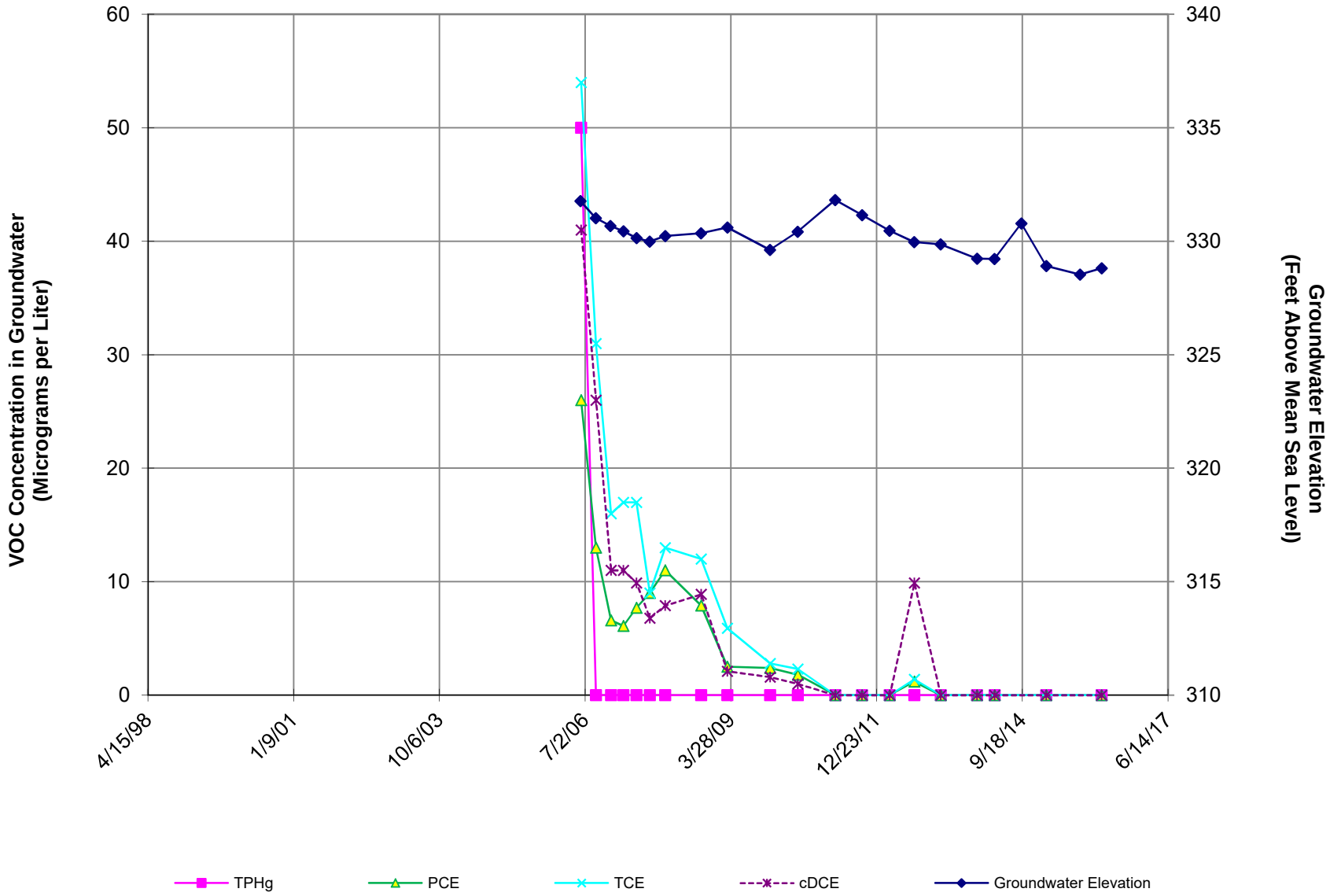
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California



MW-16C

VOC Concentration and Hydrograph vs. Time

Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California



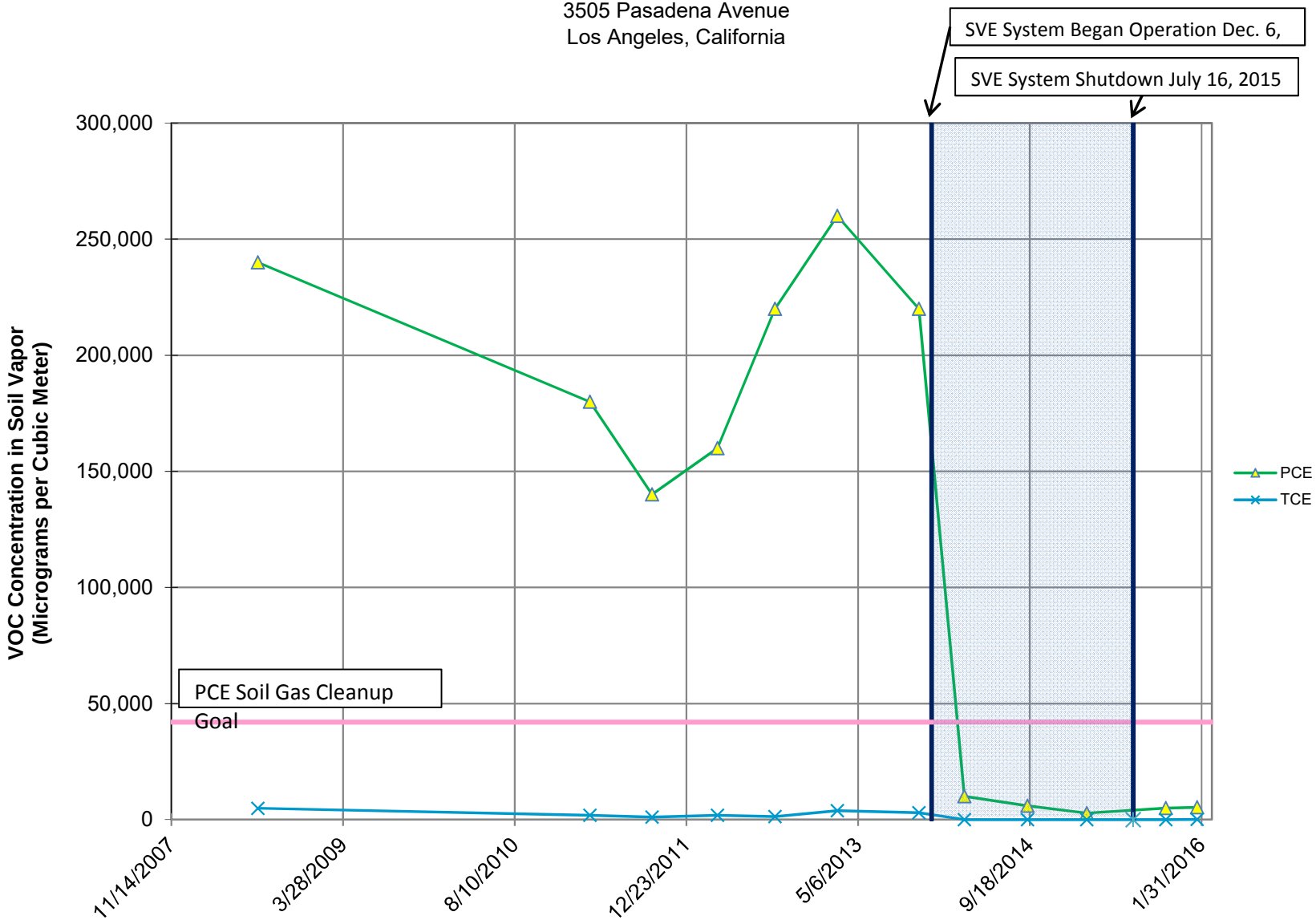
APPENDIX E

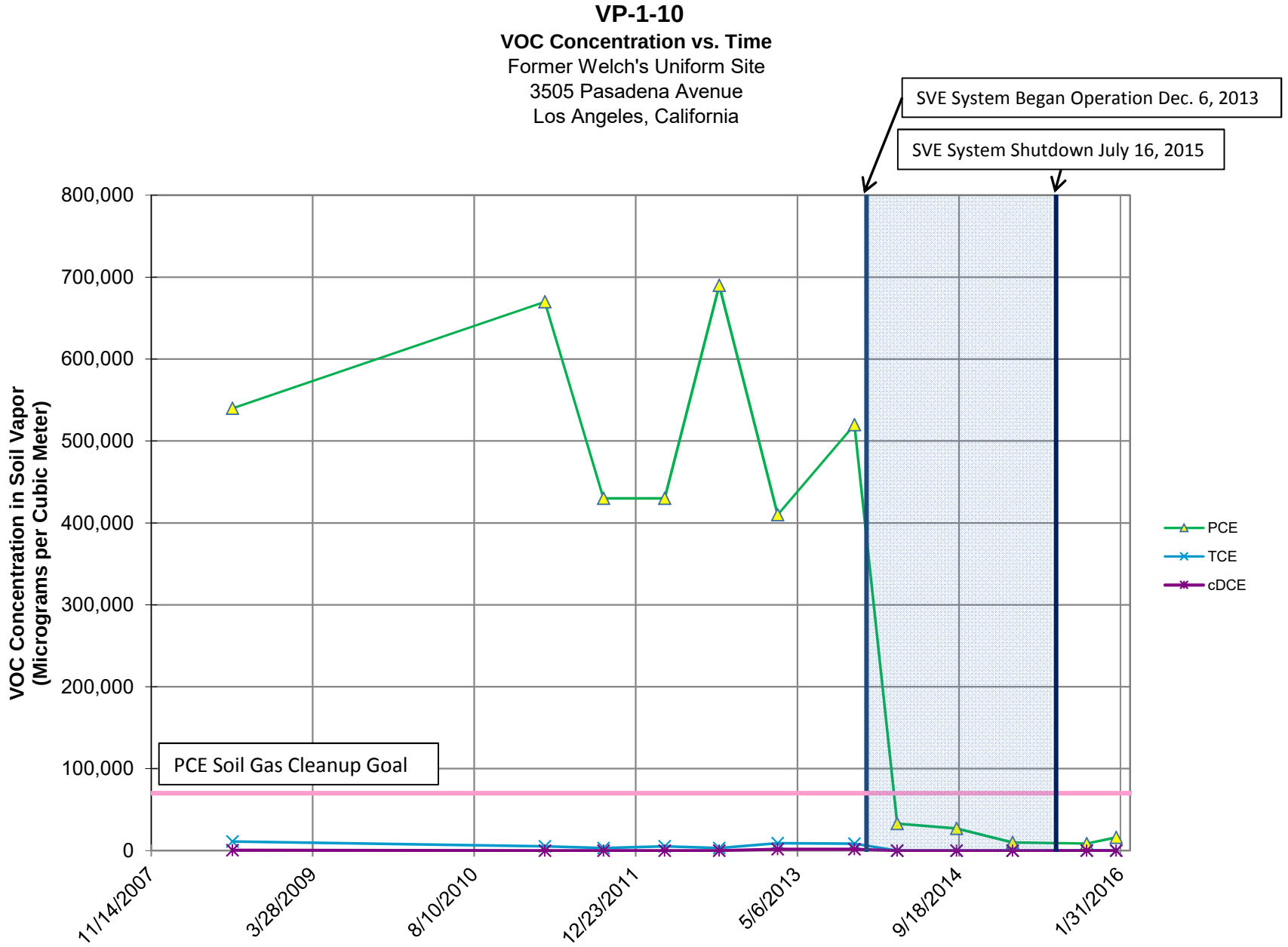
SOIL VAPOR TREND GRAPHS

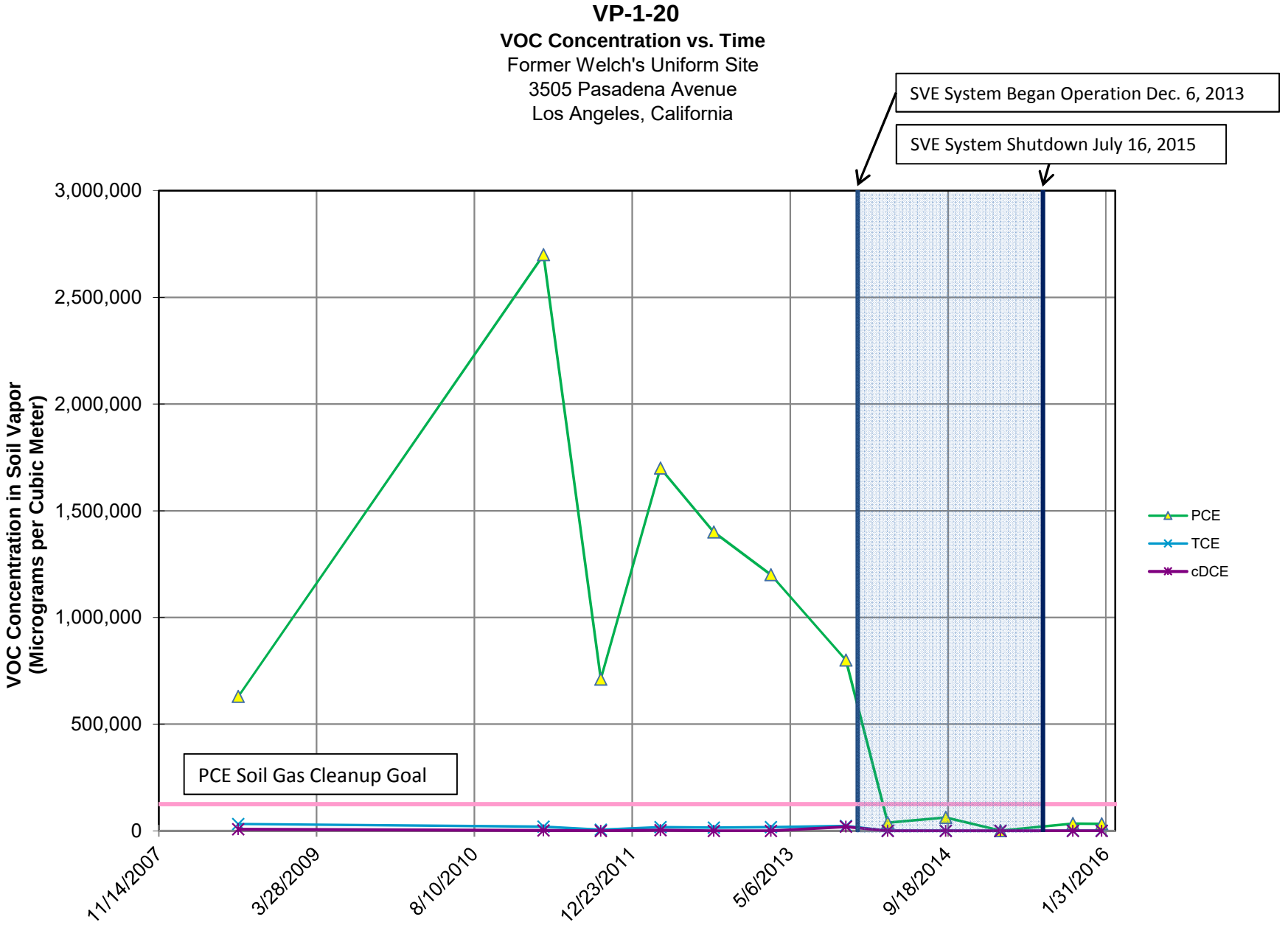
VP-1-5

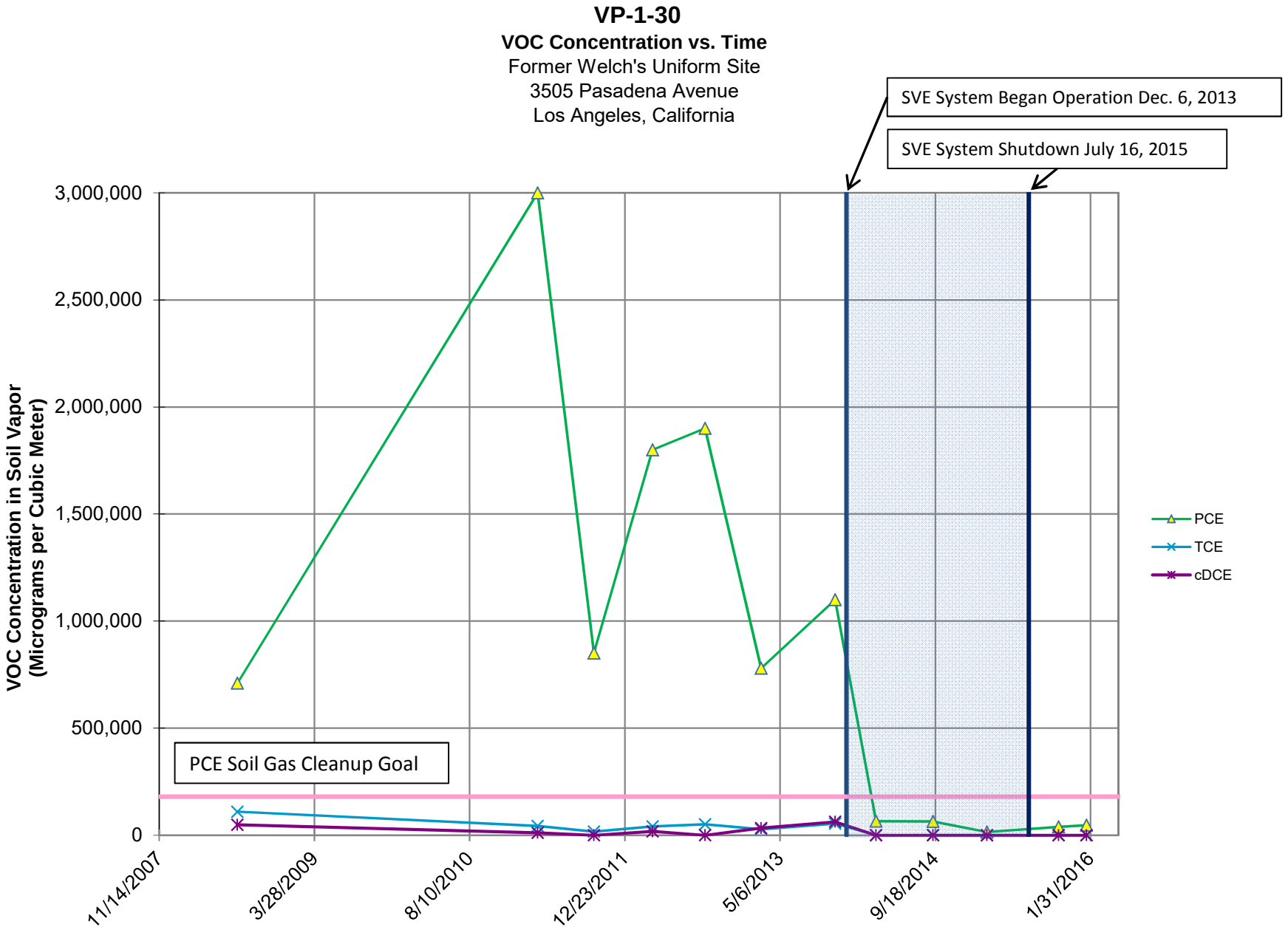
VOC Concentration vs. Time

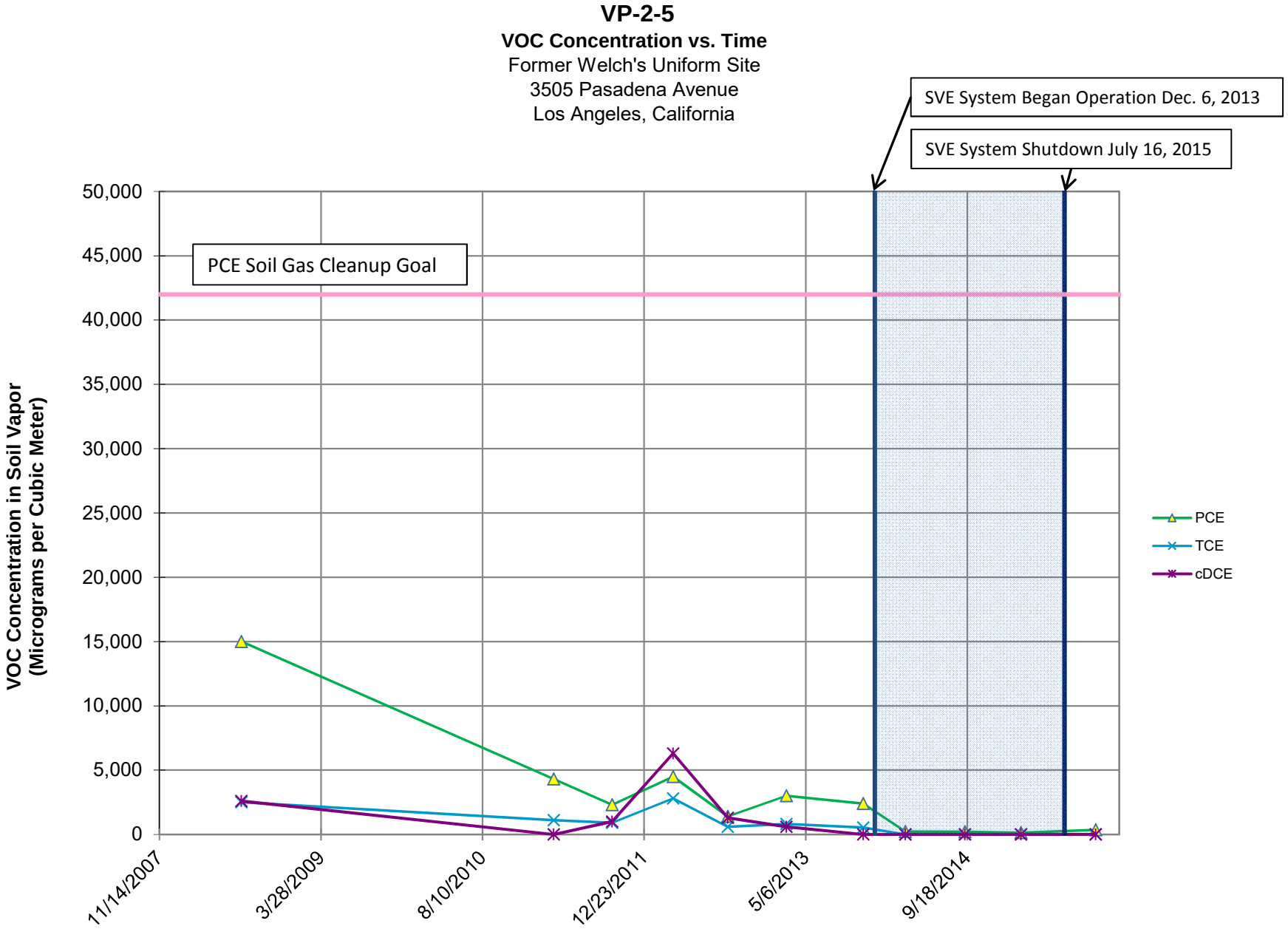
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California

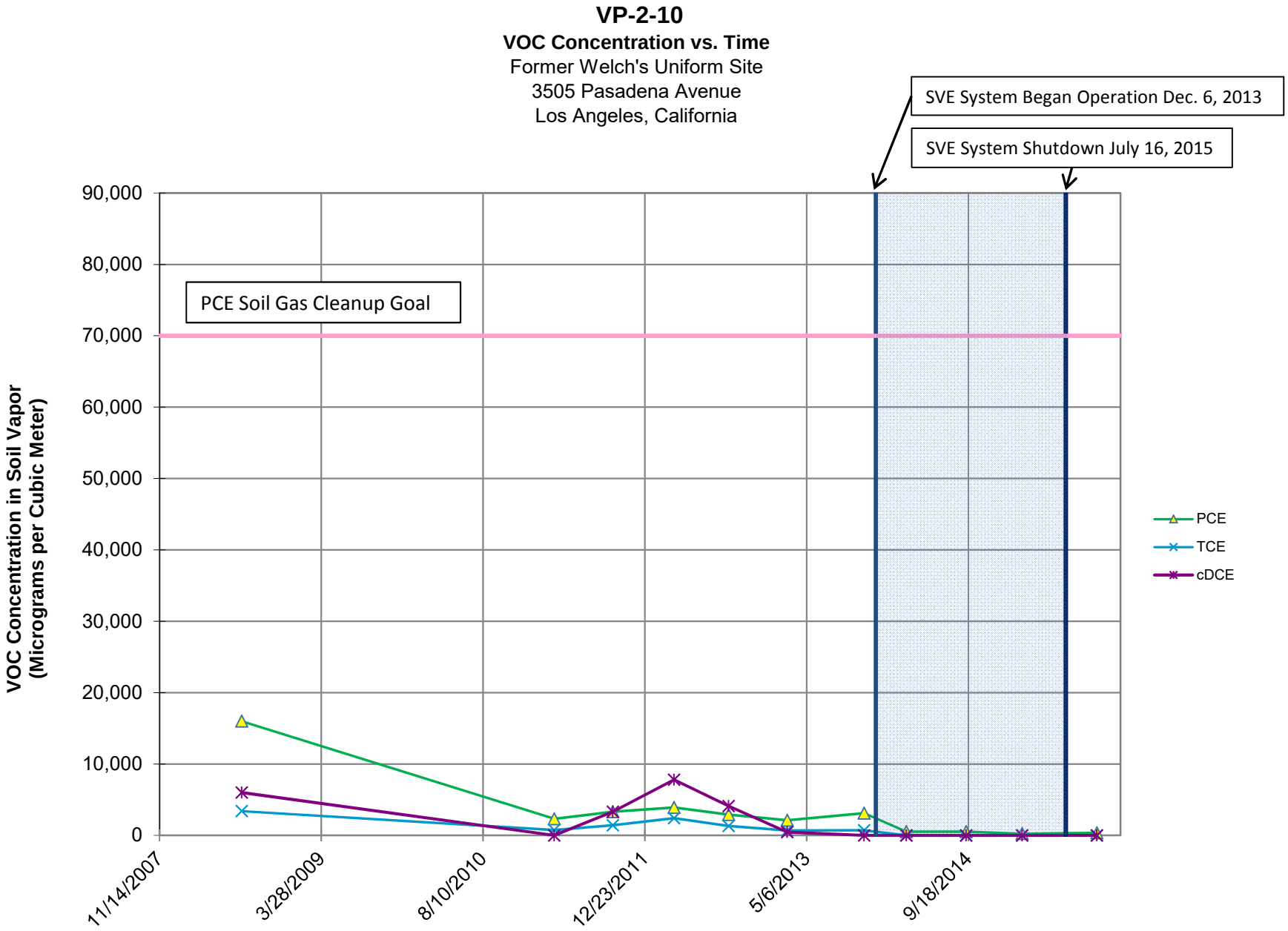


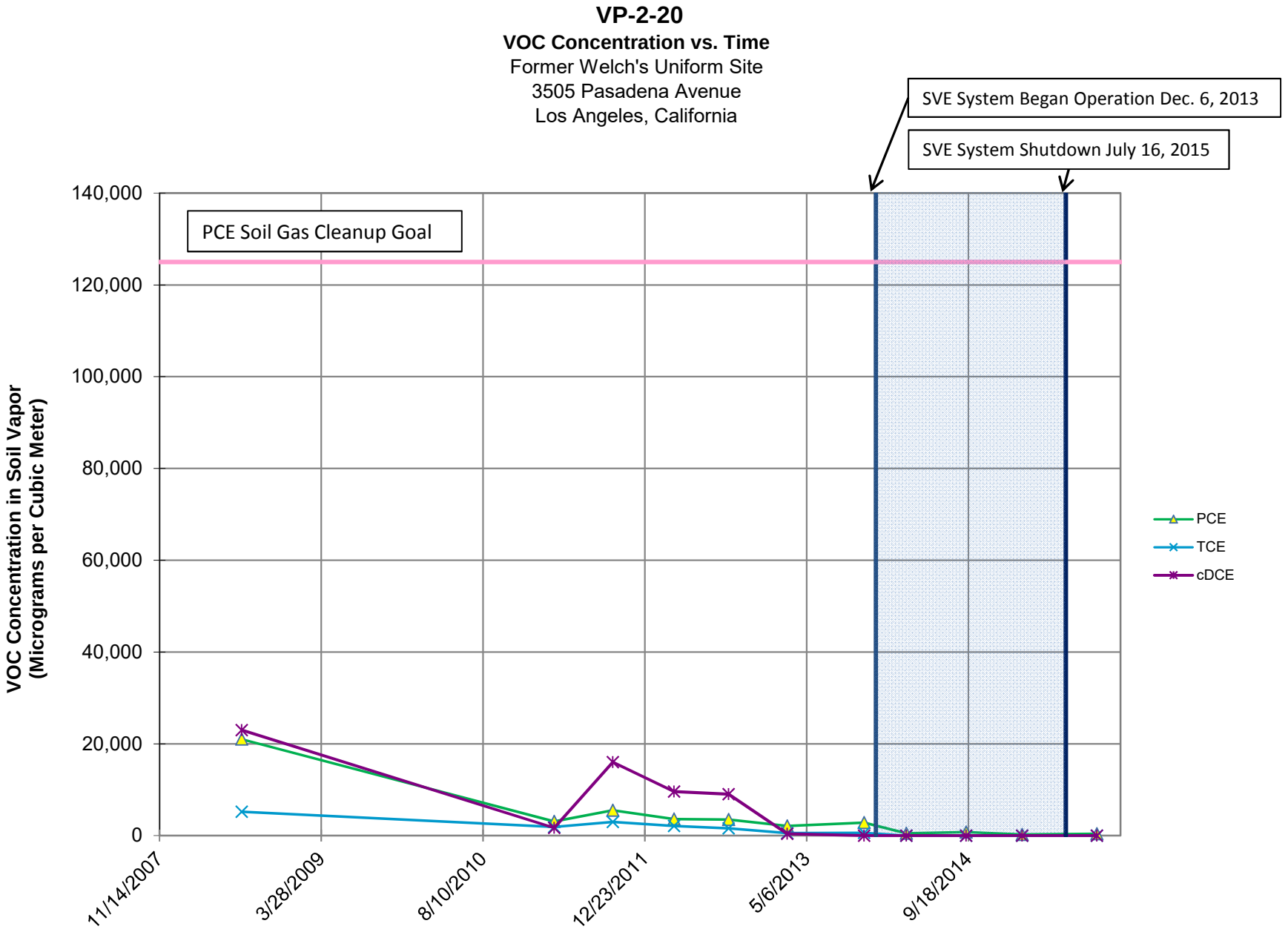

VP-1-10
VOC Concentration vs. Time
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California
SVE System Began Operation Dec. 6, 2013
SVE System Shutdown July 16, 2015
VOC Concentration in Soil Vapor
(Micrograms per Cubic Meter)
800,000
700,000
600,000
500,000
400,000
300,000
200,000
100,000
0
PCE Soil Gas Cleanup Goal
11/14/2007
3/28/2009
8/10/2010
12/23/2011
5/6/2013
9/18/2014
1/31/2016
PCE
TCE
cDCE

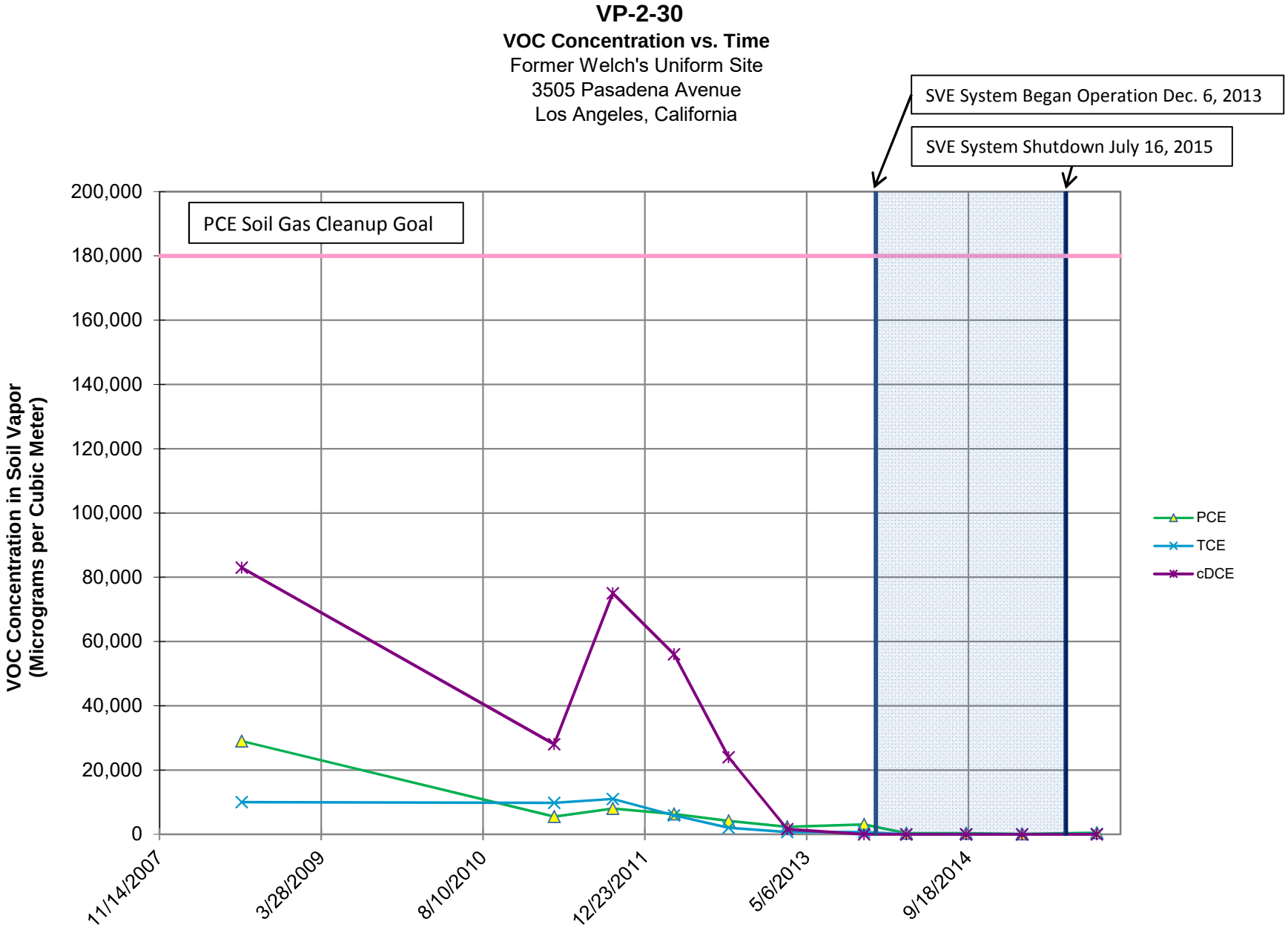

VP-1-20
VOC Concentration vs. Time
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California
SVE System Began Operation Dec. 6, 2013
SVE System Shutdown July 16, 2015
VOC Concentration in Soil Vapor
(Micrograms per Cubic Meter)
3,000,000
2,500,000
2,000,000
1,500,000
1,000,000
500,000
0
PCE Soil Gas Cleanup Goal
11/14/2007
3/28/2009
8/10/2010
12/23/2011
5/6/2013
9/18/2014
1/31/2016
PCE
TCE
cDCE

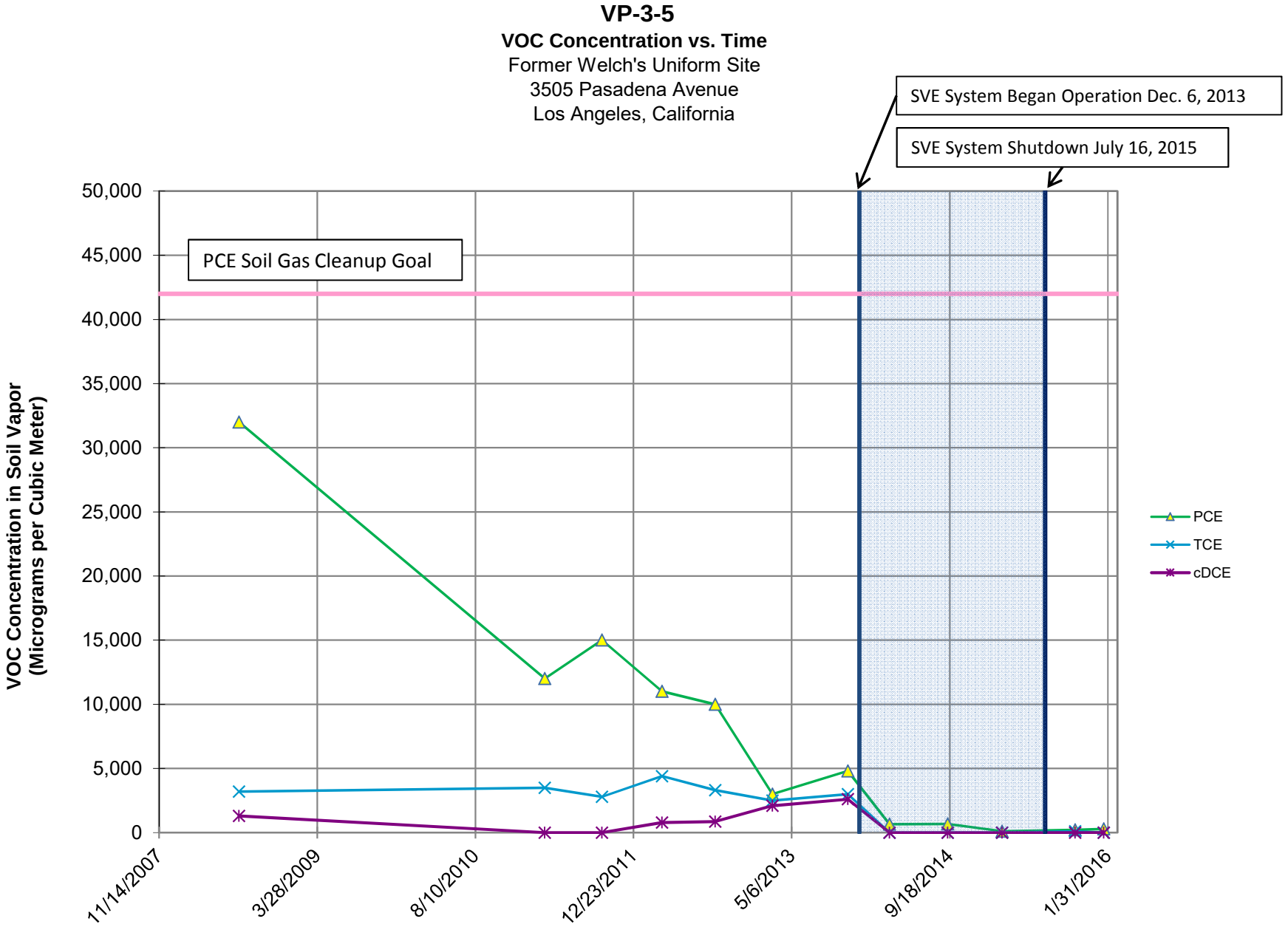

VP-1-30
VOC Concentration vs. Time
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California
SVE System Began Operation Dec. 6, 2013
SVE System Shutdown July 16, 2015
VOC Concentration in Soil Vapor
(Micrograms per Cubic Meter)
3,000,000
2,500,000
2,000,000
1,500,000
1,000,000
500,000
0
PCE Soil Gas Cleanup Goal
PCE
TCE
cDCE
11/14/2007
3/28/2009
8/10/2010
12/23/2011
5/6/2013
9/18/2014
1/31/2016

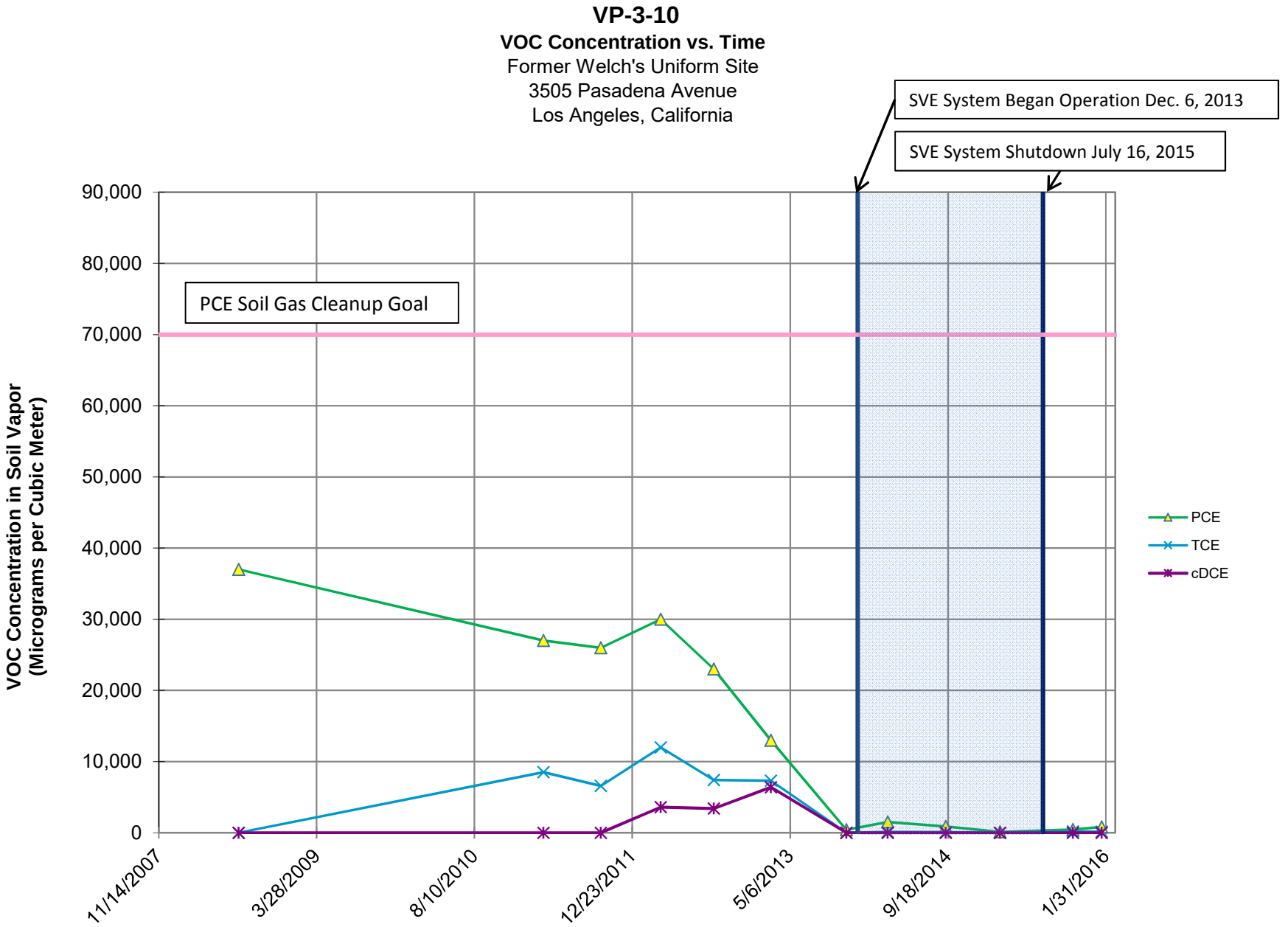

VP-2-5
VOC Concentration vs. Time
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California
SVE System Began Operation Dec. 6, 2013
SVE System Shutdown July 16, 2015
PCE Soil Gas Cleanup Goal
VOC Concentration in Soil Vapor
(Micrograms per Cubic Meter)
50,000
45,000
40,000
35,000
30,000
25,000
20,000
15,000
10,000
5,000
0
11/14/2007
3/28/2009
8/10/2010
12/23/2011
5/6/2013
9/18/2014
PCE
TCE
cDCE


VP-2-10
VOC Concentration vs. Time
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California
SVE System Began Operation Dec. 6, 2013
SVE System Shutdown July 16, 2015
PCE Soil Gas Cleanup Goal
VOC Concentration in Soil Vapor
(Micrograms per Cubic Meter)
90,000
80,000
70,000
60,000
50,000
40,000
30,000
20,000
10,000
0
11/14/2007
3/28/2009
8/10/2010
12/23/2011
5/6/2013
9/18/2014
PCE
TCE
cDCE


VP-2-20
VOC Concentration vs. Time
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California
SVE System Began Operation Dec. 6, 2013
SVE System Shutdown July 16, 2015
PCE Soil Gas Cleanup Goal
VOC Concentration in Soil Vapor
(Micrograms per Cubic Meter)
140,000
120,000
100,000
80,000
60,000
40,000
20,000
0
11/14/2007
3/28/2009
8/10/2010
12/23/2011
5/6/2013
9/18/2014
PCE
TCE
cDCE


VP-2-30
VOC Concentration vs. Time
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California
SVE System Began Operation Dec. 6, 2013
SVE System Shutdown July 16, 2015
PCE Soil Gas Cleanup Goal
VOC Concentration in Soil Vapor
(Micrograms per Cubic Meter)
200,000
180,000
160,000
140,000
120,000
100,000
80,000
60,000
40,000
20,000
0
11/14/2007
3/28/2009
8/10/2010
12/23/2011
5/6/2013
9/18/2014
PCE
TCE
cDCE

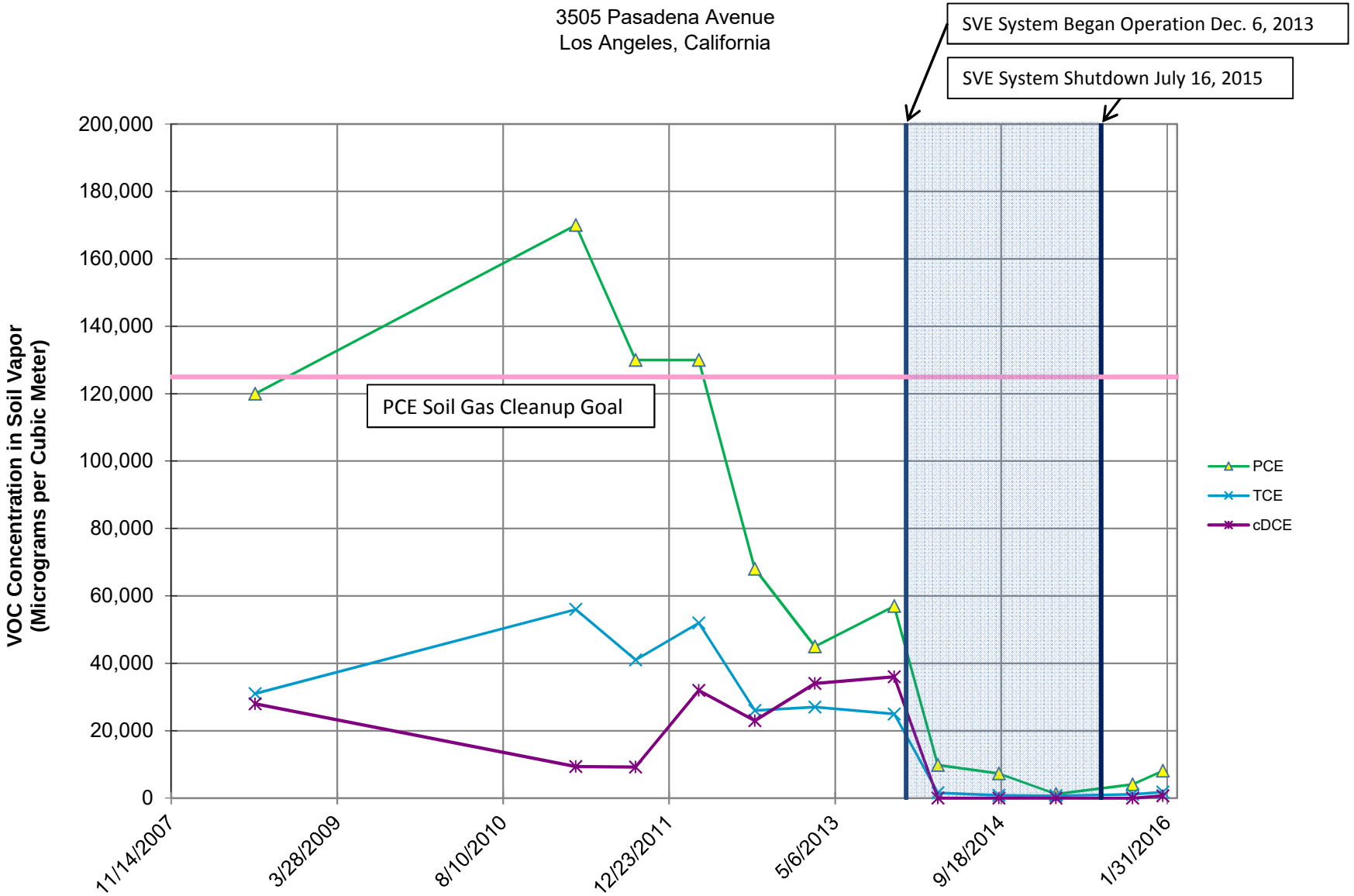

VP-3-5
VOC Concentration vs. Time
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California
SVE System Began Operation Dec. 6, 2013
SVE System Shutdown July 16, 2015
PCE Soil Gas Cleanup Goal
VOC Concentration in Soil Vapor
(Micrograms per Cubic Meter)
50,000
45,000
40,000
35,000
30,000
25,000
20,000
15,000
10,000
5,000
0
11/14/2007
3/28/2009
8/10/2010
12/23/2011
5/6/2013
9/18/2014
1/31/2016
PCE
TCE
cDCE


VP-3-10
VOC Concentration vs. Time
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California
SVE System Began Operation Dec. 6, 2013
SVE System Shutdown July 16, 2015
PCE Soil Gas Cleanup Goal
VOC Concentration in Soil Vapor
(Micrograms per Cubic Meter)
90,000
80,000
70,000
60,000
50,000
40,000
30,000
20,000
10,000
0
11/14/2007
3/28/2009
8/10/2010
12/23/2011
5/6/2013
9/18/2014
1/31/2016
PCE
TCE
cDCE

VP-3-20

VOC Concentration vs. Time

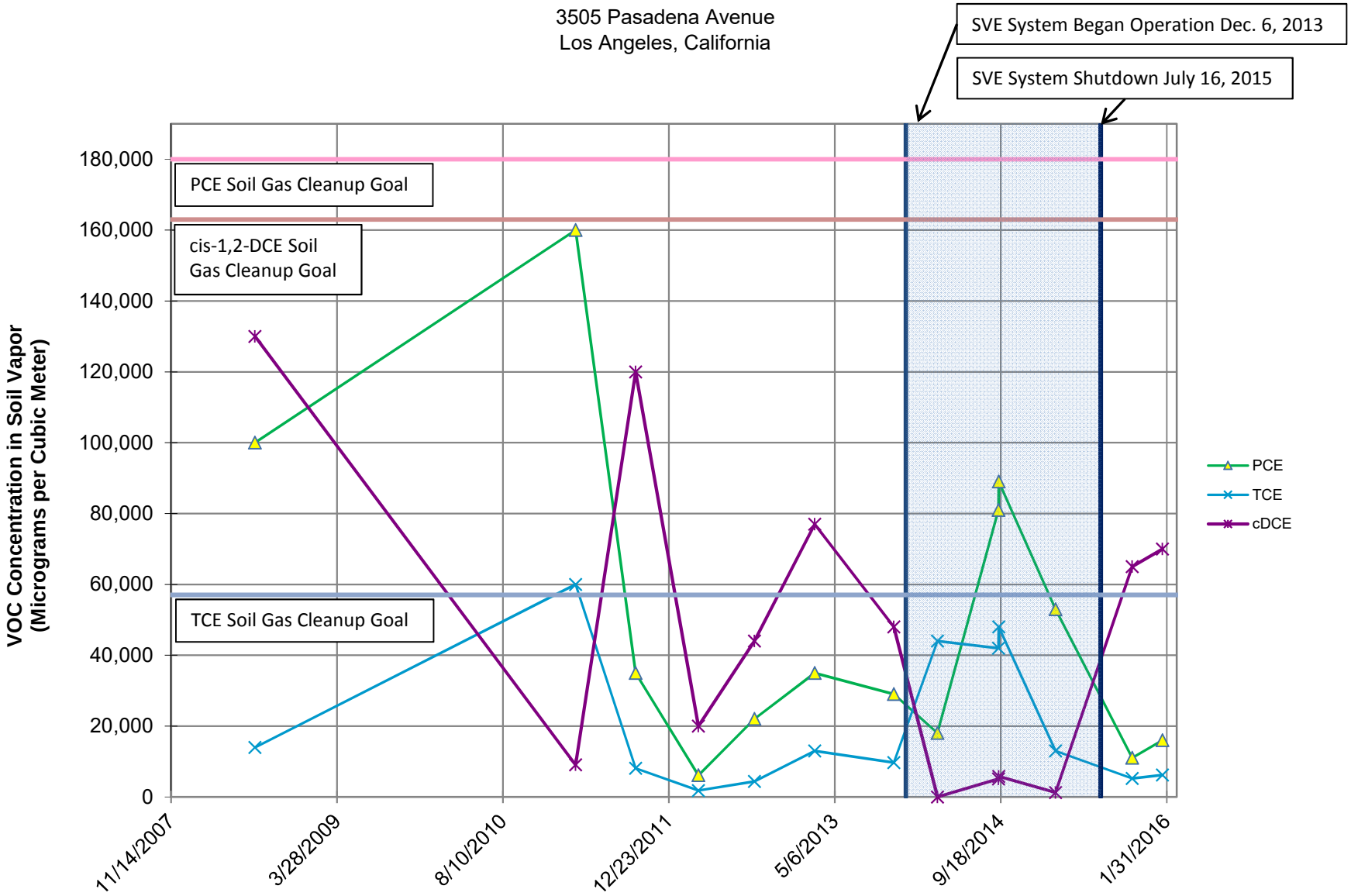
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California

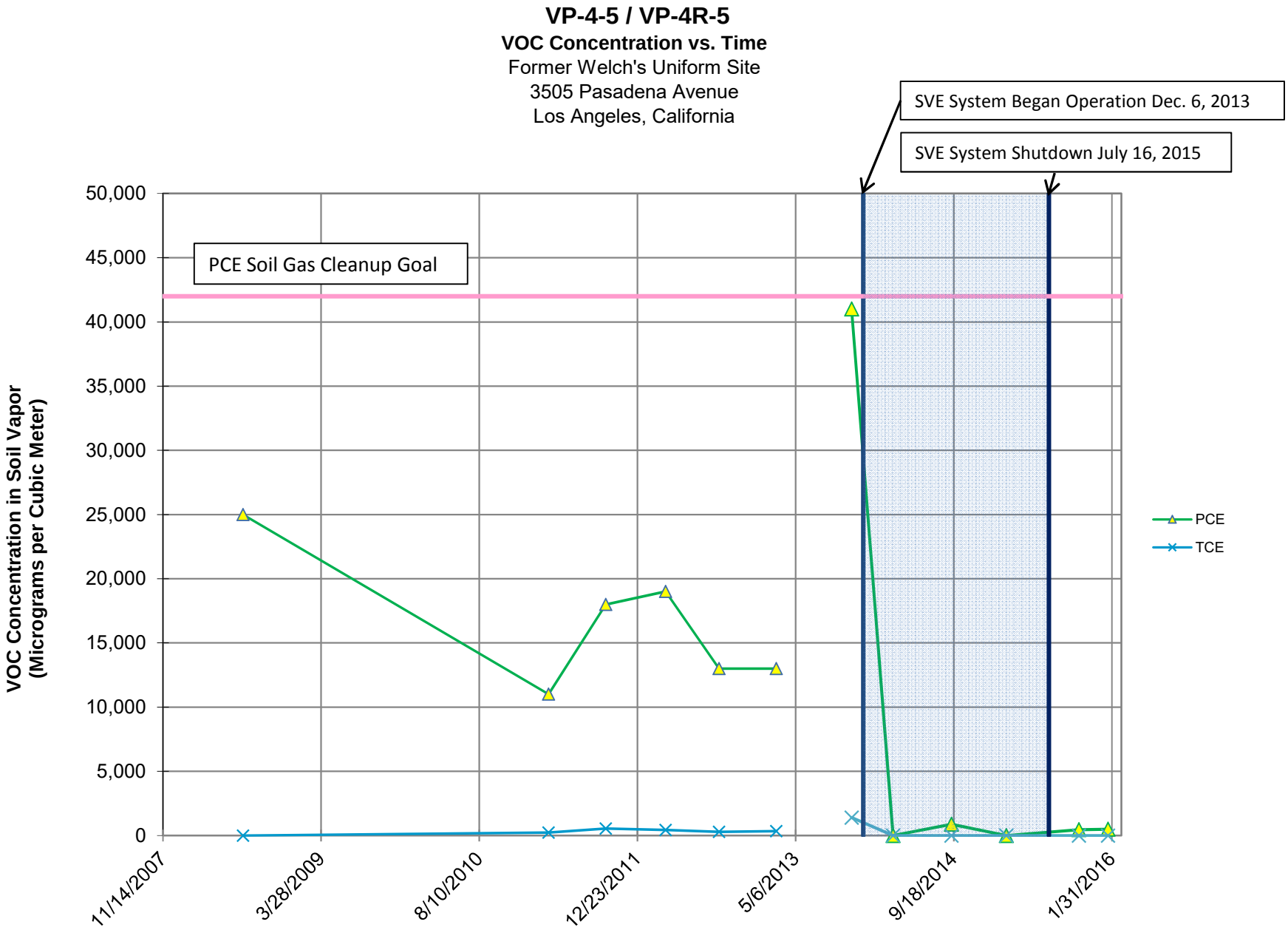


VP-3-30

VOC Concentration vs. Time

Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California

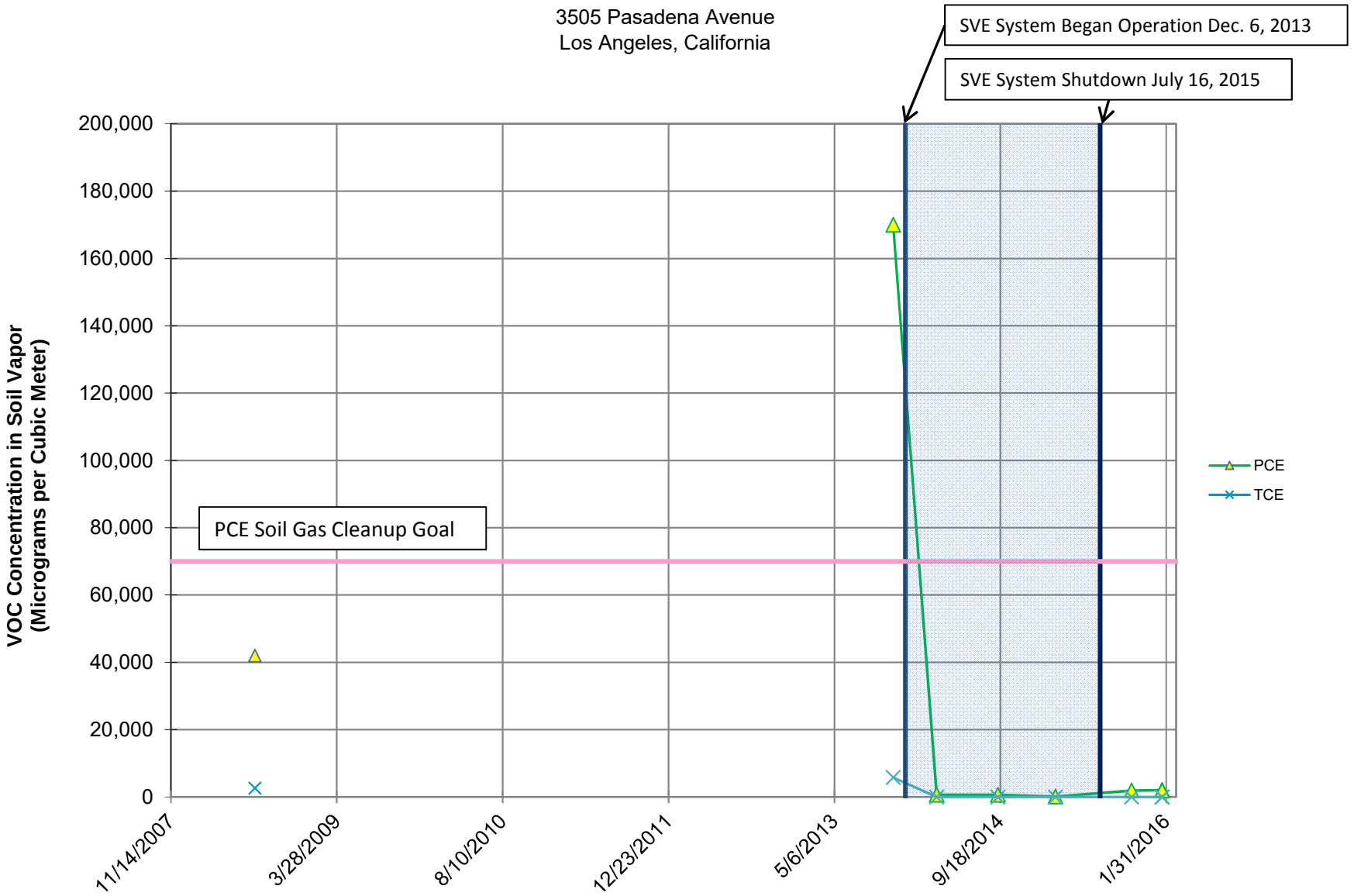



VP-4-5 / VP-4R-5
VOC Concentration vs. Time
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California
SVE System Began Operation Dec. 6, 2013
SVE System Shutdown July 16, 2015
PCE Soil Gas Cleanup Goal
VOC Concentration in Soil Vapor
(Micrograms per Cubic Meter)
50,000
45,000
40,000
35,000
30,000
25,000
20,000
15,000
10,000
5,000
0
11/14/2007
3/28/2009
8/10/2010
12/23/2011
5/6/2013
9/18/2014
1/31/2016
PCE
TCE

VP-4-10 / VP-4R-10

VOC Concentration vs. Time

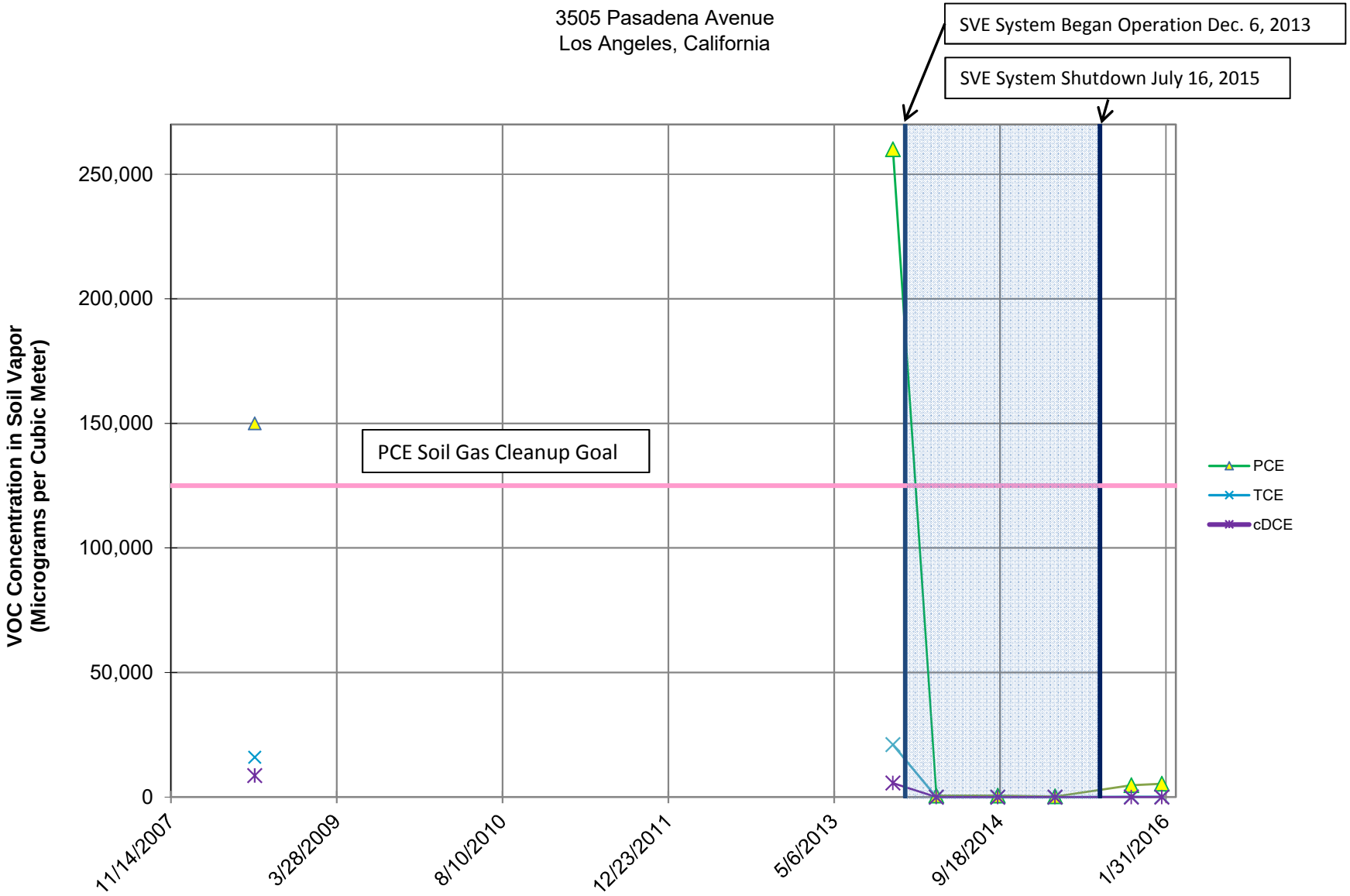
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California



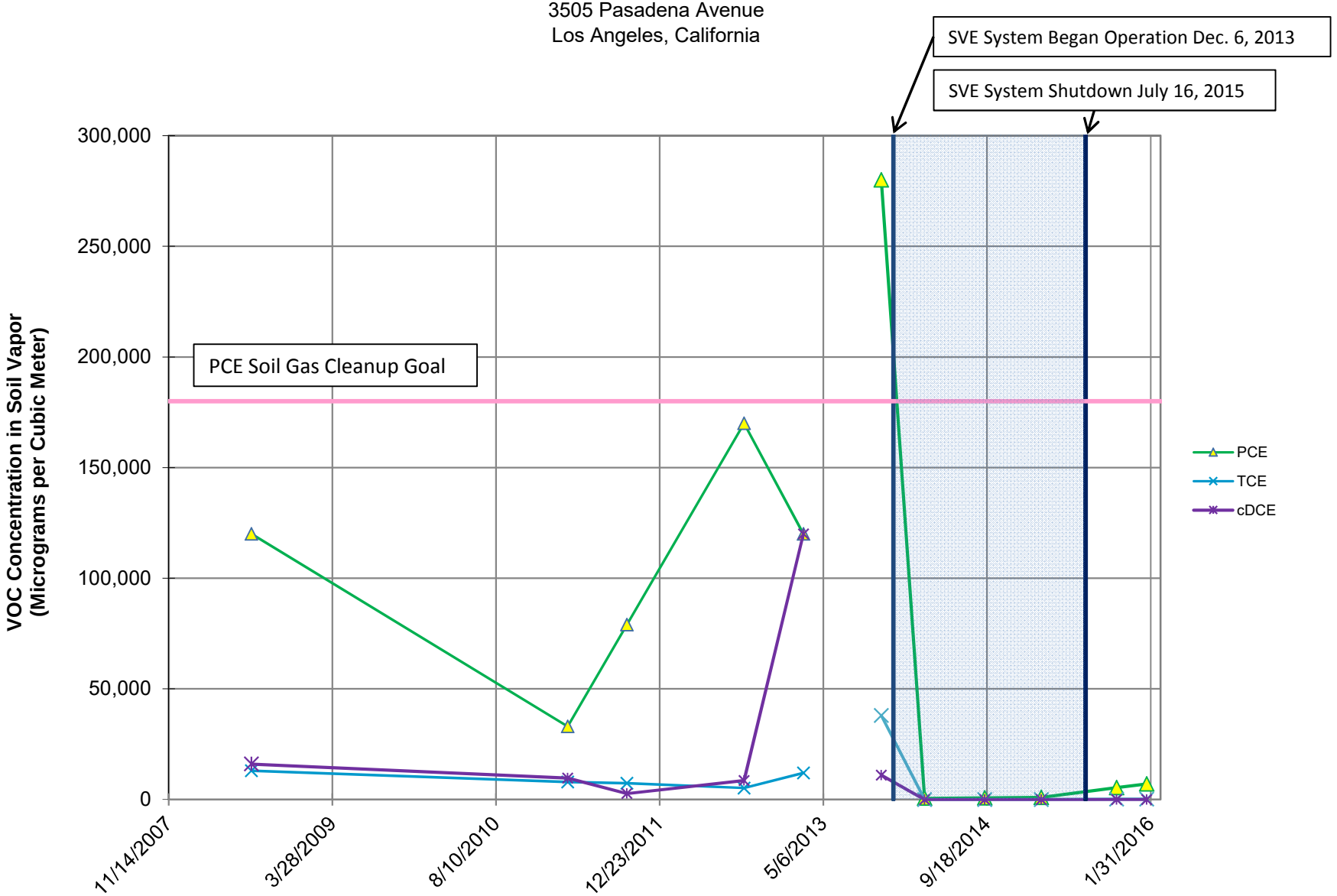
VP-4-20 / VP-4R-20

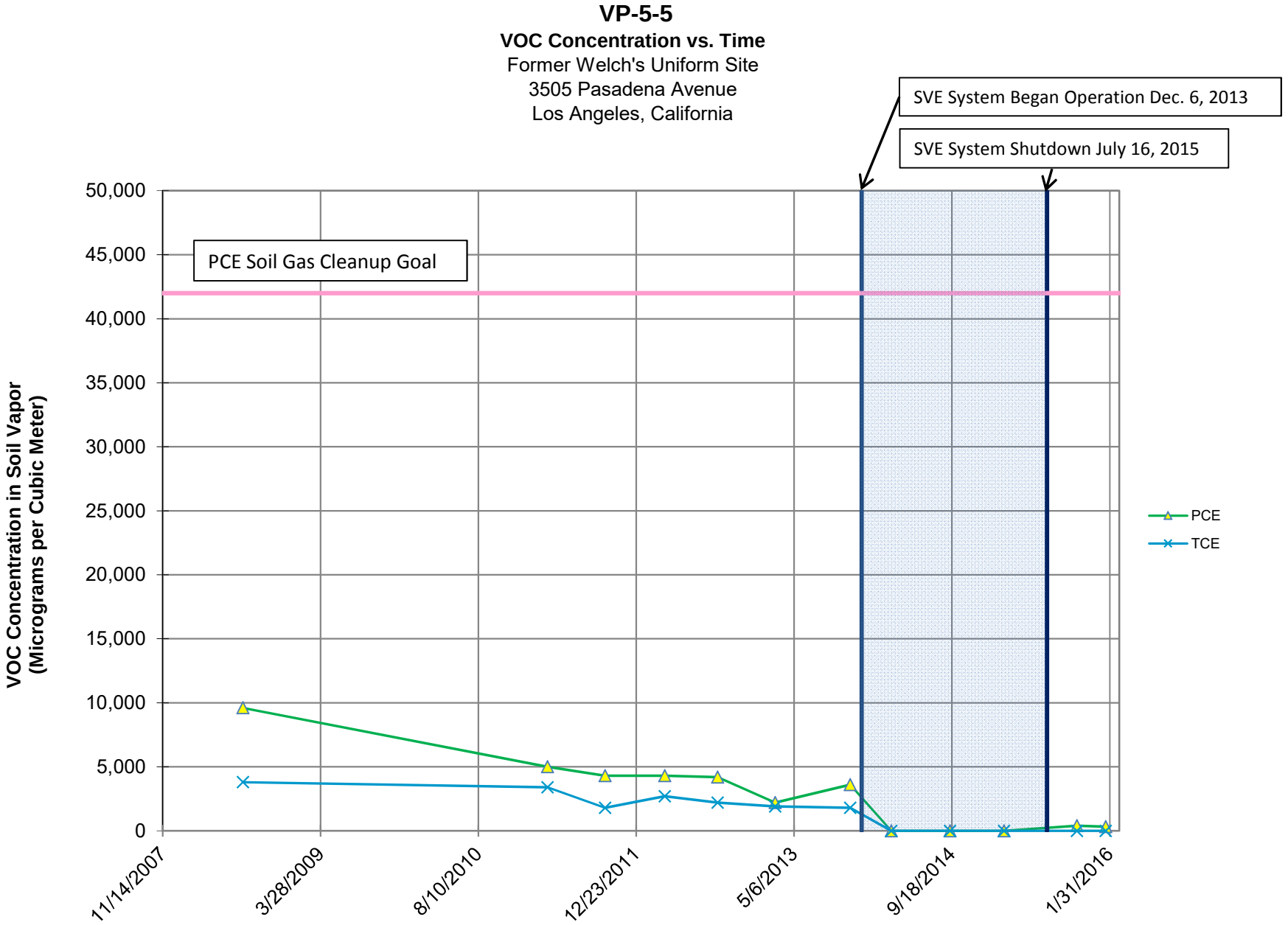
VOC Concentration vs. Time

Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California



VP-4-30 / VP-4R-30
VOC Concentration vs. Time
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California

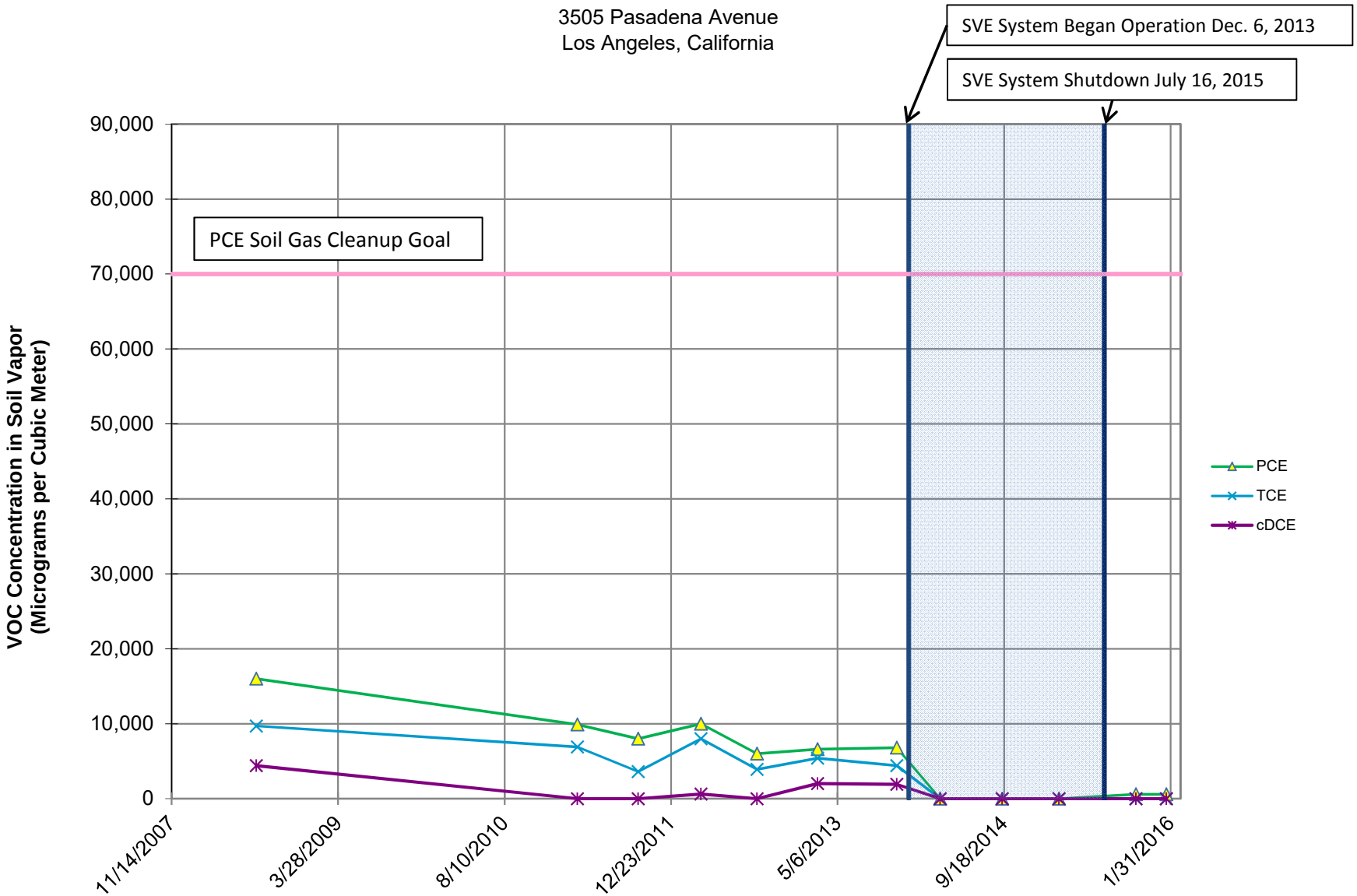


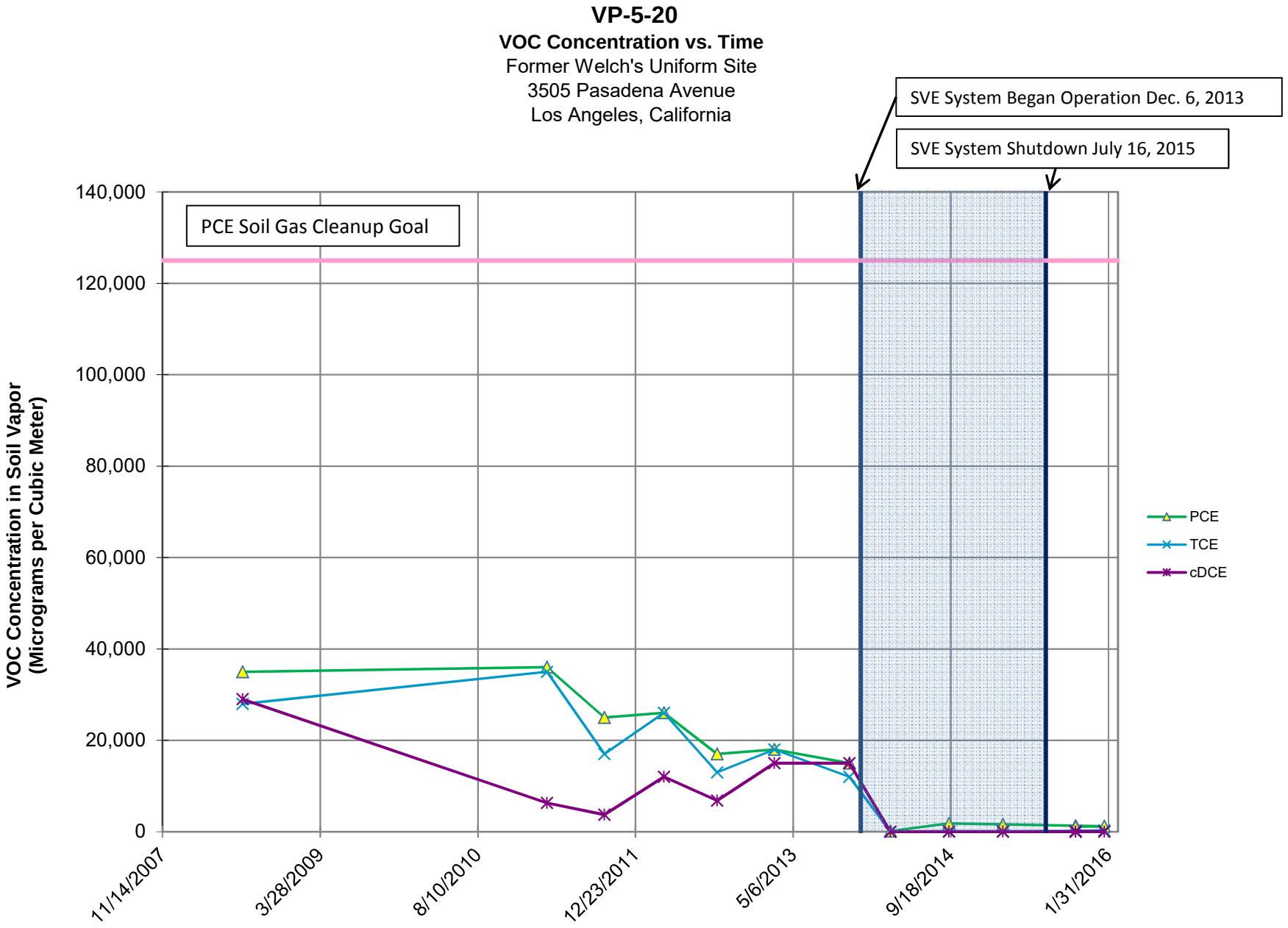

VP-5-5
VOC Concentration vs. Time
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California
SVE System Began Operation Dec. 6, 2013
SVE System Shutdown July 16, 2015
PCE Soil Gas Cleanup Goal
VOC Concentration in Soil Vapor
(Micrograms per Cubic Meter)
50,000
45,000
40,000
35,000
30,000
25,000
20,000
15,000
10,000
5,000
0
11/14/2007
3/28/2009
8/10/2010
12/23/2011
5/6/2013
9/18/2014
1/31/2016
PCE
TCE

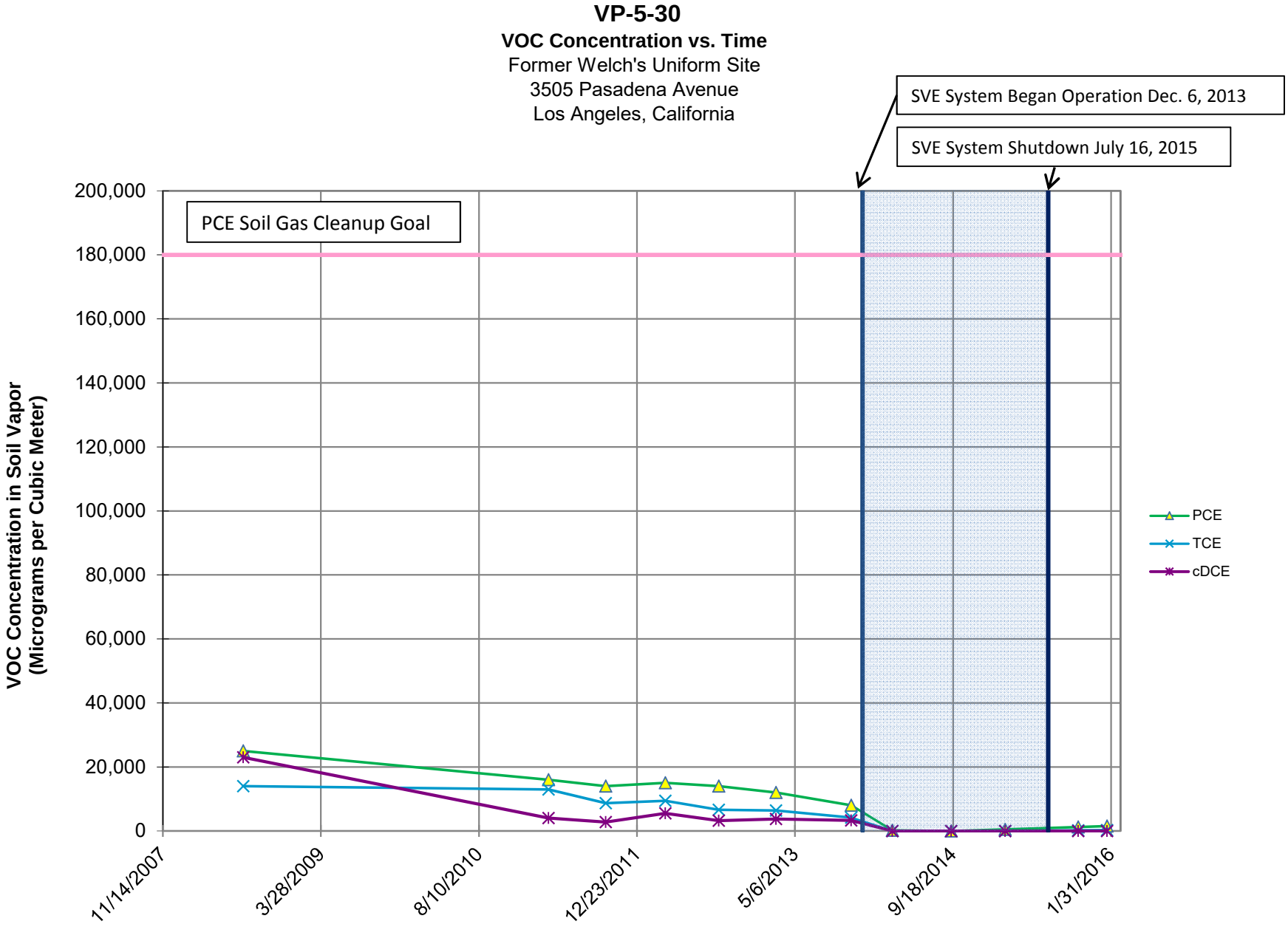
VP-5-10

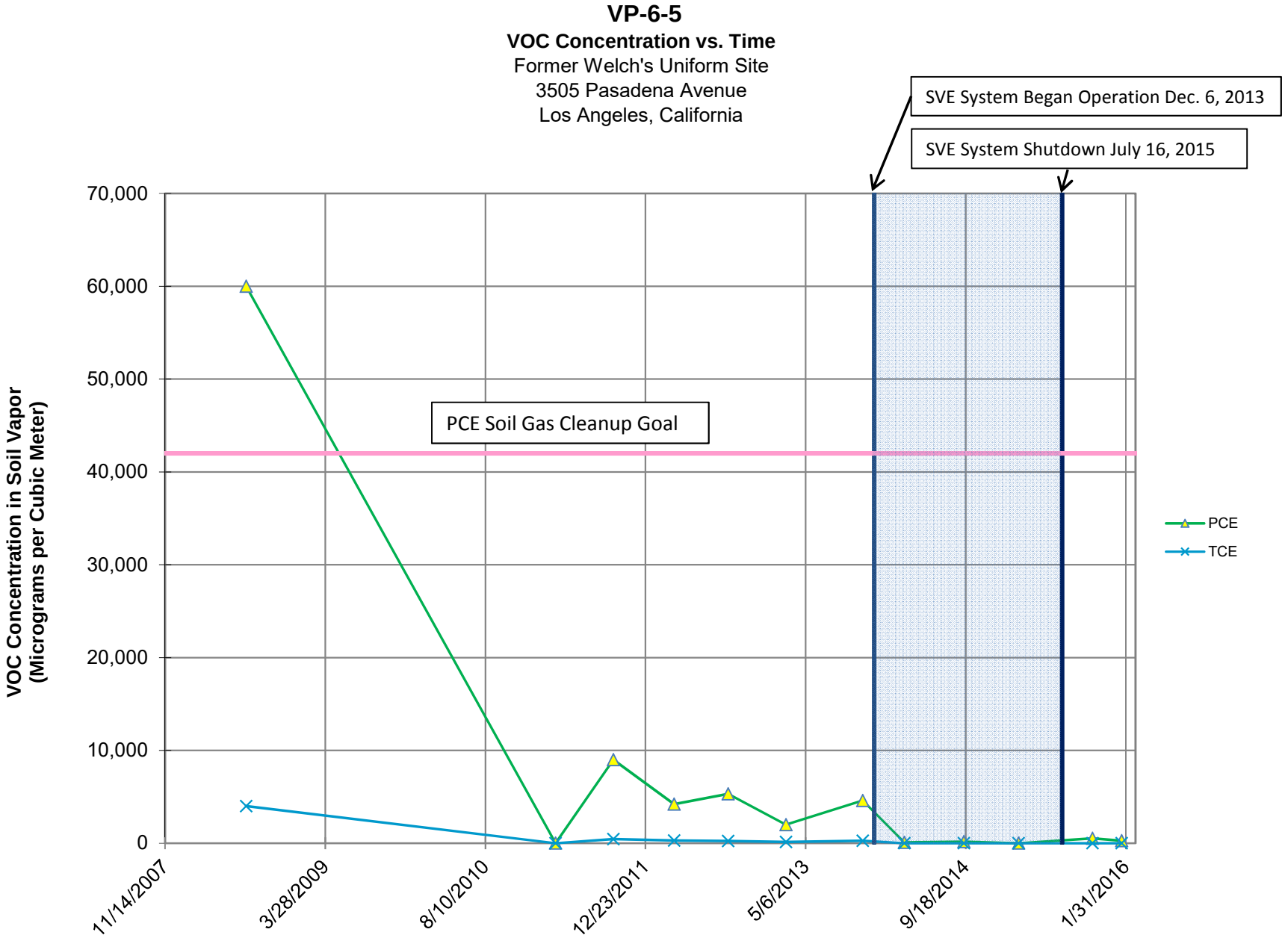
VOC Concentration vs. Time

Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California




VP-5-20
VOC Concentration vs. Time
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California
SVE System Began Operation Dec. 6, 2013
SVE System Shutdown July 16, 2015
PCE Soil Gas Cleanup Goal
VOC Concentration in Soil Vapor
(Micrograms per Cubic Meter)
140,000
120,000
100,000
80,000
60,000
40,000
20,000
0
11/14/2007
3/28/2009
8/10/2010
12/23/2011
5/6/2013
9/18/2014
1/31/2016
PCE
TCE
cDCE

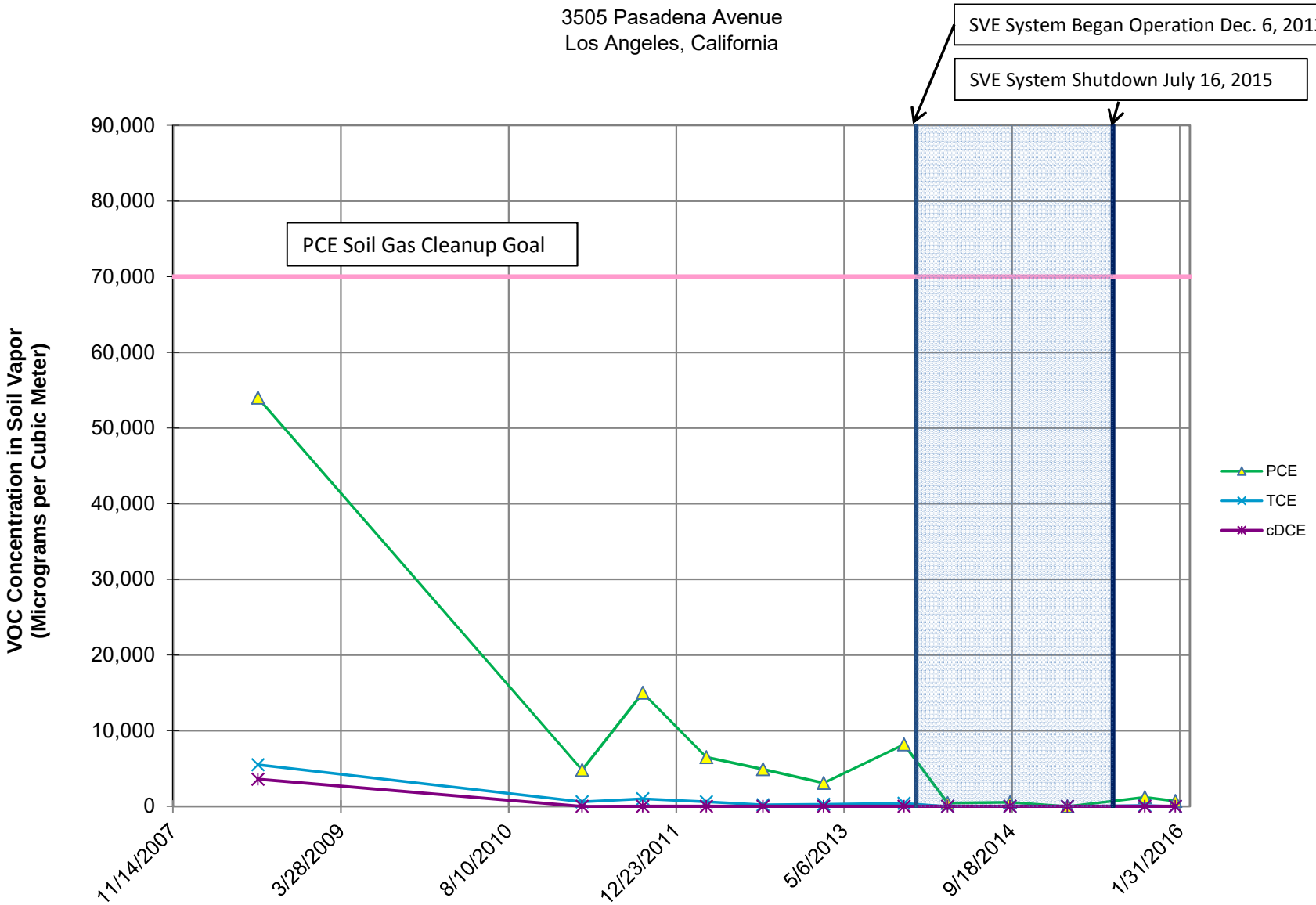

VP-5-30
VOC Concentration vs. Time
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California
SVE System Began Operation Dec. 6, 2013
SVE System Shutdown July 16, 2015
PCE Soil Gas Cleanup Goal
VOC Concentration in Soil Vapor
(Micrograms per Cubic Meter)
200,000
180,000
160,000
140,000
120,000
100,000
80,000
60,000
40,000
20,000
0
11/14/2007
3/28/2009
8/10/2010
12/23/2011
5/6/2013
9/18/2014
1/31/2016
PCE
TCE
cDCE

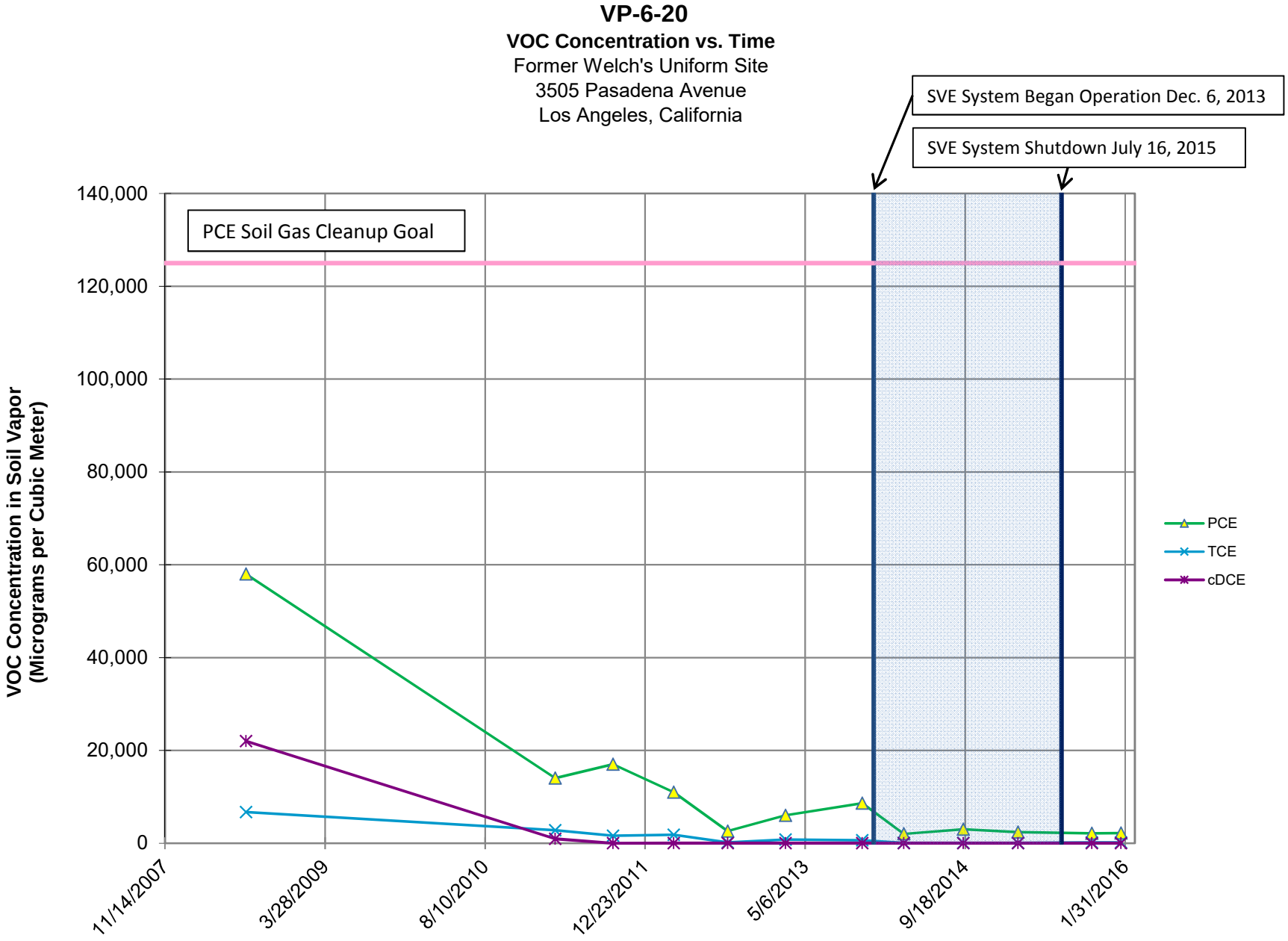

VP-6-5
VOC Concentration vs. Time
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California
SVE System Began Operation Dec. 6, 2013
SVE System Shutdown July 16, 2015
PCE Soil Gas Cleanup Goal
VOC Concentration in Soil Vapor
(Micrograms per Cubic Meter)
70,000
60,000
50,000
40,000
30,000
20,000
10,000
0
11/14/2007
3/28/2009
8/10/2010
12/23/2011
5/6/2013
9/18/2014
1/31/2016
PCE
TCE

VP-6-10

VOC Concentration vs. Time

Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California

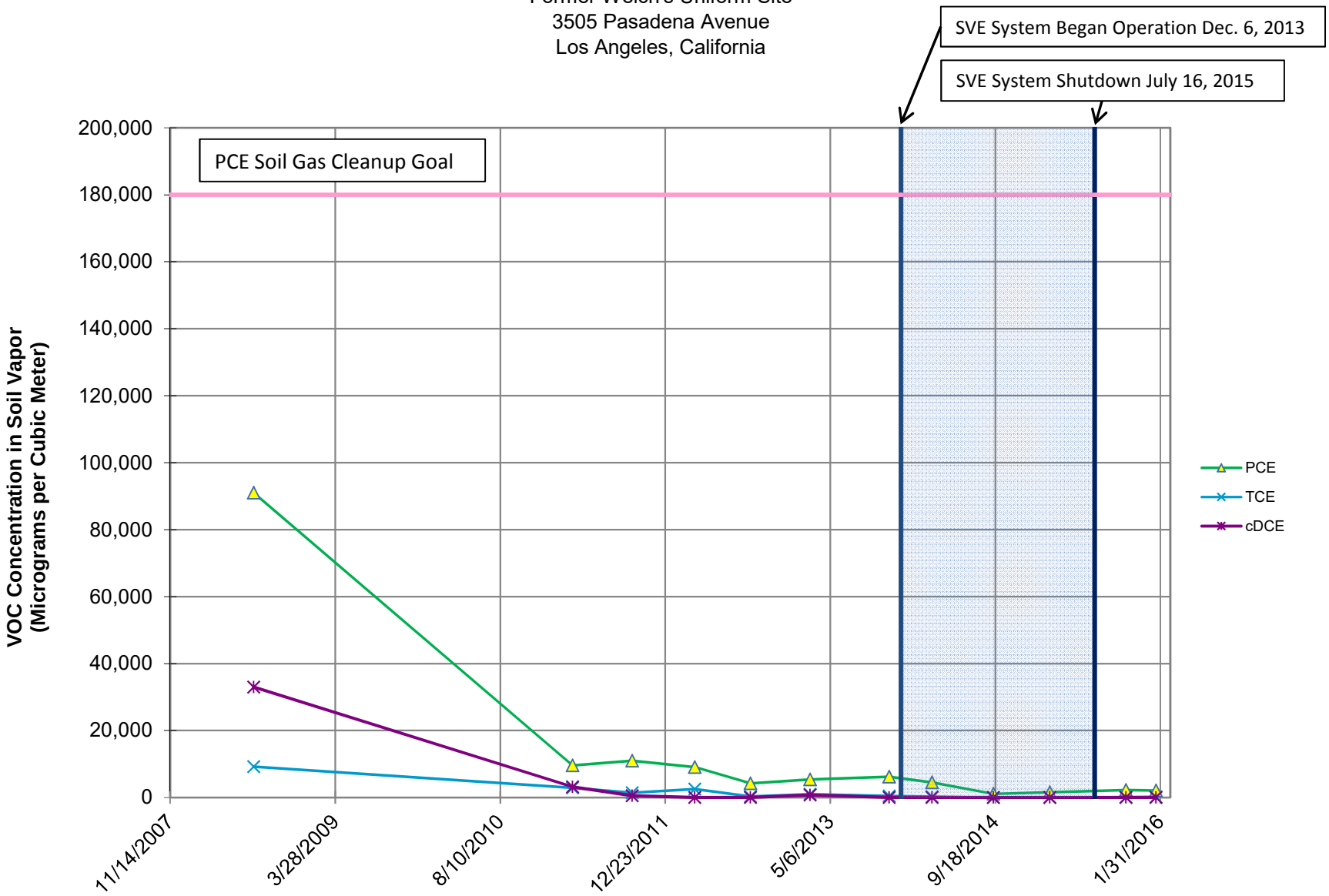



VP-6-20
VOC Concentration vs. Time
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California
SVE System Began Operation Dec. 6, 2013
SVE System Shutdown July 16, 2015
PCE Soil Gas Cleanup Goal
VOC Concentration in Soil Vapor
(Micrograms per Cubic Meter)
140,000
120,000
100,000
80,000
60,000
40,000
20,000
0
11/14/2007
3/28/2009
8/10/2010
12/23/2011
5/6/2013
9/18/2014
1/31/2016
PCE
TCE
cDCE

VP-6-30

VOC Concentration vs. Time

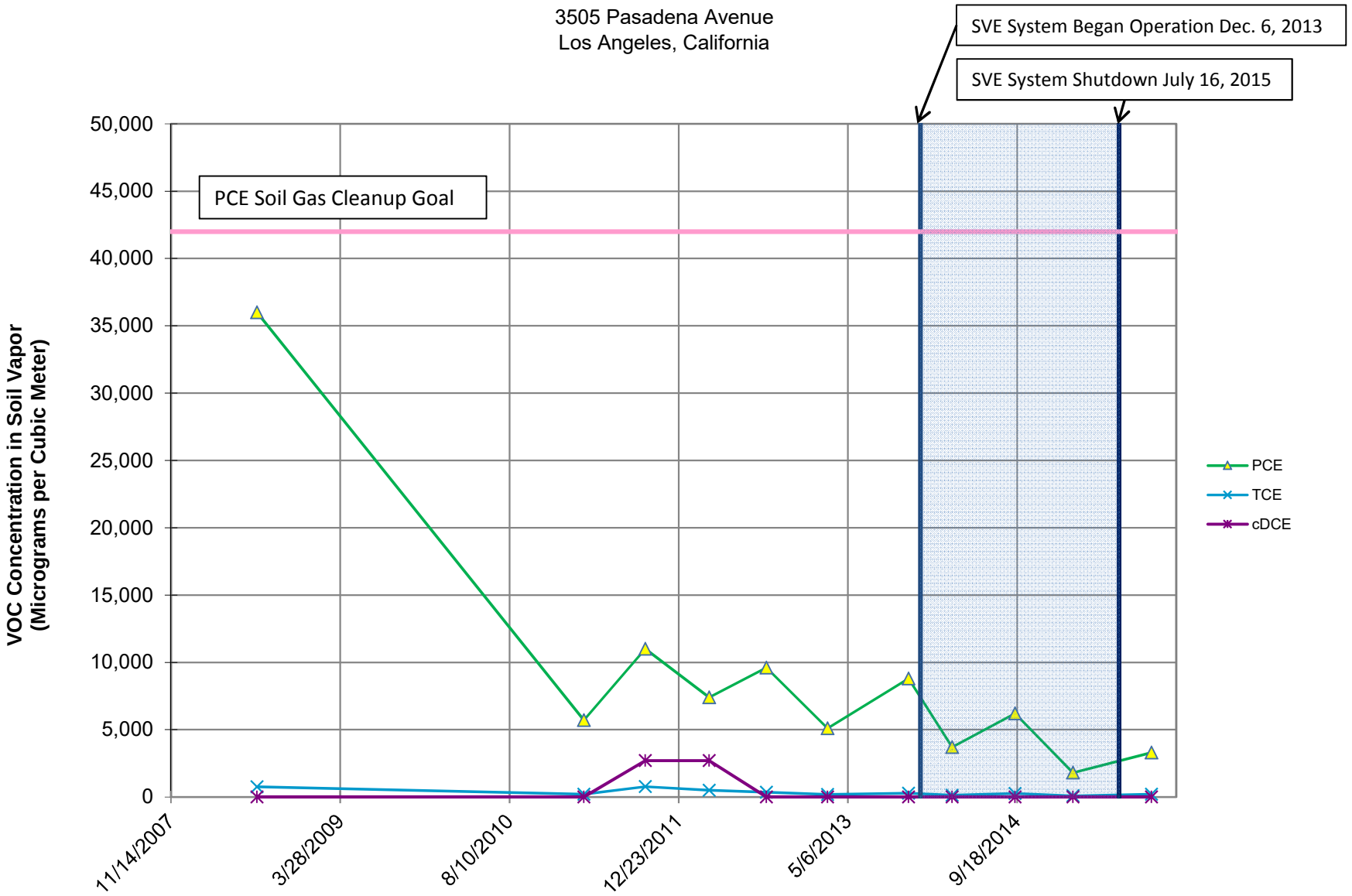
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California

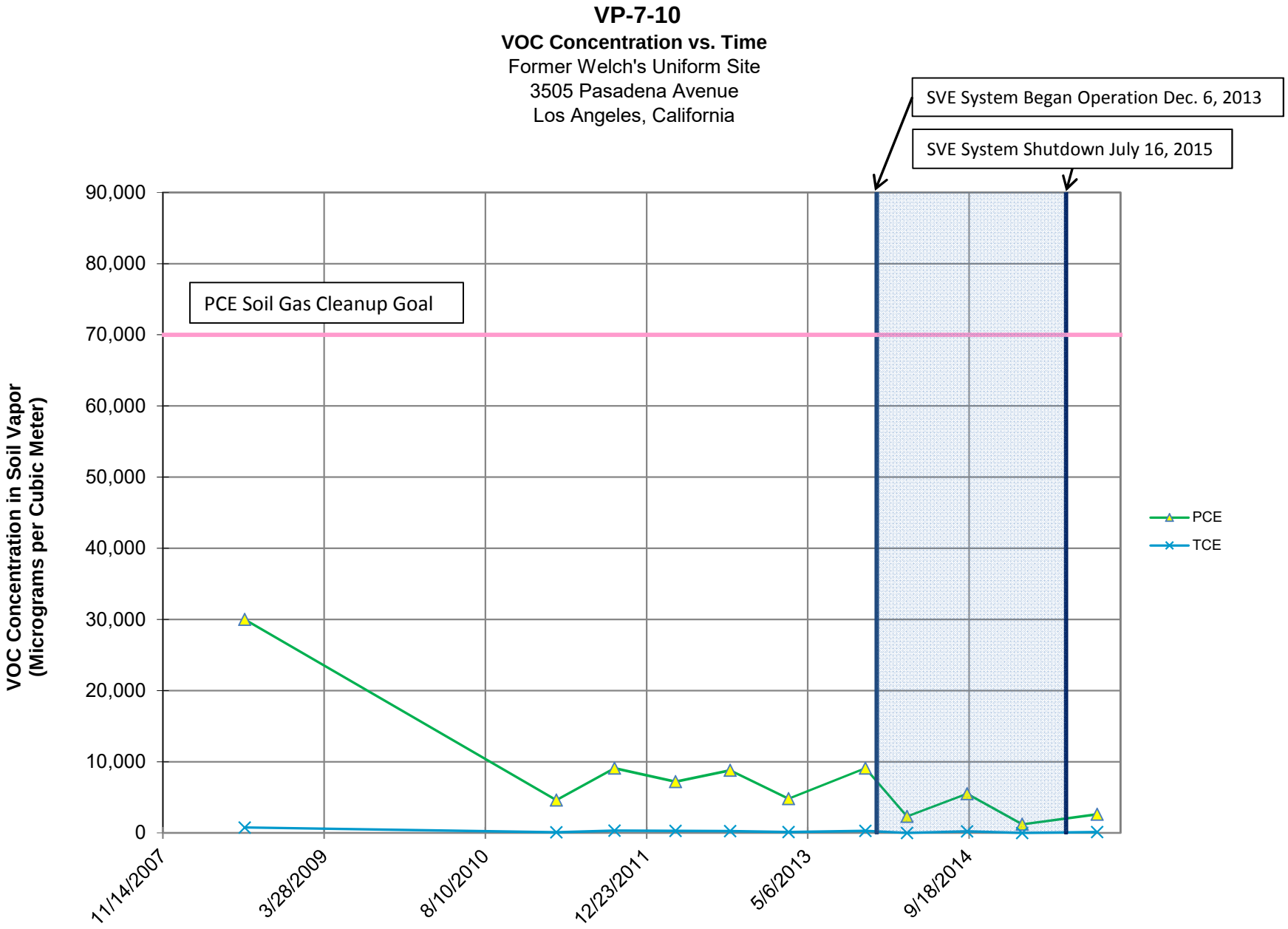


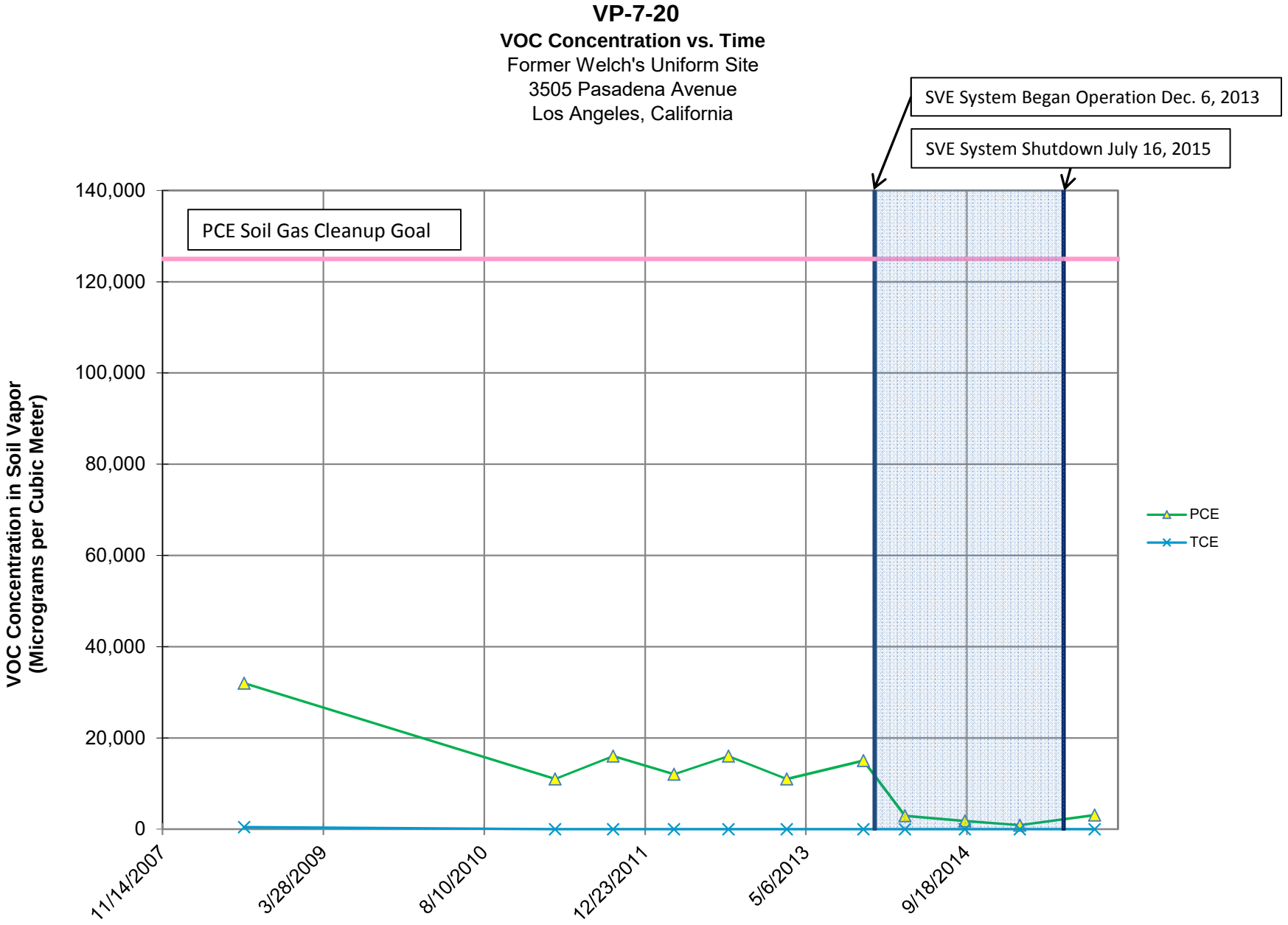
VP-7-5

VOC Concentration vs. Time

Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California



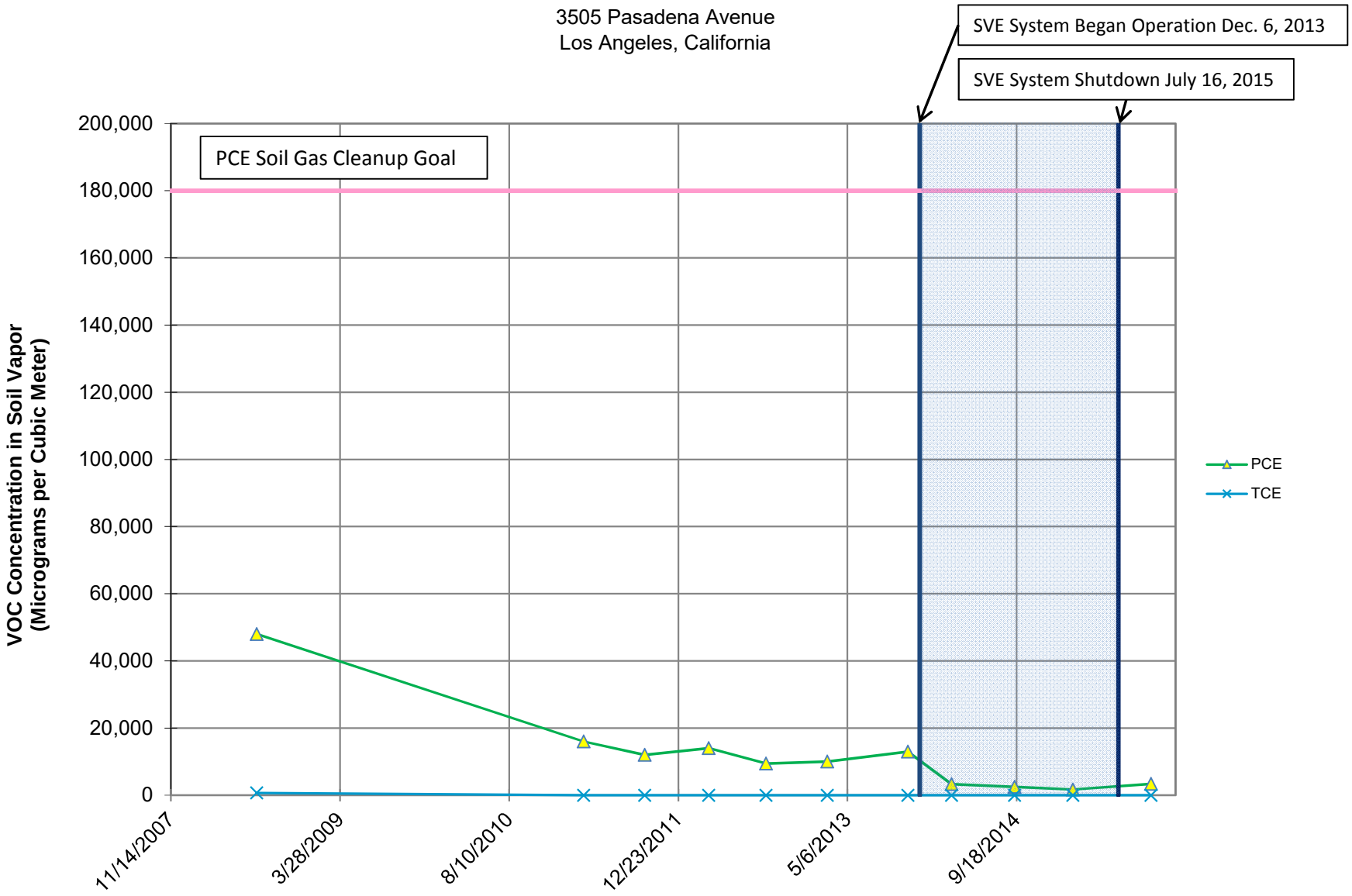

VP-7-10
VOC Concentration vs. Time
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California
SVE System Began Operation Dec. 6, 2013
SVE System Shutdown July 16, 2015
PCE Soil Gas Cleanup Goal
VOC Concentration in Soil Vapor
(Micrograms per Cubic Meter)
90,000
80,000
70,000
60,000
50,000
40,000
30,000
20,000
10,000
0
11/14/2007
3/28/2009
8/10/2010
12/23/2011
5/6/2013
9/18/2014
PCE
TCE

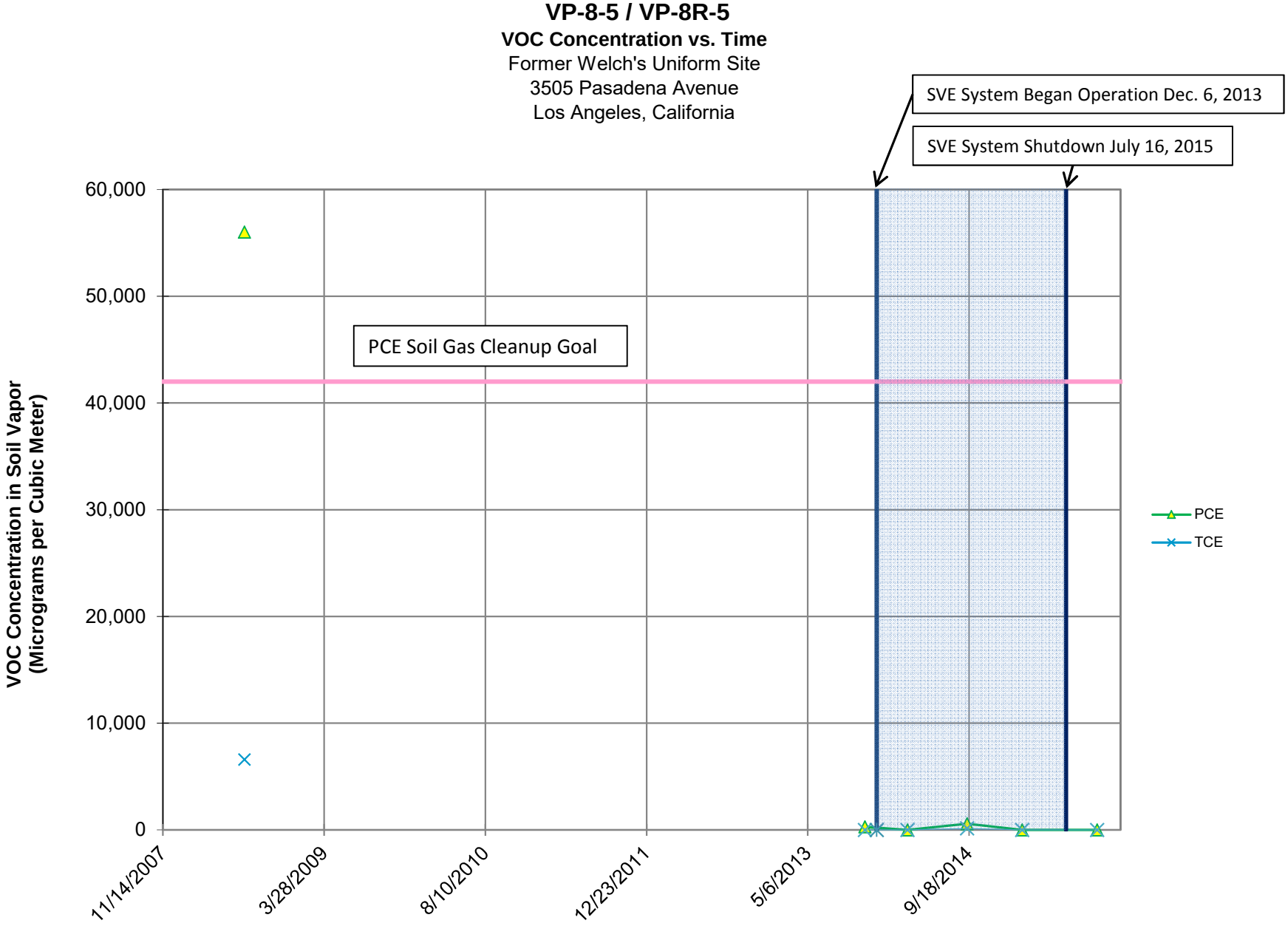

VP-7-20
VOC Concentration vs. Time
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California
SVE System Began Operation Dec. 6, 2013
SVE System Shutdown July 16, 2015
PCE Soil Gas Cleanup Goal
VOC Concentration in Soil Vapor
(Micrograms per Cubic Meter)
140,000
120,000
100,000
80,000
60,000
40,000
20,000
0
11/14/2007
3/28/2009
8/10/2010
12/23/2011
5/6/2013
9/18/2014
PCE
TCE

VP-7-30

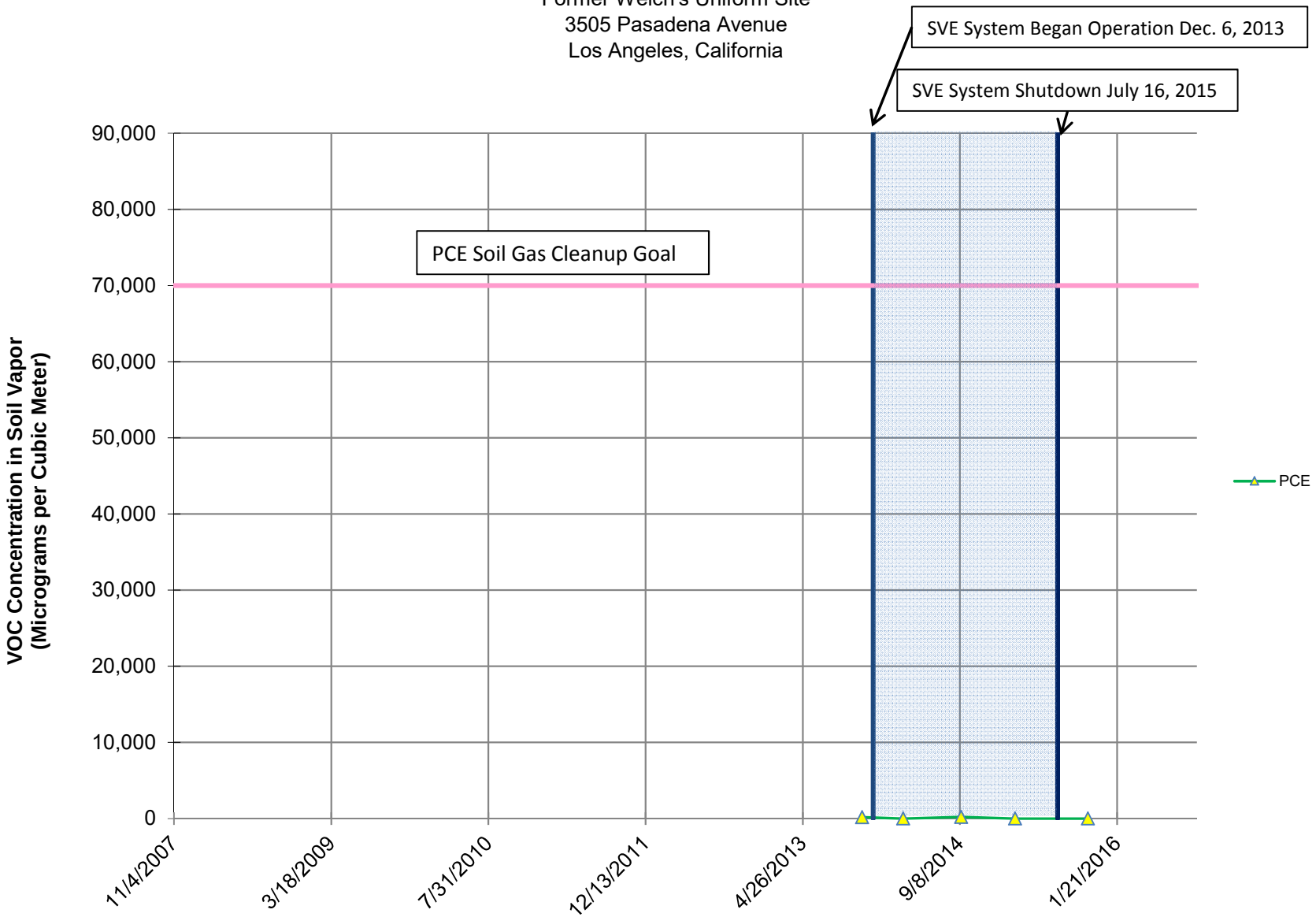
VOC Concentration vs. Time

Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California

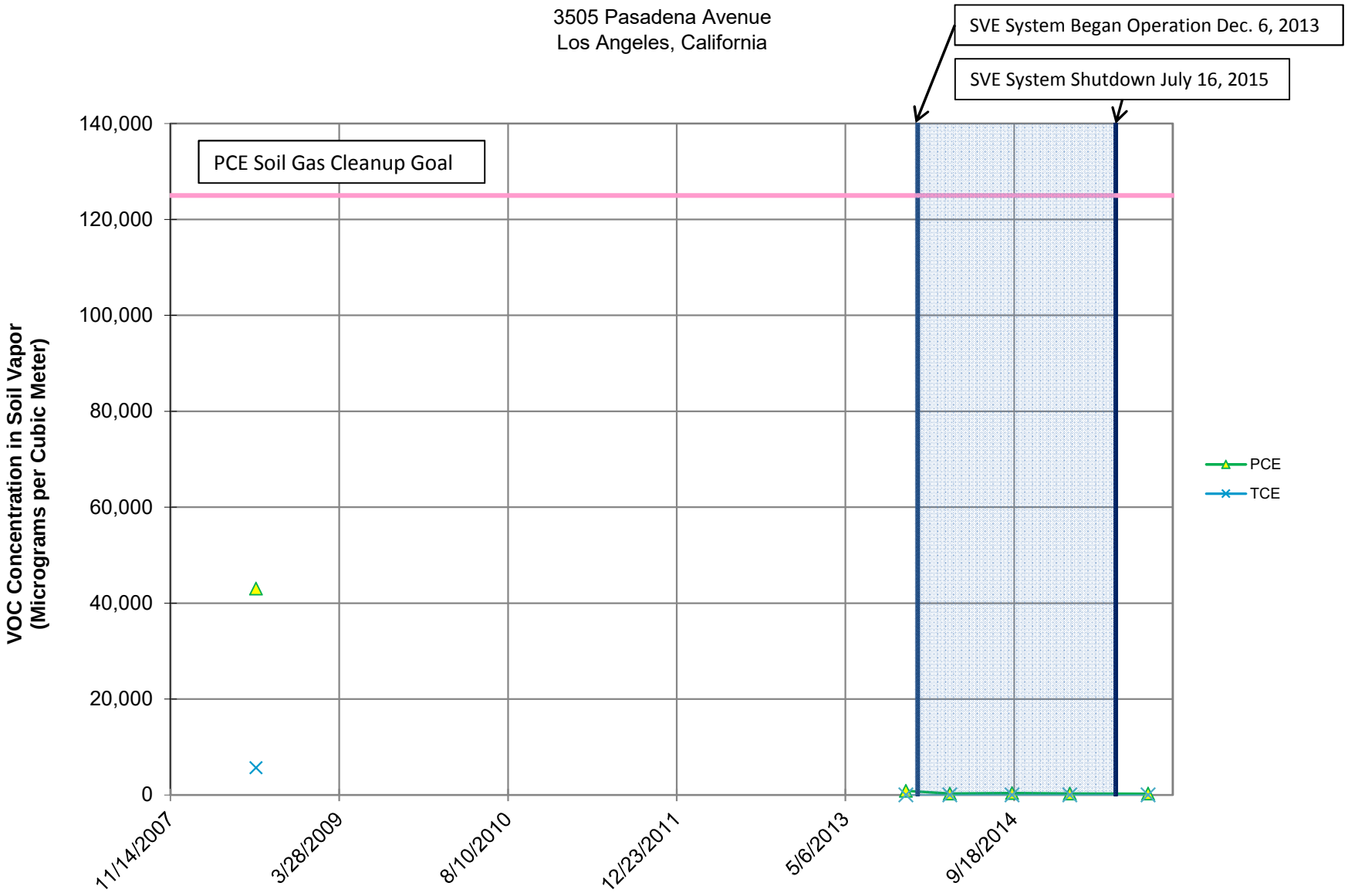



VP-8-5 / VP-8R-5
VOC Concentration vs. Time
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California
SVE System Began Operation Dec. 6, 2013
SVE System Shutdown July 16, 2015
PCE Soil Gas Cleanup Goal
VOC Concentration in Soil Vapor
(Micrograms per Cubic Meter)
60,000
50,000
40,000
30,000
20,000
10,000
0
11/14/2007
3/28/2009
8/10/2010
12/23/2011
5/6/2013
9/18/2014
PCE
TCE

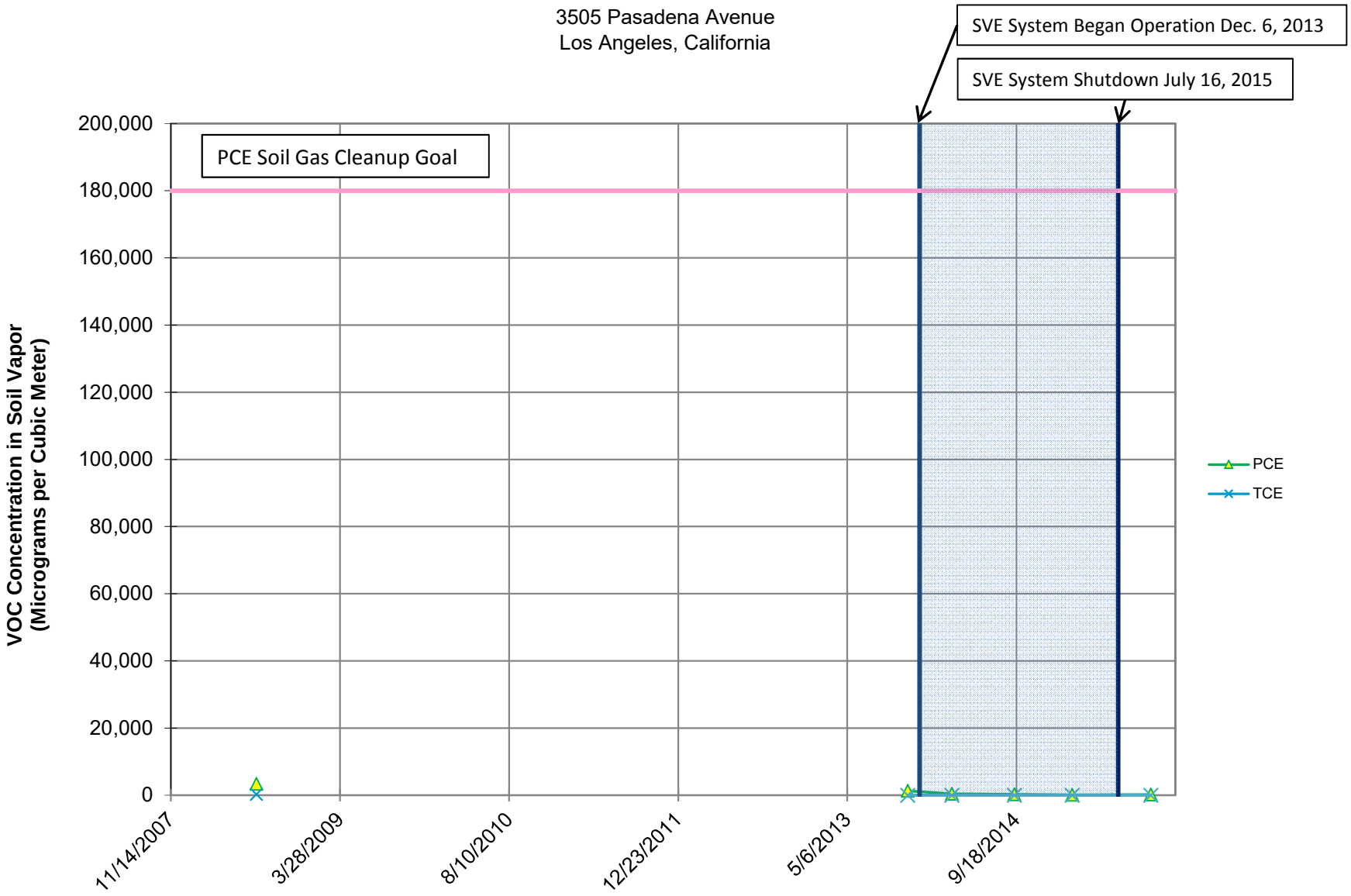
VP-8-10 / VP-8R-10
VOC Concentration vs. Time
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California



VP-8-20 / VP-8R-20
VOC Concentration vs. Time
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California



VP-8-30 / VP-8R-30
VOC Concentration vs. Time
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California



BURNS McDONNELL

CREATE AMAZING.

Burns & McDonnell
8201 Norman Center Drive
Bloomington, MN 55437
O 952-656-6003
F 952-229-2923
www.burnsmcd.com

January 20, 2017

Ms. Lori Parnass
Department of Toxic Substances Control
9211 Oakdale Avenue
Chatsworth, CA 91311

Re: Summary of Proposed Groundwater Monitoring Well Decommissioning and Annual Groundwater Sampling
Former Welch's Uniform Facility, 3505 N. Pasadena Ave, Los Angeles, CA 90031
DTSC CalStars Site Code 301314
Burns & McDonnell Project No. 96692

Dear Ms. Parnass:

Burns & McDonnell Engineering Company, Inc. (Burns & McDonnell) on behalf of AmeriPride Services Inc. (AmeriPride) has prepared this *Summary of Proposed Groundwater Monitoring Well Decommissioning and Annual Groundwater Sampling* (Summary) for the Former Welch's Uniform Facility (Site) located at 3505 N. Pasadena Avenue, Los Angeles, California (**Figures 1 and 2**). This Summary is intended to provide the California Department of Toxic Substances Control (DTSC) with information regarding the proposed decommissioning of fourteen (14) groundwater monitoring wells associated the Site. Groundwater monitoring of the remaining four (4) groundwater monitoring wells associated with the Site will continue on an annual basis.

Site Background and Remediation Activities
The Site was formerly a commercial linen and apparel laundering and delivery service facility that was established circa 1920 and operated until approximately 1988. All buildings associated with the previous operation were removed in 1993, and the Site is now a vacant parcel. The Site is currently enrolled in a Voluntary Cleanup Agreement executed on June 17, 2007, between the DTSC and AmeriPride.

A soil vapor extraction (SVE) system, which extracted volatile organic compound (VOC) impacted vapors from eleven SVE wells, operated at the Site from December 2013 until July 2015 when it was shut down for rebound testing. The soil vapor rebound testing indicated that all concentrations were below the respective soil vapor cleanup goals, and the cumulative soil vapor risk was evaluated and determined to be below the established risk levels. This information was presented to DTSC in the *Request for NFA of the SVE system and Site Closure* letter, dated April 20, 2016. DTSC subsequently approved the no further action (NFA) and decommissioning of the SVE system in their letter dated August 17, 2016. The SVE system was decommissioned and removed from the Site, and the eleven SVE wells and eight soil vapor monitoring points were decommissioned in December 2016.

8201 Norman Center Drive \ Suite 300 \ Bloomington, MN 55437
O 952-656-6003 \ F 952-229-2923 \ burnsmcd.com

Summary of Historical Groundwater Monitoring

There are currently eighteen groundwater monitoring wells associated with the Site, as shown on **Figure 2**. Groundwater has generally been monitored on a semi-annual basis for VOCs by United States Environmental Protection Agency (USEPA) Method 8260B, as well as natural attenuation water quality parameters. VOC concentrations at most monitoring wells are below the California EPA maximum contaminant levels (MCLs), and groundwater concentrations continue to show a decreasing trend of VOCs at all monitoring wells with detectable VOC concentrations. The primary contaminant of concern at the Site is tetrachloroethene (PCE). During the last groundwater monitoring event in March 2016, the highest PCE concentration at the Site was 12 micrograms per liter (µg/L) observed at monitoring well MW-16A. For further information regarding the groundwater monitoring schedule and historical VOC concentrations in groundwater at the Site, please refer to the *First Semi-Annual 2016 Groundwater and Soil Vapor Monitoring Report*, dated August 17, 2016.

As stated in their letter dated August 17, 2016, DTSC agreed to a decrease in groundwater monitoring frequency from a semi-annual basis to an annual basis. Therefore, the next groundwater monitoring event is scheduled for the spring of 2017. In addition, DTSC also agreed to a decrease in the number of groundwater monitoring wells to be sampled. Therefore, Burns & McDonnell is proposing an updated groundwater monitoring schedule for the Site, which includes the decommissioning of 14 groundwater monitoring wells, with four wells remaining for annual sampling. Details regarding this plan are discussed in the following paragraphs.

Groundwater Monitoring Well Decommissioning

As discussed previously, due to the relatively low and decreasing VOC concentrations observed at the Site, Burns & McDonnell is proposing to decommission the following 14 groundwater monitoring wells: MW-2, MW-7, MW-8A, MW-9A, MW-9B, MW-10B, MW-11, MW-12, MW-13A, MW-13B, MW-14, MW-16B, MW-16C, and K-1 (**Figure 2**). The monitoring well construction details for the 14 wells are included as **Table 1**, and the available historical well logs are included as **Attachment 1**.

Prior to decommissioning, Burns & McDonnell will obtain the proper well permits from the Los Angeles County Department of Public Health (DPH), as well as coordinate any necessary inspections as instructed by the DPH.

It is anticipated that Burns & McDonnell will subcontract the monitoring well decommissioning work with J. & H. Drilling Co., Inc. (J&H Drilling), a California licensed environmental drilling company. J&H Drilling intends to decommission the monitoring wells using a pressure grouting technique, as described in the procedures included as **Attachment 2**. However, these procedures

may change depending on well-specific conditions and DPH requirements. Burns & McDonnell anticipates decommissioning the monitoring wells in February or March 2017.

Annual Groundwater Monitoring

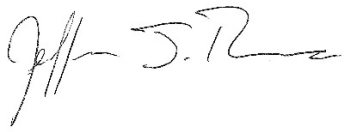
Groundwater monitoring of the following four remaining monitoring wells will continue on an annual basis: MW-3, MW-10A, MW-16A, and MW-15 (**Figure 2**). These four wells are tentatively scheduled to be sampled in March 2017 as part of the 2017 annual groundwater monitoring event. The samples will continue to be analyzed for VOCs and natural attenuation water quality parameters, and the results will be presented to DTSC in the 2017 annual groundwater monitoring report. The analytical results will be evaluated after each monitoring event, and any recommendations for further decommissioning will be presented in the annual groundwater monitoring reports.

Schedule

We plan to complete the monitoring well decommissioning in February or March 2017. The annual monitoring event will be in March 2017. Please respond with questions or your concurrence by February 10, 2017 so the work will not be delayed.

If you have any questions regarding this Summary or the Site in general, please contact Jeff Thuma at 952-656-3668 or jthuma@burnsmcd.com.

Sincerely,
Burns & McDonnell Engineering Company, Inc.



Jeffrey J. Thuma, PG (MN and WI)
Senior Hydrogeologist/Project Manager

Galen Kenoyer, Ph.D., PG (California License 8121, Exp. 2/2017)
Associate Geologist

SMR

Enclosures:

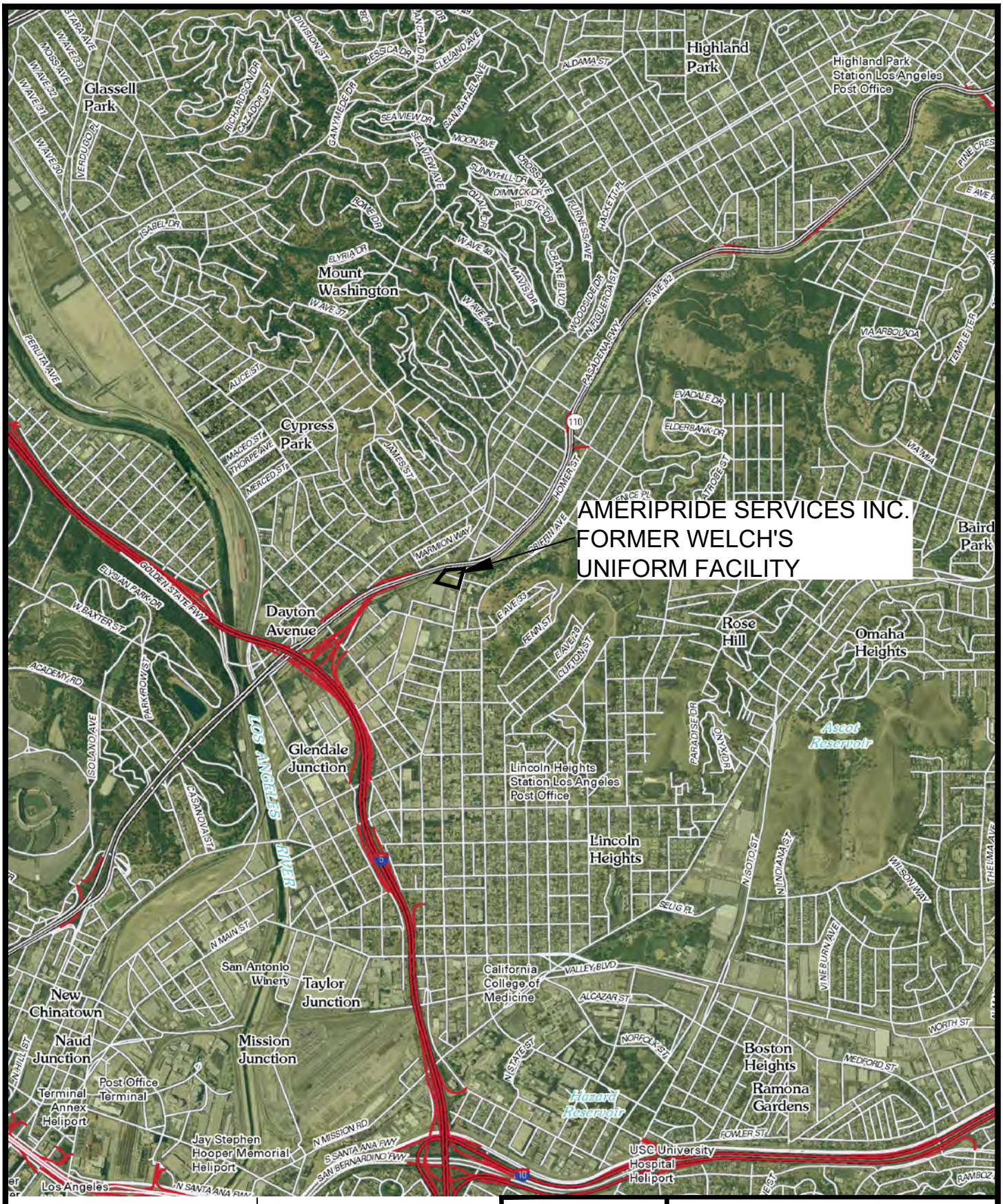
Figure 1: Site Location Map
Figure 2: Groundwater Monitoring Well Locations

Table 1: Groundwater Monitoring Well Summary

Attachment 1: Available Well Construction Logs
Attachment 2: Well Decommissioning Procedures

cc: Randy Cook – AmeriPride Services Inc.

FIGURES



N

0 2500' 5000'

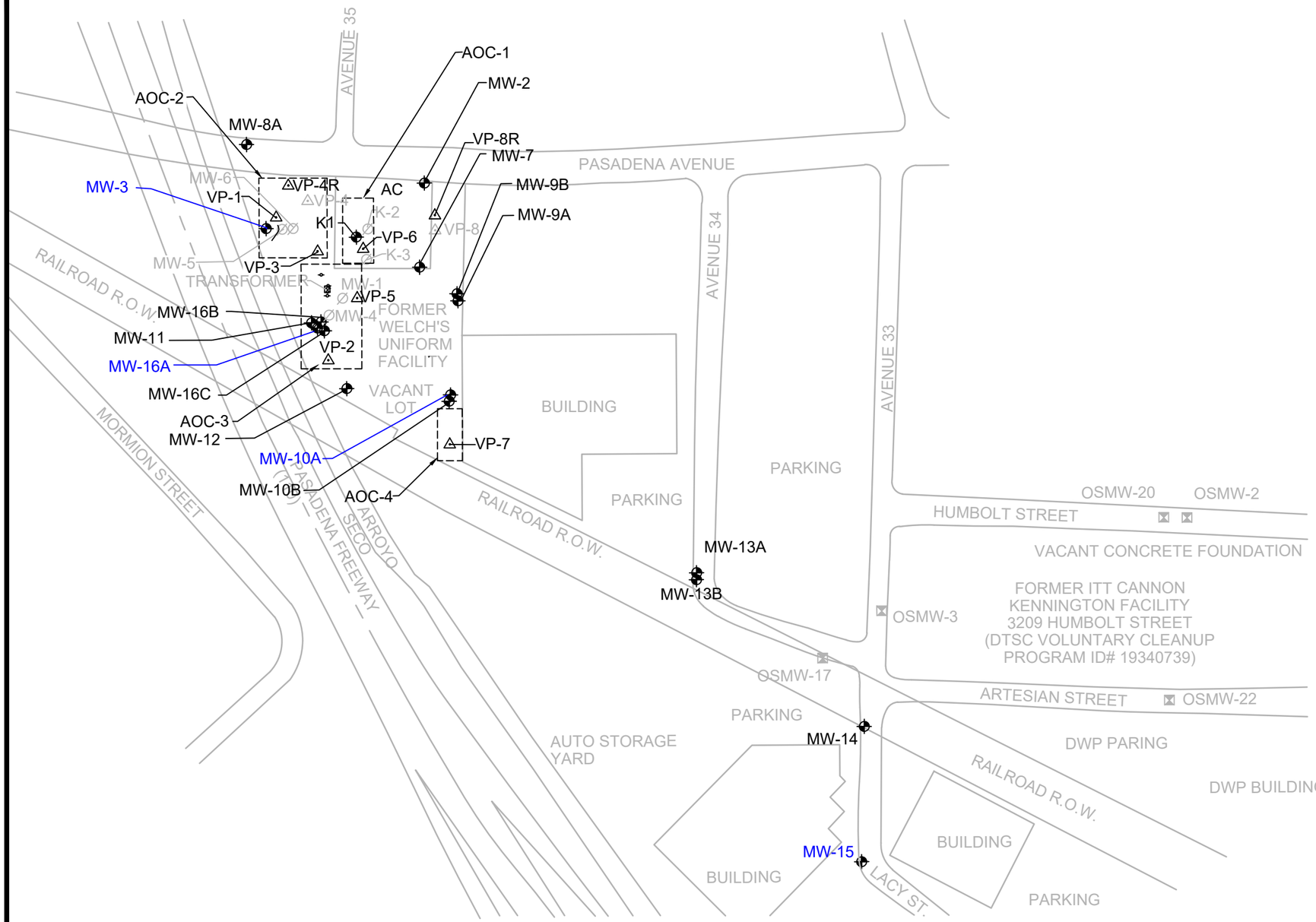
SCALE IN FEET

BURNS McDONNELL

Figure 1
SITE LOCATION MAP
AMERIPRIDE SERVICES INC.
3505 PASADENA AVENUE
LOS ANGELES, CALIFORNIA

COPYRIGHT © 2015 BURNS & McDONNELL ENGINEERING COMPANY, INC.

\\MMN-FPS-001\Data\Projects\AmeriPride\82586 Los Angeles\Cad\MSP CAD Files\65805\2015\07 JUL



LEGEND:

- MONITORING WELL
- ABANDONED/DECOMMISSIONED MONITORING WELL
- OFFSITE MONITORING WELL (APPROXIMATE LOCATION) (NOT OWNED BY AMERIPRIDE)
- SOIL VAPOR POINTS (DECOMMISSIONED DEC. 2016)
- AC — ASPHALT CONCRETE SURFACE
- SURVEYED POWER POLES
- AOC-1 — FORMER MOTOR VEHICLE FUELING AREA
- AOC-2 — FORMER DRY CLEANING AREA
- AOC-3 — FORMER DRIVEWAY AREA
- AOC-4 — SOUTHWEST CORNER OF SITE
- MW-3 — MONITORING WELL TO BE SAMPLED DURING ANNUAL MONITORING EVENTS

N

0 200' 400'

SCALE IN FEET

COPYRIGHT © 2016 BURNS & McDONNELL ENGINEERING COMPANY, INC.

BURNS McDONNELL

date JAN. 3, 2017

designed S. RYNO

FIGURE □

GROUNDWATER MONITORING WELL LOCATIONS
AMERIPRIDE SERVICES INC.
3505 PASADENA AVENUE
LOS ANGELES, CALIFORNIA

project 89698

contract AMERIPRIDE

S□ □ **FIG 0□**

\\MMN-FPS-001\Data\Projects\AmeriPride\82586 Los Angeles\Cad\MSP CAD Files\65805\2016\06 JUNE\FIG 03

TABLE 1

GROUNDWATER MONITORING WELL SUMMARY

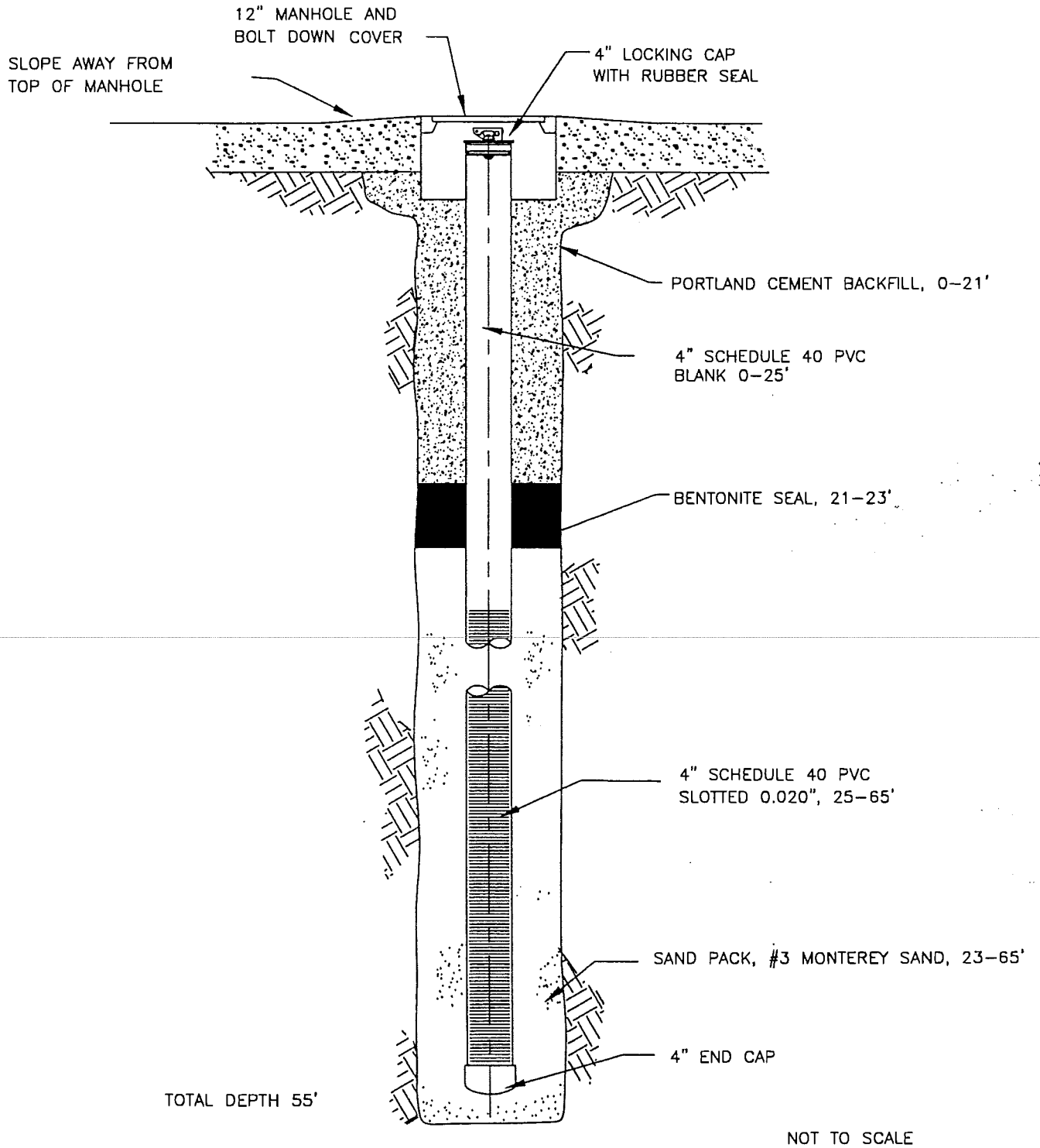
Table 1
Groundwater Monitoring Well Summary
Former Welch's Uniform Site
3505 Pasadene Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Well ID	Date Installed	Top of casing Elevation (ft msl)	Borehole Diameter (in)	Casing Diameter (in)	Slot Size (in)	Screen Interval (ft bgs)	Sand Pack (ft bgs)	Blank Interval (ft bgs)	Seal Interval (ft bgs)	Surface Seal Interval (ft bgs)	Well Log Available in Attachment 4	Notes
MW-2	12/7/88	367.75	10	4	0.02	24-69	22-69	0-24	19-22	1-19	No	
MW-7	2/6/89	364.02	10	4	0.02	25-70	23-70	0-25	20-23	1-20	No	
MW-8A	9/1/00	373.46	10	4	0.02	30-60	27-65	0-30	24-27	1-24	Yes	Well in street found paved over-9/11/14
MW-9A	11/6/89	363.81	10	4	0.02	29-59	26-59	0-29	24-26	1-24	Yes	
MW-9B	11/7/89	363.76	10	4	0.02	58-89	55.5-89	0-58	53.5-55.5	1-53.5	Yes	Retrofit well monument-12/21/09
MW-10B	11/8/89	364.22	10	4	0.02	59-89	49.5-89	0-59	47-49.5	1-47	Yes	Retrofit well monument-12/21/09
MW-11	8/28/00	367.45	10	4	0.02	25-55	22-55	0-25	19-22	1-19	Yes	Well restored to service 09/04/08
MW-12	8/29/00	365.76	10	4	0.02	25-55	21-55	0-25	18-21	1-19	Yes	Well restored to service 09/04/08
MW-13A	8/30/00	360.06	10	4	0.02	32-62	29-64	0-32	26-29	1-26	Yes	Retrofit well monument-12/21/09
MW-13B	8/31/00	360.27	10	4	0.02	70-90	68-96	0-70	65-68	2.5-65	Yes	Retrofit well monument-12/21/09
MW-14	9/5/02	356.67	10	4	0.02	35-55	33-55	0-35	29-33	2-29	Yes	
MW-16B	4/10/06	365.61	10	4	0.02	59-69	57-69.5	0-59	49-57	1-49	Yes	
MW-16C	4/11/06	365.10	10	4	0.02	83-93	80-95	0-83	70-80	1-70	Yes	
K-1	1987	367.77	---	4		??-69	---	---	---	---	No	2-inch reducer

Notes:
ft msl Feet as referenced to mean sea level
ft bgs Feet below ground surface

ATTACHMENT 1

AVAILABLE WELL CONSTRUCTION LOGS



CET Environmental Services, Inc.	WELL DIAGRAM MW-8A	FIGURE
DRAWING: GWS–WELL.DWG	FORMER AMERIPRIDE LOS ANGELES, CALIFORNIA	x
PROJECT NO. 2497		

CAPE ENVIRONMENTAL MANAGEMENT I N C

14761 BENTLEY CIRCLE
TUSTIN, CA. 92780
PHONE (714) 505-1800
FAX: (714) 505-0987

PROJECT NAME: AMERIPRIDE SERVICES, INC. - LOS ANGELES, CA

PROJECT NUMBER: 02497.001.002 | BORING ID.: MW-8A

LOGGED BY: | CHECKED BY: P. Sones | LOCATION: on Pasadena Ave, south of bridge

ELEVATION: 373.40' | WATER LEVEL: 41' bgs | X COORDINATE: 9972.99 | Y COORDINATE: 10150.67

DATE START: 09-01-00 | DATE FINISHED: 09-01-00 | DEPTH: 65.00 ft. | BOREHOLE DIA.: 10

DRILLING EQUIPMENT: Water Development Corp. - Star 2000 30K Air Rotary

SAMPLING METHOD: grab samples from air rotary discharge

NOTES: Set 4" sch 40 PVC; blank-0-30' bgs, slotted-30-60' bgs, backfilled with; #3 montrey sand-27-65' bgs, bentonite chip-24-27' bgs, bentonite concrete-1-24' bgs, traffic box-0-1' bgs

ELEVATION (FT)	DEPTH (FT)	RECOVERY	BLOW COUNT	FID 108 VAPOR READING (ppm)	GRAPHIC LOG	USCS CODE	MATERIAL DESCRIPTION	BOREHOLE COMPLETION
				0		SP	4" asphalt over 6" concrete	
369	5			0			SAND: fine to medium grained, slightly moist, NO HYDROCARBON ODOR	
364	10			0			SAND AND GRAVEL: 1/4 inch to 1 inch diameter, slightly moist	
359	15			0			SAND: medium grained, slightly moist, added 20' of casing	
354	20			0		GP	SAND: medium to coarse grained, slightly moist	
				0			GRAVEL: 1/4 inch to 2" in diameter, slightly moist, some medium to coarse grained sand	
349	25			0		SP	SAND: fine to medium grained, slightly moist, some gravel	

PROJECT NAME: AMERIPRIDE SERVICES, INC. - LOS ANGELES, CA | PROJECT NUMBER: 02497.001.002 | BORING ID.: MW-8A

ELEVATION (FT.)	DEPTH (FT.)	RECOVERY	BLOW COUNT	FID 108 VAPOR READING (ppm)	GRAPHIC LOG	USCS CODE	MATERIAL DESCRIPTION	BOREHOLE COMPLETION
				0			SAND: as above	
				0				
				0			SAND: fine to medium grained, some coarse, some gravel, slightly moist	
339	35			0			SAND: as above boring dry @36' bgs	
334	40			0		SW GW	SAND WITH GRAVEL: fine to medium grained sand, some coarse, some gravel up to 2" diameter, very moist SAND AND GRAVEL: as above, wet	
				0		SP		
329	45			0			GRAVEL: up to 2-1/2 inch diameter, little coarse grained sand, wet	
324	50			0			GRAVEL: as above	
319	55			0			GRAVEL: up to 3 inch in diameter, some coarse grained sand, wet	
				0			GRAVEL: up to 2 inch in diameter, some coarse grained sand, wet	
314	60			0			GRAVEL AND SAND: up to 1-1/2 inch diameter gravel, some coarse grained sand, wet	
				0				
309	65						GRAVEL AND SAND: gravel up to 1-1/2 inch diameter, some medium to coarse grained sand, wet Total depth 65 feet bgs	
304	70							

WELL CONSTRUCTION	CHEMICAL ANALYSES Laboratory	CHEMICAL ANALYSES Field	BLOW COUNT	DEPTH (feet)	SAMPLE INTERVAL	SAMPLE NUMBER	LITHOLOGY SYMBOL	U.S.C.S. DESIGN.	SOIL DESCRIPTION
				0					2" ASPHALT
								SP	
				5					Brown, medium to coarse sand with trace fine gravels, moist
				10					Tan, medium to coarse sand with gravels and cobbles, slightly moist, dense
Blank PVC pipe with cement backfill				15					Reddish brown, medium to coarse sand with fine gravels, moist, very dense
				20					Same as above with coarse gravels
				25					

Surface Elevation: 363.9 feet
Total Depth: 59.0 feet
Date Drilled: November 6, 1989

Logged By: PETER FRANK
Supervised By: FRITZ REIMERS
Diameter of Boring: 10" inches
Water Encountered at: feet

THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"

WELCH'S UNIFORM RENTAL CO., L.A.
LOG of BORING
MW-9A

PLATE 2

Project Number 1E-1021 May 1990

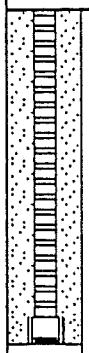
WELL CONSTRUCTION	CHEMICAL ANALYSES Laboratory	CHEMICAL ANALYSES Field	BLOW COUNT	DEPTH (feet)	SAMPLE INTERVAL	SAMPLE NUMBER	LITHOLOGY SYMBOL	U.S.C.S. DESIGN.	SOIL DESCRIPTION
Bentonite plug								SP	Light reddish brown medium sand with fine to coarse gravel and cobbles, moist
				30					Same as above
				35					Gray, medium to coarse sand with fine gravel, moist GROUNDWATER ENCOUNTERED AT 36'
				40				GP	Fine to coarse gravel and cobbles with coarse sand, saturated
Slotted PVC pipe with sand backfill				45				SP	Olive gray, medium to coarse sand with fine to coarse gravel, saturated
				50					Same as above

THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"

Project Number 1E-1021 May 1990

WELCH'S UNIFORM RENTAL CO., L.A.
LOG of BORING
MW-9A

PLATE 2

WELL CONSTRUCTION	CHEMICAL ANALYSES Laboratory	CHEMICAL ANALYSES Field	BLOW COUNT	DEPTH (feet)	SAMPLE INTERVAL	SAMPLE NUMBER	LITHOLOGY SYMBOL	U.S.C.S. DESIGN.	SOIL DESCRIPTION
				55					Olive gray, medium to coarse sand with fine gravel, saturated Boring completed at 59'

THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"

Project Number 1E-1021 May 1990

WELCH'S UNIFORM RENTAL CO., L.A.
LOG of BORING
MW-9A

PLATE
2

WELL CONSTRUCTION	CHEMICAL ANALYSES Laboratory	CHEMICAL ANALYSES Field	BLOW COUNT	DEPTH (feet)	SAMPLE INTERVAL	SAMPLE NUMBER	LITHOLOGY SYMBOL	U.S.C.S. DESIGN.	SOIL DESCRIPTION
				0					2" ASPHALT
								SP	
				5					Brown, medium to coarse sand with gravel, slightly moist
				10					Brown, medium to coarse sand with gravels and cobbles, slightly moist
Blank PVC pipe with cement backfill				15					Reddish brown, coarse sand with coarse gravels, moist
				20					Same as above
				25					

Surface Elevation: 363.9 feet
Total Depth: 89.0 feet
Date Drilled: November 7, 1989

Logged By: PETER FRANK
Supervised By: FRITZ REIMERS
Diameter of Boring: 10" inches
Water Encountered at: feet

THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"

Project Number 1E-1021 May 1990

WELCH'S UNIFORM RENTAL CO., L.A.
LOG of BORING
MW-9B

PLATE 3

WELL CONSTRUCTION	CHEMICAL ANALYSES Laboratory	CHEMICAL ANALYSES Field	BLOW COUNT	DEPTH (feet)	SAMPLE INTERVAL	SAMPLE NUMBER	LITHOLOGY SYMBOL	U.S.C.S. DESIGN.	SOIL DESCRIPTION
									Reddish brown, medium to coarse sand with fine to coarse gravels, moist
				30					Gray, medium to coarse sand with fine to coarse gravels, moist
				35					GROUNDWATER ENCOUNTERED AT APPROXIMATELY 36'
Blank PVC pipe with cement backfill				40					
				45					Olive gray, medium to coarse sand with medium to coarse gravel, saturated
				50					Same as above

THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"

Project Number 1E-1021 May 1990

WELCH'S UNIFORM RENTAL CO., L.A.
LOG of BORING
MW-9B

PLATE 3

WELL CONSTRUCTION	CHEMICAL ANALYSES Laboratory	CHEMICAL ANALYSES Field	BLOW COUNT	DEPTH (feet)	SAMPLE INTERVAL	SAMPLE NUMBER	LITHOLOGY SYMBOL	U.S.C.S. DESIGN.	SOIL DESCRIPTION
Bentonite p;lug				55				SM	Brown, silty fine sand, very dense, saturated
				60				SP	Reddish brown, medium to coarse sand with fine to coarse gravel, saturated
				65					Grading with lenses of olive gray, fine sandy sily, saturated
Slotted PVC pipe with sand backfill				70					Gray and brown, coarse sand with fine gravels and cobbles, saturated
				75					Reddish brown, medium to coarse sand with fine gravel, saturated
								SM	Grading to reddish brown, fine sand, moist
				80					Reddish brown, silty fine sand
								TS	Bedrock- brown siltstone

THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"

Project Number 1E-1021 May 1990

WELCH'S UNIFORM RENTAL CO., L.A.
LOG of BORING
MW-9B

PLATE
3

WELL CONSTRUCTION	CHEMICAL ANALYSES Laboratory	CHEMICAL ANALYSES Field	BLOW COUNT	DEPTH (feet)	SAMPLE INTERVAL	SAMPLE NUMBER	LITHOLOGY SYMBOL	U.S.C.S. DESIGN.	SOIL DESCRIPTION
								TS	Bedrock, brown siltstone
				85					Alternating beds of fine gray sandstone, siltstone
									Boring completed at 89'

WELL CONSTRUCTION	CHEMICAL ANALYSES Laboratory	CHEMICAL ANALYSES Field	BLOW COUNT	DEPTH (feet)	SAMPLE INTERVAL	SAMPLE NUMBER	LITHOLOGY SYMBOL	U.S.C.S. DESIGN.	SOIL DESCRIPTION
				0					2" ASPHALT
								SP	
				5					Brown, fine to coarse sand with coarse gravel, moist
				10					Reddish brown, medium to coarse sand with fine to coarse gravel, moist
Blank PVC pipe with cement backfill				15					
				20					
				25					

Surface Elevation: 364.3 feet
Total Depth: 89.0 feet
Date Drilled: November 8, 1989

Logged By: PETER FRANK
Supervised By: FRITZ REIMERS
Diameter of Boring: 10" inches
Water Encountered at: feet

THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"

Project Number 1E-1021 May 1990

WELCH'S UNIFORM RENTAL CO., L.A.
LOG of BORING
MW-10B

PLATE 5

WELL CONSTRUCTION	CHEMICAL ANALYSES Laboratory	CHEMICAL ANALYSES Field	BLOW COUNT	DEPTH (feet)	SAMPLE INTERVAL	SAMPLE NUMBER	LITHOLOGY SYMBOL	U.S.C.S. DESIGN.	SOIL DESCRIPTION
								SP	Brown, coarse sand with fine to coarse gravel and cobbles, slightly moist
				30					
				35					Olive dark gray, medium to coarse sand with fine to coarse gravels and cobbles
Blank PVC pipe with cement backfill									GROUNDWATER ENCOUNTERED AT APPROXIMATELY 38'
				40					Reddish brown, medium to coarse sand, very moist
				45					
Bentonite plug									
				50					

THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"

Project Number 1E-1021 May 1990

WELCH'S UNIFORM RENTAL CO., L.A.
LOG of BORING
MW-10B

PLATE 5

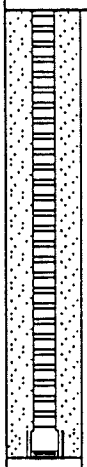
WELL CONSTRUCTION	CHEMICAL ANALYSES Laboratory	CHEMICAL ANALYSES Field	BLOW COUNT	DEPTH (feet)	SAMPLE INTERVAL	SAMPLE NUMBER	LITHOLOGY SYMBOL	U.S.C.S. DESIGN.	SOIL DESCRIPTION
				55				SP	Reddish brown, medium to coarse sand with fine gravel, saturated
				60					
				65					Reddish brown, medium to coarse sand with fine to coarse gravel, saturated
Slotted PVC pipe with sand backfill				70				SM	Reddish brown, silty fine to coarse sand, very moist
				75					Reddish brown, silty fine sand, saturated
				80				ML	Reddish brown, fine sandy silt, saturated

THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"

Project Number 1E-1021 May 1990

WELCH'S UNIFORM RENTAL CO., L.A.
LOG of BORING
MW-10B

PLATE 5

WELL CONSTRUCTION	CHEMICAL ANALYSES Laboratory	CHEMICAL ANALYSES Field	BLOW COUNT	DEPTH (feet)	SAMPLE INTERVAL	SAMPLE NUMBER	LITHOLOGY SYMBOL	U.S.C.S. DESIGN.	SOIL DESCRIPTION
				85				TS	Bedrock- redish brown sandstone Boring completed at 89'

THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"

Project Number 1E-1021 May 1990

WELCH'S UNIFORM RENTAL CO., L.A.
LOG of BORING
MW-10B

PLATE
5
Page 4of 4

CAPE ENVIRONMENTAL MANAGEMENT I N C

14761 BENTLEY CIRCLE
TUSTIN, CA. 92780
PHONE (714) 505-1800
FAX: (714) 505-0987

PROJECT NAME: AMERIPRIDE SERVICES, INC. - LOS ANGELES, CA

PROJECT NUMBER: 02497.001.002 | BORING ID.: MW-11

LOGGED BY: | CHECKED BY: P. Sones | LOCATION: south of fenceline, 20' east of MW-4

ELEVATION: 363.78' | WATER LEVEL: 36.6' BGS | X COORDINATE: 9663.64 | Y COORDINATE: 10037.27

DATE START: 08-28-00 | DATE FINISHED: 08-29-00 | DEPTH: 56.00 ft. | BOREHOLE DIA.: 10

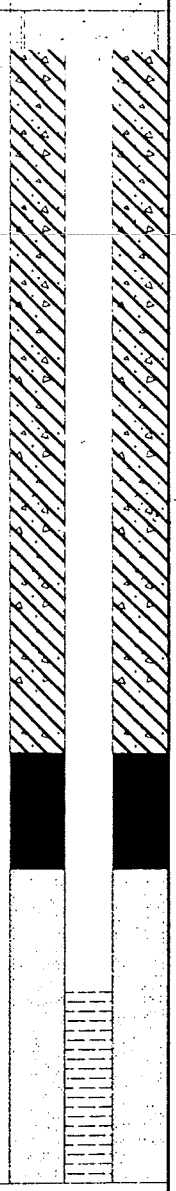
DRILLING EQUIPMENT: Water Development Corp. - Star 2000 30K Air Rotary

SAMPLING METHOD: grab samples from air rotary discharge

NOTES: Set 4" sch 40 PVC; blank-0-25' bgs, slotted-25-55' bgs, backfilled with; #3 montrey sand-22-66' bgs, bentonite chip-19-22' bgs, bentonite concrete-1-19' bgs, traffic box-0-1' bgs

ELEVATION (FT)	DEPTH (FT)	RECOVERY	BLOW COUNT	FID 108 VAPOR READING (ppm)	GRAPHIC LOG	USCS CODE	MATERIAL DESCRIPTION
						SW	Dirt surface
				0		GW	SAND WITH GRAVEL: up to 1 inch diameter, slightly moist
359	5			0			
354	10			0			SAND WITH GRAVEL: up to 1 inch diameter, slightly moist
349	15			0			SAND WITH GRAVEL: up to 1-1/2 inch diameter, slightly moist
344	20			0			SAND WITH GRAVEL: up to 1 inch diameter, slightly moist
339	25			8			SAND WITH GRAVEL: up to 1 inch diameter, slightly moist
				30			

BOREHOLE COMPLETION



PROJECT NAME: AMERIPRIDE SERVICES, INC. - LOS ANGELES, CA	PROJECT NUMBER: 02497.001.002	BORING ID.: MW-11

ELEVATION (FT.)	DEPTH (FT.)	RECOVERY	BLOW COUNT	FID 108 VAPOR READING (ppm)	GRAPHIC LOG	USCS CODE	MATERIAL DESCRIPTION	BOREHOLE COMPLETION
							SAND AND GRAVEL: moist	
							SAND AND GRAVEL: moist	
329	35			0			SAND AND GRAVEL: wet	
324	40			0			SAND WITH GRAVEL: up to 1 inch diameter, wet	
319	45			0			SAND WITH GRAVEL: up to 1-1/2 inch diameter, wet	
314	50			0			SAND WITH GRAVEL: up to 1-1/2 inch diameter, wet	
309	55			0			SAND WITH GRAVEL: up to 1 inch diameter, wet	
							Total depth 56 feet bgs	
304	60							
299	65							
294	70							

CAPE ENVIRONMENTAL MANAGEMENT I N C

14761 BENTLEY CIRCLE
TUSTIN, CA. 92780
PHONE (714) 505-1800
FAX: (714) 505-0987

PROJECT NAME: AMERIPRIDE SERVICES, INC. - LOS ANGELES, CA

PROJECT NUMBER: 02497.001.002 | BORING ID.: MW-12

LOGGED BY: | CHECKED BY: P. Sones | LOCATION: south of arc of fence line

ELEVATION: 363.55' | WATER LEVEL: 36.81' | X COORDINATE: 9549.66 | Y COORDINATE: 9976.09

DATE START: 08-29-00 | DATE FINISHED: 08-29-00 | DEPTH: 55.00 ft. | BOREHOLE DIA.: 10

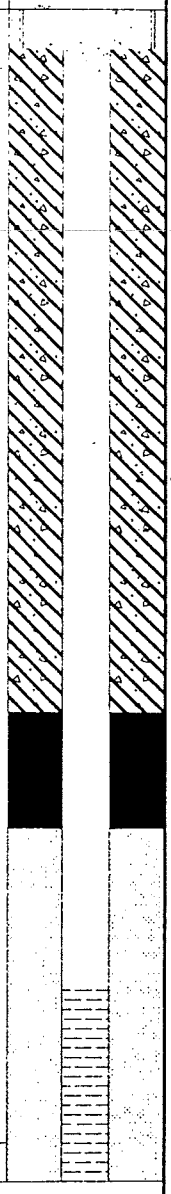
DRILLING EQUIPMENT: Water Development Corp. - Star 2000 30K Air Rotary

SAMPLING METHOD: grab samples from air rotary discharge

NOTES: Set 4" sch 40 PVC; blank-0-25' bgs, slotted-25-55' bgs, backfilled with; #3 montrey sand-21-55' bgs, bentonite chip-18-21' bgs, bentonite concrete-1-18' bgs, traffic box-0-1' bgs

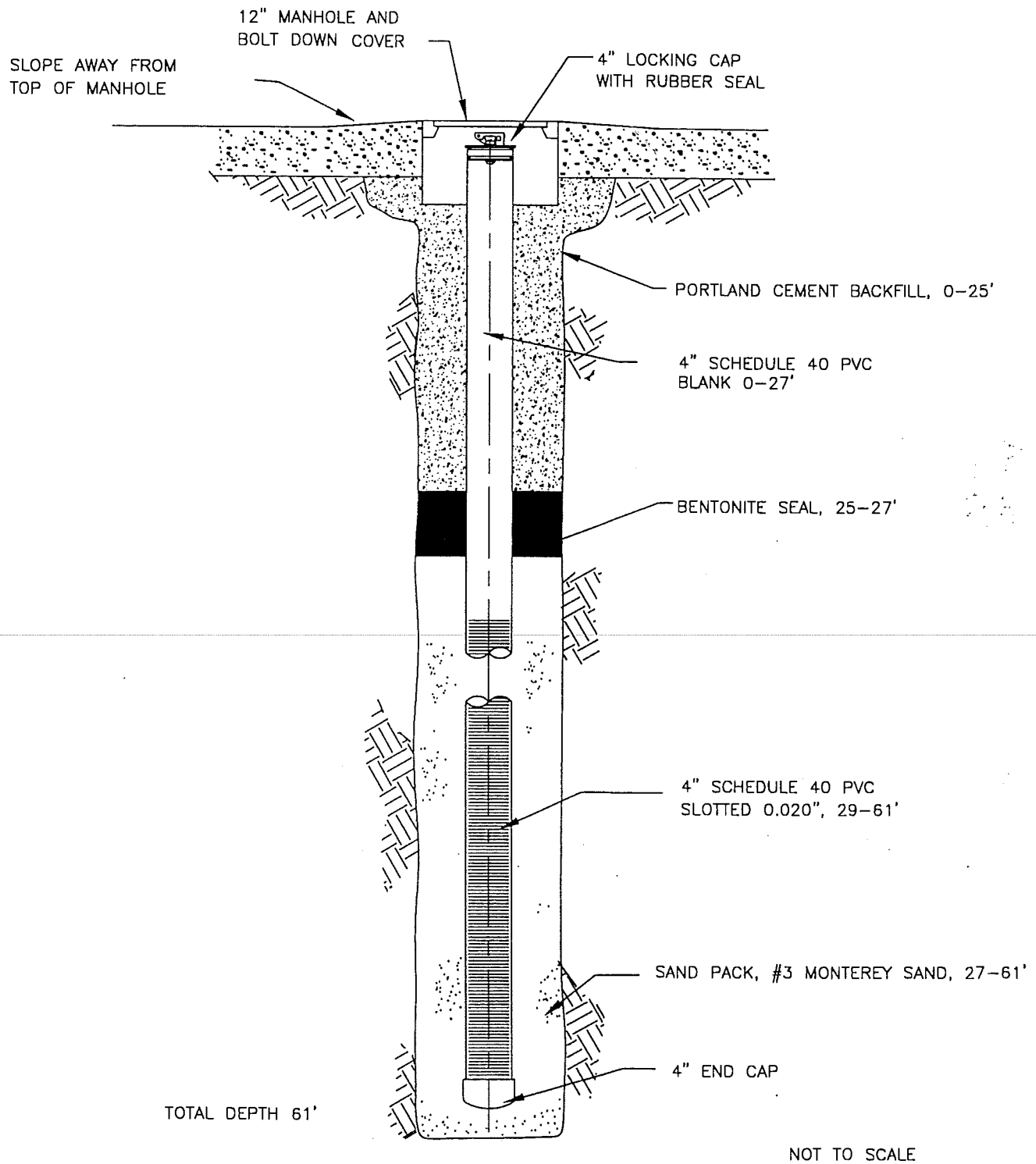
ELEVATION (FT)	DEPTH (FT)	RECOVERY	BLOW COUNT	FID 108 VAPOR READING (ppm)	GRAPHIC LOG	USCS CODE	MATERIAL DESCRIPTION
						SW	Dirt surface
359	5			0			SAND: with little gravel up to 1 inch diameter, slightly moist
354	10			0			SAND: with trace of gravel up to 1 inch diameter, slightly moist
349	15			0			SAND: trace gravel, slightly moist
344	20			0			SAND: trace gravel, slightly moist
339	25			0			SAND: little gravel, slightly moist
						SW	

BOREHOLE COMPLETION



PROJECT NAME: AMERIPRIDE SERVICES, INC. - LOS ANGELES, CA | PROJECT NUMBER: 02497.001.002 | BORING ID.: MW-12

ELEVATION (FT.)	DEPTH (FT.)	RECOVERY	BLOW COUNT	FID 108 VAPOR READING (ppm)	GRAPHIC LOG	USCS CODE	MATERIAL DESCRIPTION	BOREHOLE COMPLETION
				0		GW	SAND AND GRAVEL: gravel up to 1-1/2 inch diameter, moist	
329	35			2			SAND AND GRAVEL: gravel up to 1 inch diameter, moist	
324	40			0			SAND AND GRAVEL: gravel up to 1-1/2 inch diameter, wet	
319	45			0			SAND AND GRAVEL: gravel up to 1 inch diameter, wet	
314	60			0			SAND AND GRAVEL: gravel up to 1 inch diameter, wet	
309	55			0			SAND AND GRAVEL: gravel up to 1-1/2 inch diameter, wet	
							Total depth 55 feet bgs	
304	60							
299	65							
294	70							



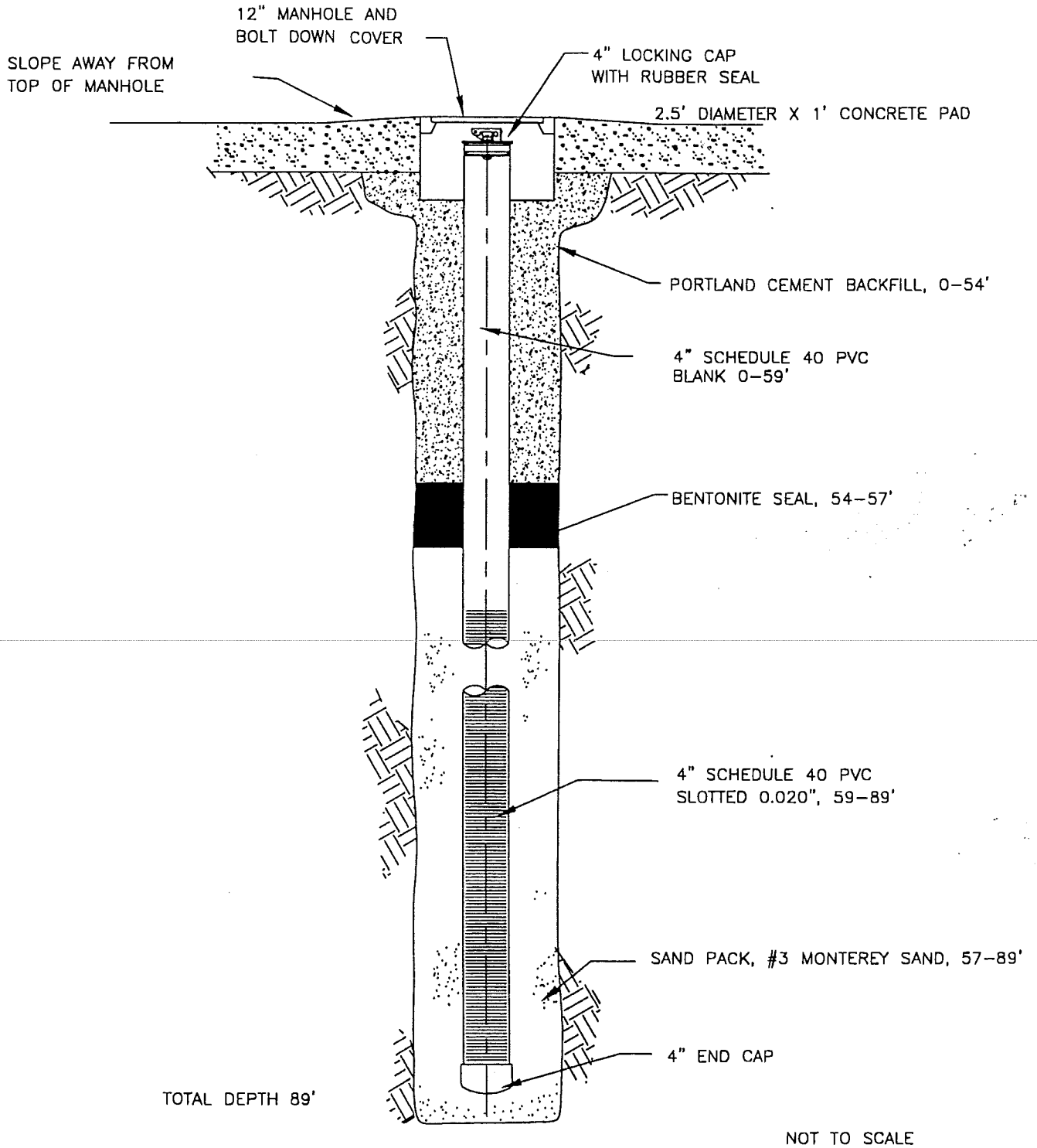
CET Environmental Services, Inc.	WELL DIAGRAM MW-13A	FIGURE
DRAWING: GW–WELL.DWG	FORMER AMERIPRIDE LOS ANGELES, CALIFORNIA	x
PROJECT NO. 2497		

CAPE ENVIRONMENTAL MANAGEMENT I N C	14761 BENTLEY CIRCLE TUSTIN, CA. 92780 PHONE (714) 505-1800 FAX: (714) 505-0987	PROJECT NAME: AMERIPRIDE SERVICES, INC. - LOS ANGELES, CA	
		PROJECT NUMBER: 02497.001.002	BORING ID.: MW-13A
LOGGED BY:	CHECKED BY: P. Sones	LOCATION: on W Avenue 34, east of MW-13B	
ELEVATION: 359.95'	WATER LEVEL: 42' bgs	X COORDINATE: 9246.26	Y COORDINATE: 9386.95
DATE START: 08-30-00	DATE FINISHED: 08-30-00	DEPTH: 64.00 ft.	BOREHOLE DIA.: 10
DRILLING EQUIPMENT: Water Development Corp. - Star 2000 30K Air Rotary		NOTES: Set 4" sch 40 PVC; blank-0-32' bgs, slotted-32-62' bgs, backfilled with; #3 montrey sand-29-64' bgs, bentonite chip-26-29' bgs, bentonite concrete-1-26' bgs, traffic box-0-1' bgs	
SAMPLING METHOD: grab samples from air rotary discharge			

ELEVATION (FT)	DEPTH (FT)	RECOVERY	BLOW COUNT	FID 108 VAPOR READING (ppm)	GRAPHIC LOG	USCS CODE	MATERIAL DESCRIPTION	BOREHOLE COMPLETION
				0		SW	6" asphalt surface	
355	5			0			SAND: fine to medium grained, slightly moist	
350	10			0			SAND: medium to coarse grained, slightly moist	
345	15			0			SAND AND GRAVEL: medium to coarse grained sand, gravel up to 1 inch diameter, slightly moist	
340	20			0			SAND: medium to coarse grained, slightly moist	
335	25			0			SAND: and little gravel, medium to coarse grained, slightly moist	

PROJECT NAME: AMERIPRIDE SERVICES, INC. - LOS ANGELES, CA | PROJECT NUMBER: 02497.001.002 | BORING ID.: MW-13A

ELEVATION (FT.)	DEPTH (FT.)	RECOVERY	BLOW COUNT	FID 108 VAPOR READING (ppm)	GRAPHIC LOG	USCS CODE	MATERIAL DESCRIPTION	BOREHOLE COMPLETION
				0			SAND: little gravel, medium to coarse grained, gravel up to 1 inch diameter, slightly moist	
325	35			0		SW GW	SAND AND GRAVEL: medium to coarse grained, gravel up to 1 1/2" in diameter, slightly moist	
320	40			0			SAND AND LITTLE GRAVEL: medium to coarse grained, moist	
				0				
315	45			0			SAND AND LITTLE GRAVEL: medium to coarse grained, gravel up to 1 inch diameter	
310	50			0			SAND AND LITTLE GRAVEL: medium to coarse grained, gravel up to 1 1/2 inch diameter	
305	55			0			SAND AND LITTLE GRAVEL: medium to coarse grained, wet	
300	60			0			SAND AND LITTLE GRAVEL: medium to coarse grained, gravel up to 1 1/2 inch diameter	
				0				
295	65						Total depth 64 feet bgs	
290	70							



CET Environmental Services, Inc.	WELL DIAGRAM MW-13B	FIGURE
DRAWING: GW–WELL.DWG	FORMER AMERIPRIDE LOS ANGELES, CALIFORNIA	x
PROJECT NO. 2497		

CAPE ENVIRONMENTAL MANAGEMENT I N C	14761 BENTLEY CIRCLE TUSTIN, CA. 92780 PHONE (714) 505-1800 FAX: (714) 505-0987	PROJECT NAME: AMERIPRIDE SERVICES, INC. - LOS ANGELES, CA	
		PROJECT NUMBER: 02497.001.002	BORING ID.: MW-13B
LOGGED BY:	CHECKED BY: P. Sones	LOCATION: on W Avenue 34, west of MW-13A	
ELEVATION: 360.11'	WATER LEVEL: approx. 42' bgs	X COORDINATE: 9237.55	Y COORDINATE: 9386.95
DATE START: 08-31-00	DATE FINISHED: 08-31-00	DEPTH: 96.00 ft.	BOREHOLE DIA.: 10
DRILLING EQUIPMENT: Water Development Corp. - Star 2000 30K Air Rotary		NOTES: Set 4" sch 40 PVC; blank-0-70' bgs, slotted-70-90' bgs, backfilled with; #3 montrey sand-68-96' bgs, bentonite chip-65-68' bgs, bentonite concrete-2.5-65' bgs, concrete-1-2.5' bgstraffic box-0-1' bgs	
SAMPLING METHOD: grab samples from air rotary discharge			

ELEVATION (FT)	DEPTH (FT)	RECOVERY	BLOW COUNT	FID 108 VAPOR READING (ppm)	GRAPHIC LOG	USCS CODE	MATERIAL DESCRIPTION	BOREHOLE COMPLETION
						SP	4" asphalt	
				0			SAND: with some gravel, 1/2 to 3/4 inch diameter, dry, NO ODOR	
355	5							
350	10							
345	15			0			MEDIUM TO COARSE SAND: with some gravel, dry, gravel to 3/8 to 1 inch diameter, angular, NO ODOR	
340	20							
335	25			0			COARSE GRAVELLY SAND: gravel diameter to 3/4 inch, rounded, dry to slightly moist, NO ODOR	

PROJECT NAME: AMERIPRIDE SERVICES, INC. - LOS ANGELES, CA	PROJECT NUMBER: 02497.001.002	BORING ID.: MW-13B

ELEVATION (FT.)	DEPTH (FT.)	RECOVERY	BLOW COUNT	FID 108 VAPOR READING (ppm)	GRAPHIC LOG	USCS CODE	MATERIAL DESCRIPTION	BOREHOLE COMPLETION
				0			MEDIUM SAND: trace gravel to 1/2 inch diameter, dry, NO ODOR	
				0			GRAVELLY SAND: gravel to 1/4 inch diameter, dry, NO ODOR	
325	35						MEDIUM TO COARSE SAND: no gravel	
				0				
				0			GRAVELLY COARSE SAND TO FINE SAND: gravel to 1/4 inch diameter, dry, NO ODOR	
320	40						COARSE TO MEDIUM SAND: with some gravel to 3/4 inch diameter, angular to subrounded, dry to slightly moist, NO ODOR	
					▽		adding water to borehole	▽
315	45			0			SAND: with trace gravel to 3/8 inch	
310	50			0			SAND: with trace gravel to 1/2 inch diameter	
305	55			0			same as above	
300	60			0			same as above	
295	65			0			same as above	
290	70							

PROJECT NAME: AMERIPRIDE SERVICES, INC. - LOS ANGELES, CA | PROJECT NUMBER: 02497.001.002 | BORING ID.: MW-13B

ELEVATION (FT.)	DEPTH (FT.)	RECOVERY	BLOW COUNT	FID 108 VAPOR READING (ppm)	GRAPHIC LOG	USCS CODE	MATERIAL DESCRIPTION	BOREHOLE COMPLETION
285	75			0			MEDIUM SAND: with some gravel to 1/4 inch diameter, saturated, NO ODOR	
280	80						lots of water zone @ approx. 80'	
						GP		
275	85			0			SANDY GRAVEL: diameter to 1 inch, saturated	
						ML	SILT: with some fine sand, slurry in hopper	
270	90							
265	95							
							Total depth 96 feet bgs	
260	100							
255	105							
250	110							

CAPE ENVIRONMENTAL MANAGEMENT I N C
2823 McGAW AVENUE
IRVINE, CA 92614
PHONE: (949) 474-3090
FAX: (949) 474-3091

PROJECT NAME: AMERIPRIDE SERVICES, INC. - LOS ANGELES, CA			
PROJECT NUMBER: 02497.001.002		BORING ID.: MW-14	
LOGGED BY:	CHECKED BY: P. Sones	LOCATION: North side of AVE 33, West of railroad tracks.	
ELEVATION:	WATER LEVEL: 41' bgs	X COORDINATE:	Y COORDINATE:
DATE START: 09-05-02	DATE FINISHED: 09-05-02	DEPTH: 55.00 ft.	BOREHOLE DIA.: 10
DRILLING EQUIPMENT: Cascade Drilling		NOTES: Set 4" sch 40 PVC; blank 0-35' bgs, slotted 35-55' bgs, backfilled with; #3 montery sand 33-55' bgs, bentonite chips 29-33' bgs, cement grout 2-29' bgs, bentonite chips 1-2' bgs, traffic box-0-1' bgs	
SAMPLING METHOD: Ca. Modified Split Spoon			

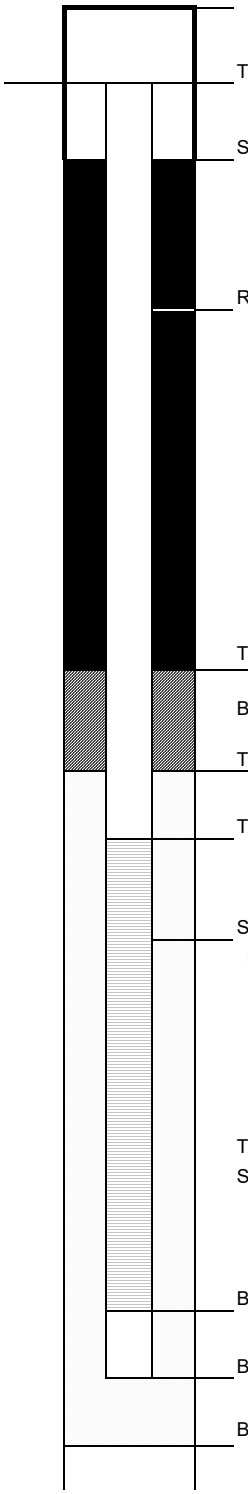
ELEVATION (FT)	DEPTH (FT)	RECOVERY	BLOW COUNT	FID 108 VAPOR READING (ppm)	GRAPHIC LOG	USCS CODE	MATERIAL DESCRIPTION	BOREHOLE COMPLETION
						SW	Hand-augered the first 5' bgs	
	5			0		SW	GRAVELLY SAND: olive (5Y 5/3), moist, very dense, medium to coarse grained sand, trace cobbles, NO HYDROCARBON ODOR	
	10			0		SW	SAME AS ABOVE, NO HYDROCARBON ODOR	
	15			0		SW	SAME AS ABOVE, NO HYDROCARBON ODOR	
	20			0		SW	GRAVELLY SAND: olive (5Y 5/3), moist, very dense, fine to coarse grained sand, trace cobbles, NO HYDROCARBON ODOR	
	25			0		SW	SAME AS ABOVE, NO HYDROCARBON ODOR	

PROJECT NAME: AMERIPRIDE SERVICES, INC. - LOS ANGELES, CA | PROJECT NUMBER: 02497.001.002 | BORING ID.: MW-14

ELEVATION (FT.)	DEPTH (FT.)	RECOVERY	BLOW COUNT	FID 108 VAPOR READING (ppm)	GRAPHIC LOG	USCS CODE	MATERIAL DESCRIPTION	BOREHOLE COMPLETION
				0				
	35			0		SW	SAME AS ABOVE, NO HYDROCARBON ODOR	
	40			0	▽	SW	GRAVELLY SAND: olive (5y 5/3) wet, very dense, medium to coarse grained sand, fine to coarse grained gravel, trace cobble, NO HYDROCARBON ODOR	▽
	45			0		SW	SAME AS ABOVE, NO HYDROCARBON ODOR	
	50			0		SW	COBBLY SAND: olive (5Y 5/3), wet, very dense, fine to coarse grained sand, some gravel NO HYDROCARBON ODOR	
	55			0		SW	GRAVELLY SAND: grayish brown (2.5Y 5/2), wet, medium to coarse grained sand, trace cobbles, NO HYDROCARBON ODOR	
							TD= 56.5 bgs	
	60							
	65							
	70							

ENSR | AECOM	*Client:* AmeriPride Services Inc.	***Appendix F:*** ***MW-16B Well Construction Diagram***
	Project Number: 10770-003-400	
	Site Location: 3505 Pasadena Ave, Los Angeles CA 90031	*Date Installed:* 4/10/06
	Well Location: Onsite *Coords:*	*Inspector:*
	Method: Hollow-Stem CME	*Contractor:* BC2

MONITORING WELL CONSTRUCTION DETAIL



Bottom Depth (feet)

Above-Ground Steel Monument with Hinged Lid — 0

Top of Riser Pipe — 0.5

Surface Seal:
- Type of Material: Volclay and Cement Slurry (Thick) Mixture

Riser Pipe:
- Length: 59
- Inside Diameter (ID): 4-inch
- Type of Material: PVC

Top of Bentonite — 49

Bentonite Seal Thickness (feet): 8

Top of Sand — 57

Top of Screen — 59

Screen:
- Length (feet): 10
- Inside Diameter (ID): 4-inch
- Slot Size: 0.02-inch
- Type of Material: Schedule 40-PVC

Type/Size of Sand: #3 Monterey

Sand Pack Thickness: 12.5

Bottom of Screen — 69

Bottom of Tail Pipe: 6-inch Threaded Bottom Cap — 69.5

Bottom of Borehole — 69.5

Borehole Diameter: 10-inches

Schematic Not Shown to Scale

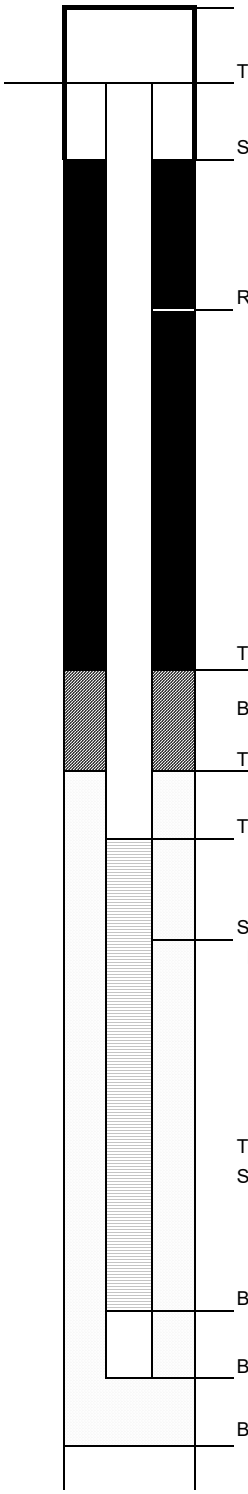
Approved:

Signature

Date

ENSR | AECOM	*Client:* AmeriPride Services Inc.	***Appendix F:*** ***MW-16C Well Construction Diagram***
	Project Number: 10770-003-400	
	Site Location: 3505 Pasadena Ave, Los Angeles CA 90031	*Date Installed:* 4/11/06
	Well Location: Onsite *Coords:*	*Inspector:*
	Method: Hollow-Stem CME	*Contractor:* BC2

MONITORING WELL CONSTRUCTION DETAIL



Bottom Depth (feet)

Above-Ground Steel Monument with Hinged Lid — 0

Top of Riser Pipe — 0.5

Surface Seal:
- Type of Material: Volclay and Cement Slurry (Thick) Mixture

Riser Pipe:
- Length: 83
- Inside Diameter (ID): 4-inch
- Type of Material: Schedule 40 PVC

Top of Bentonite — 70

Bentonite Seal Thickness (feet): 10

Top of Sand — 80

Top of Screen — 83

Screen:
- Length (feet): 10
- Inside Diameter (ID): 4-inch
- Slot Size: 0.02-inch
- Type of Material: Schedule 40-PVC

Type/Size of Sand: #3 Monterey

Sand Pack Thickness: 15

Bottom of Screen — 93

Bottom of Tail Pipe: 6-inch Threaded Bottom Cap — 93.5

Bottom of Borehole — 95

Borehole Diameter: 10-inches

Schematic Not Shown to Scale

Approved:

Signature

Date

ATTACHMENT 2

WELL DECOMMISSIONING PROCEDURES

Well Abandonment Procedures

Property of J. & H. Drilling Co., Inc.

We were the first drilling company to be officially certified by the Los Angeles County D.H.S. to perform Pressure Grouting.

Shop time check list:

Normal check list for truck engines, oil, water etc.

1. Water tanks filled.
2. Clean grout drum and suction hose loaded.
3. Proper pressure heads loaded and clean. Take 2" and 4".
4. Hoisting bails loaded 2" and 4".
5. Sufficient amount of 2" and 4" slip by FIP or MIP couplers.
6. Fresh PVC cement and cleaner.
7. Screw driver drill and screws.
8. Check sales order for proper amount of grout and concrete materials.
9. Check that all unions are on the truck and in proper working condition.

Destruction of monitoring wells

(per. state bulletin 74-90 part 3 section 16,17,18,19.)

Note: J. & H. Drilling will use the state procedures as a guideline but will adapt the best procedures for each particular situation.

Preferred procedure: Pressure grouting abandonment.

a. Quick and clean.
b. Few drums required.
c. Most cost effective.
d. Assures that the existing sand pack and natural aquifer **actually get sealed.**

Procedure for pressure grouting:

1. Open boxes, identify wells, clean and install slip couplers using screws where possible.
2. Determine well depths and grout placement method.
3. Mix grout, first drum goes on the light side to insure that the grout will flow easily through the screen and into the aquifer.
4. Add grout to the well to approximately 5 feet from the ground surface and install pressure head and all proper fittings. (check that all fittings are tight).
5. Inlet hose to pressure head **shall not** oppose the gauge.
6. Insure that grout pump is at the **low** setting and that the rig is on **slow idle.**
7. Slowly pressure the well to **30 PSI**
8. Allow the well (by observing the pressure gauge on the head) to drop off to 10 PSI or less.
9. Continue step 8 until no pressure drop is observed, then add **25 to 30 PSI** and lock off pressure vales at head. **Maintain pressure for appx. 20 min.** to allow grout to set-up.
10. **Before disconnecting** from pressure head **bleed pressure** from rig system through the valve located to the left of the control panel. Catch excess grout in a container.
11. If doing more than one well at the jobsite, now is the time to move to the next well and repeat steps 2 through 10.
12. After proper setup time has been observed slowly release the pressure in the well casing through the valve on the head into a container and remove the pressure head. (if you are finished with the pressure head clean it up and flush out the grout pump, suction hose, and grout drum.)
13. Set up over well with rig, attach the concrete bit to an auger and drill off top 5 to 10 feet of well casing.
14. If required remove well box at this point.
15. Grout the hole with chip bentonite and seal at surface with concrete mix or with quick set.

Safety procedures for pressure grouting

1. Assure that all pressure fitting are in proper working order and that all connections are tight.

2. Make sure when pressuring up that the pump is in low and you are at an idle.

3. When applying pressure assure that all personnel are at a **safe distance. (min. of 10 ft.)** set up drum barricade to contain splash or shrapnel if pedestrians are present.

4. Hold down on the pressure head with the drill stem.

5. Crew helpers are to remain alert and notify the Driller if any safety hazards exist.

6. Become familiar with the pressure hook-ups and observe all gauges before removing any connections or hoses.

Overdrilling Procedures

Pros and cons for this method:

a. Pro.- will remove the casing all the way to the bottom of the well.
b. Con.- is more expensive and time consuming than pressure grouting.
c. Con.- can result in falling off of the casing center which will preclude drilling out the screen and sand pack.
d. Con- does not insure that the sand pack and aquifer is completely plugged.
e. Con- results in possible contaminated cuttings which must be drummed and removed from site.
f. Con- results in extra clean-up of well site.
g. Con- results in excessive wear on rig and drill components.

1. Center rig over well casing.

2. Attach concrete bit with 2 1/2 or 5 foot guide.

3. Drill out well casing to bottom of well using the proper O.D. augers.

4. Grout up hole with proper county back fill requirements.

5. Use tremie pipe if water is present or if well depth is over 30 ft.

6. Remove well boxes if required.

Pulling casing method

Pros and Cons:

a. Pro-quicker than Overdrilling.
b. Pro-can possibly remove all of the casing.
c. Con-casing can break at any point underground resulting in going to the Overdrill method with the exception that you can not insure centering on the casing.
d. Con-safety problems with hanging casing above ground or breaking casing resulting in a shrapnel situation.
e. Con-results in Overdrilling the original borehole anyway so grout can be tremied into the aquifer area.
f. Con-cuttings and casing must be drummed or removed from the site.
g. Con-once this method has begun the option to pressure grout the aquifer is excluded because the casing can separate at any point underground.

1. Open well boxes, identify well size and depths.

2. Overdrill the upper portion of casing with a large diameter auger to remove concrete plug.

3. Using hoisting plug only attach main hoist to casing. Do not use chains or ropes to pull casing.

4. Attempt to start the casing extraction with a steady pull and if not successful use a jerking motion to start the removal.

5. Stop extraction at the first joint possible to unscrew the casing. Do not hang any more casing than necessary.

6. Upon removal of casing you must plug the auger and ream out the bore hole.

7. Using the augers tremie the hole with bentonite grout upon retraction.

8. Remove well box if required.

9. Install surface seal with chip bentonite and concrete patch at ground surface to specified depth.

Safety procedures for pulling casing methods

1. Insure that the safety latch on the hoisting hook is securely fastened.

2. Insure that all personnel are warned and at a safe distance from falling objects.

3. Take extra precautions when starting the casing pull that breakage and line slap can not hit anyone. Only the Driller should be at the rear of the rig when this procedure begins. Warn all people that you are about to begin and that all conversation ends and everyone is aware of what is happening.

COMMUNITY Notice

The mission of DTSC is to protect California's people and environment from harmful effects of toxic substances through the restoration of contaminated resources, enforcement, regulation and pollution prevention.

Former Welch's Uniform Facility Removal Action Workplan Available for Review and Comment

The State of California Department of Toxic Substances Control (DTSC) invites the community to review and comment on a Removal Action Workplan (RAW) to cleanup contamination beneath the Former Welch's Uniform Facility (Site) located at 3505 Pasadena Avenue, Los Angeles, California. The objective of the RAW is to reduce the potential risk to human health and the environment and address any contamination.

This **Fact Sheet provides Information on:**

- Site Background and History
- Environmental Investigations
- Why Cleanup is Necessary
- Proposed Clean Up Plan
- California Environmental Quality Act (CEQA)
- Next Steps
- Where to Find Site Documents
- Who to Contact at DTSC for More Information

Public Comment Period
Sept. 6, to Oct. 7, 2012

The draft RAW and other related documents for this site are available for public review and comment at the locations listed on page 3. (DTSC) will make a final decision after all public comments have been reviewed and considered. Please submit written comments postmarked or recieved by email by October 7, 2012 to:

Alberto Valmidiano
Project Manager
9211 Oakdale Avenue
Chatsworth, CA 91311
alberto.valmidiano@dtsc.ca.gov
(818) 717-6550

Si desea informacion en espanol, comuniquese con Jeanne Garcia al (818) 717-6573

Site Background and History

AmeriPride Services Inc., the current owner of the property at 3505 Pasadena Avenue, Los Angeles, California (Site), proposes to install a soil vapor extraction (SVE) and treatment system to address soil vapor contamination associated with dry cleaning solvent wastes at the former Welch's Uniform Facility.

The Site consists of an approximate 2.6 acre vacant parcel located in a mixed residential and industrial area of Los Angeles, California. The Site is bordered on the north by the Arroyo Seco Channel and the Pasadena Freeway (110); on the west by a railroad right-of-way; on the east by Pasadena Avenue; and on the south by commercial properties.

The Site is currently vacant and no buildings exist on the property. A chain-link fence is located around the perimeter of the Site with a 10-foot high retaining wall along the northeast Site boundary. Four pole-mounted electrical transformers are located in the center of the Site. Gas and water metering equipment are located near the east gate, and a 6,000 square foot area of asphalt pavement is located in the southeast portion of the Site. The Site was formerly a commercial linen and apparel laundering and delivery service facility that was established circa 1920 and operated until approximately 1988. All buildings associated with the previous operation were removed in 1993.

There are no current redevelopment plans for the property, but future uses may include commercial or industrial projects.

Environmental Investigations

Tetrachloroethene (PCE) was first detected in 1988 when soil boring and vapor extraction wells were completed at the Site. Follow up investigation efforts have included collecting soil and soil vapor samples from numerous locations around the Site, as well as installing and monitoring 14 active monitoring wells located on-site and off-site and 7 active soil vapor monitoring points on-site. The monitoring wells and soil vapor points are sampled and analyzed on a semi-annual basis. Since 2007, the California Department of Toxic Substances Control (DTSC) has been overseeing the site investigation, monitoring and cleanup efforts at the Site.

In 2007, the owner of the Site, AmeriPride Services Inc., entered into a voluntary agreement with DTSC to clean up the Site and to submit planning and monitoring documents to DTSC for review and approval.

Why Clean Up is Necessary

The Site is located in a mixed residential and industrial area of Los Angeles, California. It is bordered on the north by the Arroyo-Seco Channel and the Pasadena (110) freeway; on the west by a railroad right of way; on the east by Pasadena Avenue and on the south by commercial properties.

Historical records indicate that hazardous materials stored and handled at the facility included petroleum hydrocarbon based cleaning solvents used in the dry cleaning process. Previous investigations revealed the presence of PCE and trichloroethene (TCE) beneath the Site. PCE naturally degrades to TCE in the environment; the TCE present is likely a breakdown product from PCE. Exposure to high levels of PCE and TCE in indoor air may result in an increased risk of cancer when breathed continuously for an extended amount of time (generally more than 20 years). Environmental cleanup activities at the Site are necessary to protect public and environmental health.

Proposed Clean Up Plan

Soil vapor extraction (SVE) is the proposed approach to clean up the PCE and TCE detected in the soil and soil gas beneath the Site. SVE is a proven technology for treating volatile contamination. The SVE will be accomplished by the installation of a soil vapor extraction system (SVES). The SVES includes the installation of soil vapor extraction wells. The extracted vapor will be treated with granular activated carbon, before the gas will be released to the atmosphere. The SVES will be monitored to insure gas release into the atmosphere is treated successfully and meets the South Coast Air Quality Management District (SCAQMD) standards and regulations. With DTSC oversight, Ameripride proposes to install an SVE system to clean up the Site.

The SVE system will likely operate until the cleanup goals are achieved. Approximately 12 to 24 months of operation time is the initial estimate to treat the contamination. The system will operate until levels are reached that do not pose a significant risk.

California Environmental Quality Act

Under the California Environmental Quality Act (CEQA), DTSC must evaluate whether the proposed actions may have any significant impact to human health and the environment.

As part of this evaluation, DTSC has proposed a Notice of Exemption (NOE) which states that the Removal Action Workplan will not result in a significant negative effect on human health and the environment.

Next Steps

At the close of the Public Comment Period, DTSC will review and consider any public comments and make a final decision on the Removal Action Workplan. A Response to Comments document will be mailed to everyone who makes a comment and provides their name and address. A copy of the Response to Comments document will be placed in the Information Repositories listed in this fact sheet.

Once the Plan is approved the system will be built and work will likely begin in Fall 2012

Where to Find Project Documents

The RAW and other site related documents are available for public review at the information repositories listed below. The entire Administrative Record is available at the DTSC Chatsworth Office.

Lincoln Heights Branch
Los Ángeles Public Library
2530 Workmen Street
Los Angeles, California 90031
Phone: (323) 226-1692

Department of Toxic Substances Control
Regional Records Room
9211 Oakdale Avenue
Chatsworth, California 91311
Phone: (818) 717-6521

Copies of key technical reports, fact sheets and other site-related information are also available online at DTSC's website: *www.envirostor.dtsc.ca.gov/public*

All documents made available to the public by DTSC can be made available in an alternate format (i.e. Braille, large print, etc.) or in another language as appropriate, in accordance with state and federal law. Please contact Zenzi Poindexter for assistance.

Who to Contact for More Information

For more information about the draft Cleanup Plan or to be added to the site mailing list please contact the following DTSC representatives:

Alberto Valmidiano, DTSC Project Manager
9211 Oakdale Avenue
Chatsworth, California 91311
Phone: (818) 717-6550
alberto.valmidiano@dtsc.ca.gov

Zenzi Poindexter, DTSC Public Participation Specialist
9211 Oakdale Avenue
Chatsworth, California 90630
Phone: (818) 717-6567
Toll-Free: (866) 495-5651 (press 3 then 4)
uzenzile.poindexter@dtsc.ca.gov

For media related inquiries, please contact:
Jeanne Garcia, DTSC Public Information Officer
9211 Oakdale Avenue
Chatsworth, California 91311
Phone: (818) 717-6573
jeanne.garcia1@dtsc.ca.gov

COMMENT FORM AND MAILING COUPON
FORMER WELCH'S UNIFORM FACILITY
LOS ANGELES, CA

If you use this form to send us your comments, please include your name and address. All written comments must be postmarked no later than October 7, 2012. Please send this form to:

Alberto Valmidiano
Department of Toxic Substances Control
9211 Oakdale Avenue
Chatsworth, California 91311

You may also email this same information to: avaldimi@dtsc.ca.gov

Name: _____

Address: _____

Affiliation (if any): _____

Phone number (optional): _____

Comments: (If you need more space, please feel free to use another sheet of paper)

_____
_____
_____
_____
_____
_____
_____
_____
_____
_____
_____

Our mailing lists are only used for keeping you informed of our activities. However, they are considered public records and, if requested, may be subject to release.

AVISO Comunitario

La mision del DTSC es de proteger a los residentes de California y al medio ambiente de los efectos nocivos de substancias toxicas atravez de la restauracion de recursos contaminados, la aplicacion de regulaciones, y la prevencion de la contaminacion.

Plan de Trabajo para las Acciones de Remoción de lo que era la Instalación de

El Departamento de Control de Sustancias Tóxicas de California (DTSC, por sus siglas en inglés) invita a la comunidad a revisar y comentar sobre un Plan de Trabajo para las Acciones de Remoción (RAW, por sus siglas en inglés) para limpiar la contaminación que se encuentra por debajo de la que era anteriormente la Instalación de Uniformes Welch (Sitio) ubicada en el 3505 Pasadena Avenue, Los Ángeles, California. El objetivo del RAW es reducir el riesgo potencial a la salud humana y al medio ambiente y al mismo tiempo abordar la contaminación.

Esta Boleto Informativo proporciona Información sobre:

- Historia y Antecedentes del Sitio
- Por qué la Limpieza es Necesaria
- Plan Propuesto de Limpieza
- Investigaciones Ambientales
- Ley de Calidad del Medio-Ambiental de California (CEQA, por sus siglas en inglés)
- Próximos Pasos

Public Comment Period

El 6 de Septiembre a el 7 de Octubre 2012

Los comentarios por escrito deberán tener el sello postal del 7 de Octubre a más tardar y deberán enviarse a:
Alberto Valmidiano
DTSC
9211 Oakdale Avenue
Chatsworth, California 91311
alberto.valmidiano@dtsc.ca.gov

DTSC

Historial y Antecedentes del Sitio

El dueño actual de la propiedad ubicada en el 3505 Pasadena Avenue, Los Angeles, California (el Sitio), AmeriPride Services Inc., está proponiendo instalar un sistema de extracción de vapor de suelo (SVE, por sus siglas en inglés) para abordar la contaminación de vapor de suelo asociada con los residuos del solvente usado para el lavado en seco en la anterior Instalación de Uniformes Welch.

El consta de un lote baldío ubicado en un área mixta residencial e industrial de Los Angeles, California. . El Sitio tiene linderos al norte con el Canal Arroyo Seco y el Pasadena Freeway (101); al oeste con un derecho de vía ferroviaria; al este con Pasadena Avenue; y al sur con propiedades comerciales.

Actualmente, el Sitio está baldío y no hay edificios en la propiedad. Alrededor del perímetro del Sitio hay una cerca metálica eslabonada y hay un muro de contención de 10 pies de altura a lo largo del lindero noreste del Sitio. Cuatro transformadores eléctricos montados en postes se encuentran en el centro del Sitio. El equipo de medición del gas y agua se encuentra cerca del portón este, y hay un área pavimentada con asfalto de 6,000 pies cuadrados en la porción sureste del Sitio.

El Sitio fue antiguamente una lavenderia comercial del lino y de ropa y servicio de entregas que se estableció alrededor de 1920 y estuvo en operaciones hasta aproximadamente 1988. En 1993, se removieron todos los edificios asociados con la función anterior.

No existen, actualmente, planes de reurbanización para esta propiedad, pero los usos en el futuro pueden incluir proyectos comerciales o industriales.

Investigaciones Ambientales

Se detectó por primera vez el tetracloroeteno (PCE, por sus siglas en ingles) en 1988, cuando concluyeron las perforaciones del suelo y los pozos de extracción de vapor en el Sitio. Esfuerzos subsiguientes de investigación han incluido la recolección de muestras de suelo y de vapor de suelo de numerosas ubicaciones alrededor del sitio, así como la instalación y monitoreo de 14 pozos de monitoreo activos ubicados dentro y fuero del Sitio y 7 puntos de monitoreo de vapor activos en el Sitio. Los pozos de monitoreo y los puntos de vapor de suelo se muestrean y analizan semi-anualmente. Desde el 2007, el Departamento de Control de Sustancias Tóxicas de California ha estado supervisando la investigación, el monitoreo y los esfuerzos de la investigación,el monitoreo y la limpieza del Sitio.

En el 2007, el propietario del Sitio, AmeriPride Services Inc., celebró un acuerdo voluntario con el DTSC para sanear el Sitio y para presentar documentos de planeación y monitoreo al DTSC para su revisión y aprobación.

Por que la Limpieza es Necesaria

El Sitio se encuentra ubicado en un área mixta residencial e industrial de Los Angeles, California. . El Sitio tiene linderos al norte con el Canal Arroyo Seco y el Pasadena Freeway (101); al oeste con un derecho de vía ferroviaria; al este con Pasadena Avenue; y al sur con propiedades comerciales.

Los registros históricos indican que se almacenaron y manejaron en esta instalación, materiales peligrosos, incluyendo solventes para limpieza basados en los hidrocarburos de petróleo, que se usan en el proceso de lavado en seco. Investigaciones previas revelaron la presencia de PCE y de tricloroeteno (TCE) por debajo del Sitio. El PCE se degrada de forma natural en el medio ambiente a TCE; por lo tanto, el TCE que se encuentra presente es probablemente un producto de la degradación del PCE. La exposición a altos niveles de PCE y TCE en el aire en interiores, puede tener como resultado un aumento en el riesgo de cáncer cuando éstos se respiran continuamente por periodos largos de tiempo (generalmente más de 20 años). Las actividades

de limpieza ambiental en el Sitio son necesarias para proteger la salud del público y del medio ambiente.

Plan Propuesto de Limpieza

La extracción de vapor de suelo (SVE, por sus siglas en ingles) es el método propuesto para limpiar el PCE y TCE que se han detectado en los suelos y el gas de suelo por debajo del Sitio. La SVE es una tecnología probada para tratar la contaminación por compuestos volátiles. La SVE se logrará con la instalación de un sistema de extracción de vapor (SVES, por sus siglas en ingles). El SVES incluye la instalación de pozos de extracción del vapor de suelo, el vapor extraído será tratado con carbono activado granular, antes de liberar el gas a la atmósfera. Se monitoreará el SVES para asegurar que el gas que sea liberado a la atmósfera sea tratado exitosamente y que cumpla con las normas y los estándares del Distrito de Manejo de la Calidad de Aire de la Costa Sur. (SCAQMD, por sus siglas en inglés). Bajo la supervisión del DTSC, Ameripride Services Inc. propone instalar un sistema SVE para limpiar el Sitio.

Es probable que el sistema SVE esté en operaciones hasta que se cumplan con las metas de limpieza. El cálculo inicial de tiempo para tratar la contaminación es de aproximadamente 12 a 24 meses. El sistema estará operando hasta que se logren niveles que ya no representen un riesgo significativo.

Ley de Calidad Ambiental de California

De conformidad con la Ley de Calidad Ambiental de California, (CEQA, por sus siglas en inglés), el DTSC deberá evaluar si las acciones propuestas pueden tener algún impacto significativo en la salud humana y en el medio ambiente.

Como parte de la evaluación, el DTSC ha propuesto un Aviso de Exención, el cual indica que el Plan de Trabajo para las Acciones de Remoción no tendrá como resultado un efecto negativo significativo en la salud humana ni en el medio ambiente.

Próximos Pasos

Al concluir el Período para Comentarios del Público, el DTSC revisará y tomará en cuenta todo comentario del público y tomará una decisión final en torno al Plan de Trabajo para las Acciones de Remoción. Se enviará por correo una Respuesta a los Comentarios a toda persona que haya hecho algún comentario y que proporcione su nombre y dirección. Se guardará en los Depósitos de Información enlistados en esta hoja de datos una copia de la Respuesta a los Comentarios.

Una vez que se apruebe el Plan, se construirá el sistema y es probable que empiece el trabajo en el otoño del 2012.

Dónde Encontrar Documentos Sobre el Proyecto

El RAW y otros documentos relacionados están disponibles para revisión por parte del público en los depósitos de información que se enlistan a continuación. El Registro Administrativo está disponible en su totalidad en la Oficina del DTSC de Chatsworth.

Sucursal Lincoln Heights de la
Biblioteca Pública de Los Ángeles
2530 Workmen Street
Los Angeles, California 90031
Teléfono: (323) 226-1692

Departamento de Control de Sustancias Tóxicas
Oficina de Registros Regionales
9211 Oakdale Avenue
Chatsworth, California 91311
Teléfono: (818) 717-6521

Las copias de los reportes técnicos clave, las hojas de datos y otra información relacionada al Sitio también están disponibles en línea en el portal de internet del DTSC: www.envirostor.dtsc.ca.gov/public

Todos los documentos que el DTSC ha puesto a disposición del público pueden estar también disponibles en un formato alterno (i.e. Braille, letra grande, etc.) o en otro idioma, según sea apropiado, de conformidad con las leyes estatales y federales. Favor de comunicarse con Zenzi Poindexter para recibir ayuda.

Con Quien Comunicarse para Recibir Mayor Informacion
Para mayor información sobre el borrador del Plan de Limpieza o para que se le agregue a la lista de correo, favor de comunicarse con alguno de los siguientes representantes del DTSC:

Alberto Valmidiano
Gerente del Proyecto del DTSC
9211 Oakdale Avenue
Chatsworth, California 91311
Teléfono: (818) 717-6611
alberto.valmidiano@dtsc.ca.gov

Zenzi Poindexter
Especialista en Participación Pública del DTSC
9211 Oakdale Avenue
Chatsworth, CA 91311
Teléfono: (818) 717-6568
Llamada gratuita: (866) 495-5651 (oprima el 3 y luego el 4)
uzenzile.poindexter@dtsc.ca.gov

Informacion para la prensa favor de comunicarse con:
Jeanne Garcia
DTSC Funcionaria de Información Pública
9211 Oakdale Avenue
Chatsworth, California 91311
Teléfono: (818) 717-6573
jeanne.garcia1@dtsc.ca.gov

FORMA PARA COMENTARIOS Y CUPÓN PARA ENVIAR POR CORREO

ANTERIOR INSTALACIÓN DE UNIFORMES WELCH
LOS ÁNGELES, CA

Si usted usa esta forma para enviarnos sus comentarios, favor de incluir su nombre y dirección. Todos los comentarios por escrito deberán tener el sello de correo del 7 de Octubre, 2012, a más tardar. Favor de enviar esta forma a:

Alberto Valmidiano
Department of Toxic Substances Control
9211 Oakdale Avenue
Chatsworth, California 91311

También puede enviar esta misma información por correo electrónico a:
alberto.valmidiano@dtsc.ca.gov

Nombre: _____

Dirección: _____

Afiliación (si es que tiene alguna):
_____

Número telefónico (opcional):
_____

Comentarios: (Si necesita más espacio, por favor use otra hoja de papel)

_____

_____

_____

_____

_____

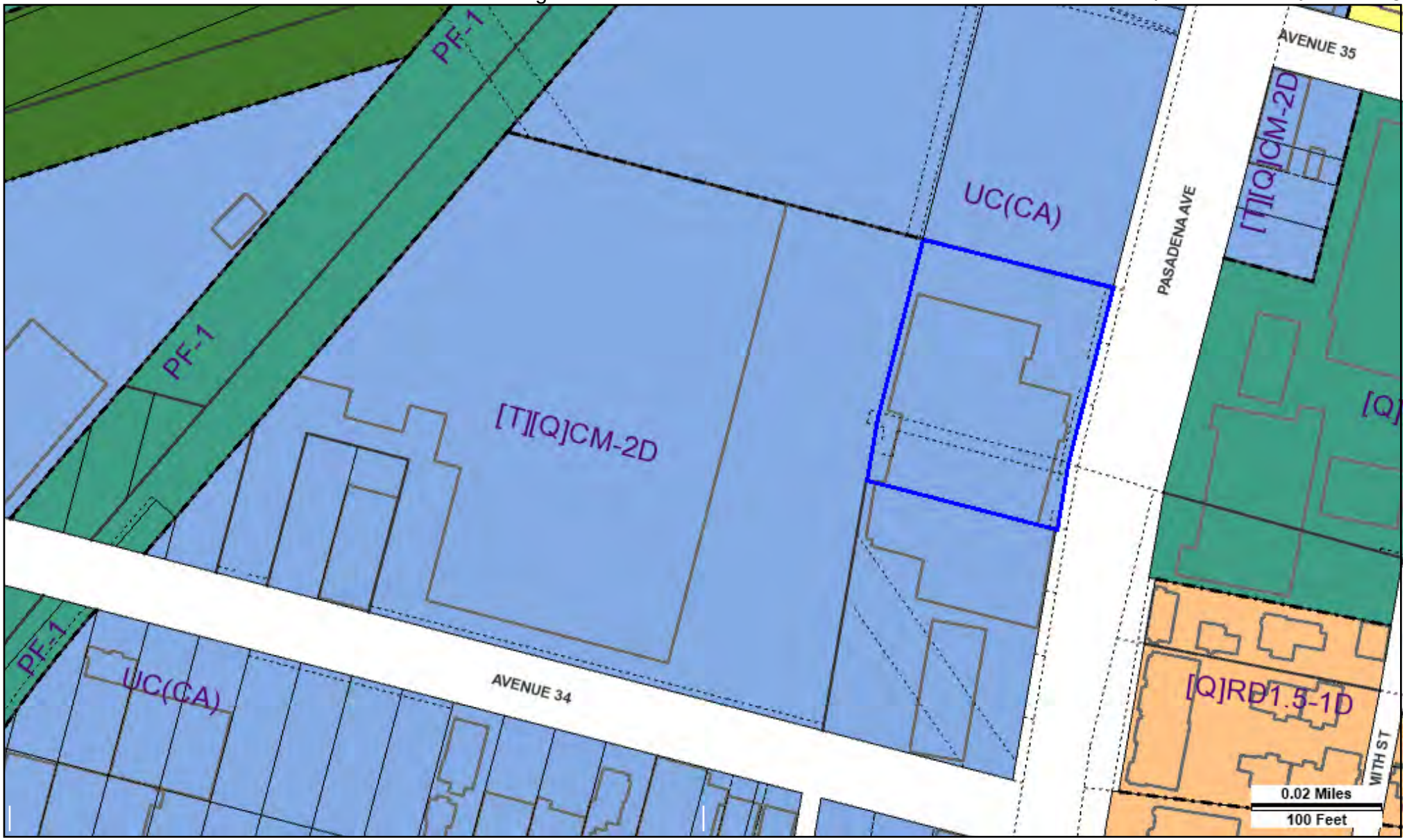
_____

ZIMAS PUBLIC

Generalized Zoning

06/19/2019

City of Los Angeles
Department of City Planning



Address: 3433 N PASADENA AVE
APN: 5205004007
PIN #: 142-5A223 178

Tract: P M 541
Block: None
Lot: B
Arb: None

Zoning: [T][Q]CM-2D
General Plan: Commercial Manufacturing

N
W
E
S

CITY OF LOS ANGELES FOUNDED 1781

Streets Copyright (c) Thomas Brothers Maps, Inc.

LEGEND

GENERALIZED ZONING

- OS, GW
- A, RA
- RE, RS, R1, RU, RZ, RW1
- R2, RD, RMP, RW2, R3, RAS, R4, R5, PVSP
- CR, C1, C1.5, C2, C4, C5, CW, WC, ADP, LASED, CEC, USC, PPSP
- CM, MR, CCS, UV, UI, UC, M1, M2, LAX, M3, SL
- P, PB
- PF

GENERAL PLAN LAND USE

LAND USE

RESIDENTIAL

- Minimum Residential
- Very Low / Very Low I Residential
- Very Low II Residential
- Low / Low I Residential
- Low II Residential
- Low Medium / Low Medium I Residential
- Low Medium II Residential
- Medium Residential
- High Medium Residential
- High Density Residential
- Very High Medium Residential

COMMERCIAL

- Limited Commercial
- Limited Commercial - Mixed Medium Residential
- Highway Oriented Commercial
- Highway Oriented and Limited Commercial
- Highway Oriented Commercial - Mixed Medium Residential
- Neighborhood Office Commercial
- Community Commercial
- Community Commercial -Mixed High Residential
- Regional Center Commercial

INDUSTRIAL

- Commercial Manufacturing
- Limited Manufacturing
- Light Manufacturing
- Heavy Manufacturing
- Hybrid Industrial

PARKING

- Parking Buffer

PORT OF LOS ANGELES

- General / Bulk Cargo - Non Hazardous (Industrial / Commercial)
- General / Bulk Cargo - Hazard
- Commercial Fishing
- Recreation and Commercial
- Intermodal Container Transfer Facility Site

LOS ANGELES INTERNATIONAL AIRPORT

- Airport Landside / Airport Landside Support
- Airport Airside
- LAX Airport Northside

OPEN SPACE / PUBLIC FACILITIES

- Open Space
- Public / Open Space
- Public / Quasi-Public Open Space
- Other Public Open Space
- Public Facilities

FRAMEWORK

COMMERCIAL

- Neighborhood Commercial
- General Commercial
- Community Commercial
- Regional Mixed Commercial

INDUSTRIAL

- Limited Industrial
- Light Industrial

CIRCULATION

STREET

- Arterial Mountain Road
- Collector Scenic Street
- Collector Street
- Collector Street (Hillside)
- Collector Street (Modified)
- Collector Street (Proposed)
- Country Road
- Divided Major Highway II
- Divided Secondary Scenic Highway
- Local Scenic Road
- Local Street
- Major Highway (Modified)
- Major Highway I
- Major Highway II
- Major Highway II (Modified)
- Major Scenic Highway
- Major Scenic Highway (Modified)
- Major Scenic Highway II
- Mountain Collector Street
- Park Road
- Parkway
- Principal Major Highway
- Private Street
- Scenic Divided Major Highway II
- Scenic Park
- Scenic Parkway
- Secondary Highway
- Secondary Highway (Modified)
- Secondary Scenic Highway
- Special Collector Street
- Super Major Highway

FREEWAYS

- Freeway
- Interchange
- On-Ramp / Off- Ramp
- Railroad
- Scenic Freeway Highway

MISC. LINES

- Airport Boundary
- Bus Line
- Coastal Zone Boundary
- Coastline Boundary
- Collector Scenic Street (Proposed)
- Commercial Areas
- Commercial Center
- Community Redevelopment Project Area
- Country Road
- DWP Power Lines
- Desirable Open Space
- Detached Single Family House
- Endangered Ridgeline
- Equestrian and/or Hiking Trail
- Hiking Trail
- Historical Preservation
- Horsekeeping Area
- Local Street
- MSA Desirable Open Space
- Major Scenic Controls
- Multi-Purpose Trail
- Natural Resource Reserve
- Park Road
- Park Road (Proposed)
- Quasi-Public
- Rapid Transit Line
- Residential Planned Development
- Scenic Highway (Obsolete)
- Secondary Scenic Controls
- Secondary Scenic Highway (Proposed)
- Site Boundary
- Southern California Edison Power
- Special Study Area
- Specific Plan Area
- Stagecoach Line
- Wildlife Corridor

POINTS OF INTEREST

- Alternative Youth Hostel (Proposed)
- Animal Shelter
- Area Library
- Area Library (Proposed)
- Bridge
- Campground
- Campground (Proposed)
- Cemetery
- HW Church
- City Hall
- Community Center
- Community Library
- Community Library (Proposed Expansion)
- Community Library (Proposed)
- Community Park
- Community Park (Proposed Expansion)
- Community Park (Proposed)
- Community Transit Center
- Convalescent Hospital
- Correctional Facility
- Cultural / Historic Site (Proposed)
- Cultural / Historical Site
- Cultural Arts Center
- DMV DMV Office
- DWP DWP
- DWP Pumping Station
- Equestrian Center
- HQ Fire Department Headquarters
- Fire Station
- Fire Station (Proposed Expansion)
- Fire Station (Proposed)
- Fire Supply & Maintenance
- Fire Training Site
- Fireboat Station
- Health Center / Medical Facility
- Helistop
- Historic Monument
- Historical / Cultural Monument
- Horsekeeping Area
- Horsekeeping Area (Proposed)
- Horticultural Center
- Hospital
- Hospital (Proposed)
- HW House of Worship
- e Important Ecological Area
- e Important Ecological Area (Proposed)
- Interpretive Center (Proposed)
- JC Junior College
- M MTA / Metrolink Station
- M MTA Station
- MTA Stop
- MWD MWD Headquarters
- Maintenance Yard
- Municipal Office Building
- P Municipal Parking lot
- Neighborhood Park
- Neighborhood Park (Proposed Expansion)
- Neighborhood Park (Proposed)
- Oil Collection Center
- P Parking Enforcement
- HQ Police Headquarters
- Police Station
- Police Station (Proposed Expansion)
- Police Station (Proposed)
- Police Training site
- PO Post Office
- Power Distribution Station
- Power Distribution Station (Proposed)
- Power Receiving Station
- Power Receiving Station (Proposed)
- C Private College
- E Private Elementary School
- Private Golf Course
- Private Golf Course (Proposed)
- JH Private Junior High School
- PS Private Pre-School
- Private Recreation & Cultural Facility
- SH Private Senior High School
- SF Private Special School
- E Public Elementary (Proposed Expansion)
- E Public Elementary School
- E Public Elementary School (Proposed)
- Public Golf Course
- Public Golf Course (Proposed)
- Public Housing
- Public Housing (Proposed Expansion)
- JH Public Junior High School
- JH Public Junior High School (Proposed)
- MS Public Middle School
- SH Public Senior High School
- SH Public Senior High School (Proposed)
- Pumping Station
- Pumping Station (Proposed)
- Refuse Collection Center
- Regional Library
- Regional Library (Proposed Expansion)
- Regional Library (Proposed)
- Regional Park
- Regional Park (Proposed)
- RPD Residential Plan Development
- Scenic View Site
- Scenic View Site (Proposed)
- ADM School District Headquarters
- SC School Unspecified Loc/Type (Proposed)
- Skill Center
- SS Social Services
- Special Feature
- Special Recreation (a)
- SF Special School Facility
- SF Special School Facility (Proposed)
- Steam Plant
- sm Surface Mining
- Trail & Assembly Area
- Trail & Assembly Area (Proposed)
- UTL Utility Yard
- Water Tank Reservoir
- Wildlife Migration Corridor
- Wildlife Preserve Gate

SCHOOLS/PARKS WITH 500 FT. BUFFER

- Existing School/Park Site
- Planned School/Park Site
- Inside 500 Ft. Buffer

- Aquatic Facilities
- Beaches
- Child Care Centers
- Dog Parks
- Golf Course
- Historic Sites
- Horticulture/Gardens
- Skate Parks
- Other Facilities
- Park / Recreation Centers
- Parks
- Performing / Visual Arts Centers
- Recreation Centers
- Senior Citizen Centers
- Opportunity School
- Charter School
- Elementary School
- Span School
- Special Education School
- High School
- Middle School
- Early Education Center

COASTAL ZONE

- Coastal Zone Commission Authority
- Calvo Exclusion Area
- Not in Coastal Zone
- Dual Jurisdictional Coastal Zone

TRANSIT ORIENTED COMMUNITIES (TOC)

- Tier 1
- Tier 2
- Tier 3
- Tier 4

Note: TOC Tier designation and map layers are for reference purposes only. Eligible projects shall demonstrate compliance with Tier eligibility standards prior to the issuance of any permits or approvals. As transit service changes, eligible TOC Incentive Areas will be updated.

WAIVER OF DEDICATION OR IMPROVEMENT

- Public Work Approval (PWA)
- Waiver of Dedication or Improvement (WDI)

LAMC SECTION 85.02 (VEHICLE DWELLING)

- No vehicle dwelling anytime
- No vehicle dwelling overnight between 9:00 PM - 6:00 AM. Must comply with all posted parking restrictions
- Vehicle dwelling allowed. Must comply with all posted parking restrictions

OTHER SYMBOLS

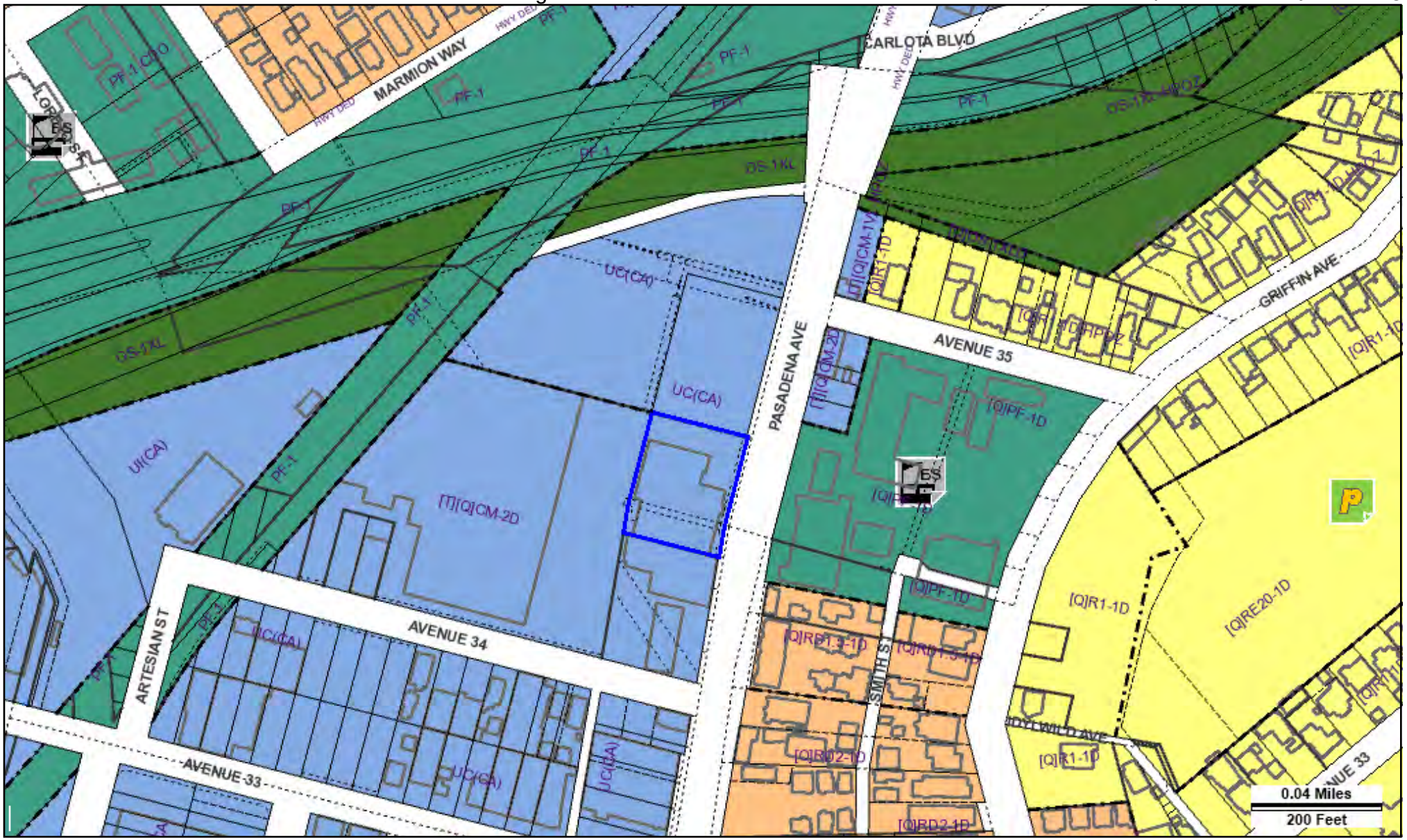
- Lot Line
- Tract Line
- Lot Cut
- Easement
- Zone Boundary
- Building Line
- Lot Split
- Community Driveway
- Building Outlines 2014
- Building Outlines 2008
- Airport Hazard Zone
- Census Tract
- Coastal Zone
- Council District
- LADBS District Office
- Downtown Parking
- Fault Zone
- Fire District No. 1
- Tract Map
- Parcel Map
- Flood Zone
- Hazardous Waste
- High Wind Zone
- Hillside Grading
- Historic Preservation Overlay Zone
- Specific Plan Area
- Very High Fire Hazard Severity Zone
- Oil Wells

ZIMAS PUBLIC

Generalized Zoning

06/19/2019

City of Los Angeles
Department of City Planning



Address: 3433 N PASADENA AVE
APN: 5205004007
PIN #: 142-5A223 178

Tract: P M 541
Block: None
Lot: B
Arb: None

Zoning: [T][Q]CM-2D
General Plan: Commercial Manufacturing

Streets Copyright (c) Thomas Brothers Maps, Inc.

LEGEND

GENERALIZED ZONING

- OS, GW
- A, RA
- RE, RS, R1, RU, RZ, RW1
- R2, RD, RMP, RW2, R3, RAS, R4, R5, PVSP
- CR, C1, C1.5, C2, C4, C5, CW, WC, ADP, LASED, CEC, USC, PPSP
- CM, MR, CCS, UV, UI, UC, M1, M2, LAX, M3, SL
- P, PB
- PF

GENERAL PLAN LAND USE

LAND USE

RESIDENTIAL

- Minimum Residential
- Very Low / Very Low I Residential
- Very Low II Residential
- Low / Low I Residential
- Low II Residential
- Low Medium / Low Medium I Residential
- Low Medium II Residential
- Medium Residential
- High Medium Residential
- High Density Residential
- Very High Medium Residential

COMMERCIAL

- Limited Commercial
- Limited Commercial - Mixed Medium Residential
- Highway Oriented Commercial
- Highway Oriented and Limited Commercial
- Highway Oriented Commercial - Mixed Medium Residential
- Neighborhood Office Commercial
- Community Commercial
- Community Commercial -Mixed High Residential
- Regional Center Commercial

INDUSTRIAL

- Commercial Manufacturing
- Limited Manufacturing
- Light Manufacturing
- Heavy Manufacturing
- Hybrid Industrial

PARKING

- Parking Buffer

PORT OF LOS ANGELES

- General / Bulk Cargo - Non Hazardous (Industrial / Commercial)
- General / Bulk Cargo - Hazard
- Commercial Fishing
- Recreation and Commercial
- Intermodal Container Transfer Facility Site

LOS ANGELES INTERNATIONAL AIRPORT

- Airport Landside / Airport Landside Support
- Airport Airside
- LAX Airport Northside

OPEN SPACE / PUBLIC FACILITIES

- Open Space
- Public / Open Space
- Public / Quasi-Public Open Space
- Other Public Open Space
- Public Facilities

FRAMEWORK

COMMERCIAL

- Neighborhood Commercial
- General Commercial
- Community Commercial
- Regional Mixed Commercial

INDUSTRIAL

- Limited Industrial
- Light Industrial

CIRCULATION

STREET

- Arterial Mountain Road
- Collector Scenic Street
- Collector Street
- Collector Street (Hillside)
- Collector Street (Modified)
- Collector Street (Proposed)
- Country Road
- Divided Major Highway II
- Divided Secondary Scenic Highway
- Local Scenic Road
- Local Street
- Major Highway (Modified)
- Major Highway I
- Major Highway II
- Major Highway II (Modified)
- Major Scenic Highway
- Major Scenic Highway (Modified)
- Major Scenic Highway II
- Mountain Collector Street
- Park Road
- Parkway
- Principal Major Highway
- Private Street
- Scenic Divided Major Highway II
- Scenic Park
- Scenic Parkway
- Secondary Highway
- Secondary Highway (Modified)
- Secondary Scenic Highway
- Special Collector Street
- Super Major Highway

FREEWAYS

- Freeway
- Interchange
- On-Ramp / Off- Ramp
- Railroad
- Scenic Freeway Highway

MISC. LINES

- Airport Boundary
- Bus Line
- Coastal Zone Boundary
- Coastline Boundary
- Collector Scenic Street (Proposed)
- Commercial Areas
- Commercial Center
- Community Redevelopment Project Area
- Country Road
- DWP Power Lines
- Desirable Open Space
- Detached Single Family House
- Endangered Ridgeline
- Equestrian and/or Hiking Trail
- Hiking Trail
- Historical Preservation
- Horsekeeping Area
- Local Street
- MSA Desirable Open Space
- Major Scenic Controls
- Multi-Purpose Trail
- Natural Resource Reserve
- Park Road
- Park Road (Proposed)
- Quasi-Public
- Rapid Transit Line
- Residential Planned Development
- Scenic Highway (Obsolete)
- Secondary Scenic Controls
- Secondary Scenic Highway (Proposed)
- Site Boundary
- Southern California Edison Power
- Special Study Area
- Specific Plan Area
- Stagecoach Line
- Wildlife Corridor

POINTS OF INTEREST

- Alternative Youth Hostel (Proposed)
- Animal Shelter
- Area Library
- Area Library (Proposed)
- Bridge
- Campground
- Campground (Proposed)
- Cemetery
- HW Church
- City Hall
- Community Center
- Community Library
- Community Library (Proposed Expansion)
- Community Library (Proposed)
- Community Park
- Community Park (Proposed Expansion)
- Community Park (Proposed)
- Community Transit Center
- Convalescent Hospital
- Correctional Facility
- Cultural / Historic Site (Proposed)
- Cultural / Historical Site
- Cultural Arts Center
- DMV DMV Office
- DWP DWP
- DWP Pumping Station
- Equestrian Center
- HQ Fire Department Headquarters
- Fire Station
- Fire Station (Proposed Expansion)
- Fire Station (Proposed)
- Fire Supply & Maintenance
- Fire Training Site
- Fireboat Station
- Health Center / Medical Facility
- Helistop
- Historic Monument
- Historical / Cultural Monument
- Horsekeeping Area
- Horsekeeping Area (Proposed)
- Horticultural Center
- Hospital
- Hospital (Proposed)
- HW House of Worship
- e Important Ecological Area
- e Important Ecological Area (Proposed)
- Interpretive Center (Proposed)
- JC Junior College
- M MTA / Metrolink Station
- M MTA Station
- MTA Stop
- MWD MWD Headquarters
- Maintenance Yard
- Municipal Office Building
- P Municipal Parking lot
- Neighborhood Park
- Neighborhood Park (Proposed Expansion)
- Neighborhood Park (Proposed)
- Oil Collection Center
- P Parking Enforcement
- HQ Police Headquarters
- Police Station
- Police Station (Proposed Expansion)
- Police Station (Proposed)
- Police Training site
- PO Post Office
- Power Distribution Station
- Power Distribution Station (Proposed)
- Power Receiving Station
- Power Receiving Station (Proposed)
- C Private College
- E Private Elementary School
- Private Golf Course
- Private Golf Course (Proposed)
- JH Private Junior High School
- PS Private Pre-School
- Private Recreation & Cultural Facility
- SH Private Senior High School
- SF Private Special School
- E Public Elementary (Proposed Expansion)
- E Public Elementary School
- E Public Elementary School (Proposed)
- Public Golf Course
- Public Golf Course (Proposed)
- Public Housing
- Public Housing (Proposed Expansion)
- JH Public Junior High School
- JH Public Junior High School (Proposed)
- MS Public Middle School
- SH Public Senior High School
- SH Public Senior High School (Proposed)
- Pumping Station
- Pumping Station (Proposed)
- Refuse Collection Center
- Regional Library
- Regional Library (Proposed Expansion)
- Regional Library (Proposed)
- Regional Park
- Regional Park (Proposed)
- RPD Residential Plan Development
- Scenic View Site
- Scenic View Site (Proposed)
- ADM School District Headquarters
- SC School Unspecified Loc/Type (Proposed)
- Skill Center
- SS Social Services
- Special Feature
- Special Recreation (a)
- SF Special School Facility
- SF Special School Facility (Proposed)
- Steam Plant
- sm Surface Mining
- Trail & Assembly Area
- Trail & Assembly Area (Proposed)
- UTL Utility Yard
- Water Tank Reservoir
- Wildlife Migration Corridor
- Wildlife Preserve Gate

SCHOOLS/PARKS WITH 500 FT. BUFFER

- Existing School/Park Site
- Planned School/Park Site
- Inside 500 Ft. Buffer

- Aquatic Facilities
- Beaches
- Child Care Centers
- Dog Parks
- Golf Course
- Historic Sites
- Horticulture/Gardens
- Skate Parks
- Other Facilities
- Park / Recreation Centers
- Parks
- Performing / Visual Arts Centers
- Recreation Centers
- Senior Citizen Centers
- Opportunity School
- Charter School
- Elementary School
- Span School
- Special Education School
- High School
- Middle School
- Early Education Center

COASTAL ZONE

- Coastal Zone Commission Authority
- Calvo Exclusion Area
- Not in Coastal Zone
- Dual Jurisdictional Coastal Zone

TRANSIT ORIENTED COMMUNITIES (TOC)

- Tier 1
- Tier 2
- Tier 3
- Tier 4

Note: TOC Tier designation and map layers are for reference purposes only. Eligible projects shall demonstrate compliance with Tier eligibility standards prior to the issuance of any permits or approvals. As transit service changes, eligible TOC Incentive Areas will be updated.

WAIVER OF DEDICATION OR IMPROVEMENT

- Public Work Approval (PWA)
- Waiver of Dedication or Improvement (WDI)

LAMC SECTION 85.02 (VEHICLE DWELLING)

- No vehicle dwelling anytime
- No vehicle dwelling overnight between 9:00 PM - 6:00 AM. Must comply with all posted parking restrictions
- Vehicle dwelling allowed. Must comply with all posted parking restrictions

OTHER SYMBOLS

- Lot Line
- Tract Line
- Lot Cut
- Easement
- Zone Boundary
- Building Line
- Lot Split
- Community Driveway
- Building Outlines 2014
- Building Outlines 2008
- Airport Hazard Zone
- Census Tract
- Coastal Zone
- Council District
- LADBS District Office
- Downtown Parking
- Fault Zone
- Fire District No. 1
- Tract Map
- Parcel Map
- Flood Zone
- Hazardous Waste
- High Wind Zone
- Hillside Grading
- Historic Preservation Overlay Zone
- Specific Plan Area
- Very High Fire Hazard Severity Zone
- Oil Wells

^_LACoFD^_ Public Records Center:: H010533-061919

From: LACoFD (lacountyfire@mycusthelp.net)

To: heather@frenviro.com

Date: Tuesday, July 9, 2019, 11:22 AM EDT

--- Please respond above this line ---

RE: PRA of June 19, 2019, Reference # H010533-061919.

Dear Fulcrum Resources Heather Conner,

The Los Angeles County Fire Department, Health Hazardous Materials Division, being the custodian or keeper of records, certify that a thorough search for the records you requested has been carried out.

Re: 141 W AVENUE 34
LOS ANGELES CA 90031

The search revealed that no records were found for the above noted address.

It should be understood that this does not mean that the records you requested do not exist. It is possible that such records may be misfiled; exist under another spelling, another name, or may have been destroyed based on this Department's Record Retention Policy. However, with the information furnished to our office, and to the best of our knowledge, no records were located.

For businesses in Burbank, CulverCity, Downey, City of LA, La Habra, Monrovia, Pasadena, Santa Monica, Torrance& Underground Storage Tanks in Los Angeles County jurisdiction click here.

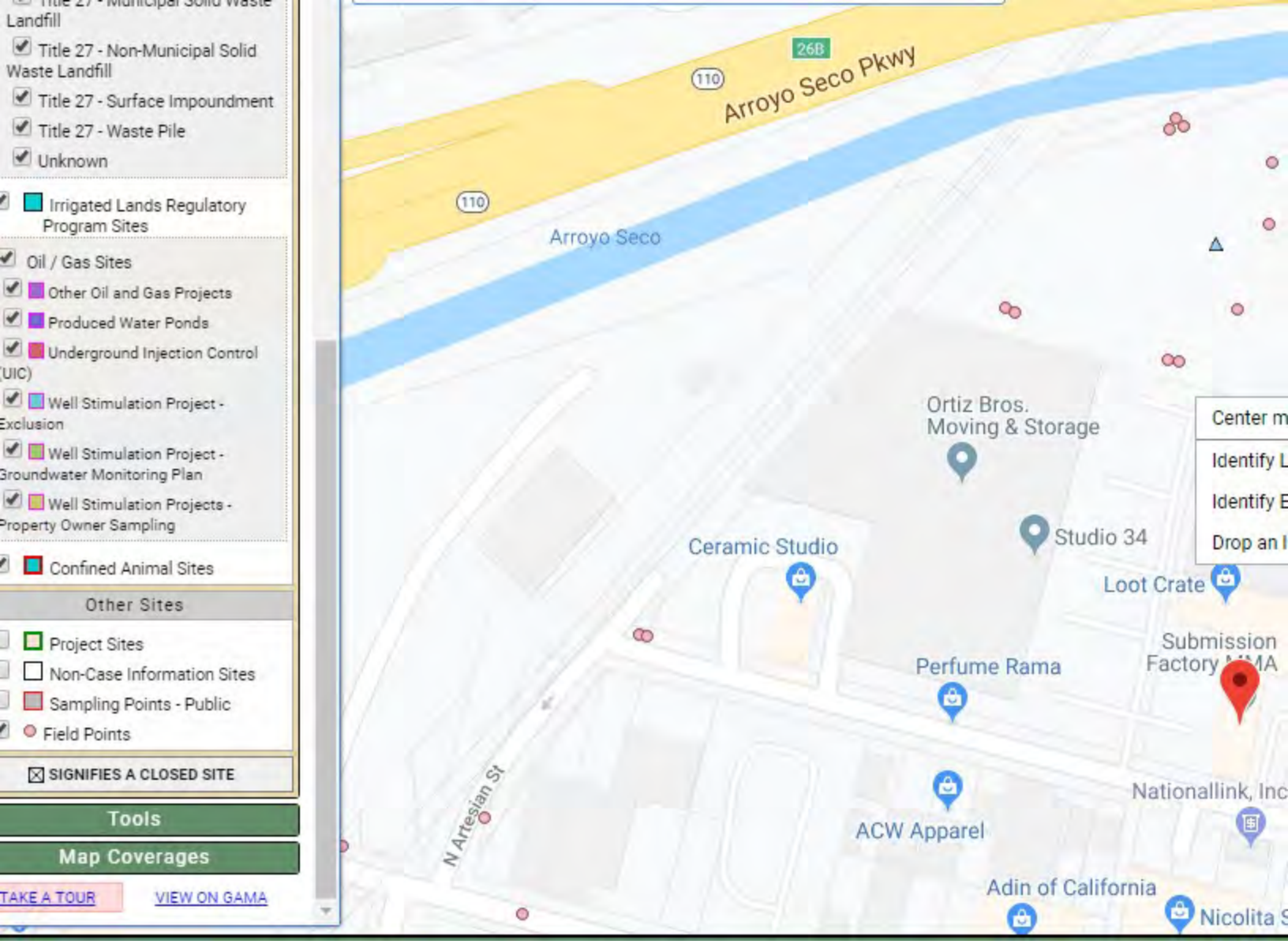
If you have any questions regarding your request, please contact our office at (323) 890-4107.

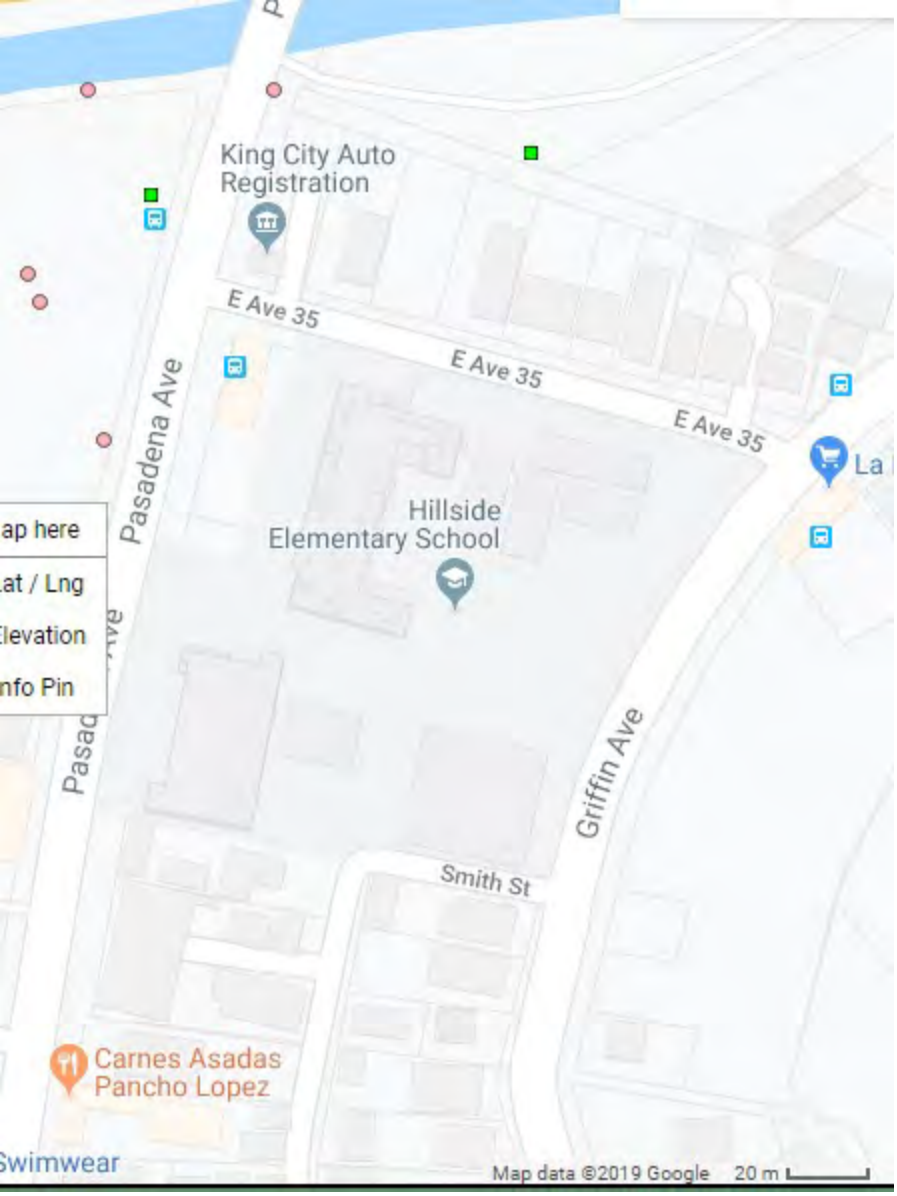
Los Angeles County Fire Department

Health Hazardous Materials Division

Site Administrator

County of Los Angeles
Fire Department


Landfill
Title 27 - Non-Municipal Solid Waste Landfill
Title 27 - Surface Impoundment
Title 27 - Waste Pile
Unknown
Irrigated Lands Regulatory Program Sites
Oil / Gas Sites
Other Oil and Gas Projects
Produced Water Ponds
Underground Injection Control (UIC)
Well Stimulation Project - Exclusion
Well Stimulation Project - Groundwater Monitoring Plan
Well Stimulation Projects - Property Owner Sampling
Confined Animal Sites
Other Sites
Project Sites
Non-Case Information Sites
Sampling Points - Public
Field Points
SIGNIFIES A CLOSED SITE
Tools
Map Coverages
TAKE A TOUR
VIEW ON GAMA
26B
110
Arroyo Seco Pkwy
Arroyo Seco
Ortiz Bros. Moving & Storage
Ceramic Studio
Studio 34
Loot Crate
Perfume Rama
Submission Factory
ACW Apparel
Nationallink, Inc
N Artesian St
Adin of California
Nicolita
Center m
Identify L
Identify E
Drop an I


King City Auto Registration
E Ave 35
E Ave 35
E Ave 35
Pasadena Ave
Hillside Elementary School
Griffin Ave
Smith St
Carnes Asadas Pancho Lopez
Swimwear
Map data ©2019 Google
20 m

COPY

ORSWELL & KASMAN, INC.
Environmental Assessments & Consulting

September 28, 2012

Mr. Robert Gonzales
Citizens Business Bank
1010 East Colorado Boulevard
Pasadena, CA 91106

Re: Phase I Environmental Site Assessment Report

Dear Robert:

Enclosed is our Phase I Environmental Site Assessment Report on the multi-tenant commercial property located at 135, 141 and 153 West Avenue 34 and 3401 and 3433 Pasadena Avenue in Los Angeles. Also enclosed is our invoice for services.

Effective July 1, 2012, the Governor of California terminated the California Registered Environmental Assessors (REA) Program. What does this mean for our clients? Nothing. Orswell & Kasman, Inc. will continue to prepare the same quality reports our customers have been accustomed to receiving. The USEPA and ASTM International have set standards which define the qualifications of environmental professionals. Although there is no longer a California registration program, all of our reports will be prepared by trained environmental assessors and reviewed by an ASTM Qualified Environmental Professional

If you should have any questions concerning any information in the report, please feel free to call me. Thanks again for the opportunity to be of service.

Sincerely,

James Orswell
Environmental Assessor

JO/dm
Enclosures

316 West Foothill Boulevard, Monrovia, CA 91016
(626) 932-1800 Fax (626) 932-1807
www.orswell-kasman.com

PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

SUBJECT PROPERTY:	MULTI-TENANT COMMERCIAL PROPERTY 135, 141 AND 153 WEST AVENUE 34 AND 3401 AND 3433 PASADENA AVENUE LOS ANGELES, CALIFORNIA 90031
REPORT DATE:	SEPTEMBER 28, 2012
CLIENT:	MR. ROBERT GONZALES CITIZENS BUSINESS BANK 1010 EAST COLORADO BOULEVARD PASADENA, CALIFORNIA 91106
PREPARED FOR:	CITIZENS BUSINESS BANK, CDC SMALL BUSINESS FINANCE AND THE U.S. SMALL BUSNIESS ADMINISTRATION

PREPARED BY:

JAMES R. ORSWELL
ENVIRONMENTAL ASSESSOR

REVIEWED BY:

MARTIN A. KASMAN
PROJECT MANAGER

P12260

This report was prepared in conformance to meet or exceed the scope and limitations as set forth by the American Society for Testing & Materials (ASTM) Standard Practice E 1527-05. It is for the express use of the client, and its contents are considered to be privileged and confidential. Acceptance of this report constitutes an agreement by the client to assume full liability for information contained herein. This report is for the sole use and interpretation of the client, and it is not to be reproduced or distributed to outside parties. The information in this report is furnished in good faith and was obtained from sources and databases considered to be reliable; however, the accuracy of the information cannot be guaranteed.

Prepared by
ORSWELL & KASMAN, INC.
316 West Foothill Boulevard ■ Monrovia, CA 91016
(626) 932-1800 ■ FAX (626) 932-1807
www.orswell-kasman.com

TABLE OF CONTENTS

1.0 SUMMARY

2.0 INTRODUCTION
- 2.1 Purpose
- 2.2 Detailed Scope of Services
- 2.3 Significant Assumptions
- 2.4 Limitations and Exceptions
- 2.5 Special Terms and Conditions
- 2.6 User Reliance

3.0 SITE DESCRIPTION
- 3.1 Location and Legal Description
- 3.2 Site and Vicinity General Characteristics
- 3.3 Current Use of Property
- 3.4 Descriptions of Structures, Roads, Other Improvements on the Site
- 3.5 Current Uses of the Adjoining Properties

4.0 USER PROVIDED INFORMATION
- 4.1 Title Records
- 4.2 Environmental Liens or Activity and Use Limitations
- 4.3 Specialized Knowledge
- 4.4 Commonly Known or Reasonably Ascertainable Information
- 4.5 Valuation Reduction for Environmental Issues
- 4.6 Owner, Property Manager, and Occupant Information
- 4.7 Reasons for Performing Phase I Environmental Site Assessment
- 4.8 Other User Provided Information

5.0 RECORDS REVIEW
- 5.1 Standard Environmental Records Sources
- 5.2 Additional Environmental Record Sources
- 5.3 Physical Setting Sources
- 5.4 Historical Use Information on the Property
- 5.5 Historical Use Information on the Adjoining Properties

6.0 SITE RECONNAISSANCE
- 6.1 Methodology and Limiting Conditions
- 6.2 General Site Setting
- 6.3 Subject Property Observations
- 6.4 Adjoining Property Observations

7.0 INTERVIEWS
- 7.1 Interview with Owner
- 7.2 Interview with Site Manager
- 7.3 Interviews with Occupants
- 7.4 Interviews with Local Government Officials
- 7.5 Interview with Others

TABLE OF CONTENTS (continued)

8.0 FINDINGS
- 8.1 Recognized Environmental Conditions
- 8.2 Historical Recognized Environmental Conditions

9.0 OPINION

10.0 CONCLUSIONS

11.0 DEVIATIONS

12.0 ADDITIONAL SERVICES

13.0 REFERENCES

14.0 STATEMENT OF ENVIRONMENTAL PROFESSIONALS

15.0 APPENDICES
- 15.1 Site and Vicinity Map
- 15.2 Site Plan
- 15.3 Site and Vicinity Photographs
- 15.4 Historical Research Documentation
- 15.5 Regulatory Records Documentation
- 15.6 Interview and Research Documentation
- 15.7 Special Contractual Conditions between User and Environmental Professional
- 15.8 Qualifications of the Environmental Professionals

ORSWELL & KASMAN, INC.
PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

MULTI-TENANT COMMERCIAL PROPERTY
135, 141 AND 153 WEST AVENUE 34
3401 AND 3433 PASADENA AVENUE
LOS ANGELES, CALIFORNIA 90031

1.0 SUMMARY

Based on a review of regulatory records, historical site information, and a visual inspection of the subject property and surrounding area, this assessment has revealed no *recognized environmental conditions* or *historical recognized environmental conditions* in connection with the Property, except as follows:

1) The subject property is occupied by multiple tenants. The 3433 Pasadena Avenue building is currently occupied by Warner Brothers Studios, a prop and set design business. The business stores and uses large quantities of water-based paint, and waste paint is generated by the business activities. The hazardous materials and hazardous wastes appear to be properly stored and managed and no significant spills or leaks were observed on the premises; and

2) Eleven offsite locations have been identified as potential risks or threats to the subject property. According to the data, ten of the sites are not located in the near vicinity, and there is no indication that contaminants from these sites have migrated onto the subject property.

   The former Welch's Uniform Facility site (#5 on map), 3505 Pasadena Avenue, is located on the adjacent property to the north, and the business is identified by State of California Environmental Protection Agency (CAL-EPA) Department of Toxic Substances Control (DTSC) as an active hazardous waste site. According to the DTSC CalSite database records, the site was previously occupied by Welch's Uniform and the property was used as a laundry and uniform rental facility over a 70 year period. Environmental studies indicate the soil and groundwater beneath the facility is contaminated with volatile organic compounds including trichloroethene (TCE). In addition, the former Welch's Uniform Rental site is identified by the State of California Regional Water Quality Control Board (RWQCB) as having two open RWQCB Cleanup Program sites. The first case was first opened in December 1987. According to the RWQCB records, the groundwater was contaminated with non-petroleum hydrocarbons, and the site is undergoing verification monitoring. The second case was opened in December 1998 and the site is undergoing an assessment. A review of the City of Los Angeles Fire Department (LAFD) records revealed Welch's Uniform applied for a permit to remove a 2,000-gallon underground diesel fuel tank in 1987. Soil sampling beneath the tank revealed significant Total Petroleum Hydrocarbon as gasoline (TPH-g)

contamination (8,600 ppm). The groundwater beneath the site was determined to be about 35 feet below the ground surface, and the groundwater flows away from the subject property in a west-northwest direction. In February 1988, Welch's Uniform applied for a permit to abandon five underground storage tanks in-place, and in December 1988, Welch's Uniform applied for a permit to remove five additional underground storage tanks. In May 2004, Welch's Uniform applied for a permit to remove one additional 1,000-gallon underground storage tank. Soil sampling beneath the tank did not detect any contamination problems, and on October 26, 2004, the DPW/UGT issued a no further action letter for the closure of the 1,000-gallon underground tank. An inspection of the property revealed the site is currently a vacant lot, and remedial activities were being conducted on the site.

Should it be determined the groundwater beneath the subject property has in fact been impacted by the Former Welch's Uniform Rental site, it is the policy of the State of California and the United States Environmental Protection Agency not to hold property owners responsible for costs to clean up contaminated groundwater beneath their property, unless the owners contributed to the problem. There is no indication from a review of the regulatory records and a site inspection that the subject property has had any problems concerning the storage, usage or disposal of hazardous materials, and it appears the former Welch's Uniform Rental site is in the process of addressing the contamination problem.

Our review of regulatory and historical records, a visual inspection of the site and surrounding area, and interviews with the property owner and the safety manager for Warner Brothers Studios has found no evidence of other *recognized environmental conditions or historical recognized environmental conditions* which are likely to impact the subject property. Although data failure occurred in the historical uses of the Property prior to 1906, it is unlikely the data failure will impact the ability to identify *recognized environmental conditions.* Based on the results of this assessment, no further environmental studies are recommended for the site.

2.0 INTRODUCTION

2.1 Purpose

The purpose of this Phase I Environmental Site Assessment is to determine if any *recognized environmental conditions* or *historical recognized environmental conditions* exist on or near the subject property. As defined by ASTM Standard Practice E 1527-05, a *recognized environmental condition* is the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release into structures on the property or into the ground, groundwater, or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include *de minimis* conditions that generally do not present a material risk of harm to public

health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

The ASTM Standard defines a *historical recognized environmental condition* as a condition which in the past would have been considered a *recognized environmental condition*, but which may or may not be considered a *recognized environmental condition* currently. If a past release of any hazardous substance or petroleum products has occurred in connection with the property and has been remediated, with such remediation accepted by the responsible regulatory agency, this condition shall be considered a *historical recognized environmental condition.*

The ASTM Standard Practice E 1527-05 requires all obvious uses of the Property shall be identified at five year intervals from the present, back to the Property's first developed use, or back to 1940, whichever is earlier, using standard historical sources. Developed use includes agricultural uses or placement of fill dirt. Data failure occurs when these objectives are not met. Our review of standard historical sources include aerial photographs, fire insurance maps, local street directories, and building department or assessor's property records. Our experience in performing Phase I Environmental Site Assessments since 1990 has determined that the other standard historical sources identified in the ASTM Standard Practice E 1527-05 are not reasonably obtainable or likely to be sufficiently useful, accurate, or complete in terms of satisfying the objectives.

2.2 Detailed Scope of Services

This report is based on a preliminary study into the past and current uses of the subject property and the surrounding area. The report includes a visual inspection of the property and adjacent sites, and a review of regulatory agency records, aerial photographs, and other historic record sources. Also included in this report are maps, diagrams, and photographs pertaining to this site.

2.3 Significant Assumptions

The information in this report is furnished in good faith and was obtained from sources and databases considered to be reliable; however, nothing in this report should be construed as a promise or guarantee that the subject property is free of environmental hazards. In many instances, this report relies on regulatory database information provided by federal, state and local governmental agencies. Although the database information used in this report consists of the most recently released records, it may not reflect the actual current status of the case.

2.4 Limitations and Exceptions

This report was prepared in conformance to meet or exceed the scope and practice as set forth by the American Society for Testing & Materials (ASTM) Standard Practice E 1527-05, "Standard Practice of Environmental Site Assessments: Phase I Environmental Site Assessment Process." No tests were conducted, and no samples of air, water, soil or building materials were taken.

This report is limited in nature and should not be construed to be a characterization of environmental regulatory compliance or of any conditions above or below grade. The evaluations in this report are based on information provided by interviews, readily accessible regulatory and historical records and observations made during the site inspection. No independent verification of the information was obtained or performed by Orswell & Kasman, Inc.

Orswell & Kasman, Inc. prepared this report in a competent and professional manner in accordance with sound industry standards, practices and procedures. No warranty is provided regarding the actual site conditions described in this report beyond matters amenable to visual confirmation. We make no representation or warranty regarding the accuracy or reliability of information or documents provided by others and contained within this report.

2.5 Special Terms and Conditions

No special terms or conditions have been incorporated into the preparation of this report. There were also no limiting physical conditions such as rain or lack of electrical power, that had a limiting effect on the site inspection.

2.6 User Reliance

This report is prepared for the express use of the client, and its contents are considered to be privileged and confidential. Acceptance of this report constitutes an agreement by the client to assume full liability for information contained herein. This report is for the sole use and interpretation of the client and it is not be reproduced or distributed to outside parties.

3.0 SITE DESCRIPTION

3.1 Location and Legal Description

The subject property, 135, 141 and 153 West Avenue 34 and 3401 and 3433 Pasadena Avenue, Los Angeles, California, is located at the northwest corner of West Avenue 34 and Pasadena Avenue. The property is described as Los Angeles County Tax Assessor's Parcel Numbers (APNs) 5205-004-003, 5205-004-005, 5205-004-007 and 5205-004-011.

3.2 Site and Vicinity General Characteristics

The site consists of five industrial buildings with paved parking and storage areas, located in a mixed industrial, commercial and residential area of Los Angeles (see site plan).

3.3 Current Use of Property

The subject property is currently occupied by Ortiz Bros. Moving and Storage, Submission Factory, Water Wellness and Warner Brothers Studios. No heavy manufacturing activities take place on the site.

3.4 Descriptions of Structures, Roads, Other Improvements On Site

The subject property is occupied by five single-story light-industrial buildings, which are described as follows:

The 3401 Pasadena Avenue building consists of a single-story wood-frame and brick light-industrial structure which is divided into an office area and a warehouse area.

The 3433 Pasadena Avenue building consists of a single-story wood-frame and concrete-block light-industrial structure which is divided into an office area and a production area.

The 135 West Avenue 34 building consists of a single-story corrugated steel warehouse.

The 141 West Avenue 34 building consists of a large industrial warehouse which is divided into an office area and a warehouse area.

The 153 West Avenue 34 building consists of a single-story brick light-industrial building.

The heating, ventilation and air conditioning (HVAC) systems for the buildings appear to be mounted on the roofs of the three larger buildings and on the side of the 141 Avenue 34 building. No HVAC systems were observed for the smaller buildings located on Avenue 34. There are asphalt and concrete paved parking areas and open storage areas surrounding the buildings. The site and surrounding area are fairly level, and the subject property is connected to the municipal water and sewage systems.

3.5 Current Uses of the Adjoining Properties

North of the subject property is a vacant lot. Pasadena Avenue is to the east, and further east is Hillside Elementary School, an apartment building and several residences. Avenue 34 is to the south, and further south are several residences, three unidentified commercial buildings, a parking lot and two additional commercial buildings which are occupied by VGA Apparel and an unidentified screen printing business. West of the site is a railroad right-of-way and further west is an unidentified industrial building and a large parking lot.

4.0 USER PROVIDED INFORMATION

4.1 Title Records

No recorded land title records were provided by the client for review.

4.2 Environmental Liens or Activity and Use Limitations

The client has not provided any information concerning environmental liens or activity and use limitations.

4.3 Specialized Knowledge

No specialized knowledge of *recognized environmental conditions* or *historical recognized environmental conditions* in connection with the subject property has been provided by the client.

4.4 Commonly Known or Reasonably Ascertainable Information

The client has not provided any commonly known or reasonably ascertainable information within the local community about the subject property that is material to *recognized environmental conditions* in connection with the site.

4.5 Valuation Reduction for Environmental Issues

No information has been provided by the client which indicates the subject property is being sold or purchased at a significantly reduced price due to outstanding environmental issues.

4.6 Owner, Property Manager, and Occupant Information

Information provided by the owner, property manager, and/or occupants of the site are included in this report under Section 7.0, Interviews.

4.7 Reasons for Performing Phase I Environmental Site Assessment

The reasons for performing this Phase I Environmental Site Assessment are to satisfy commercial real estate lending requirements or provide due diligence information concerning the historical uses and current condition of the site.

4.8 Other User Provided Information

A Phase I Environmental Site Assessment Report was completed for the 141 Avenue 34 building by Orswell & Kasman, Inc. on March 2, 2000. The report indicates that the 141 Avenue 34

building was occupied by Studio 34, a film production studio and Select Storage, a storage facility. The report states that small quantities of water-based and oil-based paints were used and stored inside the building and the materials appeared to be properly stored and managed. The report stated that the property owner, Eric Ortiz was interviewed, and Mr. Ortiz stated the production companies are responsible for the disposal of any paint wastes which are generated inside the production areas. He was not aware of any chemical spills or contamination problems with the site. The report concluded that the adjacent property to the north (Welch's Uniforms) was identified as a clean-up site that was addressing the contamination problem, and based on the results of the assessment, no further environmental studies were recommended for the site.

A Phase I Environmental Site Assessment Report was completed on the 135 Avenue 34 and 3401 Pasadena Avenue buildings by Orswell & Kasman, Inc. on August 1, 2005. The report indicates that the buildings were occupied by United Finishing and Laminating, a commercial laminating business. The report states that small quantities of lubricating oil, bio-degradable detergents, glues and gear oil were observed to be used and stored inside the building and the materials appeared to be properly stored and managed. The report stated that the business owner, Pat Moller was interviewed, and Mr. Moller stated the business used and stored small quantities of hazardous materials, which were stored in five-gallon containers inside a fenced compound in the storage yard, and he said no hazardous wastes are generated from the business operations. He was not aware of any chemical spills or contamination problems with the site. The report concluded that the adjacent property to the north (Welch's Uniforms) was identified as a clean-up site that was addressing the contamination problem, and based on the results of the assessment, no further environmental studies were recommended for the site.

5.0 RECORDS REVIEW

5.1 Standard Environmental Records Sources

FEDERAL AGENCY RECORDS

United States Environmental Protection Agency (USEPA)
National Priorities List

The National Priorities List (NPL) identifies abandoned or uncontrolled hazardous waste sites which have been identified as possibly representing a long-term threat to the public health or environment. These sites have been identified as being highly contaminated with hazardous substances and represent the USEPA's target enforcement and cleanup efforts. Studies of individual sites are conducted by the USEPA to determine level of contamination, and the sites are then compared and ranked to other sites on the NPL.

A review of the USEPA National Priorities List dated September 2011 indicates there are no proposed, final or delisted sites within one mile of the subject property.

Phase I Environmental Site Assessment Report
135, 141 and 153 West Avenue 34
3401 and 3433 Pasadena Avenue
September 28, 2012

United States Environmental Protection Agency (USEPA)
Federal Superfund Liens List

The USEPA maintains a list of Superfund Lien sites that have been issued on properties throughout the United States. These sites have been remediated through the expenditures of Superfund monies; the purpose of the lien is to prevent the property owner from gaining a financial benefit from the federal government's cleanup and restoration activities.

A review of the July 2011 Federal Superfund List revealed there are no Superfund Liens on or adjacent to the site.

United States Environmental Protection Agency (USEPA)
Comprehensive Environmental Response, Compensation
and Liability Information System (CERCLIS)

The USEPA has developed a database known as CERCLIS which contains information on potential hazardous waste sites located throughout the United States. There are over 33,000 sites on the CERCLIS inventory. All sites are subjected to a preliminary assessment and thereafter are either placed on the National Priority List (NPL) or are placed in a category for those sites requiring no further Federal Superfund action.

A review of the September 2011 CERCLIS report indicates there are three CERCLIS sites within a ½ mile radius of the subject property:

Kennington Ltd. (ITT Cannon) (#1 on map)
3209 Humboldt Street
Los Angeles, CA 90031

This site investigation was opened in February 1994. According to the records, a preliminary assessment was completed in August 2001, and a site reassessment was completed in May 2006. No further remedial action has been reported for this site.

NI West Incorporated (#2 on map)
3011 Humboldt Street
Los Angeles, CA 90031

This site investigation was opened in January 1993. According to the records, a combined preliminary assessment and site assessment was completed in September 2005. No further remedial action has been reported for this site.

Jaybee Ajax Manufacturing (#3 on map)
301 West Avenue 26
Los Angeles, CA 90031

This site investigation was opened in March 2000. According to the records, a preliminary assessment was started in October 2002 and in July 2007. No further remedial action has been reported for this site.

There is one listed "No Further Required Action Planned" (NFRAP) site identified within a ½ mile radius:

Baron Manufacturing (#4 on map)
241 Avenue 26
Los Angeles, CA 90031

This site investigation was opened in June 1981, and a preliminary assessment was completed in September 1984. The investigation concluded that the facility does not qualify for the NPL and no further required actions are planned for this site.

United States Environmental Protection Agency (USEPA)
Resource Conservation and Recovery Act (RCRA)
Treatment, Storage or Disposal Facilities (TSDF)

The USEPA maintains a list of facilities which have been authorized to receive hazardous waste. These facilities have permits to treat, store, or dispose of the waste, as determined by the RCRA regulations. In addition, the USEPA publishes a list of those facilities who are subject to a corrective action, based on the facilities' waste handling and storage procedures. The facilities which are subject to a corrective action are identified as CORRACTS sites.

A review of the March 2011 RCRA TSDF list determined there are no known CORRACTS facilities within a one mile radius of the subject property. In addition, there are no non-CORRACTS TSD facilities listed within a ½ mile radius.

United States Environmental Protection Agency (USEPA)
Resource Conservation and Recovery Act (RCRA)
Hazardous Waste Generators

The USEPA maintains a list of facilities which are identified as generators of large and small quantities of hazardous waste. These facilities have permits to generate, store and dispose of the waste, as determined by the RCRA regulations.

A review of the March 2011 RCRA Hazardous Waste Generators list determined the subject property (American Caster Corporation, 141 West Avenue 34; Bad Teacher Construction

Warehouse, 3433 Pasadena Avenue) is identified as a small quantity hazardous waste generator. In addition, there are records of a large quantity hazardous waste generator identified on the adjacent property to the north (former Welch's Uniform site, 3505 Pasadena Avenue), and a small quantity hazardous waste generator to the east (Los Angeles Unified School District Hillside Elementary, 120 East Avenue 35),

United States Environmental Protection Agency (USEPA)
Institutional Control / Engineering Control Registries

The USEPA maintains a list of institutional and engineering controls for the purpose of tracking sites that may contain residual contamination or have activity and use limitations. Engineering controls are engineering measures designed to minimize the potential for human exposure to contamination by either limiting direct contact with contaminated areas or controlling migration of contaminants. Institutional controls are non-engineering controls used to restrict land use or land access in order to protect people and the environment from exposure to hazardous substances remaining at the site or facility.

A review of the September 2006 USEPA Institutional Control / Engineering Control Registry did not identify the subject property as having institutional or engineering controls.

United States Environmental Protection Agency (USEPA)
Office of Emergency and Remedial Response
Emergency Response Notification System (ERNS)

The USEPA maintains a list of locations which have reported a release of oil or hazardous substances to the federal government. Most of the data in this system is based on information that was received during the initial notification.

A review of the ERNS list for 1999 determined there are no reported incidents on the subject property.

United States Department of Homeland Security
United States Coast Guard
National Response Center (NRC)

The NRC is the national point of contact for reporting all oil, chemical, radiological, biological and etiological discharges into the environment anywhere in the United States and its territories. In addition to gathering and distributing spill data for Federal On-Scene Coordinators and serving as the communications and operations center for the National Response Team, the NRC maintains agreements with a variety of federal entities to make additional notifications regarding incidents meeting established trigger criteria.

Phase I Environmental Site Assessment Report
135, 141 and 153 West Avenue 34
3401 and 3433 Pasadena Avenue
September 28, 2012

A review of the NRC list for 2012 determined there are no reported incidents on the subject property.

STATE AGENCY RECORDS

State of California
Environmental Protection Agency (CAL-EPA)
Department of Toxic Substances Control (DTSC)

CAL-EPA is responsible for the regulation and enforcement of environmental health laws within the state of California, as set forth by the California Health and Safety Code. CAL-EPA is also designated by the USEPA to assist in enforcing federal environmental laws. CAL-EPA regulates companies involved in the generation, transportation, storage and disposal of hazardous substances. CAL-EPA records include the "CalSites" database, which is a listing of 7,800 known active, inactive and abandoned hazardous waste sites. These sites have previously been reported in the Abandoned Site Program Information System (ASPIS), Bond Expenditure Plan (BEP), and Cortese databases. CAL-EPA records also include a listing of the California Integrated Waste Management Board's "Active" and "Closed and Inactive" landfills database.

A review of the January 2012 CAL-EPA records determined there are six listed "CalSite" facilities within one mile of the subject property:

Kennington (#1 on map)
3209 Humboldt Street
Los Angeles, CA 90031

This site was placed in "Active" status in April 1996. According to the records, the soil is contaminated with polychlorinated biphenyls (PCBs), tetrachloroethylene (PCE), and other chemicals. A site investigation or remediation of the site is currently in progress.

Jaybee Site at Lincoln Heights (#3 on map)
301 West Avenue 26
Los Angeles, CA 90031

This site was placed in "Active" status in April 2004. According to the records, the soil is contaminated with naphthalene, toluene, and other chemicals. A site investigation or remediation of the site is currently in progress.

Phase I Environmental Site Assessment Report
135, 141 and 153 West Avenue 34
3401 and 3433 Pasadena Avenue
September 28, 2012

Former Welch's Uniform Facility (#5 on map)
3505 Pasadena Avenue
Los Angeles, CA 90031

This site was placed in "Active" status in May 2007. According to the records, the soil is contaminated with trichloroethylene (TCE). A site investigation or remediation of the site is currently in progress. According to the records, the site was previously occupied by Welch's Uniform and has been used as a laundry and uniform rental facility over a 70 year period. Environmental studies conducted at the site indicate the soil and groundwater beneath the facility is contaminated with volatile organic compounds including trichloroethene (TCE).

Loreto Street Elementary School Addition (#6 on map)
3408 Arroyo Seco Avenue
Los Angeles, CA 90065

This site was placed in "Inactive - Needs Evaluation" status in September 2006. DTSC has determined that a Preliminary Endangerment Assessment or other evaluation is required.

Victor Industrial Battery (#7 on map)
138 North San Fernando Road
Los Angeles, CA 90031

This site was placed in "Certified Operation and Maintenance – Land Use Restrictions" status in March 1995. According to the records, the soil is potentially contaminated with liquids with PH<=2, acid solution 2>PH with metals, and other chemicals. Properties with Land Use Restrictions have limits on future property uses required by DTSC due to residual levels of contamination or the type of cleanup actions conducted.

National Aircraft Equipment Co. (#8 on map)
275 North Avenue 19
Los Angeles, CA 90031

This site was placed in "Inactive - Needs Evaluation" status in July 2005. DTSC has determined that a Preliminary Endangerment Assessment or other evaluation is required.

There are no active, closed or inactive landfill sites within a ½ mile radius of the subject property.

Phase I Environmental Site Assessment Report
135, 141 and 153 West Avenue 34
3401 and 3433 Pasadena Avenue
September 28, 2012

State of California
Environmental Protection Agency (CAL-EPA)
Department of Toxic Substances Control (DTSC)
Land Use Covenants

CAL-EPA/DTSC utilizes Land Use Covenants (LUCs) to protect the public from unsafe exposures to residual contamination that is left in place after site remediation activities have been completed. The LUC imposes limitations on land use when hazardous materials, wastes, or substances remain on the property at levels which are not suitable for unrestricted use of the land. The LUC includes easements, servitudes, covenants, and restrictions which run with the land and continue into perpetuity unless modified or terminated in accordance with applicable law. All LUCs are signed by the DTSC and the landowner, and recorded in the county where the land is located.

A review of the January 2012 DTSC database records did not identify any deed restrictions on the subject property.

State of California
Water Resources Control Board
Regional Water Quality Control Board (RWQCB)
Land Use Covenants

RWQCB utilizes Land Use Covenants (LUCs) to protect the public from unsafe exposures to residual contamination that is left in place after site remediation activities have been completed. The LUC imposes limitations on land use when hazardous materials, wastes, or substances remain on the property at levels which are not suitable for unrestricted use of the land. The LUC includes easements, servitudes, covenants, and restrictions which run with the land and continue into perpetuity unless modified or terminated in accordance with applicable law. All LUCs are signed by the RWQCB and the landowner, and recorded in the county where the land is located.

A review of the June 2011 RWQCB database records did not identify any deed restrictions on the subject property.

State of California
Water Resources Control Board
Regional Water Quality Control Board (RWQCB)

The RWQCB is responsible for monitoring the quality and flow of groundwater, and they address other potential threats to the groundwater from surface spills and leaks. The RWQCB monitors the contamination problem, the investigation and any remedial action. Their database information includes active and closed Cleanup Program Sites, Land Disposal Sites, Leaking Underground Storage Tank (LUST) Sites, Military Cleanup Sites, Military Privatized Sites,

Military Underground Storage Tank Sites and registered underground storage tank sites (RWQCB sites) within the State of California.

A review of the January 2012 RWQCB records determined the subject property is not listed as a known RWQCB site. According to the records, there is one known open RWQCB LUST site within a ½ mile radius of the subject property:

Chevron Station #9-3707 (#9 on map)
2601 North Figueroa Street
Los Angeles, CA 90065

This site was opened in September 1992. According to the records, the site is identified as an open LUST Cleanup Site that is undergoing a site assessment.

According to the records, there are one active non-LUST RWQCB Cleanup sites adjacent to the subject property:

Former Welch's Uniform Rental Site (#5 on map)
3505 Pasadena Avenue
Los Angeles, CA 90031

This case was first opened in December 1987, and the site is identified as an open Cleanup Program Site that is undergoing verification monitoring. According to the records, the groundwater is contaminated with non-petroleum hydrocarbon. A second case was opened in December 1998. According to the records, the site is identified as an open Cleanup Program Site that is undergoing a site assessment.

There are no records of registered underground storage tanks on the subject property, however, there are historical records of an underground storage tank on the adjacent property to the north (Welch's Uniform Rental Site, 3505 Pasadena Avenue).

5.2 Additional Environmental Record Sources

State of California
Department of Conservation
Division of Mines and Geology (CDMG)

The CDMG conducts studies, publishes maps, and provides information concerning the geological formations throughout the state of California. CDMG research information is combined with information from the United States Geological Survey and the ensuing geologic maps of the state are prepared. These geologic maps also illustrate the approximate locations of known earthquake faults.

A review of the area map published by CDMG indicates the geologic area surrounding the subject property consists of Recent alluvium, which includes alluvial fan, flood-plain, and streambed deposits. The client may wish to refer to the enclosed geologic map.

State of California
Department of Oil
Gas and Geothermal Resources (DOGGR)

The DOGGR regulates the drilling, operation and abandonment of gas and oil wells throughout the state of California. If an active, idle or abandoned well is located on or adjacent to a proposed construction site, DOGGR requires a site plan review prior to issuing a building permit. Abandoned oil wells must meet standards established in 1984.

A review of the area map published by DOGGR indicates there are no producing, idle or abandoned oil wells on or adjacent to the subject property. The client may wish to review the enclosed map.

South Coast Air Quality
Management District (AQMD)

The AQMD is responsible for the development and enforcement of regulations concerning air emissions and airborne hazards from stationary sources in the South Coast Air Basin. AQMD maintains a "Hot Spot" list of facilities whose air emissions pose as a risk to the surrounding community.

A review of the AQMD records determined there are no "Hot Spot" facilities on or adjacent to the subject property.

Los Angeles County
Department of Public Works
Waste Management Division (DPW/WMD)

DPW/WMD maintains maps showing the locations of active, inactive or future solid waste landfill sites in Los Angeles County.

A review of DPW's major waste systems map determined there are two landfill sites within a ½ mile radius of the subject property:

Los Angeles City (Lacy Street) (#10 on map)
400 Avenue 26
Los Angeles, CA 90031

According to the records, this site is listed as an inactive, Class II (municipal waste) landfill.

Phase I Environmental Site Assessment Report
135, 141 and 153 West Avenue 34
3401 and 3433 Pasadena Avenue
September 28, 2012

Unnamed Site (#11 on map)
Avenue 26 and Figueroa Street
Los Angeles, CA 90031

According to the records, this site is listed as an inactive, Class II (municipal waste) landfill.

Los Angeles County
Department of Public Works
Hydraulic/Water Conservation Division (DPW/HWC)

DPW/HWC maintains contour maps and data of the groundwater levels in the Los Angeles County area. The map shows the depth to the aquifer, as well as the approximate flow direction.

A review of this data revealed the site is located at an elevation of approximately 380 feet above sea level, and the closest well is located about ½ mile northwest of the site, at Cypress Avenue and Huron Street. The elevation of the well is 366 feet above sea level, and the groundwater levels are 327 feet above sea level, or 39 feet below the ground surface. Based on the topography of the area, the groundwater flow is expected to be to the west, although this cannot be confirmed due to lack of nearby wells.

Los Angeles County
Fire Department (LACOFD)
Health Hazardous Materials Division

LACOFD maintains inspection and inventory records of companies involved in the storage and use of hazardous materials, petrochemicals, or hazardous waste. LACOFD attempts to maintain a current record of the types of hazardous substances that are utilized or stored at a particular site, and conducts periodic inspections for safety and compliance. In addition, LACOFD maintains records concerning hazardous material sites in Los Angeles County, which are reported to LACOFD by various regulatory agencies. Upon receiving the report, LACOFD monitors the cleanup process on the contaminated site.

According to the LACOFD files, there are no records of hazardous material handlers or hazardous waste generators for the subject or adjacent properties. A review of the Active Mitigation Complaint Control Logs determined there are no listed sites on or adjacent to the subject property.

City of Los Angeles
Fire Department (LAFD)

LAFD maintains inspection and inventory records of companies involved in the storage and use of hazardous materials or petrochemicals. LAFD attempts to maintain a current record of the types of materials that are utilized at a particular site, and conducts periodic inspections for

safety and compliance. LAFD also maintains records on underground storage tanks, issues installation and removal permits, and monitors the contamination cleanup process.

A review of the LAFD files determined there are no records of underground storage tanks or hazardous materials inventories for the subject property.

A review of the LAFD files for 3505 Pasadena Avenue, which is the adjacent property to the north, revealed the site was previously occupied by Welch's Uniform. In 1987, Welch's Uniform applied for a permit to remove a 2,000-gallon underground diesel fuel tank. Soil sampling beneath the tank revealed significant Total Petroleum Hydrocarbon as gasoline (TPH-g) contamination (8,600 ppm). The groundwater beneath the site was determined to be about 35 feet below the ground surface, and the groundwater flows away from the subject property in a west-northwest direction. In February 1988, Welch's Uniform applied for a permit to abandon five underground storage tanks in-place, and in December 1988, Welch's Uniform applied for a permit to remove five additional underground storage tanks. In May 2004, Welch's Uniform applied for a permit to remove one additional 1,000-gallon underground storage tank. Soil sampling beneath the tank did not detect any contamination problems, and on October 26, 2004, the DPW/UGT issued a no further action letter for the closure of the 1,000-gallon underground tank.

5.3 Physical Setting Sources

A United States Geological Survey (USGS) 7.5 Minute Topographical map of the subject property and surrounding area is included in the appendices of the report. The map shows the locations of the identified offsite environmental risks or threats described in the report.

5.4 Historical Use Information on the Property

City of Los Angeles
Building Department

A review of the building records for the subject property located the following records:

Date	Activity	Owner
	135 Avenue 34	
01/23	Reroof building	East/Northeast Economic Dev. Corp.
	137 Avenue 34	
01/23	Move residence from 2639 Lacy Bel Avenue	Charles Mattingly
04/61	Demolish dwelling	Cannon Electric Co.

Phase I Environmental Site Assessment Report
135, 141 and 153 West Avenue 34
3401 and 3433 Pasadena Avenue
September 28, 2012

Date	Activity	Owner
	137½ Avenue 34	
01/23	Move residence from 2641 Lacy Bel Avenue	Charles Mattingly
04/61	Demolish dwelling	Cannon Electric Co.
	139 Avenue 34	
01/23	Move residence from 2643 Lacy Bel Avenue	Charles Mattingly
04/61	Demolish dwelling	Cannon Electric Co.
	141 Avenue 34	
07/16	Add two rooms to residence	Chas Fishback
07/16	Construct garage	Chas Fishback
02/28	Add two bedrooms to house	Felipe Villarreal
07/53	Construct garage	Joseph Gomez
08/56	Demolish building	Teal House Wreckers
08/74	Demolish storage building	East/Northeast Economic Dev. Corp.
	141-149 Avenue 34	
09/56	Construct parking lot	Cannon Electric Co.
04/77	Grade for building site	Los Angeles Economic Dev. Corp.
04/77	Encroach into 169 Ave. 34 & 3505 Pasadena Ave.	Los Angeles Economic Dev. Corp.
07/77	Construct foundation only for factory	Los Angeles Economic Dev. Corp.
08/77	Construct light manufacturing building	Los Angeles Economic Dev. Corp.
11/77	Add office partitions	Los Angeles Economic Dev. Corp.
12/77	Add storage tank for plastic pellets	Los Angeles Growing Corp.
	143 Avenue 34	
08/06	Construct dwelling	F.H. Small
08/56	Demolish building	Teal House Wreckers
08/74	Demolish storage building	East/Northeast Economic Dev. Corp.
	145 Avenue 34	
08/06	Construct dwelling	F.H. Small
08/56	Demolish building	Teal House Wreckers
08/74	Demolish storage building	East/Northeast Economic Dev. Corp.
	147 Avenue 34	
08/06	Construct dwelling	F.H. Small
08/56	Demolish building	Teal House Wreckers
08/74	Demolish storage building	East/Northeast Economic Dev. Corp.

Phase I Environmental Site Assessment Report
135, 141 and 153 West Avenue 34
3401 and 3433 Pasadena Avenue
September 28, 2012

Date	Activity	Owner
	149 Avenue 34	
08/06	Construct dwelling	F.H. Small
08/56	Demolish building	Teal House Wreckers
08/74	Demolish storage building	East/Northeast Economic Dev. Corp.
	151 Avenue 34	
08/74	Demolish storage building	East/Northeast Economic Dev. Corp.
	153 Avenue 34	
10/29	Construct factory	Frank Mark
08/05	Alter roof on dwelling	George Harris
03/66	Parapet corrections	M. Guillermo
12/00	Full compliance with division 88	Guillermo
	3407 Pasadena Avenue	
4/25	Construct private garage	John Murphy
--/45	Move building to 1037 North Avenue 63	Anne Bremer
06/45	Move garage to 123 West Avenue 34	Cubbison Bakery
08/46	Construct baking supply storage building	Cubbison Bakery
	3409 Pasadena Avenue	
08/12	Construct shed	John Murphy
02/23	Addition to residence	John Murphy
11/41	Add concrete floor for rat proofing	Cubbison Cracker Co.
	3411 Pasadena Avenue	
12/10	Construct shed	John Murphy
09/11	Construct shed	John Murphy
08/14	Rebuild porch on residence	John Murphy
09/36	Construct truck shelter	Sophie Cubbison
12/36	Construct storage building	Sophie Cubbison
09/40	Move residence to 9815 Telfair Avenue	L. Simon
04/54	Reroof shed and loading dock with metal roof	Cubbison's Bakery
	3413 Pasadena Avenue	
06/41	Add 30' x 96' to bakery	Cubbison Cracker Co.
	3415 Pasadena Avenue	
07/87	Reroof building	Illig Construction Co.
	3415-3419 Pasadena Avenue	
07/65	Parapet correction	Crocker Citizen Bank Trust Dept.
03/87	Full compliance with Division 88	Illig Investment Co.

Phase I Environmental Site Assessment Report
135, 141 and 153 West Avenue 34
3401 and 3433 Pasadena Avenue
September 28, 2012

Date	Activity	Owner
	3419 Pasadena Avenue	
09/25	Addition to bakery	Cubbison Bakery
09/25	Demolish old building	Cubbison Bakery
11/25	Construct private garage	Cubbison Bakery
06/28	Enlarge building	C.H. Cubbison
06/28	Remove brick and wood building	C.H. Cubbison
08/28	Add mezzanine	C.H. Cubbison
03/47	Add mezzanine	Cubbison Cracker Co.
04/55	Add toilets	Cubbison Cracker Co.
07/56	Interior partitions	Canon Electric Co., Lessee
	3421 Pasadena Avenue	
01/08	Construct residence	Mary Lawson
05/14	Add gas outlets	May Lawson
01/17	Add room to rear of house	James Smith
10/61	Demolish residence	Cannon Electric Co.
	3421-3423 Pasadena Avenue	
10/12	Repair residence	Jerry Hickey
	3423 Pasadena Avenue	
10/12	Construct residence	Mary Lawson
01/24	Construct real estate office	Catherine L. Condra
10/61	Demolish residence	Cannon Electric Co.
	3425 Pasadena Avenue	
07/51	Demolish residence	Stran Steel Products Co.
07/67	Prepare building site	Smith Mailer Co.
07/67	Construct industrial building	Smith Mailer Co.
08/67	Remove and re-compact loose fill soil	Smith Mailer Co.
08/67	Add 20'x85' to manufactured building	Smith Mailer Co.
	3429 Pasadena Avenue	
11/12	Add chimney to residence	Mrs. Zonberg
07/51	Demolish residence	Stran Steel Co.
	3431 Pasadena Avenue	
06/11	Add 6' to back porch	A. Fornberg
12/12	Build outside chimney	A. Fornberg
07/51	Demolish residence	Stran Steel Co.

Phase I Environmental Site Assessment Report
135, 141 and 153 West Avenue 34
3401 and 3433 Pasadena Avenue
September 28, 2012

Date	Activity	Owner
	3433 Pasadena Avenue	
01/74	Add 26'x96' metal carport	Smith Mailer Co.
	3437 Pasadena Avenue	
04/06	Construct cow barn	Mrs. Sherman Smith
01/37	Construct private garage	William G. Short
09/38	General repairs	H.H. Moser
08/56	Demolish residence	Teal House Wreckers

No other building or demolition permits were on file for the subject property.

County of Los Angeles
Assessor's Office

A review of the Assessor's records for the subject property determined that the light industrial building located at 3401 Pasadena Avenue was constructed in 1948. In addition, the light industrial building located at 3433 Pasadena Avenue was constructed in 1967, the warehouse located at 135 West Avenue 34 was constructed in the early 1940's, the warehouse located at 141 West Avenue 34 was constructed in 1977, and the commercial building located at 153 West Avenue 34 was constructed in 1929. The current property owner is identified as ED 1125 LLC.

Historical Aerial Photographs

A review of historical aerial photographs of the subject property determined the following information:

Date of Photo	Description
May 1938	The subject property is occupied by two industrial buildings, several residences and an open storage yard.
July 1948	The subject property is occupied by nine industrial buildings, several residences and an open storage yard.
August 1952	The subject property appears to be about the same as the 1948 photograph.
July 1964	The subject property is occupied by nine industrial buildings, two residences, several vacant lots and parking areas.
October 1972	The subject property is occupied by ten industrial buildings, open storage areas and parking areas.

Date of Photo	Description
October 1980	The subject property is occupied by the five existing industrial building buildings.
August 1989	The subject property appears to be about the same as the 1980 photograph.
May 1994	The subject property is occupied by the five existing industrial buildings.
March 1997	The subject property appears to be about the same as the 1994 photograph.
June 2002	The subject property is occupied by the five existing industrial buildings.
March 2011	The subject property appears to be about the same as the 2002 photograph.

Historic Sanborn Fire Insurance Maps

Sanborn Fire Insurance Maps provide information on commercial and industrial properties, based on risk data gathered for the fire insurance companies. The maps show the number of buildings located on the property, and the type of construction. The maps also describe the various businesses located nearby, and show the locations of tanks, boilers, and other potential hazards.

A review of the Sanborn Fire Insurance Map collections from 1867-1970, located three maps for the subject property:

Date of Map	Description
1906	The subject property is occupied by 16 residences, 10 sheds, two barns and a small bakery.
1920	The subject property is occupied by 21 residences, nine sheds, seven garages, a bakery and portions of the Los Angeles Rock and Gravel Co., which consisted of eight buildings which were used as oil houses, greases houses, a tool house, an office and an auto repair canopy.
1951	The subject property is occupied by 22 residences, eight garages, a bakery and 10 commercial buildings which were used for offices, warehousing, storage and as workshops.

Historic City Directory Search

City Directories provide information on residential, commercial and industrial properties, and list the business name and address. A review of the historic directories provides an overview of the current and previous occupants of the site.

A search of the Haines Criss Cross City Directories, dated 1972-2009, determined the subject property has been previously occupied by Smith Mailer Inc. (1972-1987), GT Price Products (1972), Alta Canada Corp. (1987), American Bearing (1987), Laramada Corp. (1987), Lorac Financial Services (1987), Metal Service Corp. (1987), American Caster Corp. (1987-1992), Ann Mar Inc. (1987), Empire Button Co. (1987), William Pile Printing (1987-1992) and Bob Baker Productions (1992).

A review of the building permit records, historical aerial photographs, Sanborn fire insurance maps, assessor records and historic city directories determined the 153 Avenue 34 building was constructed over 83 years ago and the site was previously occupied by residences. The 141 Avenue building was constructed in 1977, and the site was previously occupied by portions of the Los Angeles Rock and Gravel Co., which included structures used for auto repair and two oil houses. The 141 Avenue 34 building was previously occupied by The Steel Framing and Building Corporation, several light-industrial buildings and several residences. The 135 Avenue 34 building was constructed over 62 years ago and the site was previously occupied by residences. The 3401 Pasadena Avenue was constructed in 1948, and the site was previously occupied by another commercial building and residences. The 3433 Pasadena Avenue building was constructed in 1967 and the site was previously occupied by several residences. The city directory listings indicate the subject property was previously occupied by metal work and printing businesses.

5.5 Historical Use Information on the Adjoining Properties

Historical Aerial Photographs

A review of historical aerial photographs of the adjoining properties determined the following information:

Date of Photo	Description
May 1938	North of the subject property is a large industrial facility with several industrial buildings. To the east is Pasadena Avenue, and further east is a commercial building and several residences. To the south is Avenue 34, and further south is a commercial building and several residences. To the west is a railroad right-of-way, and further west is an industrial facility with several light-industrial buildings.
July 1948	North of the subject property is a large industrial facility with several industrial buildings. To the east is Pasadena Avenue, and further east is a commercial building and several residences. To the south is Avenue 34, and further south is a commercial building and several residences. To the west is a railroad right-of-way, and further west is an industrial facility with several light-industrial buildings.

Phase I Environmental Site Assessment Report
135, 141 and 153 West Avenue 34
3401 and 3433 Pasadena Avenue
September 28, 2012

Date of Photo	Description
August 1952	The surrounding properties appear to be about the same as the 1948 photograph.
July 1964	North of the subject property is a large industrial facility with several industrial buildings. To the east is Pasadena Avenue, and further east is a commercial building and several residences. To the south is Avenue 34, and further south is a commercial building, several residences and a large parking lot. To the west is a railroad right-of-way, and further west is an industrial facility with several light-industrial buildings.
October 1972	North of the subject property is a large industrial facility with several industrial buildings. To the east is Pasadena Avenue, and further east are several commercial buildings and several residences. To the south is Avenue 34, and further south is a commercial building, several residences and a large parking lot. To the west is a railroad right-of-way, and further west is an open storage yard.
October 1980	The surrounding properties appear to be about the same as the 1972 photograph.
August 1989	North of the subject property is a large industrial facility with several industrial buildings. To the east is Pasadena Avenue, and further east are several commercial buildings and several residences. To the south is Avenue 34, and further south are several commercial buildings, several residences and a large parking lot. To the west is a railroad right-of-way, and further west is a vacant lot.
May 1994	North of the subject property is a vacant lot. To the east is Pasadena Avenue, and further east are several commercial buildings and several residences. To the south is Avenue 34, and further south are several commercial buildings, several residences and a large parking lot. To the west is a railroad right-of-way, and further west is a vacant lot.
March 1997	The surrounding properties appear to be about the same as the 1994 photograph.
June 2002	North of the subject property is a vacant lot. To the east is Pasadena Avenue, and further east are several commercial buildings and several residences. To the south is Avenue 34, and further south are several commercial buildings, several residences and a large parking lot. To the west is a railroad right-of-way, and further west is a parking lot.

Date of Photo	Description
March 2011	North of the subject property is a vacant lot. To the east is Pasadena Avenue, and further east are several commercial buildings and several residences. To the south is Avenue 34, and further south are several commercial buildings, several residences and a large parking lot. To the west is a railroad right-of-way, and further west is an industrial building and a parking lot.

Historic Sanborn Fire Insurance Maps

Sanborn Fire Insurance Maps provide information on commercial and industrial properties, based on risk data gathered for the fire insurance companies. The maps show the number of buildings located on the property, and the type of construction. The maps also describe the various businesses located nearby, and show the locations of tanks, boilers, and other potential hazards.

A review of the Sanborn Fire Insurance Map collections from 1867-1970, located three maps for the area surrounding the subject property:

Date of Map	Description
1906	The property to the north is occupied by six residences, a barn and three sheds. Pasadena Avenue is to the east and there is no map coverage available for the property east of Pasadena Avenue. South of the subject property is Avenue 34 and further south are two stores, 12 residences, nine sheds, a barn and a fruit packing building. West of the subject property is a railroad right-of-way and further west is vacant land and the Arroyo Seco wash.
1920	The property to the north is occupied by several residences, garages and sheds, and further north is a large industrial facility which is occupied by Pacific Laundry. Pasadena Avenue is east and further east are several residences, garages and sheds. South of the subject property is Avenue 34 and further south are several residences, garages, sheds and a fuel storage area. West is of the subject property is a railroad right-of-way and further west is vacant land and the Arroyo Seco wash.

Date of Map	Description
1951	The property to the north is occupied by several residences, garages and sheds and further north is a large industrial facility which is occupied by Welch's Uniform and Overall Cleaning Co. A dry-cleaning building is located within the Welch's Facility. Pasadena Avenue is to the east and further east are several residences, garages, sheds and Hillside Elementary School. South of the subject property is Avenue 34 and further south are two stores, several residences, garages, sheds and a scrap metal storage yard. West of the subject property is a railroad right-of-way and further west is a lumber yard which is occupied by Alliance Lumber and Investment Co.

Historic City Directory Search

City Directories provide information on residential, commercial and industrial properties, and list the business name and address. A review of the historic directories provides an overview of the current and previous occupants of the adjoining properties.

A search of the Haines Criss Cross City Directories, dated 1972-2009, found no listings for the adjacent property to the north. The property east of Pasadena Avenue has been previously occupied by Hillside Elementary School (1972-2009) and residences (1972-2009). The property south of Avenue 34 has been occupied by residences (1972-2009), Ishizaki Studios (1987), Argus Tool Manufacturing (1987), Smart Saver (1987-1992), Pasadena Avenue Market (1987-1992), AAA Fashions (1992), Tere's Fashions (1992-2009), Allied Die Cutting (1992), Three Star Refrigeration (1992), ACW Apparel Inc. (2009) and Water Land Inc. (2009). No listings were found for the adjacent property to the west

A review of historical aerial photographs, Sanborn fire insurance maps and historic city directories determined the adjacent property to the north has been vacant land for over 18 years and the site was previously occupied by Welch's Uniform and Overall Cleaning Co. The apartment complex east of Pasadena Avenue was constructed in the early 1970's and the site was previously occupied by residences. The Hillside Elementary School and residences east of Pasadena Avenue were constructed over 74 years ago and the school property was previously occupied by residences. The commercial buildings south of Avenue 34 were constructed over 40 years ago and the sites were previously occupied by residences. The residences south of Avenue 34 were constructed over 74 years ago. The industrial building west of the railroad right-of-way was constructed within the past ten years and the site was previously occupied by a large parking lot and open storage yard. Prior to the development of the storage yard and parking lot, the property west of the railroad right-of-way was occupied by Alliance Lumber and Investment Co. The city directory listings identified the surrounding properties have been occupied by manufacturing and metal work businesses.

6.0 SITE RECONNAISSANCE

6.1 Methodology and Limiting Conditions

The site reconnaissance consisted of a walk through the entire property, and visually observing the structures, storage areas, and parking lots. No inspection was conducted under floors, above ceilings, or behind walls.

6.2 General Site Setting

The site consists of five industrial buildings with paved parking and storage areas, located in a mixed industrial, commercial and residential area of Los Angeles (see site plan).

6.3 Subject Property Observations

On September 19, 2012, an inspection of the subject property and surrounding area was conducted by Environmental Assessor James Robert Orswell. The subject property is occupied by five single-story industrial buildings, described as follows:

The 3401 Pasadena Avenue building consists of a single-story wood-frame and brick light-industrial structure (see photos #1 and #2) which is occupied by the Water Wellness Center, a business office, and Warner Brothers Studios, a warehouse television props. The building is divided into an office area and a warehouse area. Inside, the building has an open wood beam and an exposed concrete floor (see photos #3 and #4). A storage mezzanine is located above the offices and is accessed via a stairwell. There is no elevator in the building. The heating, ventilation and air conditioning (HVAC) system for the building appears to be mounted on the roof.

The 3433 Pasadena Avenue building consists of a single-story wood-frame and concrete-block light-industrial structure (see photo # 5) which is occupied by the Warner Brothers Studios prop department. The building is divided into an office area and a production area. Inside, the office ceilings are covered with suspended-grid acoustic tile and the floors are covered with vinyl tile (see photo #6). The production area has open wood beam ceilings and the floors are exposed concrete. Large quantities of water-based paint are stored and used inside the production area (see photo #7). No significant spills or leaks were observed on the production area floors. A sign on the exterior of the building indicates the building has previously been occupied by a die and metal stamping business. The HVAC system for the building appears to be mounted on the roof.

The 135 West Avenue 34 building consists of a single-story corrugated steel warehouse (see photo #8). A sign on the exterior of the building indicates the structure is occupied by the Submission Factory, a gym. The business was closed and the interior of the building was not available for inspection. No HVAC system was observed for the building.

The 141 West Avenue 34 building consists of a single-story concrete tilt-up, wood frame and brick warehouse (see photo # 9) which is occupied by Ortiz Bros. Moving and Storage. The building is divided into an office area and a warehouse area. Inside, the office ceilings are covered with suspended-grid acoustic tile and the floors are covered with vinyl tile or carpeting (see photo #10). The warehouse has an open wood beam ceiling and an exposed concrete floor (see photos #11 and #12). The warehouse area is used to store customers' personal belongings, and no hazardous materials were observed to be stored inside the warehouse area. There are several loading docks on the east side of the building. The HVAC system for the building appears to be mounted on the roof and side of the building.

The 153 West Avenue 34 building consists of a single-story brick commercial structure (see photo #13). The building was locked and access to the interior of the building was not available for inspection. No HVAC system was observed for the building.

Outside, between the buildings are paved parking and open storage areas (see photo #14). On the west side of the subject property, there is another large paved open storage area (see photo #15). Portions of the parking and storage areas were inaccessible for inspection due to the cluttered storage of large crates, trucks, miscellaneous objects and cars (see photo #16). Several roll-off storage containers were stored at the site, and access to the containers was unavailable at the time of inspection. Commercial trash bins are located in the paved parking and storage areas (see photo #17), and no signs of improper solid waste disposal were observed. The electrical power in the area is supplied by overhead utility lines which bisect the subject property (see photo #18) and also runs along Avenue 34. A ground-mounted electrical transformer is located on the west side of the 141 Avenue 34 building, and no signs were observed on the transformer indicating the presence of polychlorinated biphenyls (PCBs). No signs of illegal dumping or distressed vegetation were observed on the property. There was no evidence of underground storage tanks, septic tanks or monitoring wells on the property, and there was no indication of obvious contamination on the site.

6.4 Adjoining Property Observations

Northern Border

North of the subject property is a vacant lot (see photo #19). The property is identified by the State of California Environmental Protection Agency (CAL-EPA) Department of Toxic Substances Control (DTSC) as an active hazardous waste site and by the State of California Regional Water Quality Control Board (RWQCB) as having two open RWQCB Cleanup Program sites, and it appears that the property is in the process of undergoing remediation.

Eastern Border

East of the subject property is Pasadena Avenue, and further east is Hillside Elementary School, an apartment complex (see photo #20) and several residences. There were no visible signs of spills or contamination on the adjacent properties.

Southern Border

South of the subject property is Avenue 34. Located at the western terminus of Avenue 34, there were two groundwater monitoring wells (see photo #21). The wells were installed to monitor the groundwater contamination in the area from the former Welch's Uniform facility located further north. South of Avenue 34 are several residences (see photo #22), a parking lot and five commercial buildings which are occupied by VGA Apparel and several other unidentified tenants (see photo #23). There were no visible signs of spills or contamination on the adjacent properties.

Western Border

West of the subject property is a railroad right-of-way, and further west is an unidentified industrial building and a large parking lot (see photo #24). There were no visible signs of spills or contamination on the adjacent properties.

7.0 INTERVIEWS

7.1 Interview with Owner

Mr. Eric Ortiz, the property owner and owner of Ortiz Bros. Moving and Storage, advised he purchased the subject property in 2000, and he has occupied the site since 1993. He stated the buildings have been used for distribution and warehousing purposes. He said his business stores customers' personal items, and no hazardous materials are allowed to be stored inside the 141 Avenue 34 building. Mr. Ortiz advised the site has a closed and abandoned wastewater clarifier located on the west side of the 141 Avenue 34 building. Mr. Ortiz said the 135 Avenue 34 building is occupied by The Submission Factory, a gym and he is unaware of any hazardous materials being stored inside the building. In addition, Mr. Ortiz stated the 153 Avenue 34 building is used for storage of water, and no large quantities of hazardous materials are used or stored in the building. Mr. Ortiz said the property to the north was previously occupied by Welch's Uniform and the State of California has been conducting activities at the site for over a decade. Mr. Ortiz said he is unaware of the two groundwater monitoring wells located near the southwest corner of the site. Mr. Ortiz advised to the best of his knowledge, there are no underground storage tanks, septic tanks or wells on the site, and he is not aware of any other chemical spills or contamination problems.

7.2 Interview with Site Manager

Mr. Ortiz is the property manager (see Section 7.1 - Interview with Owner).

7.3 Interviews with Occupants

The unidentified safety manager for Warner Brothers Studios provided Orswell & Kasman, Inc with a copy of the hazardous materials handler permit for the small quantities of water-based paint stored and used within the 3433 Pasadena Avenue building. The safety manager stated that hazardous wastes in the form of waste paint are generated by the business activities and the wastes are collected by Rinco Environmental Services. The safety manager stated he is unaware of any contamination problems at the 3433 Pasadena Avenue building.

7.4 Interviews with Local Government Officials

No interviews with local government officials were conducted.

7.5 Interview with Others

No interviews with other people were conducted concerning the subject property.

8.0 FINDINGS

8.1 Recognized Environmental Conditions

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Standard Practice E 1527-05 on the multi-tenant commercial property located at 135, 141 and 153 West Avenue 34 and 3401 and 3433 Pasadena Avenue, Los Angeles, California, the Property. Any exceptions to, or deletions from the Standard Practice are described in Section 2.4 of this report. This assessment has revealed no evidence of *recognized environmental conditions* in connection with the Property, except as follows:

1) The subject property is occupied by multiple tenants. The 3433 Pasadena Avenue building is currently occupied by Warner Brothers Studios, a prop and set design business. The business stores and uses large quantities of water-based paint, and waste paint is generated by the business activities. The hazardous materials and hazardous wastes appear to be properly stored and managed and no significant spills or leaks were observed on the premises; and

2) Eleven offsite locations have been identified as potential risks or threats to the subject property. According to the data, ten of the sites are not located in the near vicinity, and there is no indication that contaminants from these sites have migrated onto the subject property.

The former Welch's Uniform Facility site (#5 on map), 3505 Pasadena Avenue, is located on the adjacent property to the north, and the business is identified by State of California Environmental Protection Agency (CAL-EPA) Department of Toxic Substances Control (DTSC) as an active hazardous waste site. According to the DTSC CalSite database records, the site was previously occupied by Welch's Uniform and the property was used as a laundry and uniform rental facility over a 70 year period. Environmental studies indicate the soil and groundwater beneath the facility is contaminated with volatile organic compounds including trichloroethene (TCE). In addition, the former Welch's Uniform Rental site is identified by the State of California Regional Water Quality Control Board (RWQCB) as having two open RWQCB Cleanup Program sites. The first case was first opened in December 1987. According to the RWQCB records, the groundwater was contaminated with non-petroleum hydrocarbons, and the site is undergoing verification monitoring. The second case was opened in December 1998 and the site is undergoing an assessment. A review of the City of Los Angeles Fire Department (LAFD) records revealed Welch's Uniform applied for a permit to remove a 2,000-gallon underground diesel fuel tank in 1987. Soil sampling beneath the tank revealed significant Total Petroleum Hydrocarbon as gasoline (TPH-g) contamination (8,600 ppm). The groundwater beneath the site was determined to be about 35 feet below the ground surface, and the groundwater flows away from the subject property in a west-northwest direction. In February 1988, Welch's Uniform applied for a permit to abandon five underground storage tanks in-place, and in December 1988, Welch's Uniform applied for a permit to remove five additional underground storage tanks. In May 2004, Welch's Uniform applied for a permit to remove one additional 1,000-gallon underground storage tank. Soil sampling beneath the tank did not detect any contamination problems, and on October 26, 2004, the DPW/UGT issued a no further action letter for the closure of the 1,000-gallon underground tank. An inspection of the property revealed the site is currently a vacant lot, and remedial activities were being conducted on the site.

8.2 Historical Recognized Environmental Conditions

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Standard Practice E 1527-05 on the multi-tenant commercial property located at 135, 141 and 153 West Avenue 34 and 3401 and 3433 Pasadena Avenue, Los Angeles, California, the Property. Any exceptions to, or deletions from the Standard Practice are described in Section 2.4 of this report. This assessment has revealed no evidence of *historical recognized environmental conditions* in connection with the Property.

9.0 OPINION

Should it be determined the groundwater beneath the subject property has in fact been impacted by the Former Welch's Uniform Rental site, it is the policy of the State of California and the United States Environmental Protection Agency not to hold property owners responsible for

costs to clean up contaminated groundwater beneath their property, unless the owners contributed to the problem. There is no indication from a review of the regulatory records and a site inspection that the subject property has had any problems concerning the storage, usage or disposal of hazardous materials, and it appears the former Welch's Uniform Rental site is in the process of addressing the contamination problem.

Based on a review of regulatory and historical records, and interviews with the property owner and the safety manager for Warner Brothers Studios, and a visual inspection of the site and surrounding area, this assessment has found no evidence of *recognized environmental conditions or historical recognized environmental conditions* which are likely to impact the subject property. Although data failure occurred in the historical uses of the Property prior to 1906, it is unlikely the data failure will impact the ability to identify *recognized environmental conditions.*

10.0 CONCLUSIONS

Based on the results of this assessment, no further environmental studies are recommended for the site.

11.0 DEVIATIONS

This report was prepared in conformance to meet or exceed the scope and practice as set forth by the American Society for Testing & Materials (ASTM) Standard Practice E 1527-05, "Standard Practice of Environmental Site Assessments: Phase I Environmental Site Assessment Process." No significant deviations, deletions, or client-imposed constraints were made from this practice.

12.0 ADDITIONAL SERVICES

No additional services including a broader scope of services, liability/risk evaluations, or remedial activities are included in this report.

13.0 REFERENCES

All government records and maps were obtained directly from the regulatory agencies identified in this report. The fire insurance map information was obtained from Digital Sanborn Maps, 1867-1970, Ann Arbor, Michigan. The aerial photographs were obtained from BBL Consultants, Solana Beach, California; the United States Geological Survey, Menlo Park, California; or the United States Department of Agriculture, Salt Lake City, Utah. The city directory search information was obtained from Sherman Library and Gardens, Corona Del Mar, California.

14.0 STATEMENT OF ENVIRONMENTAL PROFESSIONALS

We declare that, to the best of our professional knowledge and belief, we meet the definition of *Environmental Professionals* as defined in §312.10 of 40 CFR 312. We have the specific

qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed the all appropriate inquires in conformance with the standards and practices set forth in 40 CFR Part 312. The individual qualifications of these professionals are included in the appendices of this report.

15.0 APPENDICES

15.1 Site and Vicinity Map

A United States Geological Survey (USGS) 7.5 Minute Topographical map of the subject property and surrounding area is included in the appendices of the report. The map shows the locations of the identified offsite environmental risks or threats described in the report.

15.2 Site Plan

A site plan of the subject property is included in the appendices of the report. The site plan shows the general location of the structures on the property, and other items of interest which were identified in the description of the site.

15.3 Site and Vicinity Photographs

Photographs of the subject property and surrounding neighborhood are attached to this report. These photographs were taken at the time of the site inspection.

15.4 Historical Research Documentation

Building permit records were obtained directly from the regulatory agency identified in this report. The aerial photographs summarized in this report were obtained from BBL Consultants, Solana Beach, California; the United States Geological Survey, Menlo Park, California; or the United States Department of Agriculture, Salt Lake City, Utah. The Sanborn Fire Insurance Map information was obtained from Digital Sanborn Maps, 1867-1970, Ann Arbor, Michigan. The city directory search information was obtained from Sherman Library and Gardens, Corona Del Mar, California.

15.5 Regulatory Records Documentation

All government records were obtained directly from the regulatory agencies identified in this report.

15.6 Interview and Research Documentation

All of the field notes and supporting information obtained from interviews and research concerning the subject property are maintained in the report file at the offices of Orswell & Kasman, Inc.

15.7 Special Contractual Conditions between User and Environmental Professional

No special contractual conditions or agreements exist between the client and any of the employees of Orswell & Kasman, Inc., and Orswell & Kasman, Inc. does not have any financial interest in the subject property.

15.8 Qualifications of the Environmental Professionals

Attached to this report are the résumés of Marty Kasman and James Orswell, who conducted the site inspection, the records review, and prepared the report.

APPENDIX

MARTY KASMAN

Marty Kasman, a principal of the company, is a Registered Environmental Health Specialist (#4927) and a Registered Environmental Assessor (#4022) with the State of California. He is also a USEPA/AHERA accredited Asbestos Management Planner and California Certified Asbestos Consultant (#99-2553). He received his Bachelor of Science and Master of Science degrees in Environmental and Occupational Health Science from California State University at Northridge. He also has a Certificate in Hazardous Materials Management from the University of California at Los Angeles (UCLA). In addition, Mr. Kasman also received specialized hazardous materials training at the Federal Law Enforcement Training Center in Georgia.

Mr. Kasman served fourteen years with the Los Angeles County Fire Department, as a Supervising Hazardous Material Specialist and Deputy Health Officer. For a majority of his Fire Department career, Mr. Kasman worked in the Criminal Investigations Unit, and he was assigned to the Los Angeles County District Attorney's Environmental crimes Task Force. His responsibilities included field and laboratory work in hazardous materials management, conducting inspections of industrial plant operations, and monitoring cleanup activities. In addition, Mr. Kasman has investigated hundreds of abandoned waste sites and other cases involving the illegal dumping of hazardous materials throughout Los Angeles County.

Mr. Kasman currently serves as an environmental consultant to industry management in the proper handling of hazardous materials and waste. He has taught courses in hazardous materials regulatory compliance and waste management at UCLA, California State University at Northridge, and the California Specialized Training Institute at San Luis Obispo. Mr. Kasman served on the State of California Local Unified Program Implementation Committee (LUPIC) to develop a standardized hazardous materials contingency plan.

Mr. Kasman's extensive education, training, and experience in hazardous materials management make him fully qualified to conduct environmental assessments and investigations. He is the former president, director, and a life-time member of the California Hazardous Materials Investigators Association. He is also a former director of the Local Environmental Enforcement Officers Association, and the Los Angeles County Association of Environmental Health Specialists. He is a member of California and National Environmental Health Associations, and the National Association of Government Guarantee Lenders.

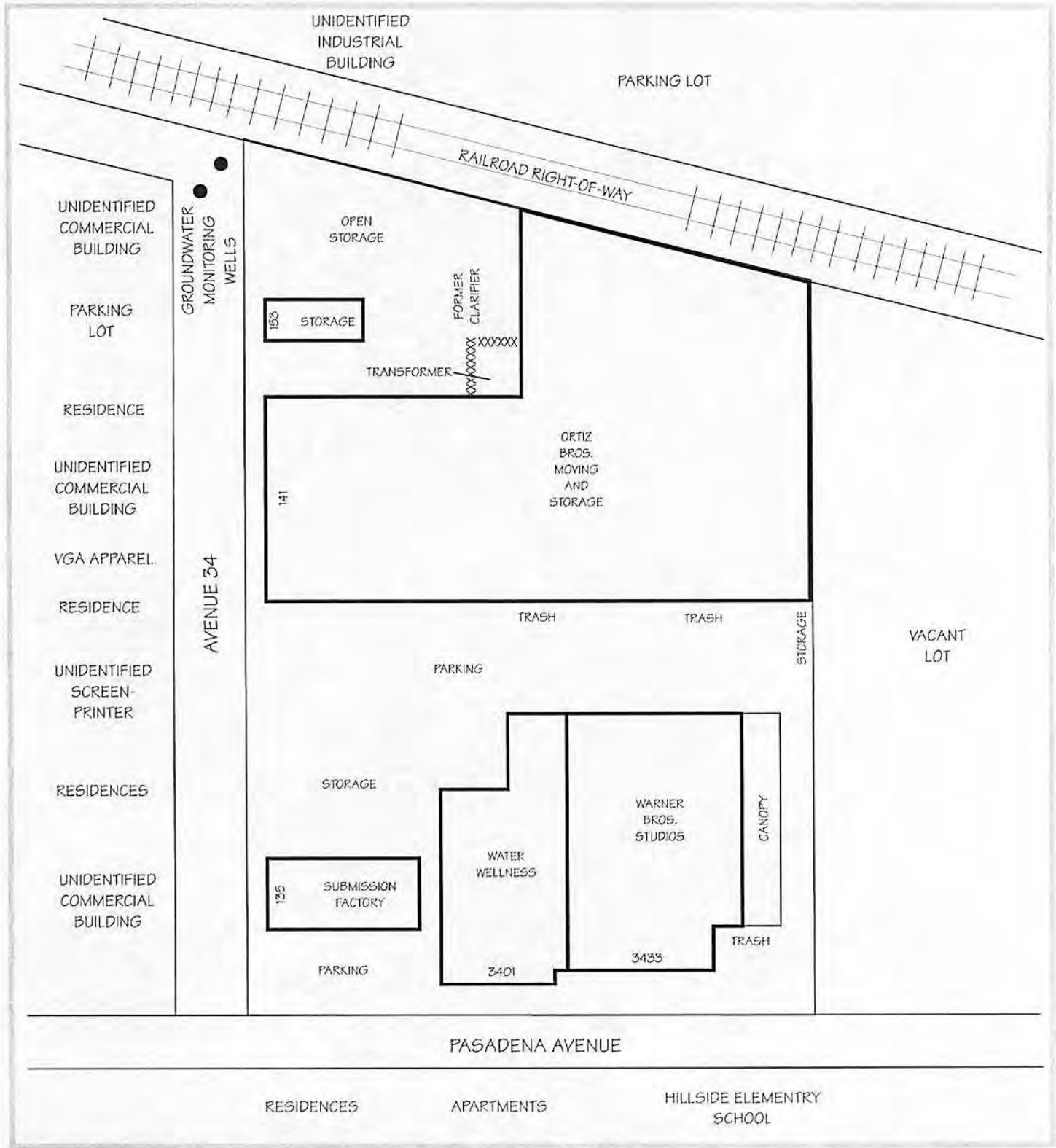
JAMES ROBERT ORSWELL

James R. Orswell is a Registered Environmental Assessor with the State of California. Since graduating from Utah Valley University, he has participated in thousands of Phase I Environmental Site Assessment reports, Transaction Screen reports, soil vapor surveys, methane assessments, historical use reports and Phase II projects on commercial, industrial, and residential properties.

Mr. Orswell is an expert document writer, data collector and is an experienced mortgage loan officer. Since 2002, Mr. Orswell has worked in the environmental assessment and consulting field, researching and conducting numerous environmental investigations throughout the United States. He has worked directly with major lending institutions, real estate professionals, lawyers, city planners, and private clients. Mr. Orswell has worked along with the Department of Defense in plotting Former Used Defense Sites (FUDS) and is a Certified Mold Inspector. He has managed multiple underground storage tank removals, installation of soil vapor extraction systems and has overseen several subsurface investigations in Southern California.

He is also an Eagle Scout, volunteer with many non-profit organizations, and an avid outdoors enthusiast. Mr. Orswell's education, training, and experience provide him with the qualifications to conduct environmental assessments and investigations.

SITE
1
2
3
4
5
6
7
8
9
10
11
Highland Park
Glassell Park
Mt. Washington
Happy Valley
Lincoln Heights
DODGER STADIUM
UNCOLN PARK
Broadway
Avenue 26
Pasadena Fwy
TN
MN
13½°
0 5 MILE
0 1000 FEET 0 500 1000 METERS
Map created with TOPO!® ©2002 National Geographic (www.nationalgeographic.com/topo)



ORSWELL & KASMAN, INC.
Environmental Assessments & Consulting
316 West Foothill Boulevard
Monrovia, CA 91016

135, 141 & 153 WEST AVENUE 34 AND
3401 & 3433 PASADENA AVENUE
LOS ANGELES, CA 90031

N

NOT TO SCALE
FOR ORIENTATION PURPOSES ONLY

Phase I Environmental Site Assessment Report
135, 141 & 153 West Avenue 34 and
3401 and 3433 Pasadena Avenue
September 28, 2012

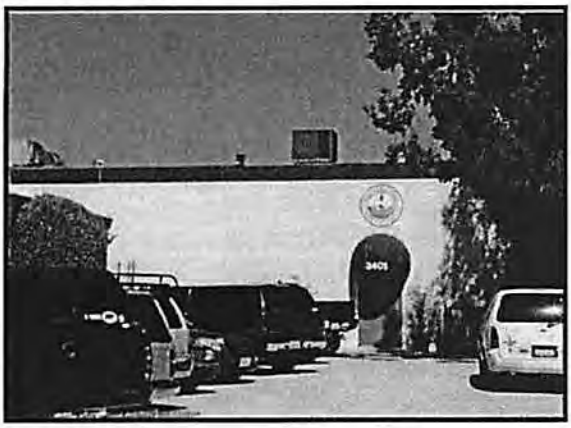


Photo #1

Photo #2

Photo #3

Photo #4

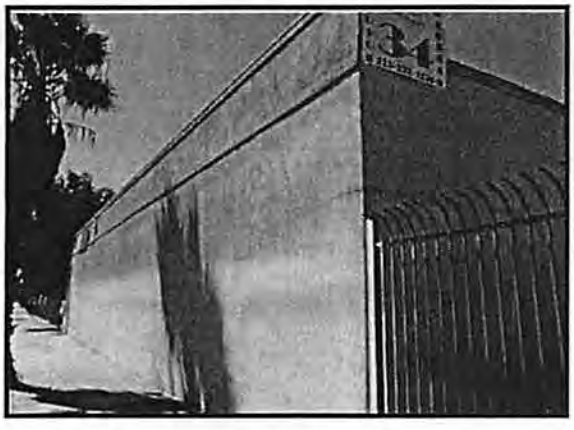


Photo #5

Photo #6

Phase I Environmental Site Assessment Report
135, 141 & 153 West Avenue 34 and
3401 and 3433 Pasadena Avenue
September 28, 2012

Photo #7

Photo #8

Photo #9

Photo #10

Photo #11

Photo #12

Photo #13

Photo #14

Photo #15

Photo #16

Photo #17

Photo #18

CONTOUR INTERVAL 200 FEET
WITH SUPPLEMENTARY CONTOURS AT 100 FOOT INTERVALS

GEOLOGIC MAP OF CALIFORNIA

EXPLANATION

SEDIMENTARY AND METASEDIMENTARY ROCKS

CENOZOIC

QUATERNARY

Recent

- Qs — Dune sand
- Qal — Alluvium
- Qsc — Stream channel deposits
- Qf — Fan deposits
- Qb — Basin deposits

GREAT VALLEY

- Qsl — Salt deposits
- Ql — Quaternary lake deposits
- Qg — Glacial deposits

Pleistocene

- Qt — Quaternary nonmarine terrace deposits
- Qm — Pleistocene marine and marine terrace deposits
- Qc — Pleistocene nonmarine
- QP — Plio-Pleistocene nonmarine

TERTIARY

Pliocene

- Pc — Undivided Pliocene nonmarine
- Puc — Upper Pliocene nonmarine
- Pu — Upper Pliocene marine
- Pmlc — Middle and/or lower Pliocene nonmarine
- Pml — Middle and/or lower Pliocene marine

Miocene

- Mc — Undivided Miocene nonmarine
- Muc — Upper Miocene nonmarine
- Mu — Upper Miocene marine
- Mmc — Middle Miocene nonmarine
- Mm — Middle Miocene marine
- Ml — Lower Miocene marine

Oligocene

- Φc — Oligocene nonmarine
- Φ — Oligocene marine

Eocene

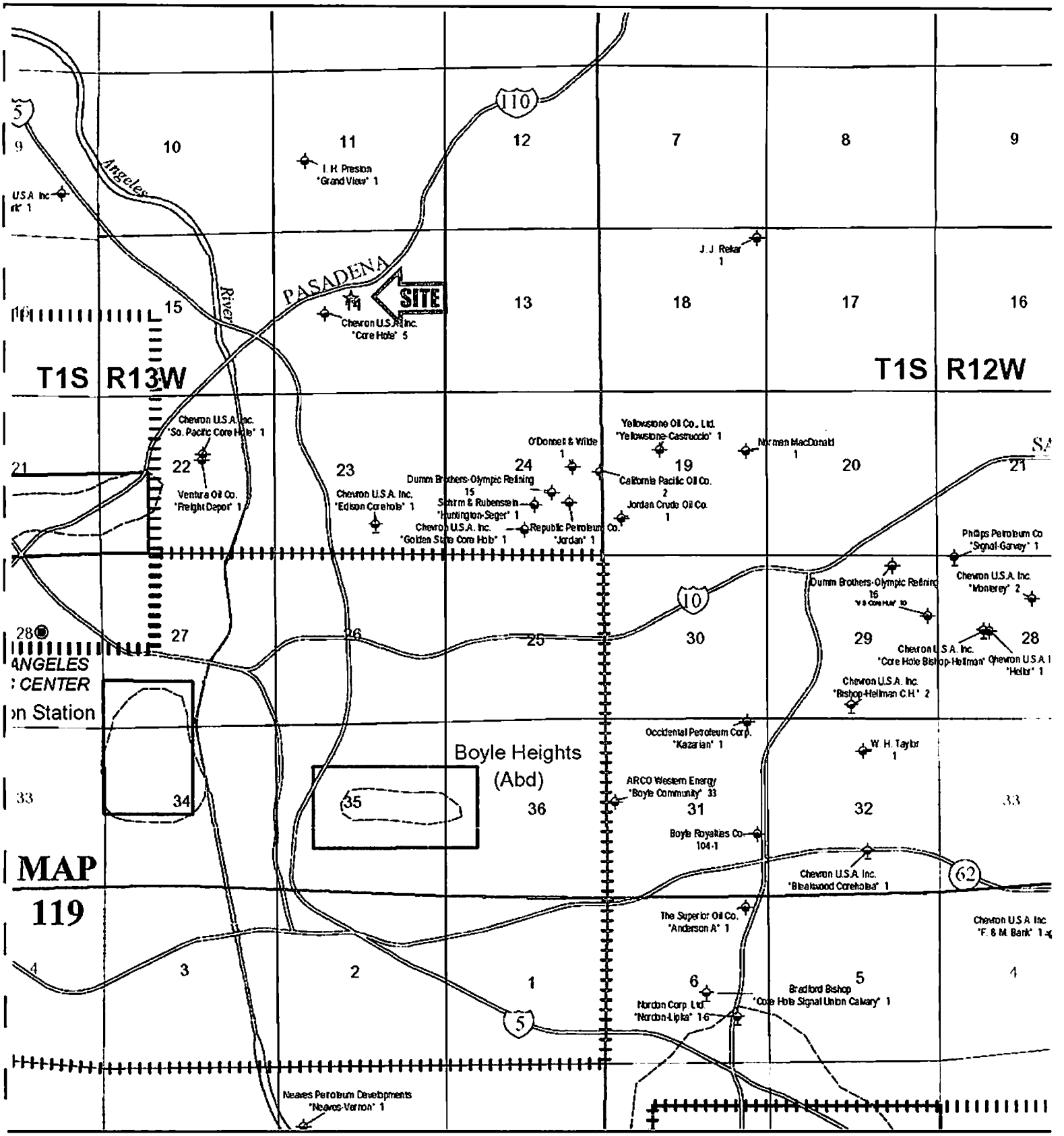
- Ec — Eocene nonmarine
- E — Eocene marine

Paleocene

- Epc — Paleocene nonmarine
- Ep — Paleocene marine

IGNEOUS AND META-IGNEOUS ROCKS

- Qrv — Recent volcanic: Q_{rv}^{r} —rhyolite; Q_{rv}^{a} —andesite; Q_{rv}^{b} —basalt; Q_{rv}^{p} —pyroclastic rocks
- Qpv — Pleistocene volcanic: Q_{pv}^{r} —rhyolite; Q_{pv}^{a}—andesite; Q_{pv}^{b} —basalt; Q_{pv}^{p} —pyroclastic rocks
- Quaternary and/or Pliocene cinder cones
- Pv — Pliocene volcanic: P_{v}^{r} —rhyolite; P_{v}^{a}—andesite; P_{v}^{b} —basalt; P_{v}^{p} —pyroclastic rocks
- Mv — Miocene volcanic: M_{v}^{r} —rhyolite; M_{v}^{a} —andesite; M_{v}^{b} —basalt; M_{v}^{p} —pyroclastic rocks
- Φv — Oligocene volcanic: Φ_{v}^{r}—rhyolite; Φ_{v}^{a} —andesite; Φ_{v}^{b}—basalt; Φ_{v}^{p}—pyroclastic rocks
- Ev — Eocene volcanic: E_{v}^{r} —rhyolite; E_{v}^{a}—andesite; E_{v}^{b} —basalt; E_{v}^{p} —pyroclastic rocks



REGIONAL WILDCAT MAP

SHOWING WELLS NOT ON DIVISION FIELD MAPS

State of California - Department of Conservation

Division of Oil, Gas, and Geothermal Resources

NOTE: Wells with directional surveys on file with the division are indicated with a short line under the well symbol.
Current well status should be confirmed at the appropriate division office.

ORSWELL & KASMAN, INC.

ENVIRONMENTAL RECORDS RESEARCH REPORT

Property Information:

Multi-Tenant Commercial Property
135, 141 & 153 West Avenue 34
& 3401 & 3433 Pasadena Avenue
Los Angeles, CA 90031

OKI Report #:

P12260

Report Date:

September 28, 2012

Prepared For:

Citizens Business Bank
CDC Small Business Finance
The U.S. Small Business Administration

Prepared by:

Orswell & Kasman, Inc.
316 West Foothill Boulevard
Monrovia, CA 91016
(626) 932 - 1800 * FAX (626) 932 - 1807
www.orswell-kasman.com

The information provided herein is based upon research of public records listed on the "Reference to the Regulatory Agency Database" page of this report and not on a physical inspection of the property. By requesting this report, the client accepts the terms and conditions described on the "Response Notification Sheet" of this report. The client may want to obtain detailed subject property information from a qualified consultant or specialist to determine if any potential hazards exist on the property.

RESPONSE NOTIFICATION SHEET

This report is in conformance with the ASTM standard for a Phase I Environmental Site Assessment governernment records check

	No Sites Within Specified Radius	Property & Adjacent	¼ Mile Radius	½ Mile Radius	1 Mile Radius
National Priority List (NPL)	✓				
RCRA CORRACTS Facilities	✓				
CALSITES		✓			
CERCLIS			✓		
CERCLIS NFRAP				✓	
LUSTIS				✓	
Active / Inactive Landfills	✓				
Treatment, Storage & Disposal (TSD)	✓				
Institutional Controls / Engineering Controls	✓				
RWQCB Sites		✓			
Closed RWQCB Sites	✓				
Registered Underground Storage Tanks	✓				
Federal Hazardous Waste Generators		✓			
ERNS / NRC	✓				
Superfund Liens	✓				
Local Agency Records	✓				

Sites reported as "Case Closed" or "No Further Action" may not be listed in this report

OKI Report #: **P12260**
Completion Date: **9/28/12**

Property Information:

Multi-Tenant Commercial Property
135, 141 & 153 West Avenue 34
& 3401 & 3433 Pasadena Avenue
Los Angeles, CA 90031

Richard Veron

Richard D. Veron
ASTM Environmental Professional

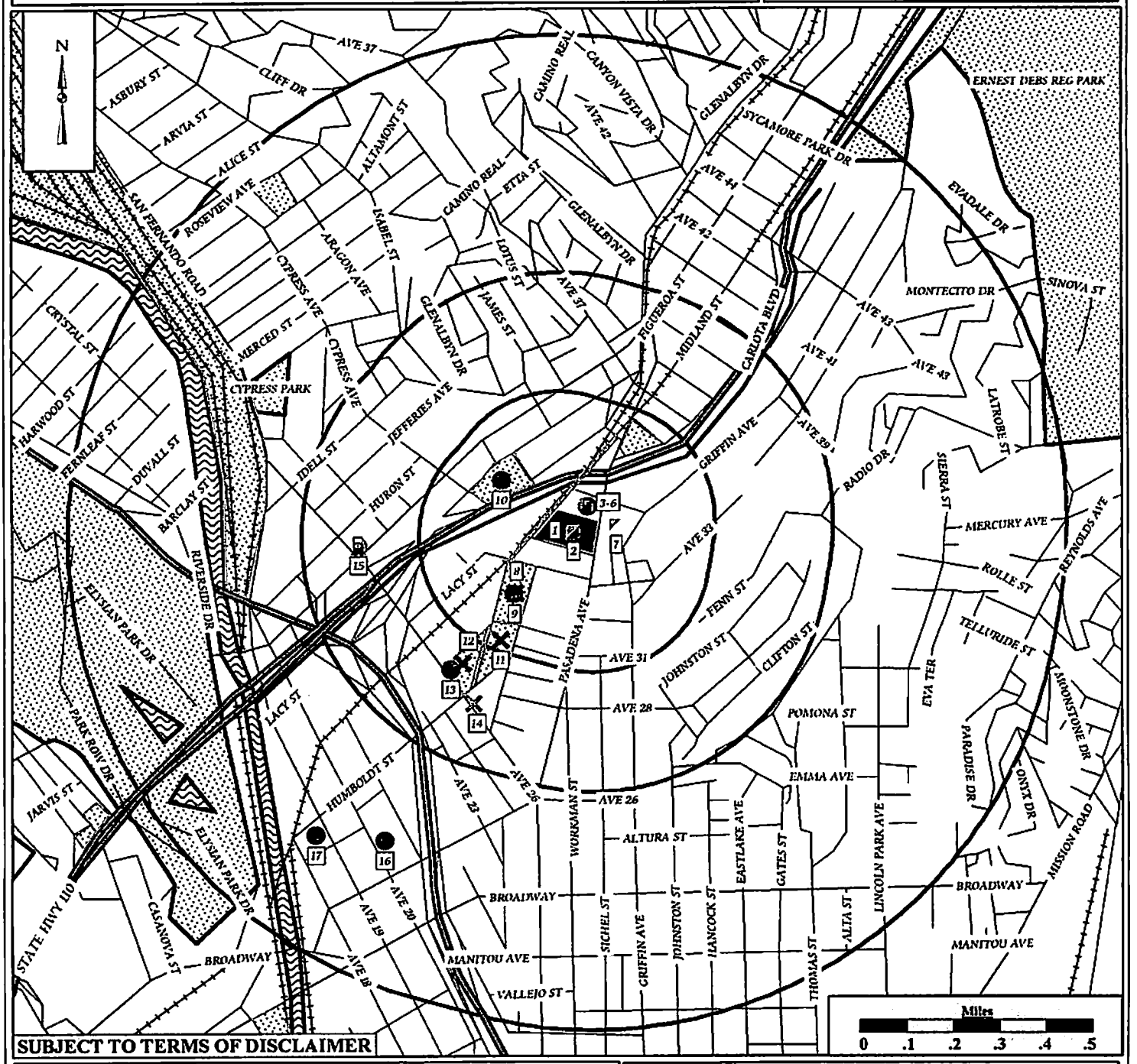
The information contained in this report is obtained from federal, state and other public sources. Orswell & Kasman, Inc. (OKI) does not make any guarantees, warranties or representations, whether expressed or implied, regarding the accuracy of such information, and shall not be held responsible in the event that any such inaccuracies are present. All liability for damages of any nature arising from any inaccuracy in the facts stated herein must be assumed by the client. OKI also advises the client that this report and information contained herein is intended solely for the use of the client or assignee with whom OKI has a contractual relationship. OKI makes no other warranty, express or implied, as to the conclusions and professional advice included in this report, and is not responsible for the independent conclusions, opinions or recommendations made by any other party or entity based whole or in part on the information provided in this records review.

Orswell & Kasman, Inc.
316 West Foothill Boulevard
Monrovia, CA 91016
(626) 932 - 1800 * Fax (626) 932 - 1807
www.orswell-kasman.com

Orswell & Kasman, Inc.

Environmental Assessments & Consulting

Subject Property Location:
135, 141 & 153 West Avenue 34 and
3401 & 3433 Pasadena Avenue
Los Angeles, CA 90031



SUBJECT TO TERMS OF DISCLAIMER

MAP LEGEND

- Areas of Contamination
- One Mile Radius
- Half Mile Radius
- Quarter Mile Radius
- Subject Property
- Military Installation
- Parks
- Water
- Railroads
- Roads
- Freeways

HAZARDOUS SITE SYMBOLS

- National Priority List
- RCRA Corrective Action
- CERCLIS
- CalSites
- Leaking Underground Storage Tanks
- Active / Inactive Landfills
- Treatment, Storage, & Disposal Facilities
- RWQCB Sites
- Closed RWQCB Sites
- Registered Underground Tanks
- Generators
- Emergency Response Notification System
- Superfund Liens
- CERCLIS - No Further Remedial Action Planned
- Oil Wells

For more information please contact us at (626) 932-1800 or www.orswell-kasman.com

Site Summary List

Please note that certain sites may appear on multiple databases
For more information on these sites, please see the accompanying pages

Subject Property Information:
Multi-Tenant Commercial Property
135, 141 & 153 West Avenue 34
& 3401 & 3433 Pasadena Avenue
Los Angeles, CA 90031

Site # 1	Case # CAD982351074	Source Database	
0.0065 miles from the subject property	Site **AMERICAN CASTER CORP** **141 W AVENUE 34** **LOS ANGELES, CA 90031**	**GEN**	[ ]
Site # 2	Case # CAR000206029	Source Database	
0.0074 miles from the subject property	Site **BAD TEACHER CONSTRUCTION WAREHOUSE** **3433 PASADENA AVE** **LOS ANGELES, CA 90031**	**GEN**	[ ]
Site # 3	Case # 60000636	Source Database	
0.0639 miles from the subject property	Site **Former Welch's Uniform Facility** **3505 Pasadena Avenue** **Los Angeles, CA 90031** 5205004010	**CALST**	[ ]
Site # 4	Case # CAD075309740	Source Database	
0.0659 miles from the subject property	Site **FORMER WELCHS UNIFORM SITE** **3505 PASADENA AVENUE** **LOS ANGELES, CA 90031**	**GEN**	[ ]
Site # 5	Case # SL2044P1598	Source Database	
0.0663 miles from the subject property	Site **WELCHS UNIFORM RENTAL SITE (FORMER)** **3505 PASADENA AVE** **LOS ANGELES, CA**	**RWQCB**	[ ]
Site # 6	Case # T0603700785	Source Database	
0.0705 miles from the subject property	Site **WELCH'S UNIFORM RENTAL(FORMER)** **3505 PASADENA AVE** **LOS ANGELES, CA 90031** 4363-001-902	**RWQCB** 632 B2	[X]
Site # 7	Case # CAD981624901	Source Database	
0.0996 miles from the subject property	Site **LA USD HILLSIDE EL** **120 E AVE 35** **LOS ANGELES, CA 90031**	**GEN**	[ ]
Site # 8	Case # CA0000113175	Source Database	
0.1745 miles from the subject property	Site **KENNINGTON LTD. (ITT CANNON)** **3209 HUMBOLDT ST.** **LOS ANGELES, CA 90031**	**CERCLIS**	[X]
Site # 9	Case # 19340739	Source Database	
0.1782 miles from the subject property	Site **KENNINGTON** **3209 HUMBOLDT STREET** **LOS ANGELES, CA 90031** LAND USE COVENANT	**CALST** 595 A6	[ ]
Site # 10	Case # 19820057	Source Database	
0.1823 miles from the subject property	Site **LORETO STREET ELEMENTARY SCHOOL ADDITION** **3408 Arroyo Seco Avenue** **Los Angeles, CA 90065** 5446-019-901 & 5446-024-900	**CALST** 595 A6	[MJ]
Site # 11	Case # CAD983657529	Source Database	
0.2734 miles from the subject property	Site **NI WEST INCORPORATED** **3011 HUMBOLDT STREET** **LOS ANGELES, CA 90031**	**CERCLIS**	[X]

Site Summary List

Please note that certain sites may appear on multiple databases
For more information on these sites, please see the accompanying pages

Subject Property Information:
Multi-Tenant Commercial Property
135, 141 & 153 West Avenue 34
& 3401 & 3433 Pasadena Avenue
Los Angeles, CA 90031

Site # 12	Case # CAD983578667	Source Database
0.3612 miles from the subject property	Site **JAYBEE AJAX MANUFACTURING** **301 WEST AVENUE 26** **LOS ANGELES, CA 90031**	**CERCLIS** 595 A7 [X]
Site # 13	Case # 19490238	Source Database
0.3884 miles from the subject property	Site **JAYBEE SITE AT LINCOLN HEIGHTS - LA DWP** **301 WEST AVENUE 26** **LOS ANGELES, CA 90031** 5205-009-900	**CALST** 594 J7 [ ]
Site # 14	Case # CAD980636195	Source Database
0.4168 miles from the subject property	Site **BARON MFG** **241 AVE 26** **LOS ANGELES, CA 90031**	**NFRAP** [ ]
Site # 15	Case # T0603701195	Source Database
0.4558 miles from the subject property	Site **CHEVRON #9-3707** **2601 N FIGUEROA ST** **LOS ANGELES, CA 90065** 5446-010-025 & 026	**LUSTIS** 594 J6 [MJ]
Site # 16	Case # 19360528	Source Database
0.7615 miles from the subject property	Site **VICTOR INDUSTRIAL BATTERY** **138 N SAN FERNANDO RD** **LOS ANGELES, CA 90031** 5447-017-004	**CALST** 594 J7 [JO]
Site # 17	Case # 80001108	Source Database
0.8385 miles from the subject property	Site **NATIONAL AIRCRAFT EQUIPMENT CO.** **Figueroa St in Elysian Park** **Los Angeles, CA 90012**	**CALST** 594 H7 [ ]

GENERATORS

Case Number: **CAD982351074**

Site: **AMERICAN CASTER CORP**
141 W AVENUE 34
LOS ANGELES CA 90031

Site # 1 *0.0065 miles from the Subject Property*

Generator Type SQG
Small Quantity Hazardous Waste Generator

Handler IS a Transporter

Case Number: **CAR000206029**

Site: **BAD TEACHER CONSTRUCTION WAREHOUSE**
3433 PASADENA AVE
LOS ANGELES CA 90031

Site # 2 *0.0074 miles from the Subject Property*

Generator Type SQG
Small Quantity Hazardous Waste Generator

Handler IS NOT a Transporter

Case Number: **CAD075309740**

Site: **FORMER WELCHS UNIFORM SITE**
3505 PASADENA AVENUE
LOS ANGELES CA 90031

Site # 4 *0.0659 miles from the Subject Property*

Generator Type LQG
Large Quantity Hazardous Waste Generator

Handler IS NOT a Transporter

Case Number: **CAD981624901**

Site: **LA USD HILLSIDE EL**
120 E AVE 35
LOS ANGELES CA 90031

Site # 7 *0.0996 miles from the Subject Property*

Generator Type SQG
Small Quantity Hazardous Waste Generator

Handler IS NOT a Transporter

CalSites

California Sites - Formerly Bond Expenditure Plan (BEP) & Abandoned Site Program Information System (ASPIS)

Case Number: **60000636**

Site: **Former Welch's Uniform Facility**
3505 Pasadena Avenue
Los Angeles, CA 90031

On NPL? NO 2.6 Acres

Lead Agency: SMBRP

Agencies Involved: SMBRP

Funding: Responsible Party

Past Uses: LAUNDRY SERVICES

Status: **Active** Date: **2007-05-25**

Site Type: Voluntary Cleanup-Voluntary Cleanup

Special Program: Voluntary Cleanup Program

Potential Media Affected: OTH, SOIL, SV

Confirmed COCs: 30027

Potential COCs: 30027

Is Use Restricted?: NO

Site Management: NONE SPECIFIED

Site # 3 0.0639 miles from the Subject Property

Case Number: **19340739**

Site: **KENNINGTON**
3209 HUMBOLDT STREET
LOS ANGELES, CA 90031 595 A6

On NPL? NO 3.75 Acres

Lead Agency: SMBRP

Agencies Involved: SMBRP

Funding: Responsible Party

Past Uses: BATTERY MANUFACTURING, MANUFACTURING - ELECTRONIC

Status: **Active** Date: **1996-04-18**

Site Type: Voluntary Cleanup-Voluntary Cleanup

Special Program: Voluntary Cleanup Program

Potential Media Affected: OTH, SOIL

Confirmed COCs: 30018,30022,30027,30013

Potential COCs: 30013, 30018, 30022, 30027

Is Use Restricted?: YES

Site Management: REM, DAY, ELD, HOS, LUC, FEN, MON, EX, GW, NUSE, NDEV

Site # 9 0.1782 miles from the Subject Property

Case Number: **19820057**

Site: **LORETO STREET ELEMENTARY SCHOOL ADDITION**
3408 Arroyo Seco Avenue
Los Angeles, CA 90065 595 A6 MJ

On NPL? NO 0 Acres

Lead Agency: SMBRP

Agencies Involved: SMBRP

Funding: School District

Past Uses: * EDUCATIONAL SERVICES

Status: **Inactive - Needs Evaluation** Date: **2006-09-20**

Site Type: School-School Investigation

Special Program:

Potential Media Affected: NMA

Confirmed COCs: NONE SPECIFIED

Potential COCs: NONE SPECIFIED,31000

Is Use Restricted?: NO

Site Management: NONE SPECIFIED

Site # 10 0.1823 miles from the Subject Property

Case Number: **19490238**

Site: **JAYBEE SITE AT LINCOLN HEIGHTS - LA DWP**
301 WEST AVENUE 26
LOS ANGELES, CA 90031 594 J7

On NPL? NO 3.4 Acres

Lead Agency: SMBRP

Agencies Involved: SMBRP

Funding: Responsible Party

Past Uses: MANUFACTURING - OTHER

Status: **Active** Date: **2004-04-07**

Site Type: Voluntary Cleanup-Voluntary Cleanup

Special Program: Voluntary Cleanup Program

Potential Media Affected: OTH, SOIL

Confirmed COCs: 30484,30550,30019,30022,30024,30025,30027,30193,30013, 30593

Potential COCs: 30013, 30019, 30022, 30024, 30025, 30027, 30193, 30484, 30550, 30593

Is Use Restricted?: NO

Site Management: NONE SPECIFIED

Site # 13 0.3884 miles from the Subject Property

CalSites

California Sites - Formerly Bond Expenditure Plan (BEP) & Abandoned Site Program Information System (ASPIS)

Case Number: **19360528**

Site: **VICTOR INDUSTRIAL BATTERY**
138 N SAN FERNANDO RD
LOS ANGELES, CA 90031 594 J7 JO

On NPL? NO 0.1 Acres

Lead Agency: NONE SPECIFIED

Agencies Involved: NONE SPECIFIED

Funding: Responsible Party

Past Uses: BATTERY RECLAMATION

Status: **Certified O&M - Land Use Restrictions O** Date: **1995-03-29**

Site Type: Voluntary Cleanup-Voluntary Cleanup

Special Program: Voluntary Cleanup Program

Potential Media Affected: SOIL, SV

Confirmed COCs: NONE SPECIFIED

Potential COCs: 10015, 10097, 10119, 10120, 10124, 10193, 10194, 20001, 20009, 20011, 20013, 20024, 30013

Is Use Restricted?: YES

Site Management: NONE SPECIFIED

Site # 16 0.7615 miles from the Subject Property

Case Number: **80001108**

Site: **NATIONAL AIRCRAFT EQUIPMENT CO.**
Figueroa St in Elysian Park
Los Angeles, CA 90012 594 H7

On NPL? NO

Lead Agency: NONE SPECIFIED

Agencies Involved: SMBRP

Funding: DERA

Past Uses: NONE SPECIFIED

Status: **Inactive - Needs Evaluation** Date: **2005-07-01**

Site Type: FUDS-Military Evaluation

Special Program:

Potential Media Affected: NONE SPECIFIED

Confirmed COCs: NONE SPECIFIED

Potential COCs: NONE SPECIFIED

Is Use Restricted?: NO

Site Management: NONE SPECIFIED

Site # 17 0.8385 miles from the Subject Property

DRAFT

SITE CONCEPTUAL MODEL AND WORK PLAN

FORMER WELCH'S UNIFORM SITE
3505 Pasadena Avenue
Los Angeles, CA 90031
November 2005

Prepared For:
AmeriPride Services Inc.
10801 Wayzata Boulevard
Minnetonka, MN 55305

Prepared By:

ENSR Corporation
2850 South Red Hill Avenue, Suite 110
Santa Ana, California 92705

ENSR No: 10770-003-200

FORMER WELCH'S UNIFORM SITE
3505 Pasadena Avenue
Los Angeles, CA 90031
November 2005

Prepared For:

AmeriPride Services Inc.
10801 Wayzata Boulevard
Minnetonka, Minnesota 55305

Prepared By:

ENSR International
2850 South Red Hill Avenue, Suite 110
Santa Ana, California 92705

ENSR No: 10770-003-200

The following personnel have prepared and/or reviewed this report for accuracy, content, and quality of presentation.

Jeffrey Otter
Senior Project Manager
Senior Reviewer

DRAFT

William S. Glenn Jr., PG
Project Manager
Primary Report Author

November 2, 2005

CONTENTS

EXECUTIVE SUMMARY 1

1.0 INTRODUCTION 1-1

1.1 Purpose 1-1

2.0 SITE DESCRIPTION 2-1

2.1 Location and Legal Description of the Site 2-1

2.2 Site and Vicinity Characteristics 2-1

2.3 Description of Structures, Roads, and Other Improvements on Site 2-1

2.4 Current Site Use 2-1

2.5 Site Geology, Hydrology, and Topography 2-2
2.5.1 Geology 2-2
2.5.2 Hydrology 2-2
2.5.3 Topography 2-3

3.0 SITE HISTORY 3-1

3.1 Site Assessment Activities 3-1

3.2 Past Uses of Adjoining Properties 3-4

3.3 Offsite Receptor Survey 3-8
3.3.1 Production Well Information 3-8
3.3.2 Schools, Daycare Centers, Hospitals, and Retirement Centers 3-9

4.0 RECORDS REVIEW 4-1

4.1 Federal and State Database Review 4-1

4.2 Underground and/or Aboveground Storage Tanks (AST) 4-3
4.2.1 Current USTs 4-3
4.2.2 Former USTs 4-3
4.2.3 Current ASTs 4-4
4.2.4 Former ASTs 4-4

5.0 SUMMARY AND RECOMMENDATIONS 5-1

5.1 Summary 5-1

5.2 Recommendations 5-2
5.2.1 Prefield Activities 5-2
5.2.2 Additional Soil Assessment 5-3
5.2.3 Groundwater Monitoring Well Installation 5-3
5.2.4 Waste Handling 5-4
5.2.5 Updated Site Conceptual Model 5-4

6.0 REFERENCES 6-1

Tables

Table 1: Summary of Groundwater Monitoring Results – Third Quarter 2005
Table 2: Summary of Groundwater Analytical Results – Third Quarter 2005
Table 3: Historical Results of Laboratory Analysis of Groundwater Samples
Table 4: Groundwater Monitoring Well Construction Detail

Figures

Figure 1: Site Location
Figure 2: Site Plan
Figure 3: Cross Section A-A'
Figure 4: Cross Section B-B'
Figure 5: Proposed Boring Locations
Figure 6: Proposed Well Locations

Graphs

Graphs 1-9: Groundwater Depth, TPHg, PCE, TCE, and MTBE concentrations versus Time

Appendices

Appendix A: Historic Soil and Soil Vapor Tables
Appendix B: Historic Figures
Appendix C Soil Boring Logs
Appendix D: Environmental Data Resources (EDR) Database Report and Offsite Receptor Report
Appendix E: EDR Historical Aerial Photographs
Appendix F: EDR Historical Topographic Maps
Appendix G: EDR Sanborn Maps, City Directory Report, Production Well Information
Appendix H: General Field Procedures
Appendix I: Health and Safety Plan

EXECUTIVE SUMMARY

AmeriPride Service Inc. (AmeriPride) retained ENSR International, Inc. (ENSR) to review prior environmental site assessments and conditions for the former Welch's Uniform Facility located at 3505 Pasadena Avenue, Los Angeles, California (site; see Figure 1) in order to submit a Site Conceptual Model (SCM) and work plan to the Los Angeles Regional Water Quality Control Board (LARWQCB).

The site is located in a relatively low-density, mixed residential and industrial area of Los Angeles, CA, approximately 3.5 miles northeast of downtown Los Angeles, California. According to City Directories provided by EDR, the site address was noted as being a Welch's Uniform Facility in 1924 (EDR, 2005d). Adjoining the western boundary of the site is a railroad spur. To the north is the Arroyo Seco, across which is the Pasadena Freeway. To the south are industrial buildings, and to the east are residential homes and Hillside Elementary school. The site is currently an undeveloped parcel of land. Buildings and surface structures were demolished and removed in 2003.

Areas of Concern:

- Lingering Presence of Subsurface VOC's in the Vicinity of the Former UST Locations (North of the North Building): Based on the confirmation borings collected in August 2000 in the area previously remediated using soil vapor extraction (SVE), concentrations of PCE and TCE were reported at a maximum concentration of 79 mg/kg (CB-1-35), and 66 mg/kg (CB-2-35), respectively (CAPE, 2000). Based on these concentrations, the LARWQCB denied the request for no further action, and requested additional site assessment activities in the vicinity of the former PCE USTs in correspondence dated January 10, 2001.

- Further Definition of VOC's in the Southwest Corner of the Site: Based on a soil vapor survey conducted in 2001, elevated concentrations of PCE (260 ug/L; SV-10-10) were detected in the southwest corner of the site and in areas of the former solvent USTs. Two additional soil vapor points, SV-43 and SV-44 were installed to the north and east of SV-10. Minor concentrations of PCE were only detected in the northern soil vapor location (SV-44), however, no assessment was conducted to the south of SV-10 (adjacent property).

- Delineation of Offsite Dissolved-Phase VOC's Southwest of the Site: Concentrations of PCE and TCE were detected in the furthest downgradient monitoring wells, MW-14 and MW-15, at 10 times the MCL for drinking water. The downgradient protion of the dissolved-phase VOC plume is undefined.

- The Site is in Close Proximity to the Pollock Wellfield: The Pollock Wellfield is located approximately 3,835 feet west of the site (cross gradient). The Pollock Wellfield is defined as approximately 5,860 acres of land which groundwater produced from public wells was identified as being impacted by PCE, TCE, and 1,1-DCE. To alleviate this contamination, wells were taken out of service, and produced groundwater from the Pollock Wellfield was blended with clean sources to ensure that the public receives water with concentrations below the State's guideline. The Pollock Wellfield is on the State's AWP.

- Potential presence of USTs that were Abandoned in Place: According to the permits reviewed, 5 USTs were abandoned in place by filling with a slurry. However, permits were vague as to the location, size and former contents of the USTs filled in place. In addition, Thorne Environmental has a figure listing all former USTs as being removed (Appendix B). With the geophysical survey conducted by CAPE in 2002, and the subsequent removal of a 1,000-gallon UST in 2004, the possibility of other existing USTs that may have been abandoned in-place in the vicinity of the former north building is less likely.

Recommendations:

Based on the results of the SCM, ENSR recommends the following scope of work:

- Prefield Activities: ENSR will apply for encroachment permits, and well installation permits with the Los Angeles DHS, and the City of Los Angeles. In addition, a subsurface utility survey may be conducted in the vicinity of the former location of the solvent USTs north of the former North Building.

- Additional Soil Assessment: ENSR recommends a Phase II soil assessment in the vicinity of the former UST area north of the North Building (in the vicinity of CB-1 and CB-2), and the southwest corner (vicinity of SV-10) of the site in a two-phase approach. Soil borings SB-31 through SB-38 will be advanced to a depth of approximately 35 feet bgs or first encountered groundwater using a hollow-stem auger drilling rig during the first phase of the soil assessment in the aforementioned areas of concern (Figure 5). Upon receipt of analytical results from the soil samples collected during the initial phase, an additional round of soil sampling may occur to further define adsorbed-phase concentrations detected. Up to eight additional soil borings (designated as SB-39 through SB-46) will be advanced to further define VOCs detected during the initial phase.

- Groundwater Monitoring Well Installation: ENSR proposes to install one additional onsite and four additional offsite groundwater monitoring wells (MW-16 through MW-20) to further define PCE/VOCs in the dissolved-phase groundwater plume. The onsite well, MW-16, will replace well MW-11 which was supposedly destroyed during site demolition activities. Offsite well MW-17 will be located to the west of the property to further define the cross gradient portion of the dissolved-phase plume. Wells MW-18 through MW-20 will be placed southwest of monitoring wells MW-14 and MW-15 to define the downgradient portion of the dissolved-phase plume (Figure 6).

1.0 INTRODUCTION

AmeriPride Service Inc. (AmeriPride) retained ENSR International, Inc. (ENSR) to review prior environmental site assessments and conditions for the former Welch's Uniform Facility located at 3505 Pasadena Avenue, Los Angeles, California (site; see Figure 1) in order to submit a Site Conceptual Model (SCM) and work plan to the Los Angeles Regional Water Quality Control Board (LARWQCB).

1.1 Purpose

The purpose of the SCM is to provide a summary of previous site assessments, remedial activities, and identify nearby potential receptors. In addition, a work plan for additional soil and groundwater assessment is provided to address data gaps that exist in the soil and groundwater samples collected to date.

2.0 SITE DESCRIPTION

2.1 Location and Legal Description of the Site

Site Location:	3505 Pasadena Avenue Los Angeles, CA 90031
Site Owner:	AmeriPride Services Inc. 10801 Wayzata Boulevard Minnetonka, Minnesota 55305
County:	Los Angeles County
Assessors Parcel Number:	5205-004-010
U.S.G.S. Quadrangle:	34118-A2 Los Angeles, CA
Latitude, Longitude:	34° 5' 8.9", 118° 12' 47.2"
UTM Co-ordinates:	388079.9, 3772138.8
Global ID Number:	SL2044P1598

The location of the site is shown on Figure 1.

2.2 Site and Vicinity Characteristics

The site is located in a relatively low-density, mixed residential and industrial area of Los Angeles, CA, approximately 3.5 miles northeast of downtown Los Angeles, California. According to City Directories provided by EDR, the site address was noted as being a Welch's Uniform Facility in 1924 (EDR, 2005d). Adjoining the western boundary of the site is a railroad spur. To the north is the Arroyo Seco, across which is the Pasadena Freeway. To the south are industrial buildings, and to the east are residential homes and Hillside Elementary school.

2.3 Description of Structures, Roads, and Other Improvements on Site

The site does not currently have any structures or improvements on site. See Figure 2 for former site structures, locations of groundwater monitoring wells, former boring locations, and soil vapor extraction wells.

2.4 Current Site Use

The site is currently an undeveloped parcel of land. Buildings and surface structures were demolished and removed in 2003.

2.5 Site Geology, Hydrology, and Topography

2.5.1 Geology

The site is located in the northernmost portion of the Downey Plain in the Los Angeles Basin near the confluence of the Los Angeles River and Arroyo Seco. The site vicinity is underlain by Recent age alluvial and stream channel deposits consisting of coarse grained sand, gravel, and cobbles. These sediments are approximately 50 to 100 feet thick beneath the site (California Department of Water Resources [CDWR], 1961).

Based on previous site assessments, interbedded poorly graded gravels and sands were observed to depths of approximately 75 feet below ground surface (bgs). Prior soil borings have met drilling refusal (hollow stem auger) at approximately 30 feet bgs, possibly due to the presence of cobbles. Cross sections A-A' and B-B' are included as Figures 3 and 4, respectively.

2.5.2 Hydrology

The site is included in the northern portion of the Central Basin Hydrogeologic Area as defined by CDWR (1961). Regional groundwater information and previous subsurface investigations (Kleinfelder Associates [Kleinfelder], 1987) indicate that the first water bearing zone beneath the site vicinity is the Gaspur aquifer at about 35 to 50 feet bgs. The thickness of the Gaspur aquifer is about 50 feet and is generally unconfined. Transmissivities in this aquifer in this area are on the order of 250,000-gallons per day per foot (CDWR, 1961). The Gaspur aquifer is underlain by non-water bearing sedimentary rocks. The regional groundwater gradient in the Gaspur aquifer, as reported by the Los Angeles County Flood Control District (LACFCD, 1986), is south-southeast. However, Kleinfelder reported a west-northwest gradient beneath the site. Groundwater in the Gaspur aquifer in the vicinity of the site is not used as a water supply source (Los Angeles Department of Water and Power [LADWP], 1988).

Based on results of the available groundwater monitoring and sampling report for the Third Quarter 2005 by Cape Environmental Management, Inc. (CAPE), static groundwater was measured at depths ranging from 32.08 to 40.05 feet bgs (approximately 317.16 to 333.41 feet above MSL, [CAPE, 2005]) in on and offsite wells on August 24, 2005. The groundwater flows to the southwest (CAPE, 2005). Groundwater gauging and analytical data through the Third Quarter 2005 are summarized in Tables 1 through 3. Well construction details are summarized in Table 4. Graphs of total petroleum hydrocarbons as gasoline (TPHg), tetrachlorethene (PCE), trichloroethene (TCE), methyl tertiary butyl ether (MTBE), and groundwater elevation versus time for select wells are included as Graphs 1 through 9.

2.5.3 Topography

Topographic map coverage of the site is provided by the USGS Los Angeles Quadrangle Map. Based upon the USGS topographic map, the site elevation is approximately 366 feet above mean sea level. The subject property is relatively flat with a very slight sloping gradient to the southwest (EDR, 2005c).

3.0 SITE HISTORY

3.1 Site Assessment Activities

In 1987, J.H. Kleinfelder & Associates (Kleinfelder) conducted a limited site characterization at the site (Kleinfelder, 1987). Four soil borings, B-1 through B-4, and three groundwater monitoring wells, MW-1 through MW-3 (now known as K-1 through K-3), near two former underground storage tanks (UST). The USTs were removed prior to the site assessment activities and reportedly contained diesel (2,000-gallons) and gasoline (10,000-gallons). Wells K-1 and K-2 were installed in the vicinity of the former diesel UST. TPHg and total petroleum hydrocarbons as diesel (TPHd) were reported in all the soil samples collected. Maximum hydrocarbon concentration of 8,800 milligrams per kilogram (mg/kg) was detected in boring B1 at 20 feet bgs. The only other analyte detected was xylenes at a maximum concentration of 39 mg/kg in boring B1 at 20 feet bgs (Kleinfelder, 1987).

In 1988, Thorne Environmental, Inc. (Thorne) supervised the removal and conducted the closure investigation of 10 USTs and three sumps at the site. The former USTs had previously contained products such as gasoline, diesel fuel, and PCE. Five of the ten USTs, ranging in size from 750 to 1,500-gallons and located on the north side of the former North Building, were identified as containing a slurry mixture of PCE, TCE, and other associated hydrocarbons. Analytical results of soil samples collected from beneath the former USTs and sumps indicated that gasoline, diesel fuel, and benzene, toluene, ethylbenzene, and total xylenes (collectively BTEX), and organic solvents were present in the soil beneath a majority of the USTs and sumps. The following maximum concentrations were detected: 3,800 mg/kg TPHd (SB-7-29); 5,900 mg/kg TPHg (SB-1-35); 52 mg/kg TCE (SB-26-30), and 33,000 mg/kg PCE (SB-19-29)(Thorne, 1989).

From 1988 to 1989, Thorne advanced 28 soil borings and installed 16 vapor extraction wells (VEWs) and 12 groundwater monitoring wells (MW-1 through MW-8, MW-9A, MW-9B, MW-10A, and MW-10B). Analytical results of the groundwater samples collected from the 12 monitoring wells indicated that gasoline, diesel fuel, BTEX, and halogenated organic compounds were present. Free product was observed in wells K-1, K-2, MW-1, and MW-3 through MW-7 during previous investigations at apparent thicknesses of 0.1 to 9.5 inches. Thorne subsequently bailed 160 gallons of free product from the wells before initiating a vapor extraction remediation program in June 1990 (Thorne, 1989 and 1990).

In June 1990, Thorne installed and began operation of a soil vapor extraction (SVE) system at the site. The VES consisted of three separate extraction units connected to VEWs in three areas of impacted soil. The extracted vapor was treated with activated carbon before being released to the atmosphere. VES Unit 1 was connected to VEWs SB-1 through SB-5 in the vicinity of the two former fuel USTs.

VES Unit 2 was connected to wells MW-1 and MW-4, and VEWs SB-6 and SB-7 in the area between the former North and South buildings. VES Unit 3 was connected to VEWs SB-10, SB-11, SB-12, SB-14, SB-15, SB-16, SB-18, and SB-19 in the area of the former PCE USTs, north of the North Building. By September 1991, the total hydrocarbon concentrations entering the VES treatment units decreased from 9,400 parts per million (ppm) to 230 ppm. Based on VES monitoring data, CAPE estimated the removal of approximately 11,940 pounds of volatile organic compounds (VOCs) were removed during the period June 1990 to August 1991.

In June and August, 1991, CET drilled three soil borings (SB-28 through SB-30), and converted SB-29 into a vadose zone monitoring well. Boring SB-28 was drilled near the two former fuel USTs (2,000 and 10,000-gallon) and had a maximum concentration of TPHd of 400 mg/kg in the 20 and 25 foot bgs soil samples; boring SB-29 was drilled near a former clarifier between the North and South buildings (maximum TPHd of 11 mg/kg in the 30 foot bgs soil sample), and boring SB-30 was drilled in the vicinity of the former USTs containing PCE, and near former borings SB-15 and SB-16. A maximum PCE concentration of 0.23 mg/kg was detected in the 5 foot bgs soil sample. In summary, minor concentrations of TPHd were detected in boring SB-28 adjacent to the former 2,000-gallon diesel UST, minor concentrations of TPHd and TPHmo were detected in boring SB-29, and minor concentrations of PCE were detected in boring SB-30 (CET, 1998).

In 1993, the site structures and buildings were removed. No site assessment or remediation activities were performed from September 1991 to July 1998. In July 1998, CAPE, as CET Environmental Services, Inc. (CET), redeveloped 11 of the groundwater monitoring wells, repaired several of the monitoring well box lids, and performed Third Quarter 1998 groundwater monitoring and sampling for AmeriPride (CET, 1998).

During August 2000, CAPE drilled and sampled six soil borings (CB-1 through CB-6) at the site to collect confirmatory soil samples from areas previously remediated using SVE. In September 2000, CAPE installed five additional monitoring wells (MW-8A, MW-11, MW-12, MW-13A, and MW-13B) to assess the lateral and upgradient extent of the dissolved-phase hydrocarbon plume. The results of the confirmatory soil sampling and the additional well installation activities indicated that VOCs were still present in the capillary fringe and in the dissolved-phase (CAPE, 2000).

In November 2001, CAPE conducted a soil gas survey consisting of 44 vapor sampling points (SV-1 through SV-44) in the vicinity of the former USTs, pump islands, buildings, sumps, and a vehicle maintenance shop. Most of the vapor sampling points with detectable levels of VOCs were located in the north-central area of the site (SV-25, SV-26, SV-27, SV-29 through SV-37, and SV-39). This was the area where known solvent releases occurred and SVE was performed in the past. Elevated concentrations of PCE (260 micrograms per liter [ug/L]) and TCE (10.3 ug/L) were also detected in the extreme southwest corner of the property in sampling point SV-10-10'. Two additional points,

SV-43-7.5', and SV-44-10', were installed approximately 35 feet east and 30 feet north of SV-10 to further assess the lateral extent of PCE and TCE. PCE was detected at a concentration of 8.8 ug/L in the northern probe, and nothing was detected in the eastern probe; indicating that the extent of the impacted soil vapor is limited. No known storage or past release of VOCs in the southwest corner of the property has been identified (CAPE, 2001).

In September 2002, CAPE installed two additional groundwater monitoring wells (MW-14 and MW-15) along Avenue 33 near Lacy Street, to further assess the downgradient portion of the dissolved-phase plume. VOCs were not detected in the soil samples collected during well installation. Analytical results of the groundwater samples collected from both of these downgradient wells indicated that the dissolved-phase plume extends to these wells (CAPE, 2002).

In July 2004, CAPE oversaw the removal of a single, 1,000-gallon steel UST. Former contents of the UST were not known. The UST was discovered by geophysical means during site investigation activities in July 2002. A single soil sample (UST-EX Bottom) was collected from beneath the UST, and laboratory analysis indicated that TPHg, VOCs (including BTEX), ethanol, and methanol were not detected (CAPE, 2004).

Historic soil data is included as Appendix A. Historic figures showing sampling locations, former UST locations, and cross-sections are included as Figure B. Soil boring logs are included as Appendix C, and well construction details are included as Table 4.

3.2 Past Uses of Adjoining Properties

The following sources were utilized in research for the historic land uses of the site abutters: aerial photographs, topographic maps, and Sanborn Fire Insurance Maps. Historic aerial photographs are included as Appendix E, historic topographic maps are included as Appendix F, and Sanborn Maps, and a City Directory Report are included as Appendix G.

Table 1 summarizes the information pertaining to the historic land use of the surrounding properties.

Table 1
Chronological Historic Use of Abutting Properties

Location	Date	Source	Description	Level of Concern
North abutters	1906	Sanborn map	Arroyo, bridge and railway mainline	No Concern
	1913, 1915	Topographic map	Flood channel and railway mainline	No Concern
	1920	Sanborn map	Arroyo	No Concern
	1928	Topographic map and Aerial Photo	Flood channel	No Concern
	1938	Aerial Photo	Flood channel and residential	No Concern
	1947	Aerial Photo	Pasadena Freeway and railway mainline	No Concern
	1951	Sanborn map	LA County flood control channel	No Concern
	1953	Topographic map	Pasadena Freeway and railway mainline	No Concern
	1956, 1965	Aerial Photo	Pasadena Freeway and railway mainline	No Concern
	1966	Topographic map	Pasadena Freeway and railway mainline	No Concern
	1970	Sanborn map	LA County flood control channel	No Concern
	1966, revised 1972	Topographic map	Pasadena Freeway and railway mainline	No Concern

Table 1
Chronological Historic Use of Abutting Properties

Location	Date	Source	Description	Level of Concern
North abutters	1976	Aerial Photo	Pasadena Freeway and railway mainline	No Concern
	1966, revised 1981	Topographic map	Pasadena Freeway and railway mainline	No Concern
	1989, 1994	Aerial Photo	Pasadena Freeway and railway mainline	No Concern
	1966, revised 1994	Topographic map	Pasadena Avenue and Hillside School	No Concern
	2002	Aerial Photo	Pasadena Freeway and railway mainline	No Concern
East abutters	1906	Sanborn map	Pasadena Avenue	No Concern
	1913, 1915	Topographic map	Small structures probably houses	No Concern
	1920	Sanborn map	Residential houses	No Concern
	1928	Topographic map and Aerial Photo	Small structures probably houses	No Concern
	1938, 1947	Aerial Photo	Small residential structures	No Concern
	1951	Sanborn map	Hillside School, store and residential houses	No Concern
	1953	Topographic map	Pasadena Avenue and Hillside School	No Concern
	1956, 1965	Aerial Photo	Small residential structures	No Concern
	1966	Topographic map	Pasadena Avenue and Hillside School	No Concern
	1970	Sanborn map	Hillside School, store and residential houses	No Concern
	1966, revised 1972	Topographic map	Pasadena Avenue and Hillside School	No Concern
	1976	Aerial Photo	Small residential structures	No Concern

Table 1
Chronological Historic Use of Abutting Properties

Location	Date	Source	Description	Level of Concern
East abutters	1966, revised 1981	Topographic map	Pasadena Avenue and Hillside School	No Concern
	1989, 1994	Aerial Photo	Small residential structures	No Concern
	1966, revised 1994	Topographic map	Pasadena Avenue and Hillside School	No Concern
	2002	Aerial Photo	Small residential structures	No Concern
South abutters	1906	Sanborn map	Residential homes	No Concern
	1913, 1915	Topographic map	Small residential structures	No Concern
	1920	Sanborn map	Residential homes	No Concern
	1928	Topographic map and Aerial Photo	Small structures and one large structure, probably a warehouse	No Concern
	1938, 1947	Aerial Photo	One large building, probably a warehouse, and residential homes	No Concern
	1951	Sanborn map	Parking lot, stores and bakery	No Concern
	1953	Topographic map	Nothing is depicted	No Concern
	1956, 1965	Aerial Photo	Parking lot, warehouse, industrial park	Low Concern
	1966	Topographic map	Nothing is depicted	No Concern
	1970	Sanborn map	Parking, Metal Stamping Shop and Stores	Low Concern
	1966, revised 1972	Topographic map	Nothing is depicted	No Concern
	1976	Aerial Photo	One large building, probably a warehouse, and residential homes	No Concern
	1966, revised 1981	Topographic map	Nothing is depicted	No Concern
	1989, 1994	Aerial Photo	One large building, probably a warehouse, and residential homes	No Concern

Table 1
Chronological Historic Use of Abutting Properties

Location	Date	Source	Description	Level of Concern
South abutters	1966, revised 1994	Topographic map	Nothing is depicted	No Concern
	2002	Aerial Photo	One large building, probably a warehouse, and residential homes	No Concern
West abutters	1906	Sanborn map	Small dwellings, probably residential	No Concern
	1913, 1915	Topographic map	Railway main line	No Concern
	1920	Sanborn map	Arroyo	No Concern
	1928	Topographic map and Aerial Photo	Railway main line	No Concern
	1938	Aerial Photo	Arroyo and Railway main line	No Concern
	1947	Aerial Photo	Flood Channel, Railway main line, Pasadena Freeway	No Concern
	1951	Sanborn map	Arroyo	No Concern
	1953	Topographic map	Railway main line	No Concern
	1956, 1965	Aerial Photo	Flood Channel, Railway main line, Pasadena Freeway	No Concern
	1966	Topographic map	Railway main line	No Concern
	1970	Sanborn map	Arroyo	No Concern
	1966, revised 1972	Topographic map	Railway main line	No Concern
	1976	Aerial Photo	Flood Channel, Railway main line, Pasadena Freeway	No Concern
	1966, revised 1981	Topographic map	Railway main line	No Concern
	1989, 1994	Aerial Photo	Flood Channel, Railway main line, Pasadena Freeway	No Concern

Table 1 Chronological Historic Use of Abutting Properties				
Location	Date	Source	Description	Level of Concern
West abutters	1966, revised 1994	Topographic map	Railway main line	No Concern
	2002	Aerial Photo	Flood Channel, Railway main line, Pasadena Freeway	No Concern

The former use of properties such as metal stamping shop are considered low concerns due to the potential of hazardous materials used at these sites.

3.3 Offsite Receptor Survey

3.3.1 Production Well Information

The Los Angeles County Department of Public Works (LACDPW) was previously contacted for production well information. Two wells (2781 and 2771I) were identified within a 1-mile radius of the site.

- Well 2781 was a test hole drilled to a total depth of 84 feet with an open end. Hole was drilled in 1938. Location is approximately 0.75 mile northwest (upgradient) from the site.
- Well 2771I was completed to a depth of 76 feet. Well was drilled in 1931. Location is approximately 0.85 mile west (cross-gradient) from the site.

Based on the distance, location, and usage of these wells, the potential environmental impact on these wells from the site is minimal. Information provided by the LACDPW is included in Appendix G. Well locations are shown on Figure 1.

3.3.2 Schools, Daycare Centers, Hospitals, and Retirement Centers

A database search performed by EDR in a 1-mile search radius around the site resulted in the following:

- Eight Day Care centers: the closest of which is Avenue 28 Head Start, located approximately 0.5-mile south (down to cross-gradient) of the site.
- One nursing home: Sycamore Park Convalescent Hospital is located approximately 1-mile north-northeast (upgradient) of the site.
- Seventeen schools: the closest of which is Hillside Elementary School located approximately 246 feet southeast (down to cross-gradient) of the site. The next closest school is Loreto Street Elementary located approximately 1,217 feet west-northwest (upgradient) of the site.

Based on the proximity and location of the Hillside Elementary School, proposed remedial methods should address this potential receptor. The EDR Offsite Receptor Report is included in Appendix D.

4.0 RECORDS REVIEW

EDR performed an environmental database review of the subject property and the surrounding area. EDR conducted a search of federal and state environmental databases. A copy of the EDR report is included as Appendix D.

4.1 Federal and State Database Review

USEPA: National Priority List (NPL)

The site is not listed on the USEPA NPL as a disposal site. However, one USEPA NPL site located within one mile of the site. The NPL site is Pollock Wellfield, located approximately 3,835 feet west. The Pollock Wellfield is defined as approximately 5,860 acres of land which groundwater produced from public wells was identified as being impacted by PCE, TCE, and 1,1-dichloroethene (DCE). To alleviate this contamination, wells were taken out of service, and produced groundwater from the Pollock Wellfield was blended with clean sources to ensure that the public receives water with concentrations below the State's guideline. The Pollock Wellfield is on the State's Annual Work Plan (AWP).

USEPA: Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS)

The site is not listed on the USEPA CERCLIS list. However, two sites within the prescribed search radius are listed on the CERCLIS database. These sites were Kennington Ltd., located 1,396 feet southwest and Ni West Incorporated located 1,919 south-southwest.

USEPA: Resource Conservation and Recovery Information System (RCRIS): Treatment, Storage, and Disposal (TSD) Facility

The site is not listed as a RCRIS TSD facility, and no TSD facilities were identified within 0.25 mile of the site. Five sites were identified as RCRA-SQG, however no violations were reported for any of the adjacent sites. Based on the distance, direction, and absence of reported violations, the operations at five adjacent sites are unlikely to impact the site.

USEPA: Resource Conservation and Recovery Information System (RCRIS)

The subject site is listed as a RCRIS- small quantity generator (SQG), and no violations were found.

USEPA: Emergency Response Notification System (ERNS)

The site is not listed on the ERNS database.

STATE: List of Sites Producing Hazardous Waste Manifests (HAZNET)

The subject site is listed on the HAZNET database as American Linen Supply Company (3505 Pasadena Avenue) for the generation of aqueous solutions containing oxygenated solvents (acetone, butanone, ethyl acetate, etc.).

STATE: List of Known or Potential Sites with Hazardous Substances (Cal-Sites)

The subject site is not listed on the Cal-Sites database. However, there is one site within the prescribed search radius (one mile). This site is identified as the Pollock Wellfield located 3835 feet west of the site.

STATE: Solid Waste Landfill (SWL)

The subject site is not listed as a SWL facility. One SWL, Lacy Street Dump located at 400 26th Avenue, was identified within 0.5 mile of the site.

STATE: Registered Underground Storage Tanks

The site is listed on the UST, Historical UST and CA Facility Inventory Database (CA FID) UST database. The site is listed as having 10 USTs: One 2,000-gallon diesel, one 10,000-gallon gasoline, one 6,000-gallon diesel, one 1,000-gallon diesel, one 1,700-gallon waste oil, one 3,200-gallon waste oil, one 3,590-gallon unreported content, one 1,800-gallon unreported content, one 800-gallon waste oil, and one 7,200-gallon unreported content. One other site had reported USTs within the search distance of 0.25 mile:

- 945 Larkin Street, approximately 349 feet north-northeast (upgradient), one UST with unreported size and content, closed January 2000.

The CA FID UST and Historical UST databases identify three other sites in the vicinity with USTs:

- Food For Life, 3580 Pasadena Avenue, approximately 797 feet north-northeast (upgradient), three 9,000-gallon gasoline USTs removed. Leak to soil being confirmed.
- Mike's Transmission, 3500 North Figueroa Street, approximately 1,241 feet north-northwest (up or cross gradient), three 500-gallon gasoline USTs.
- Ileasco, 3577 North Figueroa Street, approximately 1,304 feet north-northwest (up or cross gradient), three USTs (one 4,000-gallon diesel, one 8,000-gallon gasoline, and one 7,500-gallon gasoline).

STATE: Leaking Underground Storage Tanks

The subject site is listed as a LUST site due to the initial discovery of contaminated soil during diesel and gasoline UST removal activities. Impacted soil was excavated and removed, groundwater monitoring was initiated, and soil vapor extraction was operated from June 1990 to August 1991.

In addition, four LUST sites were identified within a 0.5 mile search radius:

- Food For Life/Flavor Foods Inc., 3580 Pasadena Avenue, approximately 797 feet north-northeast (upgradient), three 9,000-gallon gasoline USTs removed. Hydrocarbon release reported 10/28/1986; leak to soil being confirmed.
- Bill's Automotive #1, 100 East Avenue 28, approximately 2,429 feet south-southwest (downgradient); leak to groundwater discovered 7/31/91, case closed 6/20/98.
- Unger Fabrik, 3225 Lacy Street, approximately 1,660 feet west-southwest (downgradient); soil only release discovered 7/13/95 during tank closure, case closed 11/1/95.
- Lincoln Heights Service Department of Public Works (DPW), 3101 Artesian Street, approximately 1,766 feet southwest (downgradient); hydrocarbon release discovered on 3/26/91, case closed on12/19/97.

Based on its distance from the subject property, status, and the inferred groundwater gradient (i.e., to the west-southwest), it is likelythat the Food for Life/Flavor Foods Inc. site has impacted the site.

Other Database Listings

In addition to the databases listed above, the subject property is also listed on the CORTESE database, which is a state database of hazardous substance sites selected for remedial action. Petroleum Hydrocarbons and VOCs were listed, but the remedial action was not reported. In ENSR's opinion, this listing refers to the LUST and the SVE that occurred. Subsequent remedial action included pumping the free-product out of the wells.

USEPA: The Facility Index System (FINDS)

The subject site is listed on the USEPA FINDS list due to its listing on other databases (i.e., RCRA-SQG, LUST, CORTESE, SLIC, CA FID UST, HIST UST, SWEEPS UST, HAZNET). The search of the FINDS database was limited to the subject property.

4.2 Underground and/or Aboveground Storage Tanks (AST)

4.2.1 Current UST

The site does not currently operate any USTs.

4.2.2 Former USTs

Prior to site assessment activities by Kleinfelder in 1987, two USTs were removed and reportedly contained diesel (2,000-gallons) and gasoline (10,000-gallons). In 1988, Thorne supervised the

removal and conducted the closure investigation of 10 USTs and three sumps at the site. The former USTs had previously contained products such as gasoline, diesel fuel, and PCE. Five of the ten USTs, ranging in size from 750 to 1,500-gallons and located on the north side of the former North Building, were identified as containing a slurry mixture of PCE, TCE, and other associated hydrocarbons.

A review of files, reports and permits at the Los Angeles Fire Department revealed a UST removal report dated August 2004. The report by CAPE indicated that a single, 1,000-gallon steel UST was removed on July 8, 2004. Former contents of the UST were not known. The UST was discovered by geophysical means during site investigation activities in July 2002. A single soil sample (UST-B(Bottom) was collected from beneath the UST, and laboratory analysis indicated that TPHg, VOCs (including BTB(), ethanol, and methanol were not detected (CAPE, 2004).

According to the permits reviewed, 5 USTs were abandoned in place by filling with a slurry. However, permits were vague as to the location, size and former contents of the USTs filled in place. In addition, Thorne Environmental has a figure listing all former USTs as being removed (Appendix B). With the geophysical survey conducted by CAPE in 2002, and the subsequent UST removal in 2004, the possibility of other existing USTs that may have been abandoned in-place in the vicinity north of the former north building is less likely.

4.2.3 Current ASTs

There are no currents ASTs onsite.

4.2.4 Former ASTs

Five former ASTs (two 1,000-gallon, two 250-gallon, and one 800-gallon) were located on the north side of the North Building in the vicinity of the former PCE and TCE USTs.

5.0 SUMMARY AND RECOMMENDATIONS

5.1 Summary

The subject of this SCM is the former Welch's Uniform Facility located at 3505 Pasadena Avenue, Los Angeles, California. This work was performed in accordance with our proposal to AmeriPride Services Inc. dated August 4, 2005. The purpose of this investigation was to evaluate the existing environmental assessments and to assess the need for additional assessment if warranted.

The following issues of potential concern were identified:

- Lingering Presence of Subsurface VOC's in the Vicinity of the Former UST Locations (North of the North Building): Based on the confirmation borings collected in August 2000 in the area previously remediated using SVE, concentrations of PCE and TCE were reported at a maximum concentration of 79 mg/kg (CB-1-35), and 66 mg/kg (CB-2-35), respectively (CAPE, 2000). Based on these concentrations, the LARWQCB denied the request for no further action, and requested additional site assessment activities in the vicinity of the former PCE USTs in correspondence dated January 10, 2001.

- Further Definition of VOC's in the Southwest Corner of the Site: Based on a soil vapor survey conducted in 2001, elevated concentrations of PCE (260 ug/L; SV-10-10) were detected in the southwest corner of the site and in areas of the former solvent USTs. Two additional soil vapor points, SV-43 and SV-44 were installed to the north and east of SV-10. Minor concentrations of PCE were only detected in the northern soil vapor location (SV-44), however, no assessment was conducted to the south of SV-10 (adjacent property).

- Delineation of Offsite Dissolved-Phase VOC's Southwest of the Site: Concentrations of PCE and TCE were detected in the furthest downgradient monitoring wells, MW-14 and MW-15, at 10 times the MCL for drinking water. The downgradient protion of the dissolved-phase VOC plume is undefined.

- The Site is in Close Proximity to the Pollock Wellfield: The Pollock Wellfield is located approximately 3,835 feet west of the site (cross gradient). The Pollock Wellfield is defined as approximately 5,860 acres of land which groundwater produced from public wells was identified as being impacted by PCE, TCE, and 1,1-DCE. To alleviate this contamination, wells were taken out of service, and produced groundwater from the Pollock Wellfield was blended with clean sources to ensure that the public receives water with concentrations below the State's guideline. The Pollock Wellfield is on the State's AWP.

- Potential presence of USTs that were Abandoned in Place: According to the permits reviewed, 5 USTs were abandoned in place by filling with a slurry. However, permits were vague as to the location, size and former contents of the USTs filled in place. In addition, Thorne Environmental has a figure listing all former USTs as being removed (Appendix B). With the geophysical survey conducted by CAPE in 2002, and the subsequent removal of a 1,000-gallon UST in 2004, the possibility of other existing USTs that may have been abandoned in-place in the vicinity of the former north building is less likely.

5.2 Recommendations

Based on the above, ENSR recommends the following scope of work:

5.2.1 Prefield Activities

ENSR will apply for encroachment permits, and well installation permits with the Los Angeles DHS, and the City of Los Angeles. In addition, Underground Service Alert will be notified a minimum of 2 working days prior to initiating drilling activities.

In order to avoid subsurface utilities, monitoring well locations located on and offsite will be hand-augured or air-knifed to a depth of at least 5 feet prior to drilling. In addition, a subsurface utility survey may be conducted in the vicinity of the former location of the solvent USTs north of the former North Building.

5.2.2 Additional Soil Assessment

Initial Sampling Phase

ENSR recommends a Phase II soil assessment in the vicinity of the former UST area north of the North Building (in the vicinity of CB-1 and CB-2), and the southwest corner (vicinity of SV-10) of the site in a two-phase approach. Soil borings SB-31 through SB-38 will be advanced to a depth of approximately 35 feet bgs or first encountered groundwater using a hollow-stem auger drilling rig during the first phase of the soil assessment in the aforementioned areas of concern (Figure 5).

Analytical Method

Soil samples will be collected at 5-foot depth intervals and submitted for VOC analysis by EPA Method 8260B, and using field preservation method (EPA Method 5035). One hydropunch groundwater sample will be collected from SB-38 in the southwest corner of the site. One soil sample collected from the former UST area and one sample from the southwest corner of the site will be analyzed for physical properties typically used in vapor transport modeling (Johnson-Ettinger Model).

Additional Characterization Step Out Phase

Upon receipt of analytical results from the soil samples collected during the initial phase, an additional round of soil sampling may occur to further define adsorbed-phase concentrations detected. Up to eight additional soil borings (designated as SB-39 through SB-46) will be advanced to further define VOCs detected during the initial phase.

General field procedures are included in Appendix H, and a site specific Health and Safety Plan is included as Appendix I.

5.2.3 Groundwater Monitoring Well Installation

ENSR proposes to install one additional onsite and four additional offsite groundwater monitoring wells (MW-16 through MW-20) to further define PCE/VOCs in the dissolved-phase groundwater plume. The onsite well, MW-16, will replace well MW-11 which was supposedly destroyed during site demolition activities. Offsite well MW-17 will be located to the west of the property to further define the cross gradient portion of the dissolved-phase plume. Wells MW-18 through MW-20 will be placed southwest of monitoring wells MW-14 and MW-15 to define the downgradient portion of the dissolved-phase plume (Figure 6).

Based on the historical release of VOCs from the Kennington property located at 3209 Humboldt Street, and the proximity of the site to the Pollock Wellfield, ENSR believes that these three additional

downgradient wells will adequately assess the dissolved-phase plume that may have originated from the Former Welch's Uniform Facility. Any wells placed further downgradient than these locations may be assessing commingled VOCs from multiple sources.

All wells will be advanced to a depth of approximately 65 feet bgs, and screened from 20 to 65 feet. Monitoring wells will be constructed of 4-inch diameter polyvinyl chloride (PVC), with 0.020-inch slotted screen. Each well will have a traffic rated 12-inch diameter well box, with a locking well cap. Upon completion of well installation activities, each well will be developed, and the location and top of well casing will be surveyed by a licensed land surveyor. All newly installed groundwater monitoring wells will be added to the quarterly groundwater monitoring and sampling program. ENSR recommends joint quarterly groundwater monitoring with the Kennington property since several of the groundwater monitoring wells that were installed to assess dissolved-phase concentrations beneath the Kennington property are in a downgradient position relative to the site.

Analytical Methods

Groundwater samples collected from the newly installed wells will be analyzed for the same constituents as the other monitoring wells in the program. Additional analysis of select wells for natural attenuation parameters such as dissolved-oxygen (DO, field instrument), pH (field instrument), oxidation-reduction potential (ORP; field instrument), nitrate and nitrite (EPA Method 300), sulfate (EPA Method 300), ferrous iron (SM3500-FeD), methane (EPA Method RSK-175M),

5.2.4 Waste Handling

All waste materials generated during soil and groundwater assessment will be temporarily stored onsite in Department of Transportation approved 55-gallon drums or covered roll-off containers pending analytical results. Soil and groundwater will then be transported under manifest once characterized to a soil or groundwater recycling facility.

5.2.5 Updated Site Conceptual Model

An updated SCM will be submitted incorporating additional soil and groundwater data collected during the proposed assessment activities. In addition, an analysis of the groundwater data using the natural attenuation parameters will be conducted to determine if the site is a candidate for monitored natural attenuation (MNA).

6.0 REFERENCES

Aerial Photographs dated 1928, 1938, 1947, 1956, 1965, 1976, 1989, 1994 and 2002 of 3505 Pasadena Avenue, Los Angeles, CA, Environmental Data Resources (EDR).

Arcadis G&M, Inc., 2005, Second Quarter 2005 Progress Report – ITT Cannon – Humboldt Street Site (Former Kennington Property), Los Angeles, CA, August 12.

Cape Environmental Management, Inc. (CAPE), 2000, Confirmatory Soil Sampling and Monitoring Well Installation Report, Former Welch's Uniform Facility, 3505 Pasadena Avenue, Los Angeles, CA, November.

CAPE, 2002, Results of Soil Gas Survey at the Former Welch;s Uniform Facility Site, 3505 Pasadena Avenue, Los Angeles, California, January 31.

CAPE, 2004, UST Closure Report: Former Welch;s Uniform Facility Site, 3505 Pasadena Avenue, Los Angeles, California, August.

CAPE, 2005, Third Quarter 2005 Groundwater Monitoring and Sampling Report, Former Welch's Uniform Facility, 3505 Pasadena Avenue, Los Angeles, CA, October.

CET Environmental Services, Inc., 1998, Status Report Soil Remediation Program – Former Welch's Uniform Rental Facility, 3505 Pasadena Avenue, Los Angeles, California

EDR, 2005a, Radius Map with GeoCheck Report, Former Welch's Uniform Facility, 3505 Pasadena Avenue, Los Angeles, CA, September.

EDR, 2005b, Offsite Receptor Report, Former Welch's Uniform Facility, 3505 Pasadena Avenue, Los Angeles, CA, September.

EDR, 2005c, Sanborn Maps, Former Welch's Uniform Facility, 3505 Pasadena Avenue, Los Angeles, CA, September.

EDR, 2005d, City Directory Report, Former Welch's Uniform Facility, 3505 Pasadena Avenue, Los Angeles, CA, September.

Kleinfelder, 1987, Report of Environmental Investigation, Welch's Uniform Rental, 3505 Pasadena Avenue, Los Angeles, CA, October 22.

References (continued):

Los Angeles County Department of Public Works, Hydrologic Records Division.

Thorne Environmental Inc. (Thorne), 1989, Site Characterization Report, Welch's Uniform Rental, Los Angeles, May 10.

Thorne, 1990, Phase II Groundwater Assessment - Welch's Uniform Rental Company, Los Angeles, June.

Thorne, 1991, Interim Status Report Soil Remediation, Former Welch's Uniform Rental, Los Angeles, September.

U.S. Geological Survey Topographic Quadrangle Map, Los Angeles, CA, dated 1913, 1915, 1928, 1953, 1966 (photorevised 1972, 1981, 1994).

TABLES

Table 1

SUMMARY OF GROUNDWATER MONITORING RESULTS

Former Aeroflex Union Facility

3354 Pulaski Avenue

Los Angeles, CA 90039

WELL ID	DATE MONITORED	TOP OF CASING ELEVATION (Feet msl)	DEPTH TO WATER (Feet)	ADJUSTED STATIC GROUNDWATER ELEVATION (Feet msl)	LIQUID PRODUCT THICKNESS (Inches)
MW-1	12/1/2004	385.84	34.37	351.47	ND
	03/15/05	385.84	ND	ND	ND
	06/22/05	385.84	34.70	351.14	ND
	09/21/05	NM	NM	NM	NM
	12/21/05	NM	NM	NM	NM
	03/29/06	NM	NM	NM	NM
	06/28/06	NM	NM	NM	NM
	09/20/06	385.47	NM	NM	NM
DESTROYED	12/27/06	NM	NM	NM	NM
MW-2	12/1/2004	387.47	36.33	351.14	ND
	03/15/05	387.47	NM	ND	ND
	06/22/05	387.47	36.37	351.10	ND
	09/21/05	387.08	36.41	350.67	ND
	12/21/05	386.96	37.00	349.96	ND
	03/29/06	386.54	37.00	349.54	ND
	06/28/06	387.38	36.33	351.05	ND
	09/20/06	387.38	36.33	351.05	ND
	12/27/06	387.38	37.90	349.48	ND
	03/29/07	387.38	37.88	349.50	ND
	06/28/07	387.38	37.88	349.50	ND
	09/27/07	387.08	36.46	350.62	ND
	12/27/07	387.08	36.46	350.62	ND
	03/28/08	387.38	37.84	349.54	ND
	06/30/08	387.38	37.84	349.54	ND
	09/29/08	387.38	37.84	349.54	ND
	12/29/08	387.38	37.84	349.54	ND
	03/30/09	387.38	37.84	349.54	ND
	06/29/09	387.38	37.84	349.54	ND
	09/28/09	387.38	37.84	349.54	ND
	12/28/09	387.38	37.84	349.54	ND
	03/29/10	387.38	37.84	349.54	ND
	06/28/10	387.38	37.84	349.54	ND
	09/27/10	387.38	37.84	349.54	ND
	12/27/10	387.38	37.84	349.54	ND
	03/28/11	387.38	37.84	349.54	ND
	06/27/11	387.38	37.84	349.54	ND
	09/26/11	387.38	37.84	349.54	ND
	12/26/11	387.38	37.84	349.54	ND
	03/26/12	387.38	37.84	349.54	ND
	06/25/12	387.38	37.84	349.54	ND
	09/24/12	387.38	37.84	349.54	ND
	12/24/12	387.38	37.84	349.54	ND
	03/25/13	387.38	37.84	349.54	ND
	06/24/13	387.38	37.84	349.54	ND
	09/23/13	387.38	37.84	349.54	ND
	12/23/13	387.38	37.84	349.54	ND
	03/24/14	387.38	37.84	349.54	ND
	06/23/14	387.38	37.84	349.54	ND
	09/22/14	387.38	37.84	349.54	ND
	12/22/14	387.38	37.84	349.54	ND
	03/23/15	387.38	37.84	349.54	ND
	06/22/15	387.38	37.84	349.54	ND
	09/21/15	387.38	37.84	349.54	ND
	12/21/15	387.38	37.84	349.54	ND
	03/21/16	387.38	37.84	349.54	ND
	06/20/16	387.38	37.84	349.54	ND
	09/19/16	387.38	37.84	349.54	ND
	12/19/16	387.38	37.84	349.54	ND
	03/20/17	387.38	37.84	349.54	ND
	06/19/17	387.38	37.84	349.54	ND
	09/18/17	387.38	37.84	349.54	ND
	12/18/17	387.38	37.84	349.54	ND
	03/19/18	387.38	37.84	349.54	ND
	06/18/18	387.38	37.84	349.54	ND
	09/17/18	387.38	37.84	349.54	ND
	12/17/18	387.38	37.84	349.54	ND
	03/18/19	387.38	37.84	349.54	ND
	06/17/19	387.38	37.84	349.54	ND
	09/16/19	387.38	37.84	349.54	ND
	12/16/19	387.38	37.84	349.54	ND
	03/16/20	387.38	37.84	349.54	ND
	06/15/20	387.38	37.84	349.54	ND
	09/14/20	387.38	37.84	349.54	ND
	12/14/20	387.38	37.84	349.54	ND
	03/15/21	387.38	37.84	349.54	ND
	06/14/21	387.38	37.84	349.54	ND
	09/13/21	387.38	37.84	349.54	ND
	12/13/21	387.38	37.84	349.54	ND
	03/14/22	387.38	37.84	349.54	ND
	06/13/22	387.38	37.84	349.54	ND
	09/12/22	387.38	37.84	349.54	ND
	12/12/22	387.38	37.84	349.54	ND
	03/13/23	387.38	37.84	349.54	ND
	06/12/23	387.38	37.84	349.54	ND
	09/11/23	387.38	37.84	349.54	ND
	12/11/23	387.38	37.84	349.54	ND
	03/11/24	387.38	37.84	349.54	ND
	06/10/24	387.38	37.84	349.54	ND
	09/09/24	387.38	37.84	349.54	ND
	12/09/24	387.38	37.84	349.54	ND
	03/10/25	387.38	37.84	349.54	ND
	06/09/25	387.38	37.84	349.54	ND
	09/08/25	387.38	37.84	349.54	ND
	12/08/25	387.38	37.84	349.54	ND
	03/09/26	387.38	37.84	349.54	ND
	06/08/26	387.38	37.84	349.54	ND
	09/07/26	387.38	37.84	349.54	ND
	12/07/26	387.38	37.84	349.54	ND
	03/08/27	387.38	37.84	349.54	ND
	06/07/27	387.38	37.84	349.54	ND
	09/06/27	387.38	37.84	349.54	ND
	12/06/27	387.38	37.84	349.54	ND
	03/07/28	387.38	37.84	349.54	ND
	06/06/28	387.38	37.84	349.54	ND
	09/05/28	387.38	37.84	349.54	ND
	12/05/28	387.38	37.84	349.54	ND
	03/06/29	387.38	37.84	349.54	ND
	06/05/29	387.38	37.84	349.54	ND
	09/04/29	387.38	37.84	349.54	ND
	12/04/29	387.38	37.84	349.54	ND
	03/05/30	387.38	37.84	349.54	ND
	06/04/30	387.38	37.84	349.54	ND
	09/03/30	387.38	37.84	349.54	ND
	12/03/30	387.38	37.84	349.54	ND
	03/04/31	387.38	37.84	349.54	ND
	06/03/31	387.38	37.84	349.54	ND
	09/02/31	387.38	37.84	349.54	ND
	12/02/31	387.38	37.84	349.54	ND
	03/03/32	387.38	37.84	349.54	ND
	06/02/32	387.38	37.84	349.54	ND
	09/01/32	387.38	37.84	349.54	ND
	12/01/32	387.38	37.84	349.54	ND
	03/02/33	387.38	37.84	349.54	ND
	06/01/33	387.38	37.84	349.54	ND
	08/31/33	387.38	37.84	349.54	ND
	11/30/33	387.38	37.84	349.54	ND
	02/29/34	387.38	37.84	349.54	ND
	05/30/34	387.38	37.84	349.54	ND
	08/29/34	387.38	37.84	349.54	ND
	11/28/34	387.38	37.84	349.54	ND
	02/27/35	387.38	37.84	349.54	ND
	05/28/35	387.38	37.84	349.54	ND
	08/27/35	387.38	37.84	349.54	ND
	11/26/35	387.38	37.84	349.54	ND
	02/25/36	387.38	37.84	349.54	ND
	05/26/36	387.38	37.84	349.54	ND
	08/25/36	387.38	37.84	349.54	ND
	11/24/36	387.38	37.84	349.54	ND
	02/23/37	387.38	37.84	349.54	ND
	05/24/37	387.38	37.84	349.54	ND
	08/23/37	387.38	37.84	349.54	ND
	11/22/37	387.38	37.84	349.54	ND
	02/21/38	387.38	37.84	349.54	ND
	05/22/38	387.38	37.84	349.54	ND
	08/21/38	387.38	37.84	349.54	ND
	11/20/38	387.38	37.84	349.54	ND
	02/19/39	387.38	37.84	349.54	ND
	05/20/39	387.38	37.84	349.54	ND
	08/19/39	387.38	37.84	349.54	ND
	11/18/39	387.38	37.84	349.54	ND
	02/17/40	387.38	37.84	349.54	ND
	05/18/40	387.38	37.84	349.54	ND
	08/17/40	387.38	37.84	349.54	ND
	11/16/40	387.38	37.84	349.54	ND
	02/15/41	387.38	37.84	349.54	ND
	05/16/41	387.38	37.84	349.54	ND
	08/15/41	387.38	37.84	349.54	ND
	11/14/41	387.38	37.84	349.54	ND
	02/13/42	387.38	37.84	349.54	ND
	05/14/42	387.38	37.84	349.54	ND
	08/13/42	387.38	37.84	349.54	ND
	11/12/42	387.38	37.84	349.54	ND
	02/11/43	387.38	37.84	349.54	ND
	05/12/43	387.38	37.84	349.54	ND
	08/11/43	387.38	37.84	349.54	ND
	11/10/43	387.38	37.84	349.54	ND
	02/09/44	387.38	37.84	349.54	ND
	05/10/44	387.38	37.84	349.54	ND
	08/09/44	387.38	37.84	349.54	ND
	11/08/44	387.38	37.84	349.54	ND
	02/07/45	387.38	37.84	349.54	ND
	05/08/45	387.38	37.84	349.54	ND
	08/07/45	387.38	37.84	349.54	ND
	11/06/45	387.38	37.84	349.54	ND
	02/05/46	387.38	37.84	349.54	ND
	05/06/46	387.38	37.84	349.54	ND
	08/05/46	387.38	37.84	349.54	ND
	11/04/46	387.38	37.84	349.54	ND
	02/03/47	387.38	37.84	349.54	ND
	05/04/47	387.38	37.84	349.54	ND
	08/03/47	387.38	37.84	349.54	ND
	11/02/47	387.38	37.84	349.54	ND
	02/01/48	387.38	37.84	349.54	ND
	05/02/48	387.38	37.84	349.54	ND
	08/01/48	387.38	37.84	349.54	ND
	10/31/48	387.38	37.84	349.54	ND
	01/30/49	387.38	37.84	349.54	ND
	04/30/49	387.38	37.84	349.54	ND
	07/30/49	387.38	37.84	349.54	ND
	10/29/49	387.38	37.84	349.54	ND
	01/28/50	387.38	37.84	349.54	ND
	04/29/50	387.38	37.84	349.54	ND
	07/28/50	387.38	37.84	349.54	ND
	10/27/50	387.38	37.84	349.54	ND
	01/26/51	387.38	37.84	349.54	ND
	04/27/51	387.38	37.84	349.54	ND
	07/26/51	387.38	37.84	349.54	ND
	10/25/51	387.38	37.84	349.54	ND
	01/24/52	387.38	37.84	349.54	ND
	04/24/52	387.38	37.84	349.54	ND
	07/24/52	387.38	37.84	349.54	ND
	10/23/52	387.38	37.84	349.54	ND
	01/22/53	387.38	37.84	349.54	ND
	04/23/53	387.38	37.84	349.54	ND
	07/22/53	387.38	37.84	349.54	ND
	10/21/53	387.38	37.84	349.54	ND
	01/20/54	387.38	37.84	349.54	ND
	04/21/54	387.38	37.84	349.54	ND
	07/20/54	387.38	37.84	349.54	ND
	10/19/54	387.38	37.84	349.54	ND
	01/18/55	387.38	37.84	349.54	ND
	04/19/55	387.38	37.84	349.54	ND
	07/18/55	387.38	37.84	349.54	ND
	10/17/55	387.38	37.84	349.54	ND
	01/16/56	387.38	37.84	349.54	ND
	04/16/56	387.38	37.84	349.54	ND
	07/15/56	387.38	37.84	349.54	ND
	10/14/56	387.38	37.84	349.54	ND
	01/13/57	387.38	37.84	349.54	ND
	04/14/57	387.38	37.84	349.54	ND
	07/13/57	387.38	37.84	349.54	ND
	10/12/57	387.38	37.84	349.54	ND
	01/11/58	387.38	37.84	349.54	ND
	04/12/58	387.38	37.84	349.54	ND
	07/11/58	387.38	37.84	349.54	ND
	10/10/58	387.38	37.84	349.54	ND
	01/09/59	387.38	37.84	349.54	ND
	04/10/59	387.38	37.84	349.54	ND
	07/09/59	387.38	37.84	349.54	ND
	10/08/59	387.38	37.84	349.54	ND
	01/07/60	387.38	37.84	349.54	ND
	04/07/60	387.38	37.84	349.54	ND
	07/06/60	387.38	37.84	349.54	ND
	10/05/60	387.38	37.84	349.54	ND
	01/04/61	387.38	37.84	349.54	ND
	04/05/61	387.38	37.84	349.54	ND
	07/04/61	387.38	37.84	349.54	ND
	10/03/61	387.38	37.84	349.54	ND
	01/02/62	387.38	37.84	349.54	ND
	04/03/62	387.38	37.84	349.54	ND
	07/02/62	387.38	37.84	349.54	ND
	10/01/62	387.38	37.84	349.54	ND
	12/31/62	387.38	37.84	349.54	ND
	03/31/63	387.38	37.84	349.54	ND
	06/30/63	387.38	37.84	349.54	ND
	09/29/63	387.38	37.84	349.54	ND
	12/29/63	387.38	37.84	349.54	ND
	03/29/64	387.38	37.84	349.54	ND
	06/28/64	387.38	37.84	349.54	ND
	09/27/64	387.38	37.84	349.54	ND
	12/27/64	387.38	37.84	349.54	ND
	03/27/65	387.38	37.84	349.54	ND
	06/26/65	387.38	37.84	349.54	ND
	09/25/65	387.38	37.84	349.54	ND
	12/25/65	387.38	37.84	349.54	ND
	03/25/66	387.38	37.84	349.54	ND
	06/24/66	387.38	37.84	349.54	ND
	09/23/66	387.38	37.84	349.54	ND
	12/23/66	387.38	37.84	349.54	ND
	03/23/67	387.38	37.84	349.54	ND
	06/22/67	387.38	37.84	349.54	ND
	09/21/67	387.38	37.84	349.54	ND
	12/21/67	387.38	37.84	349.54	ND
	03/21/68	387.38	37.84	349.54	ND
	06/20/68	387.38	37.84	349.54	ND
	09/19/68	387.38	37.84	349.54	ND
	12/19/68	387.38	37.84	349.54	ND
	03/19/69	387.38	37.84	349.54	ND
	06/18/69	387.38	37.84	349.54	ND
	09/17/69	387.38	37.84	349.54	ND
	12/17/69	387.38	37.84	349.54	ND
	03/17/70	387.38	37.84	349.54	ND
	06/16/70	387.38	37.84	349.54	ND
	09/15/70	387.38	37.84	349.54	ND
	12/15/70	387.38	37.84	349.54	ND
	03/15/71	387.38	37.84	349.54	ND
	06/14/71	387.38	37.84	349.54	ND
	09/13/71	387.38	37.84	349.54	ND
	12/13/71	387.38	37.84	349.54	ND
	03/13/72	387.38	37.84	349.54	ND
	06/12/72	387.38	37.84	349.54	ND
	09/11/72	387.38	37.84	349.54	ND
	12/11/72	387.38	37.84	349.54	ND
	03/11/73	387.38	37.84	349.54	ND
	06/10/73	387.38	37.84	349.54	ND
	09/09/73	387.38	37.84	349.54	ND
	12/09/73	387.38	37.84	349.54	ND
	03/10/74	387.38	37.84	349.54	ND
	06/09/74	387.38	37.84	349.54	ND
	09/08/74	387.38	37.84	349.54	ND
	12/08/74	387.38	37.84	349.54	ND
	03/09/75	387.38	37.84	349.54	ND
	06/08/75	387.38	37.84	349.54	ND
	09/07/75	387.38	37.84	349.54	ND
	12/07/75	387.38	37.84	349.54	ND
	03/08/76	387.38	37.84	349.54	ND
	06/07/76	387.38	37.84	349.54	ND
	09/06/76	387.38	37.84	349.54	ND
	12/06/76	387.38	37.84	349.54	ND
	03/07/77	387.38	37.84	349.54	ND
	06/06/77	387.38	37.84	349.54	ND
	09/05/77	387.38	37.84	349.54	ND
	12/05/77	387.38	37.84	349.54	ND
	03/06/78	387.38	37.84	349.54	ND
	06/05/78	387.38	37.84	349.54	ND
	09/04/78	387.38	37.84	349.54	ND
	12/04/78	387.38	37.84	349.54	ND
	03/05/79	387.38	37.84	349.54	ND
	06/04/79	387.38	37.84	349.54	ND
	09/03/79	387.38	37.84	349.54	ND
	12/03/79	387.38	37.84	349.54	ND
	03/04/80	387.38	37.84	349.54	ND
	06/03/80	387.38	37.84	349.54	ND
	09/02/80	387.38	37.84	349.54	ND
	12/02/80	387.38	37.84	349.54	ND
	03/03/81	387.38	37.84	349.54	ND
	06/02/81	387.38	37.84	349.54	ND
	09/01/81	387.38	37.84	349.54	ND
	12/01/81	387.38	37.84	349.54	ND
	03/02/82	387.38	37.84	349.54	ND
	06/01/82	387.38	37.84	349.54	ND
	08/31/82	387.38	37.84	349.54	ND
	11/30/82	387.38	37.84	349.54	ND
	02/28/83	387.38	37.84	349.54	ND
	05/29/83	387.38	37.84	349.54	ND
	08/28/83	387.38	37.84	349.54	ND
	11/27/83	387.38	37.84	349.54	ND
	02/26/84	387.38	37.84	349.54	ND
	05/27/84	387.38	37.84	349.54	ND
	08/26/84	387.38	37.84	349.54	ND
	11/25/84	387.38	37.84	349.54	ND
	02/24/85	387.38	37.84	349.54	ND
	05/25/85	387.38	37.84	349.54	ND
	08/24/85	387.38	37.84	349.54	ND
	11/23/85	387.38	37.84	349.54	ND
	02/22/86	387.38	37.84	349.54	ND
	05/23/86	387.38	37.84	349.54	ND
	08/22/86	387.38	37.84	349.54	ND
	11/21/86	387.38	37.84	349.54	ND
	02/20/87	387.38	37.84	349.54	ND
	05/21/87	387.38	37.84	349.54	ND
	08/20/87	387.38	37.84	349.54	ND
	11/19/87	387.38	37.84	349.54	ND
	02/18/88	387.38	37.84	349.54	ND
	05/19/88	387.38	37.84	349.54	ND
	08/18/88	387.38	37.84	349.54	ND
	11/17/88	387.38	37.84	349.54	ND
	02/16/89	387.38	37.84	349.54	ND
	05/17/89	387.38	37.84	349.54	ND
	08/16/89	387.38	37.84	349.54	ND
	11/15/89	387.38	37.84	349.54	ND
	02/14/90	387.38	37.84	349.54	ND
	05/15/90	387.38	37.84	349.54	ND
	08/14/90	387.38	37.84	349.54	ND
	11/13/90	387.38	37.84	349.54	ND
	02/12/91	387.38	37.84	349.54	ND
	05/13/91	387.38	37.84	349.54	ND
	08/12/91	387.38	37.84	349.54	ND
	11/11/91	387.38	37.84	349.54	ND
	02/10/92	387.38	37.84	349.54	ND
	05/11/92	387.38	37.84	349.54	ND
	08/10/92	387.38	37.84	349.54	ND
	11/09/92	387.38	37.84	349.54	ND
	02/08/93	387.38	37.84	349.54	ND
	05/09/93	387.38	37.84	349.54	ND
	08/08/93	387.38	37.84	349.54	ND
	11/07/93	387.38	37.84	349.54	ND
	02/06/94	387.38	37.84	349.54	ND
	05/07/94	387.38	37.84	349.54	ND
	08/06/94	387.38	37.84	349.54	ND
	11/05/94	387.38	37.84	349.54	ND
	02/04/95	387.38	37.84	349.54	ND
	05/05/95	387.38	37.84	349.54	ND
	08/04/95	387.38	37.84	349.54	ND
	11/03/95	387.38	37.84	349.54	ND
	02/02/96	387.38	37.84	349.54	ND
	05/03/96	387.38	37.84	349.54	ND
	08/02/96	387.38	37.84	349.54	ND
	11/01/96	387.38	37.84	349.54	ND
	01/31/97	387.38	37.84	349.54	ND
	04/30/97	387.38	37.84	349.54	ND
	07/30/97	387.38	37.84	349.54	ND
	10/29/97	387.38	37.84	349.54	ND
	01/28/98	387.38	37.84	349.54	ND
	04/29/98	387.38	37.84	349.54	ND
	07/28/98	387.38	37.84	349.54	ND
	10/27/98	387.38	37.84	349.54	ND
	01/26/99	387.38	37.84	349.54	ND
	04/27/99	387.38	37.84	349.54	ND
	07/26/99	387.38	37.84	349.54	ND
	10/25/99	387.38	37.84	349.54	ND
	01/24/00	387.38	37.84	349.54	ND
	04/24/00	387.38	37.84	349.54	ND
	07/24/00	387.38	37.84	349.54	ND
	10/23/00	387.38	37.84	349.54	ND
	01/22/01	387.38	37.84	349.54	ND
	04/23/01	387.38	37.84	349.54	ND
	07/22/01	387.38	37.84	349.54	ND
	10/21/01	387.38	37.84	349.54	ND
	01/20/02	387.38	37.84	349.54	ND
	04/21/02	387.38	37.84	349.54	ND
	07/20/02	387.38	37.84	349.54	ND
	10/19/02	387.38	37.84	349.54	ND
	01/18/03	387.38	37.84	349.54	ND
	04/19/03	387.38	37.84	349.54	ND
	07/18/03	387.38	37.84	349.54	ND
	10/17/03	387.38	37.84	349.54	ND
	01/16/04	387.38	37.84	349.54	ND
	04/16/04	387.38	37.84	349.54	ND
	07/15/04	387.38	37.84	349.54	ND
	10/14/04	387.38	37.84	349.54	ND
	01/13/05	387.38	37.84	349.54	ND
	04/14/05	387.38	37.84	349.54	ND
	07/13/05	387.38	37.84	349.54	ND
	10/12/05	387.38	37.84	349.54	ND
	01/11/06	387.38	37.84	349.54	ND
	04/12/06	387.38	37.84	349.54	ND
	07/11/06	387.38	37.84	349.54	ND
	10/10/06	387.38	37.84	349.54	ND
	01/09/07	387.38	37.84	349.54	ND
	04/10/07	387.38	37.84	349.54	ND
	07/09/07	387.38	37.84	349.54	ND
	10/08/07	387.38	37.84	349.54	ND
	01/07/08	387.38	37.84	349.54	ND
	04/07/08	387.38	37.84	349.54	ND
	07/06/08	387.38	37.84	349.54	ND
	10/05/08	387.38	37.84	349.54	ND
	01/04/09	387.38	37.84	349.54	ND
	04/05/09	387.38	37.84	349.54	ND
	07/04/09	387.38	37.84	349.54	ND
	10/03/09	387.38	37.84	349.54	ND
	01/02/10	387.38	37.84	349.54	ND
	04/03/10	387.38	37.84	349.54	ND
	07/02/10	387.38	37.84	349.54	ND
	10/01/10	387.38	37.84	349.54	ND
	12/31/10	387.38	37.84	349.54	ND
	03/31/11	387.38	37.84	349.54	ND
	06/30/11	387.38	37.84	349.54	ND
	09/29/11	387.38	37.84	349.54	ND
	12/29/11	387.38	37.84	349.54	ND
	03/29/12	387.38	37.84	349.54	ND
	06/28/12	387.38	37.84	349.54	ND
	09/27/12	387.38	37.84	349.54	ND
	12/27/12	387.38	37.84	349.54	ND
	03/27/13	387.38	37.84	349.54	ND
	06/26/13	387.38	37.84	349.54	ND
	09/25/13	387.38	37.84	349.54	ND
	12/25/13	387.38	37.84	349.54	ND
	03/25/14	387.38	37.84	349.54	ND
	06/24/14	387.38	37.84	349.54	ND
	09/23/14	387.38	37.84	349.54	ND
	12/23/14	387.38	37.84	349.54	ND
	03/23/15	387.38	37.84	349.54	ND
	06/22/15	387.38	37.84	349.54	ND
	09/21/15	387.38	37.84	349.54	ND
	12/21/15	387.38	37.84	349.54	ND
	03/21/16	387.38	37.84	349.54	ND
	06/20/16	387.38	37.84	349.54	ND
	09/19/16	387.38	37.84	349.54	ND
	12/19/16	387.38	37.84	349.54	ND
	03/20/17	387.38	37.84	349.54	ND
	06/19/17	387.38	37.84	349.54	ND
	09/18/17	387.38	37.84	349.54	ND
	12/18/17	387.38	37.84	349.54	ND
	03/19/18	387.38	37.84	349.54	ND
	06/18/18	387.38	37.84	349.54	ND
	09/17/18	387.38	37.84	349.54	ND
	12/17/18	387.38	37.84	349.54	ND
	03/18/19	387.38	37.84	349.54	ND
	06/17/19	387.38	37.84	349.54	ND
	09/16/19	387.38	37.84	349.54	ND
	12/16/19	387.38	37.84	349.54	ND
	03/16/20	387.38	37.84	349.54	ND
	06/15/20	387.38	37.84	349.54	ND
	09/14/20	387.38	37.84	349.54	ND
	12/14/20	387.38	37.84	349.54	ND
	03/15/21	387.38	37.84	349.54	ND
	06/14/21	387.38	37.84	349.54	ND
	09/13/21	387.38	37.84	349.54	ND
	12/13/21	387.38	37.84	349.54	ND
	03/14/22	387.38	37.84	349.54	ND
	06/13/22	387.38	37.84	349.54	ND
	09/12/22	387.38	37.84	349.54	ND
	12/12/22	387.38	37.84	349.54	ND
	03/13/23	387.38	37.84	349.54	ND
	06/12/23	387.38	37.84	349.54	ND
	09/11/23	387.38	37.84	349.54	ND
	12/11/23	387.38	37.84	349.54	ND
	03/11/24	387.38	37.84	349.54	ND
	06/10/24	387.38	37.84	349.54	ND
	09/09/24	387.38	37.84	349.54	ND
	12/09/24	387.38	37.84	349.54	ND
	03/10/25	387.38	37.84	349.54	ND
	06/09/25	387.38	37.84	349.54	ND
	09/08/25	387.38	37.84

TABLE 1

SUMMARY OF GROUNDWATER MONITORING RESULTS

Former American Linen Facility

1535 Frendora Avenue

Los Angeles, California

WELL ID	DATE MONITORED	TOP OF CASING ELEVATION (feet amsl)	DEPTH TO WATER (Feet)	ADJUSTED WATER GROUNDWATER ELEVATION (Feet amsl)	LIQUID PRODUCT THICKNESS (Inches)
MW-2	09/05/03	394.39	39.27	355.12	ND
	11/13/03	394.39	37.22	357.17	ND
	12/30/03	394.39	39.22	355.17	ND
	03/17/04	394.39	36.01	358.38	ND
	06/16/04	394.39	35.65	358.74	ND
	09/15/04	394.39	39.18	355.21	ND
	12/15/04	394.39	39.75	354.64	ND
	03/14/05	394.39	39.28	355.11	ND
	06/14/05	394.39	37.33	357.06	ND
	09/28/05	394.39	37.44	356.95	ND
MW-3	09/05/03	395.59	MW	MW	MW
	09/09/03	395.59	MW	MW	MW
	09/30/03	395.59	34.78	360.81	NC
	11/13/03	395.59	33.71	361.88	ND
	12/30/03	395.59	33.49	362.10	ND
	03/17/04	395.59	33.05	362.54	ND
	06/16/04	395.59	33.04	362.55	ND
	09/15/04	395.59	34.23	361.36	ND
	12/15/04	395.59	34.03	361.56	ND
	03/14/05	395.59	33.23	362.36	ND
	06/14/05	395.59	33.89	361.70	ND
	09/28/05	395.59	34.99	360.60	ND
MW-4	09/05/03	394.21	34.45	359.76	ND
	09/09/03	394.21	34.65	359.56	ND
	09/30/03	394.21	34.37	359.84	ND
	11/13/03	394.21	34.22	359.99	ND
	12/30/03	394.21	34.49	359.72	ND
	03/17/04	394.21	34.05	360.16	ND
	06/16/04	394.21	34.05	360.16	ND
	09/15/04	394.21	34.22	359.99	ND
	12/15/04	394.21	34.49	359.72	ND
	03/14/05	394.21	34.04	360.17	ND
	06/14/05	394.21	33.79	360.42	ND
	09/28/05	394.21	33.98	360.23	ND
MW-5	09/05/03	394.74	34.91	359.83	ND
	09/09/03	394.74	MW	MW	MW
	09/30/03	394.74	MW	MW	MW
	11/13/03	394.74	34.71	360.03	ND
	12/30/03	394.74	MW	MW	MW
	03/17/04	394.74	MW	MW	MW
	06/16/04	394.74	MW	MW	MW
	09/15/04	394.74	MW	MW	MW
	12/15/04	394.74	MW	MW	MW
	03/14/05	394.74	MW	MW	MW
	06/14/05	394.74	MW	MW	MW
	09/28/05	394.74	MW	MW	MW
Abandoned	09/28/05	NA	NA	NA	NA
MW-6	09/05/03	395.01	35.10	359.91	ND
	09/09/03	395.01	MW	MW	MW
	09/30/03	395.01	MW	MW	MW
	11/13/03	MW	MW	MW	MW
	03/15/05	MW	MW	MW	MW
	06/14/05	MW	MW	MW	MW
	09/28/05	395.01	MW	MW	MW
Abandoned	09/28/05	NA	NA	NA	NA

TABLE 1

Summary of Groundwater Monitoring Results

Former American Linen Facility

1535 Frendora Avenue

Los Angeles, California

WELL ID	DATE MONITORED	TOP OF CASING ELEVATION (feet amsl)	DEPTH TO WATER (Feet)	ADJUSTED STATIC GROUNDWATER ELEVATION (feet amsl)	LIQUID PRODUCT THICKNESS (inches)
MW-7	09/05/03	396.27	36.51	359.76	ND
	09/09/03	396.27	MW	MW	MW
	09/30/03	396.27	36.78	359.49	ND
	11/13/03	396.27	37.04	359.23	ND
	12/30/03	396.27	37.14	359.13	ND
	03/17/04	396.27	36.66	359.61	ND
	06/16/04	396.27	36.66	359.61	ND
	09/15/04	396.27	37.08	359.19	ND
	12/15/04	396.27	37.08	359.19	ND
	03/14/05	396.27	36.34	359.93	ND
	06/14/05	396.27	36.42	359.85	ND
	09/28/05	396.27	37.01	359.26	ND
MW-8	09/05/03	395.91	36.08	359.83	ND
	09/09/03	395.91	MW	MW	MW
	09/30/03	395.91	36.14	359.77	ND
	11/13/03	395.91	36.01	359.90	ND
	12/30/03	395.91	36.01	359.90	ND
	03/17/04	395.91	35.66	360.25	ND
	06/16/04	395.91	35.66	360.25	ND
	09/15/04	395.91	36.07	359.84	ND
	12/15/04	395.91	36.07	359.84	ND
	03/14/05	395.91	35.37	360.54	ND
	06/14/05	395.91	35.43	360.48	ND
	09/28/05	395.91	36.02	359.89	ND
MW-9	09/05/03	394.22	34.99	359.23	ND
	09/09/03	394.22	34.99	359.23	ND
	09/30/03	394.22	34.78	359.44	ND
	11/13/03	394.22	34.63	359.59	ND
	12/30/03	394.22	34.81	359.41	ND
	03/17/04	394.22	34.39	359.83	ND
	06/16/04	394.22	34.39	359.83	ND
	09/15/04	394.22	34.78	359.44	ND
	12/15/04	394.22	34.23	359.99	ND
	03/14/05	394.22	34.43	359.79	ND
	06/14/05	394.22	34.70	359.52	ND
	09/28/05	394.22	34.90	359.32	ND
Abandoned	09/28/05	NA	NA	NA	NA
MW-10	09/05/03	372.96	41.14	331.82	ND
	09/09/03	372.96	41.23	331.73	ND
	09/30/03	372.96	41.39	331.57	ND
	11/13/03	372.96	41.39	331.57	ND
	12/30/03	372.96	41.39	331.57	ND
	03/17/04	372.96	40.61	332.35	ND
	06/16/04	372.96	41.06	331.90	ND
	09/15/04	372.96	41.29	331.67	ND
	12/15/04	372.96	41.19	331.77	ND
	03/14/05	372.96	41.08	331.88	ND
	06/14/05	372.96	41.04	331.92	ND
	09/28/05	372.96	41.12	331.84	ND
MW-11	09/05/03	372.43	40.41	331.98	ND
	09/09/03	372.43	40.41	331.98	ND
	09/30/03	372.43	40.61	331.78	ND
	11/13/03	372.43	40.61	331.78	ND
	12/30/03	372.43	40.61	331.78	ND
	03/17/04	372.43	40.21	332.18	ND
	06/16/04	372.43	40.21	332.18	ND
	09/15/04	372.43	40.61	331.78	ND
	12/15/04	372.43	40.61	331.78	ND
	03/14/05	372.43	40.21	332.18	ND
	06/14/05	372.43	40.21	332.18	ND
	09/28/05	372.43	40.61	331.78	ND

TABLE 2

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

Former American Linen Facility

4699 Firestone Avenue

Los Angeles, California

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (Feet msl)	DEPTH TO WATER (Feet)	ADJUSTED STATIC GROUNDWATER ELEVATION (Feet msl)	LIGHT PHASE PRODUCT THICKNESS (Inches)
MW-1	05/05/92	362.96	34.04	328.92	ND
	08/03/92	362.96	35.04	327.92	ND
	07/15/93	362.11	33.61	328.50	ND
	1/19/99	362.11	33.80	328.31	ND
	2/4/2000	362.11	34.19	327.92	ND
	4/5/2001	362.11	34.31	327.80	ND
	08/15/02	362.11	34.46	327.65	ND
	12/20/02	362.11	34.58	327.53	ND
	03/28/03	362.11	34.63	327.48	ND
	06/27/03	362.11	34.68	327.43	ND
	09/19/03	362.11	34.69	327.42	ND
	12/17/03	362.11	34.71	327.40	ND
	03/23/04	362.11	34.68	327.43	ND
	06/15/04	362.11	34.69	327.42	ND
	09/15/04	362.11	34.70	327.41	ND
	12/15/04	362.11	34.71	327.40	ND
	03/15/05	362.11	34.72	327.39	ND
	06/15/05	362.11	34.73	327.38	ND
	09/15/05	362.11	34.74	327.37	ND
	12/15/05	362.11	34.75	327.36	ND
MW-2	05/05/92	365.86	37.51	328.35	ND
	08/03/92	365.86	38.53	327.33	ND
	07/15/93	362.51	34.90	327.61	ND
	1/19/99	362.51	35.10	327.41	ND
	2/4/2000	362.51	35.21	327.30	ND
	4/5/2001	362.51	35.31	327.20	ND
	08/15/02	362.51	35.46	327.05	ND
	12/20/02	362.51	35.58	326.93	ND
	03/28/03	362.51	35.63	326.88	ND
	06/27/03	362.51	35.68	326.83	ND
	09/19/03	362.51	35.69	326.82	ND
	12/17/03	362.51	35.71	326.80	ND
	03/23/04	362.51	35.68	326.83	ND
	06/15/04	362.51	35.69	326.82	ND
	09/15/04	362.51	35.70	326.81	ND
	12/15/04	362.51	35.71	326.80	ND
	03/15/05	362.51	35.72	326.79	ND
	06/15/05	362.51	35.73	326.78	ND
	09/15/05	362.51	35.74	326.77	ND
	12/15/05	362.51	35.75	326.76	ND

TABLE 2

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

Former American Linen Facility

4699 Firestone Avenue

Los Angeles, California

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (Feet msl)	DEPTH TO WATER (Feet)	ADJUSTED STATIC GROUNDWATER ELEVATION (Feet msl)	LIGHT PHASE PRODUCT THICKNESS (Inches)
MW-3	05/05/92	364.55	36.13	328.42	ND
	08/03/92	364.55	37.13	327.42	ND
	07/15/93	364.29	37.07	327.22	ND
	1/19/99	364.29	36.96	327.33	ND
	2/4/2000	364.29	37.14	327.15	ND
	4/5/2001	364.29	37.65	326.64	ND
	08/15/02	364.29	37.80	326.49	ND
	12/20/02	364.29	37.92	326.37	ND
	03/28/03	364.29	37.97	326.32	ND
	06/27/03	364.29	38.00	326.29	ND
	09/19/03	364.29	38.01	326.28	ND
	12/17/03	364.29	38.03	326.26	ND
	03/23/04	364.29	38.00	326.29	ND
	06/15/04	364.29	38.01	326.28	ND
	09/15/04	364.29	38.02	326.27	ND
	12/15/04	364.29	38.03	326.26	ND
	03/15/05	364.29	38.04	326.25	ND
	06/15/05	364.29	38.05	326.24	ND
	09/15/05	364.29	38.06	326.23	ND
	12/15/05	364.29	38.07	326.22	ND

TABLE 1

SUMMARY OF GROUNDWATER MONITORING RESULTS

Former American Linen Supply

5855 Pasadena Avenue

Los Angeles, California

WELL ID	DATE MEASURED	TOP OF CASING ELEVATION (Feet msl)	DEPTH TO WATER (Feet)	ADJUSTED STATIC GROUNDWATER ELEVATION (Feet msl)	LIQUID PRODUCT THICKNESS (Inches)
MW-1	10/23/95	380.76	34.27	346.49	ND
	12/18/95	380.76	41.96	338.80	ND
	03/22/96	380.76	39.66	341.10	ND
	06/27/96	380.76	38.74	342.02	ND
	09/27/96	380.76	39.47	341.29	ND
	12/16/96	380.76	39.40	341.36	ND
	03/27/97	380.76	34.76	345.99	ND
	06/25/97	380.76	34.25	346.51	ND
	09/18/97	380.76	34.94	345.82	ND
	12/17/97	380.76	34.84	345.92	ND
	03/31/98	380.76	33.79	346.97	ND
	06/16/98	380.76	33.61	347.15	ND
	09/15/98	380.76	33.68	347.08	ND
	12/15/98	380.76	33.68	347.08	ND
	03/15/99	380.76	33.68	347.08	ND
	06/15/99	380.76	33.68	347.08	ND
	09/15/99	380.76	33.68	347.08	ND
	12/15/99	380.76	33.68	347.08	ND
	03/15/00	380.76	33.68	347.08	ND
	06/15/00	380.76	33.68	347.08	ND
	09/15/00	380.76	33.68	347.08	ND
	12/15/00	380.76	33.68	347.08	ND
	03/15/01	380.76	33.68	347.08	ND
	06/15/01	380.76	33.68	347.08	ND
	09/15/01	380.76	33.68	347.08	ND
	12/15/01	380.76	33.68	347.08	ND
	03/15/02	380.76	33.68	347.08	ND
	06/15/02	380.76	33.68	347.08	ND
	09/15/02	380.76	33.68	347.08	ND
	12/15/02	380.76	33.68	347.08	ND
	03/15/03	380.76	33.68	347.08	ND
	06/15/03	380.76	33.68	347.08	ND
	09/15/03	380.76	33.68	347.08	ND
	12/15/03	380.76	33.68	347.08	ND
	03/15/04	380.76	33.68	347.08	ND
	06/15/04	380.76	33.68	347.08	ND
	09/15/04	380.76	33.68	347.08	ND
	12/15/04	380.76	33.68	347.08	ND
	03/15/05	380.76	33.68	347.08	ND
	06/15/05	380.76	33.68	347.08	ND
	09/15/05	380.76	33.68	347.08	ND
	12/15/05	380.76	33.68	347.08	ND
	03/15/06	380.76	33.68	347.08	ND
	06/15/06	380.76	33.68	347.08	ND
	09/15/06	380.76	33.68	347.08	ND
	12/15/06	380.76	33.68	347.08	ND
	03/15/07	380.76	33.68	347.08	ND
	06/15/07	380.76	33.68	347.08	ND
	09/15/07	380.76	33.68	347.08	ND
	12/15/07	380.76	33.68	347.08	ND
	03/15/08	380.76	33.68	347.08	ND
	06/15/08	380.76	33.68	347.08	ND
	09/15/08	380.76	33.68	347.08	ND
	12/15/08	380.76	33.68	347.08	ND
	03/15/09	380.76	33.68	347.08	ND
	06/15/09	380.76	33.68	347.08	ND
	09/15/09	380.76	33.68	347.08	ND
	12/15/09	380.76	33.68	347.08	ND
	03/15/10	380.76	33.68	347.08	ND
	06/15/10	380.76	33.68	347.08	ND
	09/15/10	380.76	33.68	347.08	ND
	12/15/10	380.76	33.68	347.08	ND
	03/15/11	380.76	33.68	347.08	ND
	06/15/11	380.76	33.68	347.08	ND
	09/15/11	380.76	33.68	347.08	ND
	12/15/11	380.76	33.68	347.08	ND
	03/15/12	380.76	33.68	347.08	ND
	06/15/12	380.76	33.68	347.08	ND
	09/15/12	380.76	33.68	347.08	ND
	12/15/12	380.76	33.68	347.08	ND
	03/15/13	380.76	33.68	347.08	ND
	06/15/13	380.76	33.68	347.08	ND
	09/15/13	380.76	33.68	347.08	ND
	12/15/13	380.76	33.68	347.08	ND
	03/15/14	380.76	33.68	347.08	ND
	06/15/14	380.76	33.68	347.08	ND
	09/15/14	380.76	33.68	347.08	ND
	12/15/14	380.76	33.68	347.08	ND
	03/15/15	380.76	33.68	347.08	ND
	06/15/15	380.76	33.68	347.08	ND
	09/15/15	380.76	33.68	347.08	ND
	12/15/15	380.76	33.68	347.08	ND
	03/15/16	380.76	33.68	347.08	ND
	06/15/16	380.76	33.68	347.08	ND
	09/15/16	380.76	33.68	347.08	ND
	12/15/16	380.76	33.68	347.08	ND
	03/15/17	380.76	33.68	347.08	ND
	06/15/17	380.76	33.68	347.08	ND
	09/15/17	380.76	33.68	347.08	ND
	12/15/17	380.76	33.68	347.08	ND
	03/15/18	380.76	33.68	347.08	ND
	06/15/18	380.76	33.68	347.08	ND
	09/15/18	380.76	33.68	347.08	ND
	12/15/18	380.76	33.68	347.08	ND
	03/15/19	380.76	33.68	347.08	ND
	06/15/19	380.76	33.68	347.08	ND
	09/15/19	380.76	33.68	347.08	ND
	12/15/19	380.76	33.68	347.08	ND
	03/15/20	380.76	33.68	347.08	ND
	06/15/20	380.76	33.68	347.08	ND
	09/15/20	380.76	33.68	347.08	ND
	12/15/20	380.76	33.68	347.08	ND
	03/15/21	380.76	33.68	347.08	ND
	06/15/21	380.76	33.68	347.08	ND
	09/15/21	380.76	33.68	347.08	ND
	12/15/21	380.76	33.68	347.08	ND
	03/15/22	380.76	33.68	347.08	ND
	06/15/22	380.76	33.68	347.08	ND
	09/15/22	380.76	33.68	347.08	ND
	12/15/22	380.76	33.68	347.08	ND
	03/15/23	380.76	33.68	347.08	ND
	06/15/23	380.76	33.68	347.08	ND
	09/15/23	380.76	33.68	347.08	ND
	12/15/23	380.76	33.68	347.08	ND
	03/15/24	380.76	33.68	347.08	ND
	06/15/24	380.76	33.68	347.08	ND
	09/15/24	380.76	33.68	347.08	ND
	12/15/24	380.76	33.68	347.08	ND
	03/15/25	380.76	33.68	347.08	ND
	06/15/25	380.76	33.68	347.08	ND
	09/15/25	380.76	33.68	347.08	ND
	12/15/25	380.76	33.68	347.08	ND
	03/15/26	380.76	33.68	347.08	ND
	06/15/26	380.76	33.68	347.08	ND
	09/15/26	380.76	33.68	347.08	ND
	12/15/26	380.76	33.68	347.08	ND
	03/15/27	380.76	33.68	347.08	ND
	06/15/27	380.76	33.68	347.08	ND
	09/15/27	380.76	33.68	347.08	ND
	12/15/27	380.76	33.68	347.08	ND
	03/15/28	380.76	33.68	347.08	ND
	06/15/28	380.76	33.68	347.08	ND
	09/15/28	380.76	33.68	347.08	ND
	12/15/28	380.76	33.68	347.08	ND
	03/15/29	380.76	33.68	347.08	ND
	06/15/29	380.76	33.68	347.08	ND
	09/15/29	380.76	33.68	347.08	ND
	12/15/29	380.76	33.68	347.08	ND
	03/15/30	380.76	33.68	347.08	ND
	06/15/30	380.76	33.68	347.08	ND
	09/15/30	380.76	33.68	347.08	ND
	12/15/30	380.76	33.68	347.08	ND
	03/15/31	380.76	33.68	347.08	ND
	06/15/31	380.76	33.68	347.08	ND
	09/15/31	380.76	33.68	347.08	ND
	12/15/31	380.76	33.68	347.08	ND
	03/15/32	380.76	33.68	347.08	ND
	06/15/32	380.76	33.68	347.08	ND
	09/15/32	380.76	33.68	347.08	ND
	12/15/32	380.76	33.68	347.08	ND
	03/15/33	380.76	33.68	347.08	ND
	06/15/33	380.76	33.68	347.08	ND
	09/15/33	380.76	33.68	347.08	ND
	12/15/33	380.76	33.68	347.08	ND
	03/15/34	380.76	33.68	347.08	ND
	06/15/34	380.76	33.68	347.08	ND
	09/15/34	380.76	33.68	347.08	ND
	12/15/34	380.76	33.68	347.08	ND
	03/15/35	380.76	33.68	347.08	ND
	06/15/35	380.76	33.68	347.08	ND
	09/15/35	380.76	33.68	347.08	ND
	12/15/35	380.76	33.68	347.08	ND
	03/15/36	380.76	33.68	347.08	ND
	06/15/36	380.76	33.68	347.08	ND
	09/15/36	380.76	33.68	347.08	ND
	12/15/36	380.76	33.68	347.08	ND
	03/15/37	380.76	33.68	347.08	ND
	06/15/37	380.76	33.68	347.08	ND
	09/15/37	380.76	33.68	347.08	ND
	12/15/37	380.76	33.68	347.08	ND
	03/15/38	380.76	33.68	347.08	ND
	06/15/38	380.76	33.68	347.08	ND
	09/15/38	380.76	33.68	347.08	ND
	12/15/38	380.76	33.68	347.08	ND
	03/15/39	380.76	33.68	347.08	ND
	06/15/39	380.76	33.68	347.08	ND
	09/15/39	380.76	33.68	347.08	ND
	12/15/39	380.76	33.68	347.08	ND
	03/15/40	380.76	33.68	347.08	ND
	06/15/40	380.76	33.68	347.08	ND
	09/15/40	380.76	33.68	347.08	ND
	12/15/40	380.76	33.68	347.08	ND
	03/15/41	380.76	33.68	347.08	ND
	06/15/41	380.76	33.68	347.08	ND
	09/15/41	380.76	33.68	347.08	ND
	12/15/41	380.76	33.68	347.08	ND
	03/15/42	380.76	33.68	347.08	ND
	06/15/42	380.76	33.68	347.08	ND
	09/15/42	380.76	33.68	347.08	ND
	12/15/42	380.76	33.68	347.08	ND
	03/15/43	380.76	33.68	347.08	ND
	06/15/43	380.76	33.68	347.08	ND
	09/15/43	380.76	33.68	347.08	ND
	12/15/43	380.76	33.68	347.08	ND
	03/15/44	380.76	33.68	347.08	ND
	06/15/44	380.76	33.68	347.08	ND
	09/15/44	380.76	33.68	347.08	ND
	12/15/44	380.76	33.68	347.08	ND
	03/15/45	380.76	33.68	347.08	ND
	06/15/45	380.76	33.68	347.08	ND
	09/15/45	380.76	33.68	347.08	ND
	12/15/45	380.76	33.68	347.08	ND
	03/15/46	380.76	33.68	347.08	ND
	06/15/46	380.76	33.68	347.08	ND
	09/15/46	380.76	33.68	347.08	ND
	12/15/46	380.76	33.68	347.08	ND
	03/15/47	380.76	33.68	347.08	ND
	06/15/47	380.76	33.68	347.08	ND
	09/15/47	380.76	33.68	347.08	ND
	12/15/47	380.76	33.68	347.08	ND
	03/15/48	380.76	33.68	347.08	ND
	06/15/48	380.76	33.68	347.08	ND
	09/15/48	380.76	33.68	347.08	ND
	12/15/48	380.76	33.68	347.08	ND
	03/15/49	380.76	33.68	347.08	ND
	06/15/49	380.76	33.68	347.08	ND
	09/15/49	380.76	33.68	347.08	ND
	12/15/49	380.76	33.68	347.08	ND
	03/15/50	380.76	33.68	347.08	ND
	06/15/50	380.76	33.68	347.08	ND
	09/15/50	380.76	33.68	347.08	ND
	12/15/50	380.76	33.68	347.08	ND
	03/15/51	380.76	33.68	347.08	ND
	06/15/51	380.76	33.68	347.08	ND
	09/15/51	380.76	33.68	347.08	ND
	12/15/51	380.76	33.68	347.08	ND
	03/15/52	380.76	33.68	347.08	ND
	06/15/52	380.76	33.68	347.08	ND
	09/15/52	380.76	33.68	347.08	ND
	12/15/52	380.76	33.68	347.08	ND
	03/15/53	380.76	33.68	347.08	ND
	06/15/53	380.76	33.68	347.08	ND
	09/15/53	380.76	33.68	347.08	ND
	12/15/53	380.76	33.68	347.08	ND
	03/15/54	380.76	33.68	347.08	ND
	06/15/54	380.76	33.68	347.08	ND
	09/15/54	380.76	33.68	347.08	ND
	12/15/54	380.76	33.68	347.08	ND
	03/15/55	380.76	33.68	347.08	ND
	06/15/55	380.76	33.68	347.08	ND
	09/15/55	380.76	33.68	347.08	ND
	12/15/55	380.76	33.68	347.08	ND
	03/15/56	380.76	33.68	347.08	ND
	06/15/56	380.76	33.68	347.08	ND
	09/15/56	380.76	33.68	347.08	ND
	12/15/56	380.76	33.68	347.08	ND
	03/15/57	380.76	33.68	347.08	ND
	06/15/57	380.76	33.68	347.08	ND
	09/15/57	380.76	33.68	347.08	ND
	12/15/57	380.76	33.68	347.08	ND
	03/15/58	380.76	33.68	347.08	ND
	06/15/58	380.76	33.68	347.08	ND
	09/15/58	380.76	33.68	347.08	ND
	12/15/58	380.76	33.68	347.08	ND
	03/15/59	380.76	33.68	347.08	ND
	06/15/59	380.76	33.68	347.08	ND
	09/15/59	380.76	33.68	347.08	ND
	12/15/59	380.76	33.68	347.08	ND
	03/15/60	380.76	33.68	347.08	ND
	06/15/60	380.76	33.68	347.08	ND
	09/15/60	380.76	33.68	347.08	ND
	12/15/60	380.76	33.68	347.08	ND
	03/15/61	380.76	33.68	347.08	ND
	06/15/61	380.76	33.68	347.08	ND
	09/15/61	380.76	33.68	347.08	ND
	12/15/61	380.76	33.68	347.08	ND
	03/15/62	380.76	33.68	347.08	ND
	06/15/62	380.76	33.68	347.08	ND
	09/15/62	380.76	33.68	347.08	ND
	12/15/62	380.76	33.68	347.08	ND
	03/15/63	380.76	33.68	347.08	ND
	06/15/63	380.76	33.68	347.08	ND
	09/15/63	380.76	33.68	347.08	ND
	12/15/63	380.76	33.68	347.08	ND
	03/15/64	380.76	33.68	347.08	ND
	06/15/64	380.76	33.68	347.08	ND
	09/15/64	380.76	33.68	347.08	ND
	12/15/64	380.76	33.68	347.08	ND
	03/15/65	380.76	33.68	347.08	ND
	06/15/65	380.76	33.68	347.08	ND
	09/15/65	380.76	33.68	347.08	ND
	12/15/65	380.76	33.68	347.08	ND
	03/15/66	380.76	33.68	347.08	ND
	06/15/66	380.76	33.68	347.08	ND
	09/15/66	380.76	33.68	347.08	ND
	12/15/66	380.76	33.68	347.08	ND
	03/15/67	380.76	33.68	347.08	ND
	06/15/67	380.76	33.68	347.08	ND
	09/15/67	380.76	33.68	347.08	ND
	12/15/67	380.76	33.68	347.08	ND
	03/15/68	380.76	33.68	347.08	ND
	06/15/68	380.76	33.68	347.08	ND
	09/15/68	380.76	33.68	347.08	ND
	12/15/68	380.76	33.68	347.08	ND
	03/15/69	380.76	33.68	347.08	ND
	06/15/69	380.76	33.68	347.08	ND
	09/15/69	380.76	33.68	347.08	ND
	12/15/69	380.76	33.68	347.08	ND
	03/15/70	380.76	33.68	347.08	ND
	06/15/70	380.76	33.68	347.08	ND
	09/15/70	380.76	33.68	347.08	ND
	12/15/70	380.76	33.68	347.08	ND
	03/15/71	380.76	33.68	347.08	ND
	06/15/71	380.76	33.68	347.08	ND
	09/15/71	380.76	33.68	347.08	ND
	12/15/71	380.76	33.68	347.08	ND
	03/15/72	380.76	33.68	347.08	ND
	06/15/72	380.76	33.68	347.08	ND
	09/15/72	380.76	33.68	347.08	ND
	12/15/72	380.76	33.68	347.08	ND
	03/15/73	380.76	33.68	347.08	ND
	06/15/73	380.76	33.68	347.08	ND
	09/15/73	380.76	33.68	347.08	ND
	12/15/73	380.76	33.68	347.08	ND
	03/15/74	380.76	33.68	347.08	ND
	06/15/74	380.76	33.68	347.08	ND
	09/15/74	380.76	33.68	347.08	ND
	12/15/74	380.76	33.68	347.08	ND
	03/15/75	380.76	33.68	347.08	ND
	06/15/75	380.76	33.68	347.08	ND
	09/15/75	380.76	33.68	347.08	ND
	12/15/75	380.76	33.68	347.08	ND
	03/15/76	380.76	33.68	347.08	ND
	06/15/76	380.76	33.68	347.08	ND
	09/15/76	380.76	33.68	347.08	ND
	12/15/76	380.76	33.68	347.08	ND
	03/15/77	380.76	33.68	347.08	ND
	06/15/77	380.76	33.68	347.08	ND
	09/15/77	380.76	33.68	347.08	ND
	12/15/77	380.76	33.68	347.08	ND
	03/15/78	380.76	33.68	347.08	ND
	06/15/78	380.76	33.68	347.08	ND
	09/15/78	380.76	33.68	347.08	ND
	12/15/78	380.76	33.68	347.08	ND
	03/15/79	380.76	33.68	347.08	ND
	06/15/79	380.76	33.68	347.08	ND
	09/15/79	380.76	33.68	347.08	ND
	12/15/79	380.76	33.68	347.08	ND
	03/15/80	380.76	33.68	347.08	ND
	06/15/80	380.76	33.68	347.08	ND
	09/15/80	380.76	33.68	347.08	ND
	12/15/80	380.76	33.68	347.08	ND
	03/15/81	380.76	33.68	347.08	ND
	06/15/81	380.76	33.68	347.08	ND
	09/15/81	380.76	33.68	347.08	ND
	12/15/81	380.76	33.68	347.08	ND
	03/15/82	380.76	33.68	347.08	ND
	06/15/82	380.76	33.68	347.08	ND
	09/15/82	380.76	33.68	347.08	ND
	12/15/82	380.76	33.68	347.08	ND
	03/15/83	380.76	33.68	347.08	ND
	06/15/83	380.76	33.68	347.08	ND
	09/15/83	380.76	33.68	347.08	ND
	12/15/83	380.76	33.68	347.08	ND
	03/15/84	380.76	33.68	347.08	ND
	06/15/84	380.76	33.68	347.08	ND
	09/15/84	380.76	33.68	347.08	ND
	12/15/84	380.76	33.68	347.08	ND
	03/15/85	380.76	33.68	347.08	ND
	06/15/85	380.76	33.68	347.08	ND
	09/15/85	380.76	33.68	347.08	ND
	12/15/85	380.76	33.68	347.08	ND
	03/15/86	380.76	33.68	347.08	ND
	06/15/86	380.76	33.68	347.08	ND
	09/15/86	380.76	33.68	347.08	ND
	12/15/86	380.76	33.68	347.08	ND
	03/15/87	380.76	33.68	347.08	ND
	06/15/87	380.76	33.68	347.08	ND
	09/15/87	380.76	33.68	347.08	ND
	12/15/87	380.76	33.68	347.08	ND
	03/15/88	380.76	33.68	347.08	ND
	06/15/88	380.76	33.68	347.08	ND
	09/15/88	380.76	33.68	347.08	ND
	12/15/88	380.76	33.68	347.08	ND
	03/15/89	380.76	33.68	347.08	ND
	06/15/89	380.76	33.68	347.08	ND
	09/15/89	380.76	33.68	347.08	ND
	12/15/89	380.76	33.68	347.08	ND
	03/15/90	380.76	33.68	347.08	ND
	06/15/90	380.76	33.68	347.08	ND
	09/15/90	380.76	33.68	347.08	ND
	12/15/90	380.76	33.68	347.08	ND
	03/15/91	380.76	33.68	347.08	ND
	06/15/91	380.76	33.68	347.08	ND
	09/15/91	380.76	33.68	347.08	ND
	12/15/91	380.76	33.68	347.08	ND
	03/15/92	380.76	33.68	347.08	ND
	06/15/92	380.76	33.68	347.08	ND
	09/15/92	380.76	33.68	347.08	ND
	12/15/92	380.76	33.68	347.08	ND
	03/15/93	380.76	33.68	347.08	ND
	06/15/93	380.76	33.68	347.08	ND
	09/15/93	380.76	33.68	347.08	ND
	12/15/93	380.76	33.68	347.08	ND
	03/15/94	380.76	33.68	347.08	ND
	06/15/94	380.76	33.68	347.08	ND
	09/15/94	380.76	33.68	347.08	ND
	12/15/94	380.76	33.68	347.08	ND
	03/15/95	380.76	33.68	347.08	ND
	06/15/95	380.76	33.68	347.08	ND
	09/15/95	380.76	33.68	347.08	ND
	12/15/95	380.76	33.68	347.08	ND
	03/15/96	380.76	33.68	347.08	ND
	06/15/96	380.76	33.68	347.08	ND
	09/15/96	380.76	33.68	347.08	ND
	12/15/96	380.76	33.68	347.08	ND
	03/15/97	380.76	33.68	347.08	ND
	06/15/97	380.76	33.68	347.08	ND
	09/15/97	380.76	33.68	347.08	ND
	12/15/97	380.76	33.68	347.08	ND
	03/15/98	380.76	33.68	347.08	ND
	06/15/98	380.76	33.68	347.08	ND
	09/15/98	380.76	33.68	347.08	ND
	12/15/98	380.76	33.68	347.08	ND
	03/15/99	380.76	33.68	347.08	ND
	06/15/99	380.76	33.68	347.08	ND
	09/15/99	380.76	33.68	347.08	ND
	12/15/99	380.76	33.68	347.08	ND
	03/15/00	380.76	33.68	347.08	ND
	06/15/00	380.76	33.68	347.08	ND
	09/15/00	380.76	33.68	347.08	ND
	12/15/00	380.76	33.68	347.08	ND
	03/15/01	380.76	33.68	347.08	ND
	06/15/01	380.76	33.68	347.08	ND
	09/15/01	380.76	33.68	347.08	ND
	12/15/01	380.76	33.68	347.08	ND
	03/15/02	380.76	33.68	347.08	ND
	06/15/02	380.76	33.68	347.08	ND
	09/15/02	380.76	33.68	347.08	ND
	12/15/02	380.76	33.68	347.08	ND
	03/15/03	380.76	33.68	347.08	ND
	06/15/03	380.76	33.68	347.08	ND
	09/15/03	380.76	33.68	347.08	ND
	12/15/03	380.76	33.68	347.08	ND
	03/15/04	380.76	33.68	347.08	ND
	06/15/04	380.76	33.68	347.08	ND
	09/15/04	380.76	33.68	347.08	ND
	12/15/04	380.76	33.68	347.08	ND
	03/15/05	380.76	33.68	347.08	ND
	06/15/05	380.76	33.68	347.08	ND
	09/15/05	380.76	33.68	347.08	ND
	12/15/05	380.76	33.68	347.08	ND
	03/15/06	380.76	33.68	347.08	ND
	06/15/06	380.76	33.68	347.08	ND
	09/15/06	380.76	33.68	347.08	ND
	12/15/06	380.76	33.68	347.08	ND
	03/15/07	380.76	33.68	347.08	ND
	06/15/07	380.76	33.68	347.08	ND
	09/15/07	380.76	33.68	347.08	ND
	12/15/07	380.76	33.68	347.08	ND
	03/15/08	380.76	33.68	347.08	ND
	06/15/08	380.76	33.68	347.08	ND
	09/15/08	380.76	33.68	347.08	ND
	12/15/08	380.76	33.68	347.08	ND
	03/15/09	380.76	33.68	347.08	ND
	06/15/09	380.76	33.68	347.08	ND
	09/15/09	380.76	33.68	347.08	ND
	12/15/09	380.76	33.68	347.08	ND
	03/15/10	380.76	33.68	347.08	ND
	06/15/10	380.76	33.68	347.08	ND
	09/15/10	380.76	33.68	347.08	ND
	12/15/10	380.76	33.68	347.08	ND
	03/15/11	380.76	33.68	347.08	ND
	06/15/11	380.76	33.68	347.08	ND
	09/15/11	380.76	33.68	347.08	ND
	12/15/11	380.76	33.68	347.08	ND
	03/15/12	380.76	33.68	347.08	ND
	06/15/12	380.76	33.68	347.08	ND
	09/15/12	380.76	33.68	347.08	ND
	12/15/12	380.76	33.68	347.08	ND
	03/15/13	380.76	33.68	347.08	ND
	06/15/13	380.76	33.68	347.08	ND
	09/15/13	380.76	33.68	347.08	ND
	12/15/13	380.76	33.68	347.08	ND
	03/15/14	380.76	33.68	347.08	ND
	06/15/14	380.76	33.68	347.08	ND
	09/15/14	380.76	33.68	347.08	ND
	12/15/14	380.76	33.68	347.08	ND
	03/15/15	380.76	33.68	347.08	ND
	06/15/15	380.76	33.68	347.08	ND
	09/15/15	380.76	33.68	347.08	ND
	12/15/15	380.76	33.68	347.08	ND
	03/15/16	380.76	33.68	347.08	ND
	06/15/16	380.76	33.68	347.08	ND
	09/15/16	380.76	33.68	347.08	ND
	12/15/16	380.76	33.68	347.08	ND
	03/15/17	380.76	33.68	347.08	ND
	06/15/17	380.76	33.68	347.08	ND
	09/15/17	380.76	33.68	347.08	ND
	12/15/17	380.76	33.68	347.08	ND
	03/15/18	380.76	33.68	347.08	ND
	06/15/18	380.76	33.68	347.08	ND
	09/15/18	380.76	33.68	347.08	ND
	12/15/18	380.76

TABLE 1

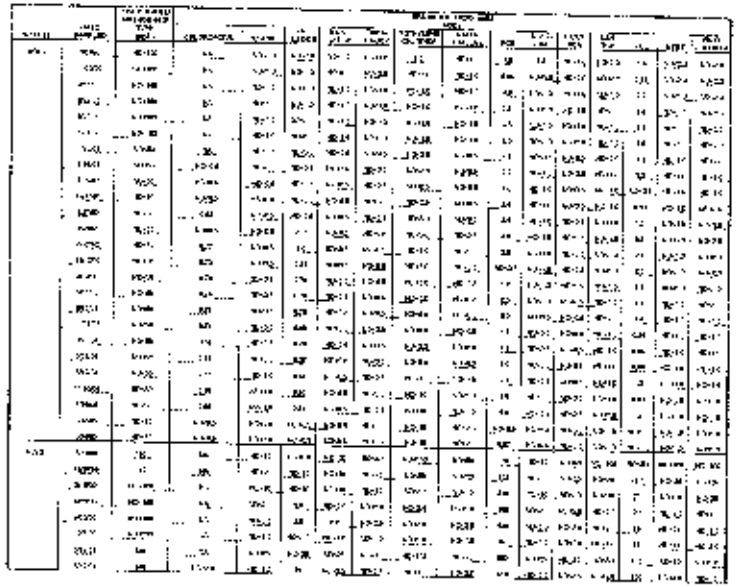
SUMMARY OF GROUNDWATER MONITORING RESULTS

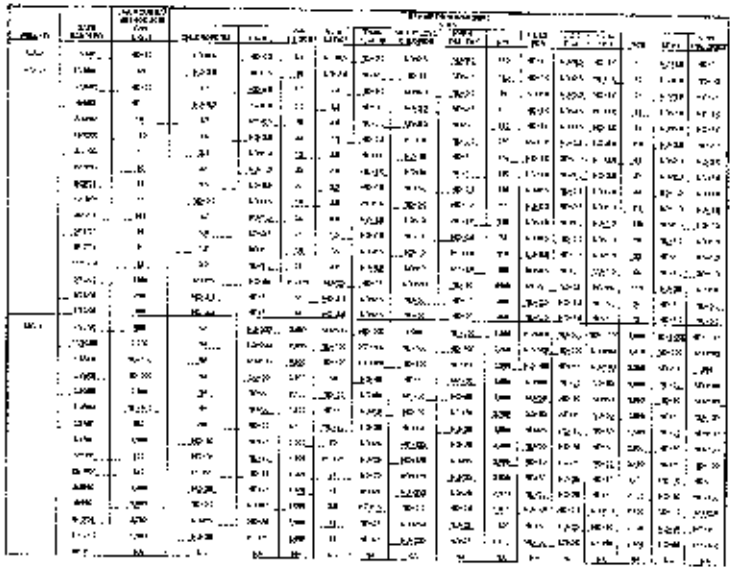
Former American Linen Facility

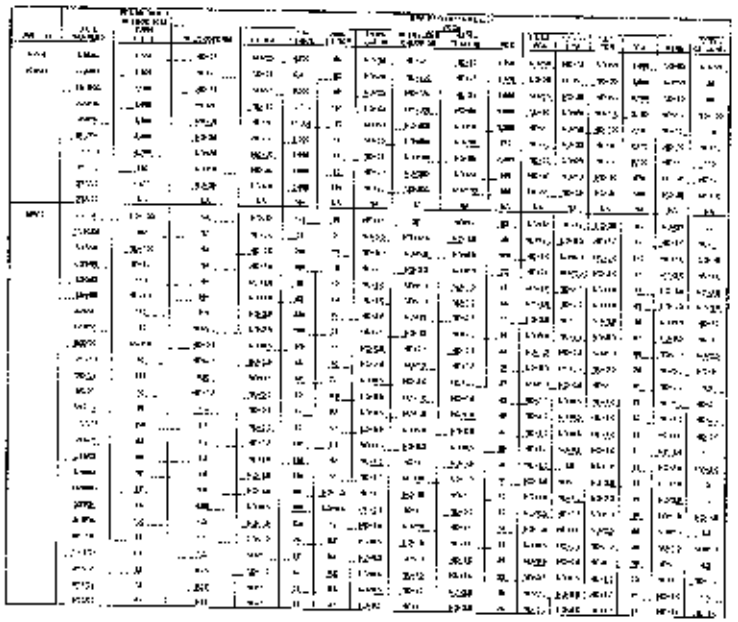
1500 Pasadena Avenue

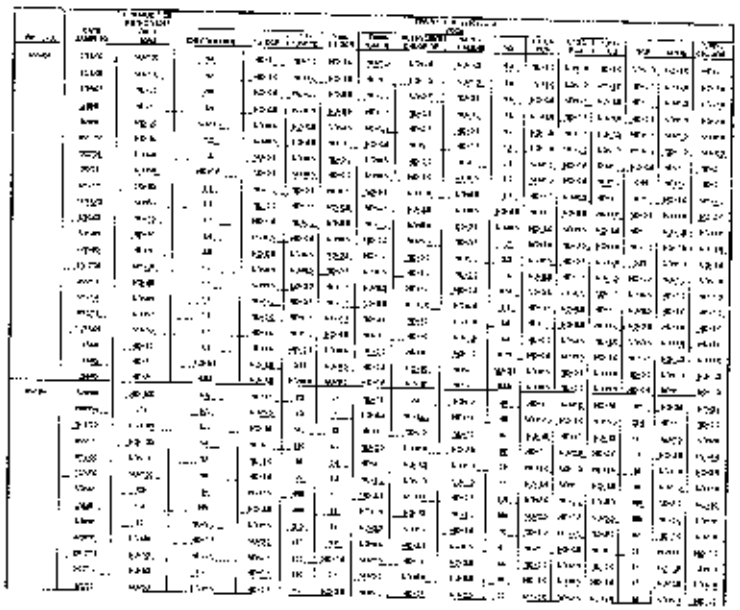
Los Angeles, California

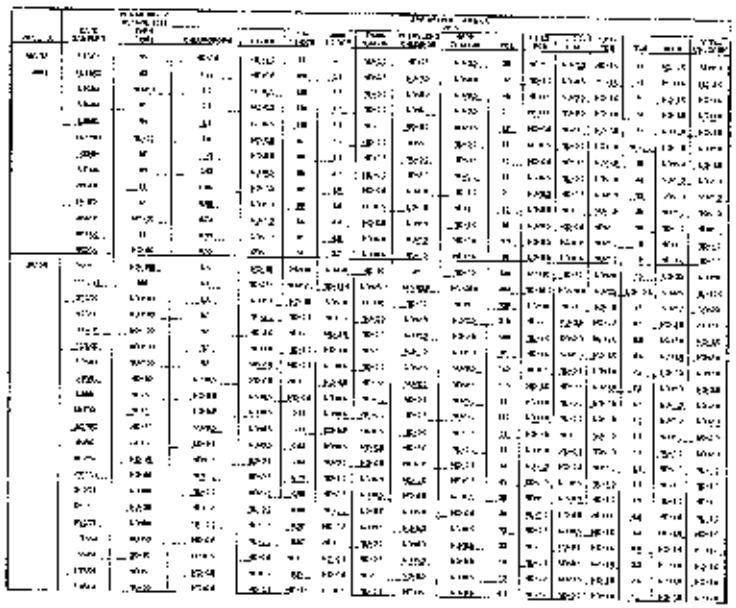
WELL ID	DATE MONITORED	TOP OF CASING ELEVATION (Feet msl)	DEPTH TO WATER (Feet)	ADJUSTED STATIC GROUNDWATER ELEVATION (Feet msl)	LIQUID PRODUCT THICKNESS (Inches)
MW-1	12/30/00	394.77	34.21	360.56	ND
(Deep)	1/30/01	394.77	33.86	360.91	ND
	2/27/01	394.77	33.66	361.11	ND
	3/27/01	394.77	32.94	361.83	ND
	4/25/01	394.77	34.43	360.34	ND
	5/30/01	394.77	34.58	360.19	ND
	7/25/01	394.77	34.82	359.95	ND
	8/30/01	394.77	34.90	359.87	ND
	9/27/01	394.77	34.64	360.13	ND
	10/31/01	394.77	34.52	360.25	ND
	11/27/01	394.77	34.78	359.99	ND
	12/31/01	394.77	34.32	360.45	ND
	1/31/02	394.77	34.78	359.99	ND
	2/27/02	394.77	34.36	360.41	ND
	3/27/02	394.77	34.35	360.42	ND
	4/30/02	394.77	33.96	360.81	ND
	5/31/02	394.77	34.45	360.32	ND
	6/27/02	394.77	34.54	360.23	ND
	7/31/02	394.77	34.68	360.09	ND
	8/30/02	394.77	34.54	360.23	ND
	9/30/02	394.77	34.77	360.00	ND
	10/31/02	394.77	34.68	360.09	ND
	11/27/02	394.77	34.36	360.41	ND
	12/31/02	394.77	34.36	360.41	ND
	1/31/03	394.77	34.36	360.41	ND
	2/28/03	394.77	34.36	360.41	ND
	3/31/03	394.77	34.36	360.41	ND
	4/30/03	394.77	34.36	360.41	ND
	5/30/03	394.77	34.36	360.41	ND
	6/30/03	394.77	34.36	360.41	ND
	7/31/03	394.77	34.36	360.41	ND
	8/29/03	394.77	34.36	360.41	ND
	9/30/03	394.77	34.36	360.41	ND
	10/31/03	394.77	34.36	360.41	ND
	11/30/03	394.77	34.36	360.41	ND
	12/31/03	394.77	34.36	360.41	ND
	1/31/04	394.77	34.36	360.41	ND
	2/29/04	394.77	34.36	360.41	ND
	3/31/04	394.77	34.36	360.41	ND
	4/30/04	394.77	34.36	360.41	ND
	5/31/04	394.77	34.36	360.41	ND
	6/30/04	394.77	34.36	360.41	ND
	7/31/04	394.77	34.36	360.41	ND
	8/31/04	394.77	34.36	360.41	ND
	9/30/04	394.77	34.36	360.41	ND
	10/31/04	394.77	34.36	360.41	ND
	11/30/04	394.77	34.36	360.41	ND
	12/31/04	394.77	34.36	360.41	ND
	1/31/05	394.77	34.36	360.41	ND
	2/28/05	394.77	34.36	360.41	ND
	3/31/05	394.77	34.36	360.41	ND
	4/30/05	394.77	34.36	360.41	ND
	5/31/05	394.77	34.36	360.41	ND
	6/30/05	394.77	34.36	360.41	ND
	7/31/05	394.77	34.36	360.41	ND
	8/31/05	394.77	34.36	360.41	ND
	9/30/05	394.77	34.36	360.41	ND
	10/31/05	394.77	34.36	360.41	ND
	11/30/05	394.77	34.36	360.41	ND
	12/31/05	394.77	34.36	360.41	ND
	1/31/06	394.77	34.36	360.41	ND
	2/28/06	394.77	34.36	360.41	ND
	3/31/06	394.77	34.36	360.41	ND
	4/30/06	394.77	34.36	360.41	ND
	5/31/06	394.77	34.36	360.41	ND
	6/30/06	394.77	34.36	360.41	ND
	7/31/06	394.77	34.36	360.41	ND
	8/31/06	394.77	34.36	360.41	ND
	9/30/06	394.77	34.36	360.41	ND
	10/31/06	394.77	34.36	360.41	ND
	11/30/06	394.77	34.36	360.41	ND
	12/31/06	394.77	34.36	360.41	ND
	1/31/07	394.77	34.36	360.41	ND
	2/28/07	394.77	34.36	360.41	ND
	3/31/07	394.77	34.36	360.41	ND
	4/30/07	394.77	34.36	360.41	ND
	5/31/07	394.77	34.36	360.41	ND
	6/30/07	394.77	34.36	360.41	ND
	7/31/07	394.77	34.36	360.41	ND
	8/31/07	394.77	34.36	360.41	ND
	9/30/07	394.77	34.36	360.41	ND
	10/31/07	394.77	34.36	360.41	ND
	11/30/07	394.77	34.36	360.41	ND
	12/31/07	394.77	34.36	360.41	ND
	1/31/08	394.77	34.36	360.41	ND
	2/28/08	394.77	34.36	360.41	ND
	3/31/08	394.77	34.36	360.41	ND
	4/30/08	394.77	34.36	360.41	ND
	5/31/08	394.77	34.36	360.41	ND
	6/30/08	394.77	34.36	360.41	ND
	7/31/08	394.77	34.36	360.41	ND
	8/31/08	394.77	34.36	360.41	ND
	9/30/08	394.77	34.36	360.41	ND
	10/31/08	394.77	34.36	360.41	ND
	11/30/08	394.77	34.36	360.41	ND
	12/31/08	394.77	34.36	360.41	ND
	1/31/09	394.77	34.36	360.41	ND
	2/28/09	394.77	34.36	360.41	ND
	3/31/09	394.77	34.36	360.41	ND
	4/30/09	394.77	34.36	360.41	ND
	5/31/09	394.77	34.36	360.41	ND
	6/30/09	394.77	34.36	360.41	ND
	7/31/09	394.77	34.36	360.41	ND
	8/31/09	394.77	34.36	360.41	ND
	9/30/09	394.77	34.36	360.41	ND
	10/31/09	394.77	34.36	360.41	ND
	11/30/09	394.77	34.36	360.41	ND
	12/31/09	394.77	34.36	360.41	ND
	1/31/10	394.77	34.36	360.41	ND
	2/28/10	394.77	34.36	360.41	ND
	3/31/10	394.77	34.36	360.41	ND
	4/30/10	394.77	34.36	360.41	ND
	5/31/10	394.77	34.36	360.41	ND
	6/30/10	394.77	34.36	360.41	ND
	7/31/10	394.77	34.36	360.41	ND
	8/31/10	394.77	34.36	360.41	ND
	9/30/10	394.77	34.36	360.41	ND
	10/31/10	394.77	34.36	360.41	ND
	11/30/10	394.77	34.36	360.41	ND
	12/31/10	394.77	34.36	360.41	ND
	1/31/11	394.77	34.36	360.41	ND
	2/28/11	394.77	34.36	360.41	ND
	3/31/11	394.77	34.36	360.41	ND
	4/30/11	394.77	34.36	360.41	ND
	5/31/11	394.77	34.36	360.41	ND
	6/30/11	394.77	34.36	360.41	ND
	7/31/11	394.77	34.36	360.41	ND
	8/31/11	394.77	34.36	360.41	ND
	9/30/11	394.77	34.36	360.41	ND
	10/31/11	394.77	34.36	360.41	ND
	11/30/11	394.77	34.36	360.41	ND
	12/31/11	394.77	34.36	360.41	ND
	1/31/12	394.77	34.36	360.41	ND
	2/28/12	394.77	34.36	360.41	ND
	3/31/12	394.77	34.36	360.41	ND
	4/30/12	394.77	34.36	360.41	ND
	5/31/12	394.77	34.36	360.41	ND
	6/30/12	394.77	34.36	360.41	ND
	7/31/12	394.77	34.36	360.41	ND
	8/31/12	394.77	34.36	360.41	ND
	9/30/12	394.77	34.36	360.41	ND
	10/31/12	394.77	34.36	360.41	ND
	11/30/12	394.77	34.36	360.41	ND
	12/31/12	394.77	34.36	360.41	ND
	1/31/13	394.77	34.36	360.41	ND
	2/28/13	394.77	34.36	360.41	ND
	3/31/13	394.77	34.36	360.41	ND
	4/30/13	394.77	34.36	360.41	ND
	5/31/13	394.77	34.36	360.41	ND
	6/30/13	394.77	34.36	360.41	ND
	7/31/13	394.77	34.36	360.41	ND
	8/31/13	394.77	34.36	360.41	ND
	9/30/13	394.77	34.36	360.41	ND
	10/31/13	394.77	34.36	360.41	ND
	11/30/13	394.77	34.36	360.41	ND
	12/31/13	394.77	34.36	360.41	ND
	1/31/14	394.77	34.36	360.41	ND
	2/28/14	394.77	34.36	360.41	ND
	3/31/14	394.77	34.36	360.41	ND
	4/30/14	394.77	34.36	360.41	ND
	5/31/14	394.77	34.36	360.41	ND
	6/30/14	394.77	34.36	360.41	ND
	7/31/14	394.77	34.36	360.41	ND
	8/31/14	394.77	34.36	360.41	ND
	9/30/14	394.77	34.36	360.41	ND
	10/31/14	394.77	34.36	360.41	ND
	11/30/14	394.77	34.36	360.41	ND
	12/31/14	394.77	34.36	360.41	ND
	1/31/15	394.77	34.36	360.41	ND
	2/28/15	394.77	34.36	360.41	ND
	3/31/15	394.77	34.36	360.41	ND
	4/30/15	394.77	34.36	360.41	ND
	5/31/15	394.77	34.36	360.41	ND
	6/30/15	394.77	34.36	360.41	ND
	7/31/15	394.77	34.36	360.41	ND
	8/31/15	394.77	34.36	360.41	ND
	9/30/15	394.77	34.36	360.41	ND
	10/31/15	394.77	34.36	360.41	ND
	11/30/15	394.77	34.36	360.41	ND
	12/31/15	394.77	34.36	360.41	ND
	1/31/16	394.77	34.36	360.41	ND
	2/28/16	394.77	34.36	360.41	ND
	3/31/16	394.77	34.36	360.41	ND
	4/30/16	394.77	34.36	360.41	ND
	5/31/16	394.77	34.36	360.41	ND
	6/30/16	394.77	34.36	360.41	ND
	7/31/16	394.77	34.36	360.41	ND
	8/31/16	394.77	34.36	360.41	ND
	9/30/16	394.77	34.36	360.41	ND
	10/31/16	394.77	34.36	360.41	ND
	11/30/16	394.77	34.36	360.41	ND
	12/31/16	394.77	34.36	360.41	ND
	1/31/17	394.77	34.36	360.41	ND
	2/28/17	394.77	34.36	360.41	ND
	3/31/17	394.77	34.36	360.41	ND
	4/30/17	394.77	34.36	360.41	ND
	5/31/17	394.77	34.36	360.41	ND
	6/30/17	394.77	34.36	360.41	ND
	7/31/17	394.77	34.36	360.41	ND
	8/31/17	394.77	34.36	360.41	ND
	9/30/17	394.77	34.36	360.41	ND
	10/31/17	394.77	34.36	360.41	ND
	11/30/17	394.77	34.36	360.41	ND
	12/31/17	394.77	34.36	360.41	ND
	1/31/18	394.77	34.36	360.41	ND
	2/28/18	394.77	34.36	360.41	ND
	3/31/18	394.77	34.36	360.41	ND
	4/30/18	394.77	34.36	360.41	ND
	5/31/18	394.77	34.36	360.41	ND
	6/30/18	394.77	34.36	360.41	ND
	7/31/18	394.77	34.36	360.41	ND
	8/31/18	394.77	34.36	360.41	ND
	9/30/18	394.77	34.36	360.41	ND
	10/31/18	394.77	34.36	360.41	ND
	11/30/18	394.77	34.36	360.41	ND
	12/31/18	394.77	34.36	360.41	ND
	1/31/19	394.77	34.36	360.41	ND
	2/28/19	394.77	34.36	360.41	ND
	3/31/19	394.77	34.36	360.41	ND
	4/30/19	394.77	34.36	360.41	ND
	5/31/19	394.77	34.36	360.41	ND
	6/30/19	394.77	34.36	360.41	ND
	7/31/19	394.77	34.36	360.41	ND
	8/31/19	394.77	34.36	360.41	ND
	9/30/19	394.77	34.36	360.41	ND
	10/31/19	394.77	34.36	360.41	ND
	11/30/19	394.77	34.36	360.41	ND
	12/31/19	394.77	34.36	360.41	ND
	1/31/20	394.77	34.36	360.41	ND
	2/28/20	394.77	34.36	360.41	ND
	3/31/20	394.77	34.36	360.41	ND
	4/30/20	394.77	34.36	360.41	ND
	5/31/20	394.77	34.36	360.41	ND
	6/30/20	394.77	34.36	360.41	ND
	7/31/20	394.77	34.36	360.41	ND
	8/31/20	394.77	34.36	360.41	ND
	9/30/20	394.77	34.36	360.41	ND
	10/31/20	394.77	34.36	360.41	ND
	11/30/20	394.77	34.36	360.41	ND
	12/31/20	394.77	34.36	360.41	ND
	1/31/21	394.77	34.36	360.41	ND
	2/28/21	394.77	34.36	360.41	ND
	3/31/21	394.77	34.36	360.41	ND
	4/30/21	394.77	34.36	360.41	ND
	5/31/21	394.77	34.36	360.41	ND
	6/30/21	394.77	34.36	360.41	ND
	7/31/21	394.77	34.36	360.41	ND
	8/31/21	394.77	34.36	360.41	ND
	9/30/21	394.77	34.36	360.41	ND
	10/31/21	394.77	34.36	360.41	ND
	11/30/21	394.77	34.36	360.41	ND
	12/31/21	394.77	34.36	360.41	ND
	1/31/22	394.77	34.36	360.41	ND
	2/28/22	394.77	34.36	360.41	ND
	3/31/22	394.77	34.36	360.41	ND
	4/30/22	394.77	34.36	360.41	ND
	5/31/22	394.77	34.36	360.41	ND
	6/30/22	394.77	34.36	360.41	ND
	7/31/22	394.77	34.36	360.41	ND
	8/31/22	394.77	34.36	360.41	ND
	9/30/22	394.77	34.36	360.41	ND
	10/31/22	394.77	34.36	360.41	ND
	11/30/22	394.77	34.36	360.41	ND
	12/31/22	394.77	34.36	360.41	ND
	1/31/23	394.77	34.36	360.41	ND
	2/28/23	394.77	34.36	360.41	ND
	3/31/23	394.77	34.36	360.41	ND
	4/30/23	394.77	34.36	360.41	ND
	5/31/23	394.77	34.36	360.41	ND
	6/30/23	394.77	34.36	360.41	ND
	7/31/23	394.77	34.36	360.41	ND
	8/31/23	394.77	34.36	360.41	ND
	9/30/23	394.77	34.36	360.41	ND
	10/31/23	394.77	34.36	360.41	ND
	11/30/23	394.77	34.36	360.41	ND
	12/31/23	394.77	34.36	360.41	ND
	1/31/24	394.77	34.36	360.41	ND
	2/28/24	394.77	34.36	360.41	ND
	3/31/24	394.77	34.36	360.41	ND
	4/30/24	394.77	34.36	360.41	ND
	5/31/24	394.77	34.36	360.41	ND
	6/30/24	394.77	34.36	360.41	ND
	7/31/24	394.77	34.36	360.41	ND
	8/31/24	394.77	34.36	360.41	ND
	9/30/24	394.77	34.36	360.41	ND
	10/31/24	394.77	34.36	360.41	ND
	11/30/24	394.77	34.36	360.41	ND
	12/31/24	394.77	34.36	360.41	ND
	1/31/25	394.77	34.36	360.41	ND
	2/28/25	394.77	34.36	360.41	ND
	3/31/25	394.77	34.36	360.41	ND
	4/30/25	394.77	34.36	360.41	ND
	5/31/25	394.77	34.36	360.41	ND
	6/30/25	394.77	34.36	360.41	ND
	7/31/25	394.77	34.36	360.41	ND
	8/31/25	394.77	34.36	360.41	ND
	9/30/25	394.77	34.36	360.41	ND
	10/31/25	394.77	34.36	360.41	ND
	11/30/25	394.77	34.36	360.41	ND
	12/31/25	394.77	34.36	360.41	ND
	1/31/26	394.77	34.36	360.41	ND
	2/28/26	394.77	34.36	360.41	ND
	3/31/26	394.77	34.36	360.41	ND
	4/30/26	394.77	34.36	360.41	ND
	5/31/26	394.77	34.36	360.41	ND
	6/30/26	394.77	34.36	360.41	ND
	7/31/26	394.77	34.36	360.41	ND
	8/31/26	394.77	34.36	360.41	ND
	9/30/26	394.77	34.36	360.41	ND
	10/31/26	394.77	34.36	360.41	ND
	11/30/26	394.77	34.36	360.41	ND
	12/31/26	394.77	34.36	360.41	ND
	1/31/27	394.77	34.36	360.41	ND
	2/28/27	394.77	34.36	360.41	ND
	3/31/27	394.77	34.36	360.41	ND
	4/30/27	394.77	34.36	360.41	ND
	5/31/27	394.77	34.36	360.41	ND
	6/30/27	394.77	34.36	360.41	ND
	7/31/27	394.77	34.36	360.41	ND
	8/31/27	394.77	34.36	360.41	ND
	9/30/27	394.77	34.36	360.41	ND
	10/31/27	394.77	34.36	360.41	ND
	11/30/27	394.77	34.36	360.41	ND
	12/31/27	394.77	34.36	360.41	ND
	1/31/28	394.77	34.36	360.41	ND
	2/28/28	394.77	34.36	360.41	ND
	3/31/28	394.77	34.36	360.41	ND
	4/30/28	394.77	34.36	360.41	ND
	5/31/28	394.77	34.36	360.41	ND
	6/30/28	394.77	34.36	360.41	ND
	7/31/28	394.77	34.36	360.41	ND
	8/31/28	394.77	34.36	360.41	ND
	9/30/28	394.77	34.36	360.41	ND
	10/31/28	394.77	34.36	360.41	ND
	11/30/28	394.77	34.36	360.41	ND
	12/31/28	394.77	34.36	360.41	ND
	1/31/29	394.77	34.36	360.41	ND
	2/28/29	394.77	34.36	360.41	ND
	3/31/29	394.77	34.36	360.41	ND
	4/30/29	394.77	34.36	360.41	ND
	5/31/29	394.77	34.36	360.41	ND
	6/30/29	394.77	34.36	360.41	ND
	7/31/29	394.77	34.36	360.41	ND
	8/31/29	394.77	34.36	360.41	ND
	9/30/29	394.77	34.36	360.41	ND
	10/31/29	394.77	34.36	360.41	ND
	11/30/29	394.77	34.36	360.41	ND
	12/31/29	394.77	34.36	360.41	ND
	1/31/30	394.77	34.36	360.41	ND
	2/28/30	394.77	34.36	360.41	ND
	3/31/30	394.77	34.36	360.41	ND
	4/30/30	394.77	34.36	360.41	ND
	5/31/30	394.77	34.36	360.41	ND
	6/30/30	394.77	34.36	360.41	ND
	7/31/30	394.77	34.36	360.41	ND
	8/31/30	394.77	34.36	360.41	ND
	9/30/30	394.77	34.36	360.41	ND
	10/31/30	394.77	34.36	360.41	ND
	11/30/30	394.77	34.36	360.41	ND
	12/31/30	394.77	34.36	360.41	ND
	1/31/31	394.77	34.36	360.41	ND
	2/28/31	394.77	34.36	360.41	ND
	3/31/31	394.77	34.36	360.41	ND
	4/30/31	394.77	34.36	360.41	ND
	5/31/31	394.77	34.36	360.41	ND
	6/30/31	394.77	34.36	360.41	ND
	7/31/31	394.77	34.36	360.41	ND
	8/31/31	394.77	34.36	360.41	ND
	9/30/31	394.77	34.36	360.41	ND
	10/31/31	394.77	34.36	360.41	ND
	11/30/31	394.77	34.36	360.41	ND
	12/31/31	394.77	34.36	360.41	ND
	1/31/32	394.77	34.36	360.41	ND
	2/28/32	394.77	34.36	360.41	ND
	3/31/32	394.77	34.36	360.41	ND
	4/30/32	394.77	34.36	360.41	ND
	5/31/32	394.77	34.36	360.41	ND
	6/30/32	394.77	34.36	360.41	ND
	7/31/32	394.77	34.36	360.41	ND
	8/31/32	394.77	34.36	360.41	ND
	9/30/32	394.77	34.36	360.41	ND
	10/31/32	394.77	34.36	360.41	ND
	11/30/32	394.77	34.36	360.41	ND
	12/31/32	394.77	34.36	360.41	ND
	1/31/33	394.77	34.36	360.41	ND
	2/28/33	394.77	34.36	360.41	ND
	3/31/33	394.77	34.36	360.41	ND
	4/30/33	394.77	34.36	360.41	ND
	5/31/33	394.77	34.36	360.41	ND
	6/30/33	394.77	34.36	360.41	ND
	7/31/33	394.77	34.36	360.41	ND
	8/31/33	394.77	34.36	360.41	ND
	9/30/33	394.77	34.36	360.41	ND
	10/31/33	394.77	34.36	360.41	ND
	11/30/33	394.77	34.36	360.41	ND
	12/31/33	394.77	34.36	360.41	ND
	1/31/34	394.77	34.36	360.41	ND
	2/28/34	394.77	34.36	360.41	ND
	3/31/34	394.77	34.36	360.41	ND
	4/30/34	394.77	34.36	360.41	ND
	5/31/34	394.77	34.36	360.41	ND
	6/30/34	394.77	34.36	360.41	ND
	7/31/34	394.77	34.36	360.41	ND
	8/31/34	394.77	34.36	360.41	ND
	9/30/34	394.77	34.36	360.41	ND
	10/31/34	394.77	34.36	360.41	ND
	11/30/34	394.77	34.36	360.41	ND
	12/31/34	394.77	34.36	360.41	ND
	1/31/35	394.77	34.36	360.41	ND
	2/28/35	394.77	34.36	360.41	ND
	3/31/35	394.77	34.36	360.41	ND
	4/30/35	394.77	34.36	360.41	ND
	5/31/35	394.77	34.36	360.41	ND
	6/30/35	394.77	34.36	360.41	ND
	7/31/35	394.77	34.36	360.41	ND
	8/31/35	394.77	34.36	360.41	ND
	9/30/35	394.77	34.36	360.41	ND
	10/31/35	394.77	34.36	360.41	ND
	11/30/35	394.77	34.36	360.41	ND
	12/31/35	394.77	34.36	360.41	ND
	1/31/36	394.77	34.36	360.41	ND
	2/28/36	394.77	34.36	360.41	ND
	3/31/36	394.77	34.36	360.41	ND
	4/30/36	394.77	34.36	360.41	ND
	5/31/36	394.77	34.36	360.41	ND
	6/30/36	394.77	34.36	360.41	ND
	7/31/36	394.77	34.36	360.41	ND
	8/31/36	394.77	34.36	360.41	ND
	9/30/36	394.77	34.36	360.41	ND
	10/31/36	394.77	34.36	360.41	ND
	11/30/36	394.77	34.36	360.41	ND
	12/31/36	394.77	34.36	360.41	ND
	1/31/37	394.77	34.36	360.41	ND
	2/28/37	394.77	34.36	360.41	ND
	3/31/37	394.77	34.36	360.41	ND
	4/30/37	394.77	34.36	360.41	ND
	5/31/37	394.77	34.36	360.41	ND
	6/30/37	394.77	34.36	360.41	ND
	7/31/37	394.77	34.36	360.41	ND
	8/31/37	394.77	34.36	360.41	ND
	9/30/37	394.77	34.36	360.41	ND
	10/31/37	394.77	34.36	360.41	ND
	11/30/37	394.77	34.36	360.41	ND
	12/31/37	394.77	34.36	360.41	ND
	1/31/38	394.77	34.36	360.41	ND
	2/28/38	394.77	34.36	360.41	ND
	3/31/38	394.77	34.36	360.41	ND
	4/30/38	394.77	34.36	360.41	ND
	5/31/38	394.77	34.36	360.41	ND
	6/30/38	394.77	34.36	360.41	ND
	7/31/38	394.77	34.36	360.41	ND
	8/31/38	394.77	34.36	360.41	ND
	9/30/38	394.77	34.36	360.41	ND
	10/31/38	394.77	34.36	360.41	ND
	11/30/38	394.77	34.36	360.41	ND
	12/31/38	394.77	34.36	360.41	ND
	1/31/39	394.77	34.36	360.41	ND
	2/28/39	394.77	34.36	360.41	ND
	3/31/39	394.77	34.36	360.41	ND
	4/30/39	394.77	34.36	360.41	ND
	5/31/39	394.77	34.36	360.41	ND
	6/30/39	394.77	34.36	360.41	ND
	7/31/39	394.77	34.36	360.41	ND
	8/31/39	394.77	34.36	360.41	ND
	9/30/39	394.77	34.36	360.41	ND
	10/31/39	394.77	34.36	360.41	ND
	11/30/39	394.77	34.36	360.41	ND
	12/31/39	394.77	34.36	360.41	ND
	1/31/40	394.77	34.36	360.41	ND
	2/28/40	394.77	34.36	360.41	ND
	3/31/40	394.77	34.36	360.41	ND
	4/30/40	394.77	34.36	360.41	ND
	5/31/40	394.77	34.36	360.41	ND
	6/30/40	394.77	34.36	360.41	ND
	7/31/40	394.77	34.36	360.41	ND
	8/31/40	394.77	34.36	360.41	ND
	9/30/40	394.77	34.36	360.41	ND
	10/31/40	394.77	34.36	360.41	ND
	11/30/40	394.77	34.36	360.41	ND
	12/31/40	394.77	34.36	360.41	ND
	1/31/41	394.77	34.36	360.41	ND
	2/28/41	394.77	34.36	360.41	ND
	3/31/41	394.77	34.36	360.41	ND
	4/30/41	394.77	34.36	360.41	ND
	5/31/41	394.77	34.36	360.41	ND
	6/30/41	394.77	34.36	360.41	ND
	7/31/41	394.77	34.36	360.41	ND
	8/31/41	394.77	34.36	360.41	ND
	9/30/41	394.77	34.36	360.41	ND
	10/31/41	394.77	34.36	360.41	ND
	11/30/41	394.77	34.36	360.41	ND
	12/31/41	394.77	34.36	360.41	ND
	1/31/42	394.77	34.36	360.41	ND
	2/28/42

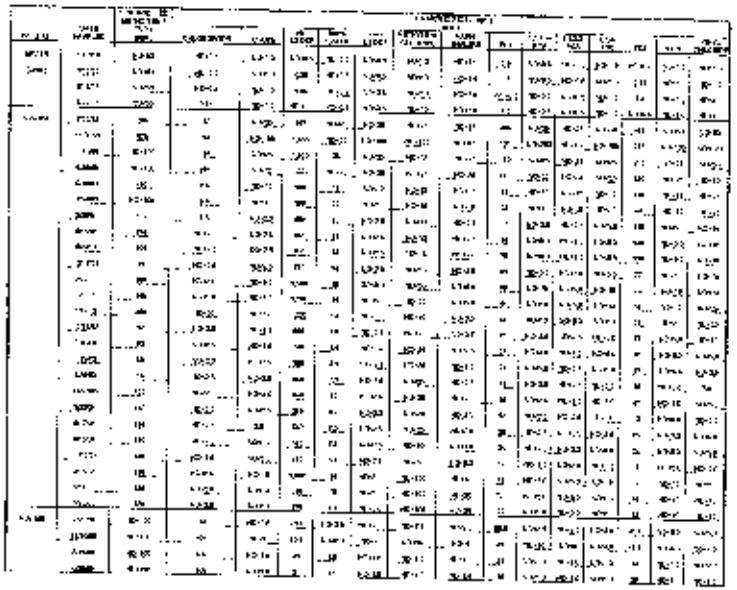


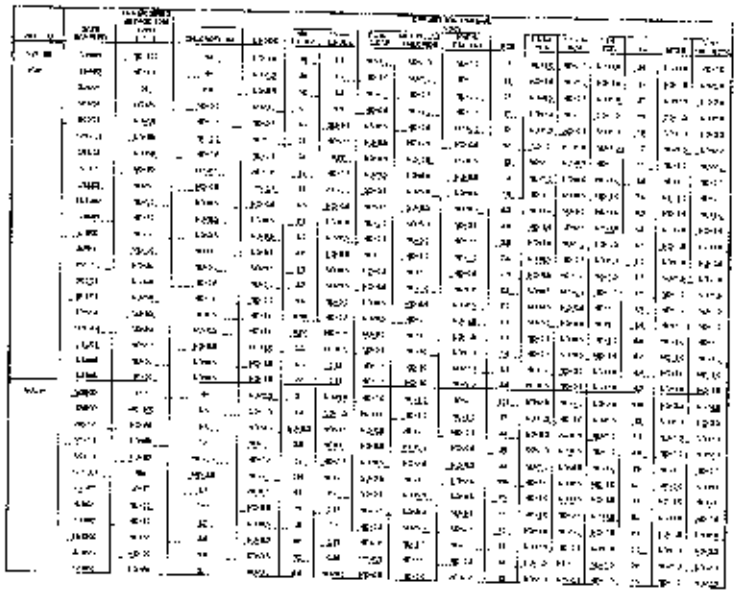


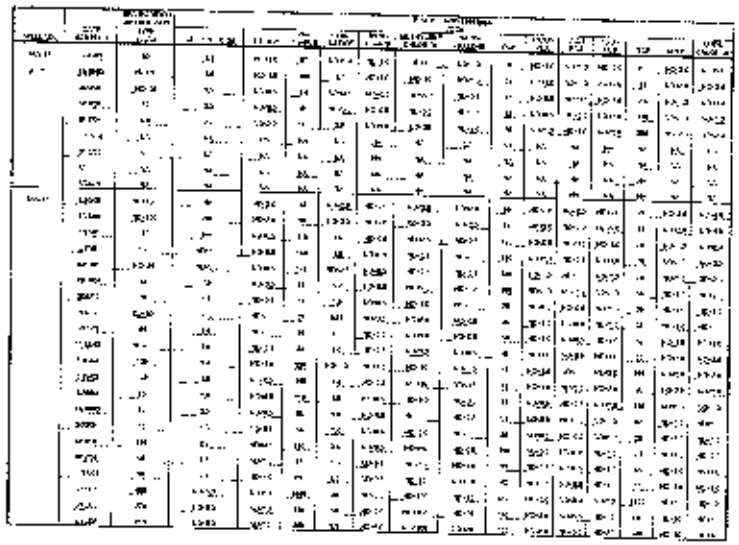


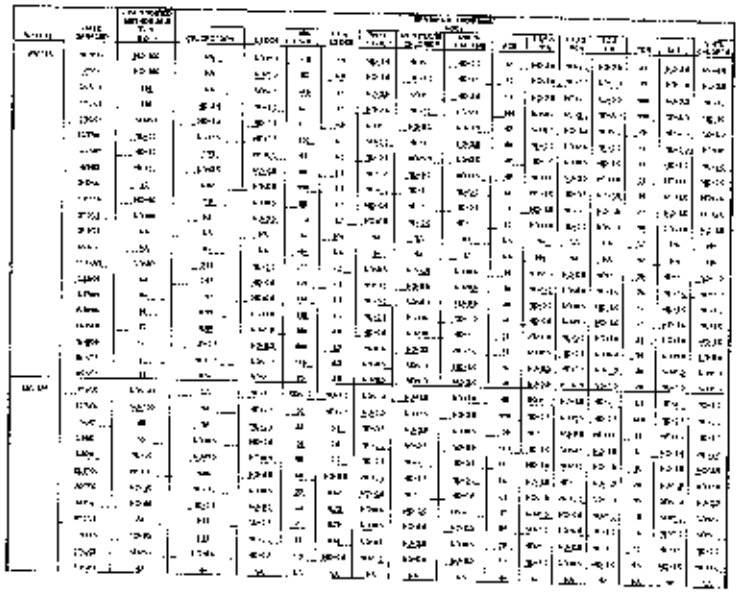


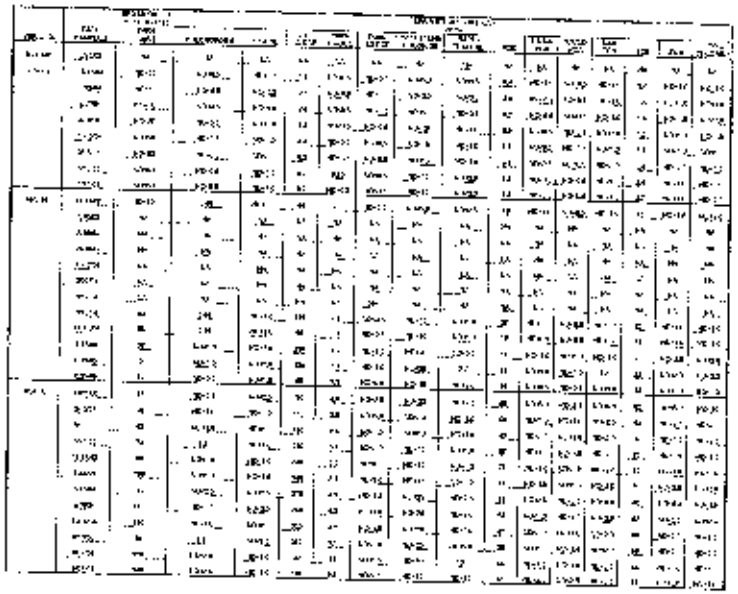


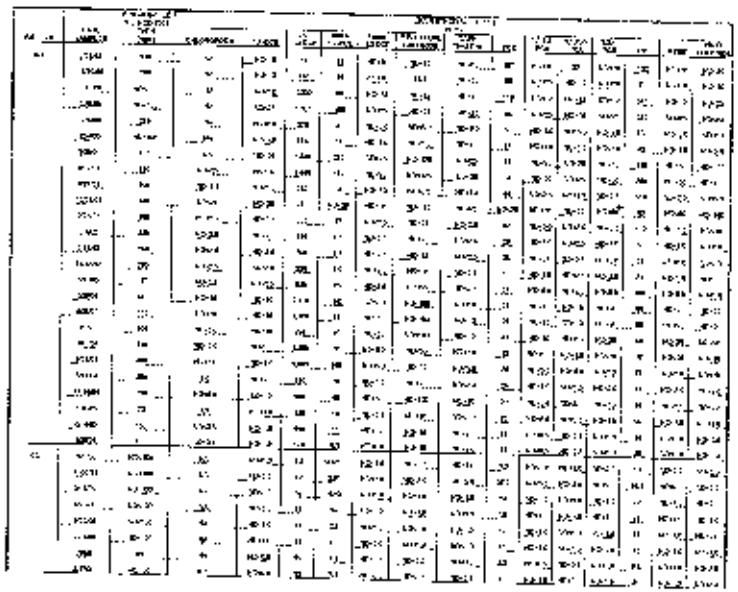


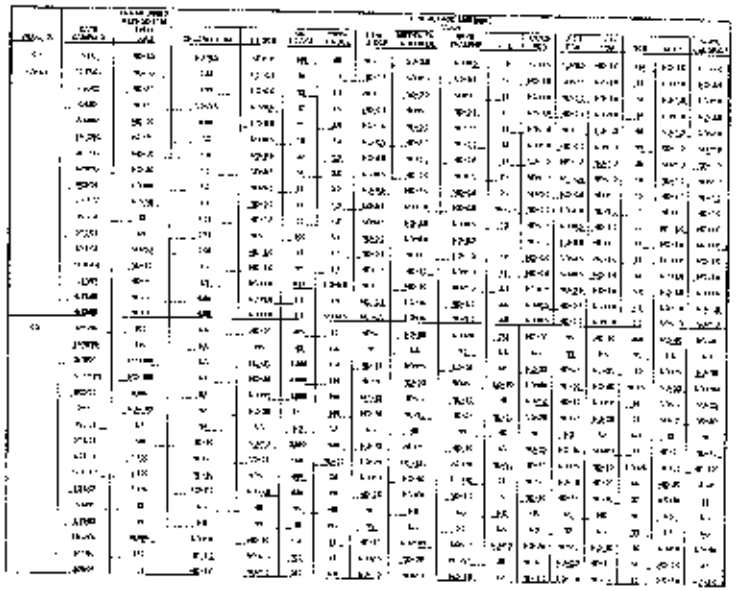


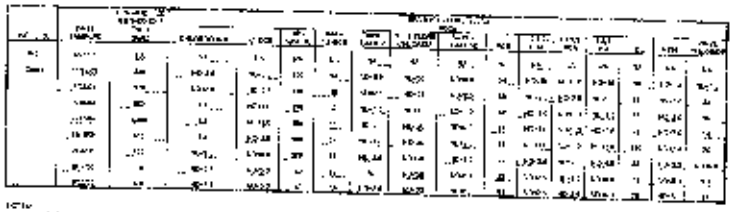












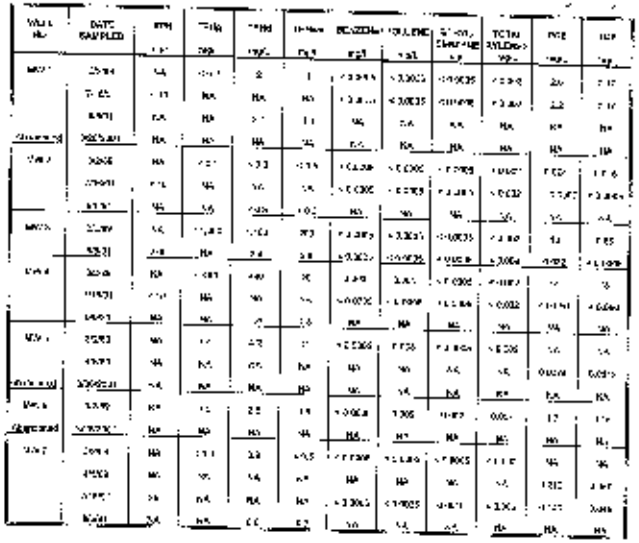


TABLE 3

HISTORICAL RESULTS OF LABORATORY ANALYSES OF GROUNDWATER SAMPLES

Former American Linen Facility
1985 Pasadena Avenue
Los Angeles, California

WELL NO.	DATE SAMPLED	DEPTH (ft bgs)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	BENZENE (µg/L)	TOLUENE (µg/L)	ETHYL-BENZENE (µg/L)	TOTAL XYLENES (µg/L)	MTBE (µg/L)	TCE (µg/L)
[illegible]	[illegible]	NA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
[illegible]	[illegible]	NA	[illegible]	[illegible]	[illegible]	NA	NA	NA	NA	NA	NA
	[illegible]	NA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	NA	[illegible]	NA	NA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	NA	NA	[illegible]	[illegible]	NA	NA	NA	NA	NA	NA
MW-03	[illegible]	NA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	NA	[illegible]	NA	NA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	NA	[illegible]	[illegible]	[illegible]	NA	NA	NA	NA	NA	NA
MW-04	[illegible]	NA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	NA	[illegible]	NA	NA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	NA	NA	[illegible]	[illegible]	NA	NA	NA	NA	NA	NA
MW-05	[illegible]	NA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	NA	[illegible]	NA	NA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	NA	[illegible]	[illegible]	[illegible]	NA	NA	NA	NA	NA	NA
B-	[illegible]	NA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	NA	[illegible]	4,700	NA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	NA	[illegible]	NA	NA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	NA	NA	[illegible]	[illegible]	NA	NA	NA	NA	NA	NA

TABLE 3

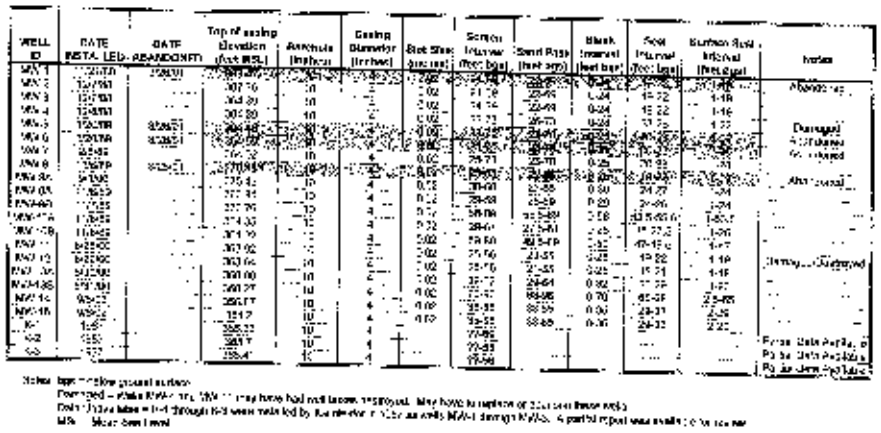
HISTORICAL GROUNDWATER LABORATORY ANALYSES OF GROUNDWATER SAMPLES

Former American Linen Facility
1985 Pasadena Avenue
Los Angeles, California

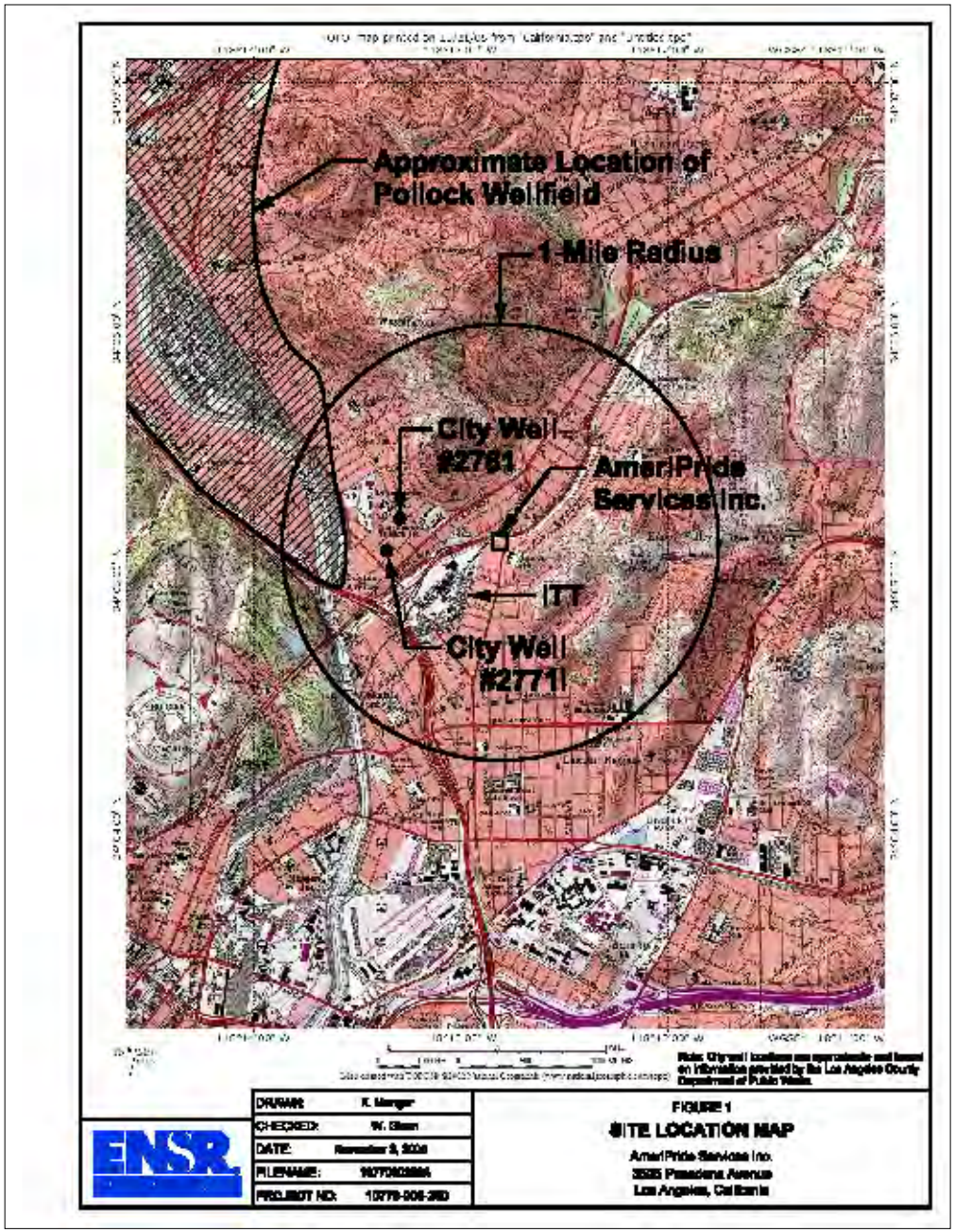
WELL NO.	DATE SAMPLED	DEPTH (ft bgs)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	BENZENE (µg/L)	TOLUENE (µg/L)	ETHYL-BENZENE (µg/L)	TOTAL XYLENES (µg/L)	MTBE (µg/L)	TCE (µg/L)
P7	3/3/94	NA	< 50.0	370	< 1.0	< 0.500	< 0.500	< 0.500	< 0.500	0.530	0.0220
	7/15/9	NA	< 0.1	NA	NA	< 0.0005	< 0.0005	< 0.0005	< 0.0005	0.0042	NA
	8/6/96	NA	NA	4.2	1.4	NA	NA	NA	NA	NA	NA

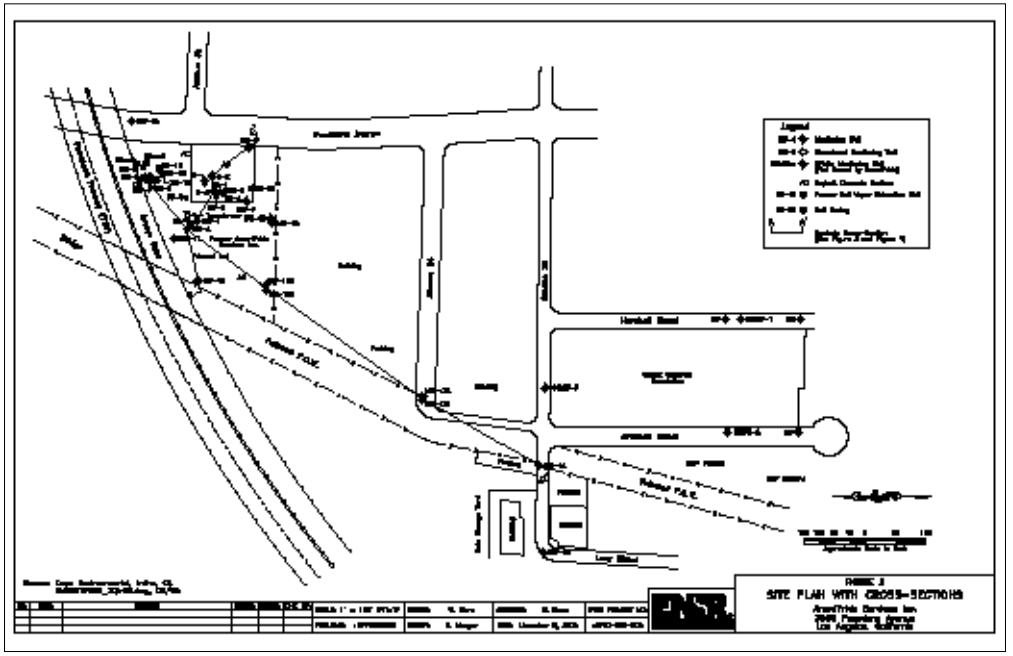
NOTES:

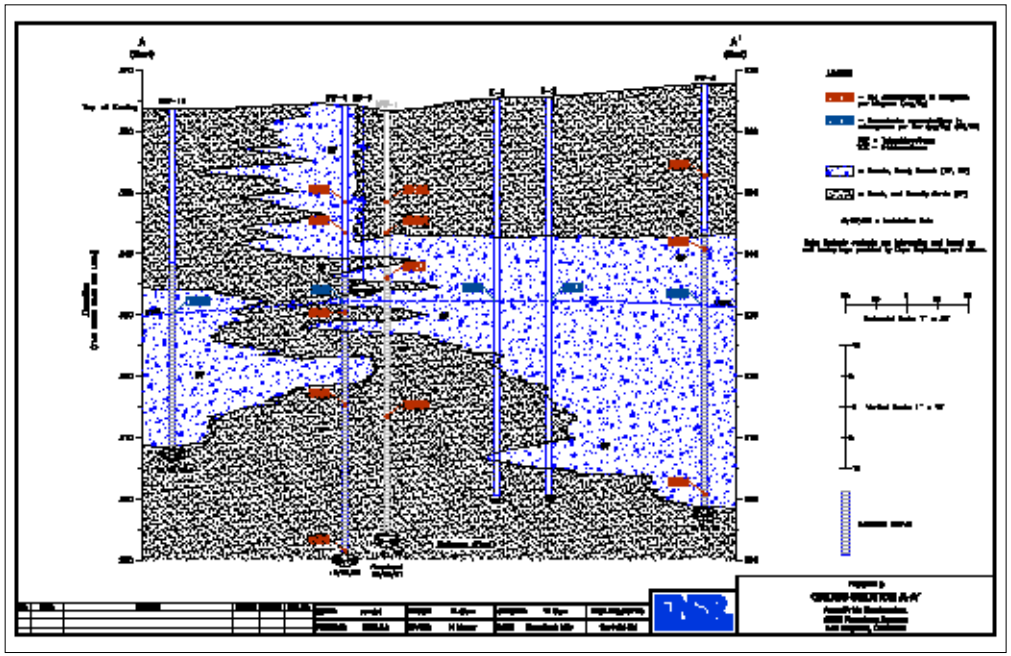
Table 3 Abbreviations (page 1)
TPHg = Total Petroleum Hydrocarbons as Gasoline
TPHd = Total Petroleum Hydrocarbons as Diesel
TPHmo = Total Petroleum Hydrocarbons as Motor Oil
TPHmo = Total Petroleum Hydrocarbons as Mineral Oil or Waste Oil
MTBE = Methyl tert-butyl ether
TCE = Trichloroethene
NA = Not analyzed

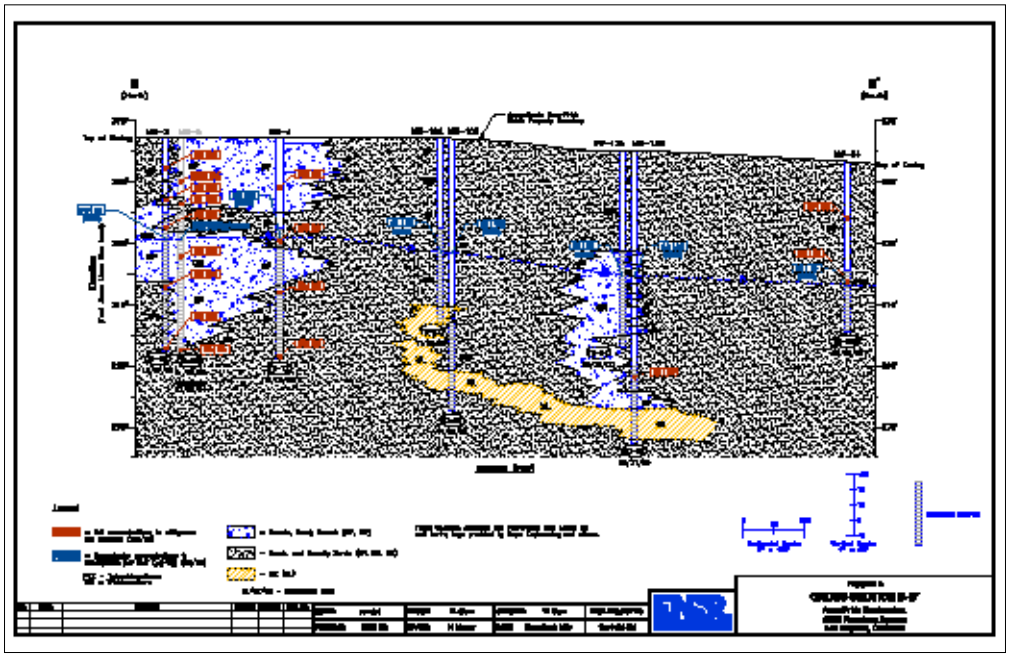


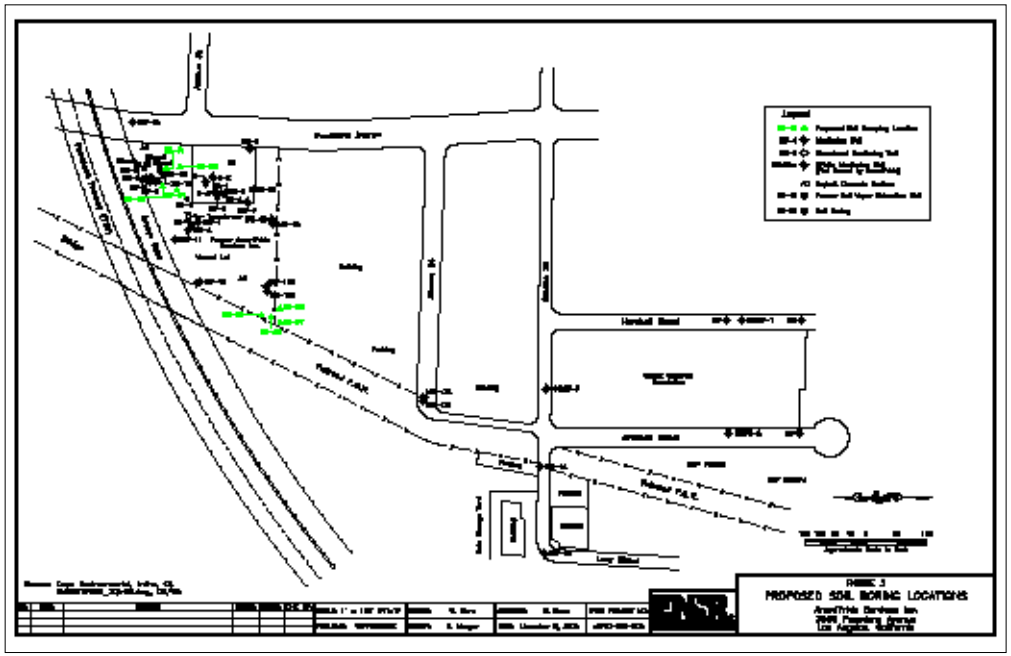
FIGURES

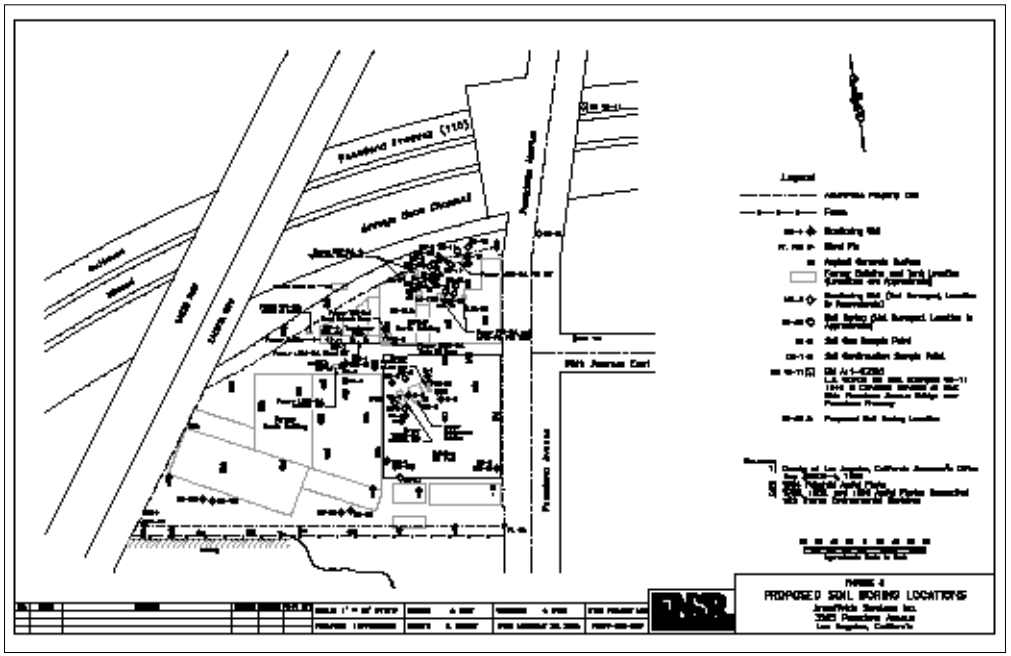

Approximate Location of Pollock Wellfield
1 Mile Radius
City Well #2761
AmeriPride Services Inc.
ITT
City Well #2771
DRAWN: K. Monger
CHECKED: W. Elson
DATE: November 3, 2008
FILENAME: 10770928MA
PROJECT NO: 10770-006-2R0
FIGURE 1
SITE LOCATION MAP
AmeriPride Services Inc.
3525 Pasadena Avenue
Los Angeles, California
ENSR

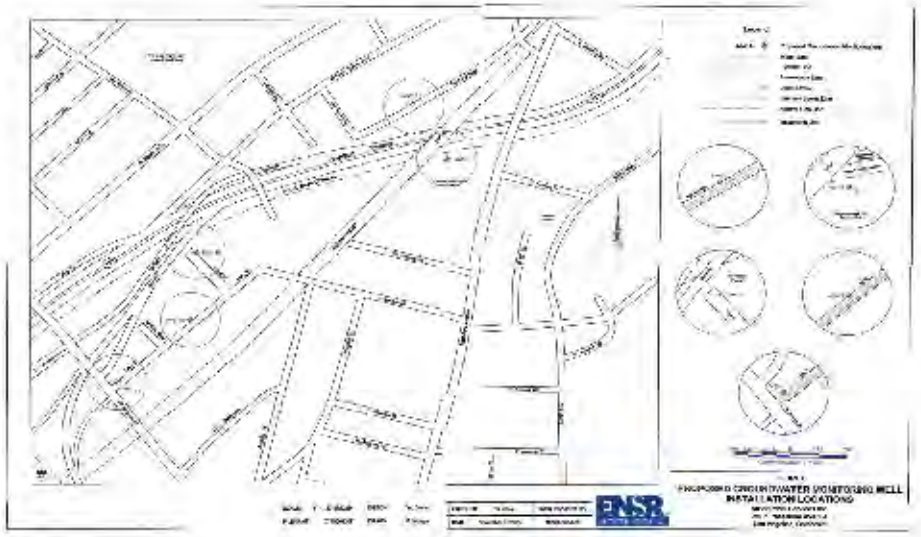

Legend
Herbert Road
Palmer Pl.
Lacy Street
ENSR



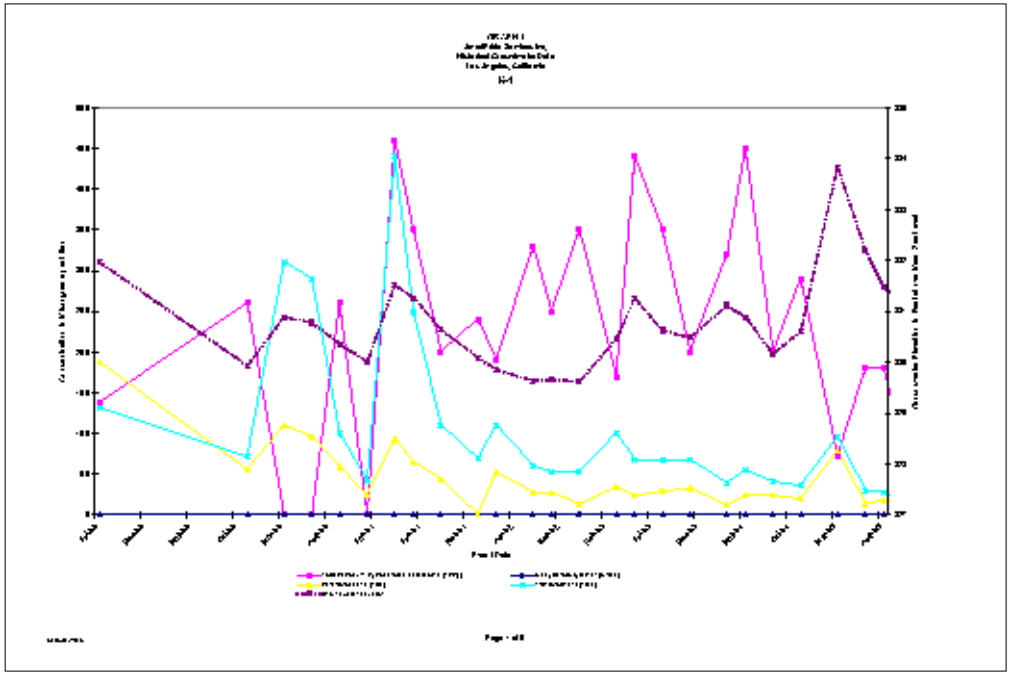


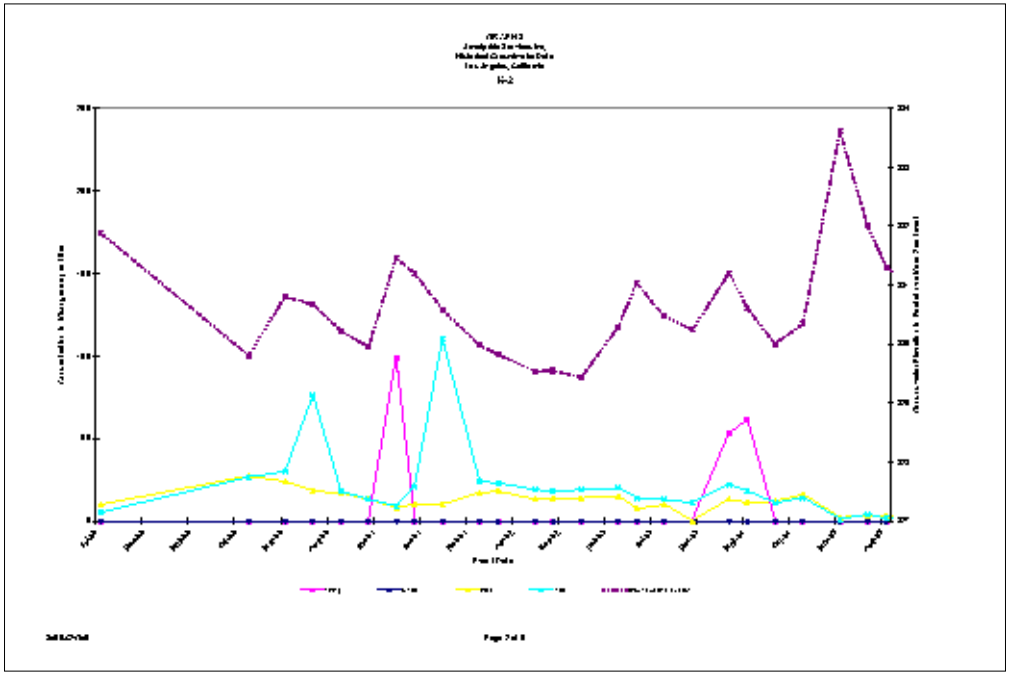

Legend
Proposed Soil Sampling Location
Mallatte Pit
Abandoned Underlying Well
Mallatte Pit
Hydraulic Concrete Surface
Proposed Soil Vapor Extraction Well
Soil Boring
Hanford Street
Railroad P.S.E.
Long Street
FIGURE 3
PROPOSED SOIL BORING LOCATIONS
ArcelMittal Services Inc.
3545 Pasadena Avenue
Los Angeles, California

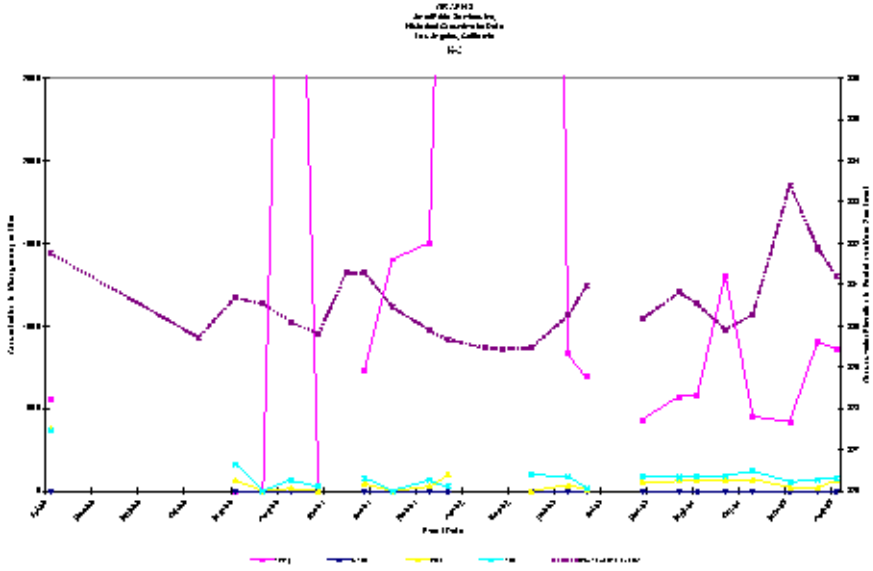

Pasadena Freeway (110)
Arroyo Seco Channel
Pasadena Avenue
Legend
Asphalt Concrete Surface
Soil Boring (Soil Sampling Location is Approximate)
Soil Vapor Sample Point
Soil Groundwater Sample Point
Proposed Soil Boring Location
FIGURE 4
PROPOSED SOIL BORING LOCATIONS
ArcelMittal Services Inc.
3545 Pasadena Avenue
Los Angeles, California

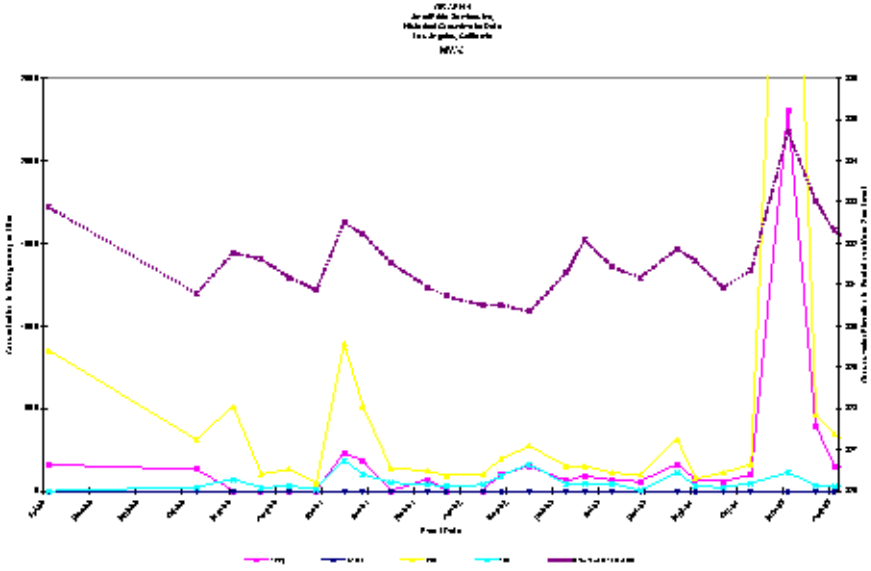


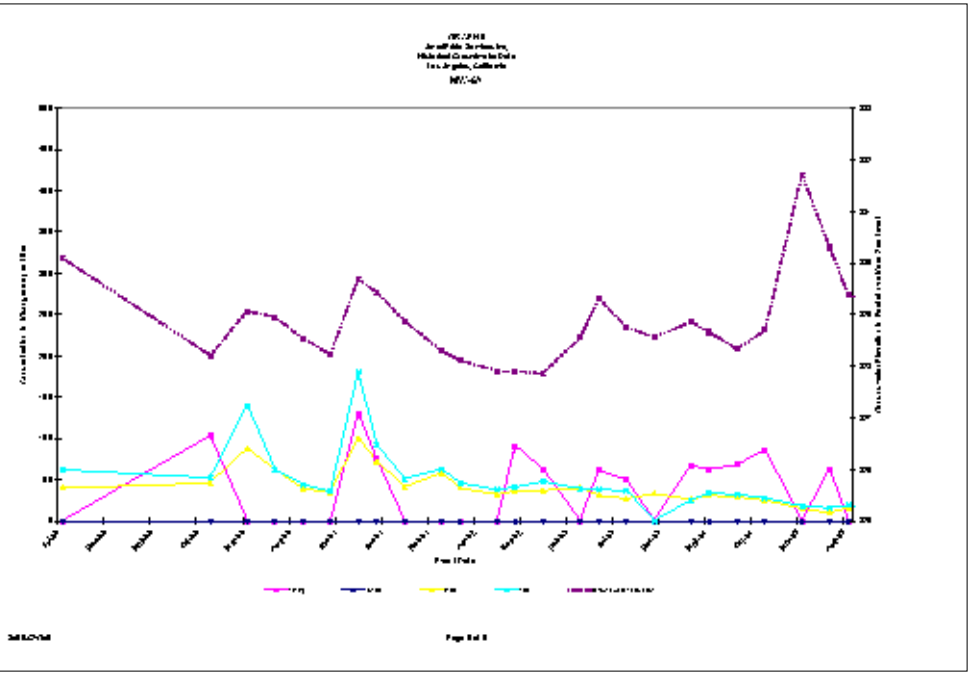
GRAPHS

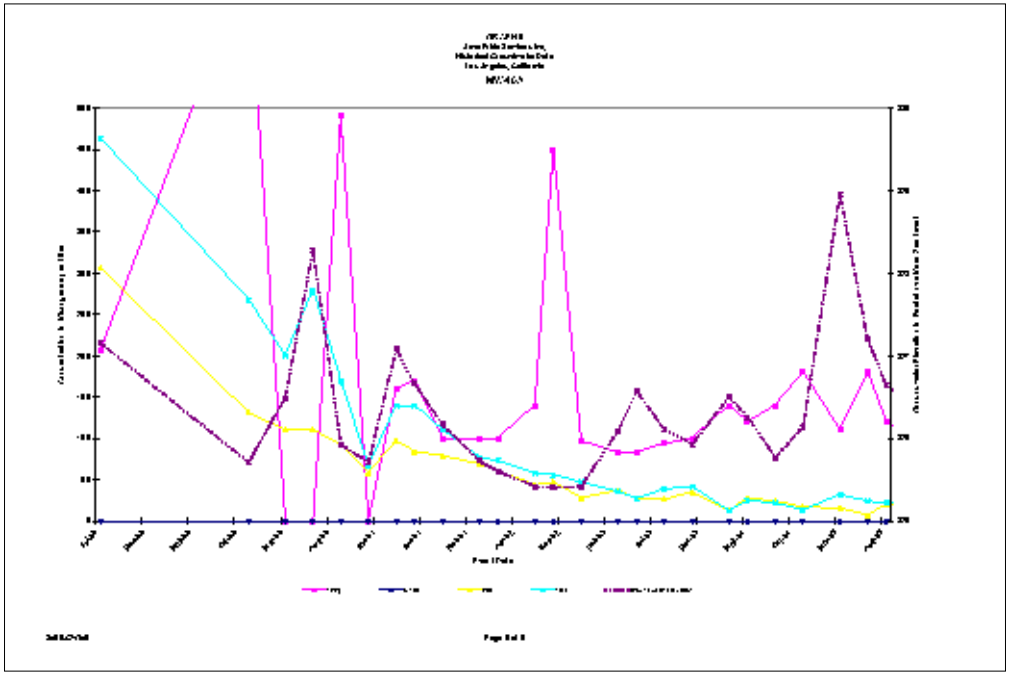


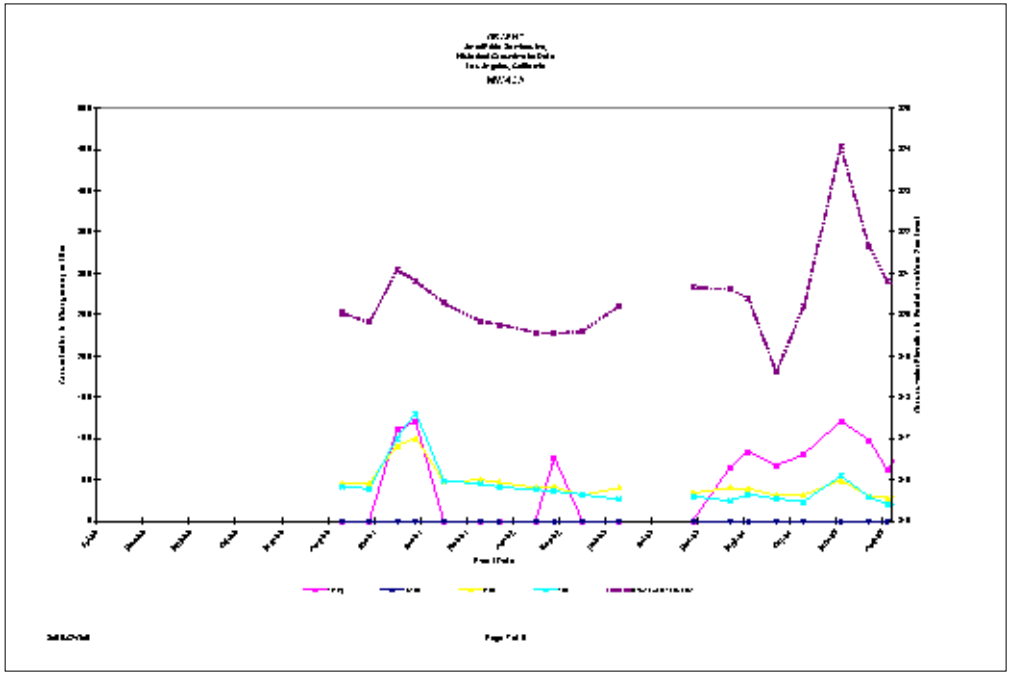


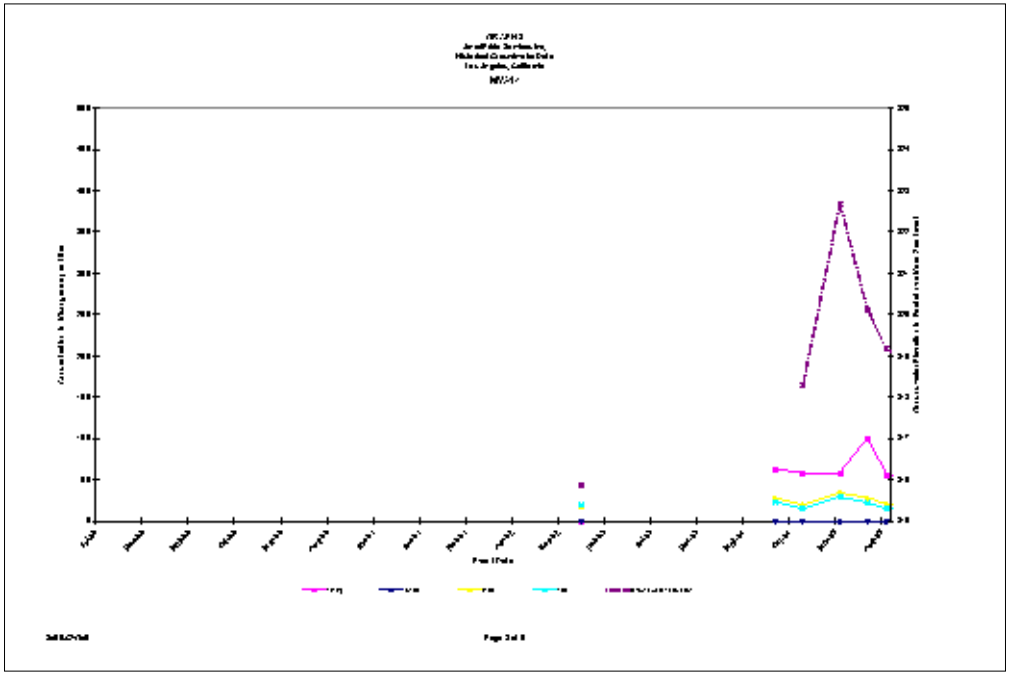


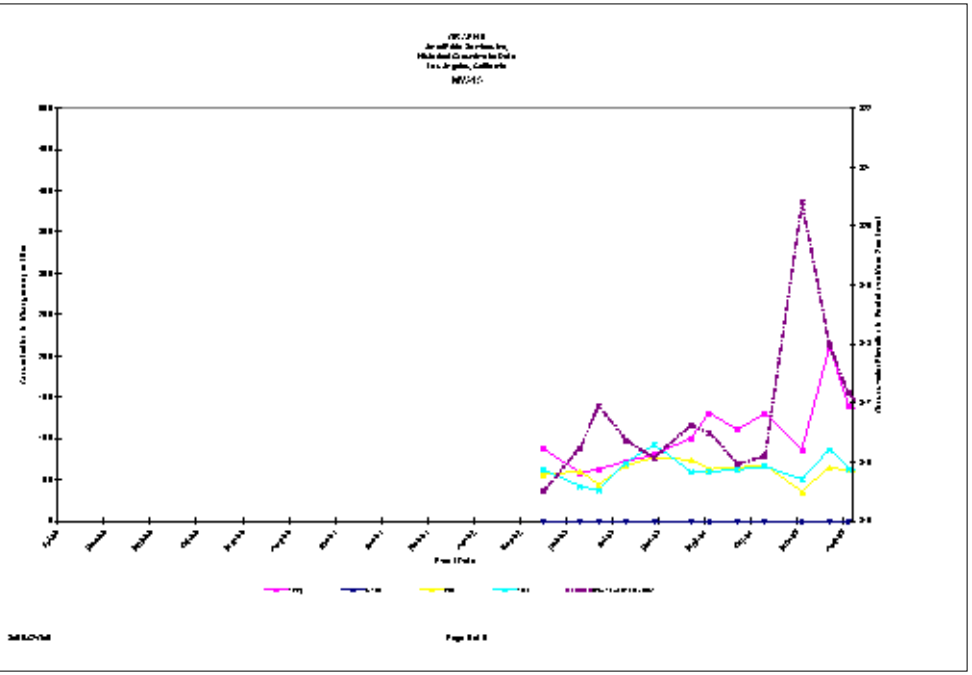












APPENDIX A
HISTORIC SOIL AND SOIL VAPOR TABLES

TABLE 2

Historical Results from Q-83 Samples,
Edgar and Pickens and Rancocas Wells
Through the Original Set

Analyte		51	81	28	89	86	87	203	888
Alkalinity, Total		15	25	12	29	15	20	11	6
Chloride, Dissolved		6.21 J+	4.81 J+	9.1 J+	5.43 J	3.4 J+	3.1 J	4.1 J+	5.44 J+
Turb. D.O. Lt.		47.1 J+	44.1 J+	47.1 J+	47.2 J+	37.2 J+	39.4 J	39.4 J+	41.2 J+
Chromium									
Trichloroethylene	by RSK Method 4500	91 J	98 J	91 J	100 J	82 J	80 J	90 J	95 J
Tetrachloroethylene	by EPA Method 8260	96 J	91 J	77 J	96 J	85 J	84 J	92 J	90 J
1,1,1-Trichloroethane	by EPA Method 8260	84 J	97 J	82 J	91 J	83 J	80 J	98	84 J
Benzene	by EPA Method 8021	85 J	92 J	90 J	92 J	80 J	88 J	92 J	80 J
Toluene	by EPA Method 5021	88 J	93 J	89 J	92 J	80 J	88 J	95 J	88 J
Ethylbenzene	by EPA 8260B 5030	90 J	85 J	88 J	93 J	85 J	91 J	84 J	88 J
Xylenes	by EPA Method 8260	85 J	88 J	80 J	82 J	90 J	10 J	10 J	89 J
Total Organic Carbon	by EPA Method 9060	90 J	99	80 J	80 J	87 J	92 J	9	80 J
Total Trihalomethanes	by EPA Method 5021	2600	blank	50 J	80 J	7400	1500	taken	91 J
Carbon Range		Lot 01	CT 025			CT-220	Lot 021	CT 032	

NOTES: ND = Not Detected at laboratory detection limit. Lot 03 A noted all delivered at a background pH; Allegheny on 5 pm.

TABLE 3

Analytical Results of Groundwater Samples
from Monitoring Wells Through 5

Well No.		1	2	3	4	5
Date Sampled		4/21/87	4/21/87	08/03/87	12/1/87	12/1/87
Analyte		M-21 J-4.5	M-21 J-11.17	M-39.5 J-7.3	M-31.9 J-5.18	M-31.9 J-5.18
Lab Lot No.		03 320 J	04 J+1	05 J+1	88 J+2.4	03 J+1
Volatiles						
Chloroethane	by the Purge and	10 J+	ND 5	ND 5	19 5	22 J+
Trichloromethane	by EPA Method 601	91 J+	ND 5	ND 5	85 5	90 J+
Trichloroethene	by EPA Method 601	88 J	ND 5	ND 5	90 5	88 J+
Tetrachloroethene	by EPA Method 601	94 J+	ND 5	ND J+	93 5	90 J+
Benzene	by EPA Method 602		10	10	10	2%
Ethylbenzene	by EPA Method 602	94 J+	ND 5	ND J+	97 5	90 J+
Toluene	by EPA Method 602	97 J	10	10% J+	88	90 J	4%
Total Xylene Isomers	by EPA Method 602	92 J+	97	ND J+	98	92 J+	9%
Total Trihalomethanes	by EPA Method 6010	90 J	ND 5	80 J	87	90 J+	9%

NOTES: ND = Not Detected at indicated detection limit. Lot 03 A noted all delivered at a background pH; Allegheny on 5 pm.

ASM Method 8010 refers to micrograms per liter or parts per billion.

EPA Method 602 measures milligrams per liter or parts per million.

NM = Not Reported.

THORNE ENVIRONMENTAL

TABLE 1

SOIL LABORATORY TEST RESULTS

EPA METHOD 8020 PURGEABLE AROMATICS (PPM)

Boring No. and Depth (feet)	EPA Method 8015 For TPH as Diesel (ppm)	Benzene	Chloro-benzene	1,2-Dichloro-benzene	1,3-Dichloro-Benzene	1,4-Dichloro-benzene	Ethyl-benzene	Toluene	Total Xylenes
SB-1-16		--	--	--	--	--	--	--	--
SB-1-28		--	--	--	--	--	--	--	--
SB-1-36		--	--	--	--	--	--	--	--
SB-2-12		--	--	--	--	--	53	28	160
SB-2-24		--	--	--	--	--	--	--	--
SB-2-30		--	--	--	--	--	--	--	--
SB-2-70		--	--	--	--	--	--	--	--
SB-3-16		--	--	--	--	--	--	--	--
SB-3-20		--	--	--	--	--	0.18	--	2.9
SB-3-34		--	--	--	--	--	0.44	--	13
SB-4-13		--	--	--	--	--	0.36	0.17	2.5
SB-4-20		--	--	--	--	--	--	--	--
SB-4-36		--	--	--	--	--	--	--	--
SB-4-38		--	--	--	--	--	--	--	--
SB-5-20		--	--	--	--	--	0.24	--	1.7
SB-5-34		--	--	--	--	--	--	--	--
SB-6-14		--	--	--	--	--	78	--	390
SB-6-30		--	--	11	--	--	2.3	2.5	18
SB-6-38		--	--	--	--	--	4	--	27
SB-7-10	830	--	--	--	--	--	--	--	--
SB-7-15		--	--	--	--	--	--	--	--
SB-7-28		--	--	--	--	--	--	--	--
SB-8-15		--	--	--	--	--	--	--	--
SB-8-30		--	--	--	--	--	--	--	--
SB-8-37		--	--	--	--	--	--	--	--
SB-8-60		--	--	--	--	--	--	--	--
SB-9-15		--	--	--	--	--	--	--	--
SB-9-27		--	--	--	--	--	--	--	--
SB-9-68		--	--	--	--	--	--	--	--
SB-10-20		--	--	--	--	--	--	--	--
SB-10-25		--	--	--	--	--	--	--	--
SB-10-29		--	--	--	--	--	--	--	--
SB-11-8									
SB-11-16									
SB-11-30									
SB-11-35		--	--	--	--	--	--	--	--
SB-13-81									
SB-12-15									
SB-12-30									
SB-12-38		--	--	--	--	--	--	--	--
SB-12-50		--	--	--	--	--	--	--	--
SB-13-30									
SB-13-36		--	--	--	--	--	--	--	--
SB-13-50									
SB-13-59									
SB-14-15									
SB-14-26		--	--	--	--	--	--	--	--
SB-14-38									
SB-15-13									
SB-15-24		--	--	--	--	--	--	--	37
SB-15-50									
SB-16-18									
SB-16-26		--	--	--	--	--	--	--	180
SB-16-30									
SB-17-13									
SB-17-30	--								
SB-17-16	740	--	--	--	--	--	--	--	1.7
SB-17-60									
SB-17-73									
SB-18-9									
SB-18-17		--	--	--	--	--	--	--	--
SB-18-25		--	--	--	--	--	--	--	--
SB-18-29		--	--	--	--	--	--	--	--
SB-19-15		--	--	--	--	--	--	--	--

TBI-1021
LD3

TABLE 1 (CONTINUED)

SOIL LABORATORY TEST RESULTS

EPA METHOD 8020 PURGEABLE AROMATICS (PPM)

Boring No. and Depth (feet)	EPA Method 8015 For TPH as Diesel (ppm)	Benzene	Chloro-benzene	1,2-Dichloro-benzene	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Ethyl-benzene	Toluene	Total Xylenes
SB-19-24		--	--	--	--	--	--	--	--
SB-19-28		--	--	--	--	--	--	--	--
SB-19-33		--	--	--	--	--	--	--	--
SB-20-25		--	--	--	--	--	--	--	--
SB-20-40		--	--	--	--	--	--	--	--
SB-20-70		--	--	--	--	--	--	--	--
SB-21-15		--	--	--	--	--	--	--	--
SB-21-24		--	--	--	--	--	--	--	--
SB-21-30		--	--	--	--	--	--	--	--
SB-21-36		--	--	--	--	--	--	--	--
SB-21-70		--	--	--	--	--	--	--	--
SB-22-9,11,23	--								
SB-22-60,70	--								
SB-23-8	27, 450 (LEAD)	--	--	--	--	--	--	--	--
SB-23-30	9, 2 (LEAD)	--	--	--	--	--	--	--	--
SB-23-38	20								
SB-23-29	--								
C2	100								
SB-1A		--	--	--	--	--	--	--	--
SB-2A		--	--	--	--	--	--	--	--
B1		--	--	--	--	--	--	--	--

-- = Not Detected

TPH = Total Petroleum Hydrocarbons

C2 = Sample from beneath Clarifier Excavation

SB-1A,2A = Samples from beneath Tetrachloroethene tanks

B1 = Sample from beneath brine pit

TBI-1021
LD3

THORNE ENVIRONMENTAL

TABLE 2

SOIL LABORATORY TEST RESULTS

Boring No. and Depth (feet)	EPA METHOD 8015 FOR GASOLINE AND DIESEL (ppm)		EPA METHOD 8010 PURGEABLE HALOCARBONS* (ppm)					
	Gasoline	Diesel	Tetrachloroethene	1,2-Dichlorobenzene	1,2-Dichloroethane	Trichloroethene	1,1,1-Trichloroethane	Trichlorofluoromethane
SB-1-15	--	--						
SB-1-25	--	--						
SB-1-35	6000	--						
SB-2-15	--	--						
SB-2-24	--	--						
SB-2-30	--	--						
SB-2-39	--	--						
SB-3-15	1400	--						
SB-3-20	140	--						
SB-3-34	140	--						
SB-4-15	--	--						
SB-4-30	--	--						
SB-4-35	--	--						
SB-4-40	110	--						
SB-4-10	13	--						
SB-5-34	3800	--						
SB-6-14	--	--						
SB-6-30	--	--						
SB-6-55	--	--						
SB-7-10								
SB-7-15	--	2800	44	--	--	1	--	
SB-7-29	--	3800	430	--	0.12	80	--	--
SB-8-15	--	--	0.011	--	--	--	--	--
SB-8-20	--	--	0.006	--	--	--	--	--
SB-8-27	--	22mb	27	--	--	1.1	--	--
SB-8-30			0.048	--	--	--	--	--
SB-9-25	--	--						
SB-9-27	--	--	--	--	--	--	--	--
SB-9-68	--	--	--	--	--	--	--	--
SB-10-20			0.31	--	--	--	--	--
SB-10-25			0.10	--	--	--	--	--
SB-10-35			--	--	--	--	--	--
SB-11-9			15	--	--	--	--	--
SB-11-15			2.5	--	--	--	--	--
SB-11-20			0.22	--	--	--	--	--
SB-11-26			2.6	--	--	--	--	--
SB-11-33			25	--	--	--	--	--
SB-12-15			--	--	--	--	--	--
SB-12-20			--	--	--	--	--	--
SB-12-30			--	--	--	--	--	--
SB-13-10			7.9	--	0.11	--	0.14	--
SB-13-20			700	--	--	--	--	--
SB-13-30			110	--	--	--	--	--
SB-15-60			--	--	--	--	--	--
SB-14-15			--	--	--	--	--	--
SB-14-25			430	--	--	--	--	--
SB-14-30			110	--	--	--	--	--
SB-15-15			61	--	--	1.9	--	--
SB-15-25			1500	--	--	--	--	--
SB-15-30			980	--	--	2.7	--	--
SB-16-10			2050	--	--	5.5	--	--
SB-16-15			460	--	--	11	--	--
SB-16-25			250	--	--	38	--	--
SB-16-29			1800	--	--	52	--	--
SB-27-15			--	--	--	--	--	--
SB-17-20								
SB-17-25			1	--	--	--	--	--
SB-17-29			--	--	--	--	--	--
SB-17-35			--	--	--	--	--	--
SB-18-9			9.3	--	--	--	--	--
SB-18-17			69	--	--	0.009	--	0.007
SB-18-25			110	--	0.33	4	--	--

TB2-1021
LDS

THORNE ENVIRONMENTAL

TABLE 2 (CONTINUED)

SOIL LABORATORY TEST RESULTS

Boring No. and Depth (feet)	EPA METHOD 8015 FOR GASOLINE AND DIESEL (ppm)		EPA METHOD 8010 PURGEABLE HALOCARBONS* (ppm)					
	Gasoline	Diesel	Tetrachloroethane	1,2-Dichlorobenzene	1,2-Dichloroethane	Trichloroethene	1,1,1-Trichloroethane	Trichlorofluoromethane
SB-19-29			14	--	1	4.5	--	--
SB-19-18			418	--	--	--	--	--
SB-19-24			1300	--	--	--	--	--
SB-19-29			58000	--	--	--	--	--
SB-20-13			1100	--	--	--	--	--
SB-20-28			34	--	--	5	--	--
SB-20-40			--	--	--	--	--	--
SB-20-70			--	--	--	--	--	--
SB-21-15			1300	--	--	--	--	--
SB-21-24			450	--	--	--	--	--
SB-21-30			2100	--	--	--	--	--
SB-21-39			--	--	--	4.1	--	--
SB-21-70			--	--	--	--	--	--
SB-22-9,15,22			--	--	--	--	--	--
SB-22-40,70			--	--	--	--	--	--
SB-23-8			--	--	--	--	--	--
SB-23-20			--	--	--	--	--	0.016
SB-23-16			--	--	--	--	--	--
SB-23-25								
C2			0.130	--	--	--	--	--
SB-1A	130		27	--	--	--	--	--
SB-2A	12		1.7	--	--	--	--	--
B1			0.20	--	--	--	--	--

-- = Not Detected

TPH = Total Petroleum Hydrocarbons

C2 = Sample from beneath Clarifier Excavation

SB-1A,2A = Samples from beneath tetrachloroethene tank excavation

B1 = Sample from beneath brine pit excavation

* All purgeable halocarbons not detected in any of the tested samples are not listed.

SB-23-1 and 30 feet tested non-detected for PCBs by EPA Method 8080.

TB1-1021
LDS

TABLE 2

SOIL TEST RESULTS

Monitoring Well	Depth	EPA METHOD 8015 (mg/kg) Gasoline	Mineral Spirits	Kerosene	Diesel Fuel	Heavy Hydrocarbons	EPA METHOD 8010/8020 (ug/kg) Toluene
MW-8 @	25.5	ND	ND	ND	ND	ND	ND
MW-9A @	10	ND	ND	ND	ND	ND	ND
	15	ND	ND	ND	ND	ND	ND
	20	ND	ND	ND	ND	ND	ND
	30	ND	ND	ND	ND	ND	ND
	39	ND	ND	ND	ND	ND	ND
MW-9B @	35	ND	ND	ND	ND	ND	ND
MW-10A @	10	ND	ND	ND	ND	ND	1.1
	60	NA	NA	NA	NA	NA	ND
Detection Limit		10	10	10	10	100	ND 1

ND = Not Detected

NA = Not Analyzed

Constituents not selected in any of the samples tested are not listed.

1E-1031.THR

TABLE 4

FREE PRODUCT REMOVAL DATA

Monitoring Well	Date	Measured Free Product Thickness (inches)	Amount of Free Product Removed (gallons)	Total Removed (gallons)
MW-1	8/16/89	0.30	1.0	1
	8/29/89	0.36	0.50	1.50
	9/6/89	<0.10	0.50	2.00
	9/15/89	<0.10	0.50	2.50
	9/21/89	<0.10	0.50	3.00
	10/2/89	<0.10	0.50	3.50
	10/26/89	0.25	7.0	10.50
	3/6/90	2.0	0.50	11.00
	3/27/90	0.20	6.0	17.00
MW-3	8/16/89	0.80	2.0	2.0
	8/29/89	2.40	2.0	4.0
	9/6/89	1.15	2.5	6.5
	9/15/89	2.20	4.0	10.5
	9/21/89	2.00	3.0	13.5
	10/2/89	2.40	3.0	16.5
	10/26/89	2.00	7.0	23.5
	3/6/90	NA	NA	23.5
	3/27/90	NA	NA	23.5
MW-4	8/16/89	1.90	3.0	3.0
	8/29/89	3.60	3.0	6.0
	9/6/89	2.00	1.5	7.5
	9/15/89	2.20	5.0	12.5
	9/21/89	2.00	4.0	16.5
	10/2/89	2.40	3.0	19.5
	10/26/89	2.00	7.0	26.5
	3/6/90	5.00	3.0	29.5
	3/27/90	1.50	14.0	43.5
MW-5	8/16/89	<0.10	0.50	0.5
	8/29/89	<0.10	0.50	1.0
	9/6/89	<0.10	0.25	1.25
	9/15/89	<0.10	0.50	1.75
	9/21/89	<0.10	0.50	2.25
	10/2/89	<0.10	0.50	2.75
	10/26/89	0	0	2.75
	3/6/90	0	0	2.75
	3/27/90	0	0	2.27

1E-1021.TBL

TABLE 4 (Continued)

FREE PRODUCT REMOVAL DATA

Monitoring Well	Date	Measured Free Product Thickness (inches)	Amount of Free Product Removed (gallons)	Total Removed (gallons)
MW-6	8/16/89	2.25	2.5	2.5
	8/29/89	1.92	2.5	5.0
	9/6/89	0.40	1.0	6.0
	9/15/89	0.10	0.50	6.5
	9/21/89	0.50	1.0	7.5
	10/2/89	0.30	0.50	8.0
	10/26/89	5.00	7.00	15.0
	3/6/90	9.50	3.0	18.0
	3/27/90	1.50	9.0	27.00
MW-7	8/16/89	0	0	0
	8/29/89	0	0	0
	9/6/89	0.45	0.50	0.50
	9/15/89	0.30	0.50	1.00
	9/21/89	0.25	0.75	1.75
	10/2/89	<0.10	0.25	2.00
	10/26/89	0.25	5.00	7.00
	3/6/90	0.70	1.50	8.50
	3/27/90	0.50	4.00	12.50
K-1	8/16/89	5.10	10.0	10.0
	8/29/89	3.60	1.0	11.0
	9/6/89	1.80	0.5	11.5
	9/15/89	2.70	2.5	13.0
	9/21/89	1.25	2.0	15.0
	10/2/89	3.10	0.75	15.75
	10/26/89	8.0	7.0	22.75
	3/6/90	3.6	0.5	23.25
	3/27/90	1.0	0.5	23.75
K-2	8/16/89	0.70	0.50	0.50
	8/29/89	1.20	0.50	1.0
	9/6/89	0.90	0.50	1.5
	9/15/89	1.00	0.50	2.0
	9/21/89	0.90	0.50	2.5
	10/2/89	0.80	0.50	3.0
	10/26/89	1.0	7.0	10.0
	3/6/90	<0.10	0.25	10.25
	3/27/90	0	0	10.25
Total Free Product Removed				160.25 G.

NA = Not Accessible

Wells not listed did not contain any free product during the removal time period.

1E-1021.TBL

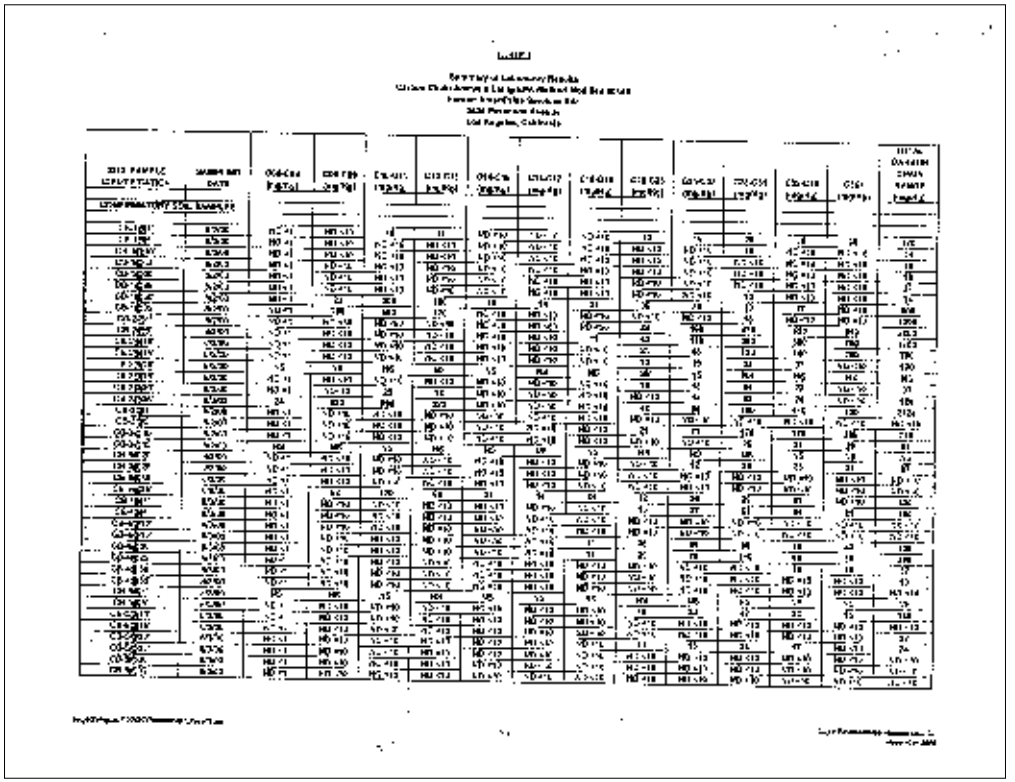
TABLE 3

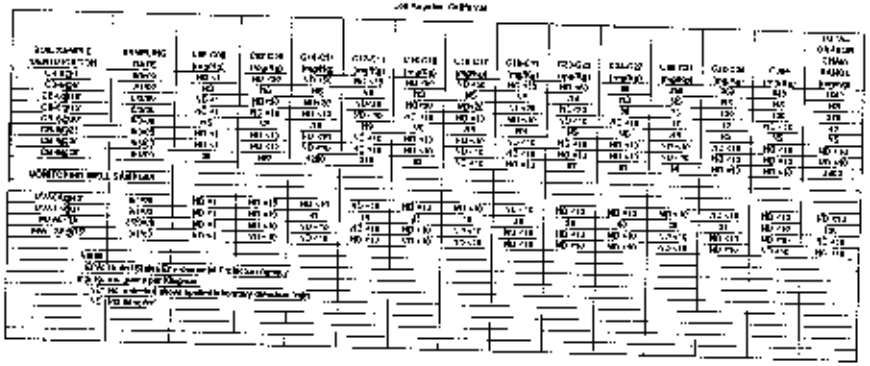
RESULTS OF LABORATORY ANALYSES OF SOIL SAMPLES
Former American Linen Facility
3565 Pasadena Avenue
Los Angeles, California

SAMPLE NO.	DATE SAMPLED	TPH-g (mg/kg)	TPH-d (mg/kg)	TPH-mo (mg/kg)	DCM (mg/kg)	PCE (mg/kg)
SB 28-20'	8/13/91	< 100	400	< 10	NA	NA
SB 28-25'	8/13/91	< 100	400	< 10	0.1	< 0.1
SB 28-33'	8/13/91	< 100	350	< 10	0.11	< 0.1
SB 29-10'	8/20/91	< 0.2	< 10	33	< 0.004	< 0.002
SB 29-30'	8/20/91	< 0.2	11	53	< 0.4	< 0.2
SB 30-5'	8/6/91	NA	10	53	< 0.002	0.023
SB 30-15'	8/6/91	NA	23	125	< 0.002	0.022
SB 30-30'	8/6/91	NA	12	62	< 0.002	0.014

NOTES:

TPH-g: Total petroleum hydrocarbons as gasoline
TPH-d: Total petroleum hydrocarbons as diesel
TPH-mo: Total petroleum hydrocarbons as motor oil
DCM: Dichloromethane
PCE: Tetrachloroethene
<: Results less than the stated detection limit
NA: Not Analyzed
mg/kg: Milligrams per kilogram





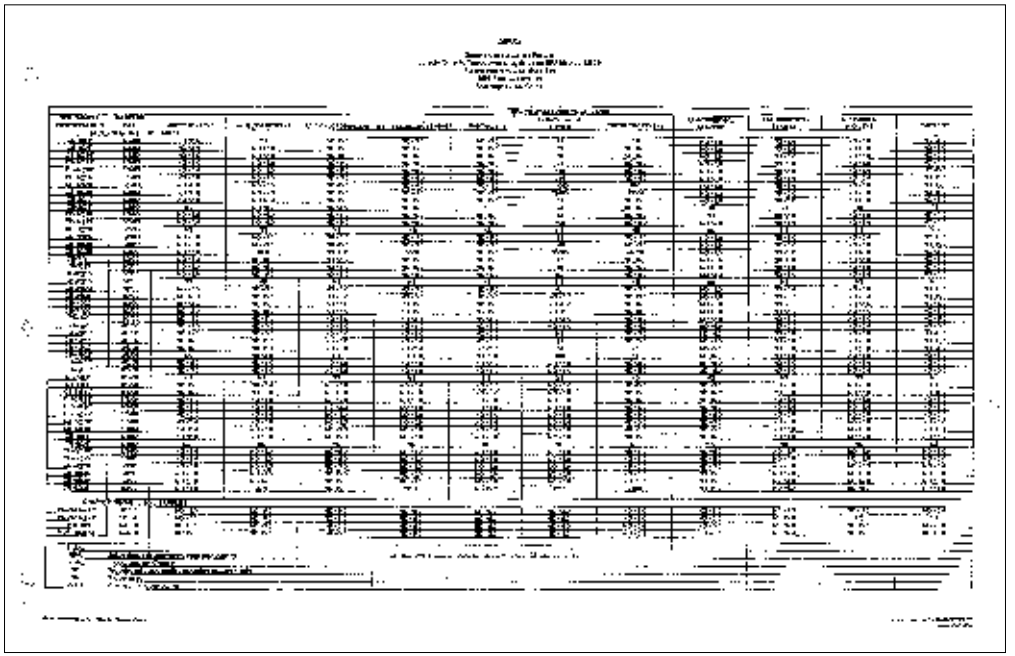


TABLE 1

SOIL GAS SURVEY RESULTS
Former Welch's Uniform Facility
3505 Pasadena Avenue
Los Angeles, California

Soil Gas Point	Date Analyzed	Depth of Probe	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	MTBE (µg/L)	Other Compounds (µg/L)
SV-1-10	11/27/01	10'	ND<1	ND<1	ND<1	ND<1	ND<1
SV-2-10	11/27/01	10'	ND<1	ND<1	ND<1	ND<1	ND<1
SV-3-10	11/27/01	10'	ND<1	ND<1	ND<1	ND<1	ND<1
SV-4-10	11/27/01	10'	ND<1	ND<1	ND<1	ND<1	ND<1
SV-5-10	11/27/01	10'	ND<1	ND<1	ND<1	ND<1	ND<1
SV-6-8	11/27/01	8'	ND<1	ND<1	ND<1	ND<1	ND<1
SV-7-10	11/27/01	10'	ND<1	ND<1	ND<1	ND<1	ND<1
SV-8-8	11/27/01	8'	ND<1	ND<1	ND<1	ND<1	ND<1
SV-9-10	11/27/01	10'	ND<1	ND<1	ND<1	ND<1	ND<1
SV-10-10	11/28/01	10'	260	16.3	ND<1	ND<1	ND<1
SV-11-10	11/27/01	10'	ND<1	ND<1	ND<1	ND<1	ND<1
SV-12-8	11/27/01	8'	ND<1	ND<1	ND<1	ND<1	ND<1
SV-13-10	11/27/01	10'	ND<1	ND<1	ND<1	ND<1	ND<1
SV-14-8	11/27/01	8'	ND<1	ND<1	ND<1	ND<1	ND<1
SV-15-10	11/27/01	10'	ND<1	ND<1	ND<1	ND<1	ND<1
SV-16-10	11/27/01	10'	ND<1	ND<1	ND<1	ND<1	ND<1
SV-17-10	11/27/01	10'	ND<1	ND<1	ND<1	ND<1	ND<1
SV-18-10	11/28/01	10'	ND<1	ND<1	ND<1	ND<1	ND<1
SV-19-8	11/28/01	8'	ND<1	ND<1	ND<1	ND<1	ND<1
SV-20-8	11/28/01	8'	ND<1	ND<1	ND<1	ND<1	ND<1
SV-21-10	11/28/01	10'	ND<1	ND<1	ND<1	ND<1	ND<1
SV-22-10	11/28/01	10'	ND<1	ND<1	ND<1	ND<1	ND<1
SV-23-10	11/28/01	10'	ND<1	ND<1	ND<1	ND<1	ND<1
SV-24-8	11/28/01	8'	ND<1	1.5	ND<1	ND<1	ND<1
SV-25-10	11/28/01	10'	2.2	2.7	ND<1	ND<1	ND<1
SV-26-8	11/28/01	8'	1.1	ND<1	ND<1	ND<1	ND<1
SV-27-8	11/28/01	8'	2.1	ND<1	ND<1	ND<1	ND<1
SV-28-8	11/28/01	8'	ND<1	ND<1	ND<1	ND<1	ND<1
SV-29-10	11/28/01	10'	1.8	ND<1	ND<1	ND<1	ND<1
SV-30-10	11/28/01	10'	9.7	4.3	1.6	ND<1	ND<1

TABLE 1

SOIL GAS SURVEY RESULTS
Former Welch's Uniform Facility
3505 Pasadena Avenue
Los Angeles, California

Soil Gas Point	Date Analyzed	Depth of Probe	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	MTBE (µg/L)	Other Compounds (µg/L)
SV-31-8	11/28/01	8'	5.0	4.6	3.2	ND<1	ND<1
SV-32-8	11/28/01	8'	15	7.6	1.2	ND<1	ND<1
SV-33-10	11/28/01	10'	11	2.8	1.1	ND<1	ND<1
SV-34-10	11/28/01	10'	5.4	1.2	ND<1	ND<1	ND<1
SV-35-6	11/29/01	6'	4.1	1.1	ND<1	1.1	ND<1
SV-36-6	11/29/01	6'	11	ND<1	ND<1	ND<1	ND<1
SV-37-6	11/29/01	6'	19	2.6	ND<1	ND<1	ND<1
SV-38-6	11/29/01	6'	ND<1	ND<1	ND<1	ND<1	ND<1
SV-39-5.5	11/29/01	5.5'	22	ND<1	ND<1	ND<1	ND<1
SV-40-4	11/29/01	4'	ND<1	ND<1	ND<1	ND<1	ND<1
SV-41-5	11/29/01	5'	ND<1	ND<1	ND<1	ND<1	ND<1
SV-42-4.5	11/29/01	4.5'	ND<1	ND<1	ND<1	ND<1	ND<1
SV-43-7.5	11/29/01	7.5'	ND<1	ND<1	ND<1	ND<1	ND<1
SV-44-10	11/29/01	10'	8.8	ND<1	ND<1	ND<1	ND<1

Notes:

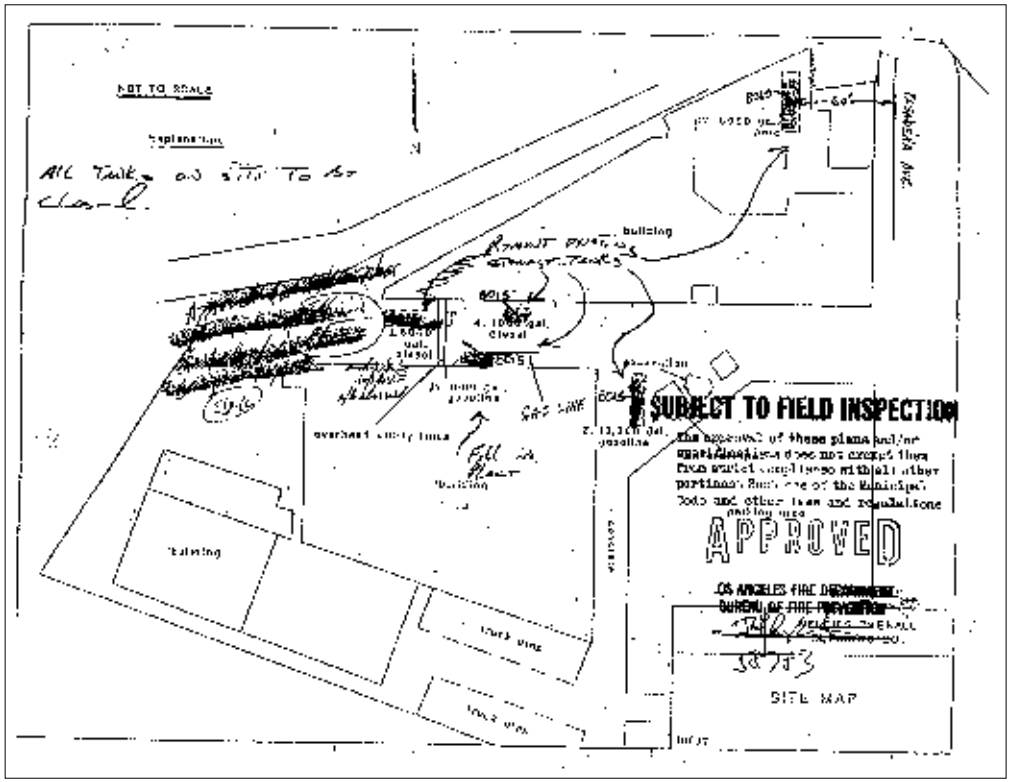
ND<1 = Not Detected above the indicated reporting limit for the particular compound in the sample

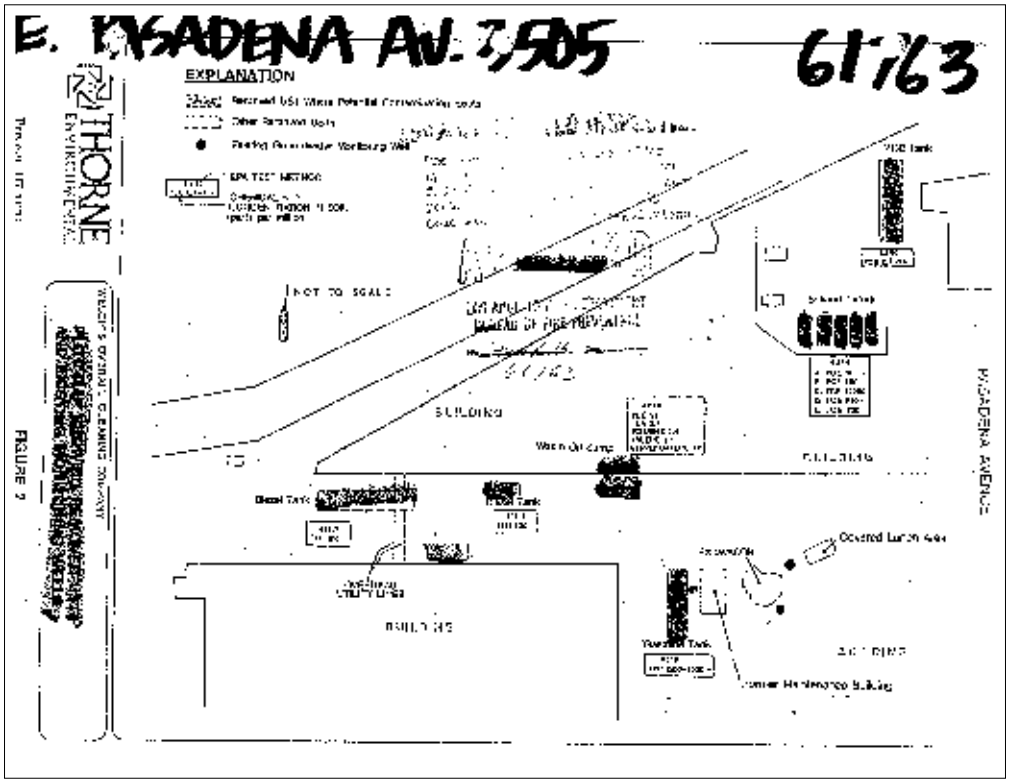
PCE = Tetrachloroethene
TCE = Trichloroethene
cis-1,2-DCE = cis-1,2-dichloroethene
MTBE = Methyl Tertiary Butyl Ether

All soil gas samples analyzed by HP Labs mobile laboratory by U.S. EPA Method 8260, see HP Labs' report for list of other compounds analyzed.

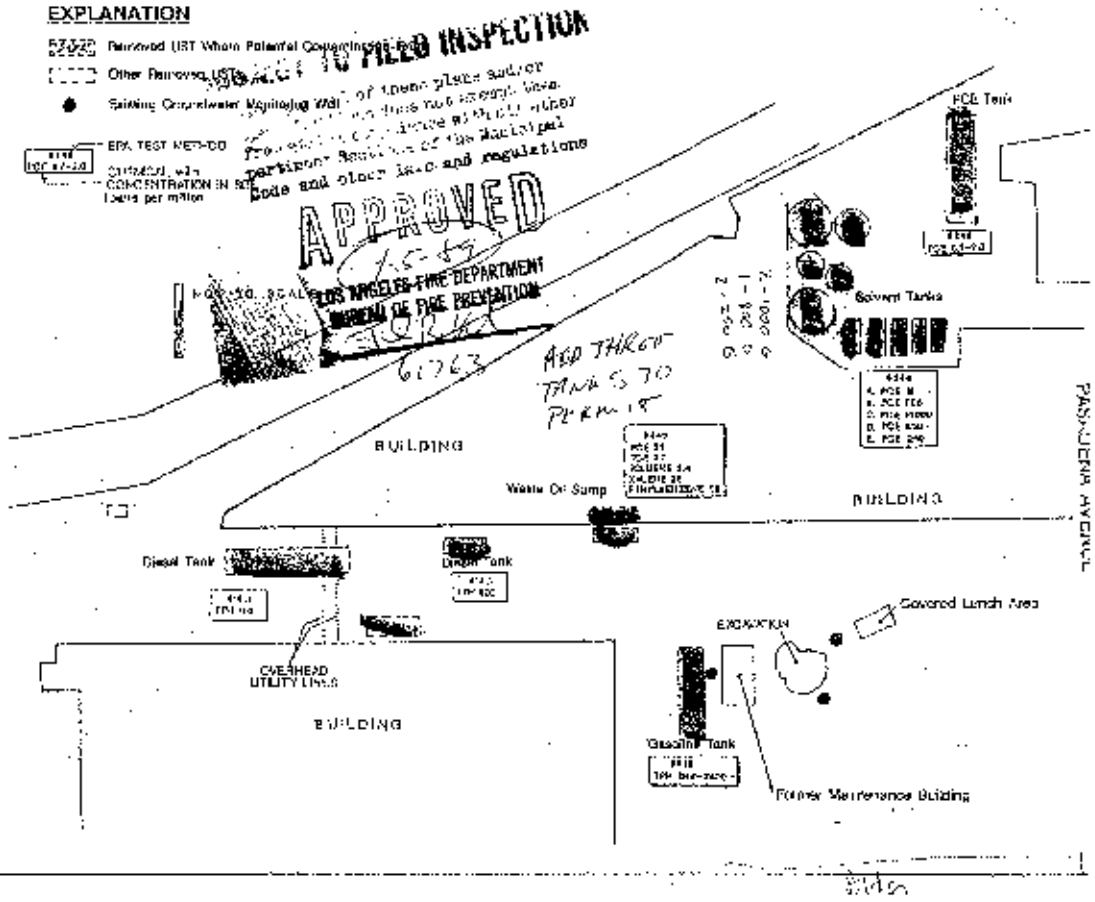
ENSR

APPENDIX B
HISTORIC FIGURES


NOT TO SCALE
Explanation
All Tanks on site To Be Removed
Pasadena Ave.
Permit Plans
Existing Tanks
building
4,000 gal. Diesel
2,000 gal. gasoline
Property line
Fill in Place
Building
Building
Truck Wash
SUBJECT TO FIELD INSPECTION
The approval of these plans and/or specifications does not exempt them from strict compliance with all other pertinent Sections of the Municipal Code and other laws and regulations
APPROVED
LOS ANGELES FIRE DEPARTMENT
BUREAU OF FIRE PREVENTION
SITE MAP


E. PASADENA AV. 7505
61163
THORNE ENVIRONMENTAL
EXPLANATION
NOT TO SCALE
LOS ANGELES FIRE DEPARTMENT
BUREAU OF FIRE PREVENTION
61163
BUILDING
Diesel Tank
Diesel Tank
Waste Oil Tank
Covered Lunch Area
Generator
Generator Building
PASADENA AVENUE
FIGURE 2

3585 E. PASADENA



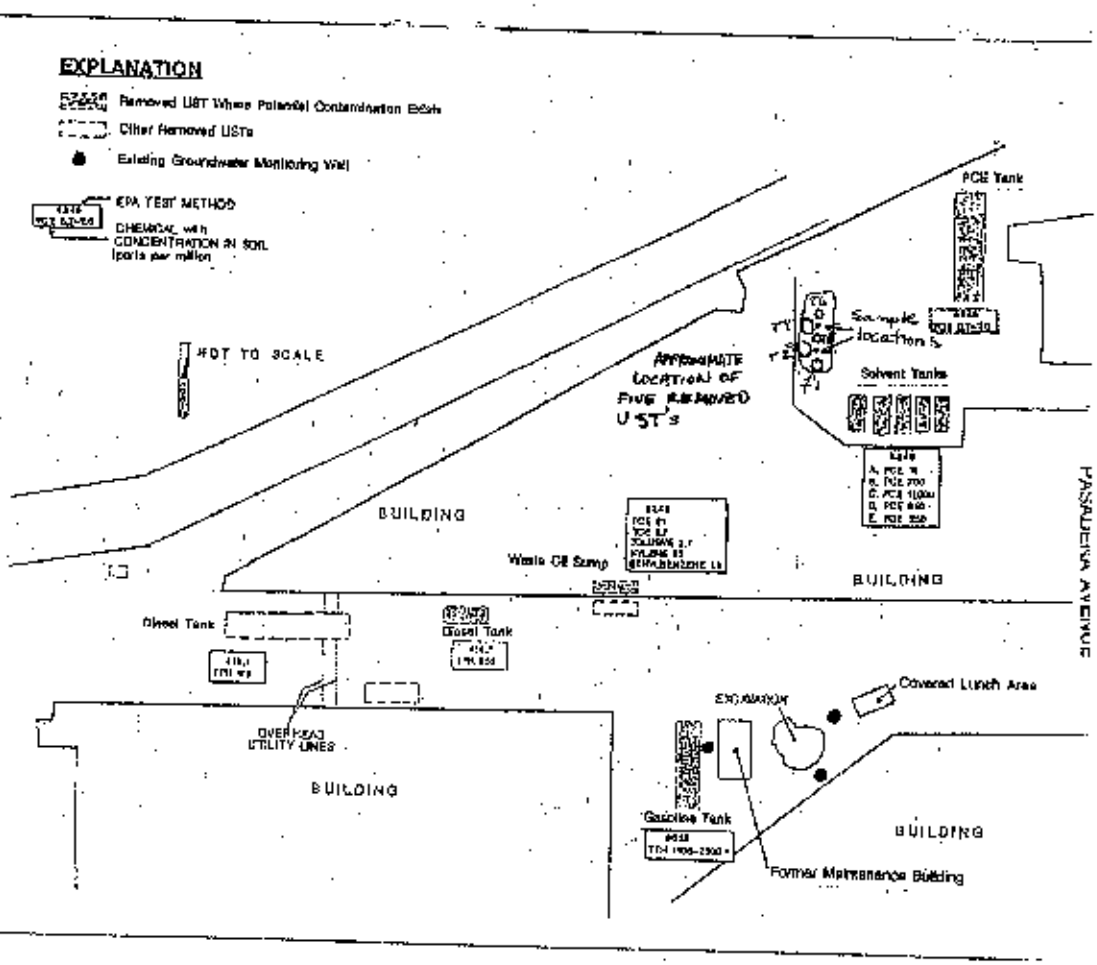
THORNE ENVIRONMENTAL

Project 1E-1021

WELCH'S OVERALL CLEANING COMPANY

PLOT MAP SHOWING REMOVED USTs AND EXISTING MONITORING WELLS

FIGURE 2



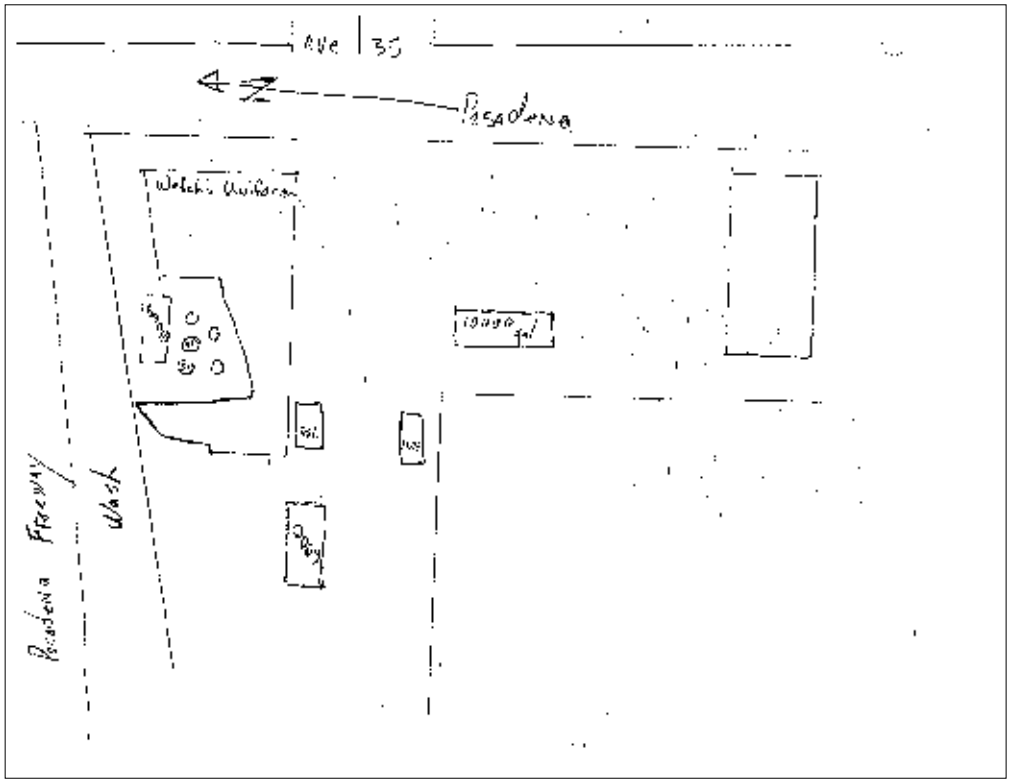
THORNE ENVIRONMENTAL

Project 1E-1021

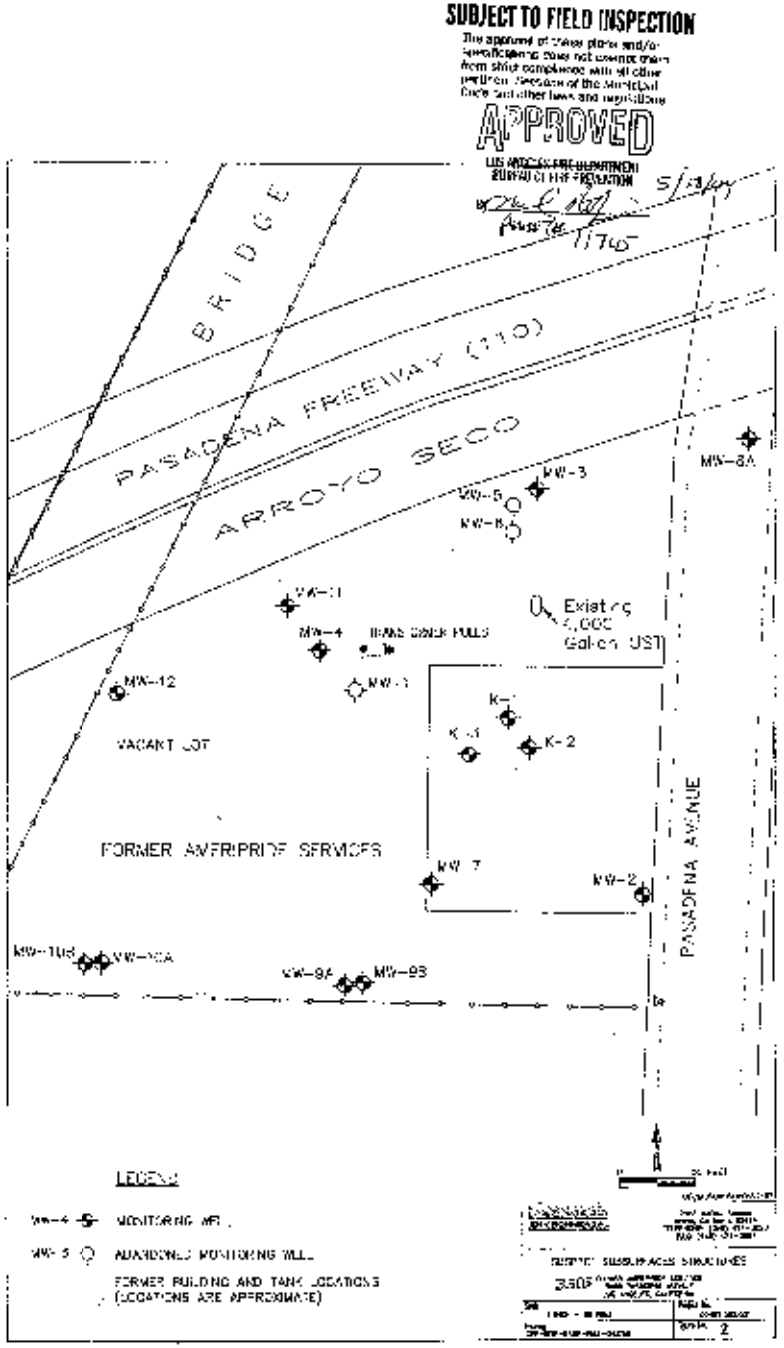
WELCH'S OVERALL CLEANING COMPANY

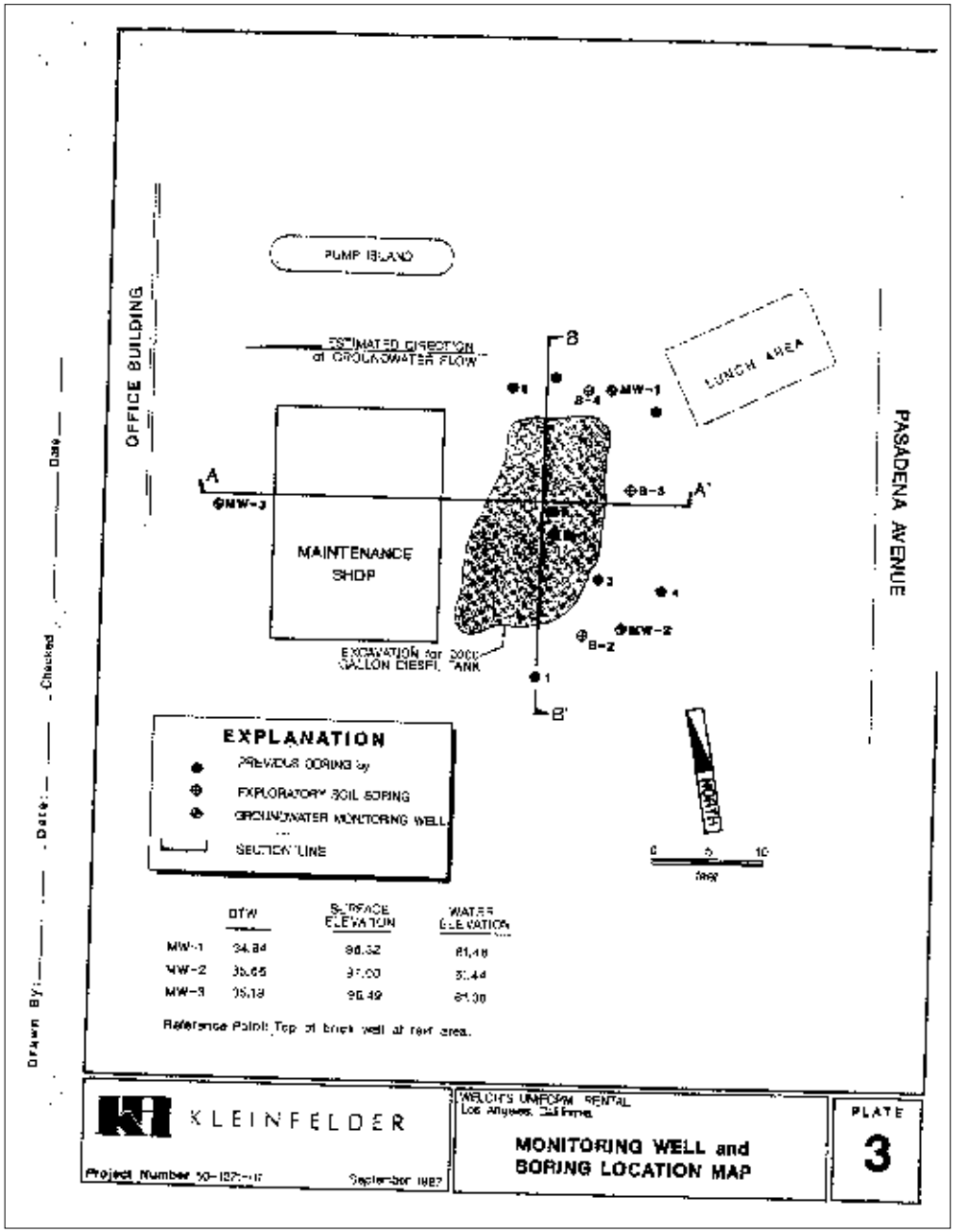
PLOT MAP SHOWING REMOVED USTs AND EXISTING MONITORING WELLS

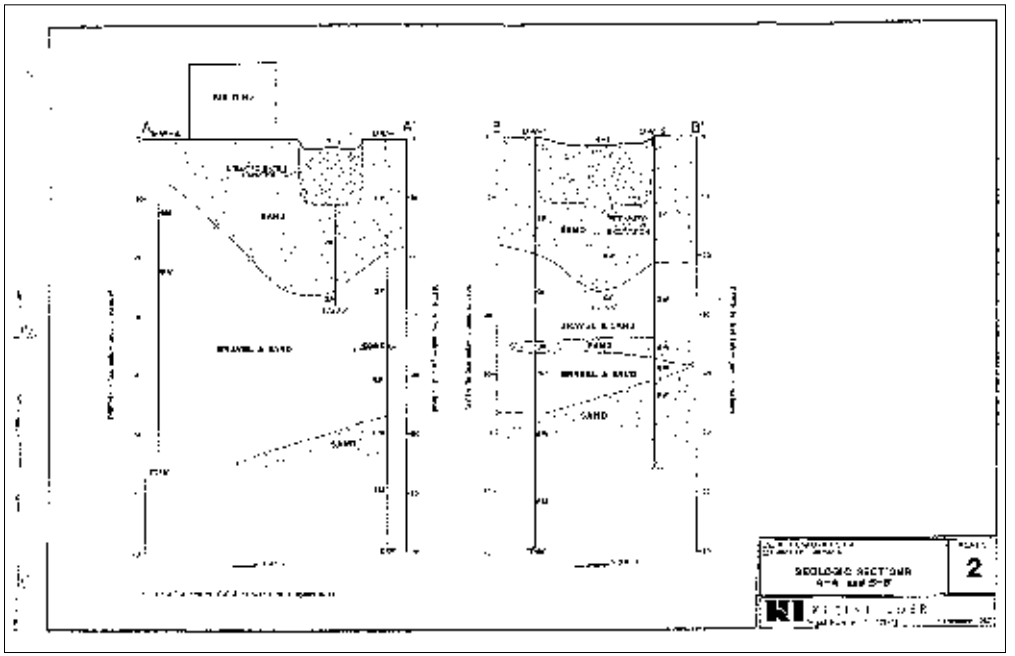
FIGURE 2

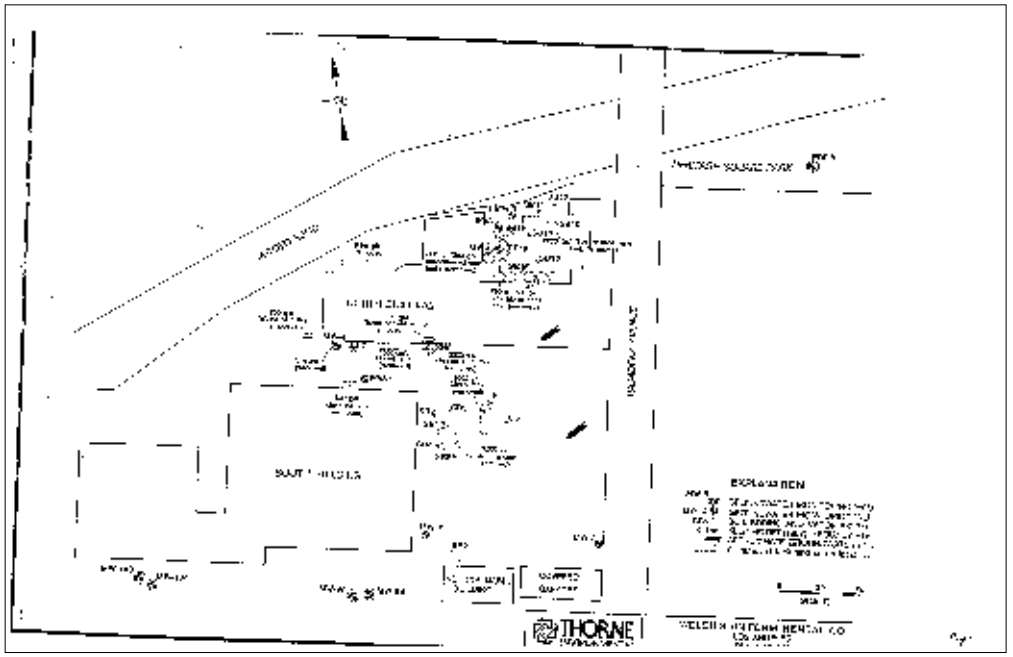


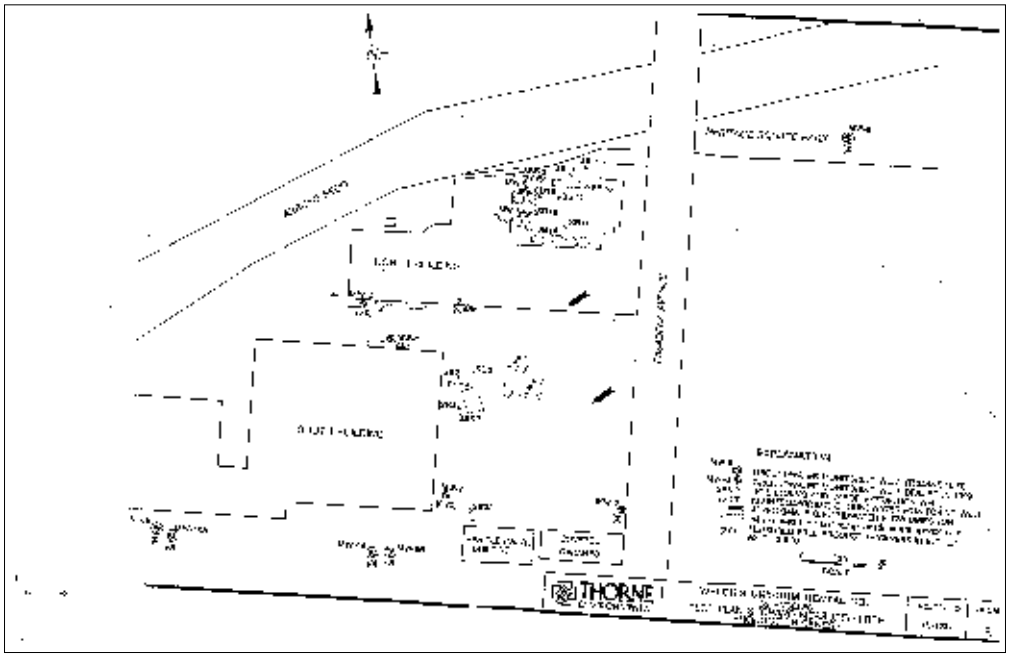
Copies of above
(former Averitt Service site with AM pipeline etc.

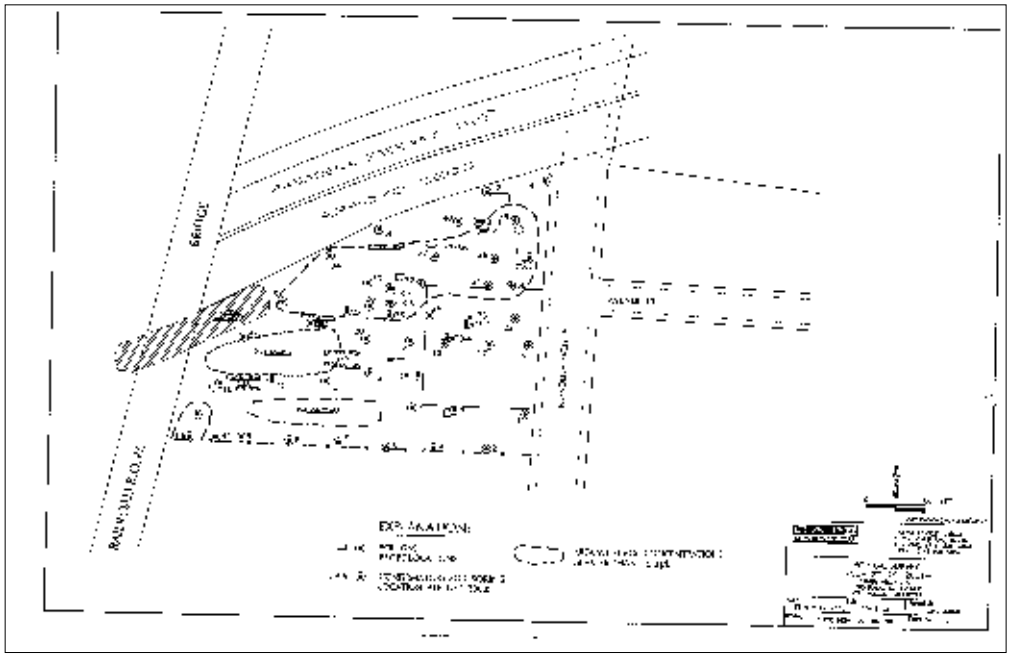



OFFICE BUILDING
PUMP ISLAND
ESTIMATED DIRECTION of GROUNDWATER FLOW
LUNCH AREA
PASADENA AVENUE
MAINTENANCE SHOP
EXCAVATION for 2000 GALLON DIESEL TANK
A
A'
B
B'
MW-1
MW-2
MW-3
B-1
B-2
B-3
B-4
EXPLANATION
PREVIOUS BORING by
EXPLORATORY SOIL BORING
GROUNDWATER MONITORING WELL
SECTION LINE
NORTH
0
5
10
Feet
DTW
SURFACE ELEVATION
WATER ELEVATION
MW-1 34.84 96.32 61.48
MW-2 35.65 97.09 61.44
MW-3 35.19 96.49 61.30
Reference Point: Top of brick well at rear area.
KLEINFELDER
Project Number 50-127-11
September 1987
WELCH'S UNIFORM RENTAL
Los Angeles, California
MONITORING WELL and BORING LOCATION MAP
PLATE
3
Drawn By: Date: Checked Date

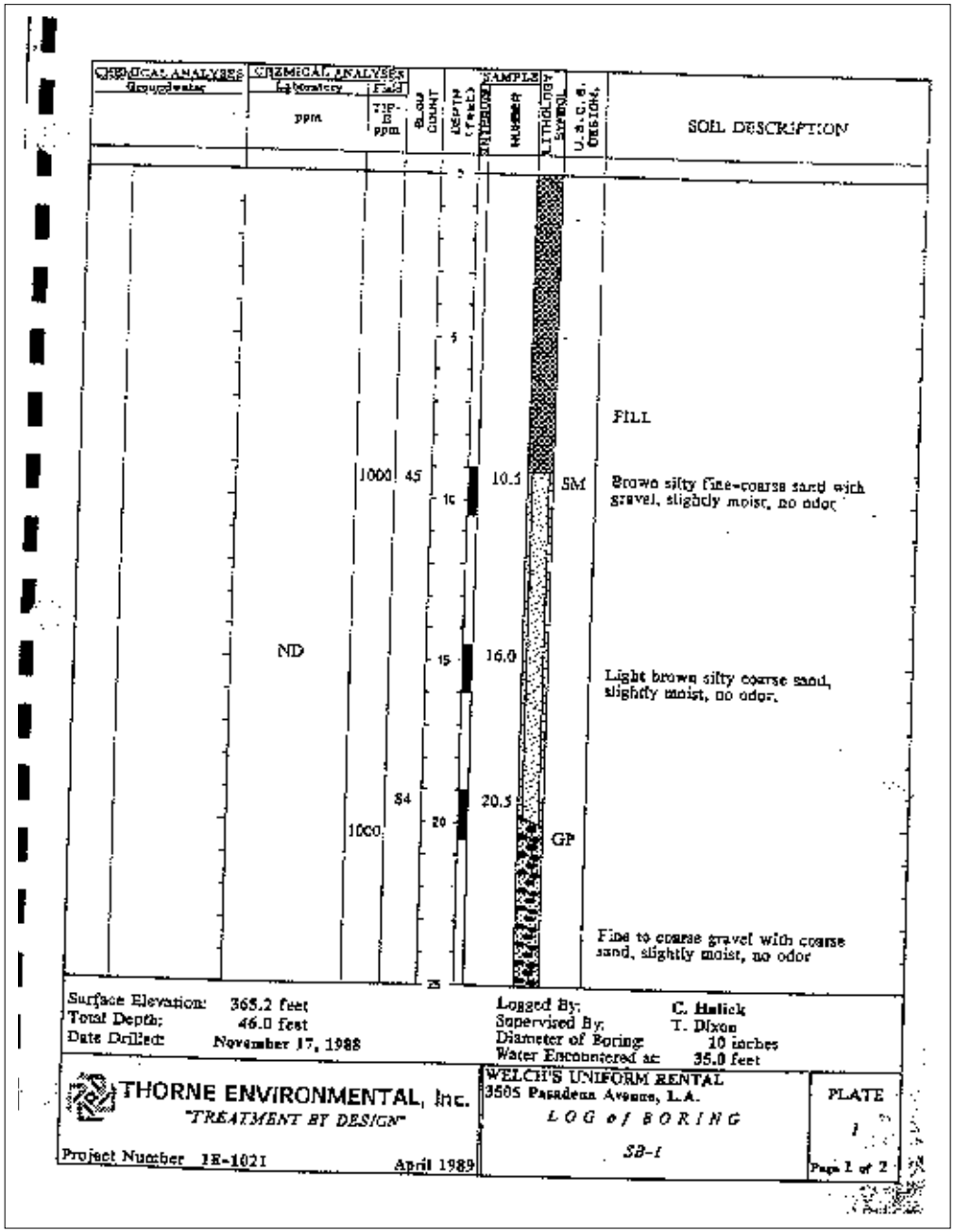

A
A'
B
B'
SAND
GRAVEL & SAND
SILT
CLAY
GEOLOGIC SECTION
PLATE
2

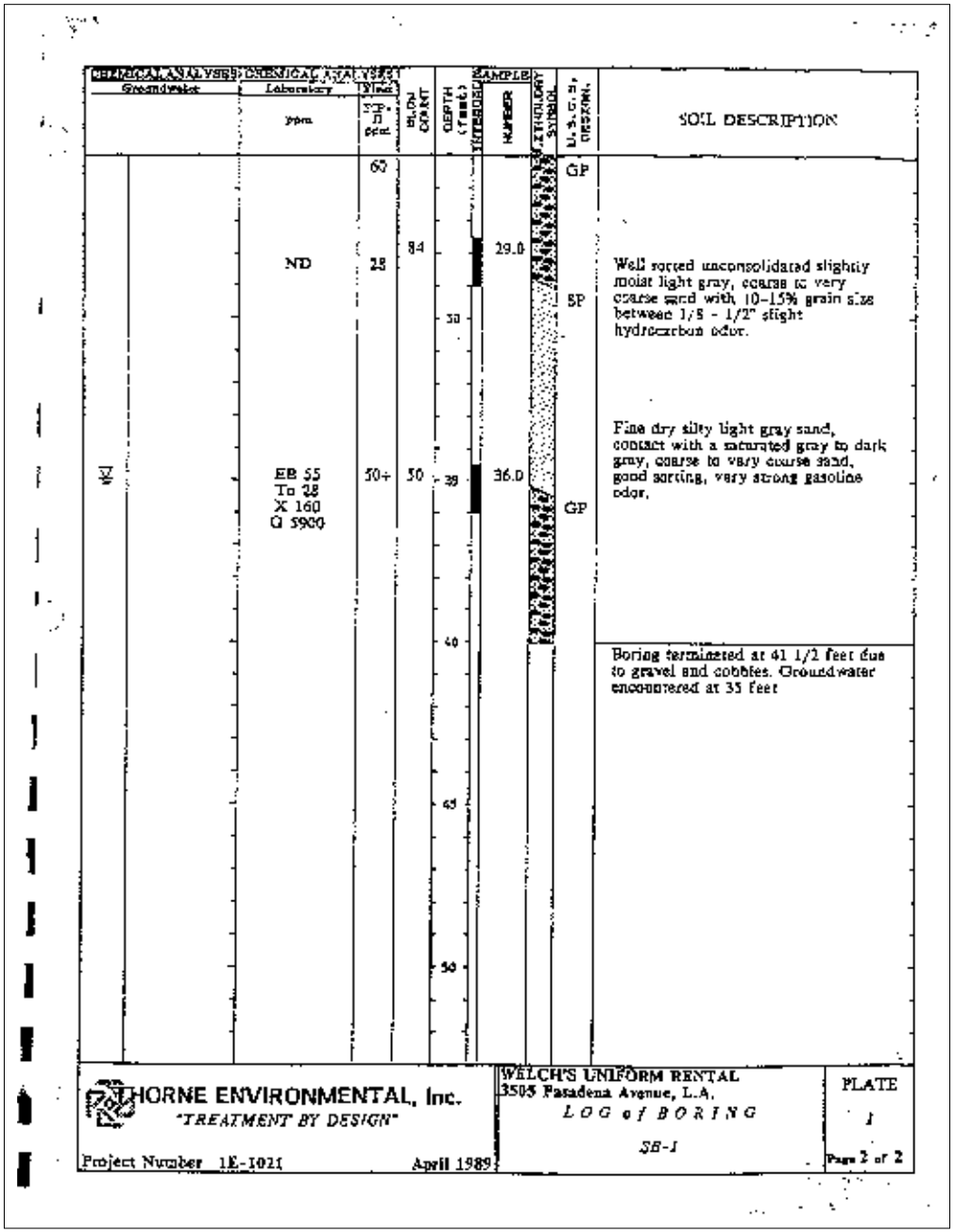


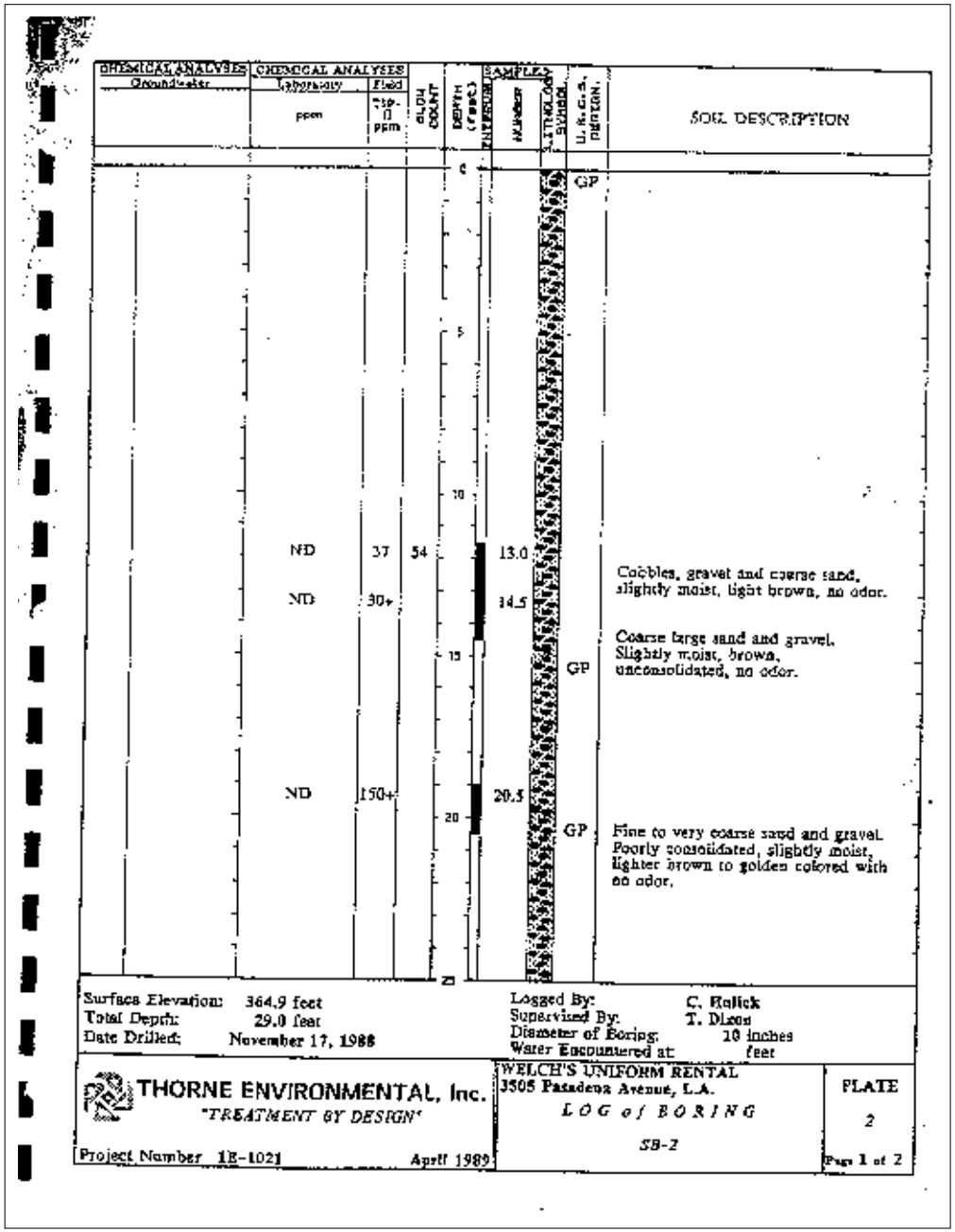


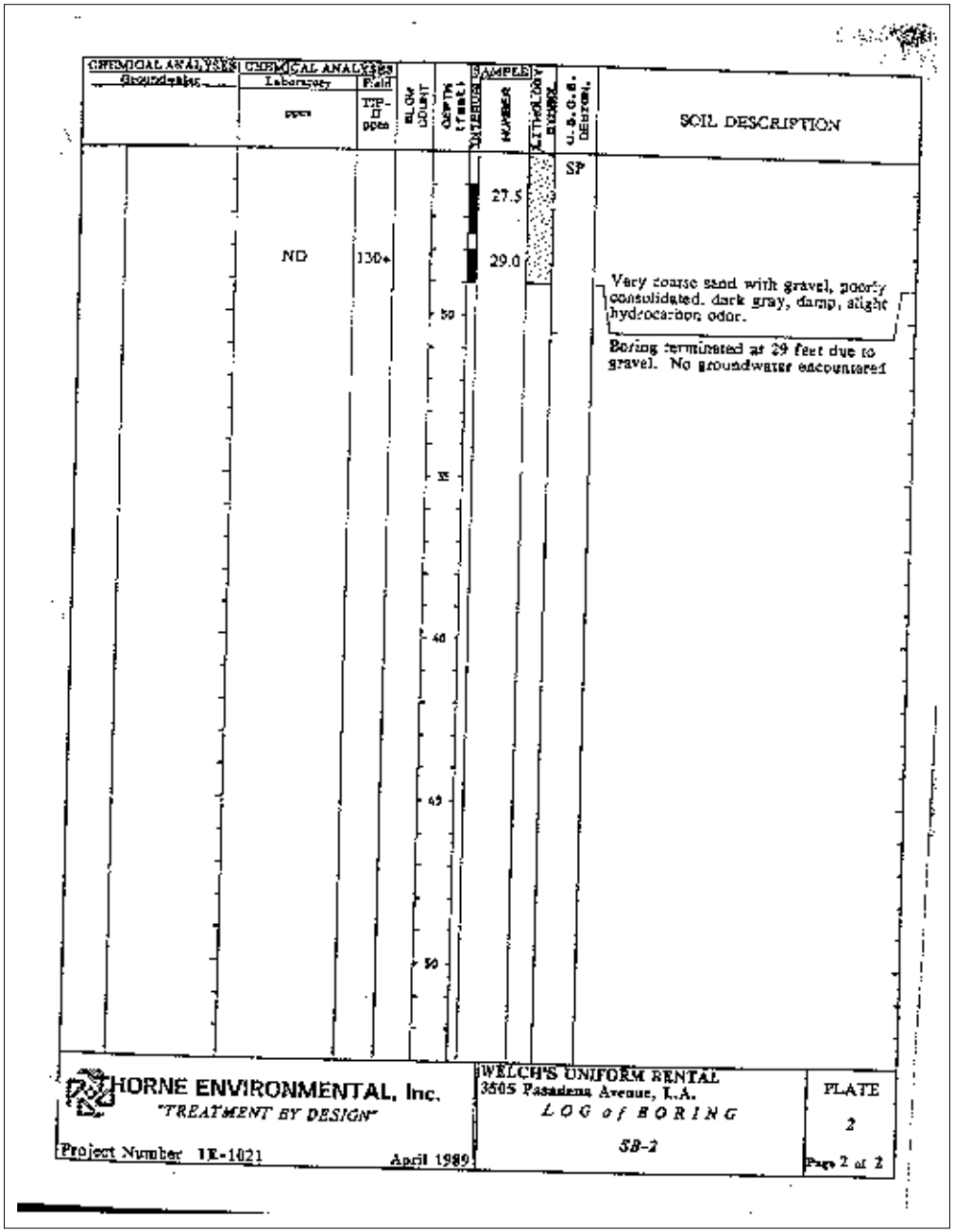


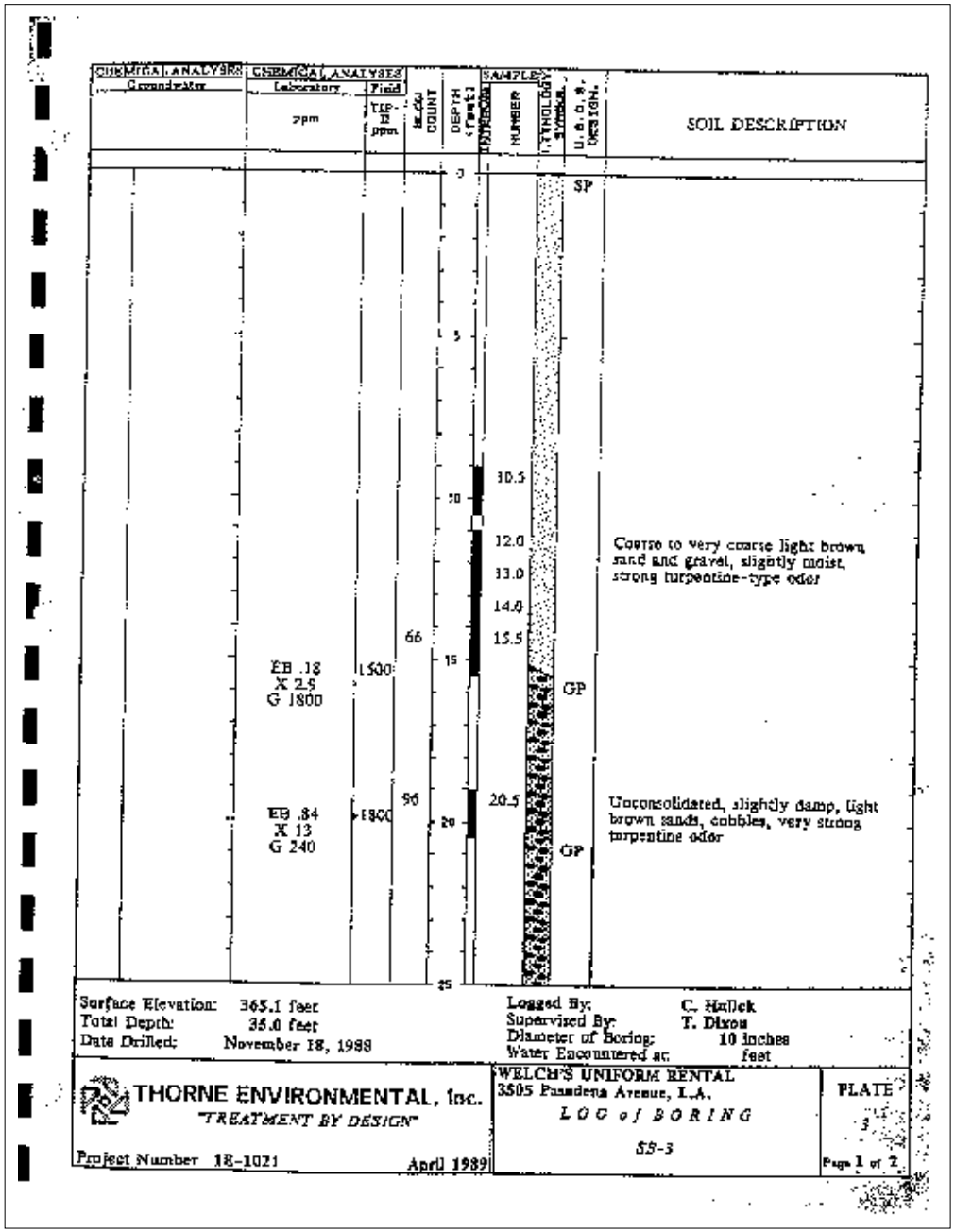
APPENDIX C
SOIL BORING LOGS

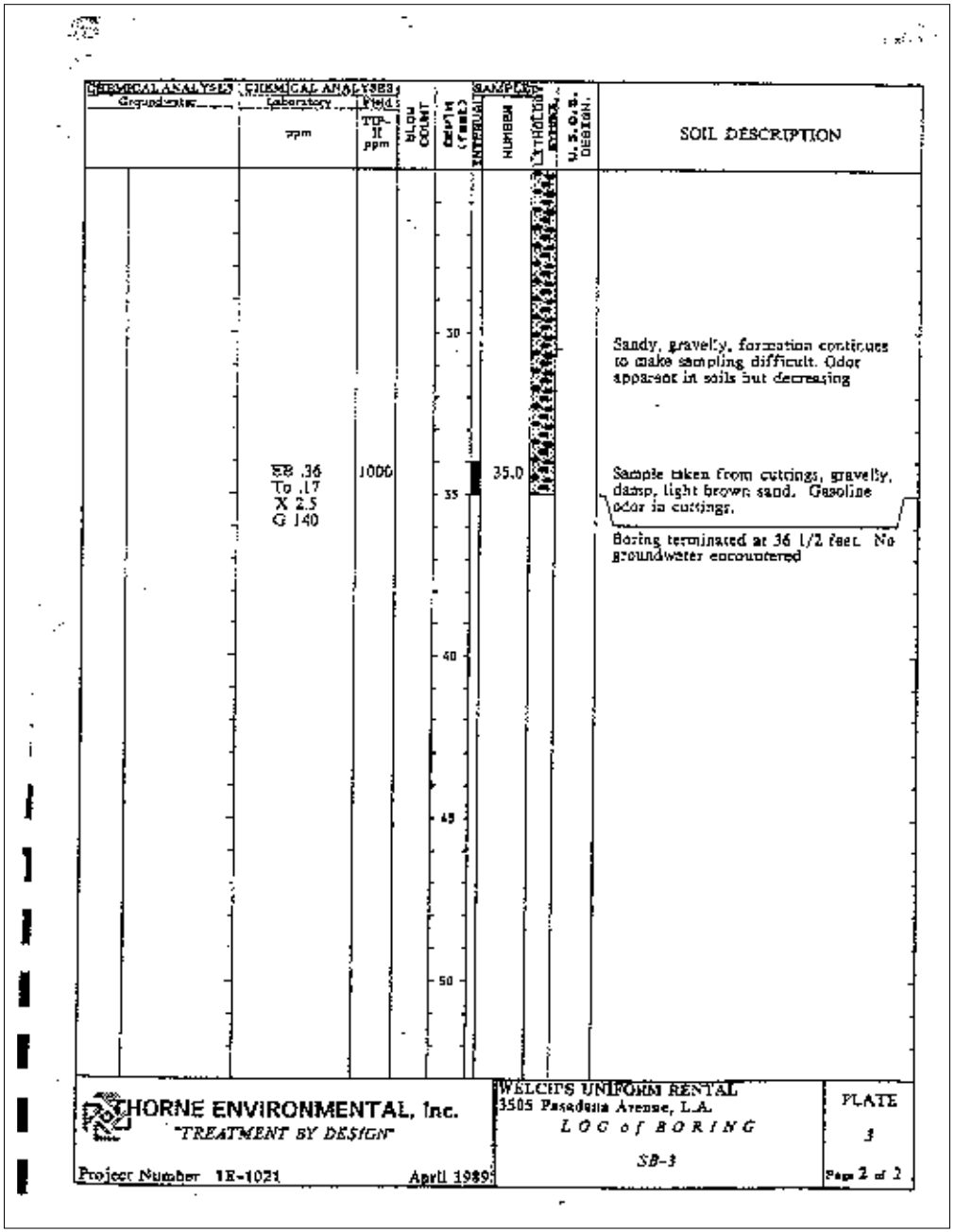

CHEMICAL ANALYSES Groundwater
CHEMICAL ANALYSES Laboratory
ppm
Field
ppm
BLOW COUNT
DEPTH (Feet)
SAMPLE
NUMBER
LITHOLOGY SYMBOL
U.S.C.S. DESIGN.
SOIL DESCRIPTION
ND
1000
45
84
1000
10.5
16.0
20.5
SM
GP
FILL
Brown silty fine-coarse sand with gravel, slightly moist, no odor
Light brown silty coarse sand, slightly moist, no odor.
Fine to coarse gravel with coarse sand, slightly moist, no odor
Surface Elevation: 365.2 feet
Total Depth: 46.0 feet
Date Drilled: November 17, 1988
Logged By: C. Halick
Supervised By: T. Dixon
Diameter of Boring: 10 inches
Water Encountered at: 35.0 feet
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021
April 1989
WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-1
PLATE
1
Page 1 of 2

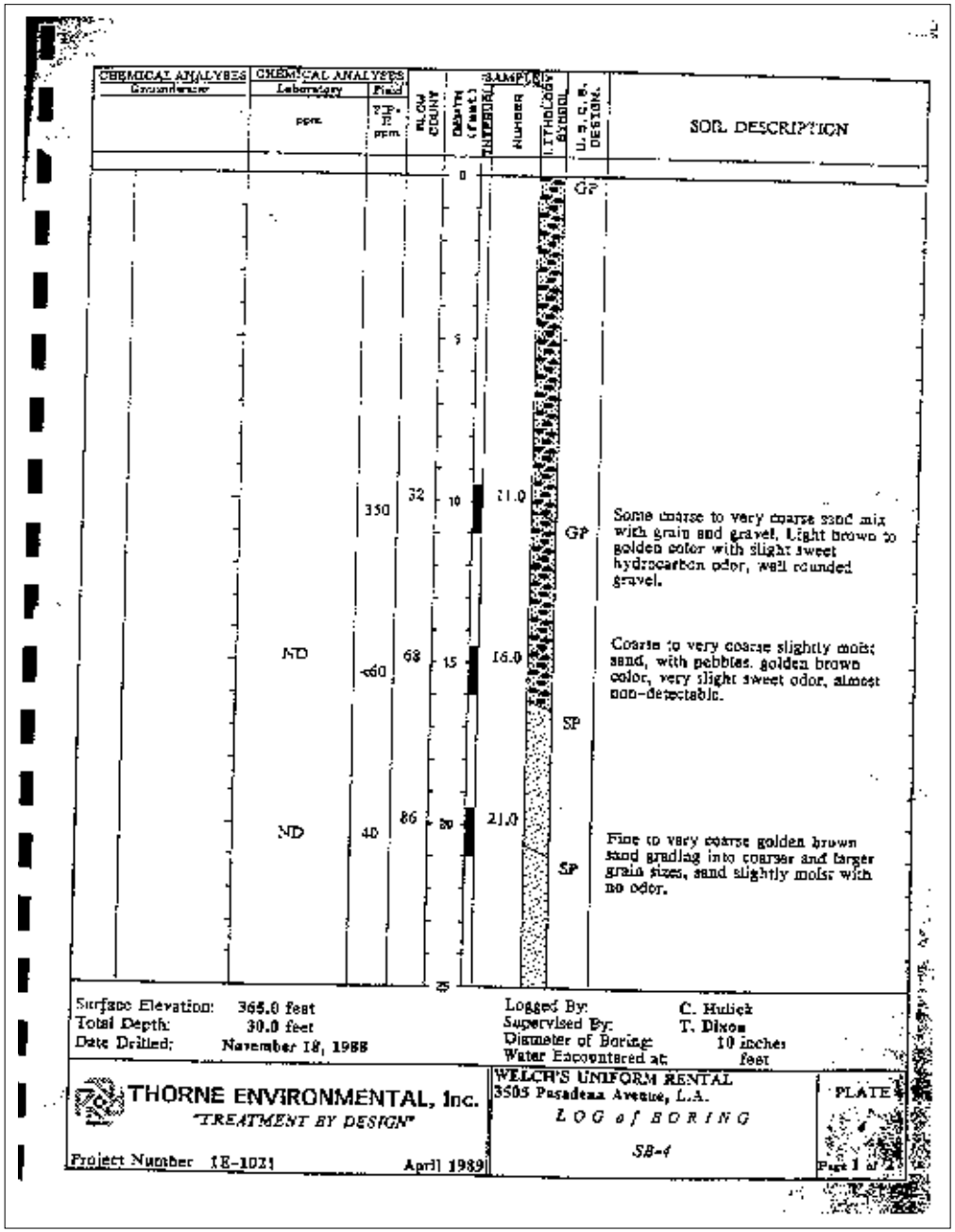

CHEMICAL ANALYSES Groundwater
CHEMICAL ANALYSES Laboratory
ppm
Field
ppm
BLOW COUNT
DEPTH (Feet)
SAMPLE
NUMBER
LITHOLOGY SYMBOL
U.S.C.S. DESIGN.
SOIL DESCRIPTION
ND
EB 55
To 28
X 160
G 5900
60
28
84
50+
50
29.0
36.0
GP
SP
GP
Well sorted unconsolidated slightly moist light gray, coarse to very coarse sand with 10-15% grain size between 1/8 - 1/2" slight hydrocarbon odor.
Fine dry silty light gray sand, contact with a saturated gray to dark gray, coarse to very course sand, good sorting, very strong gasoline odor.
Boring terminated at 41 1/2 feet due to gravel and cobbles. Groundwater encountered at 35 feet
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021
April 1989
WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-1
PLATE
1
Page 2 of 2

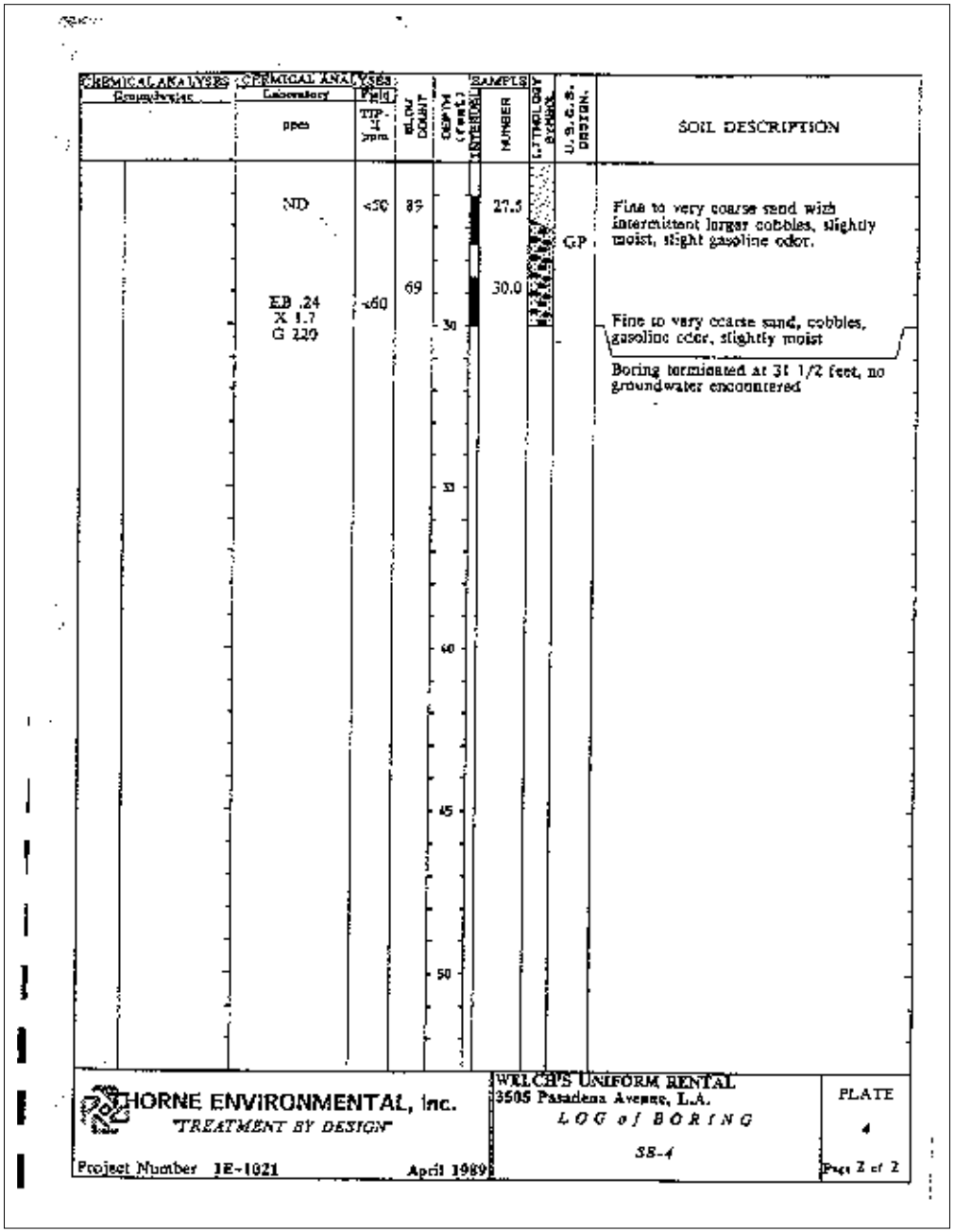

CHEMICAL ANALYSES Groundwater
CHEMICAL ANALYSES Laboratory ppm
Field TIP-□ ppm
BLOW COUNT
DEPTH (Feet)
SAMPLES NUMBER
LITHOLOGY SYMBOL
U.S.C.S. DESIGN.
SOIL DESCRIPTION
0
5
10
15
20
25
GP
ND
37
54
13.0
14.5
ND
30+
Cobbles, gravel and coarse sand, slightly moist, light brown, no odor.
Coarse large sand and gravel. Slightly moist, brown, unconsolidated, no odor.
GP
ND
150+
20.5
GP
Fine to very coarse sand and gravel. Poorly consolidated, slightly moist, lighter brown to golden colored with no odor.
Surface Elevation: 364.9 feet
Total Depth: 29.0 feet
Date Drilled: November 17, 1988
Logged By: C. Rolick
Supervised By: T. Dixon
Diameter of Boring: 10 inches
Water Encountered at: feet
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021
April 1989
WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-2
PLATE
2
Page 1 of 2

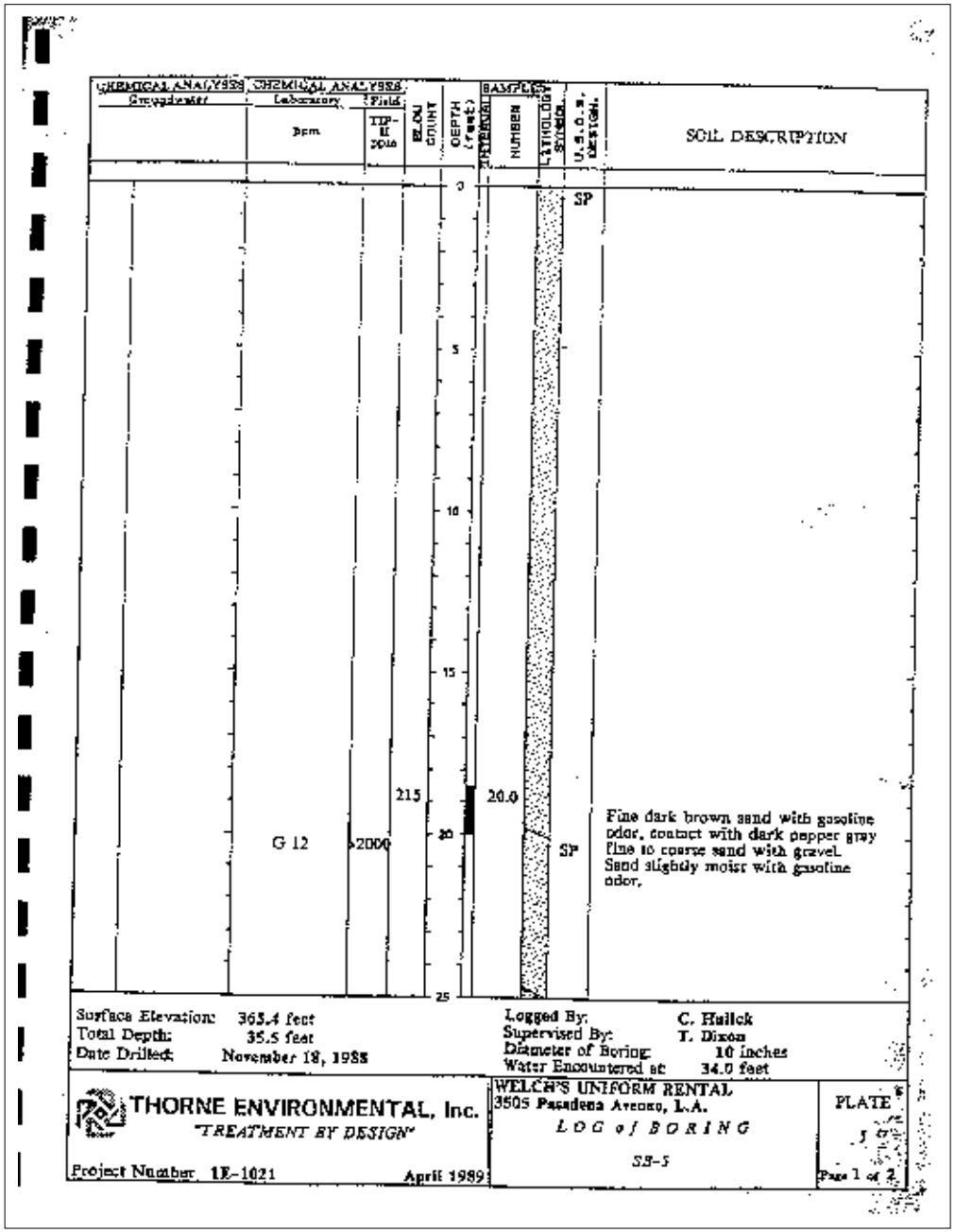

CHEMICAL ANALYSES Groundwater
CHEMICAL ANALYSES Laboratory ppm
Field TIP-□ ppm
BLOW COUNT
DEPTH (Feet)
SAMPLES NUMBER
LITHOLOGY SYMBOL
U.S.C.S. DESIGN.
SOIL DESCRIPTION
SP
27.5
29.0
ND
130+
Very coarse sand with gravel, poorly consolidated, dark gray, damp, slight hydrocarbon odor.
Boring terminated at 29 feet due to gravel. No groundwater encountered
50
55
60
65
70
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021
April 1989
WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-2
PLATE
2
Page 2 of 2


CHEMICAL ANALYSES Groundwater
CHEMICAL ANALYSES Laboratory ppm
Field TIP-II ppm
BLOW COUNT
DEPTH (Feet)
SAMPLES INTERVAL
NUMBER
LITHOLOGY SYMBOL
U.S.C.S. DESIGN.
SOIL DESCRIPTION
SP
10.5
12.0
13.0
14.0
15.5
20.5
GP
GP
EB .18
X 2.5
G 1800
1500
66
EB .84
X 13
G 240
1800
96
Coarse to very coarse light brown sand and gravel, slightly moist, strong turpentine-type odor
Unconsolidated, slightly damp, light brown sands, cobbles, very strong turpentine odor
Surface Elevation: 365.1 feet
Total Depth: 35.0 feet
Date Drilled: November 18, 1988
Logged By: C. Hallek
Supervised By: T. Dixon
Diameter of Boring: 10 inches
Water Encountered at: feet
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021
April 1989
WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-3
PLATE
3
Page 1 of 2


CHEMICAL ANALYSES Groundwater
CHEMICAL ANALYSES Laboratory ppm
Field TIP-II ppm
BLOW COUNT
DEPTH (Feet)
SAMPLES INTERVAL
NUMBER
LITHOLOGY SYMBOL
U.S.C.S. DESIGN.
SOIL DESCRIPTION
35.0
EB .36
To .17
X 2.5
G 140
1000
Sandy, gravelly, formation continues to make sampling difficult. Odor apparent in soils but decreasing
Sample taken from cuttings, gravelly, damp, light brown sand. Gasoline odor in cuttings.
Boring terminated at 36 1/2 feet. No groundwater encountered
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021
April 1989
WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-3
PLATE
3
Page 2 of 2


CHEMICAL ANALYSES Groundwater
CHEMICAL ANALYSES Laboratory
CHEMICAL ANALYSES Field
ppm
TIP ppm
BLOW COUNT
DEPTH (Feet)
SAMPLES INTERVAL
SAMPLES NUMBER
LITHOLOGY SYMBOL
U.S.C.S. DESIGN.
SOIL DESCRIPTION
GP
350
32
10
11.0
GP
Some coarse to very coarse sand mix with grain and gravel, light brown to golden color with slight sweet hydrocarbon odor, well rounded gravel.
ND
<60
68
15
16.0
Coarse to very coarse slightly moist sand, with pebbles, golden brown color, very slight sweet odor, almost non-detectable.
SP
ND
40
86
20
21.0
SP
Fine to very coarse golden brown sand grading into coarser and larger grain sizes, sand slightly moist with no odor.
25
Surface Elevation: 365.0 feet
Total Depth: 30.0 feet
Date Drilled: November 18, 1988
Logged By: C. Hulick
Supervised By: T. Dixon
Diameter of Boring: 10 inches
Water Encountered at: feet
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021
April 1989
WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-4
PLATE 4
Page 1 of 2


CHEMICAL ANALYSES Groundwater
CHEMICAL ANALYSES Laboratory
CHEMICAL ANALYSES Field
ppm
TIP ppm
BLOW COUNT
DEPTH (Feet)
SAMPLES INTERVAL
SAMPLES NUMBER
LITHOLOGY SYMBOL
U.S.C.S. DESIGN.
SOIL DESCRIPTION
ND
<30
89
27.5
GP
Fine to very coarse sand with intermittent larger cobbles, slightly moist, slight gasoline odor.
EB .24
X 1.7
G 220
<60
69
30.0
30
Fine to very coarse sand, cobbles, gasoline odor, slightly moist
Boring terminated at 31 1/2 feet, no groundwater encountered
35
40
45
50
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021
April 1989
WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-4
PLATE 4
Page 2 of 2



Surface Elevation: 365.4 feet
Total Depth: 35.5 feet
Date Drilled: November 18, 1988

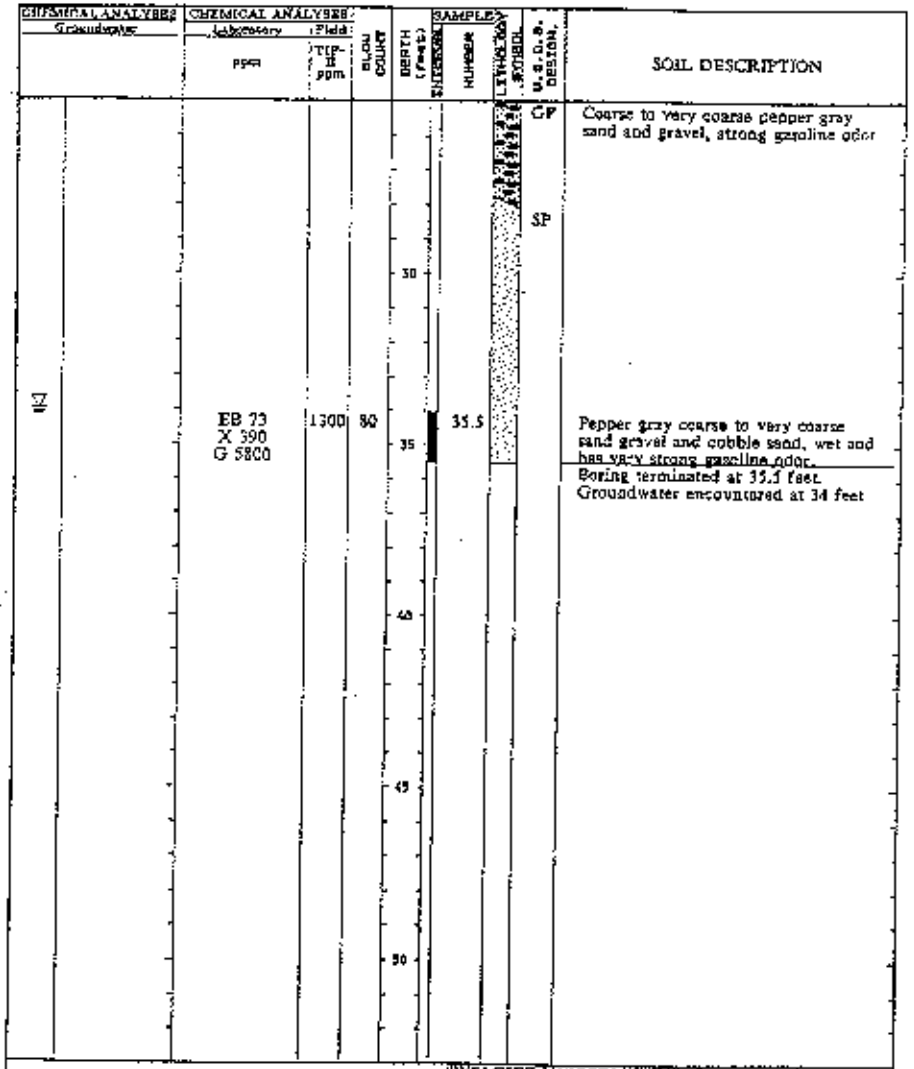
Logged By: C. Hulick
Supervised By: T. Dixon
Diameter of Boring: 10 inches
Water Encountered at: 34.0 feet

THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"

Project Number 1E-1021 April 1989

WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-5

PLATE 5

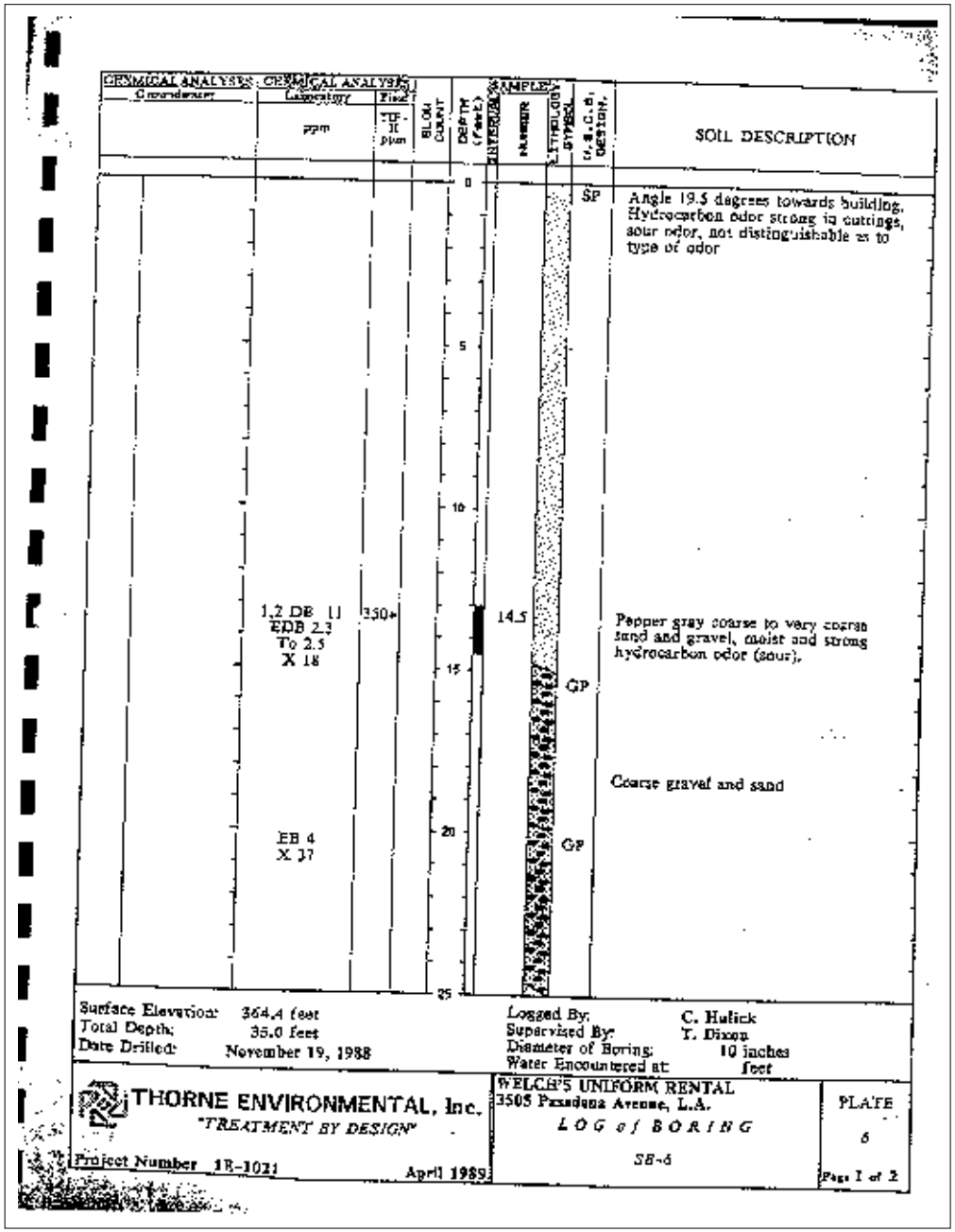


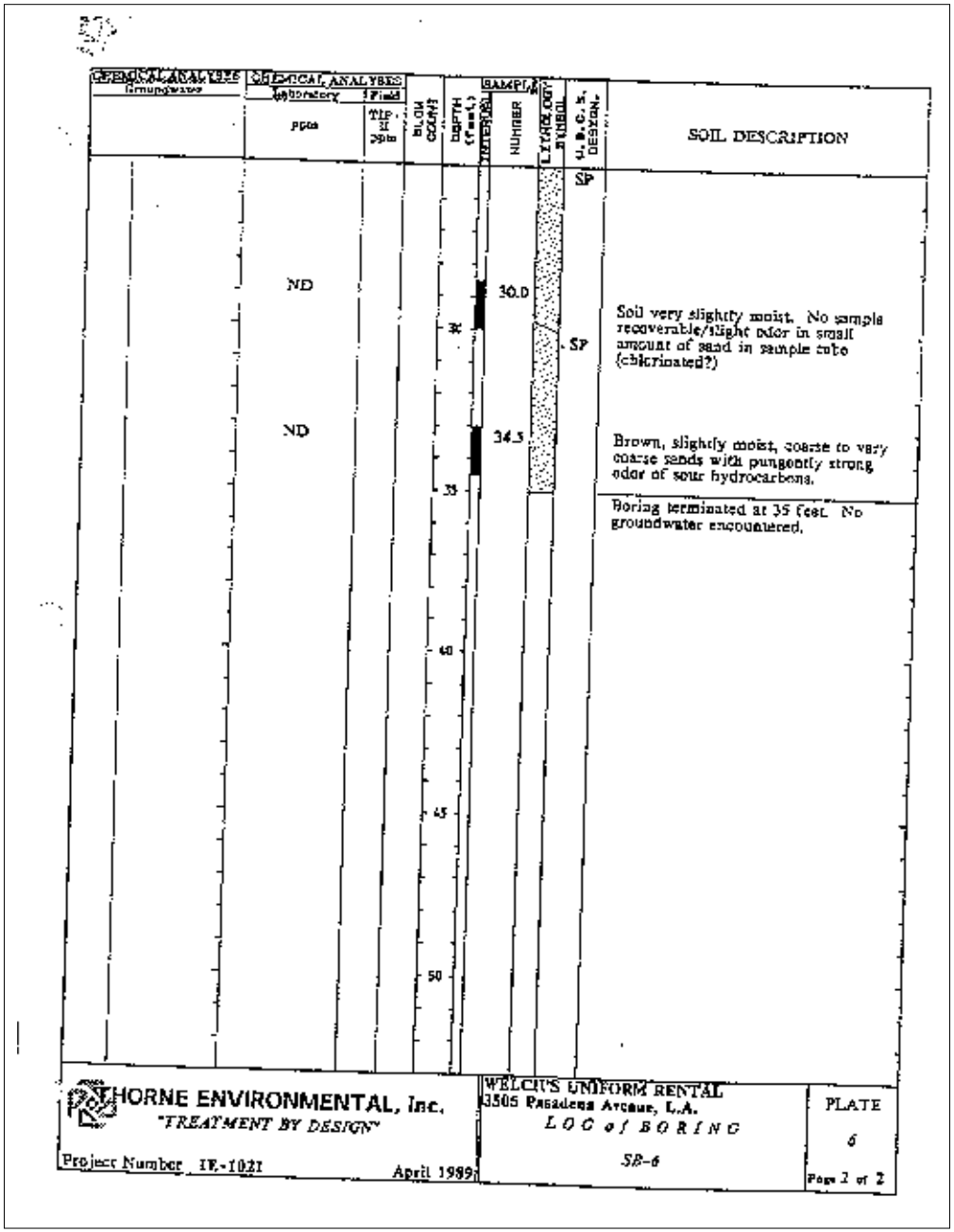
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"

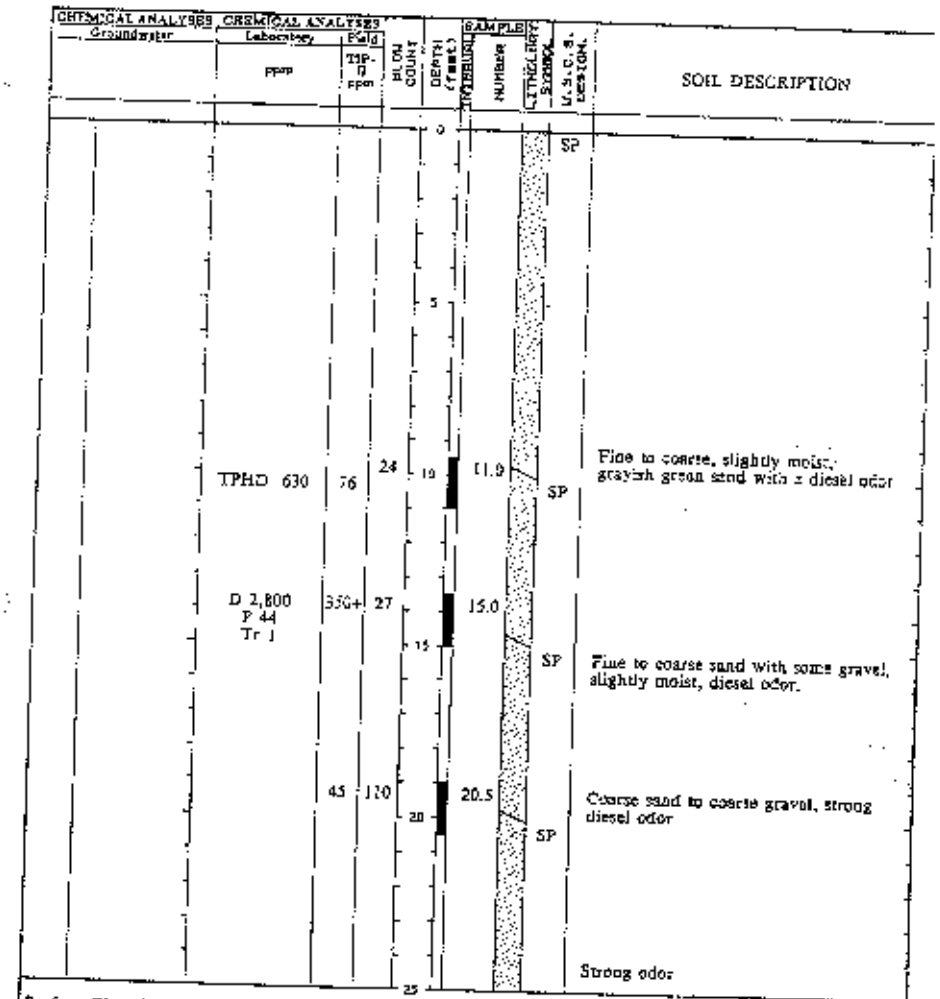
Project Number 1E-1021 April 1989

WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-5

PLATE 5


CHEMICAL ANALYSES: Groundwater
CHEMICAL ANALYSES: Laboratory
CHEMICAL ANALYSES: Field
ppm
TIP - H ppm
BLOW COUNT
DEPTH (Feet)
SAMPLES: TYPE
SAMPLES: NUMBER
LITHOLOGY SYMBOL
U.S.C.S. DESIGN.
SOIL DESCRIPTION
SP
Angle 19.5 degrees towards building. Hydrocarbon odor strong in cuttings, sour odor, not distinguishable as to type of odor
1,2 DB 11
EDB 2.3
To 2.5
X 18
330+
14.5
GP
Pepper gray coarse to very coarse sand and gravel, moist and strong hydrocarbon odor (sour).
Coarse gravel and sand
EB 4
X 37
GP
0
5
10
15
20
25
Surface Elevation: 364.4 feet
Total Depth: 35.0 feet
Date Drilled: November 19, 1988
Logged By: C. Hulick
Supervised By: T. Dixon
Diameter of Boring: 10 inches
Water Encountered at: feet
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021
April 1989
WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-6
PLATE
6
Page 1 of 2


CHEMICAL ANALYSES: Groundwater
CHEMICAL ANALYSES: Laboratory
CHEMICAL ANALYSES: Field
ppm
TIP - H ppm
BLOW COUNT
DEPTH (Feet)
SAMPLES: TYPE
SAMPLES: NUMBER
LITHOLOGY SYMBOL
U.S.C.S. DESIGN.
SOIL DESCRIPTION
SP
ND
30.0
Soil very slightly moist. No sample recoverable/slight odor in small amount of sand in sample tube (chlorinated?)
SP
ND
34.5
Brown, slightly moist, coarse to very coarse sands with pungently strong odor of sour hydrocarbons.
Boring terminated at 35 feet. No groundwater encountered.
30
35
40
45
50
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021
April 1989
WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-6
PLATE
6
Page 2 of 2



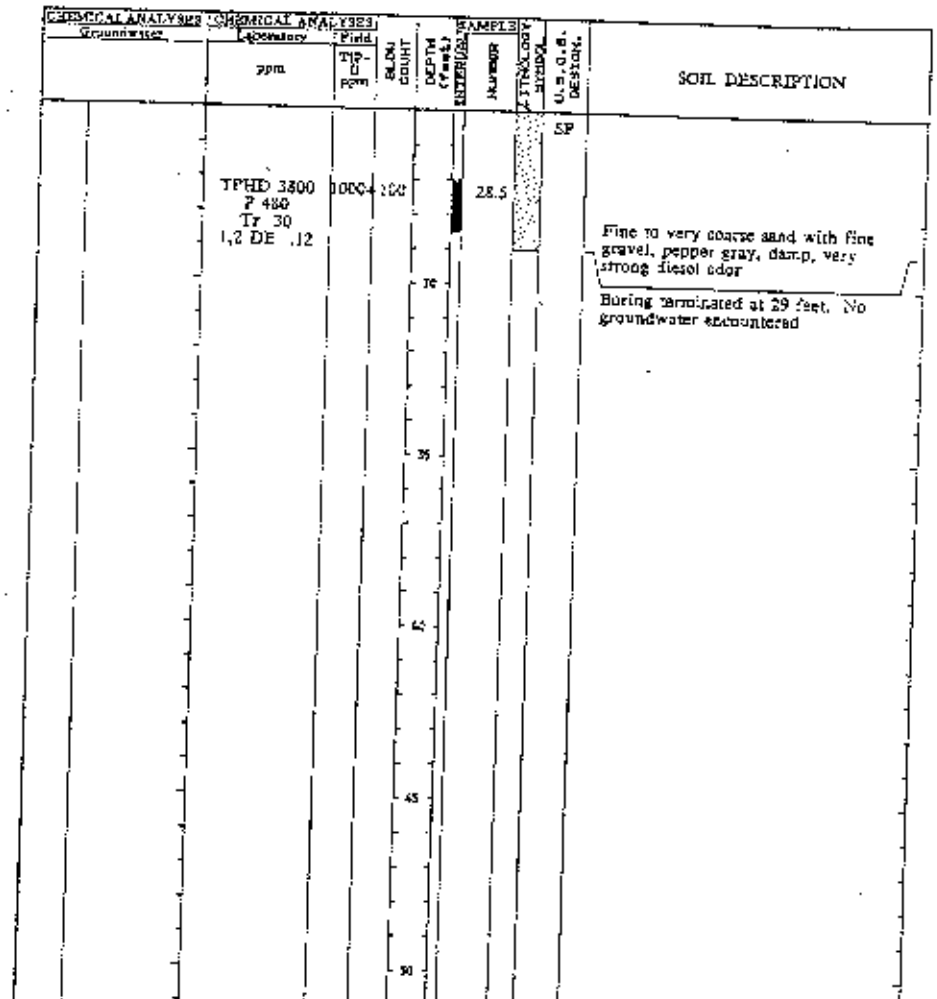
Surface Elevation: 364.3 feet
Total Depth: 29.0 feet
Date Drilled: November 21, 1988

Logged By: C. Hulick
Supervised By: T. Dixon
Diameter of Boring: 10 inches
Water Encountered at: feet

THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021 April 1989

WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-7

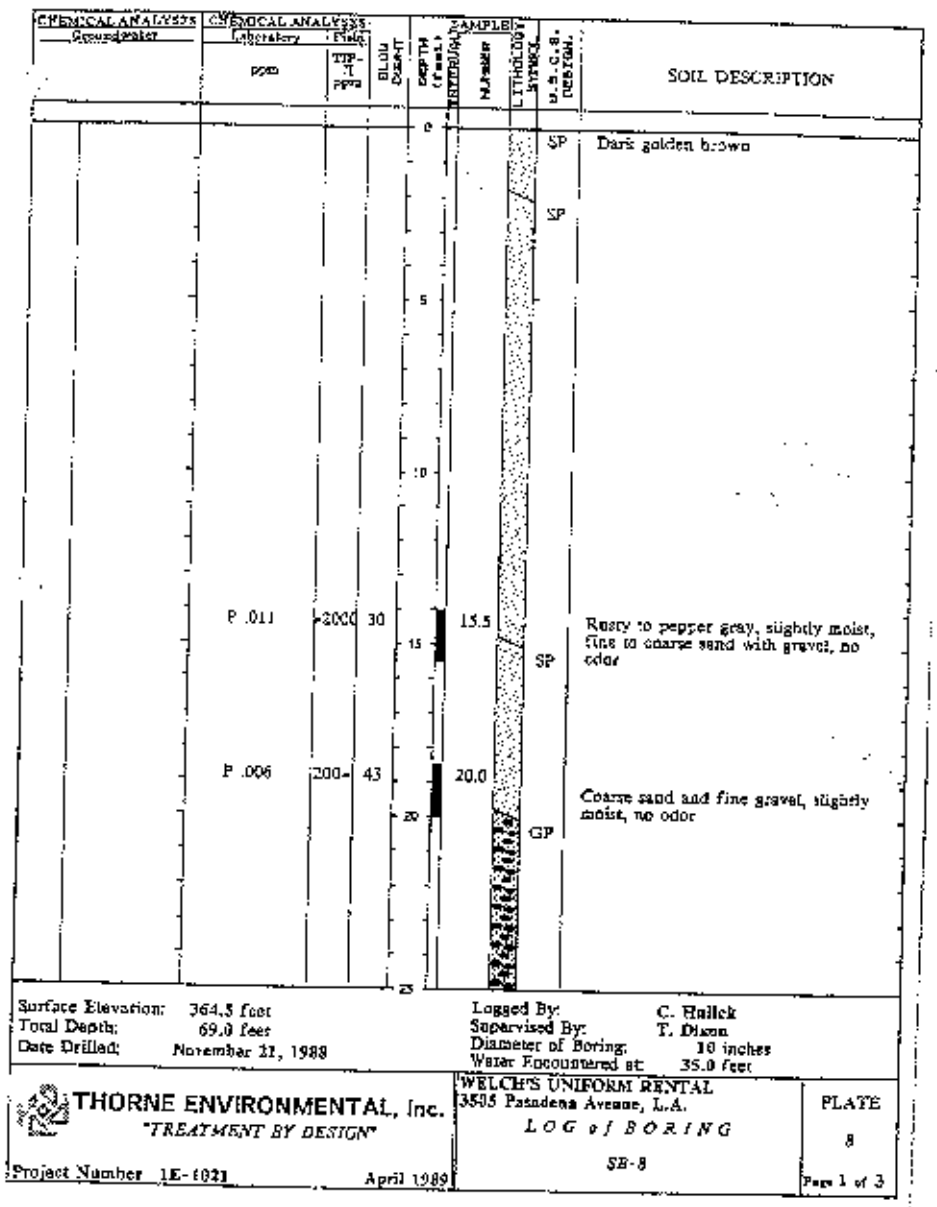
PLATE 7
Page 1 of 2

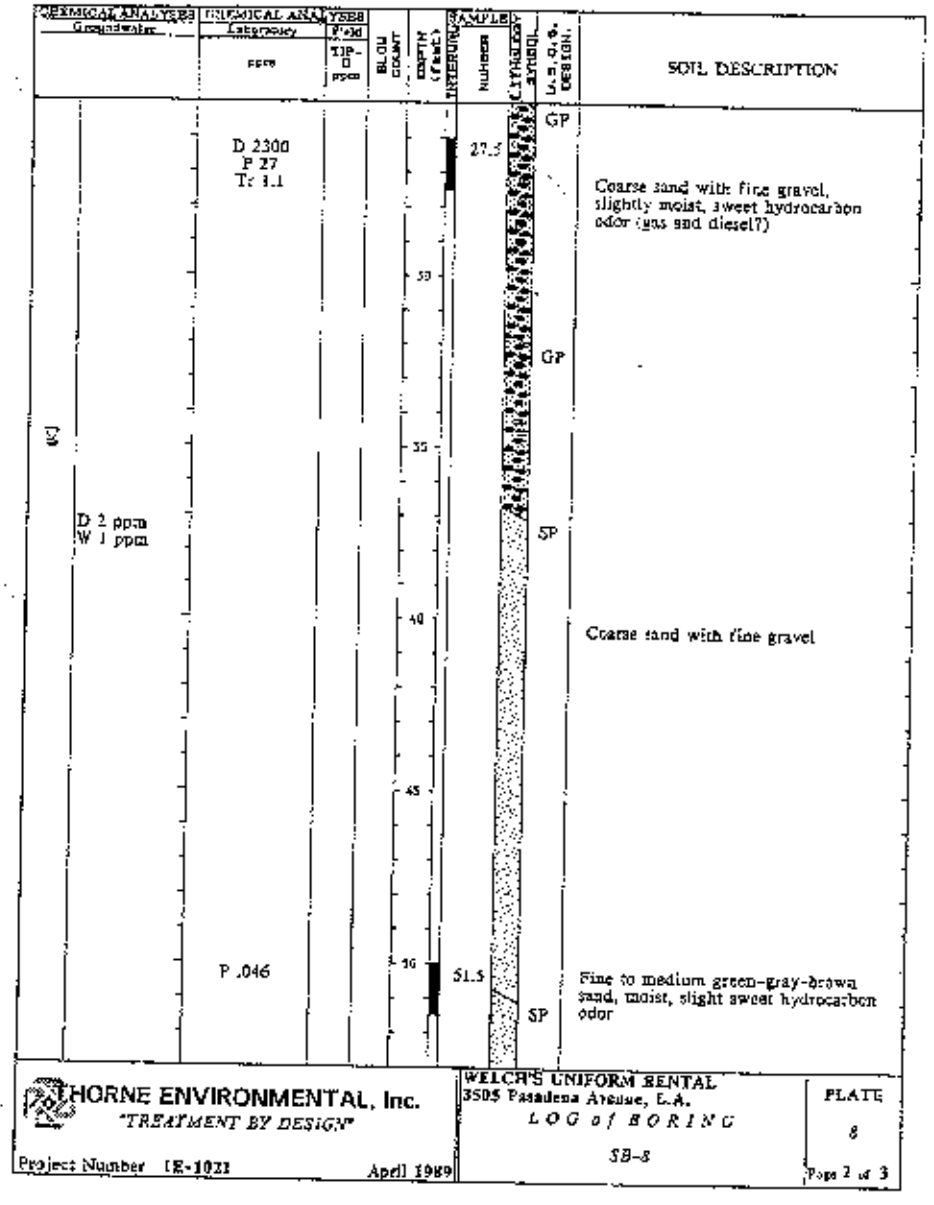


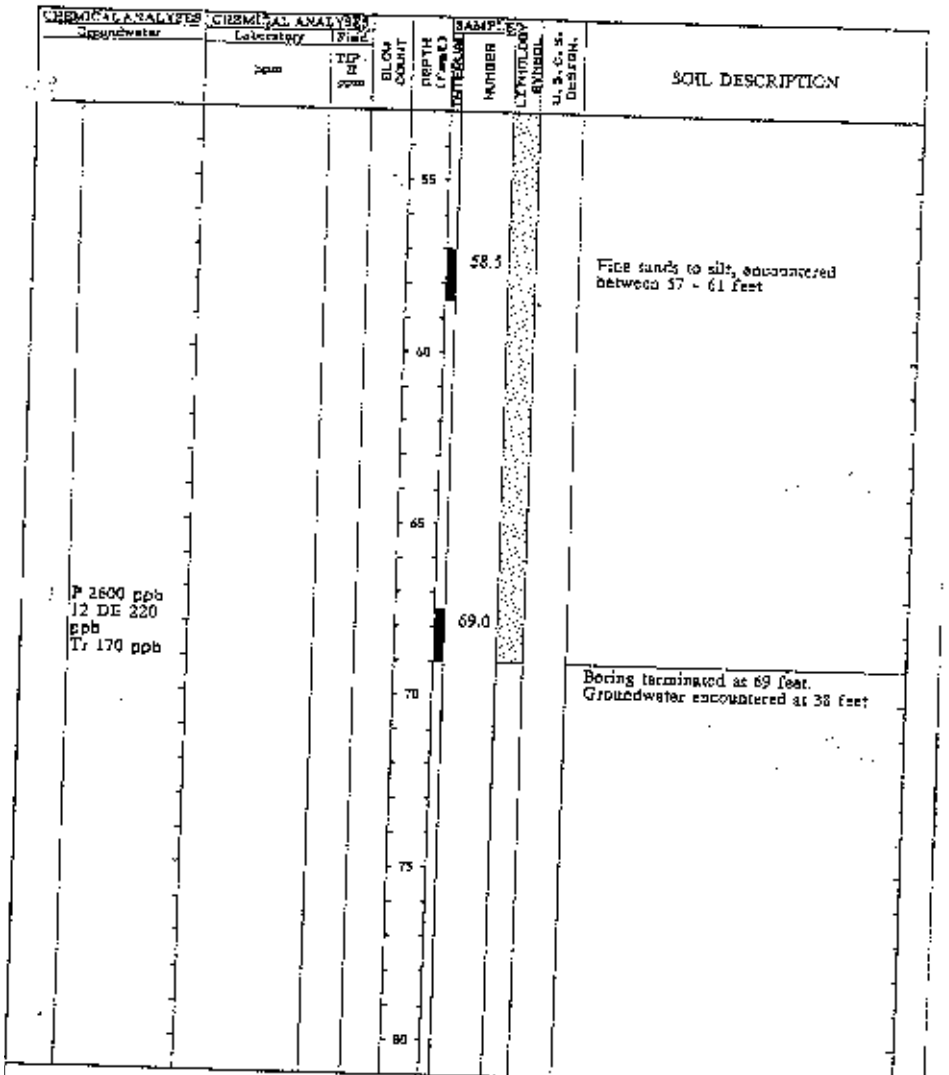
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021 April 1989

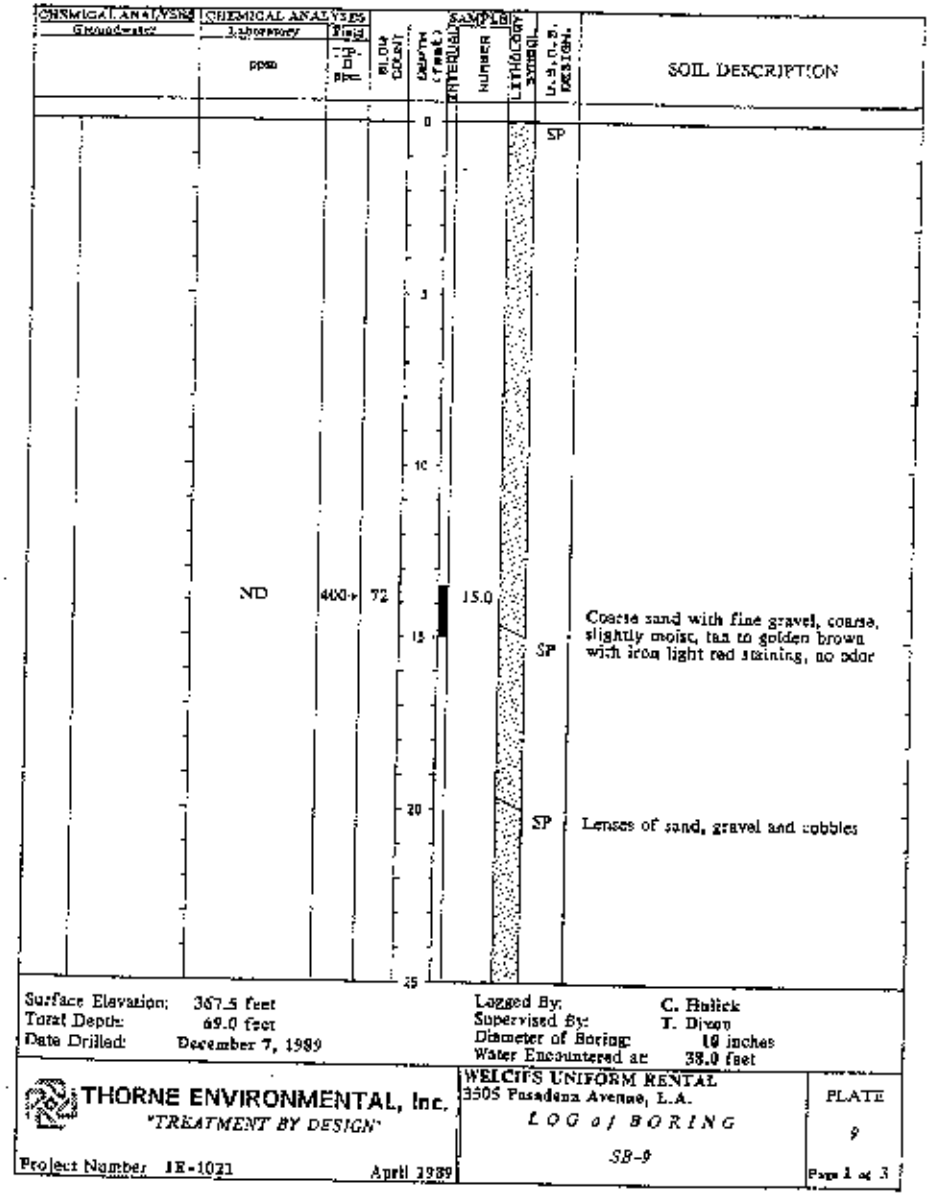
WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-7

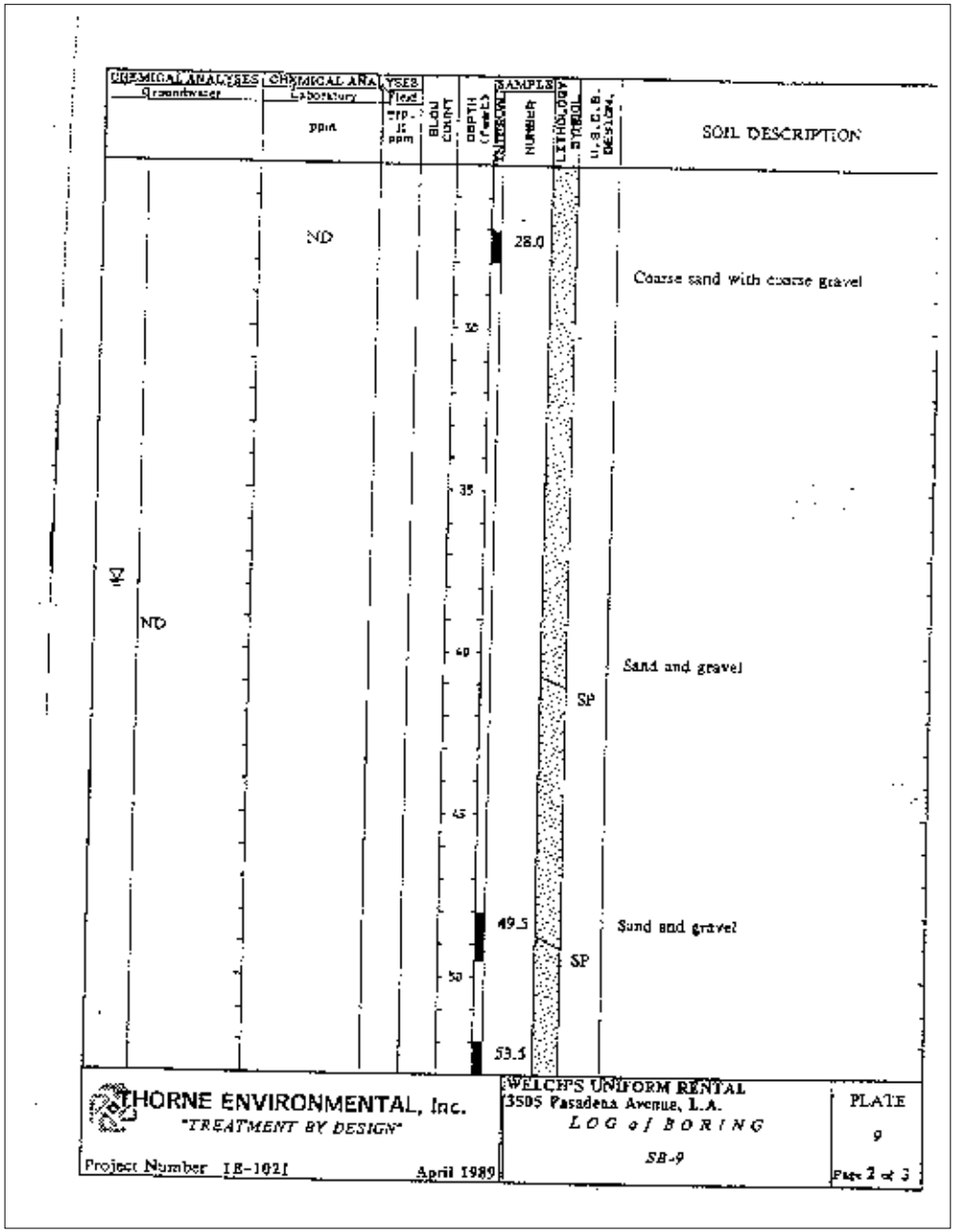
PLATE 7
Page 2 of 2

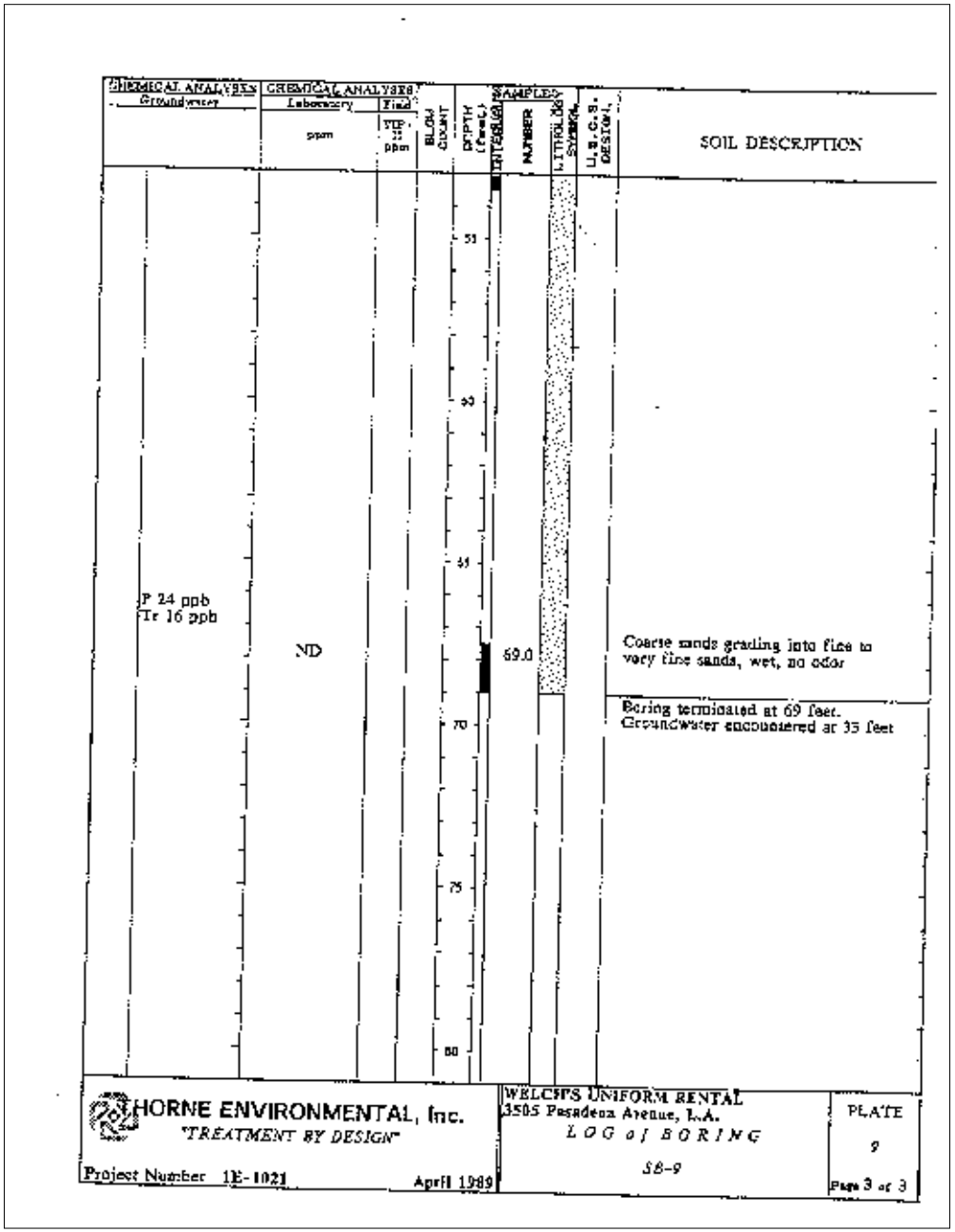

CHEMICAL ANALYSES Groundwater
CHEMICAL ANALYSES Laboratory
ppm
TIP-1 ppm
BLOW COUNT
DEPTH (Feet)
SAMPLE INTERVAL
Number
LITHOLOGY SYMBOL
U.S.C.S. DESIGN.
SOIL DESCRIPTION
SP
Dark golden brown
SP
P .011
2000
30
15.5
Rusty to pepper gray, slightly moist, fine to coarse sand with gravel, no odor
SP
P .006
200+
43
20.0
Coarse sand and fine gravel, slightly moist, no odor
GP
Surface Elevation: 364.5 feet
Total Depth: 69.0 feet
Date Drilled: November 21, 1988
Logged By: C. Hallck
Supervised By: T. Dixon
Diameter of Boring: 10 inches
Water Encountered at: 35.0 feet
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021
April 1989
WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-8
PLATE
8
Page 1 of 3

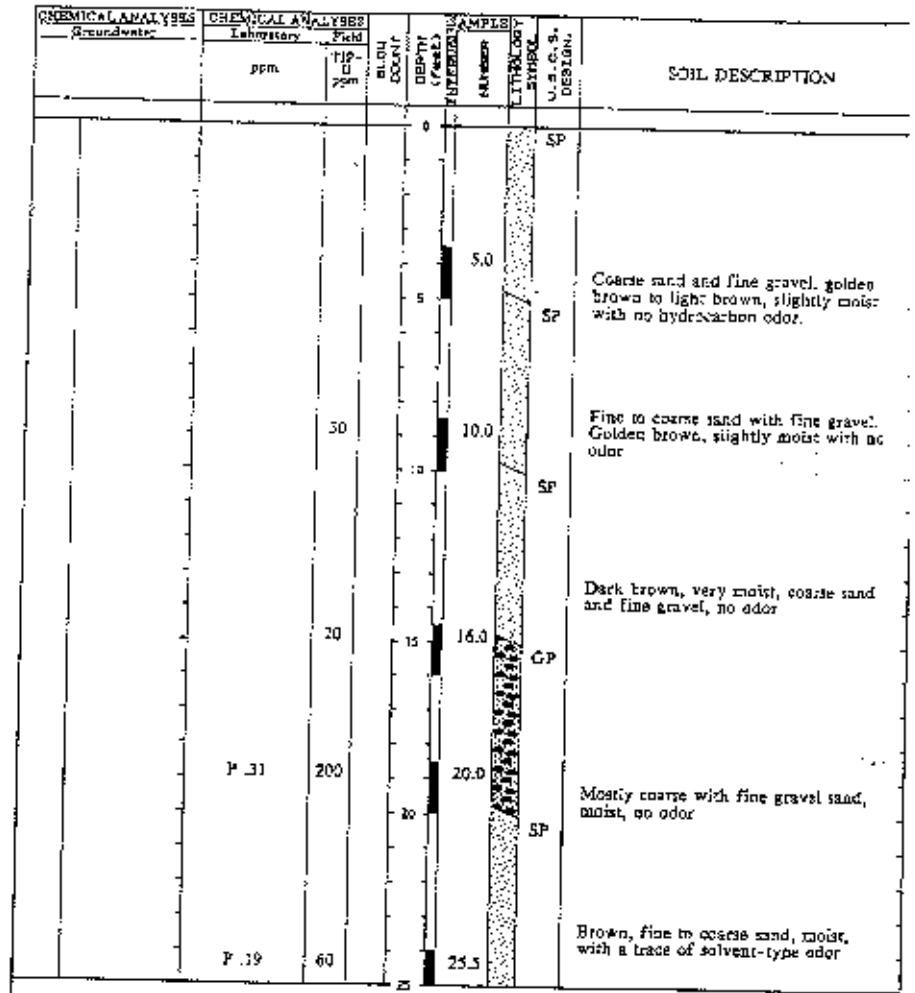

CHEMICAL ANALYSES Groundwater
CHEMICAL ANALYSES Laboratory
Field
ppm
TIP-0 ppm
BLOW COUNT
DEPTH (Feet)
SAMPLE INTERVAL
Number
LITHOLOGY SYMBOL
U.S.C.S. DESIGN.
SOIL DESCRIPTION
D 2300
P 27
Tr 8.1
27.5
GP
Coarse sand with fine gravel, slightly moist, sweet hydrocarbon odor (gas and diesel?)
GP
D 2 ppm
W 1 ppm
SP
Coarse sand with fine gravel
P .046
51.5
Fine to medium green-gray-brown sand, moist, slight sweet hydrocarbon odor
SP
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021
April 1989
WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-8
PLATE
8
Page 2 of 3


CHEMICAL ANALYSES Groundwater
CHEMICAL ANALYSES Laboratory
ppm
CHEMICAL ANALYSES Field
TCE PCE ppm
BLOW COUNT
DEPTH (Feet)
SAMPLES
NUMBER
LITHOLOGY SYMBOL
U.S.C.S. DESIGN.
SOIL DESCRIPTION
55
60
65
70
75
80
58.5
69.0
P 2600 ppb
12 DE 220 ppb
Tr 170 ppb
Fine sands to silt, encountered between 57 - 61 feet
Boring terminated at 69 feet.
Groundwater encountered at 38 feet
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021
April 1989
WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-8
PLATE
8
Page 3 of 3


CHEMICAL ANALYSES Groundwater
CHEMICAL ANALYSES Laboratory
ppm
CHEMICAL ANALYSES Field
TCE PCE ppm
BLOW COUNT
DEPTH (Feet)
SAMPLES
INTERVAL
NUMBER
LITHOLOGY SYMBOL
U.S.C.S. DESIGN.
SOIL DESCRIPTION
0
5
10
15
20
25
SP
SP
SP
15.0
ND
400+
72
Coarse sand with fine gravel, coarse, slightly moist, tan to golden brown with iron light red staining, no odor
Lenses of sand, gravel and cobbles
Surface Elevation: 367.5 feet
Total Depth: 69.0 feet
Date Drilled: December 7, 1989
Logged By: C. Hulick
Supervised By: T. Dixon
Diameter of Boring: 10 inches
Water Encountered at: 38.0 feet
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021
April 1989
WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-9
PLATE
9
Page 1 of 3


CHEMICAL ANALYSES Groundwater
CHEMICAL ANALYSES Laboratory
ppm
Field ppm
BLOW COUNT
DEPTH (Feet)
SAMPLES NUMBER
LITHOLOGY SYMBOL
U.S.C.S. DESIGN.
SOIL DESCRIPTION
ND
ND
28.0
Coarse sand with coarse gravel
35
40
Sand and gravel
SP
45
49.5
Sand and gravel
SP
50
53.5
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021
April 1989
WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-9
PLATE
9
Page 2 of 3


CHEMICAL ANALYSES Groundwater
CHEMICAL ANALYSES Laboratory
ppm
Field ppm
BLOW COUNT
DEPTH (Feet)
SAMPLES NUMBER
LITHOLOGY SYMBOL
U.S.C.S. DESIGN.
SOIL DESCRIPTION
P 24 ppb
Tr 16 ppb
ND
55
60
65
69.0
70
75
80
Coarse sands grading into fine to very fine sands, wet, no odor
Boring terminated at 69 feet.
Groundwater encountered at 35 feet
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021
April 1989
WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-9
PLATE
9
Page 3 of 3



Surface Elevation: 364.5 feet
Total Depth: 29.0 feet
Date Drilled: December 7, 1989

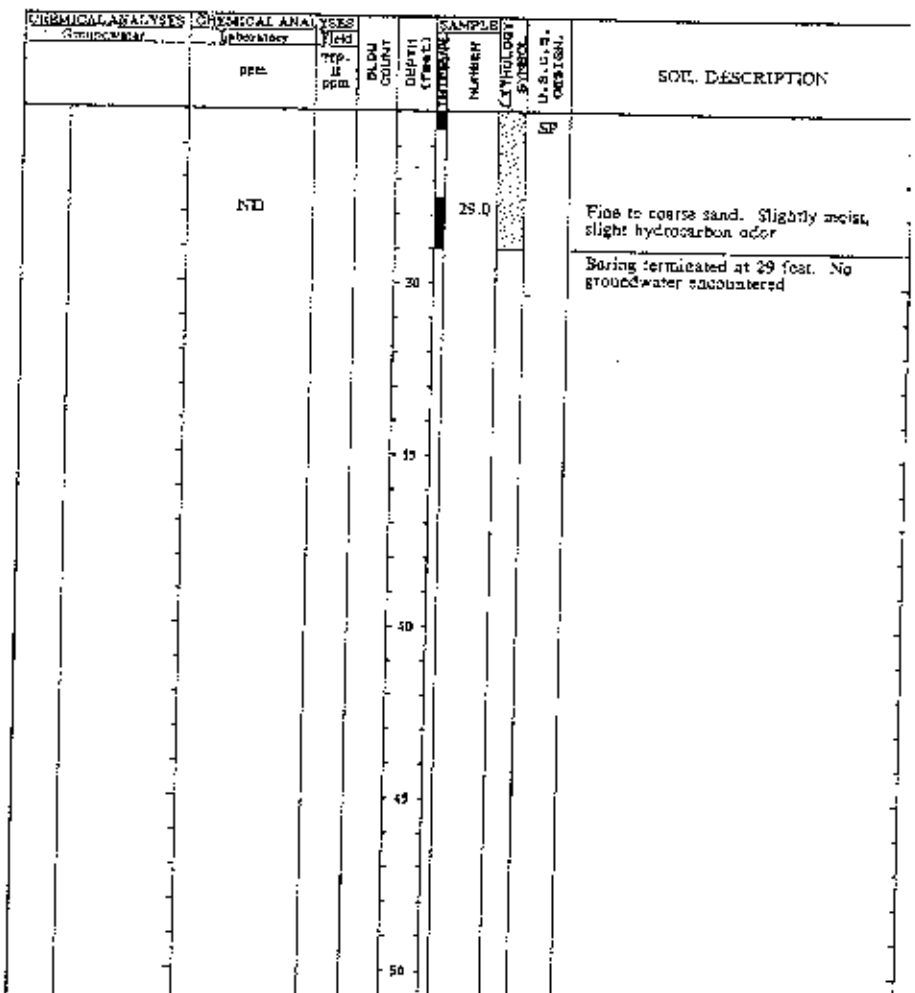
Logged By: C. Hullick
Supervised By: T. Dixon
Diameter of Boring: 10 inches
Water Encountered at: feet

THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021 April 1989

WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-10

PLATE 10

Page 1 of 2

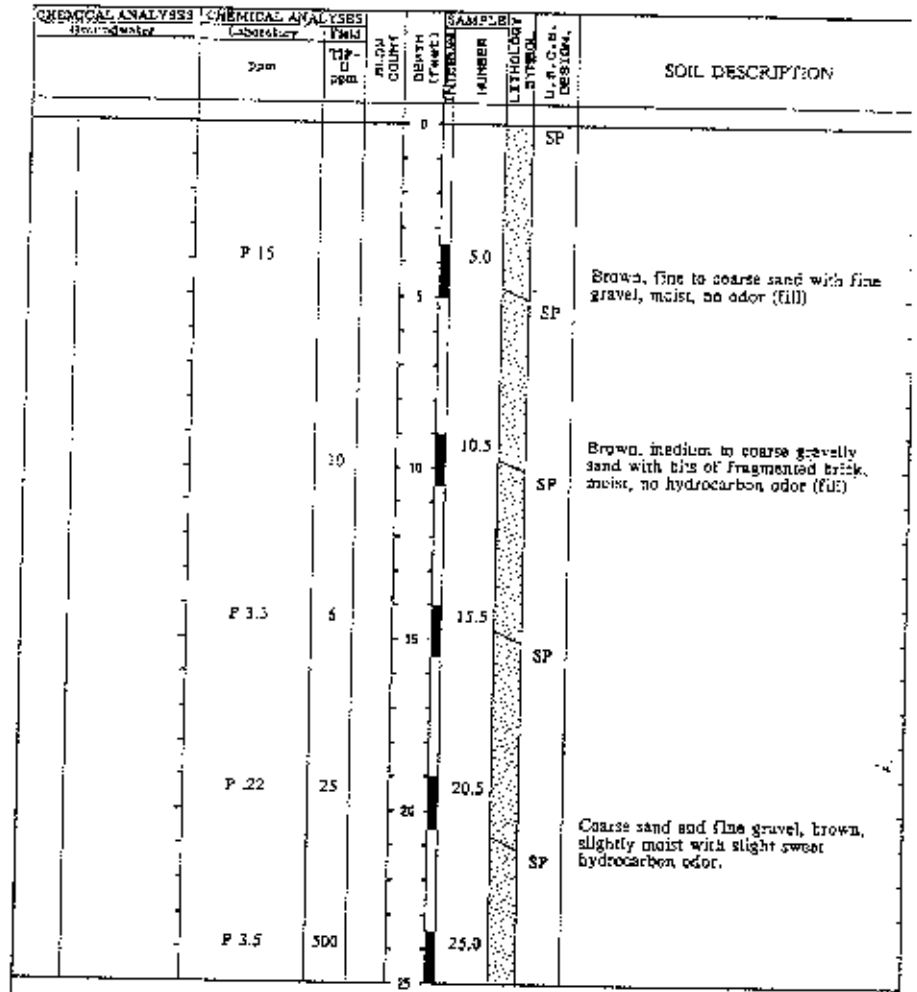


THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021 April 1989

WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-10

PLATE 10

Page 2 of 2



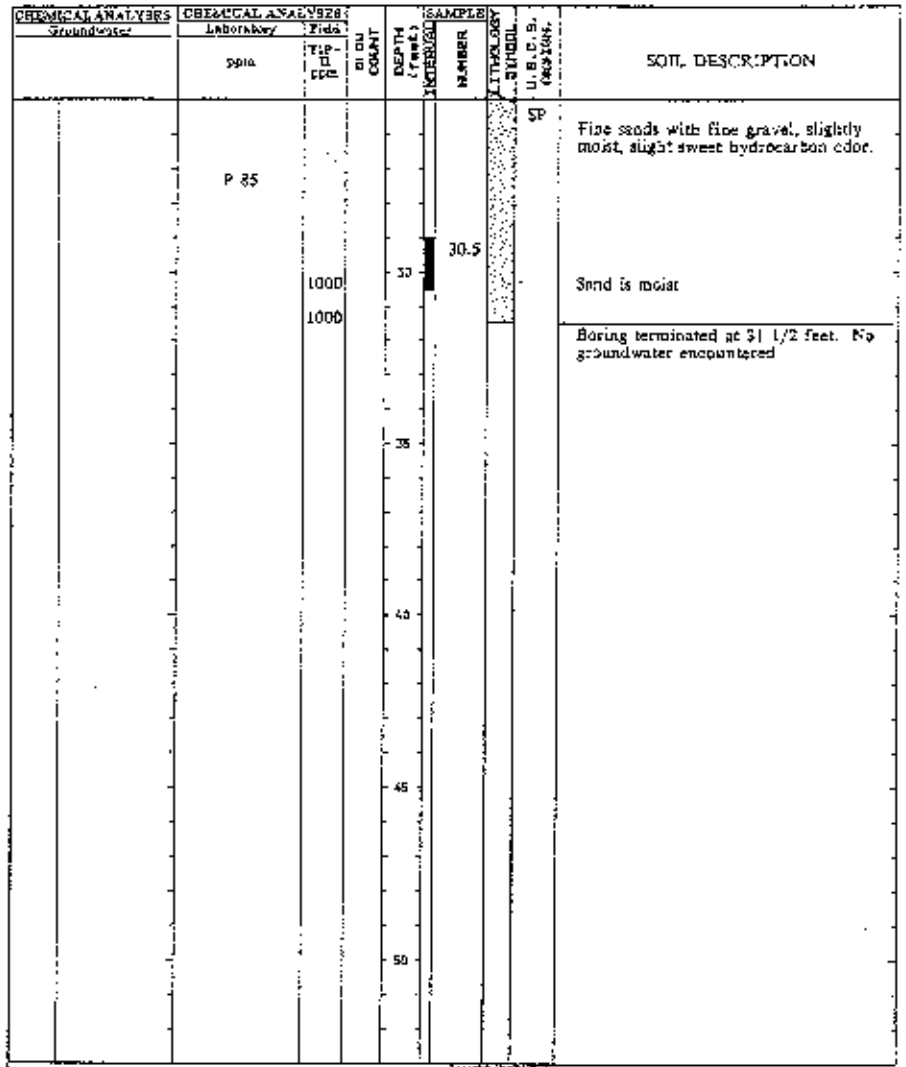
Surface Elevation: 364.6 feet
Total Depth: 31.5 feet
Date Drilled: December 7, 1989

Logged By: C. Hulick
Supervised By: T. Dixon
Diameter of Boring: 10 inches
Water Encountered at: feet

THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021 April 1989

WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-11

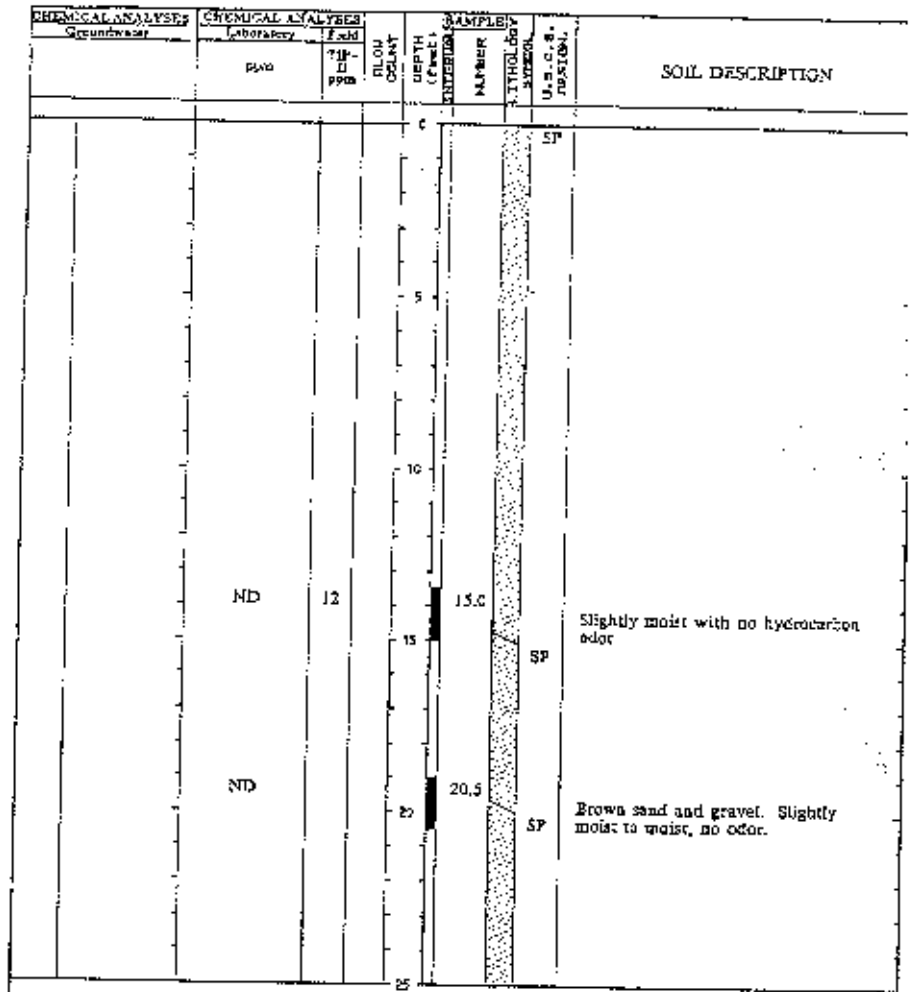
PLATE 11



THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021 April 1989

WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-11

PLATE 11



Surface Elevation: 364.5 feet
Total Depth: 30.0 feet
Date Drilled: December 7, 1988

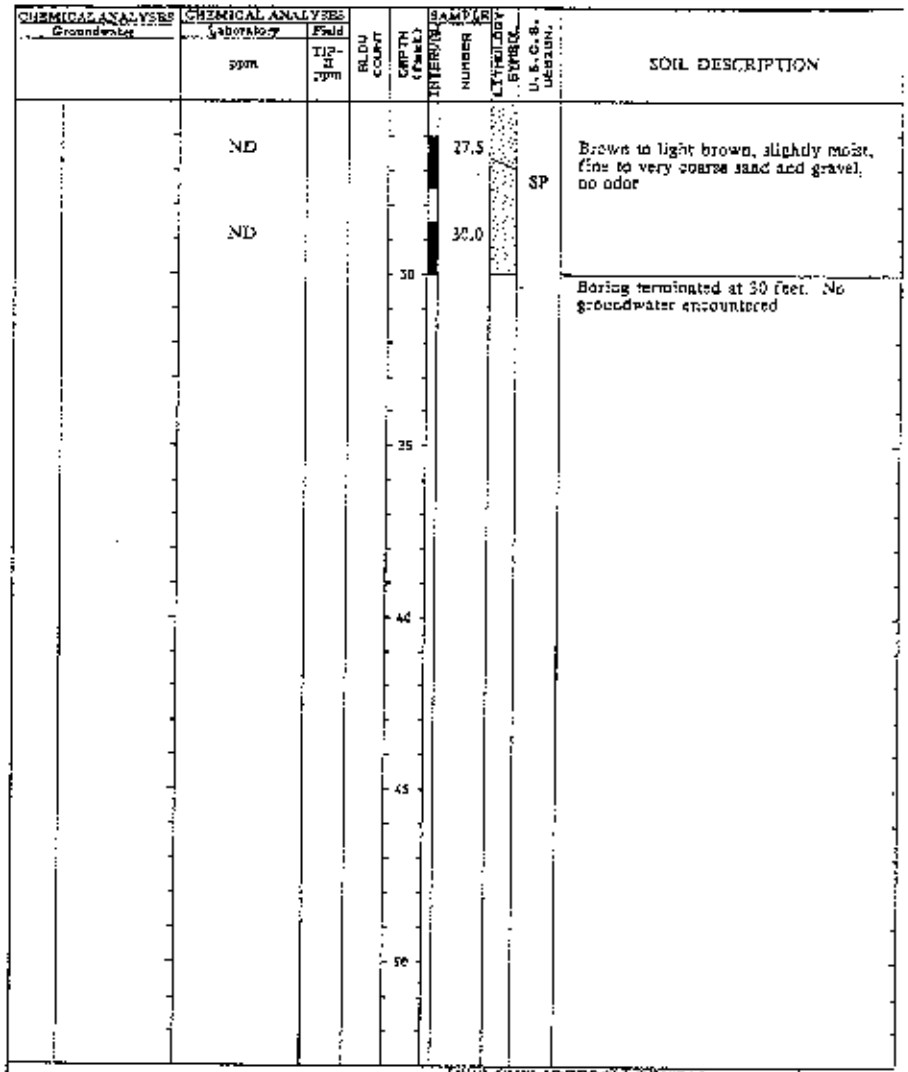
Logged By: C. Hulick
Supervised By: T. Dixon
Diameter of Boring: 10 inches
Water Encountered at: feet

THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"

Project Number 1E-1021 April 1989

WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-12

PLATE 12

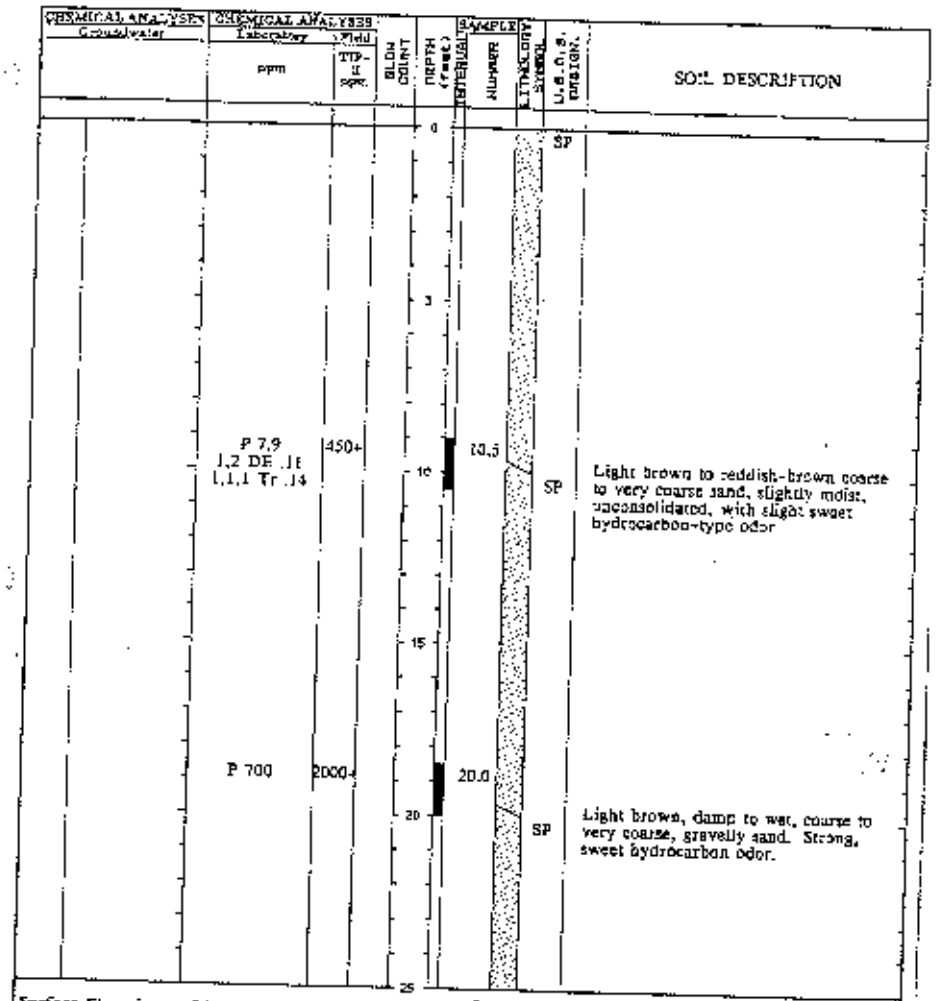


THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"

Project Number 1E-1021 April 1989

WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-12

PLATE 12



Surface Elevation: 364.6 feet
Total Depth: 69.0 feet
Date Drilled: December 7, 1988

Logged By: C. Hulick
Supervised By: T. Dixon
Diameter of Boring: 10 inches
Water Encountered at: 34.0 feet

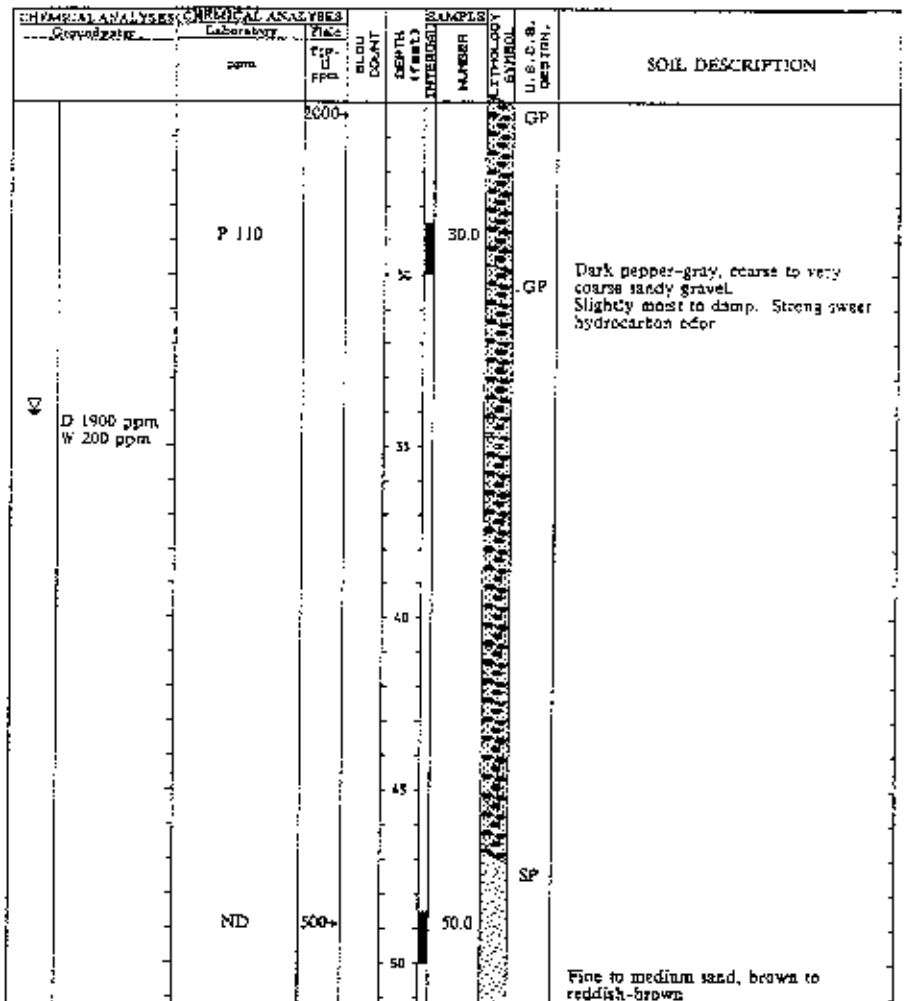
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"

Project Number 1E-1021 April 1989

WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-13

PLATE 13

Page 1 of 3



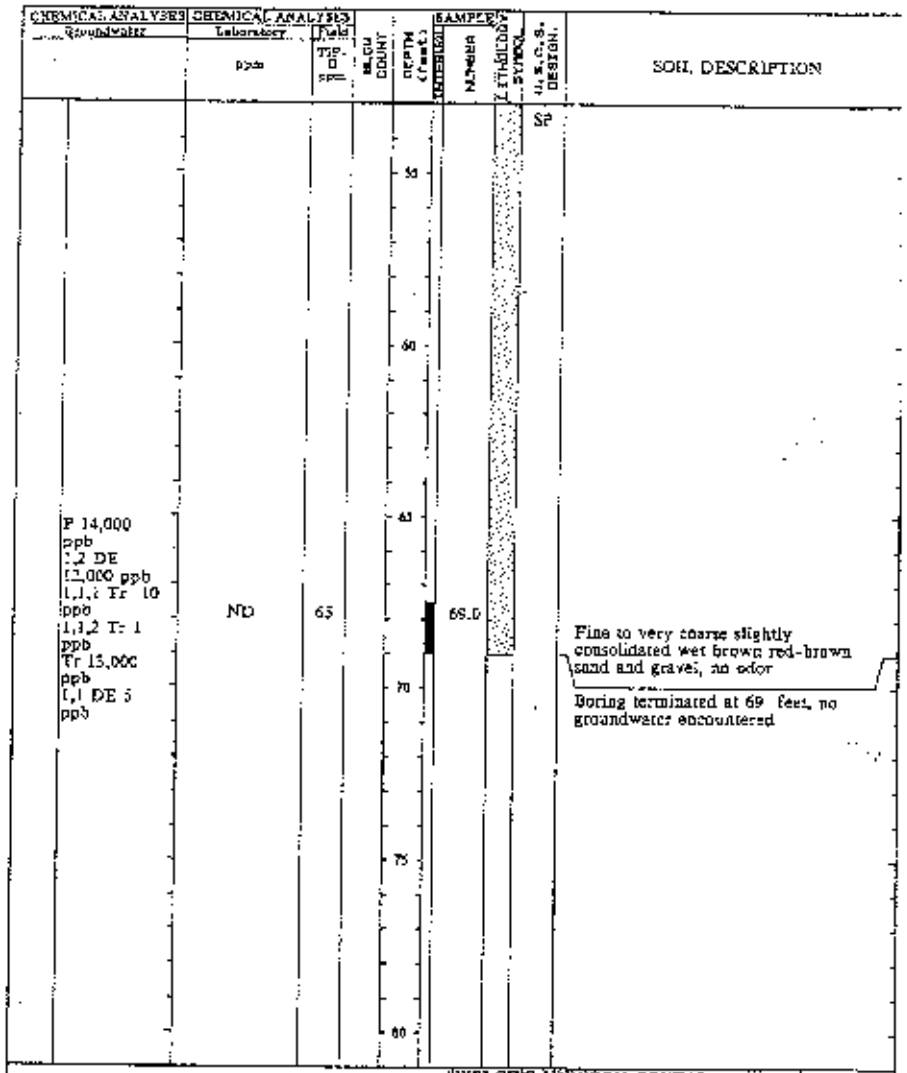
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"

Project Number 1E-1021 April 1989

WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-13

PLATE 13

Page 2 of 3



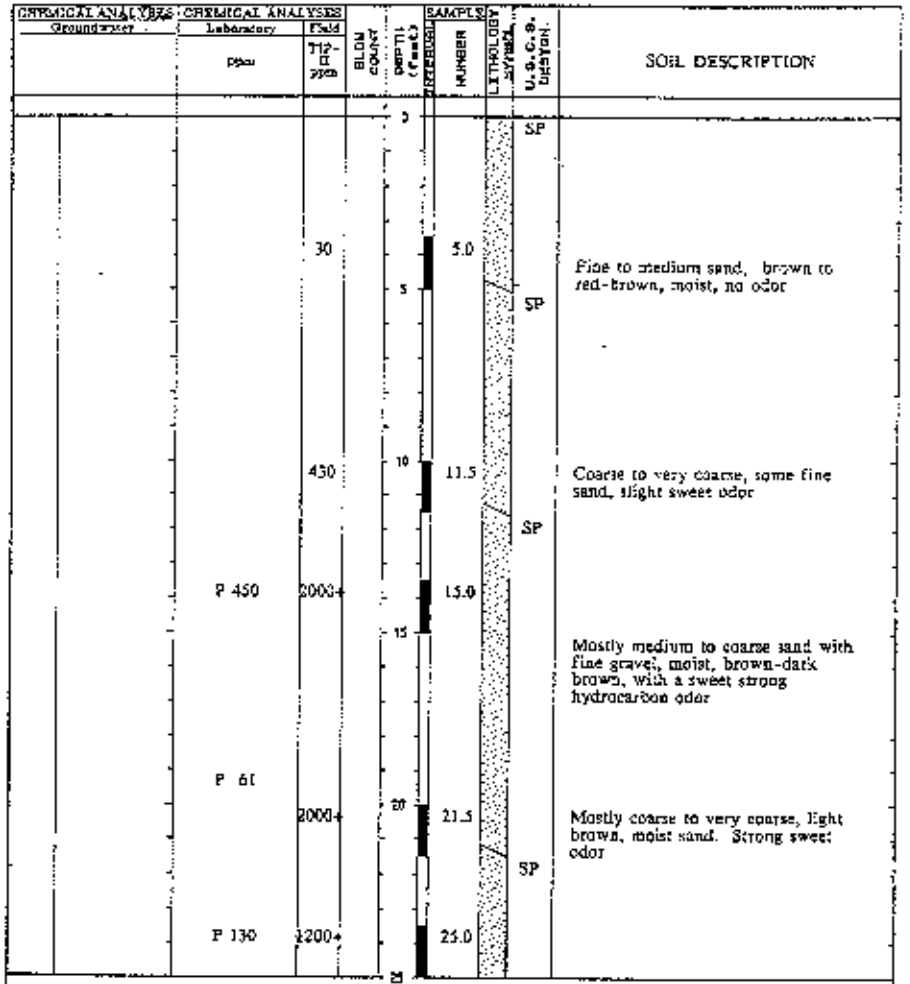
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"

Project Number 1E-1021 April 1989

WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-13

PLATE 13

Page 3 of 3



Surface Elevation: 364.7 feet
Total Depth: 30.0 feet
Date Drilled: December 7, 1988

Logged By: C. Hallek
Supervised By: T. Dixon
Diameter of Boring: 10 inches
Water Encountered at: feet

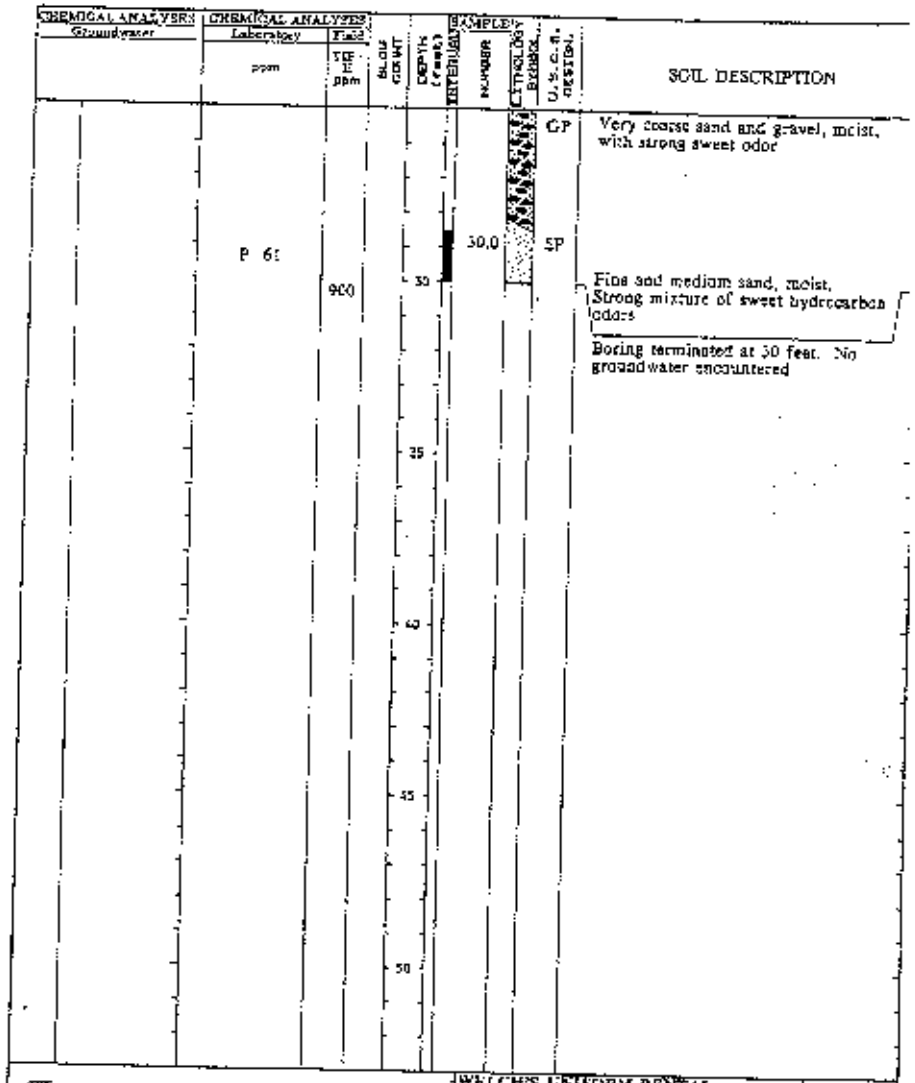
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"

Project Number 1E-1021 April 1989

WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-14

PLATE 14

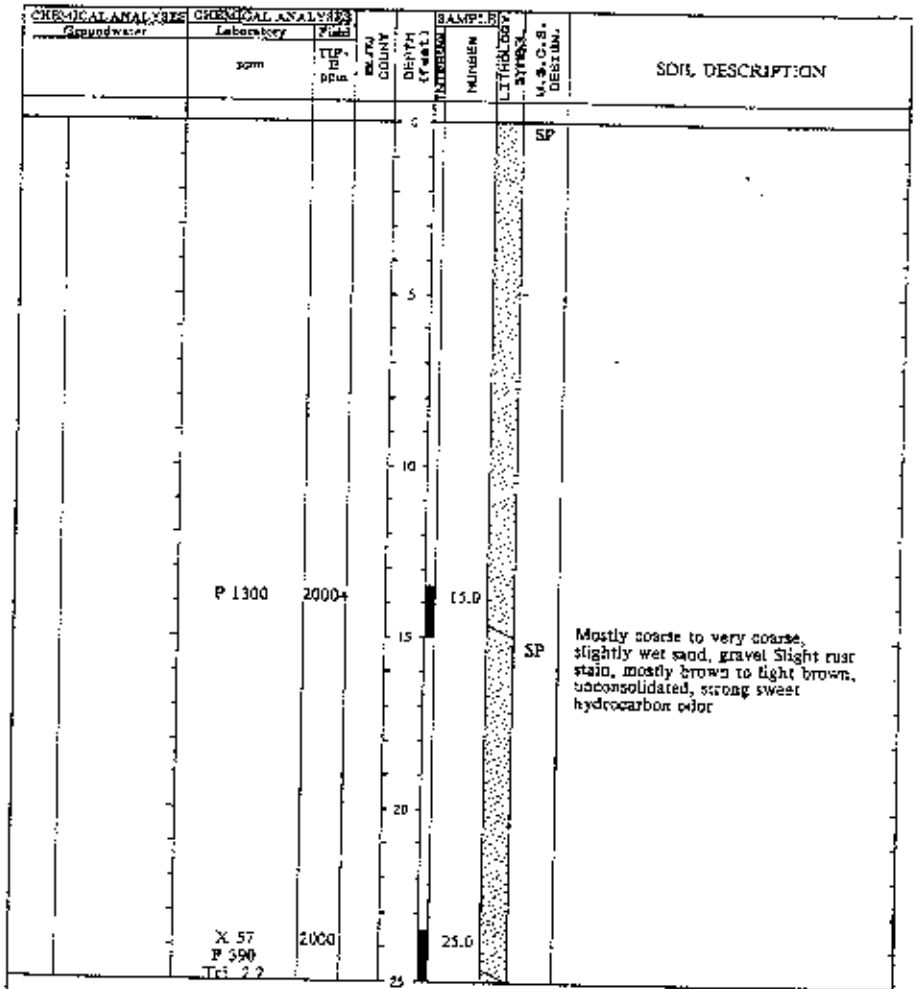
Page 1 of 2



THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021 April 1989

WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-14

PLATE 14
Page 2 of 2



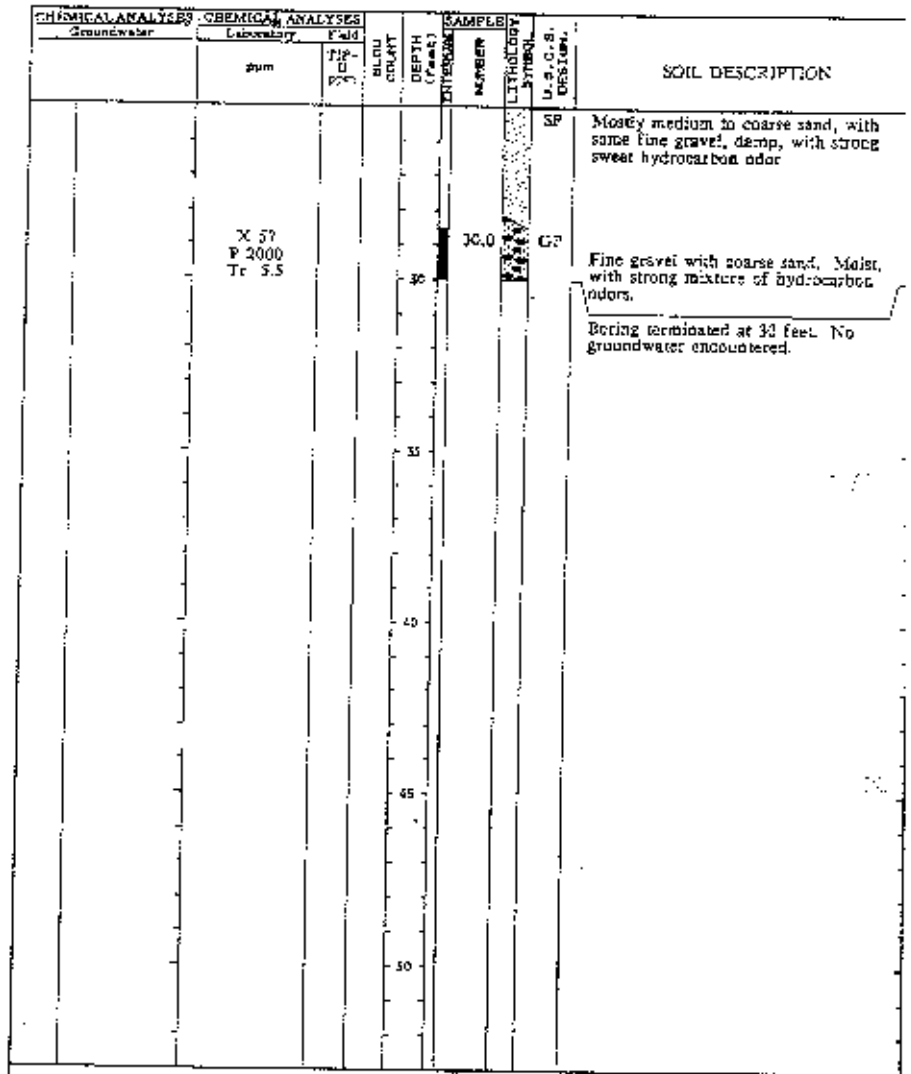
Surface Elevation: 364.7 feet
Total Depth: 30.0 feet
Date Drilled: December 8, 1988

Logged By: C. Hullck
Supervised By: T. Dixon
Diameter of Boring: 10 inches
Water Encountered at: feet

THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021 April 1989

WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-15

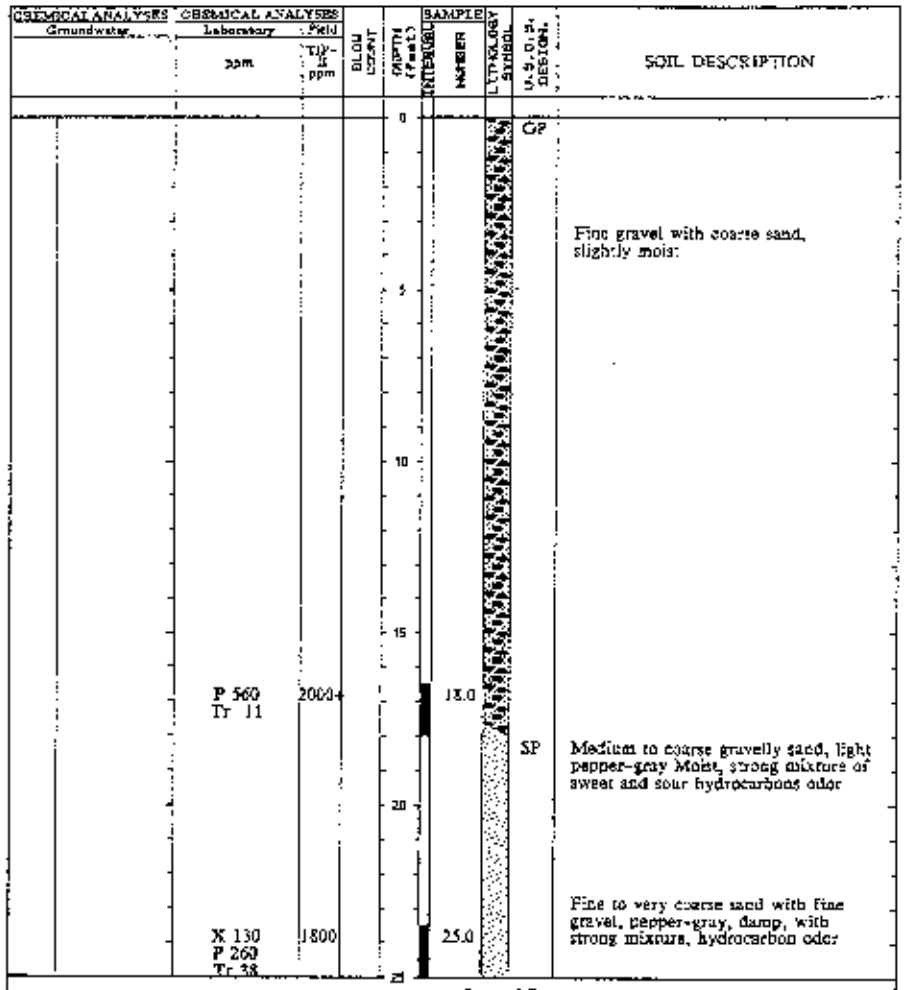
PLATE 15
Page 1 of 2



THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021 April 1989

WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-15

PLATE 15
Page 2 of 2



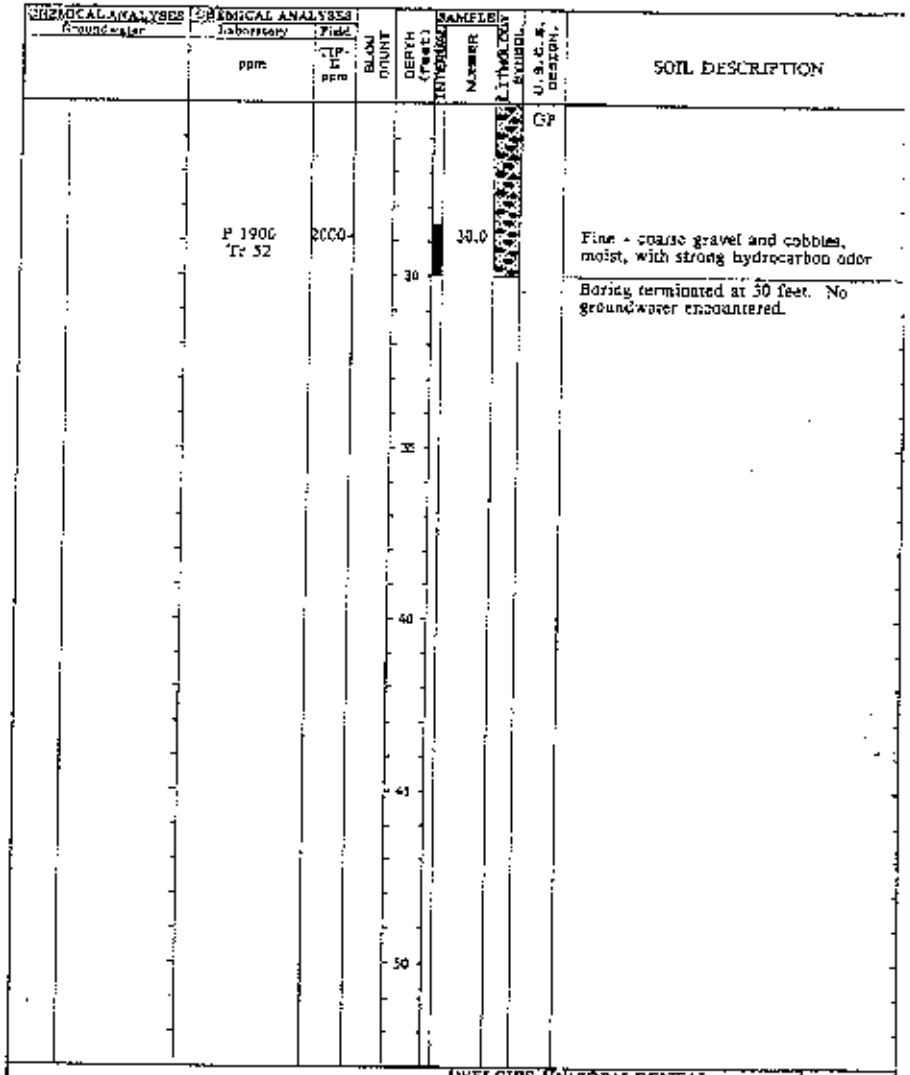
Surface Elevation: 364.7 feet
Total Depth: 30.0 feet
Date Drilled: December 8, 1988

Logged By: C. Hulick
Supervised By: T. Dixon
Diameter of Boring: 10 inches
Water Encountered at: feet

THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021 April 1989

WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-16

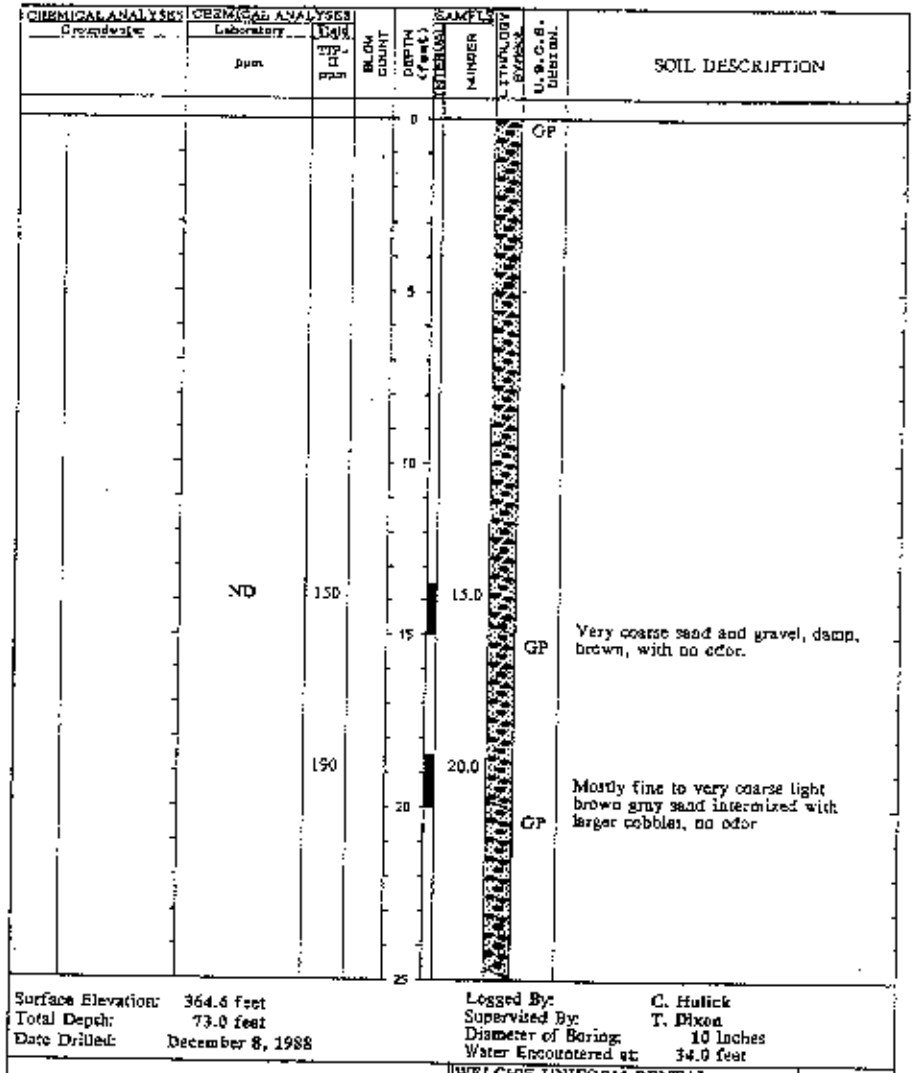
PLATE 16
Page 1 of 2



THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021 April 1989

WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-16

PLATE 16
Page 2 of 2



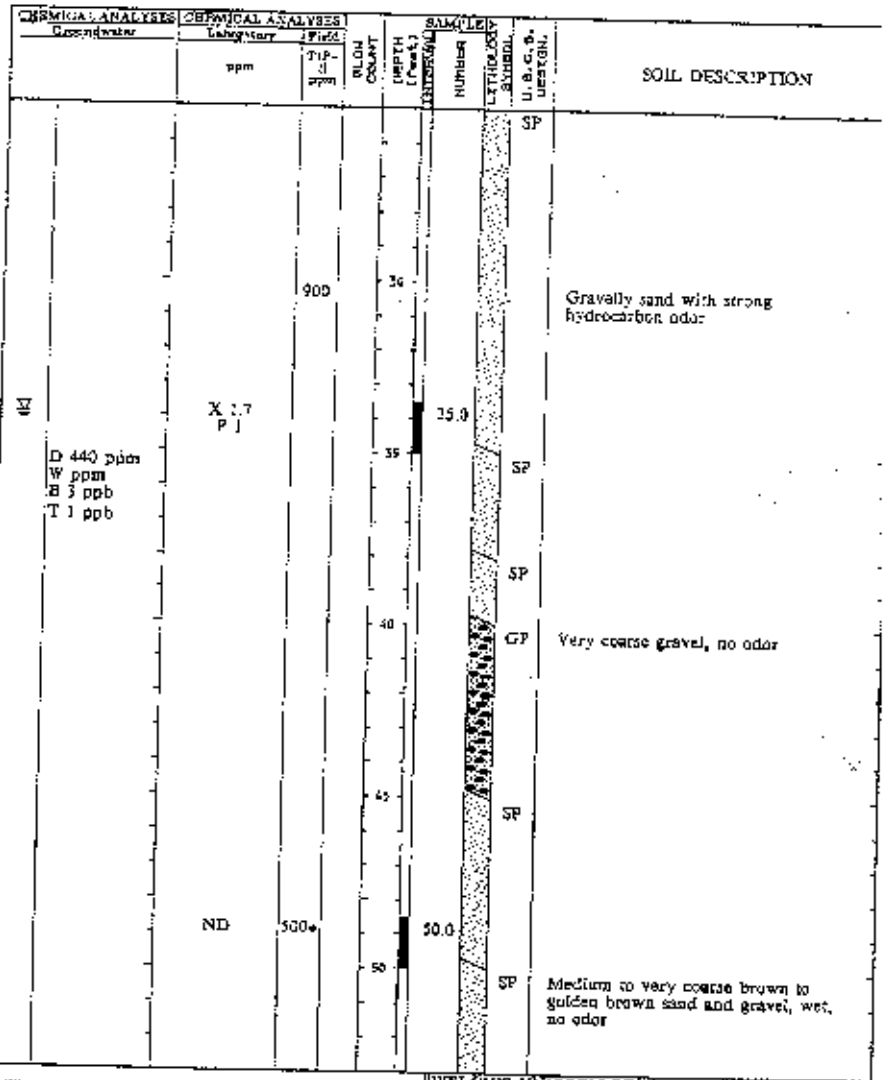
Surface Elevation: 364.6 feet
Total Depth: 73.0 feet
Date Drilled: December 8, 1988

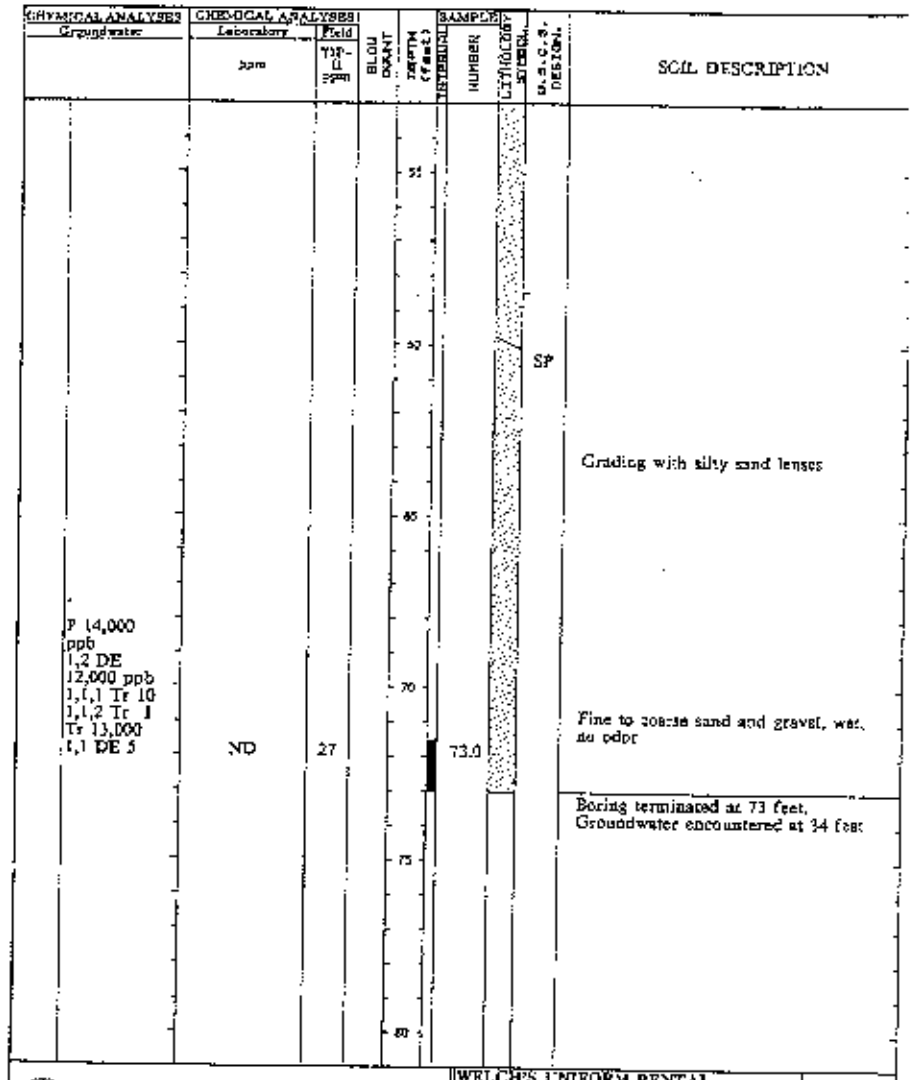
Logged By: C. Hulick
Supervised By: T. Dixon
Diameter of Boring: 10 Inches
Water Encountered at: 34.0 feet

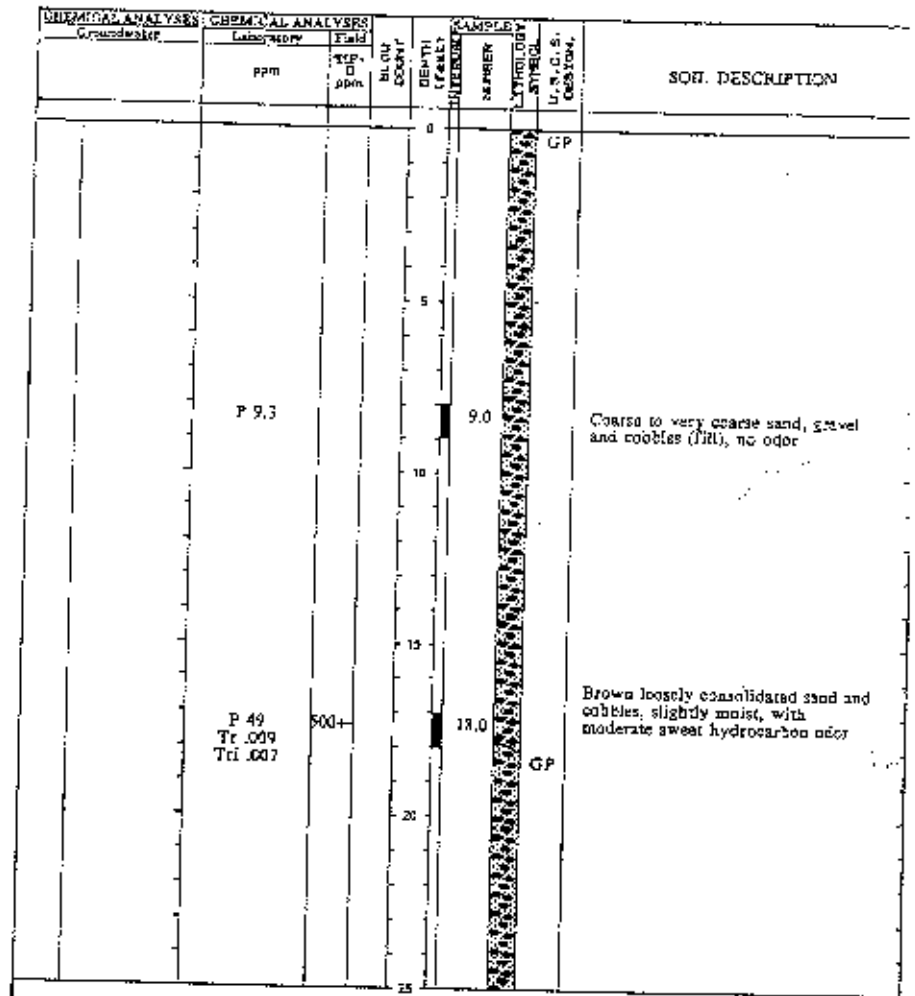
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021 April 1989

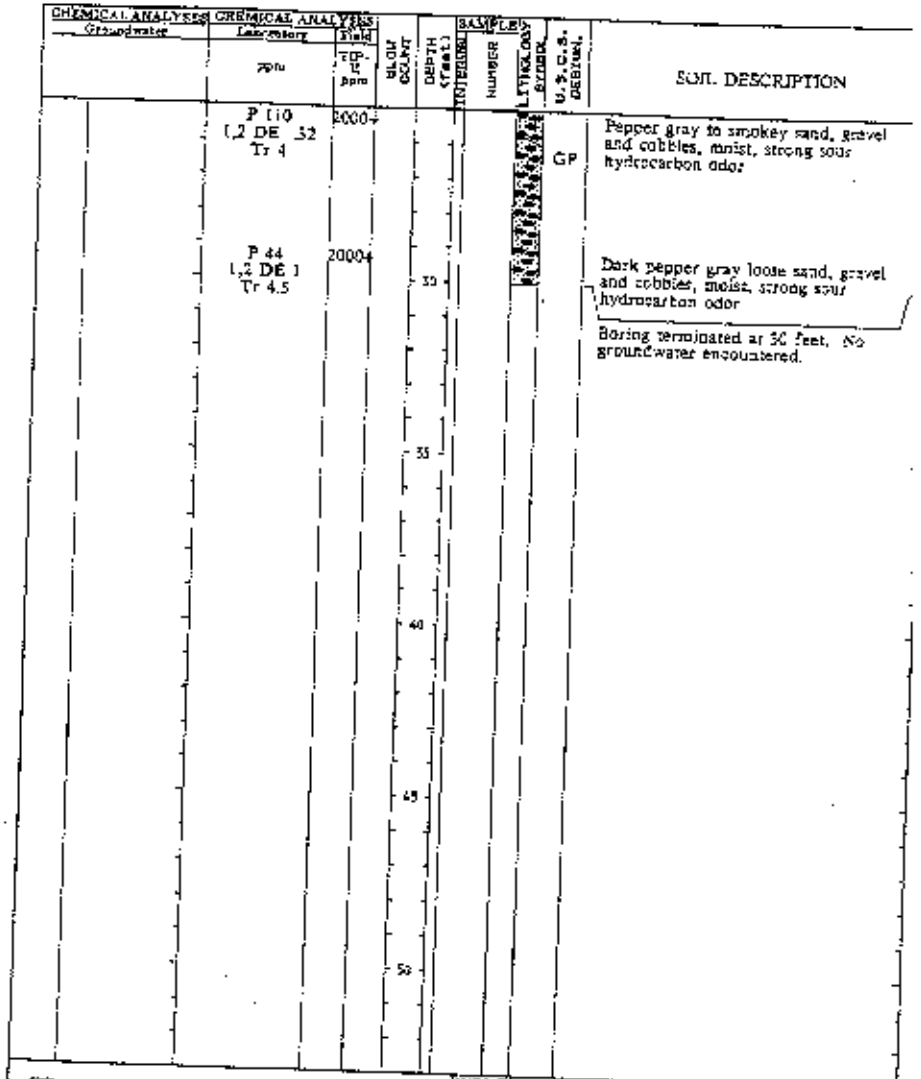
WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-17

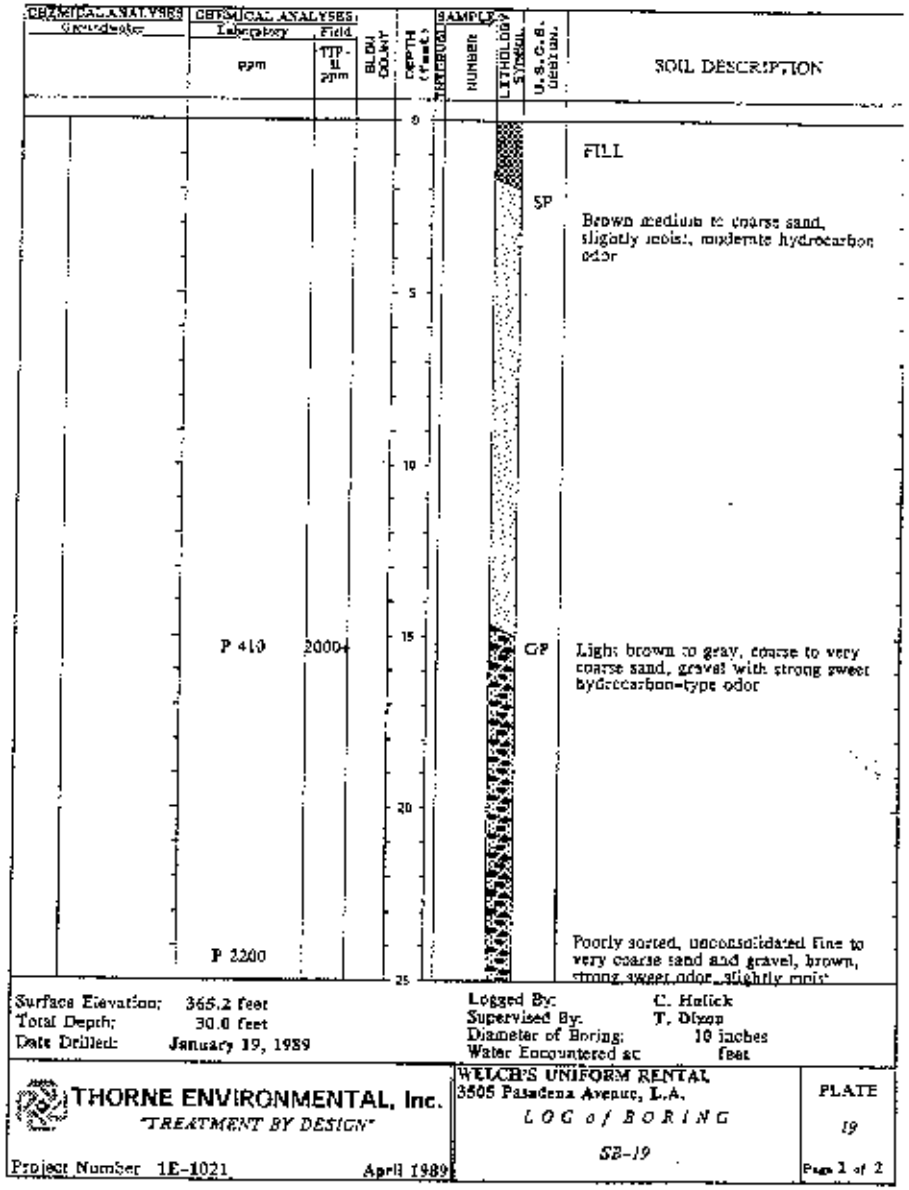
PLATE 17
Page 1 of 3

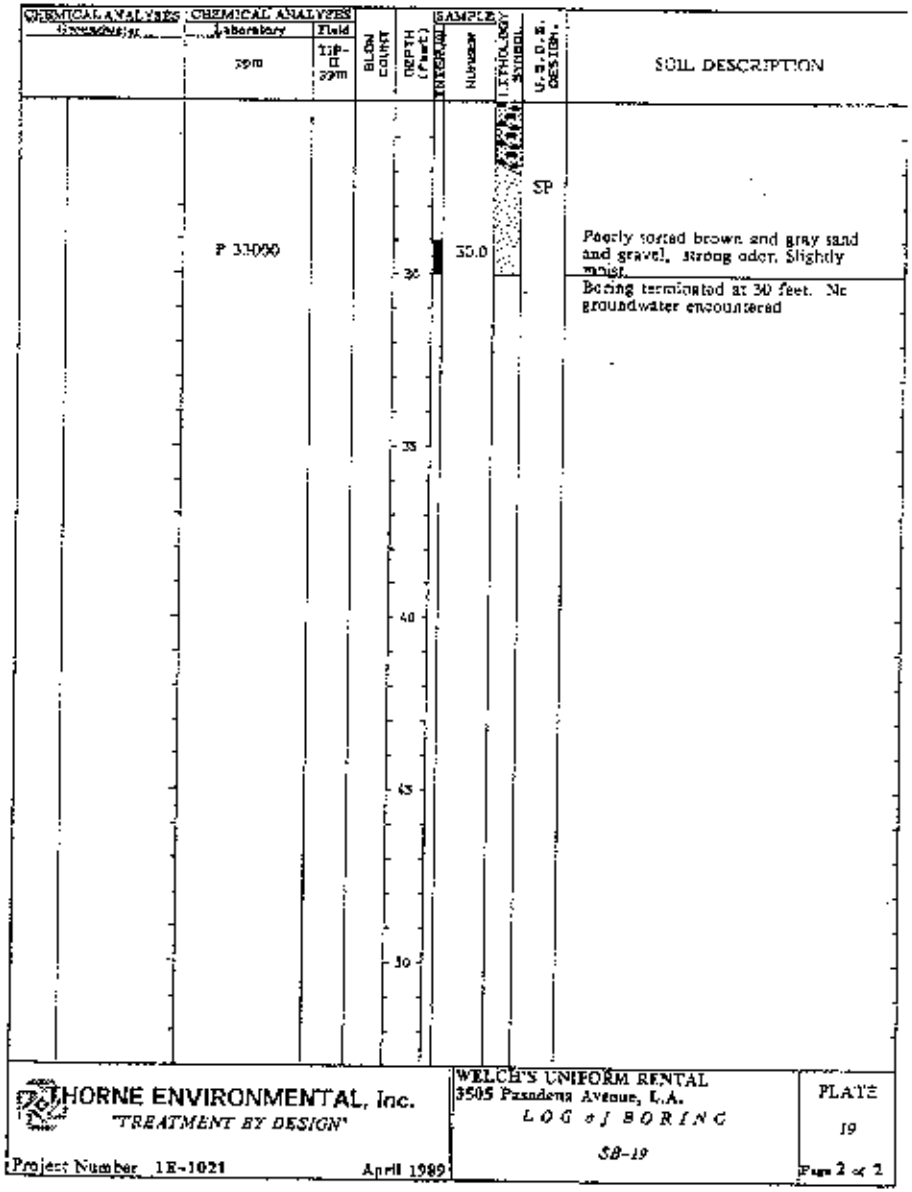

CHEMICAL ANALYSES
Groundwater
CHEMICAL ANALYSES
Laboratory
ppm
Field
TVP-FID ppm
BLOW COUNT
DEPTH (Feet)
SAMPLE
NUMBER
LITHOLOGY SYMBOL
U.S.C.S. DESIGN.
SOIL DESCRIPTION
SP
900
Gravelly sand with strong hydrocarbon odor
D 440 ppm
W ppm
B 3 ppb
T 1 ppb
X 1.7
P 1
35.0
SP
SP
GP
Very coarse gravel, no odor
SP
ND
500+
50.0
SP
Medium to very coarse brown to golden brown sand and gravel, wet, no odor
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021
April 1989
WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-17
PLATE
17
Page 2 of 3

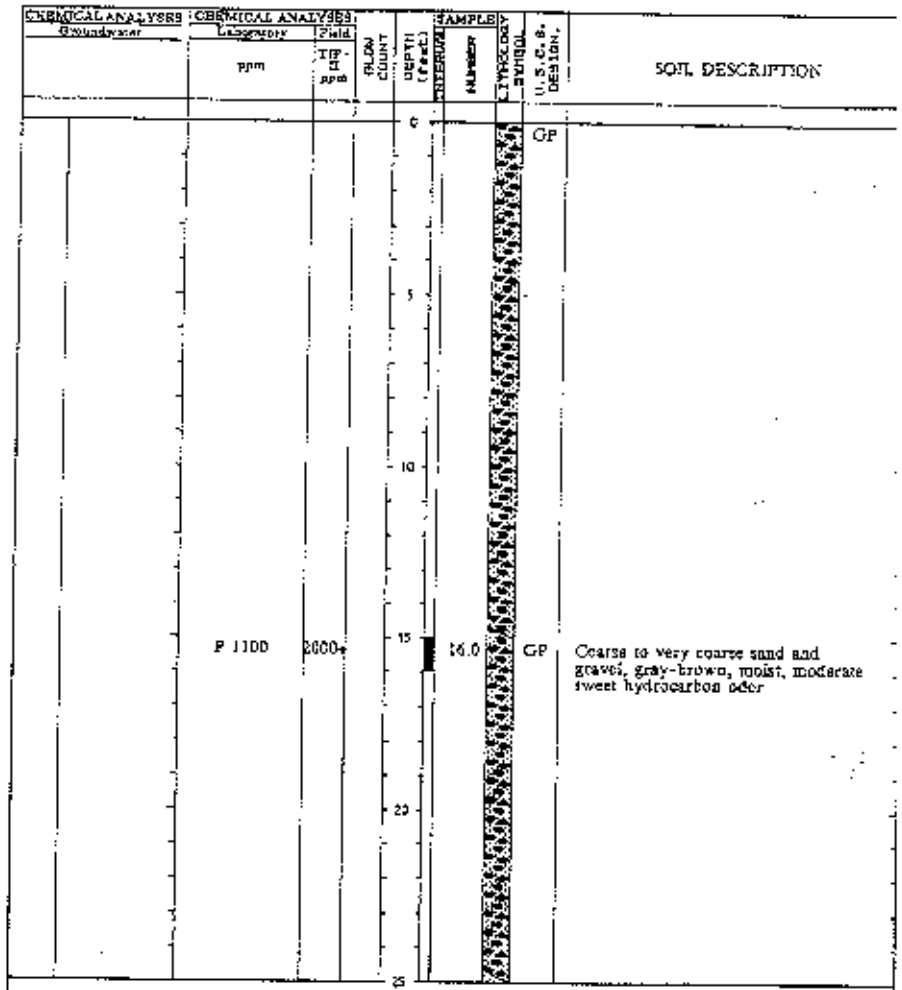

CHEMICAL ANALYSES
Groundwater
CHEMICAL ANALYSES
Laboratory
ppm
Field
TVP-FID ppm
BLOW COUNT
DEPTH (Feet)
SAMPLE
NUMBER
LITHOLOGY SYMBOL
U.S.C.S. DESIGN.
SOIL DESCRIPTION
55
60
65
70
75
80
SP
Grading with silty sand lenses
P 14,000 ppb
1,2 DE 12,000 ppb
1,1,1 Tr 10
1,1,2 Tr 1
Tr 13,000
1,1 DE 5
ND
27
73.0
Fine to coarse sand and gravel, wet, no odor
Boring terminated at 73 feet. Groundwater encountered at 34 feet
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021
April 1989
WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-17
PLATE
17
Page 3 of 3


CHEMICAL ANALYSES Groundwater
CHEMICAL ANALYSES Laboratory
ppm
Field TIP, OI ppm
BLOW COUNT
DEPTH (Feet)
SAMPLES INTERVAL
NUMBER
LITHOLOGY SYMBOL
U.S.C.S. DESIGN.
SOIL DESCRIPTION
GP
P 9.3
9.0
Coarse to very coarse sand, gravel and cobbles (fill), no odor
P 49
Tr .009
Tri .007
500+
18.0
Brown loosely consolidated sand and cobbles, slightly moist, with moderate sweet hydrocarbon odor
GP
Surface Elevation: 364.9 feet
Total Depth: 30.0 feet
Date Drilled: January 19, 1989
Logged By: C. Hulick
Supervised By: T. Dixon
Diameter of Boring: 10 inches
Water Encountered at: feet
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021
April 1989
WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-18
PLATE
18
Page 1 of 2


CHEMICAL ANALYSES Groundwater
CHEMICAL ANALYSES Laboratory
ppm
Field TIP, OI ppm
BLOW COUNT
DEPTH (Feet)
SAMPLES INTERVAL
NUMBER
LITHOLOGY SYMBOL
U.S.C.S. DESIGN.
SOIL DESCRIPTION
P 110
1,2 DE .52
Tr 4
2000+
GP
Pepper gray to smokey sand, gravel and cobbles, moist, strong sour hydrocarbon odor
P 44
1,2 DE 1
Tr 4.5
2000+
Dark pepper gray loose sand, gravel and cobbles, moist, strong sour hydrocarbon odor
Boring terminated at 30 feet. No groundwater encountered.
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021
April 1989
WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-18
PLATE
18
Page 2 of 2


CHEMICAL ANALYSES Groundwater
CHEMICAL ANALYSES Laboratory
ppm
Field
TIP-FI ppm
BLOW COUNT
DEPTH (Feet)
SAMPLE INTERVAL
NUMBER
LITHOLOGY SYMBOL
U.S.C.S. DESIGN.
SOIL DESCRIPTION
0
5
10
15
20
25
FILL
SP
Brown medium to coarse sand, slightly moist, moderate hydrocarbon odor
P 410
2000+
GP
Light brown to gray, coarse to very coarse sand, gravel with strong sweet hydrocarbon-type odor
P 2200
Poorly sorted, unconsolidated fine to very coarse sand and gravel, brown, strong sweet odor, slightly moist
Surface Elevation: 365.2 feet
Total Depth: 30.0 feet
Date Drilled: January 19, 1989
Logged By: C. Hollick
Supervised By: T. Dixon
Diameter of Boring: 10 inches
Water Encountered at: feet
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021
April 1989
WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-19
PLATE
19
Page 1 of 2


CHEMICAL ANALYSES Groundwater
CHEMICAL ANALYSES Laboratory
ppm
Field
TIP-FI ppm
BLOW COUNT
DEPTH (Feet)
SAMPLE INTERVAL
NUMBER
LITHOLOGY SYMBOL
U.S.C.S. DESIGN.
SOIL DESCRIPTION
30
35
40
45
50
P 33000
30.0
SP
Poorly sorted brown and gray sand and gravel, strong odor, slightly moist.
Boring terminated at 30 feet. No groundwater encountered
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021
April 1989
WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-19
PLATE
19
Page 2 of 2



Surface Elevation: 364.6 feet
Total Depth: 70.0 feet
Date Drilled: January 20, 1989

Logged By: C. Hulick
Supervised By: T. Dixon
Diameter of Boring: 10 inches
Water Encountered at: 33.0 feet

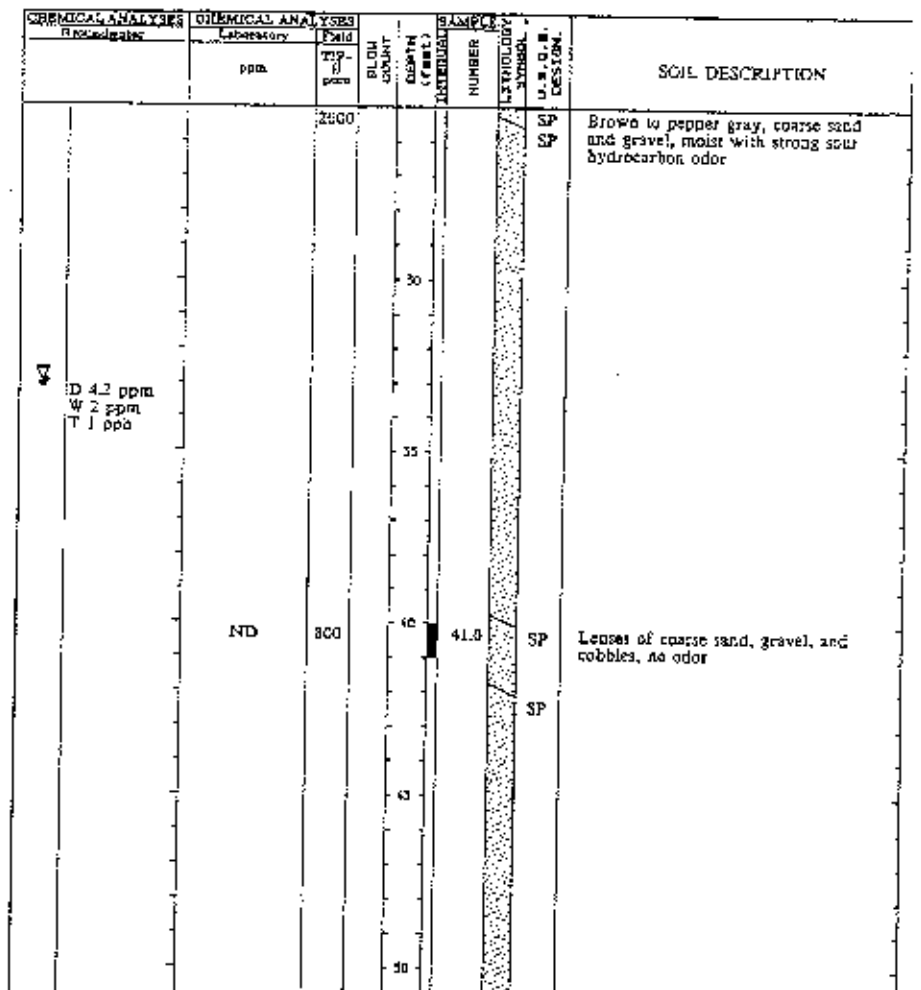
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"

Project Number 1E-1021 April 1989

WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-20

PLATE 20

Page 1 of 3



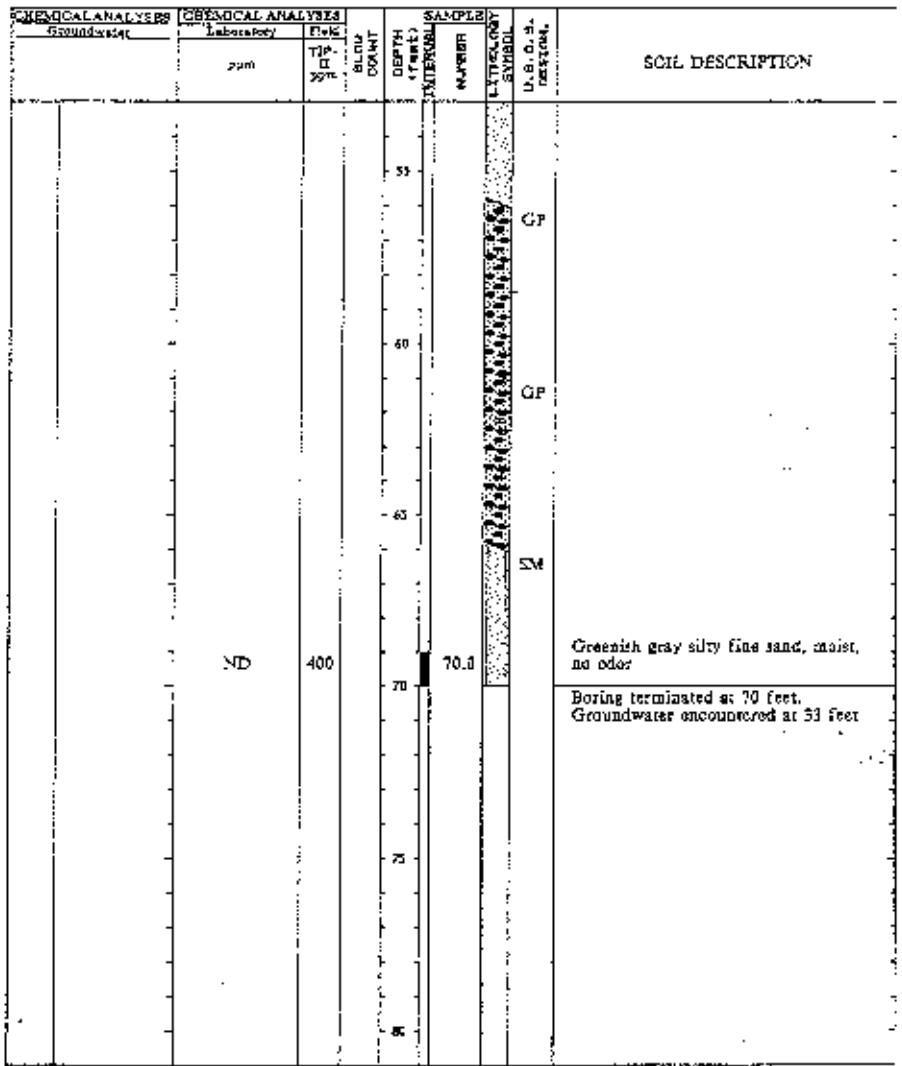
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"

Project Number 1E-1021 April 1989

WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-20

PLATE 20

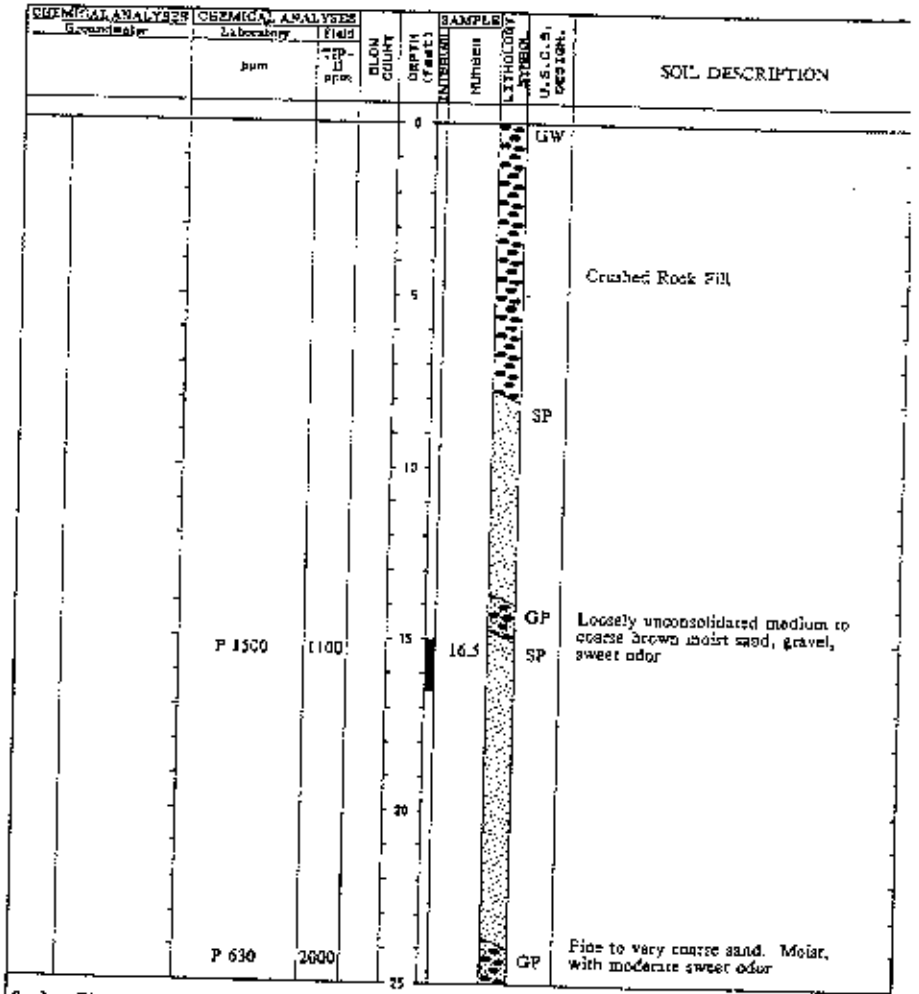
Page 2 of 3



THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021 April 1989

WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-20

PLATE 20
Page 3 of 3



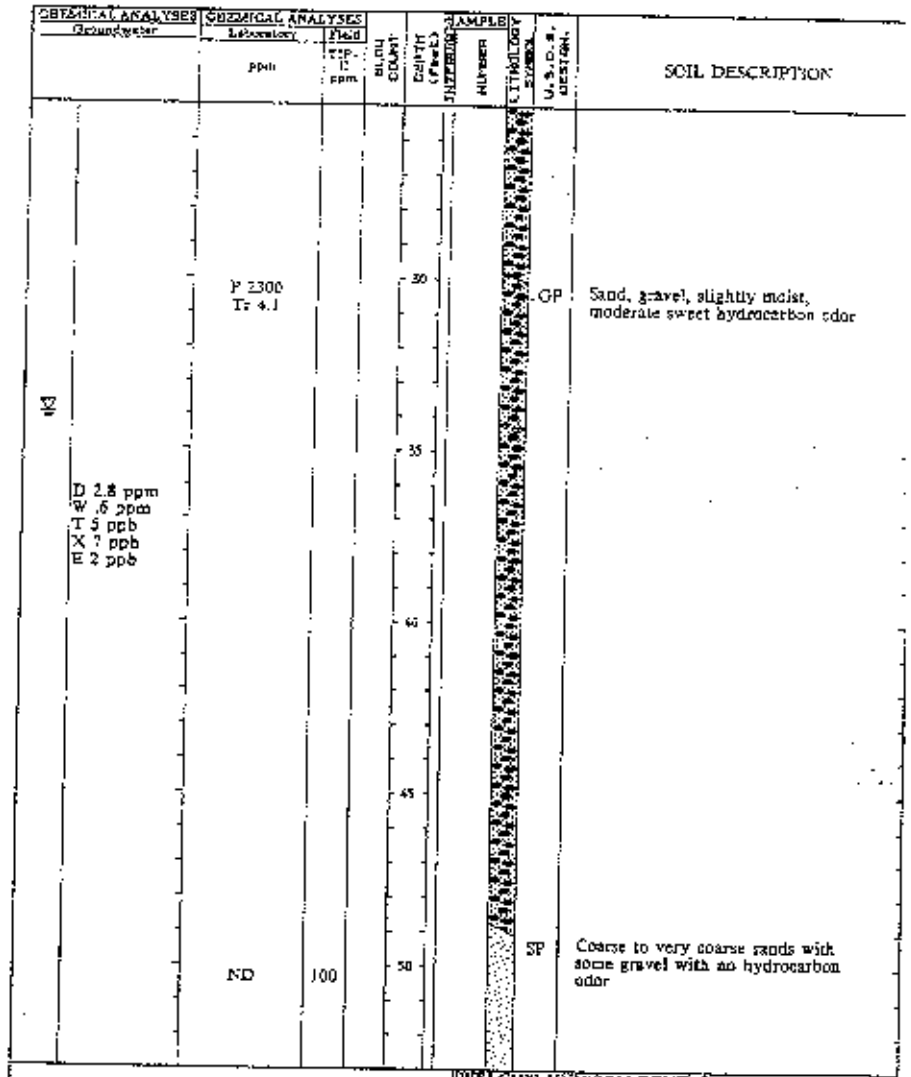
Surface Elevation: 364.7 feet
Total Depth: 70.0 feet
Date Drilled: January 20, 1989

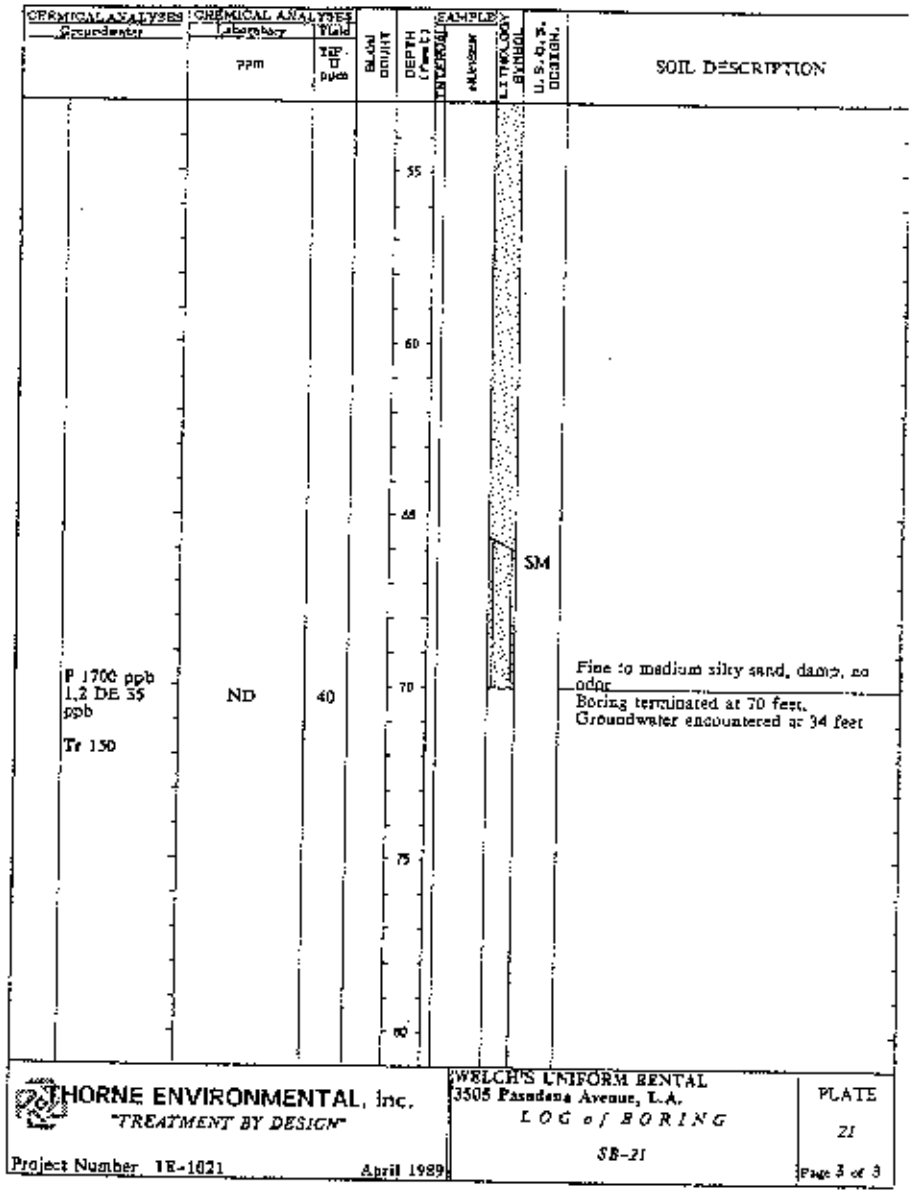
Logged By: C. Hulick
Supervised By: T. Dixon
Diameter of Boring: 10 inches
Water Encountered at: 34.0 feet

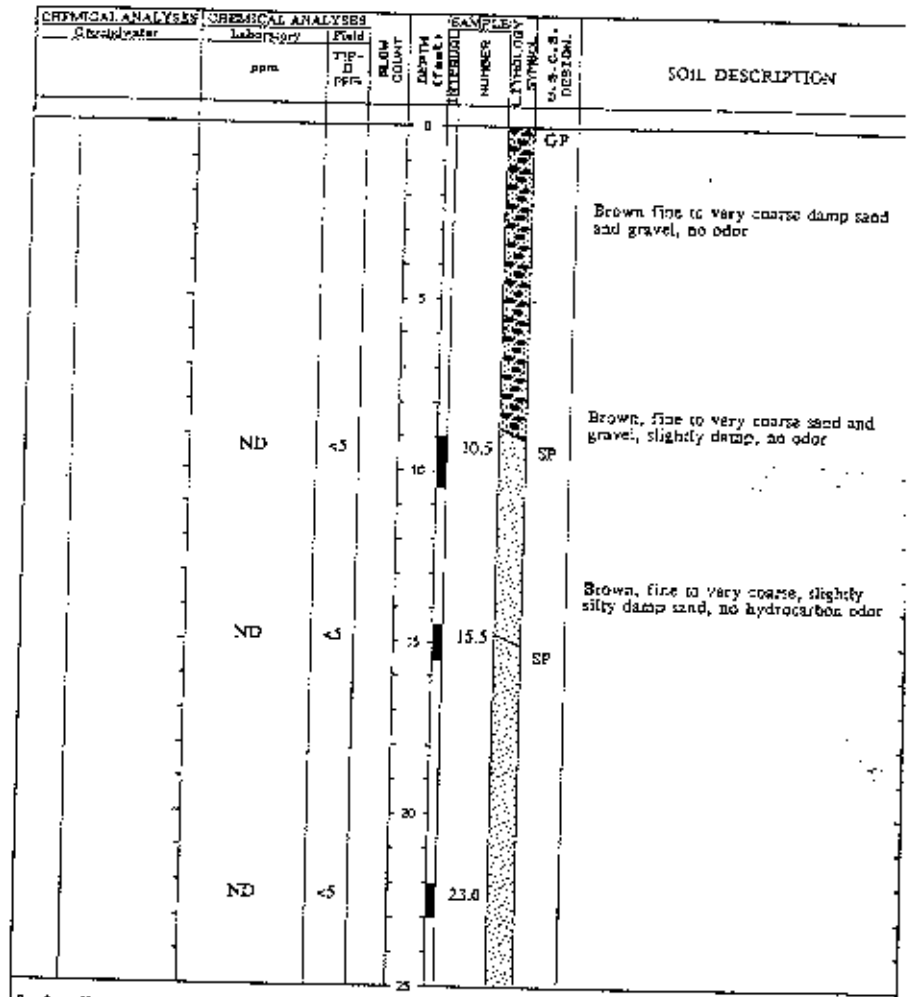
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021 April 1989

WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-21

PLATE 21
Page 1 of 3


CHEMICAL ANALYSES Groundwater
CHEMICAL ANALYSES Laboratory
ppm
Field
ppm
BLOW COUNT
DEPTH (Feet)
SAMPLE INTERVAL
NUMBER
LITHOLOGY SYMBOL
U.S.C.S. DESIGN.
SOIL DESCRIPTION
P 2300
Tr 4.1
D 2.8 ppm
W .6 ppm
T 5 ppb
X ? ppb
E 2 ppb
ND
100
GP
Sand, gravel, slightly moist, moderate sweet hydrocarbon odor
SP
Coarse to very coarse sands with some gravel with no hydrocarbon odor
35
40
45
50
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021
April 1989
WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-21
PLATE
21
Page 2 of 3


CHEMICAL ANALYSES Groundwater
CHEMICAL ANALYSES Laboratory
ppm
Field
ppm
BLOW COUNT
DEPTH (Feet)
SAMPLE INTERVAL
NUMBER
LITHOLOGY SYMBOL
U.S.C.S. DESIGN.
SOIL DESCRIPTION
P 1700 ppb
1,2 DE 55 ppb
Tr 150
ND
40
55
60
65
70
75
80
SM
Fine to medium silty sand, damp, no odor
Boring terminated at 70 feet.
Groundwater encountered at 34 feet
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021
April 1989
WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-21
PLATE
21
Page 3 of 3



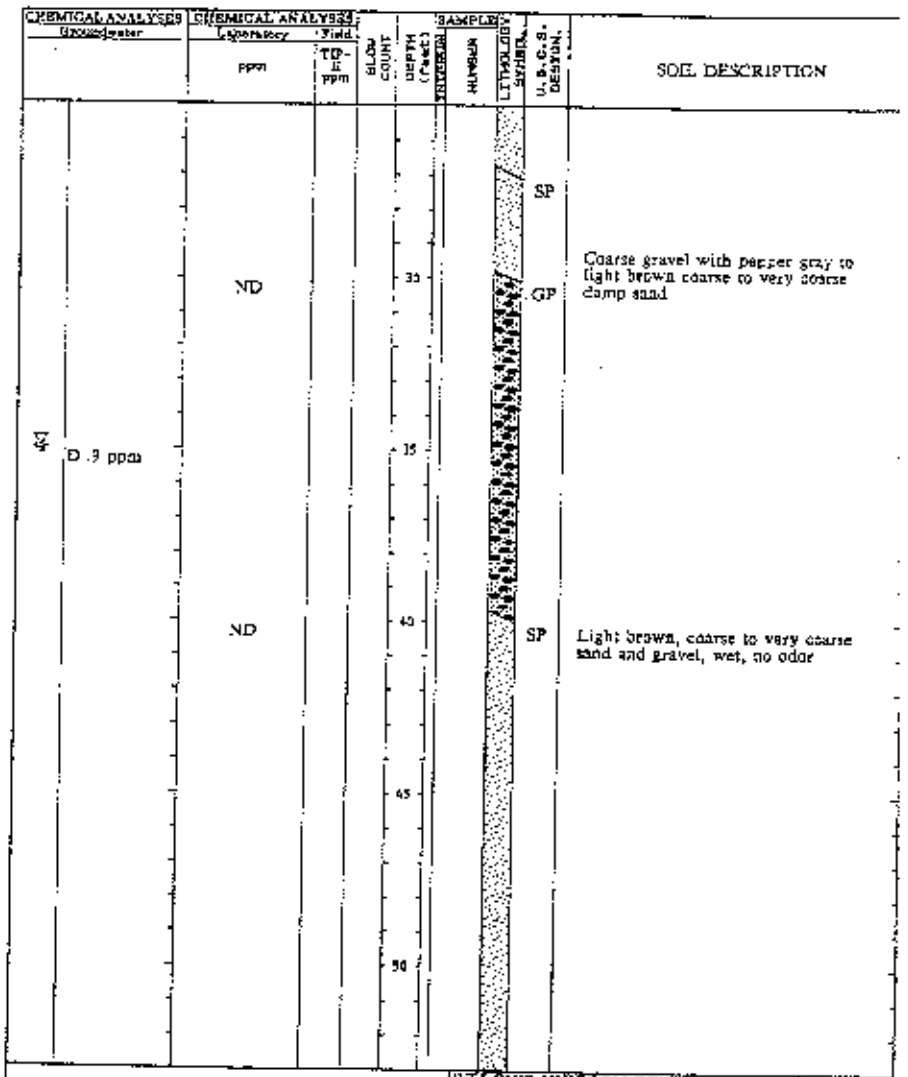
Surface Elevation: 364.5 feet
Total Depth: 70.0 feet
Date Drilled: February 6, 1989

Logged By: C. Hallck
Supervised By: T. Dixon
Diameter of Boring: 10 inches
Water Encountered at 35.0 feet

THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021 April 1989

WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-22

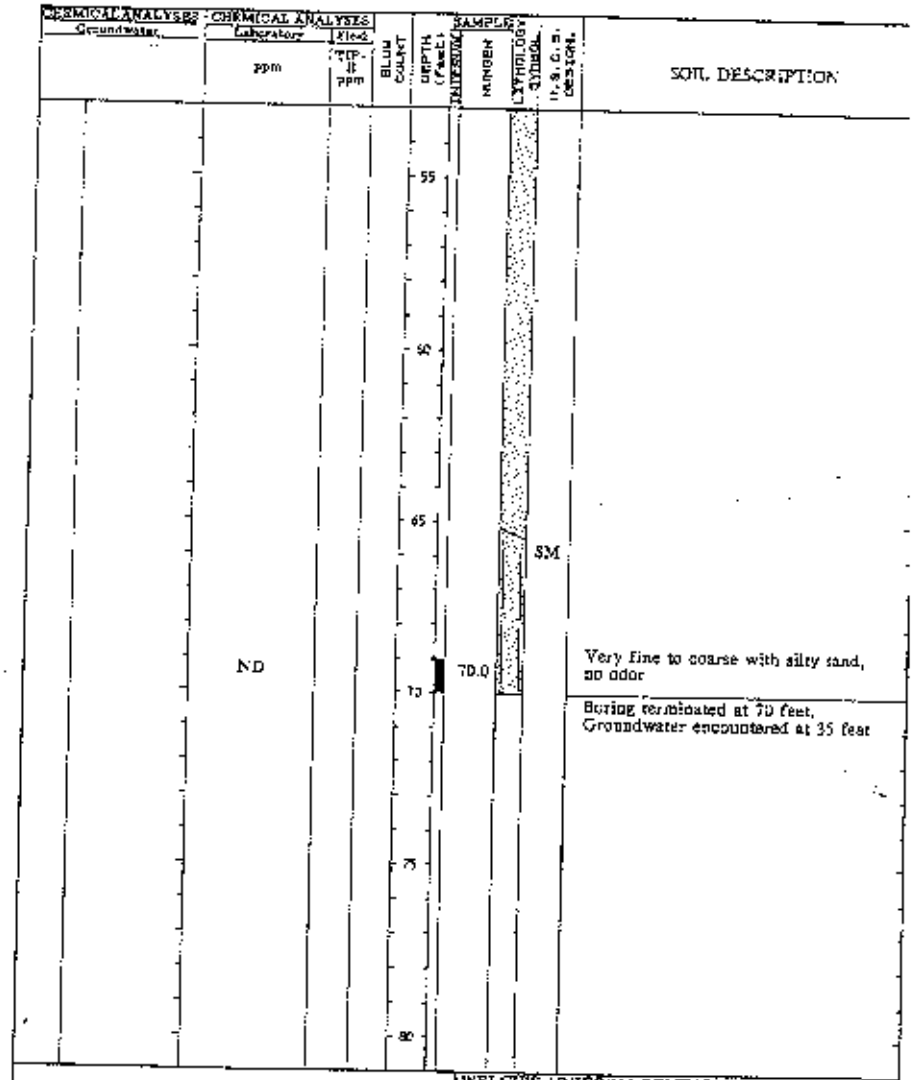
PLATE 22



THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021 April 1989

WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-22

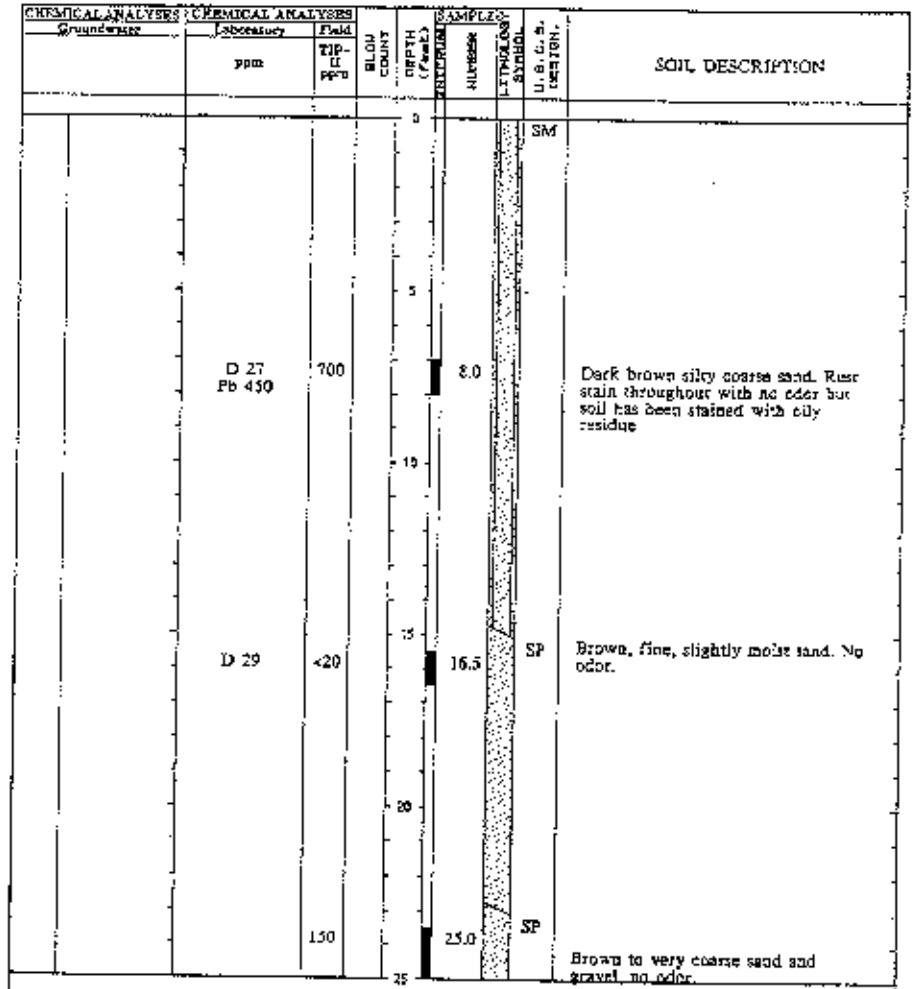
PLATE 22



THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021 April 1989

WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-22

PLATE 22
Page 3 of 3



Surface Elevation: 365.1 feet
Total Depth: 30.0 feet
Date Drilled: February 6, 1989

Logged By: C. Hallek
Supervised By: T. Dixon
Diameter of Boring: 10 inches
Water Encountered at feet

THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021 April 1989

WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-23

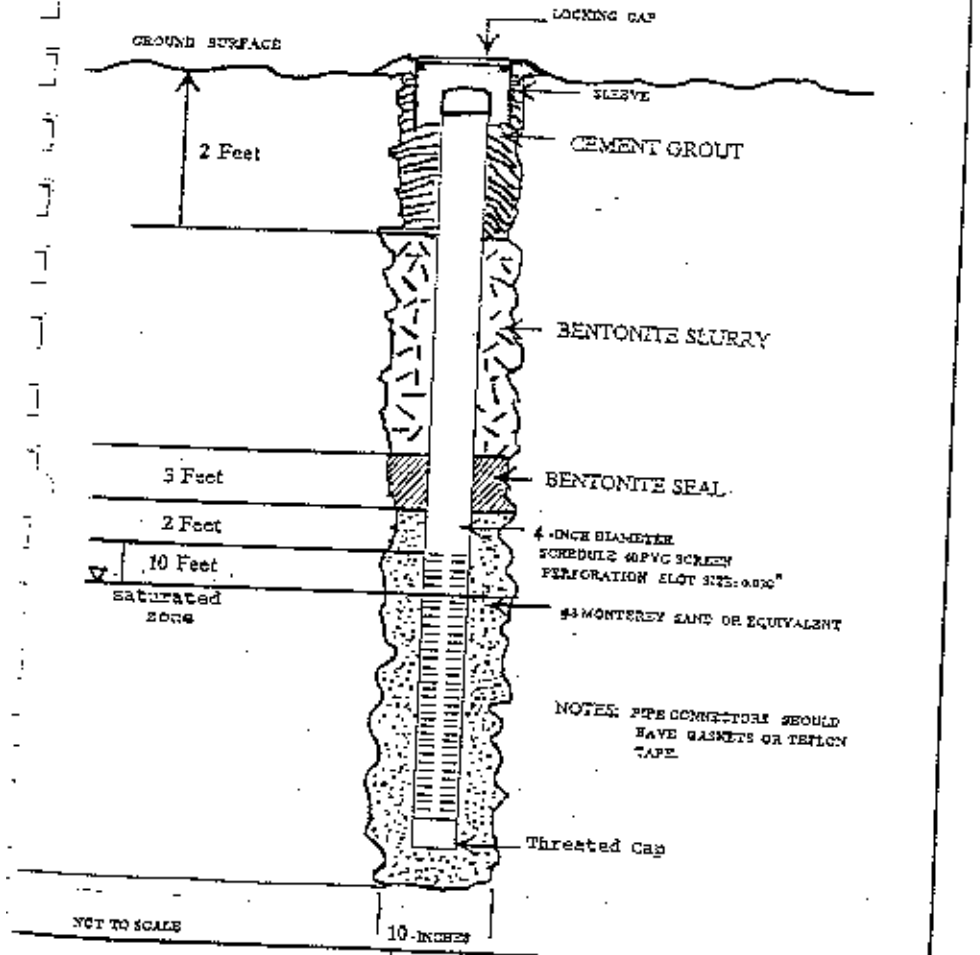
PLATE 23
Page 1 of 2

CHEMICAL ANALYSES Groundwater	CHEMICAL ANALYSES Soil Laboratory ppm	Field TIP II ppm	Blow Count	Depth (feet)	SAMPLE INTERVAL	SAMPLE NUMBER	LITHOLOGY SYMBOL	U.S.C.S. DESIGN.	SOIL DESCRIPTION
			D 5 Pb 2	30		30.0			Fine to very coarse sand and gravel. Appears to be oil residue on grains, no odor. Boring terminated at 30 feet. No groundwater encountered

THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021 April 1989

WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-23

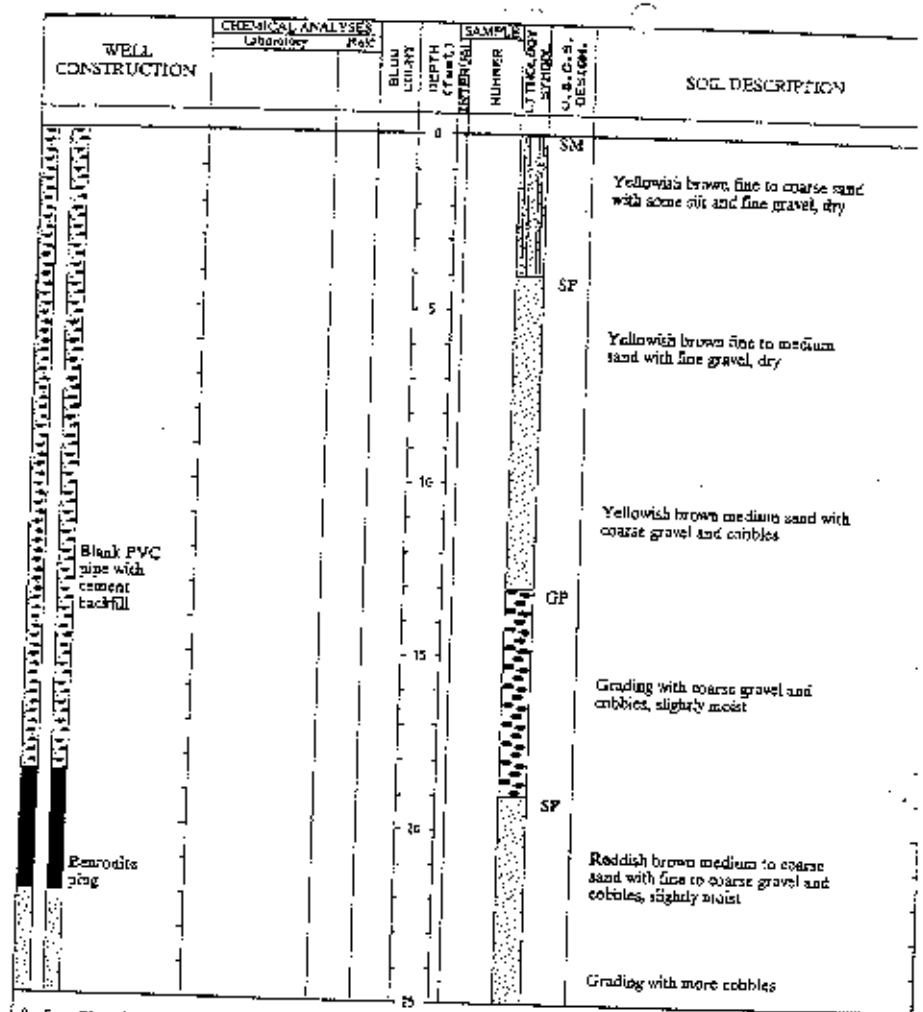
PLATE 23
Page 2 of 2



THORNE ENVIRONMENTAL

MONITORING WELL DIAGRAM

PLATE 24



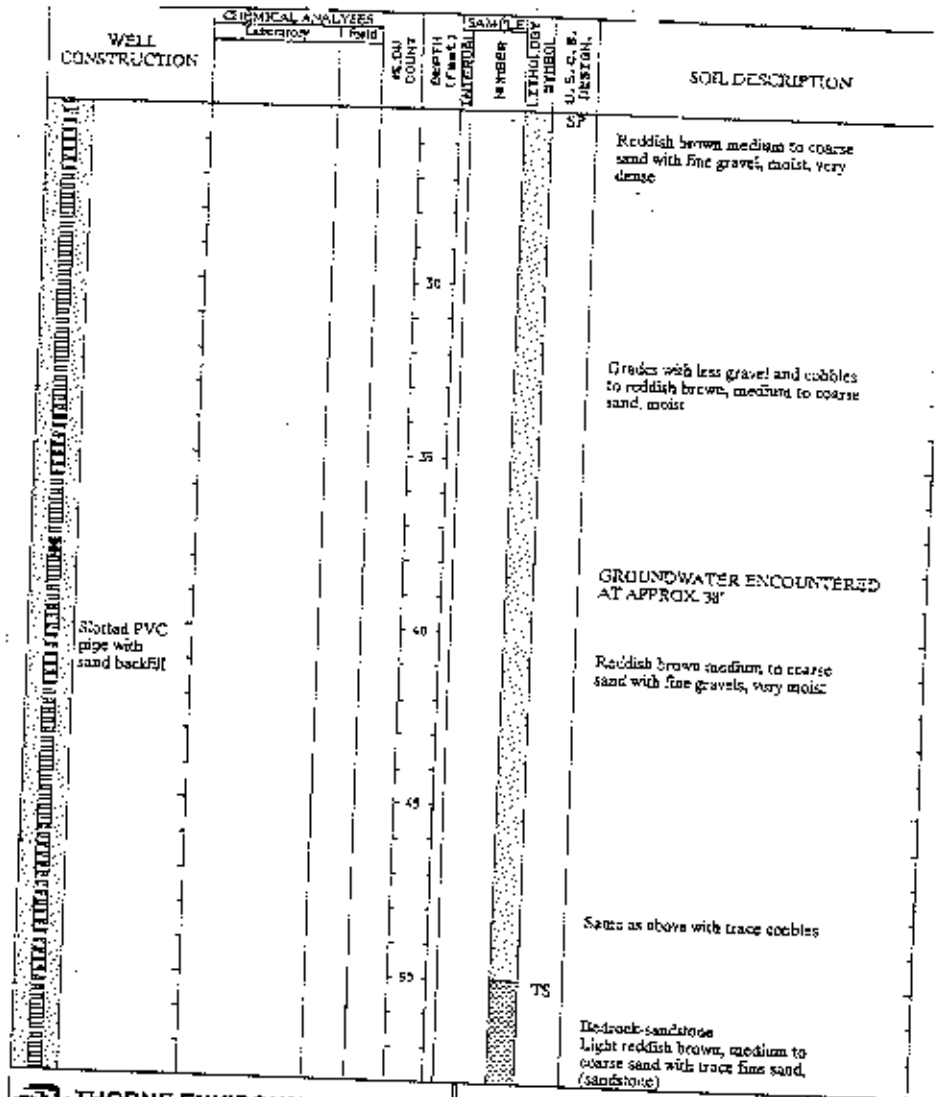
Surface Elevation: 370.7 feet
Total Depth: 68.5 feet
Date Drilled: November 6, 1989

Logged By: PETER FRANK
Supervised By: FRITZ REIMERS
Diameter of Boring: 10" inches
Water Encountered at: feet

THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021 May 1990

WELCH'S UNIFORM RENTAL CO., L.A.
LOG of BORING
MW-8

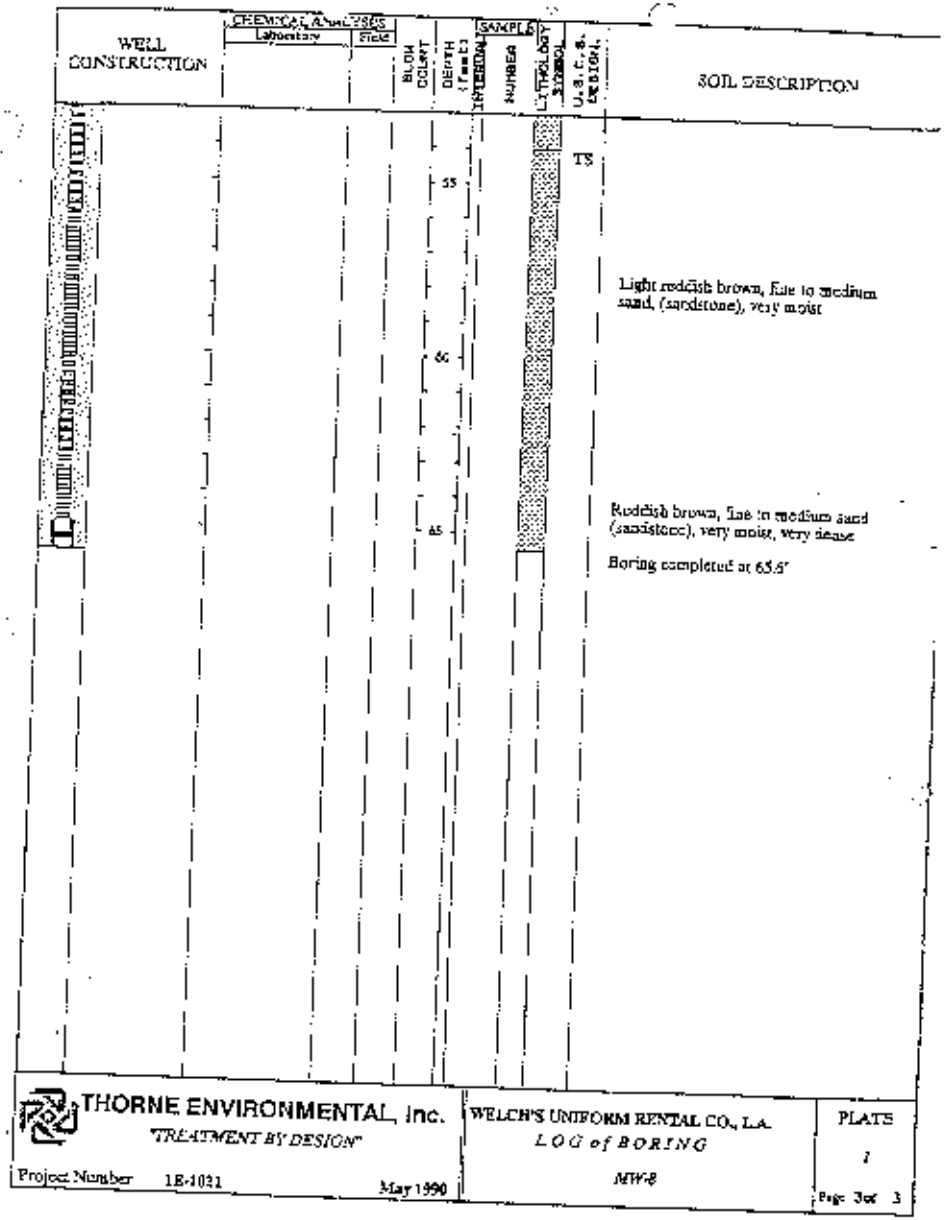
PLATE 1
Page 1 of 3

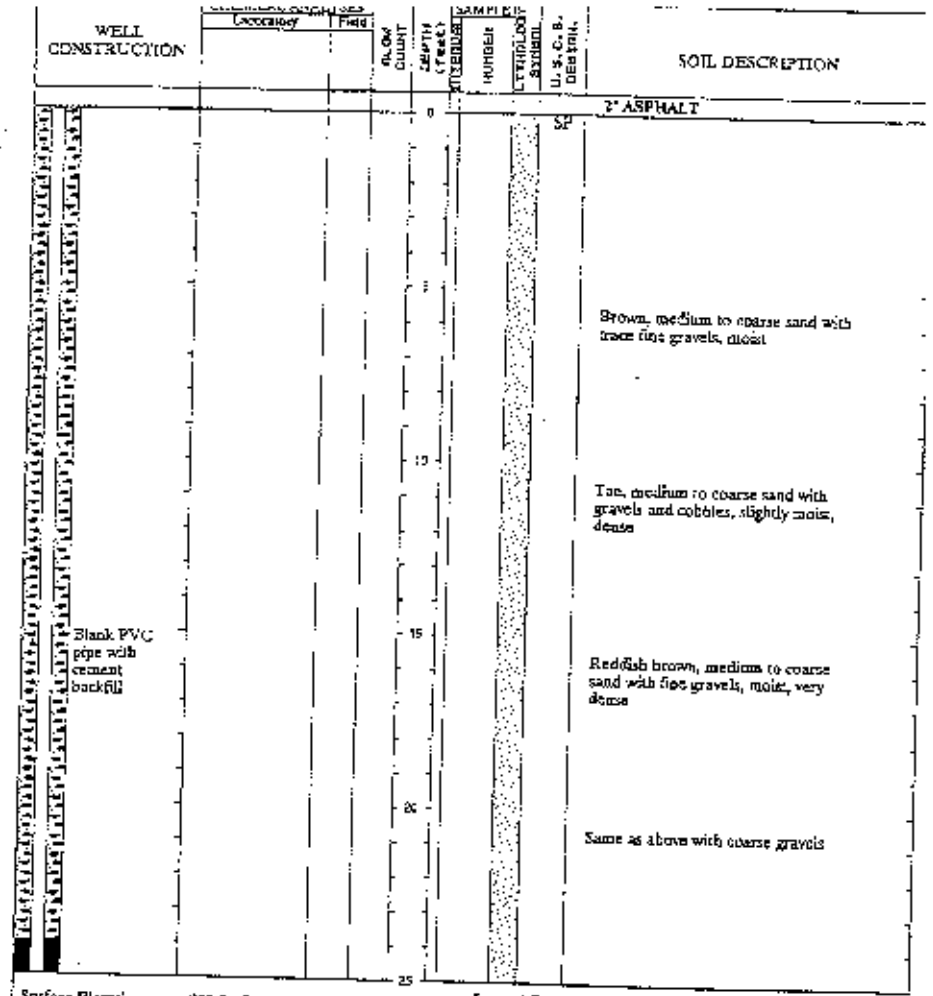


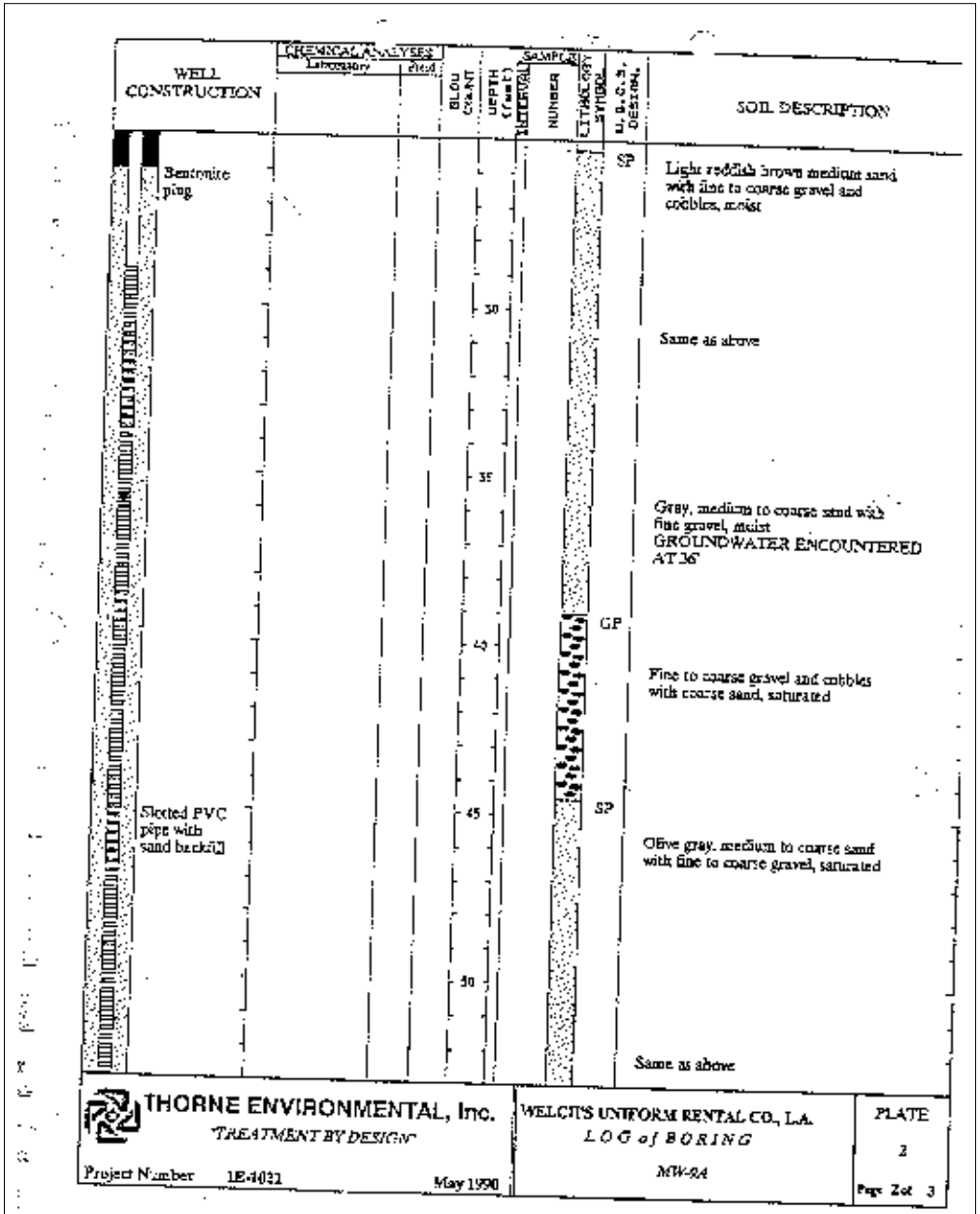
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021 May 1990

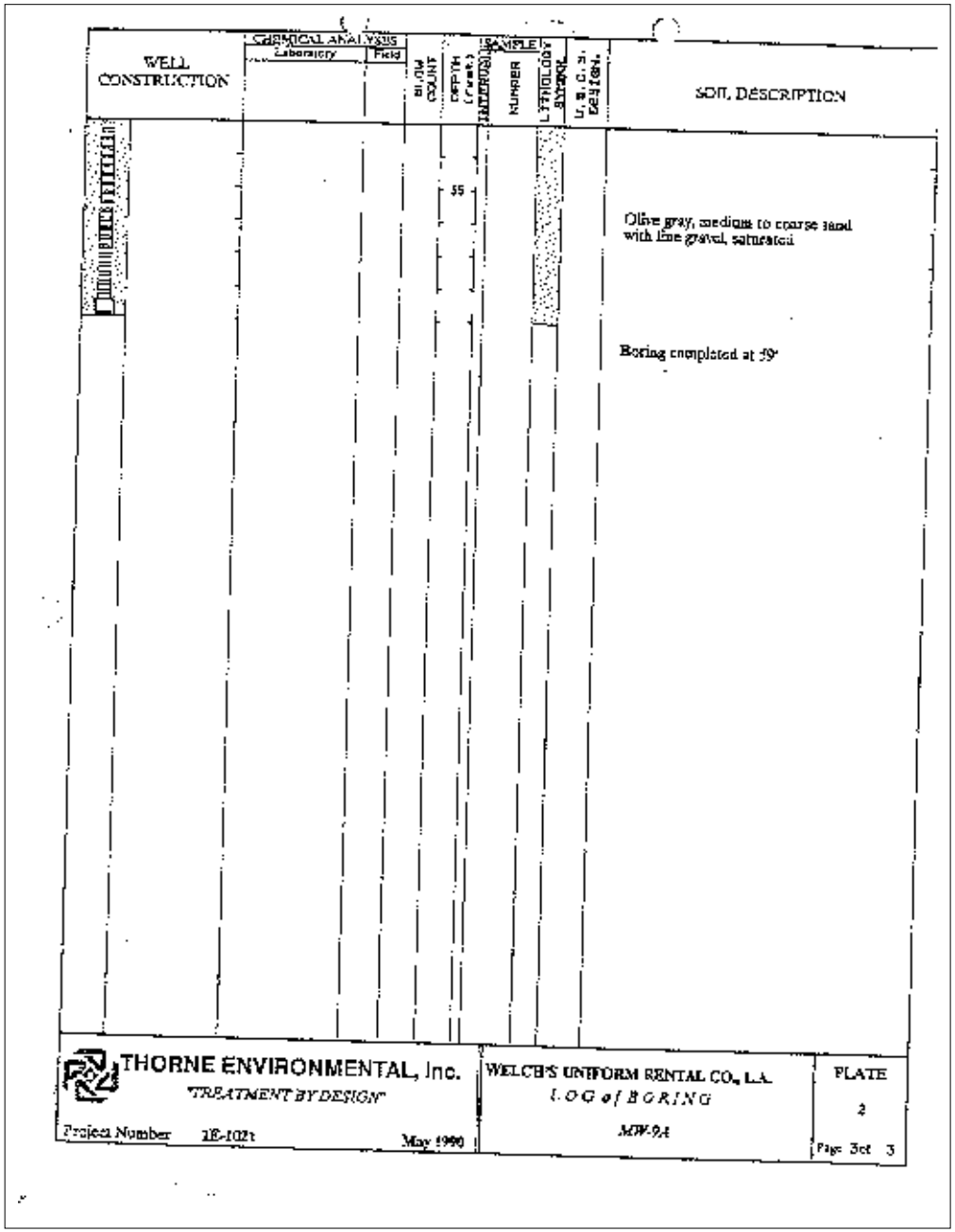
WELCH'S UNIFORM RENTAL CO., L.A.
LOG of BORING
MW-8

PLATE 1
Page 2 of 3


WELL CONSTRUCTION
CHEMICAL ANALYSIS
Laboratory
Field
BLOW COUNT
DEPTH (Feet)
SAMPLE
INTERVAL
NUMBER
LITHOLOGY SYMBOL
U.S.C.S. CLASSIFICATION
SOIL DESCRIPTION
TS
55
Light reddish brown, fine to medium sand, (sandstone), very moist
60
Reddish brown, fine to medium sand (sandstone), very moist, very dense
65
Boring completed at 65.5'
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021
May 1990
WELCH'S UNIFORM RENTAL CO., LA.
LOG of BORING
MW-8
PLATE
1
Page 3of 3


WELL CONSTRUCTION
CHEMICAL ANALYSES
Laboratory
Field
BLOW COUNT
DEPTH (Feet)
SAMPLES
NUMBER
INTERVAL
LITHOLOGY SYMBOL
U. S. C. S. Designation
SOIL DESCRIPTION
2" ASPHALT
SP
Brown, medium to coarse sand with trace fine gravels, moist
Tan, medium to coarse sand with gravels and cobbles, slightly moist, dense
Blank PVC pipe with cement backfill
Reddish brown, medium to coarse sand with fine gravels, moist, very dense
Same as above with coarse gravels
0
5
10
15
20
25
Surface Elevation: 363.9 feet
Total Depth: 59.0 feet
Date Drilled: November 6, 1989
Logged By: PETER FRANK
Supervised By: FRITZ REIMERS
Diameter of Boring: 10" inches
Water Encountered at: feet
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021
May 1990
WELCH'S UNIFORM RENTAL CO., LA.
LOG of BORING
MW-9A
PLATE 2
Page 1 of 3

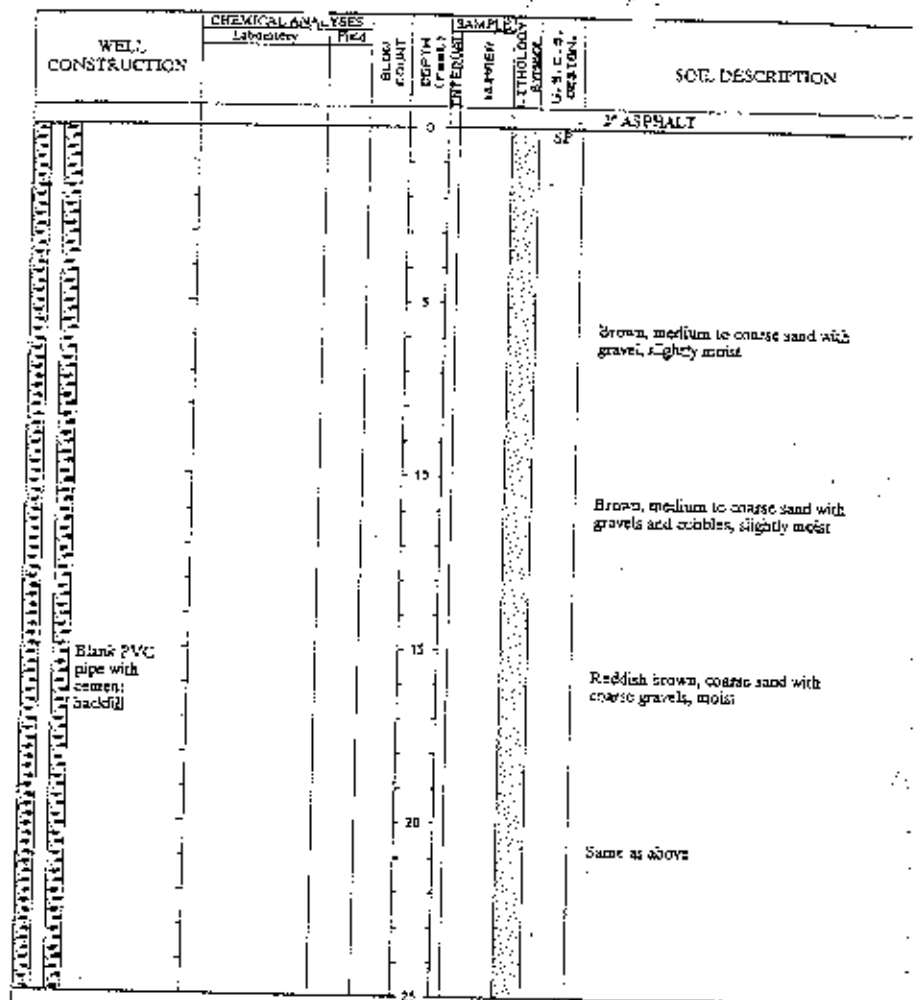

WELL CONSTRUCTION
CHEMICAL ANALYSES
Laboratory
Field
BLOW COUNT
DEPTH (Feet)
SAMPLES
NUMBER
INTERVAL
LITHOLOGY SYMBOL
U. S. C. S. Designation
SOIL DESCRIPTION
Bentonite plug
SP
Light reddish brown medium sand with fine to coarse gravel and cobbles, moist
Same as above
Gray, medium to coarse sand with fine gravel, moist
GROUNDWATER ENCOUNTERED AT 36'
GP
Fine to coarse gravel and cobbles with coarse sand, saturated
Slotted PVC pipe with sand backfill
SP
Olive gray, medium to coarse sand with fine to coarse gravel, saturated
Same as above
30
35
40
45
50
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021
May 1990
WELCH'S UNIFORM RENTAL CO., LA.
LOG of BORING
MW-9A
PLATE 2
Page 2 of 3



THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021 May 1990

WELCH'S UNIFORM RENTAL CO., L.A.
LOG of BORING
MW-9A

PLATE 2
Page 3of 3



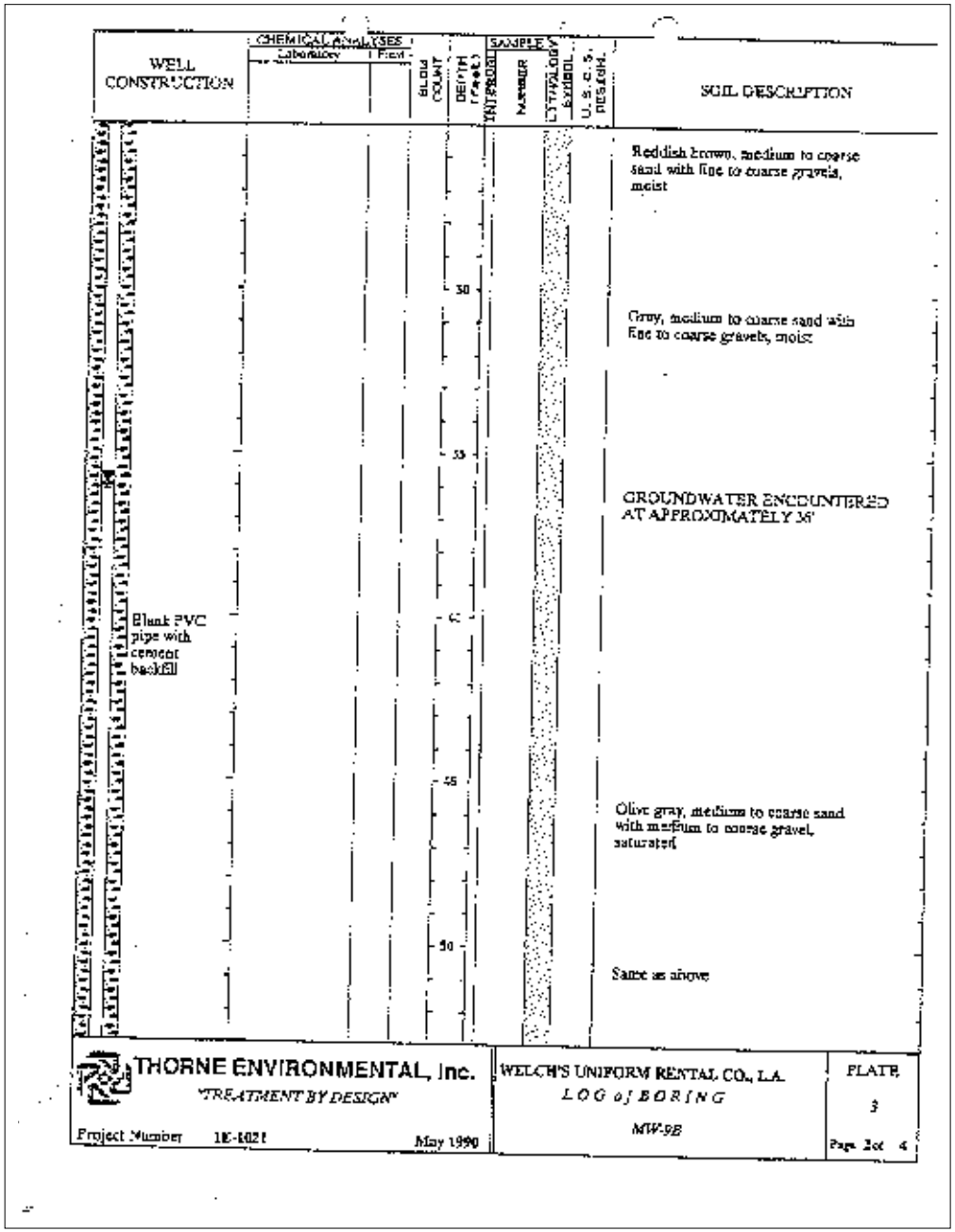
Surface Elevation: 363.9 feet
Total Depth: 89.0 feet
Date Drilled: November 7, 1989

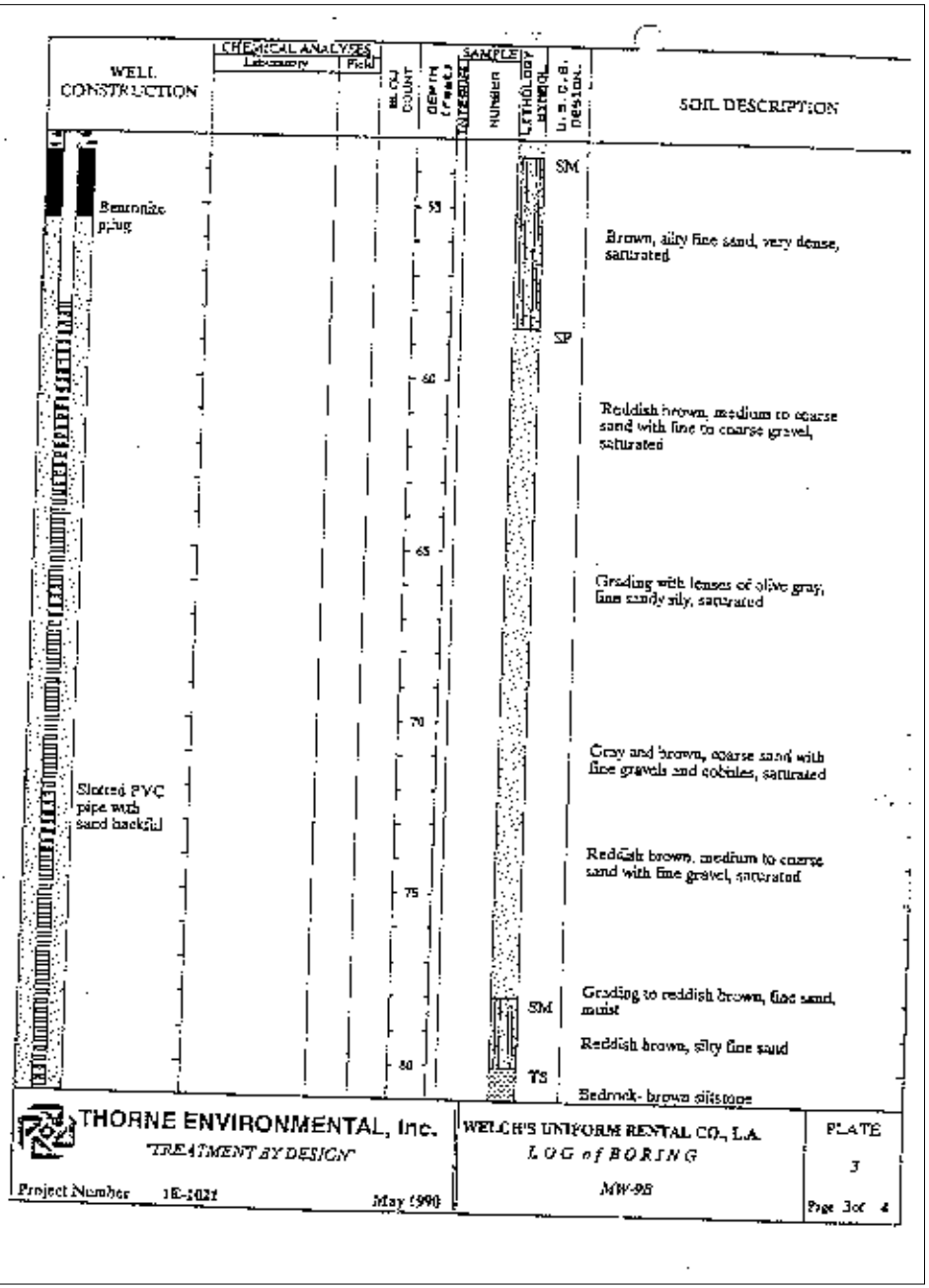
Logged By: PETER FRANK
Supervised By: FRITZ REIMERS
Diameter of Boring: 10" inches
Water Encountered at: feet

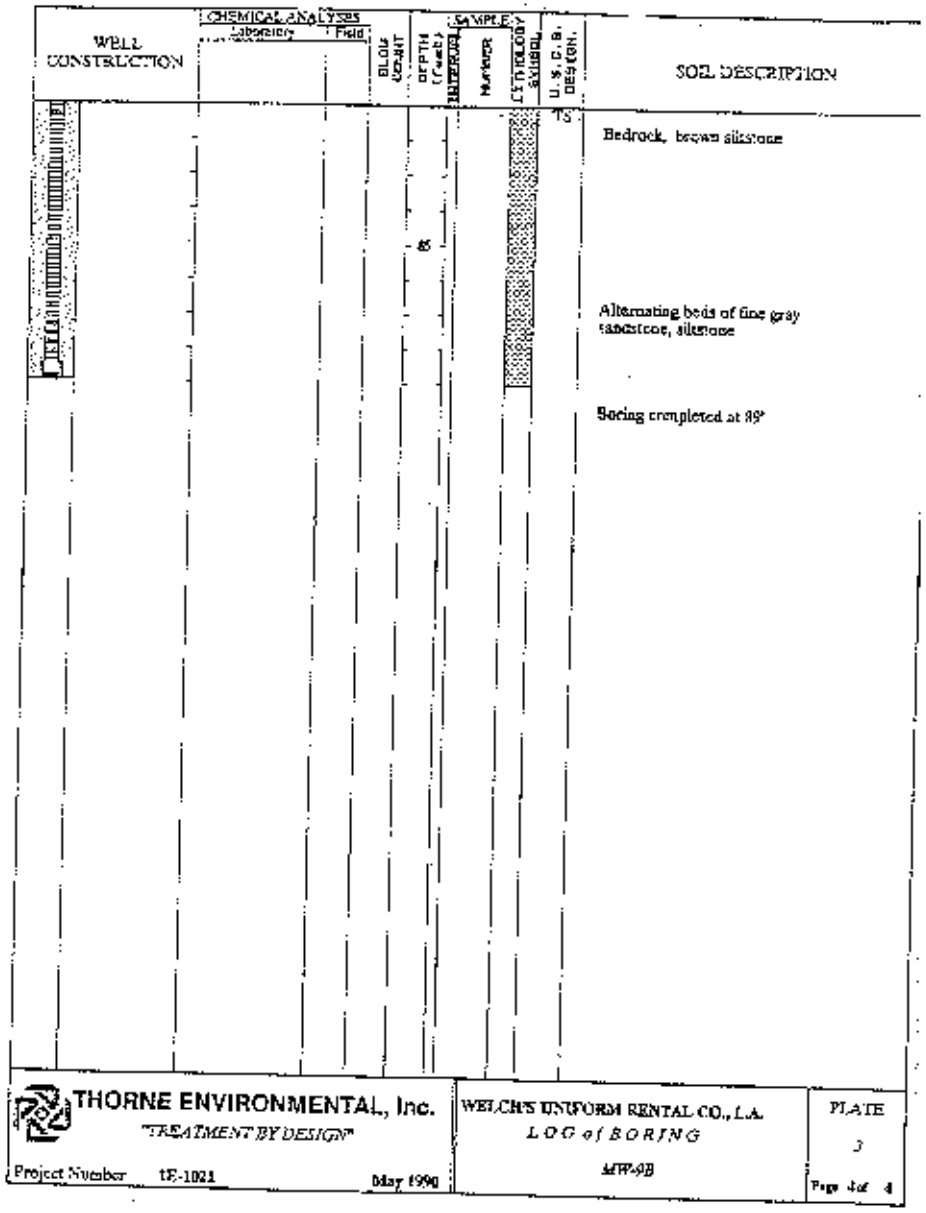
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021 May 1990

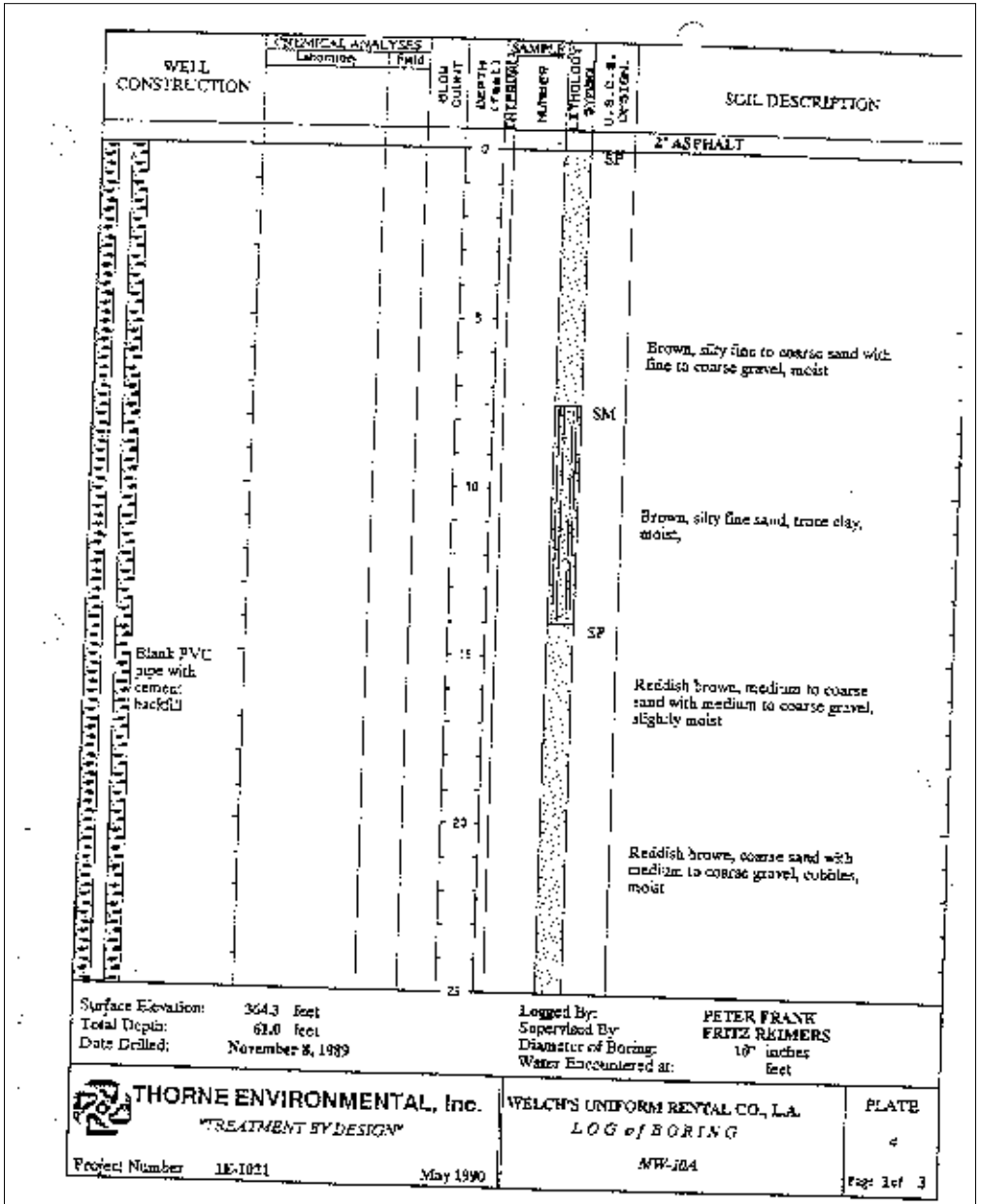
WELCH'S UNIFORM RENTAL CO., L.A.
LOG of BORING
MW-9B

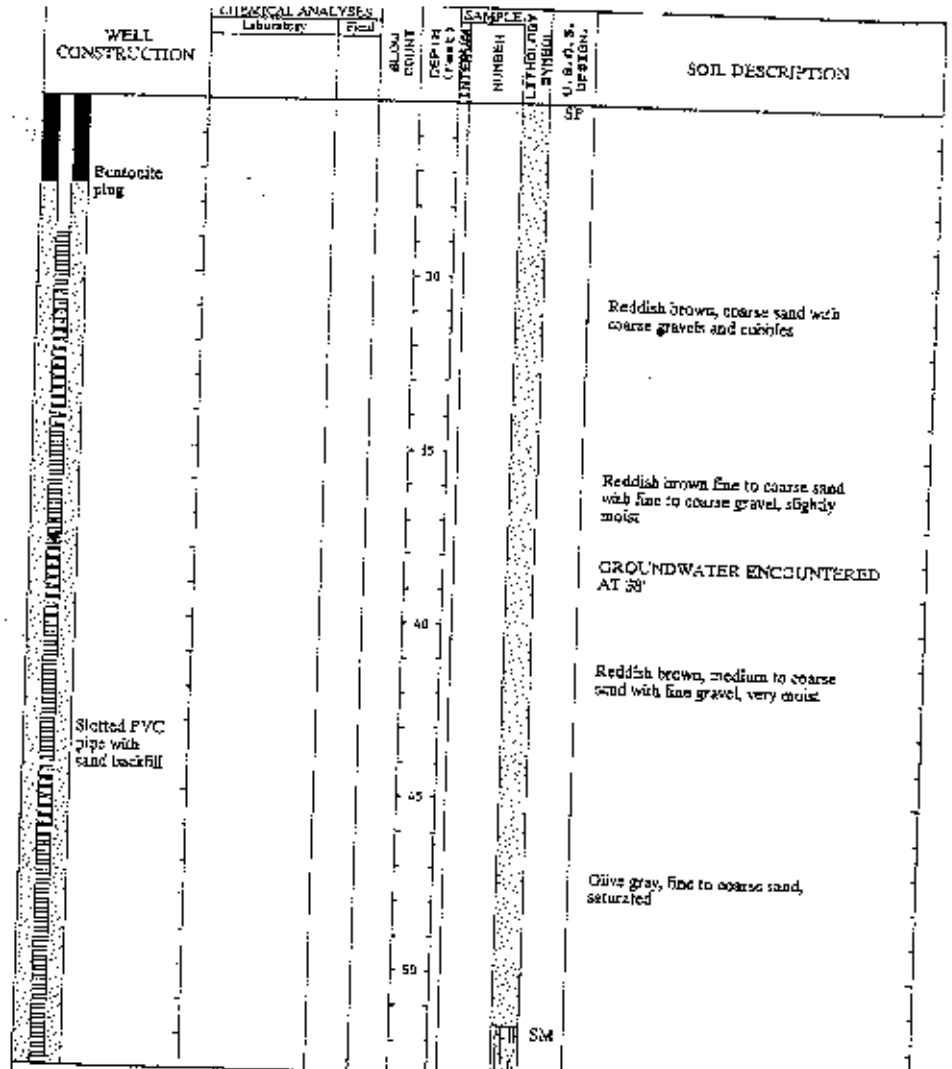
PLATE 3
Page 1of 4

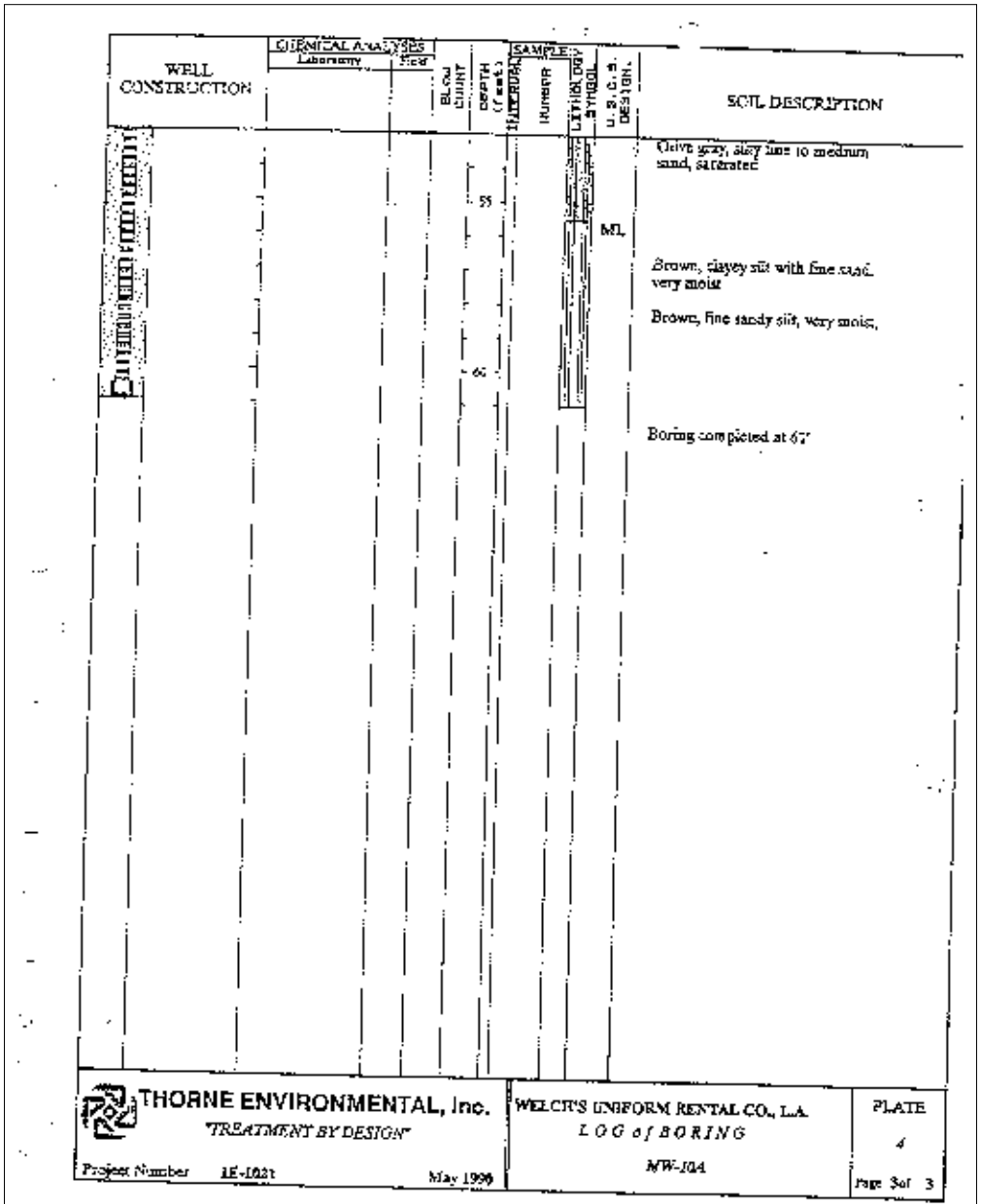

WELL CONSTRUCTION
CHEMICAL ANALYSES
Laboratory
Field
BLOW COUNT
DEPTH (Feet)
SAMPLE
INTERVAL
NUMBER
LITHOLOGY SYMBOL
U.S.C.S. DESIGN.
SOIL DESCRIPTION
Reddish brown, medium to coarse sand with fine to coarse gravels, moist
Gray, medium to coarse sand with fine to coarse gravels, moist
GROUNDWATER ENCOUNTERED AT APPROXIMATELY 58'
Olive gray, medium to coarse sand with medium to coarse gravel, saturated
Same as above
Blank PVC pipe with cement backfill
50
55
60
65
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021
May 1990
WELCH'S UNIFORM RENTAL CO., LA.
LOG of BORING
MW-9B
PLATE
3
Page 3of 4

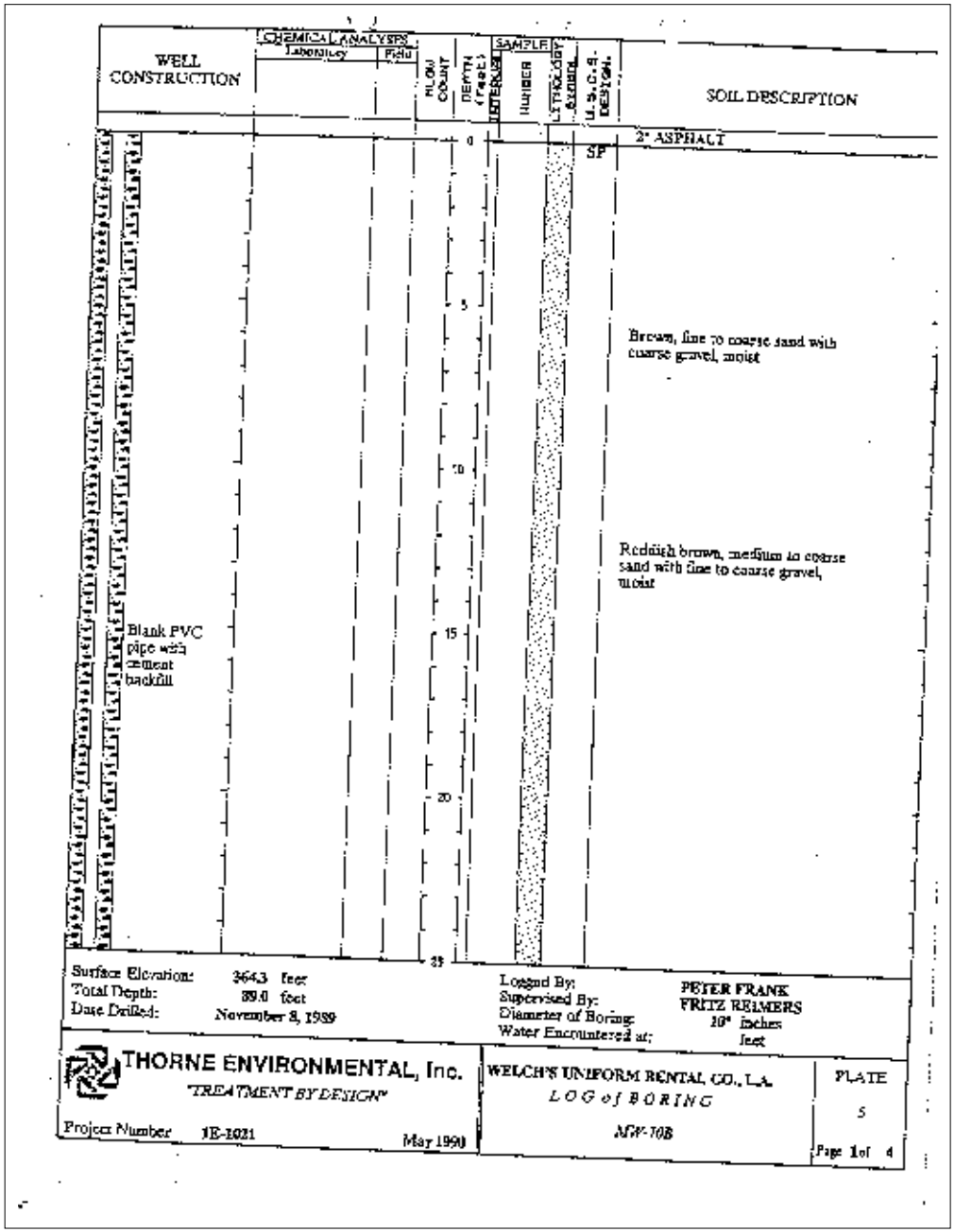

WELL CONSTRUCTION
CHEMICAL ANALYSES
Laboratory
Field
BLOW COUNT
DEPTH (Feet)
SAMPLE
INTERVAL
NUMBER
LITHOLOGY SYMBOL
U.S.C.S. DESIGN.
SOIL DESCRIPTION
Bentonite plug
Slotted PVC pipe with sand backfill
SM
Brown, silty fine sand, very dense, saturated
SP
Reddish brown, medium to coarse sand with fine to coarse gravel, saturated
Grading with lenses of olive gray, fine sandy silt, saturated
Gray and brown, coarse sand with fine gravels and cobbles, saturated
Reddish brown, medium to coarse sand with fine gravel, saturated
Grading to reddish brown, fine sand, moist
Reddish brown, silty fine sand
TS
Bedrock- brown siltstone
50
55
60
65
70
75
80
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021
May 1990
WELCH'S UNIFORM RENTAL CO., LA.
LOG of BORING
MW-9B
PLATE
3
Page 3of 4

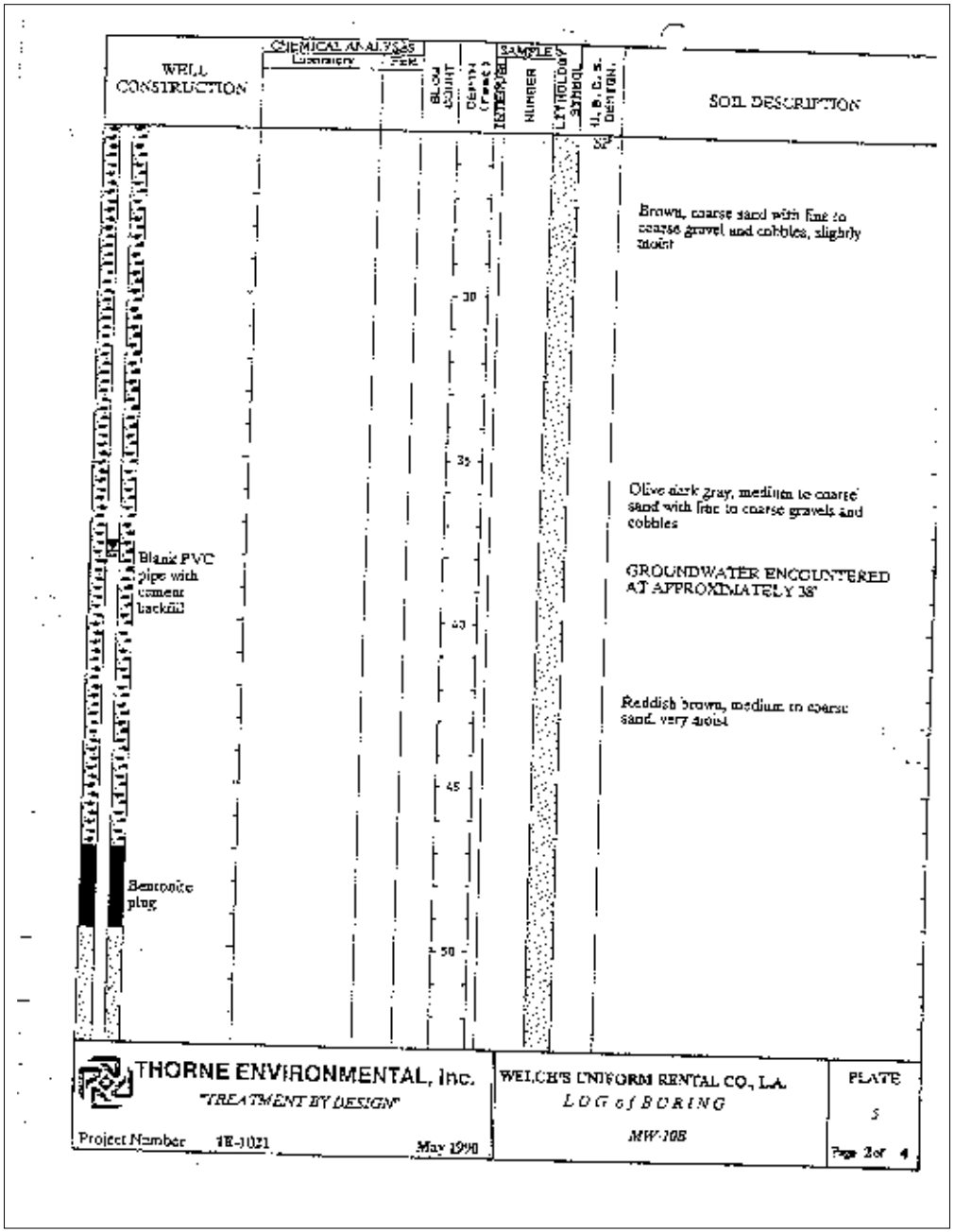

WELL CONSTRUCTION
CHEMICAL ANALYSES
Laboratory
Field
BLOW COUNT
DEPTH (Feet)
SAMPLE
INTERVAL
NUMBER
LITHOLOGY SYMBOL
U.S.C.S. DESIGN.
SOIL DESCRIPTION
TS
Bedrock, brown siltstone
85
Alternating beds of fine gray sandstone, siltstone
Boring completed at 88'
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021
May 1990
WELCH'S UNIFORM RENTAL CO., L.A.
LOG of BORING
MW-9B
PLATE
3
Page 4 of 4

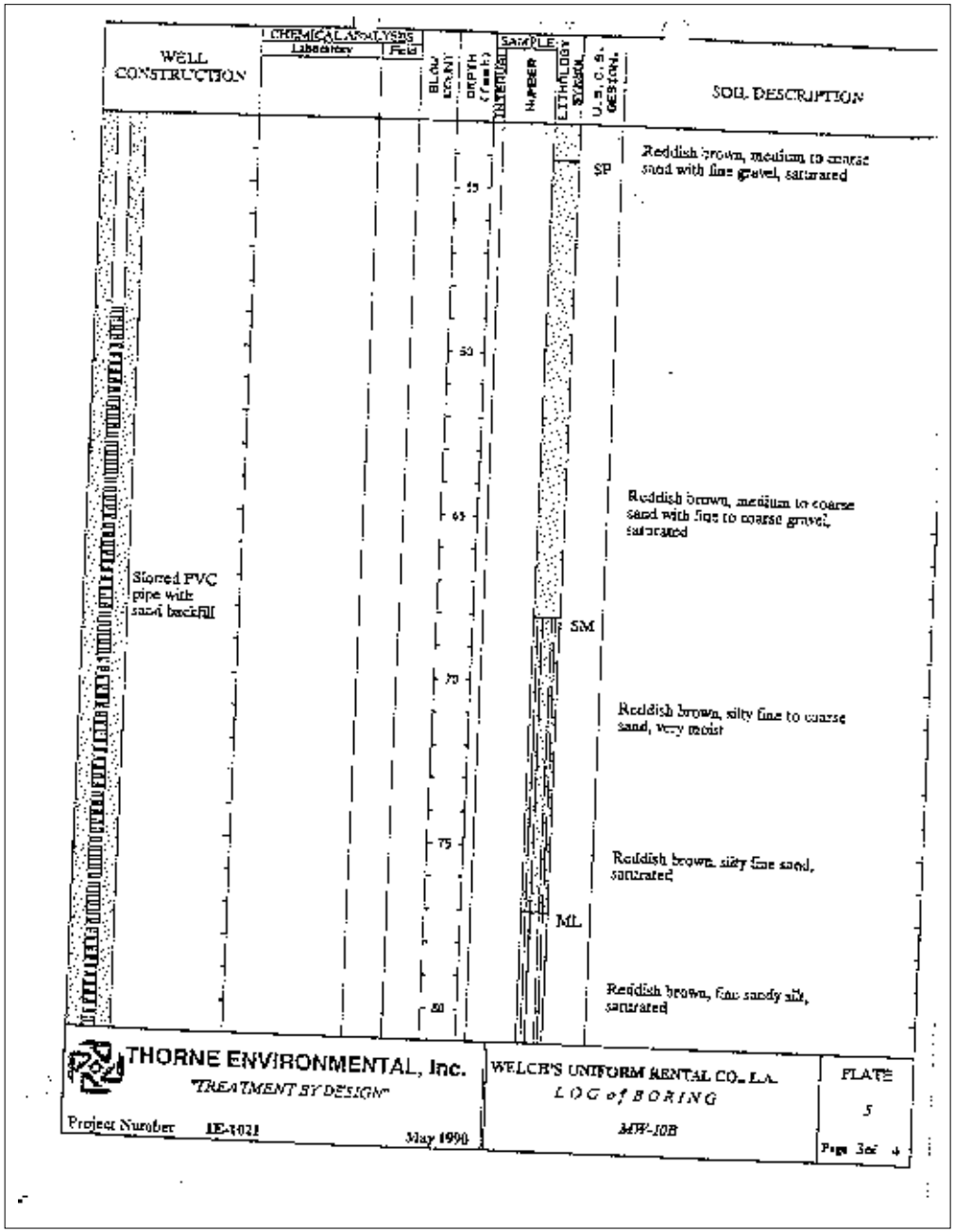

WELL CONSTRUCTION
CHEMICAL ANALYSES
Laboratory
Field
BLOW COUNT
DEPTH (Feet)
SAMPLE
INTERVAL
NUMBER
LITHOLOGY SYMBOL
U.S.C.S. DESIGN.
SOIL DESCRIPTION
0
2" ASPHALT
SP
Blank PVC pipe with cement backfill
5
Brown, silty fine to coarse sand with fine to coarse gravel, moist
SM
10
Brown, silty fine sand, trace clay, moist,
SP
15
Reddish brown, medium to coarse sand with medium to coarse gravel, slightly moist
20
Reddish brown, coarse sand with medium to coarse gravel, cobbles, moist
25
Surface Elevation: 364.3 feet
Total Depth: 61.0 feet
Date Drilled: November 8, 1989
Logged By: PETER FRANK
Supervised By: FRITZ REIMERS
Diameter of Boring: 10" inches
Water Encountered at: feet
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021
May 1990
WELCH'S UNIFORM RENTAL CO., L.A.
LOG of BORING
MW-10A
PLATE
4
Page 1 of 3

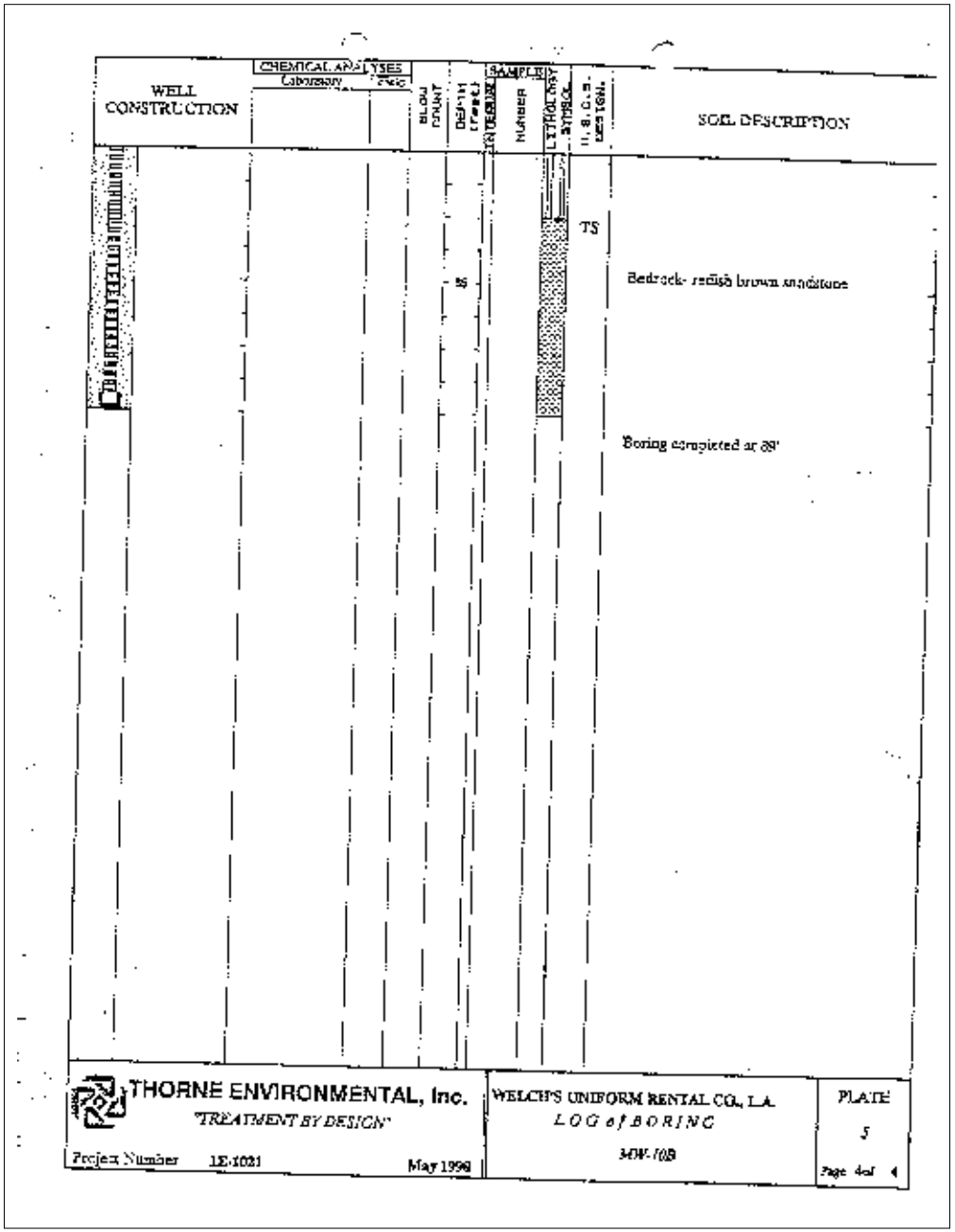

WELL CONSTRUCTION
CHEMICAL ANALYSES
Laboratory
Field
BLOW COUNT
DEPTH (Feet)
SAMPLE
INTERVAL
NUMBER
LITHOLOGY SYMBOL
U.S.C.S. DESIGN.
SOIL DESCRIPTION
SP
Bentonite plug
Reddish brown, coarse sand with coarse gravels and cobbles
Reddish brown fine to coarse sand with fine to coarse gravel, slightly moist
GROUNDWATER ENCOUNTERED AT 38'
Reddish brown, medium to coarse sand with fine gravel, very moist
Slotted PVC pipe with sand backfill
Olive gray, fine to coarse sand, saturated
SM
30
35
40
45
50
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021
May 1990
WELCH'S UNIFORM RENTAL CO., L.A.
LOG of BORING
MW-104
PLATE
4
Page 2of 3

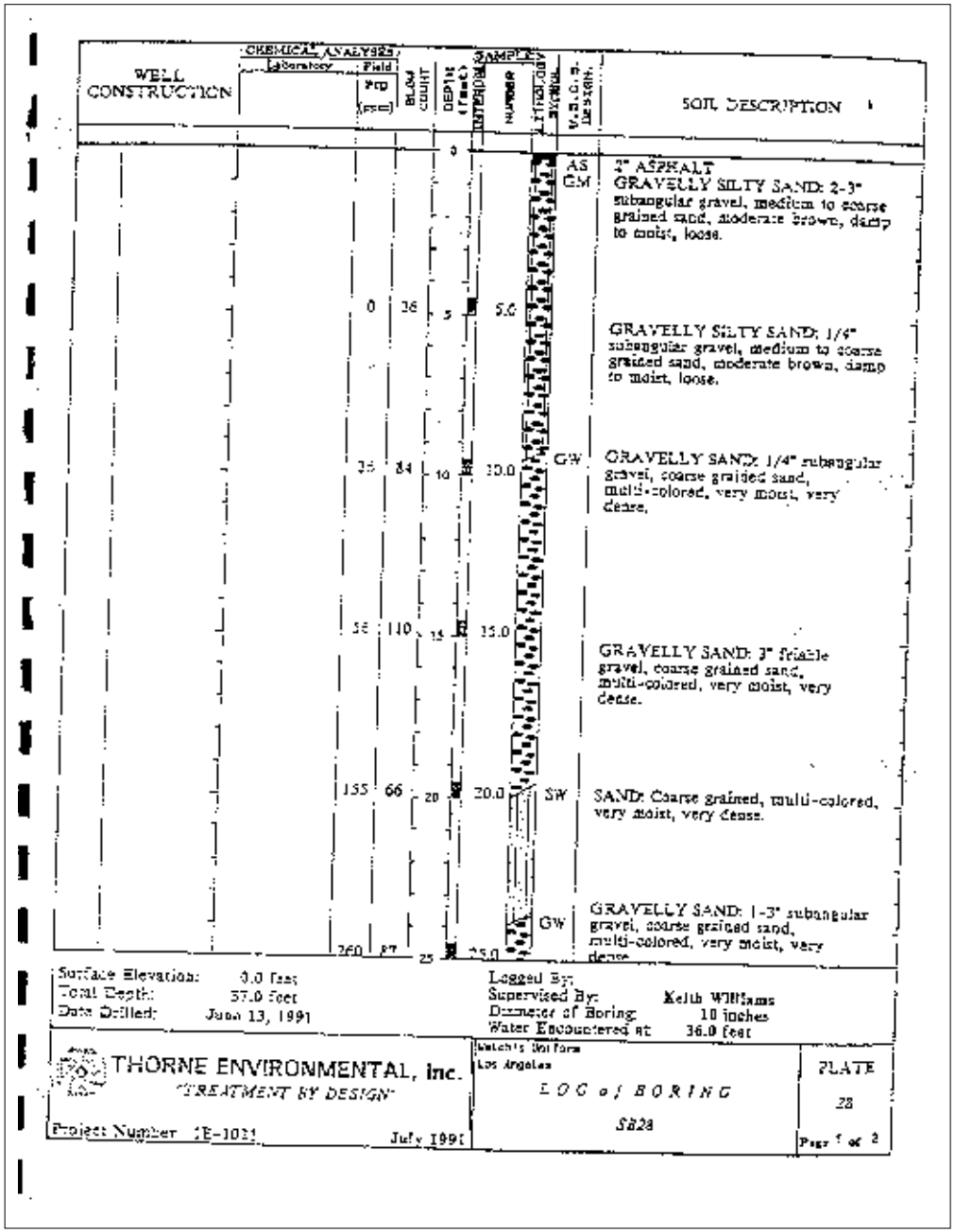

WELL CONSTRUCTION
CHEMICAL ANALYSES
Laboratory
Field
BLOW COUNT
DEPTH (Feet)
SAMPLE
INTERVAL
NUMBER
LITHOLOGY SYMBOL
U.S.C.S. DESIGN.
SOIL DESCRIPTION
Olive gray, silty fine to medium sand, saturated
55
ML
Brown, clayey silt with fine sand, very moist
Brown, fine sandy silt, very moist,
60
Boring completed at 67'
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021
May 1990
WELCH'S UNIFORM RENTAL CO., L.A.
LOG of BORING
MW-104
PLATE
4
Page 3of 3

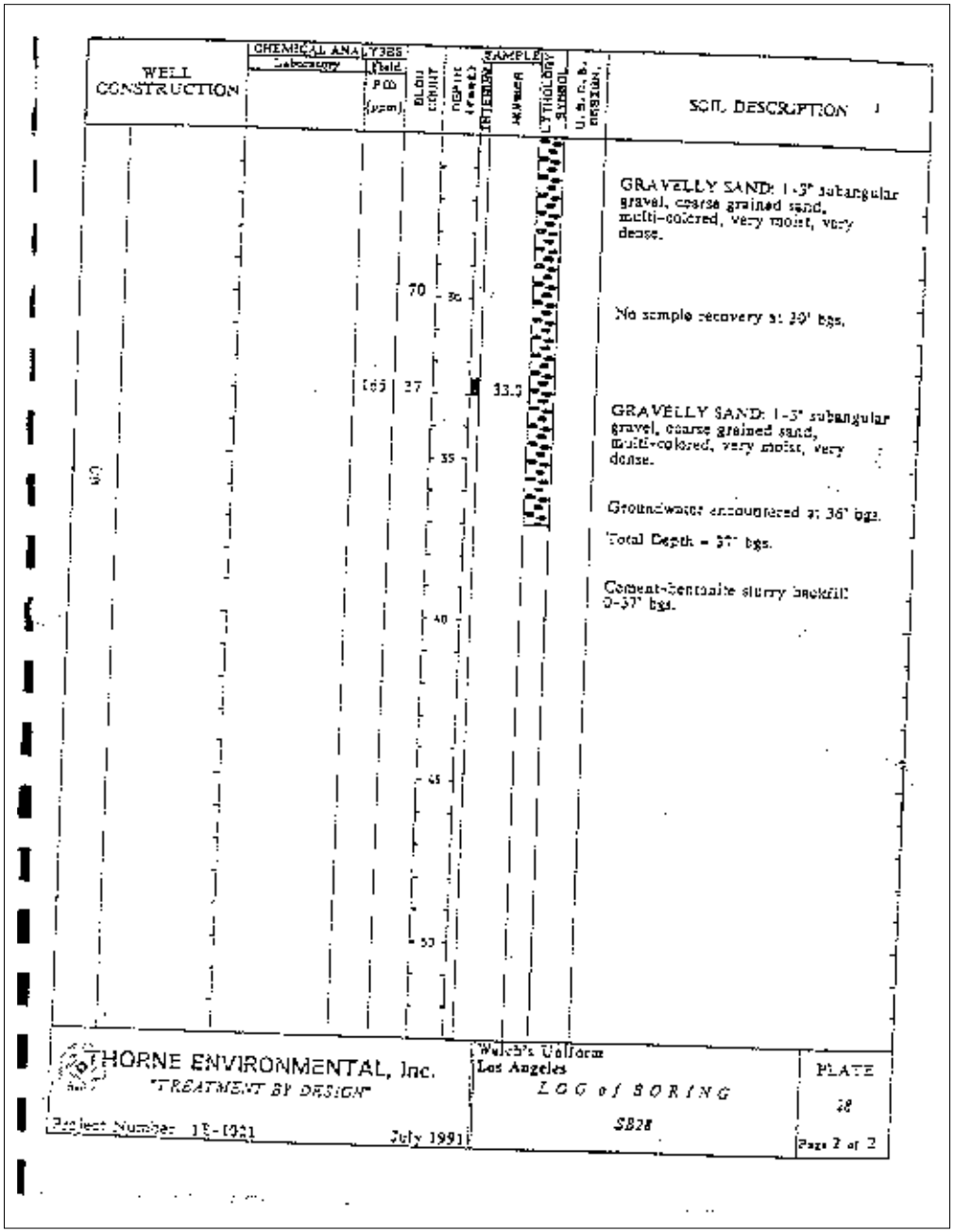

WELL CONSTRUCTION
CHEMICAL ANALYSES
Laboratory
Field
BLOW COUNT
DEPTH (Feet)
SAMPLE
INTERVAL
NUMBER
LITHOLOGY SYMBOL
U.S.C.S. DESIGN.
SOIL DESCRIPTION
0
2" ASPHALT
SP
5
Brown, fine to coarse sand with coarse gravel, moist
10
Reddish brown, medium to coarse sand with fine to coarse gravel, moist
15
Blank PVC pipe with cement backfill
20
25
Surface Elevation: 3643 feet
Total Depth: 89.0 feet
Date Drilled: November 8, 1989
Logged By: PETER FRANK
Supervised By: FRITZ REIMERS
Diameter of Boring: 10" inches
Water Encountered at: feet
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021
May 1990
WELCH'S UNIFORM RENTAL CO., LA.
LOG of BORING
MW-10B
PLATE
5
Page 1 of 4

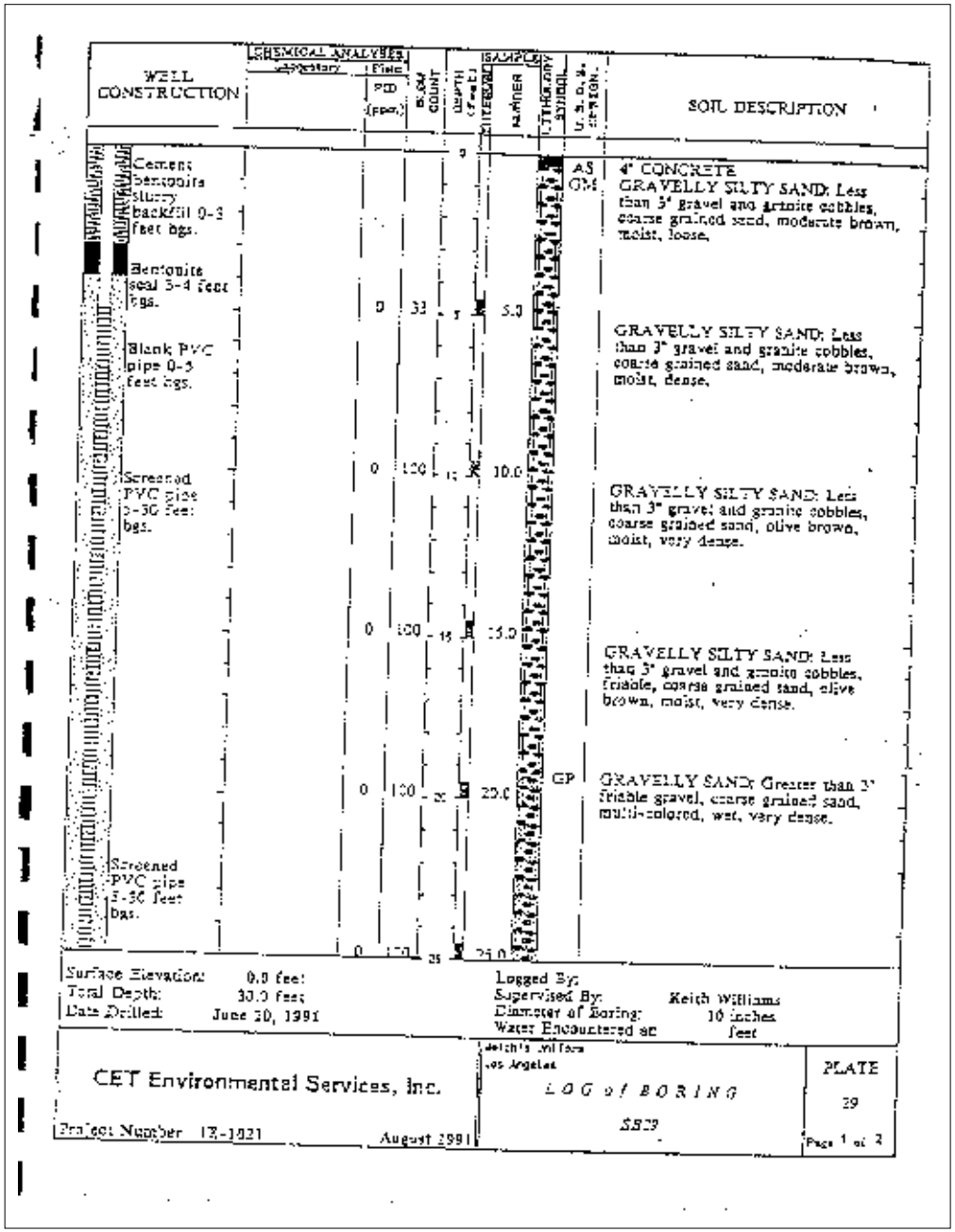

WELL CONSTRUCTION
CHEMICAL ANALYSES
Laboratory
Field
BLOW COUNT
DEPTH (Feet)
SAMPLE
INTERVAL
NUMBER
LITHOLOGY SYMBOL
U.S.C.S. DESIGN.
SOIL DESCRIPTION
SP
Brown, coarse sand with fine to coarse gravel and cobbles, slightly moist
30
35
Olive dark gray, medium to coarse sand with fine to coarse gravels and cobbles
GROUNDWATER ENCOUNTERED AT APPROXIMATELY 38'
40
Blank PVC pipe with cement backfill
Reddish brown, medium to coarse sand, very moist
45
Bentonite plug
50
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021
May 1990
WELCH'S UNIFORM RENTAL CO., LA.
LOG of BORING
MW-10B
PLATE
5
Page 2 of 4

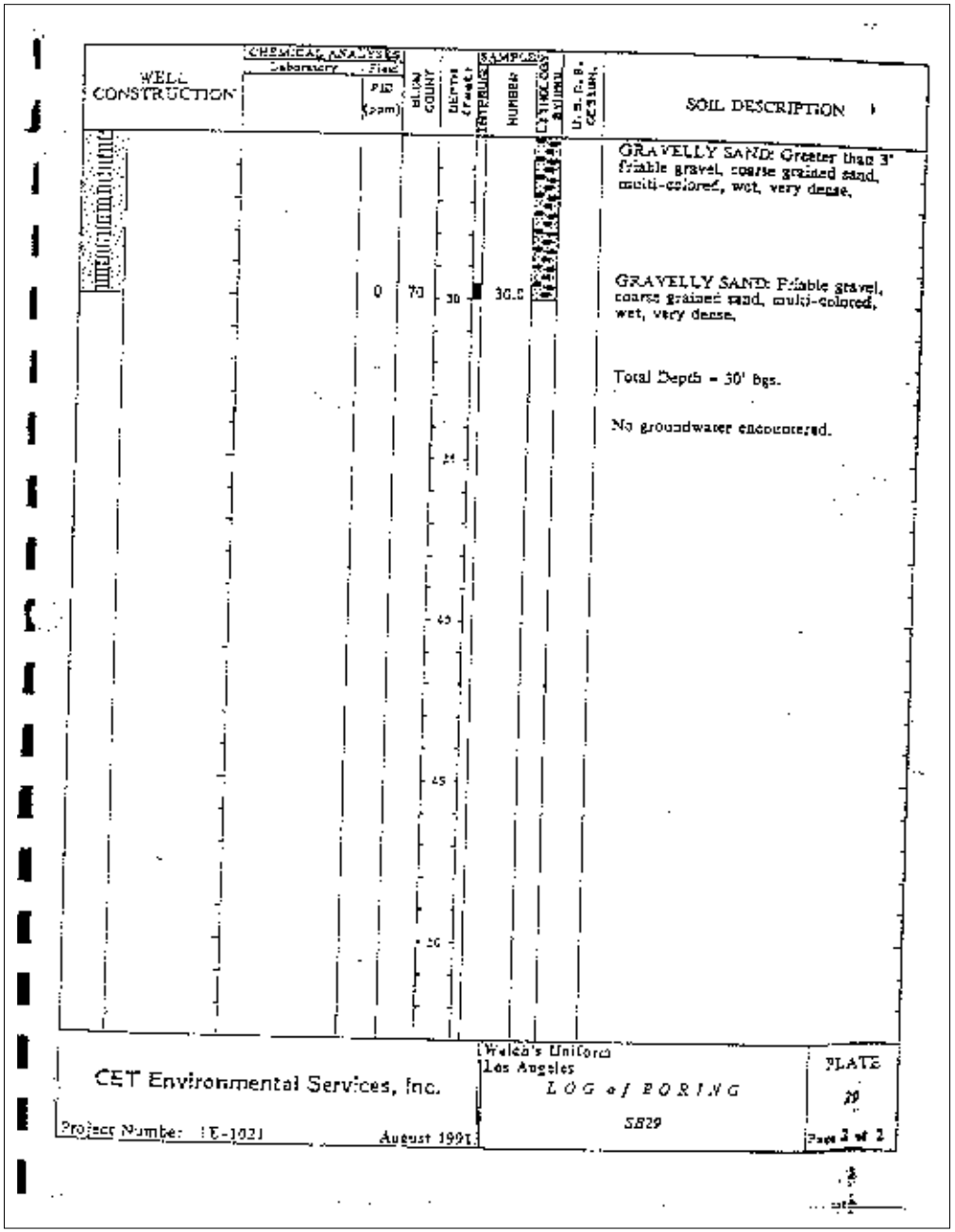

WELL CONSTRUCTION
CHEMICAL ANALYSES
Laboratory
Field
BLOW COUNT
DEPTH (Feet)
SAMPLE
NUMBER
LITHOLOGY SYMBOL
U.S.C.S. DESIGN.
SOIL DESCRIPTION
Reddish brown, medium to coarse sand with fine gravel, saturated
SP
55
60
Reddish brown, medium to coarse sand with fine to coarse gravel, saturated
65
Slotted PVC pipe with sand backfill
SM
70
Reddish brown, silty fine to coarse sand, very moist
75
Reddish brown, silty fine sand, saturated
ML
Reddish brown, fine sandy silt, saturated
80
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021
May 1990
WELCH'S UNIFORM RENTAL CO., L.A.
LOG of BORING
MW-10B
PLATE
5
Page 3of 4

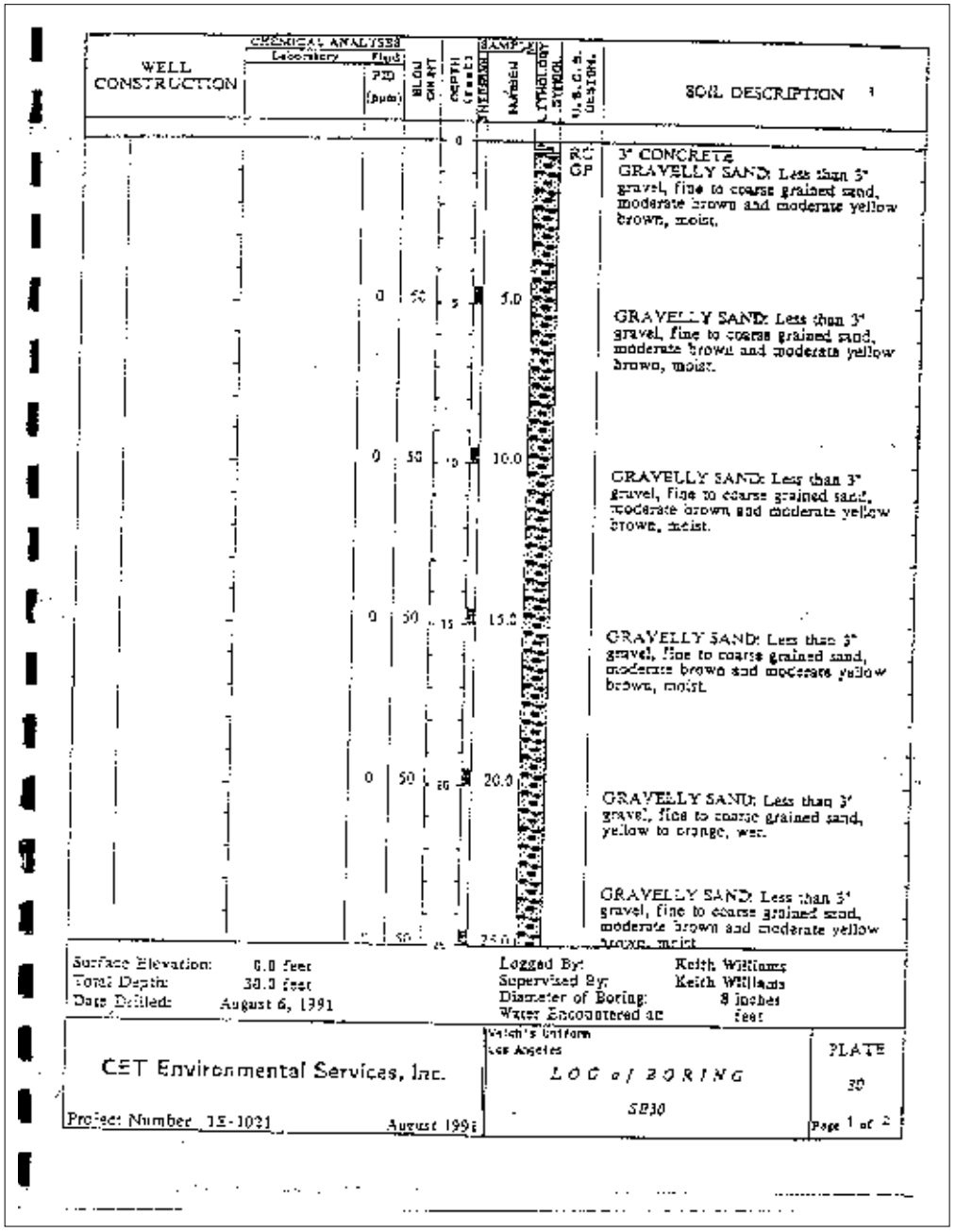

WELL CONSTRUCTION
CHEMICAL ANALYSES
Laboratory
Field
BLOW COUNT
DEPTH (Feet)
SAMPLE
NUMBER
LITHOLOGY SYMBOL
U.S.C.S. DESIGN.
SOIL DESCRIPTION
TS
85
Bedrock- reddish brown sandstone
Boring completed at 88'
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021
May 1990
WELCH'S UNIFORM RENTAL CO., L.A.
LOG of BORING
MW-10B
PLATE
5
Page 4of 4

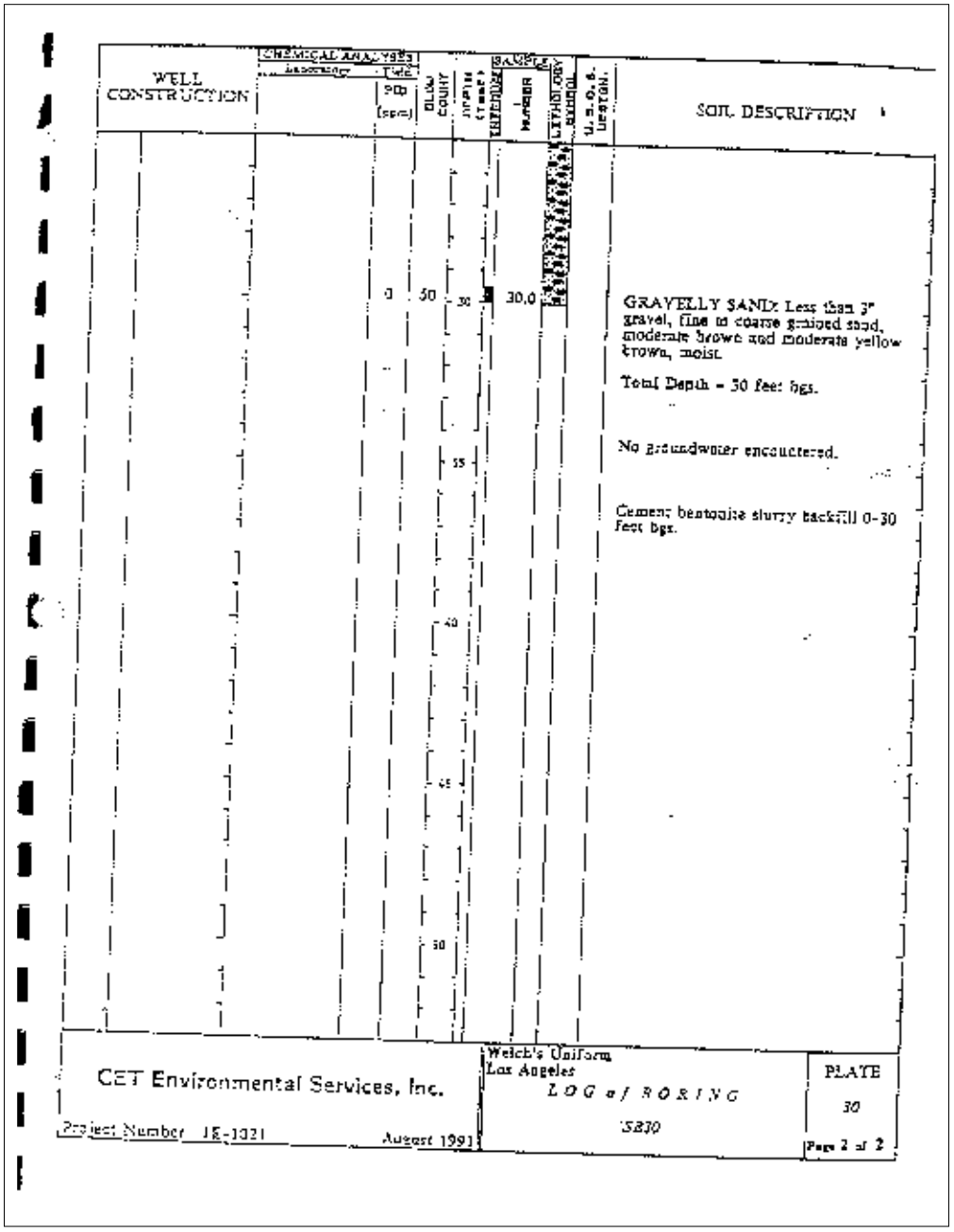

WELL CONSTRUCTION
CHEMICAL ANALYSES
Laboratory
Field
PID (ppm)
BLOW COUNT
DEPTH (Feet)
SAMPLES
INTERVAL
NUMBER
LITHOLOGY SYMBOL
U.S.C.S. DESIGN.
SOIL DESCRIPTION
0
AS
GM
3" ASPHALT
GRAVELLY SILTY SAND: 2-3" subangular gravel, medium to coarse grained sand, moderate brown, damp to moist, loose.
0
36
5
5.0
GRAVELLY SILTY SAND: 1/4" subangular gravel, medium to coarse grained sand, moderate brown, damp to moist, loose.
35
84
10
10.0
GW
GRAVELLY SAND: 1/4" subangular gravel, coarse grained sand, multi-colored, very moist, very dense.
55
110
15
15.0
GRAVELLY SAND: 3" friable gravel, coarse grained sand, multi-colored, very moist, very dense.
155
66
20
20.0
SW
SAND: Coarse grained, multi-colored, very moist, very dense.
GW
GRAVELLY SAND: 1-3" subangular gravel, coarse grained sand, multi-colored, very moist, very dense.
360
87
25
25.0
Surface Elevation: 0.0 feet
Total Depth: 37.0 feet
Date Drilled: June 13, 1991
Logged By:
Supervised By: Keith Williams
Diameter of Boring: 10 inches
Water Encountered at 36.0 feet
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021
July 1991
Welch's Uniform
Los Angeles
LOG of BORING
SB28
PLATE
28
Page 1 of 2


WELL CONSTRUCTION
CHEMICAL ANALYSES
Laboratory
Field
PID (ppm)
BLOW COUNT
DEPTH (Feet)
SAMPLES
INTERVAL
NUMBER
LITHOLOGY SYMBOL
U.S.C.S. DESIGN.
SOIL DESCRIPTION
70
30
165
27
33.0
35
40
45
50
GRAVELLY SAND: 1-3" subangular gravel, coarse grained sand, multi-colored, very moist, very dense.
No sample recovery at 30' bgs.
GRAVELLY SAND: 1-3" subangular gravel, coarse grained sand, multi-colored, very moist, very dense.
Groundwater encountered at 36' bgs.
Total Depth = 37' bgs.
Cement-bentonite slurry backfill 0-37' bgs.
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021
July 1991
Welch's Uniform
Los Angeles
LOG of BORING
SB28
PLATE
28
Page 2 of 2


WELL CONSTRUCTION
CHEMICAL ANALYSES
Laboratory
Field
PID (ppm)
BLOW COUNT
SAMPLES
DEPTH (Feet)
INTERVAL
NUMBER
LITHOLOGY SYMBOL
U.S.C.S. DESIGN.
SOIL DESCRIPTION
Cement bentonite slurry backfill 0-3 feet bgs.
Bentonite seal 3-4 feet bgs.
Blank PVC pipe 0-5 feet bgs.
Screened PVC pipe 5-30 feet bgs.
Screened PVC pipe 5-30 feet bgs.
0 33 5.0
0 120 10.0
0 100 15.0
0 100 20.0
0 120 25.0
AS
GM
GP
4" CONCRETE
GRAVELLY SILTY SAND: Less than 3" gravel and granite cobbles, coarse grained sand, moderate brown, moist, loose.
GRAVELLY SILTY SAND: Less than 3" gravel and granite cobbles, coarse grained sand, moderate brown, moist, dense.
GRAVELLY SILTY SAND: Less than 3" gravel and granite cobbles, coarse grained sand, olive brown, moist, very dense.
GRAVELLY SILTY SAND: Less than 3" gravel and granite cobbles, friable, coarse grained sand, olive brown, moist, very dense.
GRAVELLY SAND: Greater than 3" friable gravel, coarse grained sand, multi-colored, wet, very dense.
Surface Elevation: 0.0 feet
Total Depth: 30.0 feet
Date Drilled: June 30, 1991
Logged By:
Supervised By: Keith Williams
Diameter of Boring: 10 inches
Water Encountered at feet
CET Environmental Services, Inc.
Project Number: 13-1021
August 1991
Welch's Uniform Los Angeles
LOG of BORING
SB29
PLATE 29
Page 1 of 2


WELL CONSTRUCTION
CHEMICAL ANALYSES
Laboratory
Field
PID (ppm)
BLOW COUNT
SAMPLES
DEPTH (Feet)
INTERVAL
NUMBER
LITHOLOGY SYMBOL
U.S.C.S. DESIGN.
SOIL DESCRIPTION
0 70 30.0
GRAVELLY SAND: Greater than 3" friable gravel, coarse grained sand, multi-colored, wet, very dense.
GRAVELLY SAND: Friable gravel, coarse grained sand, multi-colored, wet, very dense.
Total Depth = 30' bgs.
No groundwater encountered.
CET Environmental Services, Inc.
Project Number: 13-1021
August 1991
Welch's Uniform Los Angeles
LOG of BORING
SB29
PLATE 29
Page 2 of 2


WELL CONSTRUCTION
CHEMICAL ANALYSES
Laboratory
Type
PID (ppm)
BLOW COUNT
DEPTH (feet)
SAMPLE
NUMBER
LITHOLOGY SYMBOL
U.S.C.S. DESIGN.
SOIL DESCRIPTION
0
5
10
15
20
25
5.0
10.0
15.0
20.0
25.0
0
50
3" CONCRETE
RC
GP
GRAVELLY SAND: Less than 3" gravel, fine to coarse grained sand, moderate brown and moderate yellow brown, moist.
GRAVELLY SAND: Less than 3" gravel, fine to coarse grained sand, moderate brown and moderate yellow brown, moist.
GRAVELLY SAND: Less than 3" gravel, fine to coarse grained sand, moderate brown and moderate yellow brown, moist.
GRAVELLY SAND: Less than 3" gravel, fine to coarse grained sand, moderate brown and moderate yellow brown, moist.
GRAVELLY SAND: Less than 3" gravel, fine to coarse grained sand, yellow to orange, wet.
GRAVELLY SAND: Less than 3" gravel, fine to coarse grained sand, moderate brown and moderate yellow brown, moist.
Surface Elevation: 0.0 feet
Total Depth: 30.0 feet
Date Drilled: August 6, 1991
Logged By: Keith Williams
Supervised By: Keith Williams
Diameter of Boring: 8 inches
Water Encountered at feet
CET Environmental Services, Inc.
Welch's Uniform
Los Angeles
LOG of BORING
SB30
PLATE
30
Project Number 15-1021
August 1991
Page 1 of 2


WELL CONSTRUCTION
CHEMICAL ANALYSES
Laboratory
Type
PID (ppm)
BLOW COUNT
DEPTH (feet)
SAMPLE
NUMBER
LITHOLOGY SYMBOL
U.S.C.S. DESIGN.
SOIL DESCRIPTION
0
30
35
40
45
50
30.0
0
50
GRAVELLY SAND: Less than 3" gravel, fine to coarse grained sand, moderate brown and moderate yellow brown, moist.
Total Depth = 30 feet bgs.
No groundwater encountered.
Cement bentonite slurry backfill 0-30 feet bgs.
CET Environmental Services, Inc.
Welch's Uniform
Los Angeles
LOG of BORING
SB30
PLATE
30
Project Number 15-1021
August 1991
Page 2 of 2

CAPE ENVIRONMENTAL MANAGEMENT

14741 BENTLEY CIRCLE
TUSTIN, CA. 92780
PHONE (714) 838-1606
FAX: (714) 566-0837

PROJECT NAME: AMERIPRIDE SERVICES, INC - LOS ANGELES, CA

PROJECT NUMBER: 02497.001.002 BORING ID.: CB-1

LOGGED BY: CHECKED BY: P. Sonas LOCATION: Southwest of MW-3

ELEVATION: 354' above MSL WATER LEVEL: 34' bgs X COORDINATE: 9599.05 Y COORDINATE: 10046.70

DATE START: 10-02-00 DATE FINISHED: 10-02-00 DEPTH: 36.00 ft. BOREHOLE DIA.: 8

DRILLING EQUIPMENT: West Hazmat Drilling Corp. - CME-55 NOTES: Backfilled with Portland Cement. Bentonite slurry to surface with 4" concrete cap

SAMPLING METHOD: Hollow stem auger

ELEVATION (FT.)	DEPTH (ft.)	RECOVERY	BLOW COUNT	Ambient Air / WATER READING (ppm)	GRAPHIC LOG	USCS CODE	MATERIAL DESCRIPTION	BOREHOLE COMPLETION
		90	12			GW	GRAVEL: very light gray (N8), gravel 1/4" to > 1" diameter, little silt and fine grained sand, very dense, dry. NO HYDROCARBON ODOR	
350	4	100	2				GRAVEL: very light gray (N8), weathered/fractured granite, trace silt and fine grained sand, very dense, dry. NO HYDROCARBON ODOR	
345	10	100	0				GRAVEL: very light gray (N8), as above	
						SW		
339	15	35 60	0				GRAVELLY SAND: dark yellowish brown (10YR,4/2), fine to coarse grained sand, some 1/4 inch to 1/2 inch diameter gravel, very dense, slightly moist, NO HYDROCARBON ODOR	
335	20	92	3				GRAVELLY SAND: olive gray (5Y,4/1), as above	
330	25	25 70 40	5				GRAVELLY SAND: olive gray (5Y,4/1), fine to coarse grained sand, some gravel 1/4 inch to > 2 inch in diameter, very dense, slightly moist, NO HYDROCARBON ODOR	

ELEVATION (FT.)	DEPTH (ft.)	RECOVERY	BLOW COUNT	Ambient Air / WATER READING (ppm)	GRAPHIC LOG	USCS CODE	MATERIAL DESCRIPTION	BOREHOLE COMPLETION
		78	7	4			GRAVELLY SAND: olive gray (5Y,4/1), fine to coarse grained sand, some gravel 1/4 inch to 1/2" inch diameter, very dense, slightly moist, NO HYDROCARBON ODOR	
330	35	80 56	56			SW GW	GRAVELLY SAND TO SANDY GRAVEL: olive gray (5Y,4/1), fine to coarse grained sand, 1/4 inch to 1 inch diameter gravel, very dense, wet, STRONG HYDROCARBON ODOR	
325	40							
320	45							
315	50							
310	55							
305	60							
300	65							
	70							

CAPE ENVIRONMENTAL MANAGEMENT

14181 BENTLEY CIRCLE
TUSTIN, CA 92780
PHONE (714) 505-1800
FAX (714) 505-8697

PROJECT NAME: AREA PRIDE SERVICES, INC. - LOS ANGELES, CA

PROJECT NUMBER: 32497.501.002 | BORING ID: SB-1

LOGGED BY: | CHECKED BY: P. Schey

LOCATION: Southwest of MW-3

ELEVATION: 344' above MSL | WATER LEVEL: 38' bgs

X COORDINATE: 1627.10 | Y COORDINATE: 1687.06

DATE START: 12-02-09 | DATE FINISHED: 12-02-09

DEPTH: 35.0 ft | BOREHOLE DIA.: 8"

DRILLING EQUIPMENT: West Hazmat Drilling Corp. - CME-85

NOTES: Backfilled with Portland Cement. Bentonite slurry to surface with 4" concrete cap

SAMPLING METHOD: Hollow stem auger

ELEVATION (feet MSL)	DEPTH (FT)	RECOVERY	BLOW COUNT	Photoionization Detector (PID) VAPOR READING (ppm)	GRAPHIC LOG	USCS CODE	MATERIAL DESCRIPTION	BOREHOLE COMPLETION
		100		0		GW	GRAVEL: olive gray (5Y,4/1) to brownish gray (5Y,4/1), very dense, loose, 1/4" to 3/8" gravel, dry, NO HYDROCARBON ODOR	
340	5	100		0		GW GM	GRAVELLY SILT: olive gray (5Y,4/1), very dense, little fine to fine grained sand with some 1/4" to 3/8" gravel, dry, NO HYDROCARBON ODOR	
335	10	100		0			GRAVEL: light olive gray (5Y,6/1), very fine to coarse grained sand, 1/4" to cobble sized gravel, very dense, dry, NO HYDROCARBON ODOR	
330	15	100		1		GW		
325	20						No sample	
320	25	100		6		GP	POORLY GRADED GRAVEL: olive gray (5Y,4/1) to dark yellowish brown (10YR,4/2), 1/4" to 1" diameter gravel, some medium to coarse grained sand, very dense, slightly moist, NO HYDROCARBON ODOR	
						GW		

ELEVATION (feet MSL)	DEPTH (FT)	RECOVERY	BLOW COUNT	Photoionization Detector (PID) VAPOR READING (ppm)	GRAPHIC LOG	USCS CODE	MATERIAL DESCRIPTION	BOREHOLE COMPLETION
		100		0			GRAVEL: olive gray (5Y,4/1) to olive black (5Y,2/1), 1/4" to 1/2" gravel, trace medium gravelly sand, very dense, slightly moist, ND HYDROCARBON ODOR	
320	25	52		42		GP	encountered groundwater	
315	30						GRAVEL: olive gray (5Y,4/1), poorly graded 1/4" to >1" diameter gravel, some medium to coarse grained sand, very dense, wet, STRONG HYDROCARBON ODOR	
310	35						Total depth = 35 feet bgs	

CAPE ENVIRONMENTAL MANAGEMENT

14764 BERKLEY CIRCLE
TUSTIN, CA. 92780
PHONE (714) 505-1369
FAX (714) 505-0367

PROJECT NAME: AMERIPRIDE SERVICES, INC. - LOS ANGELES, CA

PROJECT NUMBER: 02437.001.002 BORING ID: CB-3

LOGGED BY: CHECKED BY: P. Simms LOCATION: Southwest of MW-3

ELEVATION: 354' above MSL WATER LEVEL: 34' bgs X COORDINATE: 6816.69 Y COORDINATE: 9550.33

DATE START: 06-03-02 DATE FINISHED: 06-03-02 DEPTH: 45.85 ft. BOREHOLE DIA.: 8"

DRILLING EQUIPMENT: West Harmon Drilling Corp. - CME-75 NOTES: Backfilled with Portland Cement, Bentonite slurry to surface with 4" concrete cap

SAMPLING METHOD: Hollow stem auger

ELEVATION (FT)	DEPTH (FT)	RECOVERY	BLOW COUNT	Pictures 100 VAPOR READING (ppm)	GRAPHIC LOG	USCS CODE	MATERIAL DESCRIPTION	BOREHOLE COMPLETION
						SP	SAND: olive gray (5Y,4/1) to dark yellowish brown (10YR,4/1), very fine to fine grained, little silt, slightly dense, slightly moist, NO HYDROCARBON ODOR	
349	5	18	0			SC	CLAYEY SAND: dark yellowish brown (10YR,4/2), very fine grained, some clay, little silt, slightly dense to dense, slightly moist, NO HYDROCARBON ODOR	
344	10	60	0			SW	GRAVELLY SAND/GRAVEL: olive gray (5Y,4/1), very fine to coarse grained sand, gravel from 1/4" to >2" diameter, little silt, very dense, slightly moist, NO HYDROCARBON ODOR drill rig had to retrieve hammer from borehole - replaced swivel hammer stuck in auger	
339	15						lost - no sample	
345	20	100	0			GW	GRAVEL: light gray (N7), weathered granite 1/4" to >2" in diameter, very dense, dry, NO HYDROCARBON ODOR	
340	25	100	0			SW	GRAVELLY SAND TO SANDY GRAVEL: olive gray (5Y,4/1), very fine to medium grained sand, 1/4" to >1" diameter gravel, very dense, slightly moist, NO HYDROCARBON ODOR	

ELEVATION (FT)	DEPTH (FT)	RECOVERY	BLOW COUNT	Pictures 100 VAPOR READING (ppm)	GRAPHIC LOG	USCS CODE	MATERIAL DESCRIPTION	BOREHOLE COMPLETION
		100	0			SW	GRAVELLY SAND TO SANDY GRAVEL: as above	
320	35	45	1000+				GRAVELLY SAND: olive gray (5Y,4/1), medium to coarse grained, some gravel 1/4" to >1" diameter, very dense, wet, STRONG HYDROCARBON ODOR Total depth = 35 feet bgs	
325	40							
320	45							
315	50							
309	55							
305	60							
300	65							
	70							

CAPE ENVIRONMENTAL MANAGEMENT

14141 RENTLEY CIRCLE
TUSTIN, CA. 92780
PHONE (714) 505-1808
FAX (714) 556-0967

PROJECT NAME: AMER PRIDE SERVICES, INC. - LOS ANGELES, CA

PROJECT NUMBER: 03497.001.002 BORING ID: CB-4

LOGGED BY: CHECKED BY: P. Bonin LOCATION: Southwest of WWO

ELEVATION: 349' above MSL WATER LEVEL: 34' bgs X COORDINATE: 5788.61 Y COORDINATE: 9622.31

DATE START: 08-02-00 DATE FINISHED: 08-02-00 DEPTH: 35.00 ft. CORE-HOLE DIA.: 8

DRILLING EQUIPMENT: West Hazmat Drilling Corp. - CME-55 NOTES: Backfilled with Portland Cement. Bentonite slurry to surface with 4" concrete cap

SAMPLING METHOD: Hollow stem auger

ELEVATION (FT)	DEPTH (FT)	RECOVERY	BLOW COUNT	HEADSPACE OR VAPOR READING (ppm)	GRAPHIC LOG	USCS CODE	MATERIAL DESCRIPTION	BOREHOLE COMPLETION
			7 25 25	10		SP	SAND: dusky brown (5YR,2/2), very fine to fine grained, trace silt, little clay, dense, slightly moist, NO HYDROCARBON ODOR	
345	5		14 21 15	0		CL	SILTY CLAY: grayish brown (5YR,3/2), firm, slightly moist, some silt, NO HYDROCARBON ODOR	
335	15		12 19 47	0			SILTY CLAY: brownish black (5YR,2/1), firm, slightly moist, some silt, NO HYDROCARBON ODOR	
							SILTY CLAY: grayish black (N2), firm, slightly moist, some silt, NO HYDROCARBON ODOR	
340	25		5 50 50	0		SP	SAND: olive gray (5Y,3/1) to dark yellowish brown (10YR,4/2), very fine to medium grained, little gravel, dense, slightly moist, NO HYDROCARBON ODOR	
330	25		33 50	0		CL	CLAY: brownish black (5YR,2/1), firm to hard, slightly moist, trace sand, NO HYDROCARBON ODOR	
						SW		

PROJECT NAME: AMERIPRIDE SERVICES, INC. - LOS ANGELES, CA PROJECT NUMBER: 03497.001.002 BORING ID: CB-4

ELEVATION (FT)	DEPTH (FT)	RECOVERY	BLOW COUNT	HEADSPACE OR VAPOR READING (ppm)	GRAPHIC LOG	USCS CODE	MATERIAL DESCRIPTION	BOREHOLE COMPLETION
			50				GRAVELLY SAND: dark yellowish brown (10YR,4/2), fine to medium grained, some 1/4" to >1" diameter gravel, very dense, slightly moist, NO HYDROCARBON ODOR	
330	20	50	100	0			GRAVELLY SAND: dark yellowish brown (10YR,4/2), fine to medium grained, some 1/4" to >1" gravel, very dense, slightly moist, NO HYDROCARBON ODOR Total depth = 35 feet bgs	
325	40							
315	50							
310	55							
305	65							
300	65							
	70							

CAPE ENVIRONMENTAL MANAGEMENT

14701 BENTLEY CIRCLE
TUSTIN, CA. 92780
PHONE (714) 505-1660
FAX. (714) 544-0937

PROJECT NAME: AMERIPRIDE SERVICES, INC. - LOS ANGELES, CA

PROJECT NUMBER: 02457.001.002 BORING ID.: CB-6

LOGGED BY: CHECKED BY: P. Stone LOCATION: Southeast of MW-3

ELEVATION: 284' above MSL WATER LEVEL: dy X COORDINATE: 6703.75 Y COORDINATE: 6662.52

DATE START: 08-03-00 DATE FINISHED: 08-03-00 DEPTH: 32.00 ft. BORE-HOLE DIA.: 8

DRILLING EQUIPMENT: West Hazmat Drilling Corp. - CME-55 NOTES: Backfilled with Portland Cement Bentonite slurry to surface with 4" concrete cap

SAMPLING METHOD: Hollow stem auger

ELEVATION (FT)	DEPTH (FT)	RECOVERY	BLOW COUNT	Photovac 10S VAPOR READING (ppm)	GRAPHIC LOG	USCS CODE	MATERIAL DESCRIPTION	BOREHOLE COMPLETION
						SW		
		100						
280	5	100	0				GRAVELLY SAND: dark yellowish brown (10YR,4/2), very fine to medium grained, some 1/4" diameter gravel, very dense, dry, NO HYDROCARBON ODOR	
						SP		
275	10	12 38 50	0				SAND: dark yellowish brown (10YR,4/2), very fine to fine-grained, trace 1/4" diameter gravel, dense, slightly moist, NO HYDROCARBON ODOR	
268	15	14 50	0				SAND: dark yellowish brown (10YR,4/2), fine to coarse grained, dense, slightly moist, NO HYDROCARBON ODOR	
						SW		
263	20	68 50	0				SAND: dark yellowish brown (10YR,4/2), fine to coarse grained, some 1/4" to 1/2" diameter gravel, very dense, slightly moist, NO HYDROCARBON ODOR	
260	25	28 50	0				GRAVELLY SAND: as above	
						GW		

PROJECT NAME: AMERIPRIDE SERVICES, INC. LOS ANGELES, CA PROJECT NUMBER: 02457.001.002 BORING ID.: CB-6

ELEV.	DEPTH (FT)	RECOVERY	BLOW COUNT	Photovac 10S VAPOR READING (ppm)	GRAPHIC LOG	USCS CODE	MATERIAL DESCRIPTION	BOREHOLE COMPLETION
			88	0			GRAVEL: very light gray (N8), 1/2" to >2" diameter gravel, little fine grained sand, very dense, slightly moist, NO HYDROCARBON ODOR	
			50					
			100	0			GRAVEL: very light gray (N8), 1/2" to >2" diameter, little fine grained sand, very dense, slightly moist, NO HYDROCARBON ODOR	
250	35						Refusal @ 32' bgs	
							Total depth = 32 feet bgs	
245	40							
240	45							
235	50							
230	55							
225	60							
220	65							
2	TD							

CAPE ENVIRONMENTAL MANAGEMENT

14741 BENTLEY CIRCLE
TUSTIN, CA. 92780
PHONE (714) 668-1600
FAX: (714) 508-6667

PROJECT NAME: AMERIPRIDE SERVICES, INC. - LOS ANGELES, CA

PROJECT NUMBER: 02497.001.002 BORING ID.: CB-6

LOGGED BY: CHECKED BY: A. Sarkis

LOCATION: Southwest of Bay-3

ELEVATION: 354' above MSL WATER LEVEL: 34' bgs

X COORDINATE: 6701.51 Y COORDINATE: 5474.33

DATE START: 08-02-06 DATE FINISHED: 08-02-06

DEPTH: 35.5 ft. BOREHOLE DIA.: 8"

DRILLING EQUIPMENT: Mobil Electric Drill(s) Corp. - CME-85

NOTES: Backfilled with Portland Cement, Bentonite slurry to surface with 4" concrete cap

SAMPLING METHOD: Hollow stem auger

ELEVATION (FT)	DEPTH (FT)	ABSOLUTE	BLOW COUNT	Portable 128 VAPOR READING (ppm)	GRAPHIC LOG	USCS CODE	MATERIAL DESCRIPTION	BOREHOLE COMPLETION
		12				GP	GRAVEL: very light gray (N8), little silt and sand, very dense, dry, NO HYDROCARBON ODOR	
		25					refusal @ 2', moved rig 4 feet to south	
350	5	36						
		100						
345	10	100		0				
							SANDY GRAVEL: olive gray (5Y,4/1), medium to coarse grained sand, gravel 1/4" to >2 inch in diameter, very dense, moist, NO HYDROCARBON ODOR	
						SW		
340	15	84		0			GRAVELLY SAND: dark yellowish brown (10YR,4/2), fine to coarse grained sand, some gravel, very dense, slightly moist, NO HYDROCARBON ODOR	
		50						
335	20	85		0				
		60						
330	25	50		0			GRAVELLY SAND: olive gray (5Y,4/1), fine to coarse grained, some gravel 1/4" to >2" in diameter, trace clay, very dense, slightly moist, NO HYDROCARBON ODOR	
		50						

ELEVATION (FT)	DEPTH (FT)	MEDIDAS	MICRO COUNT	Portable 128 VAPOR READING (ppm)	GRAPHIC LOG	USCS CODE	MATERIAL DESCRIPTION	BOREHOLE COMPLETION
			100	1			GRAVELLY SAND: as above	
			65	204				
			50					
320	35						encountered groundwater GRAVELLY SAND: medium to coarse grained, 1/4" to >1-1/2" diameter gravel, very dense, wet, STRONG HYDROCARBON ODOR Total depth = 35 feet bgs	
325	40							
320	45							
315	50							
310	55							
305	60							
300	65							
	70							

CAPE ENVIRONMENTAL MANAGEMENT

14791 BEATLEY CIRCLE
TUSTIN, CA. 92780
PHONE (714) 505-1335
FAX: (714) 505-0387

PROJECT NAME: AMERIPRIDE SERVICES, INC. - LOS ANGELES, CA

PROJECT NUMBER: 02497.001/002 | BORING ID.: MW-6A

LOGGED BY: | CHECKED BY: P. Boese | LOCATION: at Pasadena Ave. south of bridge

ELEVATION: 279.40' | WATER LEVEL: 41' bgs | X COORDINATE: 6672.58 | Y COORDINATE: 1013.67

DATE START: 05-04-05 | DATE FINISHED: 05-04-05 | DEPTH: 45.5' ft. | BOREHOLE DIA.: 10

DRILLING EQUIPMENT: Water Development Corp. - Star 2000 HH, Air Rotary

NOTES: Set 4" sch 40 PVC; bent-0-30' bgs, sand-pack-30-45' bgs, bentonite seal, #3 monterey sand 45-45' bgs, bentonite chip 24-27' bgs, bentonite-concrete-1-24' bgs, traffic box-0 1' bgs

SAMPLING METHOD: grab samples from air rotary discharge

ELEVATION (FT.)	DEPTH (FT.)	RECOVERY	BLOW COUNT	PID-FID VAPOR READING (ppm)	GRAPHIC LOG	USCS CODE	MATERIAL DESCRIPTION	BOREHOLE COMPLETION
	0			0		SP	4" asphalt over 8" concrete	
268	5			0			SAND: fine to medium grained, slightly moist, NO HYDROCARBON ODOR	
264	10			0			SAND AND GRAVEL: 1/4 inch to 1 inch diameter, slightly moist	
259	15			0			SAND: medium grained, sfigihtly moist, added 20' of casing	
254	20			0		GP	SAND: medium to coarse grained, sfigihtly moist	
249	25			0		SP	GRAVEL: 1/4 inch to 2" in diameter, slightly moist, some medium to coarse grained sand	
							SAND: fine to medium grained, slightly moist, some gravel	

ELEVATION (FT.)	DEPTH (FT.)	RECOVERY	BLOW COUNT	PID-FID VAPOR READING (ppm)	WELL/PIEZ LOG	USCS CODE	MATERIAL DESCRIPTION	BOREHOLE COMPLETION
				0			SAND: as above	
235	35			0			SAND: fine to medium grained, some coarse, some gravel, slightly moist	
234	40			0			SAND: as above boring dry @36' bgs	
						SW GW	SAND WITH GRAVEL: fine to medium grained sand, some coarse, some gravel up to 2" diameter, very moist	
							SAND AND GRAVEL: as above, wet	
229	45			0		SP	GRAVEL: up to 2-1/2 inch diameter, little coarse grained sand, wet	
224	50			0			GRAVEL: as above	
219	55			0			GRAVEL: up to 3 inch in diameter, some coarse grained sand, wet	
214	60			0			GRAVEL: up to 2 inch in diameter, some coarse grained sand, wet	
							GRAVEL AND SAND: up to 1-1/2 inch diameter gravel, some coarse grained sand, wet	
209	65			0			GRAVEL AND SAND: gravel up to 1-1/2 inch diameter, some medium to coarse grained sand, wet	
							Total depth 65 feet bgs	
	70							
	75							

CAPE ENVIRONMENTAL MANAGEMENT
14741 MONTECITO CIRCLE
TUSTIN, CA. 92780
PHONE (714) 556-1905
FAX: (714) 508-0357

PROJECT NAME: AMERIPRIDE SERVICES, INC. - LOS ANGELES, CA

PROJECT NUMBER: 02497.001.002 BORING ID: MW-11

LOGGED BY: CHECKED BY: P. Bones LOCATION: South of fenceline, 20' west of MW-6

ELEVATION: 363.74' WATER LEVEL: 35.8' BGS X COORDINATE: 6483.84 Y COORDINATE: 10337.37

DATE START: 08-28-06 DATE FINISHED: 08-28-06 DEPTH: 88.00 ft. BORE HOLE DIA.: 10

DRILLING EQUIPMENT: Water Development Corp. - Star 3000 30K Air Rotary

NOTES: Set 4" sch 40 PVC: blank 0-23' bgs, slot 23-88' bgs, backfilled with #3 monterey sand 23-88' bgs, bentonite chip 19-23' bgs, cement/bentonite grout 0-19' bgs, traffic box 0-1' bgs

SAMPLING METHOD: grab samples from air rotary discharge

ELEVATION (FT)	DEPTH (FT)	ANNULUS	BLOW COUNT	PID VOC VAPOR READING (ppm)	GRAPHIC LOG	USCS CODE	MATERIAL DESCRIPTION	BOREHOLE COMPLETION
				0		SW GW	Dirt surface SAND WITH GRAVEL: up to 1 inch diameter, slightly moist	
359	5			0				
354	10			0			SAND WITH GRAVEL: up to 1 inch diameter, slightly moist	
349	15			0			SAND WITH GRAVEL: up to 1-1/2 inch diameter, slightly moist	
344	20			0			SAND WITH GRAVEL: up to 1 inch diameter, slightly moist	
339	25			0			SAND WITH GRAVEL: up to 1 inch diameter, slightly moist	
				20				

ELEVATION (FT)	DEPTH (FT)	ANNULUS	BLOW COUNT	PID VOC VAPOR READING (ppm)	GRAPHIC LOG	USCS CODE	MATERIAL DESCRIPTION	BOREHOLE COMPLETION
325	38			0			SAND AND GRAVEL: moist SAND AND GRAVEL: moist SAND AND GRAVEL: wet	
324	40			0			SAND WITH GRAVEL: up to 1 inch diameter, wet	
319	45			0			SAND WITH GRAVEL: up to 1-1/2 inch diameter, wet	
314	50			0			SAND WITH GRAVEL: up to 1-1/2 inch diameter, wet	
309	55			0			SAND WITH GRAVEL: up to 1 inch diameter, wet Total depth 88 feet bgs	
304	60							
299	65							
294	70							

CAPE ENVIRONMENTAL MANAGEMENT

14795 BENTLEY CIRCLE
TUSTIN, CA. 92780
PHONE: (714) 505-1800
FAX: (714) 505-0447

PROJECT NAME: AMERIPRIDE SERVICES, INC. - LOS ANGELES, CA

PROJECT NUMBER: 32487.001.002 | BORING ID.: MW-12

LOGGED BY: | CHECKED BY: P. Sosso | LOCATION: south of strip of fence line

ELEVATION: 351.49' | WATER LEVEL: 36.81' | X COORDINATE: 9648.46 | Y COORDINATE: 6976.15

DATE START: 06-25-00 | DATE FINISHED: 06-29-00 | DEPTH: 55.34 ft | BOREHOLE DIA.: 10

DRILLING EQUIPMENT: Water Development Corp. - Star 3500 50K Air Rotary

NOTES: Set 4" sch 40 PVC, blank-0-25' bgs, slotted-25-55' bgs, bagfilled with #3 monterey sand 21-55' bgs, bentonite chips 1-18' bgs, traffic box-0-1' bgs

SAMPLING METHOD: grab samples from air rotary discharge

ELEVATION (FT)	DEPTH (FT)	RECOVERY	BLOW COUNT	FIELD SCREENING HEADING (ppm)	GRAPHIC LOG	USCS CODE	MATERIAL DESCRIPTION	BOREHOLE COMPLETION
						SW	Dirt surface	
353	5			0			SAND: with little gravel up to 1 inch diameter, slightly moist	
348	10			0			SAND: with trace of gravel up to 1 inch diameter, slightly moist	
343	15			0			SAND: trace gravel, slightly moist	
338	20			0			SAND: trace gravel, slightly moist	
333	25			0			SAND: little gravel, slightly moist	
						SW		

ELEVATION (FT)	DEPTH (FT)	RECOVERY	BLOW COUNT	FIELD SCREENING HEADING (ppm)	GRAPHIC LOG	USCS CODE	MATERIAL DESCRIPTION	BOREHOLE COMPLETION
				0		GW	SAND AND GRAVEL: gravel up to 1-1/2 inch diameter, moist	
329	30			0			SAND AND GRAVEL: gravel up to 1 inch diameter, moist	
324	40			0			SAND AND GRAVEL: gravel up to 1-1/2 inch diameter, wet	
319	45			0			SAND AND GRAVEL: gravel up to 1 inch diameter, wet	
314	50			0			SAND AND GRAVEL: gravel up to 1 inch diameter, wet	
309	55			0			SAND AND GRAVEL: gravel up to 1-1/2 inch diameter, wet	
304	60						Total depth 55 feet bgs	
299	65							
294	70							

CAPE ENVIRONMENTAL MANAGEMENT

14741 BENTLEY CIRCLE
TUSTIN, CA. 92780
PHONE: (714) 505-1660
FAX: (714) 505-1667

PROJECT NAME: AMERIPRIDE SERVICES, INC. - LOS ANGELES, CA

PROJECT NUMBER: 03447.001.002 BORING ID: MW-13A

LOGGED BY: CHECKED BY: P. Sumsa

LOCATION: on W Avenue 34, 400± of MW-13B

ELEVATION: 338.00' WATER LEVEL: 49' bgs

X COORDINATE: 6246.39 Y COORDINATE: 6508.55

DATE START: 10-30-09 DATE FINISHED: 05-26-00

DEPTH: 64.00 ft. BOREHOLE DIA.: 10

DRILLING EQUIPMENT: Water Development Corp. Star 3000 DTH Air Rotary

NOTES: Set 4" sch 40 PVC; blank 0-32' bgs, slotted-32-62' bgs, sacrified with: 63 TYHRRY SAND-28-64' bgs, bentonite chip-25-28' bgs, bentonite-concrete-1-25' bgs, traffic box-0-1' bgs

SAMPLING METHOD: grab samples from air rotary discharge

ELEVATION (FT.)	DEPTH (FT.)	RECOVERY	BLOW COUNT	PID 10.6 VAPOR READING (ppm)	GRAPHIC LOG	USCS CODE	MATERIAL DESCRIPTION	BOREHOLE COMPLETION
						SW	6" asphalt surface	
330	8			0			SAND: fine to medium grained, slightly moist	
320	18			0			SAND: medium to coarse grained, slightly moist	
308	30			0			SAND AND GRAVEL: medium to coarse grained sand, gravel up to 1 inch diameter, slightly moist	
290	48			0			SAND: medium to coarse grained, slightly moist	
275	63			0			SAND: and little gravel, medium to coarse grained, slightly moist	

ELEVATION (FT.)	DEPTH (FT.)	RECOVERY	BLOW COUNT	PID 10.6 VAPOR READING (ppm)	GRAPHIC LOG	USCS CODE	MATERIAL DESCRIPTION	BOREHOLE COMPLETION
							SAND: little gravel, medium to coarse grained, gravel up to 3 inch diameter, slightly moist	
334	36			0		SW GW	SAND AND GRAVEL: medium to coarse grained, gravel up to 1 1/2" in diameter, slightly moist	
320	48			0			SAND AND LITTLE GRAVEL: medium to coarse grained, moist	
310	48			0			SAND AND LITTLE GRAVEL: medium to coarse grained, gravel up to 1 inch diameter	
300	58			0			SAND AND LITTLE GRAVEL: medium to coarse grained, gravel up to 1 1/2 inch diameter	
295	68			0			SAND AND LITTLE GRAVEL: medium to coarse grained, wet	
308	68			0			SAND AND LITTLE GRAVEL: medium to coarse grained, gravel up to 1 1/2 inch diameter	
255	64			0			Total depth 64 feet bgs	
	70							

CAPE ENVIRONMENTAL MANAGEMENT

14751 BENTLEY CIRCLE
TUSTIN, CA. 92780
PHONE (714) 505-1559
FAX: (714) 505-9667

PROJECT NAME: AMERIPRIDE SERVICES, INC. - LOS ANGELES, CA

PROJECT NUMBER: 02487.001.002 | BORING ID.: MW-13B

LOGGED BY: | CHECKED BY: P. Sonia | LOCATION: on W Avenue 34, west of MW-13A

ELEVATION: 360.11' | WATER LEVEL: approx. 42' bgs | X COORDINATE: 6237.58 | Y COORDINATE: 6291.56

DATE START: 05-31-06 | DATE FINISHED: 06-01-06 | DEPTH: 86.69 ft. | BOREHOLE DIA.: 10

DRILLING EQUIPMENT: Water Development Corp. - Star 3000 30K Air Rotary

SAMPLING METHOD: grab samples from air rotary discharge

NOTES: Set 4" sch 40 PVC blank 0-70' bgs, slotted 70-86' bgs, bowtied with #3 monterey sand 65-86' bgs, bentonite chips 56-65' bgs, cement/bentonite grout 2.5-45' bgs, concrete 1-2.5' bgs, traffic box 0-1' bgs

ELEVATION (FT)	DEPTH (FT)	RECOVERY	BLOW COUNT	PID OR VAPOR READING (ppm)	GRAPHIC LOG	USCS CODE	MATERIAL DESCRIPTION	BOREHOLE COMPLETION
	0					SP	4" asphalt SAND: with some gravel, 1/2 to 3/4 inch diameter, dry, NO ODOR	
355	5							
350	10			0			MEDIUM TO COARSE SAND: with some gravel, dry, gravel to 3/8 to 1 inch diameter, angular, NO ODOR	
345	15							
340	20			0			COARSE GRAVELLY SAND: gravel diameter to 3/4 inch, rounded, dry to slightly moist, NO ODOR	
335	25							

PAGE 1 OF 3

PROJECT NAME: AMERIPRIDE SERVICES, INC. - LOS ANGELES, CA | PROJECT NUMBER: 02487.001.002 | BORING ID.: MW-13B

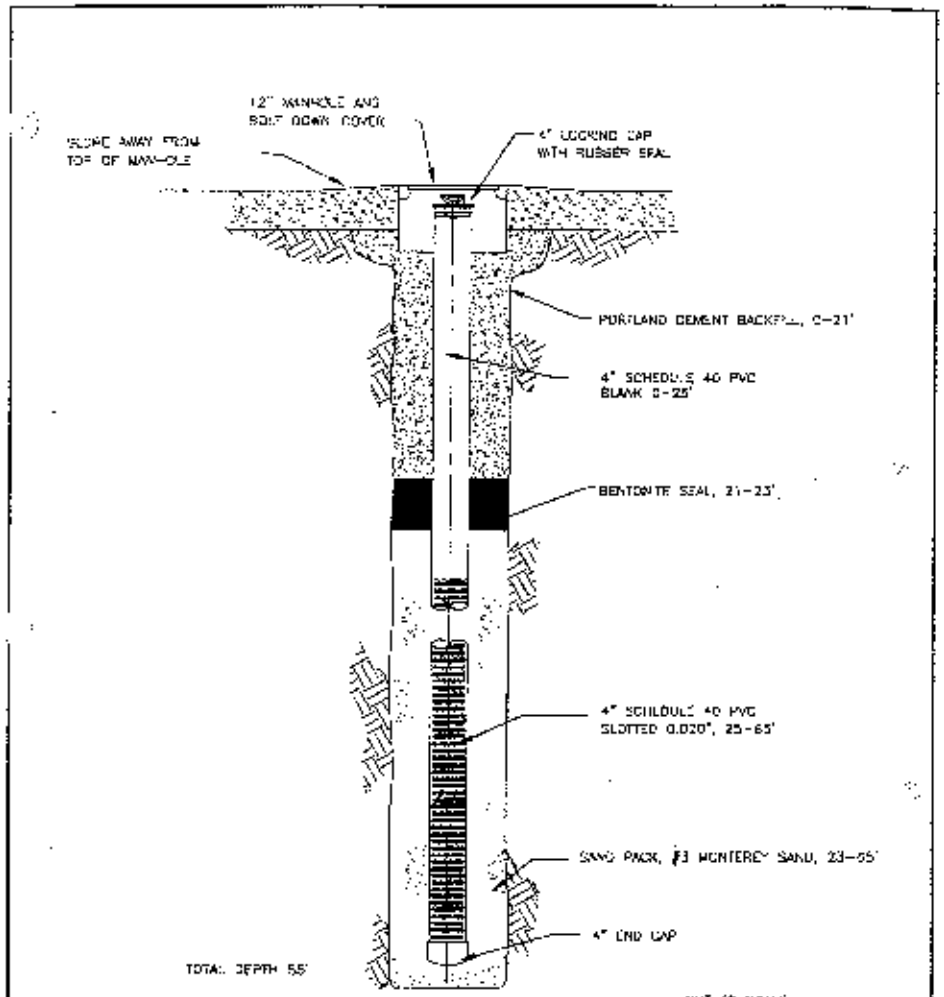
ELEVATION (FT)	DEPTH (FT)	RECOVERY	BLOW COUNT	PID OR VAPOR READING (ppm)	GRAPHIC LOG	USCS CODE	MATERIAL DESCRIPTION	BOREHOLE COMPLETION
							MEDIUM SAND: trace gravel to 1/2 inch diameter, dry, NO ODOR	
				0			GRAVELLY SAND: gravel to 1/4 inch diameter, dry, NO ODOR	
325	35			0			MEDIUM TO COARSE SAND: no gravel	
				0			GRAVELLY COARSE SAND TO FINE SAND: gravel to 1/4 inch diameter, dry, NO ODOR	
320	40						COARSE TO MEDIUM SAND: with some gravel to 3/4 inch diameter, angular to subrounded, dry to slightly moist, NO ODOR	
							adding water to borehole	
315	45			0			SAND: with trace gravel to 3/8 inch	
310	50			0			SAND: with trace gravel to 1/2 inch diameter	
305	55			0			same as above	
300	60			0			same as above	
295	65			0			same as above	
290	70							

PAGE 2 OF 3

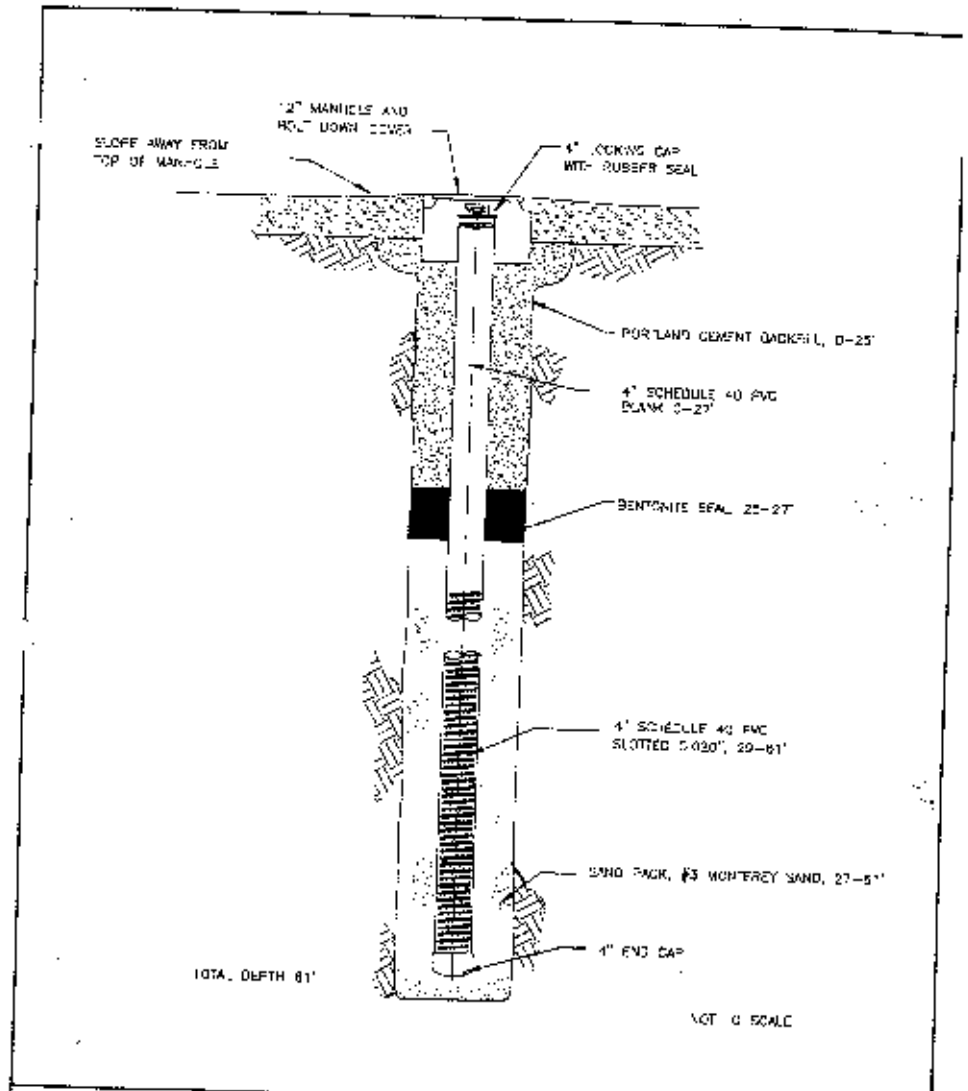
PROJECT NAME: AMERIPRIDE SERVICES, INC. - LOS ANGELES, CA PROJECT NUMBER: 0267.001.pc3 BORING ID: MW-1RB

ELEVATION	DEPTH (FT)	FREQUENCY	BLOW COUNT	PID OR VAPOR READING (ppm)	GRAPHIC LOG	USCS CODE	MATERIAL DESCRIPTION	MONUMENT COMPLETION
285	75			0			MEDIUM SAND: with some gravel to 1/4 inch diameter, saturated, NO ODOR	
280	80					GP	lots of water zone @ approx. 80'	
275	85			0		ML	SANDY GRAVEL: diameter to 1 inch, saturated	
							SILT: with some fine sand, slurry in hopper	
	90							
265	100						Total depth 96 feet bgs	
255	110							

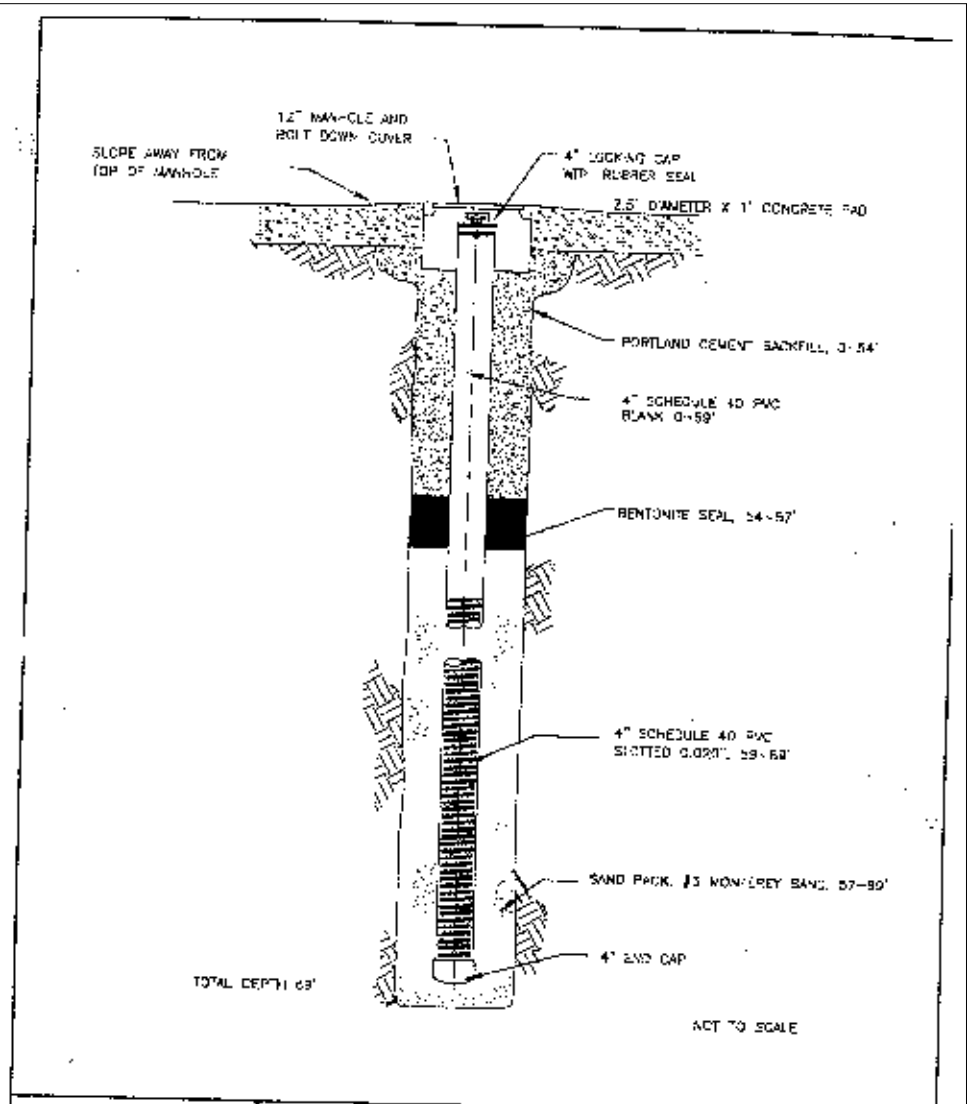
PAGE 3 OF 3



CBT Environmental Services, Inc.	WELL DIAGRAM MW-RA	FIGURE
DRAWING: CWS-WELL.DWG	FORMER AMERIPRIDE	X
PROJECT NO.: 2467	LOS ANGELES, CALIFORNIA	



CET Environmental Services, Inc.	WELL DIAGRAM MW-13A	FIGURE
DRAWING: SW-WELL.DWG	FORMER AMERIPRIDE LOS ANGELES, CALIFORNIA	x
PROJECT NO. 2497		



CET Environmental Services, Inc.	WELL DIAGRAM MW-13B	FIGURE
DRAWING: SW-WELL.DWG	FORMER AMERIPRIDE LOS ANGELES, CALIFORNIA	x
PROJECT NO. 2497		

CAPE ENVIRONMENTAL MANAGEMENT

2525 McGAW AVENUE
IRVINE, CA 92614
PHONE: (949) 474-3090
FAX: (949) 474-3091

PROJECT NAME: AMERIPRIDE SERVICES, INC. - LOS ANGELES, CA

PROJECT NUMBER: [illegible] BORING ID: MW-14

LOGGED BY: CHECKED BY: P. Bates

LOCATION: North side of AVE 33, West of railroad tracks.

ELEVATION: WATER LEVEL: 41' bgs

X COORDINATE: Y COORDINATE:

DATE START: 09-05-12 DATE FINISHED: 09-05-12

DEPTH: 55.00 ft BOREHOLE DIA.: 10

DRILLING EQUIPMENT: Geoprobe Drilling

SAMPLING METHOD: CA Modified Bale Sample

NOTES: 8x4.4" sch 40 PVC: blank 2-35' bgs, slotted 35-55' bgs, backfilled with: #8 monterey sand 33-55' bgs, bentonite chips 29-33' bgs, cement grout 2-29' bgs, bentonite chips 1-2' bgs, matte box 0-1' bgs

ELEVATION (FT)	DEPTH (FT)	RECOVERY	BLOW COUNTS	FID/PID HEADSPACE (ppm)	GRAPHIC LOG	USCS CODE	MATERIAL DESCRIPTION	BOREHOLE COMPLETION
						SW	Hand-augered the first 5' bgs	
	5			0		SW	GRAVELLY SAND: olive (5Y 5/3), moist, very dense, medium to coarse grained sand, trace cobbles. NO HYDROCARBON ODOR	
	10			0		SW	SAME AS ABOVE, NO HYDROCARBON ODOR	
	15			0		SW	SAME AS ABOVE, NO HYDROCARBON ODOR	
	20			0		SW	GRAVELLY SAND: olive (5Y 5/3), moist, very dense, fine to coarse grained sand, trace cobbles, NO HYDROCARBON ODOR	
	25			0		SW	SAME AS ABOVE, NO HYDROCARBON ODOR	

PROJECT NAME: AMERIPRIDE SERVICES, INC. - LOS ANGELES, CA PROJECT NUMBER: [illegible] BORING ID: MW-14

ELEVATION (FT)	DEPTH (FT)	RECOVERY	BLOW COUNTS	FID/PID HEADSPACE (ppm)	GRAPHIC LOG	USCS CODE	MATERIAL DESCRIPTION	BOREHOLE COMPLETION
	35			0		SW	SAME AS ABOVE, NO HYDROCARBON ODOR	
	40			0		SW	GRAVELLY SAND: olive (5Y 5/3) wet, very dense, medium to coarse grained sand, fine to coarse grained gravel, trace cobble, NO HYDROCARBON ODOR	
	45			0		SW	SAME AS ABOVE, NO HYDROCARBON ODOR	
	50			0		SW	COBBLY SAND: olive (5Y 5/3), wet, very dense, fine to coarse grained sand some gravel NO HYDROCARBON ODOR	
	55			0		SW	GRAVELLY SAND: grayish brown (2.5Y 5/2), wet, medium to coarse grained sand, trace cobbles, NO HYDROCARBON ODOR TD= 55.5 bgs	
	60							
	65							
	70							

CAPE ENVIRONMENTAL MANAGEMENT
2923 McGAW AVENUE
IRVINE, CA 92614
PHONE: (949) 474-3990
FAX: (949) 474-3991

PROJECT NAME: AMERIPRIDE SERVICES, INC. - LOS ANGELES, CA
PROJECT NUMBER: 02487.004.002 | BORING ID: MW-15
LOGGED BY:
CHECKED BY: K. Sorek
LOCATION: Northwest corner in the street of Lacy and Ave. 33
ELEVATION:
WATER LEVEL: 40'
X COORDINATE:
Y COORDINATE:
DATE START: 03-04-09
DATE FINISHED: 03-04-09
DEPTH: 56.00 ft
BOREHOLE(s): 16
DRILLING EQUIPMENT: Cascade Drilling
NOTES: Set 4" sch 40 PVC: blank 0-18' bgs, slotted 18-56' bgs, backfilled with #3 monterey sand 18-55' bgs, bentonite chip 15-23' bgs, bentonite concrete 2-15' bgs, bentonite chips 1-2' bgs, traffic box 0-1' bgs
SAMPLING METHOD: CA modified split spoon

ELEVATION (ft)	DEPTH (ft)	RECOVERY	BLOW COUNT	VAPOR READING (ppm)	USCS CODE	MATERIAL DESCRIPTION	BOREHOLE COMPLETION
						Hand-augered the first 5' bgs. Encountered a pipeline at ~ 3.5' bgs. Second attempt encountered a metal pipeline at 3.5' bgs. Third hole there were no underground utilities.	
	5			ND	SW	Gravelly Sand: grayish brown (2.5Y 5/2), moist, very dense, medium to coarse grained sand, trace cobble, NO HYDROCARBON ODOR	
	10			ND	SW	SAME AS ABOVE, NO HYDROCARBON ODOR	
	15			ND	SW	SAME AS ABOVE, NO HYDROCARBON ODOR	
	20			ND	SW	NO RECOVERY, COBBLY SAND: grayish brown, moist, very dense, medium to coarse grained sand, medium gravel. NO HYDROCARBON ODOR	
	25			ND	SW	SAME AS ABOVE, NO HYDROCARBON ODOR	

PROJECT NAME: AMERIPRIDE SERVICES, INC. - LOS ANGELES, CA | PROJECT NUMBER: 02487.004.002 | BORING ID: MW-15

ELEVATION (ft)	DEPTH (ft)	RECOVERY	BLOW COUNT	VAPOR READING (ppm)	USCS CODE	MATERIAL DESCRIPTION	BOREHOLE COMPLETION
				ND	SW	SAME AS ABOVE, NO HYDROCARBON ODOR	
	35			ND	SW	SAME AS ABOVE, NO HYDROCARBON ODOR	
	40			ND	SW	GRAVELLY SAND: grayish brown (2.5Y 5/2), wet, fine to coarse grained sand, trace cobbles, NO HYDROCARBON ODOR	
	45			ND	SW	SAME AS ABOVE, NO HYDROCARBON ODOR	
	50			ND	SW	SAME AS ABOVE, NO HYDROCARBON ODOR	
	55			ND	SW	GRAVELLY SAND: grayish brown (2.5Y 5/2), wet, medium to coarse grained sand, clay at bottom (stuck to hammer), NO HYDROCARBON ODOR TD= 56.5' bgs	
	60						
	65						
	70						

APPENDIX D
EDR DATABASE REPORT & OFFSITE RECEPTOR REPORT

The EDR Radius Map
with GeoCheck®

Ameripride Services Inc.
3505 Pasadena Avenue
Los Angeles, CA 90031

Inquiry Number: 01519350.2r

September 27, 2005

EDR® Environmental Data Resources Inc

The Standard in Environmental Risk Management Information

440 Wheelers Farms Road
Milford, Connecticut 06460

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

TABLE OF CONTENTS

SECTION	PAGE
Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	6
EDR Proprietary Historical Map Findings	60
Orphan Summary	61
Government Records Searched/Data Currency Tracking	GR-1

GEOCHECK ADDENDUM

Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting Source Map	A-7
Physical Setting Source Map Findings	A-8
Physical Setting Source Records Searched	A-10

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright © 2005 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc. (EDR). The report meets the government records search requirements of ASTM Standard Practice for Environmental Site Assessments, E 1527-00. Search distances are per ASTM standard or custom distances requested by the user.

TARGET PROPERTY INFORMATION

ADDRESS

3505 PASADENA AVENUE
LOS ANGELES, CA 90031

COORDINATES

Latitude (North):	34.085800 - 34° 5' 8.9"
Longitude (West):	118.213100 - 118° 12' 47.2"
Universal Transverse Mercator:	Zone 11
UTM X (Meters):	368079.9
UTM Y (Meters):	3772138.8
Elevation:	366 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property:	34118-A2 LOS ANGELES, CA
Source:	USGS 7.5 min quad index

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following government records. For more information on this property see page 6 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
WELCH S OVERALL CLEANING CO INC 3505 PASADENA AVENUE LOS ANGELES, CA 90031	RCRA-SQG FINDS LUST Cortese SLIC CA FID UST HIST UST SWEEPS UST	CAD075308740
WELCH'S OVERALL CLEANING CO INC 3505 PASADENA AVE LOS ANGELES, CA 90031	HAZNET	N/A
WELCH UNIFORM 3505 PASADENA LOS ANGELES, CA 90031	SLIC	N/A

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable") government records either on the target property or within the ASTM E 1527-00 search radius around the target property for the following databases:

FEDERAL ASTM STANDARD

Proposed NPL — Proposed National Priority List Sites
CERC-NFRAP — CERCLIS No Further Remedial Action Planned
CORRACTS — Corrective Action Report
RCRA-TSDF — Resource Conservation and Recovery Act Information
RCRA-LQG — Resource Conservation and Recovery Act Information
ERNS — Emergency Response Notification System

STATE ASTM STANDARD

CHMIRS — California Hazardous Material Incident Report System
Toxic Pits — Toxic Pits Cleanup Act Sites
SWF/LF — Solid Waste Information System
CA BOND EXP. PLAN — Bond Expenditure Plan
INDIAN UST — Underground Storage Tanks on Indian Land
INDIAN LUST — Leaking Underground Storage Tanks on Indian Land

FEDERAL ASTM SUPPLEMENTAL

CONSENT — Superfund (CERCLA) Consent Decrees
ROD — Records Of Decision
Delisted NPL — National Priority List Deletions
HMIRS — Hazardous Materials Information Reporting System
MLTS — Material Licensing Tracking System
MINES — Mines Master Index File
NPL Liens — Federal Superfund Liens
PADS — PCB Activity Database System
UMTRA — Uranium Mill Tailings Sites
US ENG CONTROLS — Engineering Controls Sites List
ODI — Open Dump Inventory
FUDS — Formerly Used Defense Sites
DOD — Department of Defense Sites
INDIAN RESERV — Indian Reservations
RAATS — RCRA Administrative Action Tracking System
TRIS — Toxic Chemical Release Inventory System
TSCA — Toxic Substances Control Act
SSTS — Section 7 Tracking Systems
FTTS INSP — FIFRA/TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

STATE OR LOCAL ASTM SUPPLEMENTAL

AST — Aboveground Petroleum Storage Tank Facilities
CLEANERS — Cleaner Facilities
CA WDS — Waste Discharge System

NFE — Properties Needing Further Evaluation
WIP — Well Investigation Program Case List
EMI — Emissions Inventory Data
REF — Unconfirmed Properties Referred to Another Agency
NFA — No Further Action Determination
LOS ANGELES CO. HMS — HMS: Street Number List
LA Co. Site Mitigation — Site Mitigation List
ACCONCERN — San Gabriel Valley Areas of Concern

BROWNFIELDS DATABASES

US BROWNFIELDS — A Listing of Brownfields Sites
US INST CONTROL — Sites with Institutional Controls

EDR PROPRIETARY HISTORICAL DATABASES

See the EDR Proprietary Historical Database Section for details

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in *bold italics* are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

FEDERAL ASTM STANDARD

NPL: Also known as Superfund, the National Priority List database is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund program. The source of this database is the U.S. EPA.

A review of the NPL list, as provided by EDR, and dated 07/01/2005 has revealed that there is 1 NPL site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
SAN FERNANDO VALLEY (AREA 4)	*POLLOCK WELL RELD*	*1/2 - 1 W*	*0*	*15*

CERCLIS: The Comprehensive Environmental Response, Compensation and Liability Information System contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA).
CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites

which are in the screening and assessment phase for possible inclusion on the NPL.

A review of the CERCLIS list, as provided by EDR, and dated 05/27/2005 has revealed that there are 2 CERCLIS sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Dist / Dir	Map ID	Page
KENNINGTON LTD.	3209 HUMBOLDT ST.	1/4 - 1/2 SW	18	38
NIWEST INCORPORATED	3011 HUMBOLDT STREET	1/4 - 1/2 SSW	21	53

RCRAInfo: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS). The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator off site to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

A review of the RCRA-SQG list, as provided by EDR, and dated 05/20/2005 has revealed that there are 5 RCRA-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
LA USD HILLSIDE EL	120 E AVE 35	0 - 1/8 SE	4	19
LOS ANGELES USD LORETO ELEM SC	3408 ARROYO SECO AVE	1/8 - 1/4 WNW	C11	31
CHUY CARBURATOR	3540 N FIGUEROA	1/8 - 1/4 NNW	E15	35

Lower Elevation	Address	Dist / Dir	Map ID	Page
AMERICAN CASTER CORP	141 W AVENUE 34	1/8 - 1/4 WSW	8	27
RUSSING ENGINEERING	211 W AVE 33	1/8 - 1/4 SSW	9	30

STATE ASTM STANDARD

AWP: California DTSC's Annual Workplan, formerly known as BEP, identifies known hazardous substance sites targeted for clean up. The source is the California Environmental Protection Agency.

A review of the AWP list, as provided by EDR, and dated 08/08/2005 has revealed that there is 1 AWP site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
SAN FERNANDO VALLEY (AREA 4)	POLLOCK WELL FIELD	1/2 - 1 W	0	15

CAL-SITES: Formerly known as ASPIS, this database contains both known and potential hazardous substance sites. The source is the California Department of Toxic Substance Control.

A review of the Cal-Sites list, as provided by EDR, has revealed that there is 1 Cal-Sites site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
SAN FERNANDO VALLEY (AREA 4)	POLLOCK WELL FIELD	1/2 - 1 W	0	15

CORTESE: This database identifies public drinking water wells with detectable levels of contamination, hazardous substance sites selected for remedial action, sites with known toxic material identified through the abandoned site assessment program, sites with USTs having a reportable release and all solid waste disposal facilities from which there is known migration. The source is the California Environmental Protection Agency/Office of Emergency Information.

A review of the Cortese list, as provided by EDR, has revealed that there are 4 Cortese sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
FOOD FOR LIFE	3580 PASADENA	1/8 - 1/4 NNE	E7	24

Lower Elevation	Address	Dist / Dir	Map ID	Page
KENNINGTON LTD.	3209 HUMBOLDT ST.	1/4 - 1/2 SW	18	38
UNGER FABRIK	3225 LACY ST	1/4 - 1/2 WSW	19	48
LINCOLN HEIGHTS SERVICE D	3101 ARTESIAN	1/4 - 1/2 SW	22	54

NOTIFY 65: Notify 65 records contain facility notifications about any release that could impact drinking water and thereby expose the public to a potential health risk. The data come from the State Water Resources Control Board's Proposition 65 database.

A review of the Notify 65 list, as provided by EDR, has revealed that there is 1 Notify 65 site within approximately 1 mile of the target property.

Lower Elevation	Address	Dist / Dir	Map ID	Page
28TH AND DELL AVENUES	VENICE	1/2 - 1 W	25	59

WMUDS/SWAT: The Waste Management Unit Database System is used for program tracking and inventory of waste management units. The source is the State Water Resources Control Board.

A review of the WMUDS/SWAT list, as provided by EDR, has revealed that there is 1 WMUDS/SWAT site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Dist / Dir	Map ID	Page
LACY STREET DUMP-LOS ANGELES	400 26TH AVENUE	1/4 - 1/2 WSW	24	58

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the State Water Resources Control Board Leaking Underground Storage Tank Information System.

A review of the LUST list, as provided by EDR, and dated 07/11/2005 has revealed that there are 4 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
FOOD FOR LIFE	*3580 PASADENA*	*1/8 - 1/4 NNE*	*E7*	*24*
BILL'S AUTOMOTIVE #1	*100 E AVENUE 28*	*1/4 - 1/2 SSW*	*23*	*54*
Lower Elevation	**Address**	**Dist / Dir**	**Map ID**	**Page**
UNGER FABRIK	*3225 LACY ST*	*1/4 - 1/2 WSW*	*19*	*45*
LINCOLN HEIGHTS SERVICE DPW	3101 ARTESIAN ST	1/4 - 1/2 SW	20	51

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the UST list, as provided by EDR, and dated 07/11/2005 has revealed that there is 1 UST site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Dist / Dir	Map ID	Page
945 LARKIN STREET	945 LARKIN ST	0 - 1/8 NNE	5	20

VCP: Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have requested that DTSC oversee investigation and/or clean up activities and have agreed to provide coverage for DTSC's costs.

A review of the VCP list, as provided by EDR, and dated 08/08/2005 has revealed that there is 1 VCP site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Dist / Dir	Map ID	Page
KENNINGTON LTD.	*3209 HUMBOLDT ST.*	*1/4 - 1/2 SW*	*18*	*38*

CA FID: The Facility Inventory Database contains active and inactive underground storage tank locations. The source is the State Water Resource Control Board.

A review of the CA FID UST list, as provided by EDR, has revealed that there are 4 CA FID UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
FLAVORFOODS INC.	*3580 PASADENA AVE*	*1/8 - 1/4 NNE*	*E8*	*23*
MIKE'S TRANSMISSION	*3500 N FIGUEROA ST*	*1/8 - 1/4 NNW*	*D14*	*34*
ILEASCO	*3577 N FIGUEROA ST*	*1/8 - 1/4 NNW*	*E18*	*38*
Lower Elevation	**Address**	**Dist / Dir**	**Map ID**	**Page**
G/G AIR CONDITIONING INC	*311 W AVENUE 33*	*1/8 - 1/4 SW*	*10*	*31*

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 3 HIST UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
FOOD FOR LIFE	*3580 PASADENA*	*1/8 - 1/4 NNE*	*E7*	*24*
MIKE'S TRANSMISSION	3500 N FIGUEROA ST	1/8 - 1/4 NNW	D13	33
ILEASCO	3577 N FIGUEROA ST	1/8 - 1/4 NNW	E17	37

SWEEPS: Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contracted by the SWRCB in the early 1980's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 4 SWEEPS UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
FLAVORFOODS INC.	*3580 PASADENA AVE*	*1/8 - 1/4 NNE*	*E8*	*23*
MIKE'S TRANSMISSION	*3500 N FIGUEROA ST*	*1/8 - 1/4 NNW*	*D14*	*34*
ILEASCO	*3577 N FIGUEROA ST*	*1/8 - 1/4 NNW*	*E18*	*38*
Lower Elevation	**Address**	**Dist / Dir**	**Map ID**	**Page**
G/G AIR CONDITIONING INC	*311 W AVENUE 33*	*1/8 - 1/4 SW*	*10*	*31*

STATE OR LOCAL ASTM SUPPLEMENTAL

DEED: The use of recorded land use restrictions is one of the methods the DTSC uses to protect the public from unsafe exposures to hazardous substances and wastes.

A review of the DEED list, as provided by EDR, and dated 08/02/2005 has revealed that there is 1 DEED site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Dist / Dir	Map ID	Page
KENNINGTON LTD.	*3209 HUMBOLDT ST.*	*1/4 - 1/2 SW*	*18*	*38*

SCH: This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous material contamination. In some cases, these properties may be listed in the CalSites category, depending on the level of threat to public health and safety or the environment they pose.

A review of the SCH list, as provided by EDR, and dated 05/04/2005 has revealed that there is 1 SCH site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
LAUSD/LORETO ST ELEM	*3408 ARROYO SECO AVE*	*1/8 - 1/4 WNW*	*C12*	*32*

EXECUTIVE SUMMARY

BROWNFIELDS DATABASES

VCP: Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have requested that DTSC oversee investigation and/or clean up activities and have agreed to provide coverage for DTSC's costs.

A review of the VCP list, as provided by EDR, and dated 08/08/2005 has revealed that there is 1 VCP site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Dir / Dir	Map ID	Page
KENNINGTON LTD.	*3209 HUMBOLDT ST.*	*1/4 - 1/2 SW*	*18*	*38*

EDR PROPRIETARY HISTORICAL DATABASES

See the EDR Proprietary Historical Database Section for details

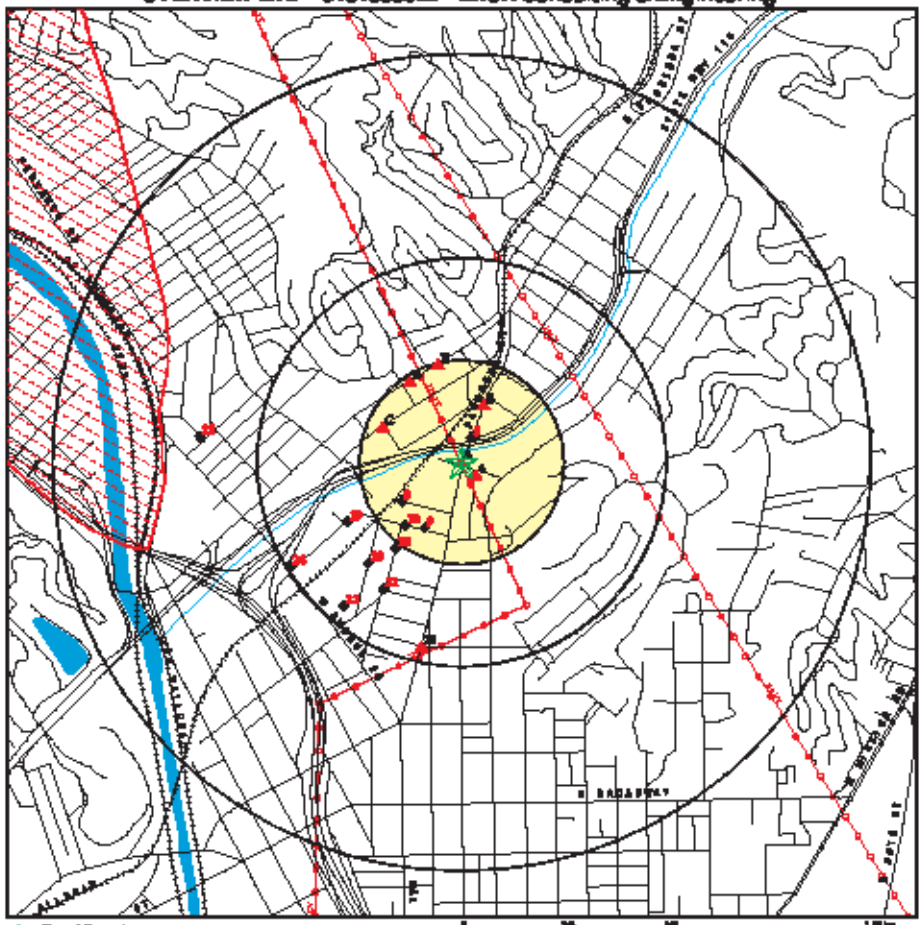
EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

Site Name	Database(s)
NORTHROP CORP AIRCRAFT DIV	RCRA-SQG, FINDS, RCRA-TSDF, CORRACTS, CERC-NFRAP
COMMERCIAL INDUSTRIAL	CA FID UST, SWEEPS UST
HUNG'S AUTO REPAIR	CA FID UST, SWEEPS UST
BRENT NEIMAN PROPERTIES /C	CA FID UST, SWEEPS UST
CITY FORD COMPANY, INCORPORATE	CA FID UST, SWEEPS UST
BARON MFG	CERC-NFRAP
THOUSAND OAKS COUNTY 1962	SWF/LF
76 STATION #0857	LUST
CITY FORD COMPANY, INC	HIST UST
SLOVONIAN PICNIC AREA	WMUDS/SWAT
CITY OF L A GENERAL SERVICES	FINDS
LA CITY, DEPT OF GEN SERVICES	FINDS, EMI
CROWN COACH SITE	US BROWNFIELDS
BLUE LINE - AVE 26 STATION	SLIC
THE E.B. MALONE CORP.	SLIC
THE E.B. MALONE CORPORATION	SLIC
NORCAL WST SERVICES INC	CA WDS
BARON MANUFACTURING	REF
METRO RAIL PASADENA BLUE LINE	REF
LA CITY, DEPT OF GEN SERVICES	EMI
FEDERATED CORPORATED SERVICES	EMI
LA CITY, DEPT OF GEN SERVICES	EMI

FC0151956.2s EXECUTIVE SUMMARY 8

OVERVIEW MAP - 01519360.2r - ENSR Consulting & Engineering

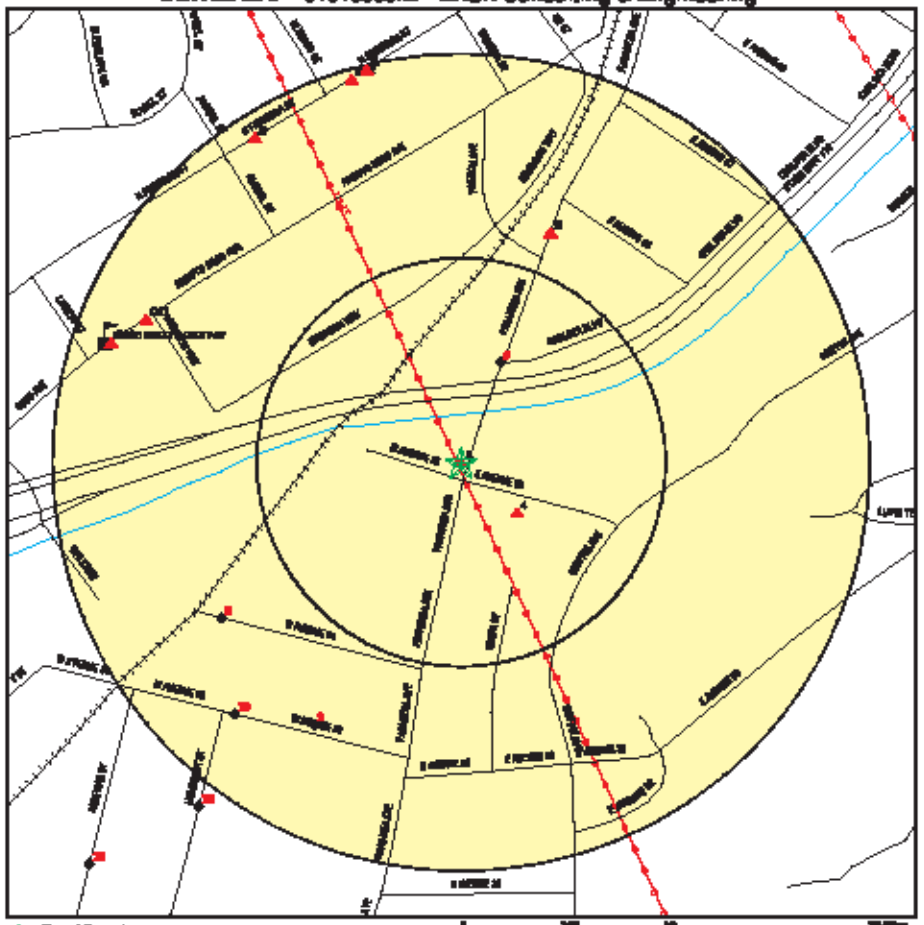


- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Coal Gasification Sites
- National Priority List Sites
- Landfill Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- Areas of Concern

TARGET PROPERTY:	Ameripride Services Inc.	CUSTOMER:	ENSR Consulting & Engineering
ADDRESS:	3505 Pasadena Avenue	CONTACT:	Will Glenn
CITY/STATE/ZIP:	Los Angeles CA 90031	INQUIRY #:	01519360.2r
LAT/LONG:	34.0858 / 118.2131	DATE:	September 27, 2005 7:47 am

Copyright © 1994-2005, Inc. or its affiliates. All rights reserved.

DETAIL MAP - 01519360.2r - ENSR Consulting & Engineering



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Coal Gasification Sites
- Historical Gas Stations/ Historical Dry Cleaners See the EDR Proprietary Historical Map Findings
- Sensitive Receptors
- National Priority List Sites
- Landfill Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- Areas of Concern

TARGET PROPERTY:	Ameripride Services Inc.	CUSTOMER:	ENSR Consulting & Engineering
ADDRESS:	3505 Pasadena Avenue	CONTACT:	Will Glenn
CITY/STATE/ZIP:	Los Angeles CA 90031	INQUIRY #:	01519360.2r
LAT/LONG:	34.0858 / 118.2131	DATE:	September 27, 2005 7:48 am

Copyright © 1994-2005, Inc. or its affiliates. All rights reserved.

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FEDERAL ASTM STANDARD								
NPL		1.000	0	0	0	1	NR	1
Proposed NPL		1.000	0	0	0	0	NR	0
CERCLIS		0.500	0	0	2	NR	NR	2
CERC-NFRAP		0.250	0	0	NR	NR	NR	0
CORRACTS		1.000	0	0	0	0	NR	0
RCRA TSD		0.500	0	0	0	NR	NR	0
RCRA Lg. Quan. Gen.		0.250	0	0	NR	NR	NR	0
RCRA Sm. Quan. Gen.	X	0.250	1	4	NR	NR	NR	5
ERNS		TP	NR	NR	NR	NR	NR	0
STATE ASTM STANDARD								
AWP		1.000	0	0	0	1	NR	1
Cal-Sites		1.000	0	0	0	1	NR	1
CHMIRS		TP	NR	NR	NR	NR	NR	0
Cortese	X	0.500	0	1	3	NR	NR	4
Notify 65		1.000	0	0	0	1	NR	1
Toxic Pits		1.000	0	0	0	0	NR	0
State Landfill		0.500	0	0	0	NR	NR	0
WMUDS/SWAT		0.500	0	0	1	NR	NR	1
LUST	X	0.500	0	1	3	NR	NR	4
CA Bond Exp. Plan		1.000	0	0	0	0	NR	0
UST		0.250	1	0	NR	NR	NR	1
VCP		0.500	0	0	1	NR	NR	1
INDIAN UST		0.250	0	0	NR	NR	NR	0
INDIAN LUST		0.500	0	0	0	NR	NR	0
CA FID UST	X	0.250	0	4	NR	NR	NR	4
HIST UST	X	0.250	0	3	NR	NR	NR	3
SWEEPS UST	X	0.250	0	4	NR	NR	NR	4
FEDERAL ASTM SUPPLEMENTAL								
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
FINDS	X	TP	NR	NR	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
NPL Liens		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
ODI		0.500	0	0	0	NR	NR	0
FUDS		1.000	0	0	0	0	NR	0
DOD		1.000	0	0	0	0	NR	0
INDIAN RESERV		1.000	0	0	0	0	NR	0

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
RAATS		TP	NR	NR	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
STATE OR LOCAL ASTM SUPPLEMENTAL								
AST		TP	NR	NR	NR	NR	NR	0
CLEANERS		0.250	0	0	NR	NR	NR	0
CA WDS		TP	NR	NR	NR	NR	NR	0
DEED		0.500	0	0	1	NR	NR	1
NFE		0.250	0	0	NR	NR	NR	0
SCH		0.250	0	1	NR	NR	NR	1
WIP		0.250	0	0	NR	NR	NR	0
EMI		TP	NR	NR	NR	NR	NR	0
REF		0.250	0	0	NR	NR	NR	0
NFA		0.250	0	0	NR	NR	NR	0
SLIC	X	0.500	0	0	0	NR	NR	0
HAZNET	X	TP	NR	NR	NR	NR	NR	0
Los Angeles Co. HMS		TP	NR	NR	NR	NR	NR	0
LA Co. Site Mitigation		TP	NR	NR	NR	NR	NR	0
ADOCONCERN		1.000	0	0	0	0	NR	0
EDR PROPRIETARY HISTORICAL DATABASES								
Gas Stations/Dry Cleaners		0.250	0	0	NR	NR	NR	0
Coal Gas		1.000	0	0	0	0	NR	0
BROWNFIELDS DATABASES								
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
VCP		0.500	0	0	1	NR	NR	1

NOTES:

See the EDR Proprietary Historical Database Section for details

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1	WELCH B OVERALL CLEANING CO INC	RCRA-SQG	1000188742
Target	3606 PASADENA AVENUE	FINDS	CAD076308740
Property	LOS ANGELES, CA 90031	LUST	
		Cortese	
	Site 1 of 3 in cluster A	SLIC	
Actual:		CA RD LIST	
288 ft		HIST LIST	
		SWEEPS LIST	

RCRAInfo:
Owner: AMERICAN LINEN SUPPLY COMPANY
(415) 555-1212
EPA ID: CAD076308740

Contact: ENVIRONMENTAL MANAGER
(612) 371-4229

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM

State LUST:
Cross Street: PASADENA FREEWAY
Qty Leaked: Not reported
Case Number 900310034
Reg Board: Los Angeles Region
Chemical: Hydrocarbons
Lead Agency: Regional Board
Local Agency : 19050
Case Type: Other ground water affected
Status: Post remediation monitoring
Abate Method: Remove Free Product- remove floating product from water table
Review Date: Not reported — Confirm Leak: Not reported
Workplan: Not reported — Prelim Assess: Not reported
Pollution Char: Not reported — Remed Plan: Not reported
Remed Action: 1990-06-01 00:00:00
Monitoring: 1996-08-01 00:00:00
Close Date: Not reported
Release Date: 1987-12-22 00:00:00
Cleanup Fund Id : Not reported
Discover Date : Not reported
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 1988-03-07 00:00:00
Funding: Not reported
Staff Initials: PEJ
How Discovered: Subsurface Monitoring
How Stopped: Not reported
Interim : Yes
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: 1C
Local Case # : Not reported

WELCH B OVERALL CLEANING CO INC (Continued) 1000188742

Beneficial: Not reported
Staff: SLC
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifer : Not reported
Hydr Basin #: SAN FERNANDO VALLEY
Operator : Not reported
Oversight Prgm : Spills, Leaks, Investigations and Cleanup LUST
Review Date : 1998-08-01 00:00:00
Stop Date : Not reported
Work Suspended :Not reported
Responsible Party:AMERIPRIDE SERVICE INC.
RP Address : 47 S. NINTH ST., MINNEAPOLIS, MN 55402
Global Id : T0603700735
Org Name : Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: 0
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID : Not reported
Waste Discharge Assigned Name : Not reported
Summary : 9/13/88- SUBMITTAL OF QTRLY GW SAMPL. RPT & SOIL REMEDIATION

LUST Region 4:
Report Date: 12/22/1987
Lead Agency: Regional Board
Local Agency: 19050
Substance: Hydrocarbons
Case Type: Groundwater
Status: Post remediation monitoring
Region: 4
Staff SLC
Date Case Last Changed on Database: 9/1/1988
Date Leak Record Entered: 3/7/1988
Historical Max MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifer: Not reported
Hist Max MTBE Conc in Groundwater: Not reported
Hist Max MTBE Conc in Soil : Not reported
County: Los Angeles
Organization : Not reported
Regional Board: 04
Owner Contact: Not reported
Responsible Party: AMERIPRIDE SERVICE INC.
RP Address : 47 S. NINTH ST., MINNEAPOLIS, MN 55402
Significant Interim Remedial Action Taken: Yes
Program : SLC
Lat / Long : 34.0358522 / -1
Local Agency Staff: PEJ
Beneficial Use : Not reported
Priority : 1C
Cleanup Fund Id : Not reported
Suspended : Not reported
Local Case No : Not reported
Substance Quantity : Not reported
Abatement Method Used at the Site: Remove Free Product

WELCH B OVERALL CLEANING CO INC (Continued) 1000169742

Operator : Not reported
Water System : Not reported
Well Name : Not reported
Approx. Dist To Production Well (ft) : 7571.231056496761200826219473 1
Assigned Name : Not reported
WI Global ID : Not reported
Source of Cleanup Funding: Not reported
Date the Leak was Discovered: Not reported
How the Leak was Discovered: Subsurface Monitoring
How the Leak was Stopped: Not reported
Cause of Leak: Not reported
Leak Source: Not reported
Date The Leak was Stopped: Not reported
Date Confirmation Leak Began: Not reported
Preliminary Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: 7/12/1988
Remediation Plan Submitted: Not reported
Remedial Action Underway: 6/1/1990
Post Remedial Action Monitoring Began: 8/1/1988
Date the Case was Closed: Not reported
Enforcement Action Date: Not reported
Date Leak First Reported: 12/22/1987
Enforcement Type: Not reported
Global ID : T0603700735
Cross Street: PASADENA FREEWAY
Summary : 8/13/98 - SUBMITTAL OF QTR GW/SVE/MPL. RPTS & SOIL REMEDIATION

CORTESE:
Region: CORTESE
Fac Address 2: Not reported

FID:
Facility ID: 19001529 Regulate ID: 00000008
Reg By: Inactive Underground Storage Tank Location
Cortese Code: Not reported SIC Code: Not reported
Status: Inactive Facility Tel: (213) 225-6171
Mail To: Not reported
3605 PASADENA AVE
LOS ANGELES, CA 90031
Contact: Not reported Contact Tel: Not reported
DUNs No: Not reported NPDES No: Not reported
Creation: 10/22/93 Modified: 00/00/00
EPA ID: Not reported
Comments: Not reported

CASTATESUC :
Global Id : SL2044P1998
Region : STATE
Assigned Name : SLICSITE
Lead Agency Contact : DAVID YOUNG
Lead Agency : LOS ANGELES R/WQCB (REGION 4)
Lead Agency Case Number : 833
Responsible Party : AmeriPride Services Inc.
Recent Dlw : Not reported
Facility Status : Not reported
Substance Released : PET, VOC

UST HIST:

WELCH B OVERALL CLEANING CO INC (Continued) 1000169742

Facility ID: 8008 Owner Name: WELCH'S OVERALL CLEANING CO.,
Total Tanks: 10 Region: STATE
Owner Address: 3605 PASADENA AVE.
LOS ANGELES, CA 90031
Tank Used for: PRODUCT
Tank Num: 1 Container Num: 1
Tank Capacity: 00002000 Year Installed: Not reported
Type of Fuel: DIESEL Tank Construction: Not Reported
Leak Detection: Stock Inventor
Contact Name: JACK ENGLISH Telephone: (213) 225-6171
Facility Type: Other Other Type: Not reported

Facility ID: 8008 Owner Name: WELCH'S OVERALL CLEANING CO.,
Total Tanks: 10 Region: STATE
Owner Address: 3605 PASADENA AVE.
LOS ANGELES, CA 90031
Tank Used for: PRODUCT
Tank Num: 2 Container Num: 2
Tank Capacity: 00010000 Year Installed: Not reported
Type of Fuel: REGULAR Tank Construction: Not Reported
Leak Detection: Stock Inventor
Contact Name: JACK ENGLISH Telephone: (213) 225-6171
Facility Type: Other Other Type: Not reported

Facility ID: 8008 Owner Name: WELCH'S OVERALL CLEANING CO.,
Total Tanks: 10 Region: STATE
Owner Address: 3605 PASADENA AVE.
LOS ANGELES, CA 90031
Tank Used for: PRODUCT
Tank Num: 3 Container Num: 3
Tank Capacity: 00004000 Year Installed: Not reported
Type of Fuel: DIESEL Tank Construction: Not Reported
Leak Detection: None
Contact Name: JACK ENGLISH Telephone: (213) 225-6171
Facility Type: Other Other Type: Not reported

Facility ID: 8008 Owner Name: WELCH'S OVERALL CLEANING CO.,
Total Tanks: 10 Region: STATE
Owner Address: 3605 PASADENA AVE.
LOS ANGELES, CA 90031
Tank Used for: PRODUCT
Tank Num: 4 Container Num: 4
Tank Capacity: 00001000 Year Installed: Not reported
Type of Fuel: DIESEL Tank Construction: Not Reported
Leak Detection: Stock Inventor
Contact Name: JACK ENGLISH Telephone: (213) 225-6171
Facility Type: Other Other Type: Not reported

Facility ID: 8008 Owner Name: WELCH'S OVERALL CLEANING CO.,
Total Tanks: 10 Region: STATE
Owner Address: 3605 PASADENA AVE.
LOS ANGELES, CA 90031
Tank Used for: WASTE
Tank Num: 5 Container Num: 5
Tank Capacity: 00001700 Year Installed: Not reported
Type of Fuel: WASTE OIL Tank Construction: 6 Inches
Leak Detection: Visual

WELCH S OVERALL CLEANING CO INC (Continued) 1000188742

Contact Name: JACK ENGLISH Telephone: (213) 225-6171
Facility Type: Other Other Type: Not reported

Facility ID: 8008 Owner Name: WELCH'S OVERALL CLEANING CO.,
Total Tanks: 10 Region: STATE
Owner Address: 3905 PASADENA AVE.
LOS ANGELES,CA 90031
Tank Used for: WASTE
Tank Num: 6 Container Num: 6
Tank Capacity: 00000200 Year Installed: Not reported
Type of Fuel: WASTE OIL Tank Construction: 6 Inches
Leak Detection: Visual
Contact Name: JACK ENGLISH Telephone: (213) 225-6171
Facility Type: Other Other Type: Not reported

Facility ID: 8008 Owner Name: WELCH'S OVERALL CLEANING CO.,
Total Tanks: 10 Region: STATE
Owner Address: 3905 PASADENA AVE.
LOS ANGELES,CA 90031
Tank Used for: WASTE
Tank Num: 7 Container Num: 7
Tank Capacity: 00000550 Year Installed: Not reported
Type of Fuel: Not reported Tank Construction: 6 Inches
Leak Detection: Visual
Contact Name: JACK ENGLISH Telephone: (213) 225-6171
Facility Type: Other Other Type: Not reported

Facility ID: 8008 Owner Name: WELCH'S OVERALL CLEANING CO.,
Total Tanks: 10 Region: STATE
Owner Address: 3905 PASADENA AVE.
LOS ANGELES,CA 90031
Tank Used for: WASTE
Tank Num: 8 Container Num: 8
Tank Capacity: 00001800 Year Installed: Not reported
Type of Fuel: Not reported Tank Construction: 6 Inches
Leak Detection: None
Contact Name: JACK ENGLISH Telephone: (213) 225-6171
Facility Type: Other Other Type: Not reported

Facility ID: 8008 Owner Name: WELCH'S OVERALL CLEANING CO.,
Total Tanks: 10 Region: STATE
Owner Address: 3905 PASADENA AVE.
LOS ANGELES,CA 90031
Tank Used for: WASTE
Tank Num: 9 Container Num: 9
Tank Capacity: 00000300 Year Installed: Not reported
Type of Fuel: WASTE OIL Tank Construction: 6 Inches
Leak Detection: Visual
Contact Name: JACK ENGLISH Telephone: (213) 225-6171
Facility Type: Other Other Type: Not reported

Facility ID: 8008 Owner Name: WELCH'S OVERALL CLEANING CO.,
Total Tanks: 10 Region: STATE
Owner Address: 3905 PASADENA AVE.
LOS ANGELES,CA 90031
Tank Used for: PRO DUCT
Tank Num: 10 Container Num: 10

WELCH S OVERALL CLEANING CO INC (Continued) 1000188742

Tank Capacity: 00007200 Year Installed: Not reported
Type of Fuel: Not reported Tank Construction: 6 Inches
Leak Detection: Visual
Contact Name: JACK ENGLISH Telephone: (213) 225-6171
Facility Type: Other Other Type: Not reported

SWEEPS:
Status: Not reported
Comp Number: 509
Number: Not reported
Board Of Equalization: ++D11491
Ref Date: Not reported
Act Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 19-000-000509-000001
Actu Date: Not reported
Capacity: 2000
Tank Use: M.V. FUEL
Stg: PRO DUCT
Content: DIESEL
Number Of Tanks: 10

Status: Not reported
Comp Number: 509
Number: Not reported
Board Of Equalization: ++D11491
Ref Date: Not reported
Act Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 19-000-000509-000002
Actu Date: Not reported
Capacity: 10000
Tank Use: M.V. FUEL
Stg: PRO DUCT
Content: RED UNLEADED
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 509
Number: Not reported
Board Of Equalization: ++D11491
Ref Date: Not reported
Act Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 19-000-000509-000003
Actu Date: Not reported
Capacity: 6000
Tank Use: M.V. FUEL
Stg: PRO DUCT
Content: DIESEL
Number Of Tanks: Not reported

WELCH B OVERALL CLEANING CO INC (Continued) 1000188742

Status : Not reported
Comp Number : 939
Number : Not reported
Board Of Equalization : ++D11491
Ref Date : Not reported
Act Date : Not reported
Created Date : Not reported
Tank Status : Not reported
Owner Tank Id : Not reported
Swrcb Tank Id : 19-000-000939-000004
Actu Date : Not reported
Capacity : 1000
Tank Use : M.V. FUEL
Stg : PRODUCT
Content : DIESEL
Number Of Tanks : Not reported

Status : Not reported
Comp Number : 939
Number : Not reported
Board Of Equalization : ++D11491
Ref Date : Not reported
Act Date : Not reported
Created Date : Not reported
Tank Status : Not reported
Owner Tank Id : Not reported
Swrcb Tank Id : 19-000-000939-000005
Actu Date : Not reported
Capacity : 1700
Tank Use : OIL
Stg : WASTE
Content : WASTE OIL
Number Of Tanks : Not reported

Status : Not reported
Comp Number : 939
Number : Not reported
Board Of Equalization : ++D11491
Ref Date : Not reported
Act Date : Not reported
Created Date : Not reported
Tank Status : Not reported
Owner Tank Id : Not reported
Swrcb Tank Id : 19-000-000939-000006
Actu Date : Not reported
Capacity : 3300
Tank Use : OIL
Stg : WASTE
Content : WASTE OIL
Number Of Tanks : Not reported

Status : Not reported
Comp Number : 939
Number : Not reported
Board Of Equalization : ++D11491
Ref Date : Not reported

WELCH B OVERALL CLEANING CO INC (Continued) 1000188742

Act Date : Not reported
Created Date : Not reported
Tank Status : Not reported
Owner Tank Id : Not reported
Swrcb Tank Id : 19-000-000939-000007
Actu Date : Not reported
Capacity : 3960
Tank Use : CHEMICAL
Stg : PRODUCT
Content : UNKNOWN
Number Of Tanks : Not reported

Status : Not reported
Comp Number : 939
Number : Not reported
Board Of Equalization : ++D11491
Ref Date : Not reported
Act Date : Not reported
Created Date : Not reported
Tank Status : Not reported
Owner Tank Id : Not reported
Swrcb Tank Id : 19-000-000939-000008
Actu Date : Not reported
Capacity : 1300
Tank Use : CHEMICAL
Stg : PRODUCT
Content : UNKNOWN
Number Of Tanks : Not reported

Status : Not reported
Comp Number : 939
Number : Not reported
Board Of Equalization : ++D11491
Ref Date : Not reported
Act Date : Not reported
Created Date : Not reported
Tank Status : Not reported
Owner Tank Id : Not reported
Swrcb Tank Id : 19-000-000939-000009
Actu Date : Not reported
Capacity : 300
Tank Use : OIL
Stg : WASTE
Content : WASTE OIL
Number Of Tanks : Not reported

Status : Not reported
Comp Number : 939
Number : Not reported
Board Of Equalization : ++D11491
Ref Date : Not reported
Act Date : Not reported
Created Date : Not reported
Tank Status : Not reported
Owner Tank Id : Not reported
Swrcb Tank Id : 19-000-000939-000010
Actu Date : Not reported

Map ID / Direction / Distance / Distance (ft) / Elevation / Site — Database(s) — EDR ID Number / EPA ID Number

WELCH'S OVERALL CLEANING CO INC (Continued) — 1000188742

Capacity: 7200
Tank Use: CHEMICAL
Stg: PRODUCT
Content: UNKNOWN
Number Of Tanks: Not reported

A2 Target Property — WELCH'S OVERALL CLEANING CO INC — HAZNET — S100843180
3606 PASADENA AVE — N/A
LOS ANGELES, CA 90031

Actual: 388 ft

Site 2 of 13 in cluster A

HAZNET:

Gepaid: CAD075309740
TSD EPA ID: CAD028409019
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 100080
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Treatment, Tank
Contact: AMERICAN LINEN SUPPLY COMPANY
Telephone: (000) 000-0000
Mailing Address: 3605 PASADENA AVE
LOS ANGELES, CA 90031
County: Los Angeles

Gepaid: CAD075309740
TSD EPA ID: CAT080013352
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 18765
Waste Category: Unspecified aqueous solution
Disposal Method: Recycler
Contact: AMERICAN LINEN SUPPLY COMPANY
Telephone: (000) 000-0000
Mailing Address: 3605 PASADENA AVE
LOS ANGELES, CA 90031
County: Los Angeles

Gepaid: CAD075309740
TSD EPA ID: WAD009477175
Gen County: Los Angeles
Tsd County: 99
Tons: 56256
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Recycler
Contact: AMERICAN LINEN SUPPLY COMPANY
Telephone: (000) 000-0000
Mailing Address: 3605 PASADENA AVE
LOS ANGELES, CA 90031
County: Los Angeles

Map ID / Direction / Distance / Distance (ft) / Elevation / Site — Database(s) — EDR ID Number / EPA ID Number

WELCH'S OVERALL CLEANING CO INC (Continued) — S100843180

Gepaid: CAD075309740
TSD EPA ID: WAD009477175
Gen County: Los Angeles
Tsd County: 99
Tons: 10500
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Not reported
Contact: AMERICAN LINEN SUPPLY COMPANY
Telephone: (000) 000-0000
Mailing Address: 3605 PASADENA AVE
LOS ANGELES, CA 90031
County: Los Angeles

Gepaid: CAD075309740
TSD EPA ID: Not reported
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 735
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Treatment, Tank
Contact: UNDELIVERABLES3 FEE FORM
Telephone: -
Mailing Address: 3605 PASADENA AVE
LOS ANGELES, CA 90031
County: Not reported

Click this hyperlink while viewing on your computer to access
3 additional CA HAZNET record(s) in the EDR Site Report.

A3 Target Property — WELCH UNIFORM — SLIC — S106118668
3606 PASADENA — N/A
LOS ANGELES, CA 90031

Actual: 388 ft

Site 3 of 13 in cluster A

SLIC Region 4:

Facility Status: Site Assessment
Region: 4
SLIC: 0833
Start: 0Y
Substance: VOCs

NPL Region — SAN FERNANDO VALLEY (AREA 4) — Cal-Sites — 1000710126
Verdugo — POLLOCK WELL FIELD — CERCLIS — CAD983984878
1/2-1 — LOS ANGELES, CA 90038 — FINDS
3336 ft. — NPL
Corrosion
AWP

CERCLIS Classification Data:

Federal Facility: Not a Federal Facility
Non NPL Status: Not reported
NPL Status: Currently on the Final NPL
Contact: Elizabeth Adams — Contact Tel: (415) 972-3183
Contact Title: Not reported
Contact: Jere Johnson — Contact Tel: (415) 972-3094
Contact Title: Not reported

BAN FERNANDO VALLEY (AREA 4) (Continued) 1000710186

Contact: Frederick Schreuffer Contact Tel: (415) 972-3174
Contact Title: Not reported
Site Description: SAN FERNANDO #4 IS AN AREA OF CONTAMINATED WATER IN POLLOCK WELLFIELD AREA IN LOS ANGELES, CA. PART OF SAN FERNANDO VLY BASIN, A NATURAL UNDGRD RESERVOIR THAT IS SOURCE OF DRKWTR FOR 3 MILGRD WTR CONTAMINATED WITH TCE & PCE.

CERCLIS Assessment History:

Assessment:	DISCOVERY	Completed:	12/01/1983
Assessment:	HRS PACKAGE	Completed:	04/01/1984
Assessment:	PRELIMINARY ASSESSMENT	Completed:	04/01/1984
Assessment:	SITE INSPECTION	Completed:	04/01/1984
Assessment:	PROPOSAL TO NPL	Completed:	10/15/1984
Assessment:	NPL RP SEARCH	Completed:	09/15/1985
Assessment:	FINAL LISTING ON NPL	Completed:	09/10/1986
Assessment:	REMOVAL ASSESSMENT	Completed:	09/17/1991
Assessment:	RI/FS HEALTH ASSESSMENT	Completed:	12/15/1992
Assessment:	ECOLOGICAL RISK ASSESSMENT	Completed:	12/15/1992
Assessment:	NPL RP SEARCH	Completed:	09/30/1993
Assessment:	READY-FOR-REUSE EVALUATION CHECKLIST	Completed:	03/24/2004

CERCLIS Site Status:
Not reported
CERCLIS Alias Name(s):
SAN FERNANDO VLY BASIN - POLLOCK AREA
SAN FERNANDO VALLEY (AREA 4)

NPL:
EPA ID: CAD983894876
Region: 09
Federal: General
Final Date: 09/10/1986

NPL SUMMARY:
Summary: Conditions at proposal October 15, 1984): San Fernando Valley (Area 4) is an area of contaminated ground water in the Pollock Well Field area in the City of Los Angeles, Los Angeles County, California. The area is part of the San Fernando Valley
Basin, a natural underground reservoir that represents an important source of drinking water for at least 3 million people in the Los Angeles metropolitan area. The contaminated ground water, which underlies an area of approximately 5,280 acres, co
ntains perchloroethylene (PCE), according to tests conducted by the California Department of Health Services, as well as numerous local government agencies. The State s recommended drinking water guideline for PCE (4 parts per billion) is exceeded
in a number of public wells in this area. To alleviate this contamination, wells are either taken out of service or blended with water from clean sources to ensure that the public receives water with concentrations below the State s guideline Statu
s June 10, 1986): EPA and the Los Angeles Department of Water and Power are entering into a cooperative agreement for a remedial investigation of the San Fernando Valley Basin and a feasibility study targeted at Area 1, the most contaminated area.
The R/I is scheduled to begin in early 1986.

NPL Contaminant:
NPL Status: Final
Substance Id: U078
Case Num: 75-35-4
Substance: DICHLOROETHENE, 1,1-

BAN FERNANDO VALLEY (AREA 4) (Continued) 1000710186

Pathway: The Ground water migration route, or pathway.
GW Scoring: Observed Release & Toxicity
SW Scoring: Not reported
Air Scoring: Not reported
Soil Scoring: Not reported
DC Scoring: Not reported
FE Scoring: Not reported

NPL Status: Final
Substance Id: U210
Case Num: 79-34-5
Substance: TETRACHLOROETHENE
Pathway: The Ground water migration route, or pathway.
GW Scoring: Observed Release
SW Scoring: Not reported
Air Scoring: Not reported
Soil Scoring: Not reported
DC Scoring: Not reported
FE Scoring: Not reported

NPL Status: Final
Substance Id: U228
Case Num: 79-01-6
Substance: TRICHLOROETHYLENE (TCE)
Pathway: The Ground water migration route, or pathway.
GW Scoring: Observed Release
SW Scoring: Not reported
Air Scoring: Not reported
Soil Scoring: Not reported
DC Scoring: Not reported
FE Scoring: Not reported

NPL Site:
CERCLIS Id: CAD983894876
Site City: Los Angeles
Site State: CA
NPL Status: Final
Status Date: 09/10/86
Federal Site: Not reported
HRS Score: 35.57
GW Score: 61.54
SW Score: 0.00
Air Score: 0.00
Soil Score: 0.00
DC Score: 0.00
FE Score: 0.00

NPL Char:
NPL Status: Final
Category Description: DEPTH TO AQUIFER
Category Value: 1

NPL Status: Final
Category Description: DISTANCE TO THE NEAREST POPULATION
Category Value: 10

NPL Status: Final
Category Description: OBSERVED RELEASE Ground Water
Category Value: Not reported

BAN FERNANDO VALLEY (AREA 4) (Continued) 1000710186

NPL Status: Final
Category Description: OTHER GROUND WATER USE-Industrial Process Cooling
Category Value: Not reported

NPL Status: Final
Category Description: OTHER GROUND WATER USE-Irrigation
Category Value: Not reported

NPL Status: Final
Category Description: PHYSICAL STATE-Liquid
Category Value: Not reported

NPL Status: Final
Category Description: SITE ACTIVITY/WASTE SOURCE-Ground Water Plume
Category Value: Not reported

NPL Status: Final
Category Description: SITE ACTIVITY/WASTE SOURCE-Unknown
Category Value: Not reported

NPL Status: Final
Category Description: SURFACE WATER ADJACENT TO SITE-Drain Ditch
Category Value: Not reported

NPL Status: Final
Category Description: SURFACE WATER ADJACENT TO SITE-River
Category Value: Not reported

NPL SITE STATUS:
NPL Status: Final
Proposed Date: 10/15/1984
Final Date: 08/10/1986
Deleted Date: Not reported

FINDS:
Other Pertinent Environmental Activity Identified at Site:
COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION AND INFORMATION SYSTEM

CAL-SITES:
Facility ID: 19960009
Status: AWP - ANNUAL WORKPLAN (AWP) - ACTIVE SITE
Status Date: 01/01/1984
Lead: EPA
Region: 3 - GLENDALE
Branch: SA - SO CAL - GLENDALE
File Name: Not reported
Status Name: ANNUAL WORKPLAN - ACTIVE SITE
Lead Agency: ENVIRONMENTAL PROTECTION AGENCY Not reported
NPL: Listed
SIC: 59 NONCLASSIFIABLE ESTABLISHMENTS
Facility Type: NPJF
Type Name: NPL SITE, JOINT STATE/FEDERAL-FUNDED
Staff Member Responsible for Site: TYARGEAU
Supervisor Responsible for Site: Not reported
Region Water Control Board: LA - LOS ANGELES
Access: Not reported
Contest: Not reported
Hazardous Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Confirmed
No. of Contamination Sources: 1

BAN FERNANDO VALLEY (AREA 4) (Continued) 1000710186

Lat/Long: Not reported
Lat/Long Method: Not reported
State Assembly District Code: 43
State Senate District: 21

Click this hyperlink while viewing on your computer to access additional CAL-SITES detail in the EDR Site Report.

AWP Facility ID: 19960009
Facility Type: NPL site, joint state/federal-funded
Site Access Controlled: Not reported
Region Code: 3
Region: GLENDALE
SMBR Branch Unit: SO CAL - GLENDALE
SMBR Branch Code: SA
Site Name.: Not reported
Current Status Date: 19/84/0101
Current Status: ANNUAL WORKPLAN - ACTIVE SITE
Lead Agency Code: EPA
Lead Agency: ENVIRONMENTAL PROTECTION AGENCY
NPL: L
Tier Of AWP Site: Not reported
Source Of Funding: Not reported
Responsible Staff Member: TYARGEAU
Supervisor Responsible: Not reported
Facility SIC: NONCLASSIFIABLE ESTABLISHMENTS
SIC Code: 59
RWQCB Associated With Site: LOS ANGELES
RWQCB Code: LA
Site Listed HWB List: Not reported
Hazard Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Confirmed
Of Contamination Sources: 1
Lat/Long Method: Not reported
Description Of Entity: Not reported
State Assembly Distl Code: 43
State Senate District: 21
Lat/Long: [illegible]

CORTESE:
Region: CORTESE
Fac Address 2: Not reported

---

4 LA UBD HILLSIDE EL RCRA-SQG 1000427804
SE 120 EAVES 36 FINDS CAD982824801
< 1/8 LOS ANGELES, CA 90031
244 ft

Relative:
Higher

Actual:
333 ft

LA USD HILLSIDE EL (Continued) 1000427804

RCRAInfo:
Owner: LA USD
(415) 555-1212
EPA ID: CAD982624801

Contact: ENVIRONMENTAL MANAGER
(213) 742-7371

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
HAZARDOUS WASTE TRACKING SYSTEM-DATAMART
RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM

---

6 B46 LARKIN STREET UST U003278697
NNE B46 LARKIN ST N/A
< 1/8 LOS ANGELES, CA 90031
348 ft

Relative: Lower

State UST:
Facility ID: Z3534
Total Tanks: 1
Actual: 384 ft Region: STATE
Local Agency: Los Angeles, Los Angeles County

UST San Francisco County:
Facility ID: Z3534 Case Number: Not reported
Tank ID: Not reported Owner Name: Not reported
Receive Date: Not reported Close Date: 1/5/2000
Region: SAN FRANCISCO
Facility Status: Not reported
Certified Date: 3/6/2000
Mailing Address: 1550 Wallace
Care Of Address: Not reported Number Of Tanks: Not reported
Local Tank Id: Not reported Tank Manufacturer Not reported
Compartmentalized Tank: Not reported
Date Tank Installed: Not reported
Tank Capacity: Not reported
Of Tank Compartments: Not reported
Of Tanks: 1
Additional Desc: Not reported Tank Use: Not reported
Petroleum Type: Not reported Common Name: Not reported
Type Of Tank: Not reported
Tank Material - Primary Tank: Not reported
Tank Material - Secondary Tank: Not reported
Tank Interior Lining/Coating: Not reported
Tank Int Lining Install Dt: Not reported
Other Tank Corrosive Protection: Not reported
Date Tank Corrosive Protection Install: Not reported
Type Of Spill Protection:
Spill Containment: Not reported
Drop Tube: Not reported
Striker Plate: Not reported
Year Overfill Protection Equipment Installed:
Alarm: Not reported
Ball Float: Not reported

B46 LARKIN STREET (Continued) U003278697

Fill Tube Shut: Not reported
Exempt: Not reported
Tank Leak Detection (Single Wall):
Visual (Exposed Portion): Not reported
Automatic Tank Gauging: Not reported
Continuous Alg: Not reported
Statistical Inventy Reconciliation & Biennial Tank Test: Not reported
Manual Tank Gauging: Not reported
Vadose Zone Tank Leak Detection: Not reported
Groundwater: Not reported
Tank Testing: Not reported
Other Detection: Not reported
Tank Leak Detection (Double Wall):
Visual (Single Wall In Vault Only): Not reported
Continuous Interstitial Monitoring: Not reported
Manual Monitoring: Not reported
Other Leak Detection: Not reported
Estimated Date Last Used: Not reported
Estimated Qty Of Substance Remaining: Not reported
Tank Filled With Inert Material: Not reported
Piping System Type (Underground):
Pressure: Not reported
Suction: Not reported
Gravity: Not reported
Piping System Type (Aboveground):
Pressure: Not reported
Suction: Not reported
Gravity: Not reported
Piping Construction (Underground):
Single Wall: Not reported
Double Wall: Not reported
Lined Trench: Not reported
Unknown: Not reported
Other: Not reported
Piping Manufacturer (Underground): Not reported
Piping Construction (Aboveground):
Single Wall: Not reported
Double Wall: Not reported
Unknown: Not reported
Other: Not reported
Piping Manufacturer (Aboveground): Not reported
Piping Mat. And Corrosion Protection (Underground):
Bare Steel: Not reported
Stainless Steel: Not reported
Plastic Compatible With Contents: Not reported
Fiberglass: Not reported
Steel With Coating: Not reported
FRP Compatible With 100% Methanol: Not reported
Galvanized Steel: Not reported
Flexible (HDPE- High Density Polyethylene): Not reported
Cathodic Protection: Not reported
Unknown: Not reported
Other: Not reported
Piping Mat. & Corrosion Protect (Aboveground):
Bare Steel: Not reported
Stainless Steel: Not reported
Plastic Compatible With Contents: Not reported

B46 LARKIN STREET (Continued) U003378497

Fiberglass : Not reported
Steel W/Coating : Not reported
Frp Compatible W/100% Methanol : Not reported
Galvanized Steel : Not reported
Flexible (HDPE- High Density Polyethylene) : Not reported
Cathodic Protecn : Not reported
Unknown : Not reported
Other : Not reported
Piping Leak Detection (Underground - Single Wall) :
Electronic Line Leak Detection/ Auto Shutoff/ Alarms : Not reported
Monthly 0.2 Gph Test : Not reported
Annual Integrity Test : Not reported
Daily Visual Monitrng ,Thermi Integrity Test : Not reported
Self Monitoring : Not reported
Biennial Integrity Test : Not reported
Piping Leak Detection (Secondarily Contained) :
Sump Sensor, Alarms ,Auto Shutoff For Leaks : Not reported
Sump Snsr ,Alrm ,Auto Shutoff For Leaks, Failure ,& Disconnect : Not reported
Sump Sensor ,Alarms ,No Auto Shutoff : Not reported
Pressure , Auto Leak Detctr ,Flow Shutoff Or Restrictn Not reported
Annual Integrity Test : Not reported
Suction,Gravity ,Sump Sensor,Alarms : Not reported
Piping Leak Detection (Emergency Generators) :
Sump Sensor W/O Auto Shutoff/Alarms : Not reported
Auto Leak Detector W/O Flow Shutoff Or Restrctn : Not reported
Annual Integrity Test : Not reported
Piping Leak Detecn Abougrnd - Emrgncy Gen - Daily Visual Chk : Not reported
Pipe Integrity Test, Underground : Not reported
Piping Leak Detection (Aboueground - Single Wall) :
Electronic Line Leak Detector /Auto Shutoff /Alarms : Not reported
Monthly 0.2 Gph Test : Not reported
Annual Integrity Test : Not reported
Single Wall, Pressure Daily Visual Check : Not reported
Single Wall, Suction - Daily Visual Monitoring : Not reported
Thermal Integrity Test : Not reported
Self Monitoring : Not reported
Single Wall, Gravity - Daily Visual Monitoring : Not reported
Biennial Integrity Test : Not reported
Piping Leak Detection (Aboueground - Secondarily Contained)
Sump Sensor, Alarms, Auto Shutoff For Leaks : Not reported
Piping Leak Detection (Underground - Secondarily Contained)
Sump Snr ,Alrm , Aub Shutoff For Leaks, Failre & Disconct : Not reported
Sump Sensor, Alarms, No Auto Shutoff : Not reported
Pressure - Auto Leak Detctr, Flow Shutoff/Restrctn : Not reported
Annual Integrity Test : Not reported
Suction/gravity - Sump Sensor , Alarms : Not reported
Piping Leak Detection Underground (Emergency Generators)
Sump Sensor Without Aub Shutoff , Alarms : Not reported
Auto Leak Detector W/o Flow Shutoff Or Restrctn : Not reported
Annual Integrity Test : Not reported
Daily Visual Check : Not reported
Pipe Integrity Test, Aboueground : Not reported
Date Dispenser Containment Installed : Not reported
Dispenser Containment Type : Not reported
Date Certified (Tank Unit) : Not reported
Owner/ Operator Name (Tank Unit) : Not reported
Owner/ Operator Title (Tank Unit) : Not reported

B46 LARKIN STREET (Continued) U003378497

Permit Number : Not reported
Permit Approved By : Not reported
Permit Expiration Date : Not reported
Last Annual Monitoring Certi : Not reported
Secondary Containment Test : Not reported
Spill Containment Present : Not reported
Drop Tube Present : Not reported
Striker Plate Present : Not reported
Alarm Present : Not reported
Ball Float Present : Not reported
Fill Tube Present : Not reported
Other Tank Leak Detection Present : Not reported
UST Close ID : 3337
Application Date : 12/23/1999
Application Name : George Wilson
Applications : LSW Environmental
Applications Addr : Not reported
2ndry Cont Of Address : Not reported

B8 FLAVOR FOODS INC. CA FID UST B10163723
NNE 3630 PASADENA AVE SWEEPS UST N/A
1/8-1/4 LOS ANGELES, CA 90031
797 ft

Site 1 of 2 in cluster B

Relative: Higher

FID:
Facility ID: 19001151 Regulate ID: 0000744
Reg By: Inactive Underground Storage Tank Location
Comese Code: Not reported SIC Code: Not reported
Status: Inactive Facility Tel: (213) 626 2211
Mail To: Not reported
3630 PASADENA AVE
LOS ANGELES, CA 90031
Contact: Not reported Contact Tel: Not reported
DUNs No: Not reported NPDES No: Not reported
Creation: 10/22/93 Modified: 00/00/00
EPA ID: Not reported
Comments: Not reported

Actual: 378 ft

SWEEPS:
Status : Not reported
Comp Number : 859
Number : Not reported
Board Of Equalization : 44-011445
Ref Date : Not reported
Act Date : Not reported
Created Date : Not reported
Tank Status : Not reported
Owner Tank Id : Not reported
Swrcb Tank Id : 19-000-000859-000001
Actv Date : Not reported
Capacity : 5000
Tank Use : M.V. FUEL
Stg : PRODUCT
Content : RED UNLEADED
Number Of Tanks : 3

Status : Not reported
Comp Number : 859

FLAVOR FOOD BINC. (Continued) S101632723

Number : Not reported
Board Of Equalization : ++D11445
Ref Date : Not reported
Act Date : Not reported
Created Date : Not reported
Tank Status : Not reported
Owner Tank Id : Not reported
Swrcb Tank Id : 19-000-000899-000002
Actu Date : Not reported
Capacity : 5000
Tank Use : M.V. FUEL
Stg : PRODUCT
Content : RED UNLEADED
Number Of Tanks : Not reported

Status : Not reported
Comp Number : 899
Number : Not reported
Board Of Equalization : ++D11445
Ref Date : Not reported
Act Date : Not reported
Created Date : Not reported
Tank Status : Not reported
Owner Tank Id : Not reported
Swrcb Tank Id : 19-000-000899-000003
Actu Date : Not reported
Capacity : 5000
Tank Use : M.V. FUEL
Stg : PRODUCT
Content : RED UNLEADED
Number Of Tanks : Not reported

---

87 FOOD FOR LIFE LUST 1000133187
NNE 3630 PASADENA Cortese N/A
1/8-1/4 LOS ANGELES, CA 90031 HIST LUST
787 ft

Site 2 of 2 in cluster B

Relative: Higher

Actual: 873 ft

State LUST:
Cross Street: CARLOTTA
Qty Leaked : Not reported
Case Number 900310289
Reg Board: Los Angeles Region
Chemical: 1
Lead Agency: Local Agency
Local Agency : 19050
Case Type: Soil only
Status: Leak being confirmed
Review Date: 1996-10-28 00:00:00 Confirm Leak: 1996-10-28 00:00:00
Workplan: Not reported Prelim Assess: Not reported
Pollution Char: Not reported Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: Not reported
Release Date: 1996-10-28 00:00:00
Cleanup Fund Id : Not reported
Discover Date : 1996-10-28 00:00:00
Enforcement Dt : Not reported
Enf Type: Not reported

FOOD FOR LIFE (Continued) 1000133187

Enter Date : 1996-12-31 00:00:00
Funding: Not reported
Staff Initials: PEJ
How Discovered: Tank Closure
How Stopped: Not reported
Interim : Not reported
Leak Cause : UNK
Leak Source : UNK
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required Jobe Tested.
Priority: Not reported
Local Case # : Not reported
Beneficial: Not reported
Staff: UNK
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifer : Not reported
Hydr Basin #: SAN FERNANDO VALLEY
Operator : OLD CASE NO WAS 00773
Oversight Prgm: LUST
Review Date : 1997-03-10 00:00:00
Stop Date : 1996-10-28 00:00:00
Work Suspended :Not reported
Responsible Party FOOD FOR LIFE
RP Address : 3630 PASADENA AVE, LOS ANGELES, CA 90031
Global Id : T0607700839
Org Name : Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: 0
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Discharge Assigned Name: Not reported
Summary : Not reported

LUST Region 4:
Report Date : 10/23/1996
Lead Agency: Local Agency
Local Agency: 19050
Substance : 1
Case Type: Soil
Status : Leak being confirmed
Region: 4
Staff UNK
Date Case Last Changed on Database: 9/10/1997
Date Leak Record Entered: 12/31/1996
Historical Max MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifer: Not reported
Hist Max MTBE Concin Groundwater: Not reported
Hist Max MTBE Concin Soil : Not reported
County: Los Angeles
Organization : Not reported
Regional Board: 04
Owner Contact: Not reported

FOOD FOR LIFE (Continued) 1000133187

Responsible Party: FOOD FOR LIFE
RP Address: 3580 PASADENA AVE, LOS ANGELES, CA 90031
Significant Interim Remedial Action Taken: Not reported
Program: LUST
Lat / Long: 34.0877141 / -1
Local Agency Staff: PSI
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Local Case No: Not reported
Substance Quantity: Not reported
Abatement Method Used at the Site: Not reported
Operator: OLD CASE NO WAS 000773
Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): 7315.613147358397.9638.2551165
Assigned Name: Not reported
Wi Global ID: Not reported
Source of Cleanup Funding: Not reported
Date the Leak was Discovered: 10/23/1995
How the Leak was Discovered: Tank Closure
How the Leak was Stopped: Not reported
Cause of Leak: UNK
Leak Source: UNK
Date The Leak was Stopped: 10/23/1995
Date Confirmation Leak Began: 10/23/1995
Preliminary Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Remediation Plan Submitted: Not reported
Remedial Action Underway: Not reported
Post Remedial Action Monitoring Began: Not reported
Date the Case was Closed: Not reported
Enforcement Action Date: Not reported
Date Leak First Reported: 10/23/1995
Enforcement Type: Not reported
Global ID: T0600700305
Cross Street: CARLOTTA
Summary:

CORTESE:
Region: CORTESE
Fac Address 2: Not reported

UST HIST:
Facility ID: 7744
Total Tanks: 3
Owner Address: 3580 PASADENA AVE.
LOS ANGELES,CA 90031
Tank Used for: PRODUCT
Tank Num: 1
Tank Capacity: 00005000
Type of Fuel: UNLEADED
Leak Detection: Stock Inventor
Contact Name: Not reported
Facility Type: Other
Owner Name: FOOD FOR LIFE BAKING CO., INC.
Region: STATE
Container Num: 001
Year Installed: Not reported
Tank Construction: Not Reported
Telephone: (213) 227-1995
Other Type: BAKER

FOOD FOR LIFE (Continued) 1000133187

Facility ID: 7744
Total Tanks: 3
Owner Address: 3580 PASADENA AVE.
LOS ANGELES,CA 90031
Tank Used for: PRODUCT
Tank Num: 2
Tank Capacity: 00005000
Type of Fuel: UNLEADED
Leak Detection: Stock Inventor
Contact Name: Not reported
Facility Type: Other
Owner Name: FOOD FOR LIFE BAKING CO., INC.
Region: STATE
Container Num: 002
Year Installed: Not reported
Tank Construction: Not Reported
Telephone: (213) 227-1995
Other Type: BAKER

Facility ID: 7744
Total Tanks: 3
Owner Address: 3580 PASADENA AVE.
LOS ANGELES,CA 90031
Tank Used for: PRODUCT
Tank Num: 3
Tank Capacity: 00005000
Type of Fuel: UNLEADED
Leak Detection: Stock Inventor
Contact Name: Not reported
Facility Type: Other
Owner Name: FOOD FOR LIFE BAKING CO., INC.
Region: STATE
Container Num: 003
Year Installed: Not reported
Tank Construction: Not Reported
Telephone: (213) 227-1995
Other Type: BAKER

S
WSW
1/8-1/4
821 ft

AMERICAN CABLE CORP
141 W AVENUE 34
LOS ANGELES, CA 90031

RCRA-SQG 1000380763
FINDS CAD982361074
HAZNET
EMI

Relative:
Lower

Actual:
382 ft

RCRAInfo:
Owner: CARL DE LA TORRE
(415) 555-1212
EPA ID: CAD982361074
Contact: ENVIRONMENTAL MANAGER
(213) 227-8377
Classification: Small Quantity Generator
TSD F Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
NATIONAL EMISSIONS INVENTORY
RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM

HAZNET:
Gepaid: CAD982361074
TSD EPA ID: CAD008252405
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .3000
Waste Category: Other organic solids
Disposal Method: Treatment, Incineration
Contact: CARL DE LA TORRE
Telephone: (000) 000-0000
Mailing Address: PO BOX 31370
LOS ANGELES,CA 90031

AMERICAN CABT ER CORP (Continued) 1000380763

County Los Angeles

Gepaid: CAD982351074
TSD EPA ID: CAD008252405
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .2000
Waste Category: Other organic solids
Disposal Method: Recycler
Contact: CARL DELATORRE
Telephone: (000) 000-0000
Mailing Address: PO BOX 31370
LOS ANGELES,CA 90031
County Los Angeles

Gepaid: CAD982351074
TSD EPA ID: CAD008252405
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .2500
Waste Category: Other organic solids
Disposal Method: Recycler
Contact: CARL DELATORRE
Telephone: (000) 000-0000
Mailing Address: PO BOX 31370
LOS ANGELES,CA 90031
County Los Angeles

Gepaid: CAD982351074
TSD EPA ID: CAD089496710
Gen County: Los Angeles
Tsd County: 0
Tons: .0625
Waste Category: Unspecified oil-containing waste
Disposal Method: Transfer Station
Contact: CARL DELATORRE
Telephone: (000) 000-0000
Mailing Address: PO BOX 31370
LOS ANGELES,CA 90031
County Los Angeles

Gepaid: CAD982351074
TSD EPA ID: CAD089496710
Gen County: Los Angeles
Tsd County: 0
Tons: .2000
Waste Category: Hydrocarbon solvents (benzene, hexane, Stoddard, etc)
Disposal Method: Transfer Station
Contact: CARL DELATORRE
Telephone: (000) 000-0000
Mailing Address: PO BOX 31370
LOS ANGELES,CA 90031
County Los Angeles

EMISSIONS:

Year:	1987
Facility ID:	15790
Air District Code:	SC
SIC Code:	3429
Air Basin:	SC

AMERICAN CABT ER CORP (Continued) 1000380763

Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
County Code:	19
County ID:	19
Total Organic Hydrocarbon Gases Tons/Yr:	20
Reactive Organic Gases Tons/Yr:	19
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smaller Tons/Yr:	0

Year:	1988
Facility ID:	15790
Air District Code:	SC
SIC Code:	3429
Air Basin:	SC
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
County Code:	19
County ID:	19
Total Organic Hydrocarbon Gases Tons/Yr:	11
Reactive Organic Gases Tons/Yr:	6
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smaller Tons/Yr:	0

Year:	1989
Facility ID:	15790
Air District Code:	SC
SIC Code:	3429
Air Basin:	SC
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
County Code:	19
County ID:	19
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	2
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smaller Tons/Yr:	0

Year:	1990
Facility ID:	15790
Air District Code:	SC
SIC Code:	3429
Air Basin:	SC
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported

AMERICAN CASTER CORP (Continued) 1000380763

County Code : 19
County ID : 19
Total Organic Hydrocarbon Gases Tons/Yr : 2
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 2
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr : 0
Part. Matter 10Microm eters and Smaller Tons/Yr : 0

Year : 1995
Facility ID : 15750
Air District Code : SC
SIC Code : 3429
Air Basin : SC
Air District Name : SOUTH COAST AQMD
Community Health Air Pollution Info System : Not reported
Consolidated Emission Reporting Rule : Not reported
County Code : 19
County ID : 19
Total Organic Hydrocarbon Gases Tons/Yr : 1
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr : 0
Part. Matter 10Microm eters and Smaller Tons/Yr : 0

B RUBBING ENGINEERING RCRA-SQG 1000332348
SSW 211 W AVENUE 33 FINDS CAD981388162
1/8-1/4 LOS ANGELES, CA 90031
870 ft.

Relative: RCRAInfo:
Lower Owner: CARLA RUSSING
(415) 555-1212
Actual: EPA ID: CAD981388152
382 ft.
Contact: ENVIRONMENTAL MANAGER
(213) 221-3370

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM

10 GAS AIR CONDITIONING INC CA FID UST S101637871
SW 211 W AVENUE 33 SWEEPS UST N/A
1/8-1/4 LOS ANGELES, CA 90031
1092 ft.

Relative: FID:
Lower Facility ID: 19956875 Regulate ID: Not reported
Reg By: Active Underground Storage Tank Location
Actual: Cortese Code: Not reported SIC Code: Not reported
380 ft. Status: Active Facility Tel: (213) 000-0000
Mail To: Not reported
311 W AVENUE 33
LOS ANGELES, CA 90031
Contact: Not reported Contact Tel: Not reported
DUNS No: Not reported NPDES No: Not reported
Creation: 10/22/93 Modified: 00/00/00
EPA ID: Not reported
Comments: Not reported

SWEEPS:
Status : A
Comp Number : 4739
Number : 1
Board Of Equalization : Not reported
Ref Date : 02-25-93
Act Date : 02-25-93
Created Date : 02-25-93
Tank Status : Not reported
Owner Tank Id : Not reported
Swrcb Tank Id : Not reported
Actu Date : Not reported
Capacity : Not reported
Tank Use : Not reported
Stg : Not reported
Content : Not reported
Number Of Tanks : Not reported

C11 LOS ANGELES USD LORETO ELEM SCHOOL RCRA-SQG 1000102128
WNW 3403 ARROYO SECO AVE FINDS CAD982022686
1/8-1/4 LOS ANGELES, CA 90065
1118 ft.

Site 1 of 12 in cluster C

Relative: RCRAInfo:
Higher Owner: LOS ANGELES UNIFIED SCHOOL DISTRICT
(415) 555-1212
Actual: EPA ID: CAD982022686
372 ft.
Contact: ENVIRONMENTAL MANAGER
(213) 742-7371

Classification: Small Quantity Generator
TSDF Activities: Not reported

LOS ANGELES USD LORETO ELEM SCHOOL (Continued) 1000102123

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
HAZARDOUS WASTE TRACKING SYSTEM-DATAMART
RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM

C12 LAUSD LORETO ST ELEM HAZNET S106823637
WNW 3403 ARROYO SECO AVE SCH N/A
1/8-1/4 LOS ANGELES, CA 90065
1183 ft.

Site 2 of 12 in cluster C

Relative: Higher

Actual: 372 ft.

SCH:
Facility ID: 19330057
Dist Region Code: 3
Region Code Definition: GLENDALE
County Code: 19
Site Name Under: LORETO STREET ELEMENTARY SCHOOL ADDITION
Current Status Date: 01012001
Current Status Code: VTERM
Current Status: VOLUNTARY CLEANUP AGREEMENT TERMINATED
Lead Agency Code: DTSC
Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL
Site Type Code: SCHOL
Site Type: SCHOOL SITE PROPERTY
National Priorities List: Not reported
Tier: Not reported
Source Of Funding Code: Not reported
Staff Member: SCHAUBER
Supervisor: Not reported
Sic Code: 82
Sic Code Definition: EDUCATIONAL SERVICES
Site Mitigatn & Brnfds Reuse Prog (SMBR) Code: SE
SMBR Branch: SCHOOL EVALUATION
Regional Water Quality Control Board: Not reported
RWQCB Definition: Not reported
Site Access Controlled: Not reported
Listed In Haz Wst & Subs Incs Sites List (CORTESE): Not reported
Date Hazard Ranked: Not reported
GW Contamination Suspected: Not reported
Of Sources Contributing To Contamination: 0
Lat/Long: 0°0'0" / 0°0'0"
Direction Lat: Not reported
Direction Long: Not reported
Lat/Long Method: Not reported
Entity Lat/Long Coordinates Refer To: Not reported
State Assembly Distl Code: 45
State Senate Distl Code: 22
Identifying Code: CSTAR
ID Value: 304232-11
Other ID Desc: CALSTARS CODE
Alternate Name(s): LOS ANGELES UNIFIED SCHOOL DISTRICT
Alternate Name(s): LORETO STREET ELEMENTARY SCHOOL ADDITION
Address(es): 3403 ARROYO SECO AVENUE
LOS ANGELES, CA 90065
Address(es): 355 S. GRAND AVENUE, 6TH FLOOR
LOS ANGELES, CA 90071

LAUSD LORETO ST ELEM (Continued) S106823637

Background Info: Not reported
Facility Id: Not reported
AIMP Activities Code: Not reported
DTSC Site Activity Code: Not reported
Activity Code Det: Not reported
AIMP Activity Id: Not reported
DI Activity Due For Completion: Not reported
Revised Due Date: Not reported
Date Activity Completed: Not reported
Est # Of Person-years To Complete: Not reported
Est. Size Of An Activity Code: Not reported
Site Status When Activity Commitment Made: Not reported
Status Code Definition: Not reported
Cubic Yards Of Solids Removed At Completion: Not reported
Gallons Of Liquid Removed Upon Completion: Not reported
Cubic Yards Of Solids Treated Upon Completion: Not reported
Activity Deltd Via Commitmt/Complete Screen: Not reported
Special Program Code: Not reported
Special Program: Not reported
Comments Date: 01012001
Comments: The Los Angeles Unified School District dropped this site.
LAUSD MASTER OVERSIGHT AGREEMENT (DOCKET NO. HSA-A 99/00-051)
EXECUTED ON 2/10/00.
Not reported
As part of the Master Oversight Agreement between DTSC and the
Los Angeles Unified School District (LAUSD), DTSC will provide
oversight for a Preliminary Endangerment Assessment (PEA) for
the Loreto Street Elementary School Addition.

HAZNET:
Gepaid: CAD982022535
TSD EPA ID: Not reported
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 0.15
Waste Category: Other inorganic solid waste
Disposal Method: Transfer Station
Contact: YI HWA KIM DEPUTY DIRECTOR
Telephone: (213) 7435095
Mailing Address: 1449 S SAN PEDRO ST
LOS ANGELES, CA 90015 - 3119
County Not reported

D13 MIKE B TRANSMISSION HIST UST U001582488
NNW 3600 N FIGUEROA ST N/A
1/8-1/4 LOS ANGELES, CA 90065
1241 ft.

Site 1 of 12 in cluster D

Relative: Higher

Actual: 333 ft.

UST HIST:
Facility ID: 50846
Total Tanks: 3
Owner Address: 3600 N FIGUEROA ST.
LOS ANGELES, CA 90065
Tank Used for: PRODUCT
Tank Num: 1
Tank Capacity: 0000500
Type of Fuel: UNLEADED
Leak Detection: None
Owner Name: MIKE RIVERA
Region: STATE
Container Num: 1
Year Installed: Not reported
Tank Construction: Not Reported

MIKE B TRANSMISSION (Continued) U001582488

Contact Name: MIKE RIVERA Telephone: (213) 222-9638
Facility Type: Other Other Type: AUTO REPAIR

Facility ID: 50945 Owner Name: MIKE RIVERA
Total Tanks: 3 Region: STATE
Owner Address: 3600 N FIGUEROA ST.
LOS ANGELES,CA 90065
Tank Used for: PRODUCT
Tank Num: 2 Container Num: 2
Tank Capacity: 0000550 Year Installed: Not reported
Type of Fuel: REGULAR Tank Construction: Not Reported
Leak Detection: None
Contact Name: MIKE RIVERA Telephone: (213) 222-9638
Facility Type: Other Other Type: AUTO REPAIR

Facility ID: 50945 Owner Name: MIKE RIVERA
Total Tanks: 3 Region: STATE
Owner Address: 3600 N FIGUEROA ST.
LOS ANGELES,CA 90065
Tank Used for: PRODUCT
Tank Num: 3 Container Num: 3
Tank Capacity: 0000550 Year Installed: Not reported
Type of Fuel: PREMIUM Tank Construction: Not Reported
Leak Detection: None
Contact Name: MIKE RIVERA Telephone: (213) 222-9638
Facility Type: Other Other Type: AUTO REPAIR

D14 MIKE B TRANSMISSION CA RD UST S101617816
NNW 3600 N FIGUEROA ST SWEEPS UST N/A
1/8-1/4 LOS ANGELES, CA 90065
1241 ft.

Site 2 of 12 in cluster D

Relative: Higher

Actual: 333 ft.

FID:
Facility ID: 19011776 Regulate ID: 0005945
Reg By: Inactive Underground Storage Tank Location
Comtese Code: Not reported SIC Code: Not reported
Status: Inactive Facility Tel: (213) 222-9638
Mail To: Not reported
3600 N FIGUEROA ST
LOS ANGELES,CA 90065
Contact: Not reported Contact Tel: Not reported
DUNs No: Not reported NPDES No: Not reported
Creation: 10/22/93 Modified: 00/00/00
EPA ID: Not reported
Comments: Not reported

SWEEPS:
Status: Not reported
Comp Number: 2350
Number: Not reported
Board Of Equalization: ++012594
Ret Date: Not reported
Act Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 19-050-002350-000001
Actu Date: Not reported

MIKE B TRANSMISSION (Continued) S101617816

Capacity: 500
Tank Use: M.V. FUEL
Stg: PRODUCT
Content: RED UNLEADED
Number Of Tanks: 3

Status: Not reported
Comp Number: 2350
Number: Not reported
Board Of Equalization: ++012594
Ret Date: Not reported
Act Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 19-050-002350-000002
Actu Date: Not reported
Capacity: 500
Tank Use: M.V. FUEL
Stg: PRODUCT
Content: RED UNLEADED
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 2350
Number: Not reported
Board Of Equalization: ++012594
Ret Date: Not reported
Act Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 19-050-002350-000003
Actu Date: Not reported
Capacity: 500
Tank Use: M.V. FUEL
Stg: PRODUCT
Content: RED UNLEADED
Number Of Tanks: Not reported

E16 CHUY CARBURATOR RCRA-SQG 1004873232
NNW 3640 N FIGUEROA FINDS CAR000108600
1/8-1/4 LOS ANGELES, CA 90065
1237 ft.

Site 1 of 12 in cluster E

Relative: Higher

Actual: 336 ft.

CHUY CARBURATOR (Continued) 1004873282

RCRAInfo:
Owner: JESUS VAZQUEZ
(323) 224-9488
EPA ID: CAR000109900

Contact: JESUS VAZQUEZ
(323) 224-9488

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
HAZARDOUS WASTE TRACKING SYSTEM-DATAMART
RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM

E18 ILEABCO CA RD UST B10161781 2
NNW 3677 N FIGUEROA ST BWEEPS UST N/A
1/8-1/4 LOS ANGELES, CA 90065
1304 ft.

Site 2 of 3 in cluster E

Relative: Higher

Actual: 338 ft.

FID:
Facility ID: 15016598 Regulate ID: 0000004935
Reg By: Inactive Underground Storage Tank Location
Comtese Code: Not reported SIC Code: Not reported
Status: Inactive Facility Tel: (213) 227-1411
Mail To: Not reported
3677 N FIGUEROA ST
LOS ANGELES, CA 90065
Contact: Not reported Contact Tel: Not reported
DUNs No: Not reported NPDES No: Not reported
Creation: 10/22/93 Modified: 00/00/00
EPA ID: Not reported
Comments: Not reported

SWEEPS:
Status: Not reported
Comp Number: 444
Number: Not reported
Board Of Equalization: Not reported
Ref Date: Not reported
Act Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 19-000-000444-000001
Actu Date: Not reported
Capacity: 4000
Tank Use: M.V. FUEL
Stg: PRODUCT
Content: DIESEL
Number Of Tanks: 3

Status: Not reported
Comp Number: 444
Number: Not reported
Board Of Equalization: Not reported

ILEABCO (Continued) B10161781 2

Ref Date: Not reported
Act Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 19-000-000444-000002
Actu Date: Not reported
Capacity: 8000
Tank Use: M.V. FUEL
Stg: PRODUCT
Content: RED UNLEADED
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 444
Number: Not reported
Board Of Equalization: Not reported
Ref Date: Not reported
Act Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 19-000-000444-000003
Actu Date: Not reported
Capacity: 7500
Tank Use: M.V. FUEL
Stg: PRODUCT
Content: RED UNLEADED
Number Of Tanks: Not reported

E17 ILEABCO HIST UST U001582481
NNW 3677 N FIGUEROA ST N/A
1/8-1/4 LOS ANGELES, CA 90065
1304 ft.

Site 3 of 3 in cluster E

Relative: Higher

Actual: 338 ft.

UST HIST:
Facility ID: 4935 Owner Name: ILEABCO
Total Tanks: 3 Region: STATE
Owner Address: 3677 N. FIGUEROA STREET
LOS ANGELES,CA 90065
Tank Used for: PRODUCT
Tank Num: 1 Container Num: 1
Tank Capacity: 0000 4000 Year Installed: 1979
Type of Fuel: DIESEL Tank Construction: 3/16 gauge
Leak Detection: None
Contact Name: TRICIA SPROUSE Telephone: (213) 227-1411
Facility Type: Other Other Type: VEHICLE LEASING COMP

Facility ID: 4935 Owner Name: ILEABCO
Total Tanks: 3 Region: STATE
Owner Address: 3677 N. FIGUEROA STREET
LOS ANGELES,CA 90065
Tank Used for: PRODUCT
Tank Num: 2 Container Num: 2
Tank Capacity: 0000 8000 Year Installed: 1979
Type of Fuel: UNLEADED Tank Construction: 1/4 gauge
Leak Detection: None
Contact Name: TRICIA SPROUSE Telephone: (213) 227-1411

ILEASCO (Continued) U000182481

Facility Type: Other Other Type: VEHICLE LEASING COMP

Facility ID: 4935 Owner Name: ILEASCO
Total Tanks: 3 Region: STATE
Owner Address: 3577 N. FIGUEROA STREET
LOS ANGELES, CA 90065
Tank Used for: PRODUCT
Tank Num: 3 Container Num: 3
Tank Capacity: 00007500 Year Installed: Not reported
Type of Fuel: UNLEADED Tank Construction: 1/4 gauge
Leak Detection: None
Contact Name: TRICIA SPROUSE Telephone: (213) 227-1411
Facility Type: Other Other Type: VEHICLE LEASING COMP

---

13 KENNINGTON LTD. CERCLIS 1000366846
SW 3209 HUMBOLDT ST. FINDS CAD000113176
1/4-1/2 LOS ANGELES, CA 90031 HAZNET
1288 ft. Cortese
CA FID UST
Relative: DEED
Lower VCP
BWEEPS UST
Actual:
263 ft.

CERCLIS Classification Data:
Federal Facility: Not a Federal Facility
Non NPL Status: SI Start Needed
NPL Status: Not on the NPL
Contact: Betsy Curnow Contact Tel: (415) 972-3093
Contact Title: Not reported
Contact: Jane Johnson Contact Tel: (415) 972-3094
Contact Title: Not reported
Site Description: See Comments
CERCLIS Assessment History:
Assessment: DISCOVERY Completed: 02/14/1984
Assessment: PRELIMINARY ASSESSMENT Completed: 09/03/2001
CERCLIS Site Status:
High

FINDS:
Other Pertinent Environmental Activity Identified at Site:
COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION AND INFORMATION SYSTEM

VCP:
Facility ID 19340739
Dtsc Region Code: 3
Region Code Definition: GLENDALE
County Code: 19
Site Name Under: Not reported
Current Status Date: 04/21/1995
Current Status Code: VCP
Current Status: VOLUNTARY CLEANUP PROGRAM
Lead Agency Code: DTSC
Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL
Site Type Code: VCP
Site Type: VOLUNTARY CLEANUP PROGRAM
National Priorities List: N
Tier: Not reported
Source Of Funding Code: Not reported
Staff Member: AVALUNDI
Supervisor: Not reported

KENNINGTON LTD. (Continued) 1000366846

Sic Code: 34
Sic Code Definition: MANU - FABRICATED METAL PRODUCTS
Site Mitigation & Brnfds Reuse Prog (SMBR) Code: SA
SMBR Branch: SO CAL - GLENDALE
Regional Water Quality Control Board: LA
RWQCB Definition: LOS ANGELES
Site Access Controlled: Not reported
Listed in Haz Wst & Substnc Sites List (CORTESE): Not reported
Date Hazard Ranked: Not reported
GW Contamination Suspected: C
Of Sources Contributing To Contamination: 0
Lat/Long: 0°0'0" / 0°0'0"
Direction Lat: Not reported
Direction Long: Not reported
Lat/Long Method: Not reported
Entity Lat/Long Coordinates Refer To: Not reported
State Assembly Dist Code: 45
State Senate Dist Code: 22
Identifying Code: CSTAR
ID Value: 300654
Other ID Desc: CALSTARS CODE
Identifying Code: CSTAR
ID Value: 300350
Other ID Desc: CALSTARS CODE
Alternate Name(s): ITT CANNON
Alternate Name(s): KENNINGTON
Address(es): 3209 HUMBOLDT STREET
LOS ANGELES, CA 90031
Background Info: The site is a large warehouse-type building with cement flooring and an adjoining parking lot that is also paved.
The PEA initially performed recommended further investigation. PCBs as high as 24,076 ppm; and TPH and TRPH as high as 73,050 ppm were identified. The final Remedial Investigation Report has been reviewed and approved by the Department.
Facility Id: 19340739
AIMP Activities Code: 1
DTSC Site Activity Code: SS
Activity Code Def: SITE SCREENING
AIMP Activity Id: Not reported
DI Activity Due For Completion: Not reported
Revised Due Date: Not reported
Date Activity Completed: 05/14/1990
Est # Of Person-years To Complete: 0
Est. Size Of An Activity Code: Not reported
Site Status When Activity Commitment Made: VCP
Status Code Definition: VOLUNTARY CLEANUP PROGRAM
Cubic Yards Of Solids Removed At Completion: 0
Gallons Of Liquid Removed Upon Completion: 0
Cubic Yards Of Solids Treated Upon Completion: 0
Activity Deleted Via Commitment/Completions Screen: Not reported
Facility Id: 19340739
AIMP Activities Code: 2
DTSC Site Activity Code: PEA
Activity Code Def: PRELIMINARY ENDANGERMENT ASSESSMENT
AIMP Activity Id: FA
DI Activity Due For Completion: Not reported

KENNINGTON LTD. (Continued) 1000366946

Reused Due Date :	Not reported
Date Activity Completed :	10191990
Est # Of Person-years To Complete :	0
Est. Size Of An Activity Code :	Not reported
Site Status When Activity Commitment Made :	VCP
Status Code Definition :	VOLUNTARY CLEANUP PROGRAM
Cubic Yards Of Solids Removed At Completion :	0
Gallons Of Liquid Removed Upon Completion :	0
Cubic Yards Of Solids Treated Upon Completion :	0
Activity Deleted Via Commitment Complete Screen :	Not reported
Facility Id :	19340739
AWP Activities Code :	3
DTSC Site Activity Code :	ORDER
Activity Code Def:	WSE, IORSE, FFA, FFSRA, VCA, EA
AWP Activity Id :	VCA
DI Activity Due For Completion :	Not reported
Reused Due Date :	Not reported
Date Activity Completed :	05041993
Est # Of Person-years To Complete :	0
Est. Size Of An Activity Code :	Not reported
Site Status When Activity Commitment Made :	VCP
Status Code Definition :	VOLUNTARY CLEANUP PROGRAM
Cubic Yards Of Solids Removed At Completion :	0
Gallons Of Liquid Removed Upon Completion :	0
Cubic Yards Of Solids Treated Upon Completion :	0
Activity Deleted Via Commitment Complete Screen :	Not reported
Facility Id :	19340739
AWP Activities Code :	4
DTSC Site Activity Code :	SS
Activity Code Def:	SITESCREENING
AWP Activity Id :	NFA
DI Activity Due For Completion :	Not reported
Reused Due Date :	Not reported
Date Activity Completed :	05041993
Est # Of Person-years To Complete :	0
Est. Size Of An Activity Code :	Not reported
Site Status When Activity Commitment Made :	VCP
Status Code Definition :	VOLUNTARY CLEANUP PROGRAM
Cubic Yards Of Solids Removed At Completion :	0
Gallons Of Liquid Removed Upon Completion :	0
Cubic Yards Of Solids Treated Upon Completion :	0
Activity Deleted Via Commitment Complete Screen :	Not reported
Facility Id :	19340739
AWP Activities Code :	5
DTSC Site Activity Code :	ORDER
Activity Code Def:	WSE, IORSE, FFA, FFSRA, VCA, EA
AWP Activity Id :	VCA2
DI Activity Due For Completion :	Not reported
Reused Due Date :	Not reported
Date Activity Completed :	01161996
Est # Of Person-years To Complete :	0
Est. Size Of An Activity Code :	Not reported
Site Status When Activity Commitment Made :	VCP
Status Code Definition :	VOLUNTARY CLEANUP PROGRAM
Cubic Yards Of Solids Removed At Completion :	0
Gallons Of Liquid Removed Upon Completion :	0
Cubic Yards Of Solids Treated Upon Completion :	0

KENNINGTON LTD. (Continued) 1000366946

Activity Deleted Via Commitment Complete Screen :	Not reported
Facility Id :	19340739
AWP Activities Code :	6
DTSC Site Activity Code :	RIFS
Activity Code Def:	REMEDIAL INVESTIGATION W/ FEASIBILITY STUDY
AWP Activity Id :	VCA2
DI Activity Due For Completion :	Not reported
Reused Due Date :	Not reported
Date Activity Completed :	04251997
Est # Of Person-years To Complete :	0
Est. Size Of An Activity Code :	Not reported
Site Status When Activity Commitment Made :	VCP
Status Code Definition :	VOLUNTARY CLEANUP PROGRAM
Cubic Yards Of Solids Removed At Completion :	0
Gallons Of Liquid Removed Upon Completion :	0
Cubic Yards Of Solids Treated Upon Completion :	0
Activity Deleted Via Commitment Complete Screen :	Not reported
Facility Id :	19340739
AWP Activities Code :	7
DTSC Site Activity Code :	ORDER
Activity Code Def:	WSE, IORSE, FFA, FFSRA, VCA, EA
AWP Activity Id :	VCA3
DI Activity Due For Completion :	Not reported
Reused Due Date :	Not reported
Date Activity Completed :	04112001
Est # Of Person-years To Complete :	0
Est. Size Of An Activity Code :	Not reported
Site Status When Activity Commitment Made :	VCP
Status Code Definition :	VOLUNTARY CLEANUP PROGRAM
Cubic Yards Of Solids Removed At Completion :	0
Gallons Of Liquid Removed Upon Completion :	0
Cubic Yards Of Solids Treated Upon Completion :	0
Activity Deleted Via Commitment Complete Screen :	Not reported
Facility Id :	19340739
AWP Activities Code :	9
DTSC Site Activity Code :	ENFFU
Activity Code Def:	ENFORCEMENT FOLLOWUP, AGORDA REFERRAL, ETC.
AWP Activity Id :	STACT
DI Activity Due For Completion :	Not reported
Reused Due Date :	Not reported
Date Activity Completed :	08082000
Est # Of Person-years To Complete :	0
Est. Size Of An Activity Code :	Not reported
Site Status When Activity Commitment Made :	VCP
Status Code Definition :	VOLUNTARY CLEANUP PROGRAM
Cubic Yards Of Solids Removed At Completion :	0
Gallons Of Liquid Removed Upon Completion :	0
Cubic Yards Of Solids Treated Upon Completion :	0
Activity Deleted Via Commitment Complete Screen :	Not reported
Facility Id :	19340739
AWP Activities Code :	10
DTSC Site Activity Code :	PEA
Activity Code Def:	PRELIMINARY ENDANGERMENT ASSESSMENT
AWP Activity Id :	PASI
DI Activity Due For Completion :	Not reported
Reused Due Date :	Not reported
Date Activity Completed :	05022001

KENNINGTON LTD. (Continued) 1000366946

Est # Of Person-years To Complete : 0
Est. Site Of An Activity Code : Not reported
Site Status When Activity Commitment Made : VCP
Status Code Definition : VOLUNTARY CLEANUP PROGRAM
Cubic Yards Of Solids Removed At Completion : 0
Gallons Of Liquid Removed Upon Completion : 0
Cubic Yards Of Solids Treated Upon Completion : 0
Activity Deleted Via Commitment Complete Screen : Not reported
Facility Id : 19340739
AWP Activities Code : 11
DTSC Site Activity Code : RIFS
Activity Code Def: REMEDIAL INVESTIGATION / FEASIBILITY STUDY
AWP Activity Id : Not reported
Dt Activity Due For Completion : Not reported
Revised Due Date : Not reported
Date Activity Completed : 07312003
Est # Of Person-years To Complete : 0
Est. Site Of An Activity Code : Not reported
Site Status When Activity Commitment Made : VCP
Status Code Definition : VOLUNTARY CLEANUP PROGRAM
Cubic Yards Of Solids Removed At Completion : 0
Gallons Of Liquid Removed Upon Completion : 0
Cubic Yards Of Solids Treated Upon Completion : 0
Activity Deleted Via Commitment Complete Screen : Not reported
Facility Id : 19340739
AWP Activities Code : 12
DTSC Site Activity Code : RAP
Activity Code Def: REMEDIAL ACTION PLAN / RECORD OF DECISION
AWP Activity Id : Not reported
Dt Activity Due For Completion : Not reported
Revised Due Date : Not reported
Date Activity Completed : 10082003
Est # Of Person-years To Complete : 0
Est. Site Of An Activity Code : Not reported
Site Status When Activity Commitment Made : VCP
Status Code Definition : VOLUNTARY CLEANUP PROGRAM
Cubic Yards Of Solids Removed At Completion : 0
Gallons Of Liquid Removed Upon Completion : 0
Cubic Yards Of Solids Treated Upon Completion : 0
Activity Deleted Via Commitment Complete Screen : Not reported
Facility Id : 19340739
AWP Activities Code : 13
DTSC Site Activity Code : DES
Activity Code Def: DESIGN
AWP Activity Id : SOIL
Dt Activity Due For Completion : Not reported
Revised Due Date : Not reported
Date Activity Completed : 12052003
Est # Of Person-years To Complete : 0
Est. Site Of An Activity Code : Not reported
Site Status When Activity Commitment Made : VCP
Status Code Definition : VOLUNTARY CLEANUP PROGRAM
Cubic Yards Of Solids Removed At Completion : 0
Gallons Of Liquid Removed Upon Completion : 0
Cubic Yards Of Solids Treated Upon Completion : 0
Activity Deleted Via Commitment Complete Screen : Not reported

Map ID
Direction
Distance
Distance (ft)
Elevation Site

MAP FINDINGS

EDR ID Number
EPA ID Number
Database(s)

KENNINGTON LTD. (Continued) 1000366946

Facility Id : 19340739
AWP Activities Code : 14
DTSC Site Activity Code : RMDL
Activity Code Def: REMEDIAL ACTION (RAP REQUIRED)
AWP Activity Id : SOIL
Dt Activity Due For Completion : 05302005
Revised Due Date : Not reported
Date Activity Completed : 03232005
Est # Of Person-years To Complete : 0
Est. Site Of An Activity Code : Not reported
Site Status When Activity Commitment Made : VCP
Status Code Definition : VOLUNTARY CLEANUP PROGRAM
Cubic Yards Of Solids Removed At Completion : 18000
Gallons Of Liquid Removed Upon Completion : 0
Cubic Yards Of Solids Treated Upon Completion : 0
Activity Deleted Via Commitment Complete Screen : Not reported
Facility Id : 19340739
AWP Activities Code : 15
DTSC Site Activity Code : CERT
Activity Code Def: CERTIFICATION
AWP Activity Id : SOIL
Dt Activity Due For Completion : 05302005
Revised Due Date : Not reported
Date Activity Completed : Not reported
Est # Of Person-years To Complete : 0
Est. Site Of An Activity Code : Not reported
Site Status When Activity Commitment Made : VCP
Status Code Definition : VOLUNTARY CLEANUP PROGRAM
Cubic Yards Of Solids Removed At Completion : 0
Gallons Of Liquid Removed Upon Completion : 0
Cubic Yards Of Solids Treated Upon Completion : 0
Activity Deleted Via Commitment Complete Screen : Not reported
Facility Id : 19340739
AWP Activities Code : 16
DTSC Site Activity Code : CEQA
Activity Code Def: CEQA INCLUDING NEGATIVE DECS
AWP Activity Id : Not reported
Dt Activity Due For Completion : Not reported
Revised Due Date : Not reported
Date Activity Completed : 10082003
Est # Of Person-years To Complete : 0
Est. Site Of An Activity Code : Not reported
Site Status When Activity Commitment Made : VCP
Status Code Definition : VOLUNTARY CLEANUP PROGRAM
Cubic Yards Of Solids Removed At Completion : 0
Gallons Of Liquid Removed Upon Completion : 0
Cubic Yards Of Solids Treated Upon Completion : 0
Activity Deleted Via Commitment Complete Screen : Not reported
Special Program Code : Not reported
Special Program : Not reported
Comments Date : 01052005
Comments : Groundwater monitoring Plan objective is to update the groundwater monitoring plan originally proposed in the RAP and RAD to describe the groundwater monitoring that will be performed for two years after the completion of soil excavation. The monitoring plan was changed due to the greater amount and

KENNINGTON LTD. (Continued) 1000366946

extent of excavation and removal of TCE and PCE impacted soil to below the capillary fringe and into groundwater. Operation and maintenance Plan (OMP). The purpose of this OMP is to identify soil and groundwater activities that need to be followed and maintained in order to protect human health and the environment. Other activities outlined in this OMP include maintaining a fence and erosion control until the site is sold and developed.
Meeting held with RP's to discuss issue raised at 12/3/96. RPs given opportunity to provide additional information prior to DTSC issuing final determinations.
Not reported
AN AMENDED VOLUNTARY CLEANUP AGREEMENT WAS SIGNED BY THE PROJECT PROPONENTS AND THE DEPARTMENT OF TOXIC SUBSTANCES CONTROL FOR A REMEDIAL INVESTIGATION.
DTSC approved a submitted Work Plan for demolition of the existing buildings on he property.
Not reported
Not reported
An operation maintenance agreement is executed for the implementation of a plan to identify soil and groundwater activities that need to be followed and maintained in order to protect human health and the environment.
Amended VCA includes DTSC review/oversight of data on soil, groundwater and building interiors. Approximately forty (40) documents and reports prepared by ITT and Kenrington consultants regarding historical investigations for the site are scheduled to be reviewed as part of the Remedial Investigation.
An operation maintenance agreement is executed for the implementation of a plan to identify soil and groundwater activities that need to be followed and maintained in order to protect human health and the environment.
The soil remedial action involved the excavation to +5 feet below ground surface, and offsite disposal of approximately 18,000 cubic yards of soil impacted with PCB's, PCE, TCE and lead.
Final Soil Remedial Action Implementation Report. The soil remedial action involved the excavation to +5 feet below ground surface, and offsite disposal of approximately 18,000 cubic yards of soil impacted with PCB's, PCE, TCE, and lead.
Kennington's consultant submitted a new site specific Health & Safety Plan regarding building demolition and asbestos abatement.
Not reported
DTSC signed the Voluntary Cleanup Agreement (VCA). VCA was signed on 4/11/01. Purpose of VCA is for ITT Cannon to complete the Site Investigation, and prepare and implement a Removal Action Workplan.
Meeting held with RPs to discuss DTSC's preliminary determination regarding the building interior.
Not reported
A VOLUNTARY CLEAN-UP AGREEMENT WAS SIGNED BY THE RPS AND DTSC. PER THE AGREEMENT THE RPS WOULD PAY IN ADVANCE TO HAVE DTSC REVIEW AND COMMENT ON THE RPS SITE CHARACTERIZATION REPORT. WALK-IN PROGRAM PROJECT.

KENNINGTON LTD. (Continued) 1000366946

An RI review was completed to evaluate the completeness of past investigations in characterizing the nature and extent of soil, groundwater and building interior surfaces contamination. Hazardous substances currently present include TPH, PCBs, PCDDs, PCDFs, VOC, metals, VOCs. Final determination: Further investigation necessary.
DTSC approved Phase two of the demolition workplan to remove the existing concrete foundation of he buildings.
Not reported
Not reported
DTSC COMPLETED REVIEW OF SITE CHARACTERIZATION REPORT AND SUBMITS COMMENTS AND RECOMMENDATIONS TO THE RPS. THEY ARE AS FOLLOWS:1) DTSC CONCURS THAT BASED ON THE BUILDINGS ENGINEERING CERTIFICATE OF THE CONCRETE FLOOR AND THE PRESENT USE OF THE SITE, AS LONG AS THE FLOORING STAYS INTACT THERE SHOULD BE NO SIGNIFICANT HEALTH RISKS TO BLDG. PERSONNEL. IF THE INTEGRITY OF THE CONCRETE FLOORING BECOMES DAMAGED, SO AS TO EXPOSE BLDG. PERSONNEL TO THE CONTAMINATED SOIL IMMEDIATE ACTIONS SHALL BE TAKEN TO CORRECT THE PROBLEM. IF MAINTENANCE IS NEEDED BELOW THE CONCRETE FLOOR (EG. REPAIR OF UTILITY LINES), PERSONNEL CONDUCTING THE WORK SHALL BE NOTIFIED OF THE HAZARDS AND APPROPRIATE PROTECTIVE CLOTHING SHALL BE WORN. IN THE EVENT THAT KENNINGTON, LTD, INC. PROPOSES TO CHANGE OWNERSHIP OR USE OF THE SITE, DTSC BELIEVES THAT FURTHER RESPONSE ACTION IS REQUIRED. DTSC RECOMMENDS THE FURTHER ACTION BE IN THE FORM OF A) REMEDIATION OF THE CONTAMINATED AREA(S), OR B) IMPLEMENTATION OF LAND USE RESTRICTIONS.
SITE SCREENING DONE PRELIMINARY ENDANGERMENT ASSESSMENT (PEA) REQUIRED. SITE WAS USED BY VARIOUS FORMER COMPANIES FROM ELECTRONIC COMPONENT ASSEMBLY TO ANTI POISON MANUFACTURING.
A Preliminary Assessment Report was submitted to U.S. EPA Region IX for review and approval. Sampling is recommended by U.S. EPA.
Negotiations of enforceable agreement with ITT, currently ongoing, for additional oversight.
Remedial Investigation/Feasibility Study completed right on time.
Statement of Facts completed in anticipation of a Consent Decree.
DTSC staff(Hinojosa, Sallocks, Guerre), were deposed by Kennington legal counsel in July/August, regarding its oversight activities.
Not reported
Negotiations of consent order with ITT currently ongoing.
Not reported
Not reported
The Remedial Action Plan (RAP) includes the excavation and disposal of about 5,000 cubic yards of soil contaminated with polychlorinated biphenls (PCBs), volatile organic compounds (TCE and PCE), lead, and groundwater remediation.
Not reported
Based on the analyses and conclusion found in the Special Initial Study, DTSC finds that the project may result in a potentially significant impact on the archaeological resources, thus a Mitigated Negative Declaration was prepared for the

KENNINGTON LTD. (Continued) 1000366846

protect. An archaeologist will monitor the excavation on Site as a mitigation measure to reduce any potential impact to less than significant levels.
O NCO RTESE LIST
PRELIM ASSESS DONE PEA COMPLETED AND FURTHER INVESTIGATIO N IS NEC ESSARY. PCBS FOUND AS HIGH AS 24,076 PPM AND TPH & TRPH AS HIGH AS 73,050 PPM. SITE IS A LARGE WAREHOUSE-TYPE BUILDING WITH CEMENT FLOO RING & AN ADJOINING PARKING LOT WHICH IS ALSO PAVED. WORKPLAN FO R SITE CHARACTERIZA-TIO N APPROVED WITH APPROX 20 SOIL BO R-INGS PRO POSED; 5 O F WHICH WILL BE CON-VERTED INTO GRO UNDWATER MO NITO RING WELLS
Negotiations of consent order currently ongoing.
Not reported
Negotiations consent order currently on hold due to Kennington PRP negotiations/litigations settlement.
Not reported
Meeting held with RP's to discuss DTSC's preliminary determination regarding sites soil and groundwater.
Sometime in 1988, ITT Canon repurchased the Kennigton site and became the new owner of the site. On 12/18/98, DTSC and ITT had a meeting to discuss entering into a consent agreement with DTSC in order to clean up the site for future development with DTSC's oversight.
Not reported
Not reported
Not reported

CA DEEDS:
Deed Date(s): 03/22/05

HAZNET:
Gepaid: CAL000176662
TSD EPA ID: CAD028409019
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 50040
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Not reported
Contact: KENNINGTON LTD INC
Telephone: (000) 000-0000
Mailing Address: 17701 MITCHELL
IRVINE,CA 92714
County Los Angeles

Gepaid: CAL000176662
TSD EPA ID: CAD028409019
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 145950
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Treatment, Tank
Contact: KENNINGTON LTD INC
Telephone: (000) 000-0000
Mailing Address: 17701 MITCHELL
IRVINE,CA 92714

KENNINGTON LTD. (Continued) 1000366846

County Los Angeles

Gepaid: CAL000176662
TSD EPA ID: NVT330010000
Gen County: Los Angeles
Tsd County: 99
Tons: 51.7500
Waste Category: Contaminated soil from site clean-ups
Disposal Method: Not reported
Contact: KENNINGTON LTD INC
Telephone: (000) 000-0000
Mailing Address: 17701 MITCHELL
IRVINE,CA 92714
County Los Angeles

CORTESE:
Region: CORTESE
Fac Address 2: Not reported

FID:
Facility ID: 19054689 Regulate ID: Not reported
Reg By: Inactive Underground Storage Tank Location
Cortese Code: Not reported SIC Code: Not reported
Status: Inactive Facility Tel: (213) 229-1695
Mail To: Not reported
3339 HUMBOLT ST
LOS ANGELES,CA 90031
Contact: Not reported Contact Tel: Not reported
DUNs No: Not reported NPDES No: Not reported
Creation: 10/22/93 Modified: 00/00/00
EPA ID: Not reported
Comments: Not reported

SWEEPS:
Status: Not reported
Comp Number: 7797
Number: Not reported
Board Of Equalization: Not reported
Ref Date: Not reported
Act Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: Not reported
Actu Date: Not reported
Capacity: Not reported
Tank Use: Not reported
Stg: Not reported
Content: Not reported
Number Of Tanks: 0

18 UNGER FABRIK FINDS 1000404677
WSW 8226 LACY ST HAZNET 110008622880
1/4-1/2 LOS ANGELES, CA 90031 LUST
1660 ft. Cortese

Relative: Lower

Actual: 348 ft.

FINDS:
Other Pertinent Environmental Activity Identified at Site:
TOXIC CHEMICAL RELEASE INVENTORY SYSTEM

State LUST:
Cross Street: SAN FERNANDO RD
Qty Leaked: Not reported
Case Number 900310007
Reg Board: Los Angeles Region
Chemical: Gasoline
Lead Agency: Local Agency
Local Agency: 19050
Case Type: Soil only
Status: Case Closed
Review Date: Not reported — Confirm Leak: Not reported
Workplan: Not reported — Prelim Assess: Not reported
Pollution Char: Not reported — Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 1996-11-01 00:00:00
Release Date: 1996-07-13 00:00:00
Cleanup Fund Id: Not reported
Discover Date: 1996-07-13 00:00:00
Enforcement Dt: Not reported
Enf Type: Not reported
Enter Date: 1996-10-15 00:00:00
Funding: Not reported
Staff Initials: PEJ
How Discovered: Tank Closure
How Stopped: Not reported
Interim: Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date: Not reported
Max MTBE GW: Not reported
MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Priority: Not reported
Local Case #: Not reported
Beneficial: Not reported
Staff: UNK
GW Qualifier: Not reported
Max MTBE Soil: Not reported
Soil Qualifier: Not reported
Hydr Basin #: SAN FERNANDO VALLEY
Operator: Not reported
Oversight Prgm: LUST
Review Date: 1996-03-05 00:00:00
Stop Date: 1996-07-13 00:00:00
Work Suspended: Not reported
Responsible Party: FISCHBACH PROPERTIES
RP Address: 2700 S ZUNI ST, ENGLEWOOD CO 80110
Global Id: T0603700801
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0

UNGER FABRIK (Continued) 1000404677

Mile Fuel: 1
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: Not reported

LUST Region 4:
Report Date: 7/13/1996
Lead Agency: Local Agency
Local Agency: 19050
Substance: Gasoline
Case Type: Soil
Status: Case Closed
Region: 4
Staff UNK
Date Case Last Changed on Database: 3/5/1996
Date Leak Record Entered: 10/15/1996
Historical Max MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Hist Max MTBE Concin Groundwater: Not reported
Hist Max MTBE Concin Soil: Not reported
County: Los Angeles
Organization: Not reported
Regional Board: 04
Owner Contact: Not reported
Responsible Party: FISCHBACH PROPERTIES
RP Address: 2700 S ZUNI ST, ENGLEWOOD CO 80110
Significant Interim Remedial Action Taken: Not reported
Program: LUST
Lat / Long: 34.033994 / -1
Local Agency Staff: PEJ
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Local Case No: Not reported
Substance Quantity: Not reported
Abatement Method Used at the Site: Not reported
Operator: Not reported
Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): 7458.74135071706367271033994+43
Assigned Name: Not reported
WI Global ID: Not reported
Source of Cleanup Funding: Not reported
Date the Leak was Discovered: 7/13/1996
How the Leak was Discovered: Tank Closure
How the Leak was Stopped: Not reported
Cause of Leak: Not reported
Leak Source: Not reported
Date The Leak was Stopped: 7/13/1996
Date Confirmation Leak Began: Not reported
Preliminary Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported

UNGER FABRIK (Continued) 1000404677

Remediation Plan Submitted: Not reported
Remedial Action Underway: Not reported
Post Remedial Action/Monitoring Began: Not reported
Date the Case was Closed: 11/1/1995
Enforcement Action Date: Not reported
Date Leak First Reported: 7/13/1995
Enforcement Type: Not reported
Global ID: T0603700301
Cross Street: SAN FERNANDO RD
Summary:

HAZNET:
Gepaid: CAD133111419
TSD EPA ID: CAD059452708
Gen County: Los Angeles
Tsd County: D
Tons: .3953
Waste Category: Tank bottom waste
Disposal Method: Not reported
Contact: FISCHBACH CORP
Telephone: (000) 000-0000
Mailing Address: 3225 LACY ST
LOS ANGELES,CA 90031 - 1857
County Los Angeles

Gepaid: CAD133111419
TSD EPA ID: CAD059452708
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .3953
Waste Category: Tank bottom waste
Disposal Method: Recycler
Contact: FISCHBACH CORP
Telephone: (000) 000-0000
Mailing Address: 3225 LACY ST
LOS ANGELES,CA 90031 - 1857
County Los Angeles

Gepaid: CAD133111419
TSD EPA ID: CAD059452708
Gen County: Los Angeles
Tsd County: D
Tons: .5938
Waste Category: Tank bottom waste
Disposal Method: Recycler
Contact: FISCHBACH CORP
Telephone: (000) 000-0000
Mailing Address: 3225 LACY ST
LOS ANGELES,CA 90031 - 1857
County Los Angeles

UNGER FABRIK (Continued) 1000404677

Gepaid: CAD133111419
TSD EPA ID: CAD059452708
Gen County: Los Angeles
Tsd County: D
Tons: .2253
Waste Category: Tank bottom waste
Disposal Method: Not reported
Contact: FISCHBACH CORP
Telephone: (000) 000-0000
Mailing Address: 3225 LACY ST
LOS ANGELES,CA 90031 - 1857
County Los Angeles

Gepaid: CAD133111419
TSD EPA ID: CAT080013352
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .3544
Waste Category: Unspecified oil-containing waste
Disposal Method: Recycler
Contact: FISCHBACH CORP
Telephone: (000) 000-0000
Mailing Address: 3225 LACY ST
LOS ANGELES,CA 90031 - 1857
County Los Angeles

Click this hyperlink while viewing on your computer to access
2 additional CA HAZNET record(s) in the EDR Site Report.

CORTESE:
Region: CORTESE
Fac Address 2: 3225 LACY ST

---

20 LINCOLN HEIGHTS SERVICE DPW LUST S103231903
SW 3101 ARTESIAN ST N/A
1/4-1/2 MONTECITO HEIGHTS, CA 90031
1788 ft.

Relative: Lower

Actual: 367 ft.

State LUST:
Cross Street: Not reported
Q ty Leaked: Not reported
Case Number 900310161
Reg Board: Los Angeles Region
Chemical: Hydrocarbons
Lead Agency: Regional Board
Local Agency: 19050
Case Type: Other ground water affected
Status: Case Closed
Review Date: Not reported
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 1997-12-19 00:00:00
Release Date: 1991-03-26 00:00:00
Cleanup Fund Id: Not reported
Discover Date: Not reported
Enforcement Dt: Not reported
Enf Type: Not reported
Confirm Leak: Not reported
Prelim Assess: Not reported
Remed Plan: Not reported

LINCOLN HEIGHTS SERVICE DPW (Continued) S103231903

Enter Date : 1991-03-28 00:00:00
Funding : Not reported
Staff Initials : PEJ
How Discovered : Not reported
How Stopped : Not reported
Interim : Not reported
Leak Cause : UNK
Leak Source : UNK
MTBE Date : 1995-01-01 00:00:00
Max MTBE GW : ND Parts per Billion
MTBE Tested : MTBE Detected. Site tested for MTBE & MTBE detected
Priority : Not reported
Local Case # : Not reported
Beneficial : Not reported
Staff : AT
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifer : Not reported
Hydr Basin # : SAN FERNANDO VALLEY
Operator : OLD CASE #04-1091-02
Oversight Prgm : LUST
Review Date : 1997-09-03 00:00:00
Stop Date : Not reported
Work Suspended : Not reported
Responsible Party : CITY OF LOS ANGELES DPW
RP Address : P.O. BOX 51111, LOS ANGELES, CA 90051-0100
Global Id : T0603700797
Org. Name : Not reported
Contact Person : Not reported
MTBE Conc : 1
Mtbe Fuel : 0
Water System Name : Not reported
Well Name : Not reported
Distance To Lust : 0
Waste Discharge Global ID : Not reported
Waste Discharge Assigned Name : Not reported
Summary : 10-25-91 LEAK REPORT/WAS FILED. 07/07/97 2ND QTR 1997 GW/MON. RPT. 09/03/97 REQUEST FOR CASE CLOSURE

LUST Region 4:
Report Date : 3/26/1991
Lead Agency : Regional Board
Local Agency : 19050
Substance : Hydrocarbons
Case Type : Groundwater
Status : Case Closed
Region : 4
Staff : AT
Date Case Last Changed on Database : 9/3/1997
Date Leak Record Entered : 3/28/1991
Historical Max MTBE Date : Not reported
GW Qualifier : Not reported
Soil Qualifer : Not reported
Hist Max MTBE Conc in Groundwater : Not reported
Hist Max MTBE Conc in Soil : Not reported
County : Los Angeles
Organization : Not reported

LINCOLN HEIGHTS SERVICE DPW (Continued) S103231903

Regional Board: 04
Owner Contact: Not reported
Responsible Party: CITY OF LOS ANGELES DPW
RP Address: P.O. BOX 51111, LOS ANGELES, CA 90051-0100
Significant Interim Remedial Action Taken: Not reported
Program: LUST
Lat / Long: 34.083634 / -1
Local Agency Staff: PEJ
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Local Case No: Not reported
Substance Quantity: Not reported
Abatement Method Used at the Site: Not reported
Operator: OLD CASE #04-1091-02
Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): 5224.526230528142600402611963
Assigned Name: Not reported
WI Global ID: Not reported
Source of Cleanup Funding: Not reported
Date the Leak was Discovered: Not reported
How the Leak was Discovered: Not reported
How the Leak was Stopped: Not reported
Cause of Leak: UNK
Leak Source: UNK
Date The Leak was Stopped: Not reported
Date Confirmation Leak Began: Not reported
Preliminary Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: 3/26/1991
Remediation Plan Submitted: Not reported
Remedial Action Underway: Not reported
Post Remedial Action Monitoring Began: Not reported
Date the Case was Closed: 12/19/1997
Enforcement Action Date: Not reported
Date Leak First Reported: 3/26/1991
Enforcement Type: Not reported
Global ID: T0603700797
Cross Street: Not reported
Summary: 10-25-91 LEAK REPORT/WAS FILED. 07/07/97 2ND QTR 1997 GW/MON. RPT. 09/03/97 REQUEST FOR CASE CLOSURE

21
SW
1/4-1/2
1818 ft.

NI WEST INCORPORATED
3011 HUMBOLDT STREET
LOS ANGELES, CA 90031

CERCLIS 1000710142
FINDS CAD982867628

Relative:
Lower

Actual:
381 ft.

CERCLIS Classification Data:
Federal Facility: Not a Federal Facility
Non NPL Status: FAO ngoing
NPL Status: Not on the NPL
Contact: Betsy Curnow Contact Tel: (415) 972-3093
Contact Title: Not reported
Contact: Jere Johnson Contact Tel: (415) 972-3094
Contact Title: Not reported

NI WEST INCORPORATED (Continued) 1000710142

CERCLIS Assessment History:
Assessment: DISCOVERY Completed: 01/25/1983
CERCLIS Site Status:
Not reported

FINDS:
Other Pertinent Environmental Activity Identified at Site:
COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION AND INFORMATION SYSTEM

---

22 LINCOLN HEIGHTS SERVICED Cortese S104168633
BW 3101 ARTESIAN N/A
1/4-1/2 LOS ANGELES, CA 90031
2286 ft.

Relative: CORTESE:
Lower Region: CORTESE
Fac Address 2: Not reported

Actual:
268 ft.

---

23 BILL'S AUTOMOTIVE#1 LUST S101617327
SSW 100 EAVENUE 23 CA FID UST N/A
1/4-1/2 LOS ANGELES, CA 90031 SWEEPS UST
2429 ft.

Relative: State LUST:
Higher Cross Street: PASADENA AVE & WIDEMAN ST
Q ty Leaked: Not reported
Actual: Case Number 900310089
278 ft. Reg Board: Los Angeles Region
Chemical: Gasoline
Lead Agency: Regional Board
Local Agency: 19050
Case Type: Other ground water affected
Status: Case Closed
Review Date: 1991-07-05 00:00:00 Confirm Leak: 1991-07-05 00:00:00
Workplan: 1992-01-27 00:00:00 Prelim Assess: 1992-01-27 00:00:00
Pollution Char: Not reported Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 1997-07-23 00:00:00
Release Date: 1995-11-10 00:00:00
Cleanup Fund Id: Not reported
Discover Date: 1991-07-31 00:00:00
Enforcement Dt: Not reported
Enf Type: Not reported
Enter Date: 1995-12-11 00:00:00
Funding: Not reported
Staff Initials: PEJ
How Discovered: Tank Closure
How Stopped: Not reported
Interim: Not reported
Leak Cause: UNK
Leak Source: UNK
MTBE Date: 1995-01-01 00:00:00
Max MTBE GW: 3.2 Parts per Billion
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
Priority: Not reported

BILL'S AUTOMOTIVE#1 (Continued) S101617327

Local Case #: Not reported
Beneficial: Not reported
Staff: AS
GW Qualifier: Not reported
Max MTBE Soil: 2.5 Parts per Million
Soil Qualifier: Not reported
Hydr Basin #: SAN FERNANDO VALLEY
Operator: Not reported
Oversight Prgm: LUST
Review Date: 1998-06-20 00:00:00
Stop Date: 1991-07-31 00:00:00
Work Suspended: Not reported
Responsible Party: BILL'S AUTOMOTIVE
RP Address: 1795 SPRING ST N, LOS ANGELES 90031
Global Id: T0603700759
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 2
MTBE Fuel: 1
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Dish Assigned Name: Not reported
Summary: GRNDWTR TPH-G 130PPB; BETX 7.2/27/1.4/23PPB TWO DISTINCT PLUMES IN SOIL, GASO & OIL-HYDRAULIC O R/WASTE OIL, NO DIESELS/1697 - SITE ASSESSMENT RPT 09/20/96 - WELL ABANDONMENT, UST CLOSURE

LUST Region 4:
Report Date: 11/10/1995
Lead Agency: Regional Board
Local Agency: 19050
Substance: Gasoline
Case Type: Groundwater
Status: Case Closed
Region: 4
Staff AS
Date Case Last Changed on Database: 6/20/1996
Date Leak Record Entered: 12/1/1995
Historical Max MTBE Date: 1/1/1995
GW Qualifier: Not reported
Soil Qualifier: Not reported
Hist Max MTBE Concin Groundwater: 3.2
Hist Max MTBE Concin Soil: 2.5
County: Los Angeles
Organization: Not reported
Regional Board: 04
Owner Contact: Not reported
Responsible Party: BILL'S AUTOMOTIVE
RP Address: 1795 SPRING ST N, LOS ANGELES 90031
Significant Interim Remedial Action Taken: Not reported
Program: LUST
Lat / Long: 34.079 1795 / -1
Local Agency Staff: PEJ
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported

BILL'S AUTOMOTIVE#1 (Continued) 810161827

Suspended : Not reported
Local Case No : Not reported
Substance Quantity : Not reported
Abatement Method Used at the Site: Not reported
Operator : Not reported
Water System : Not reported
Well Name : Not reported
Approx. Dist To Production Well (ft) : 9404.33343737345495520314259041
Assigned Name : Not reported
LW Global ID : Not reported
Source of Cleanup Funding: Not reported
Date the Leak was Discovered: 7/31/1991
How the Leak was Discovered: Tank Closure
How the Leak was Stopped: Not reported
Cause of Leak: UNK
Leak Source: UNK
Date The Leak was Stopped: 7/31/1991
Date Confirmation Leak Began: 7/5/1991
Preliminary Site Assessment Workplan Submitted: 12/5/1991
Preliminary Site Assessment Began: 1/27/1992
Pollution Characterization Began: 6/19/1997
Remediation Plan Submitted: Not reported
Remedial Action Underway: Not reported
Post Remedial Action Monitoring Began: Not reported
Date the Case was Closed: 7/23/1997
Enforcement Action Date: Not reported
Date Leak First Reported: 11/10/1995
Enforcement Type: Not reported
Global ID : T0603700739
Cross Street: PASADENA AVE S/W/O RINNAN ST
Summary : GRNDWTR TPH-G 130PPB; BTEX 7.2/27/1.4/23PPB TWO DISTINCT PLUMES IN SOIL, GASO & OIL-HYDRAULIC OR WASTE OIL, NO DIESELS/1997 - SITE ASSESSMENT RPT 05/20/98 - WELL ABANDONMENT, UST CLOSURE

FID:
Facility ID: 15043314 Regulate ID: 00045621
Reg By: Inactive Underground Storage Tank Location
Comtese Code: Not reported SIC Code: Not reported
Status: Inactive Facility Tel: (213) 222-2419
Mail To: Not reported
100 EAVENUE 28
LOS ANGELES,CA 90031
Contact: Not reported Contact Tel: Not reported
DUNs No: Not reported NPDES No: Not reported
Creation: 10/22/93 Modified: 00/00/00
EPA ID: Not reported
Comments: Not reported

SWEEPS:
Status : Not reported
Comp Number : 2739
Number : Not reported
Board Of Equalization : ++D12481
Ref Date : Not reported
Act Date : Not reported
Created Date : Not reported
Tank Status : Not reported

BILL'S AUTOMOTIVE#1 (Continued) 810161827

Owner Tank Id : Not reported
Swrcb Tank Id : 19-000-002739-000001
Actv Date : Not reported
Capacity : 5000
Tank Use : M.V. FUEL
Stg : PRODUCT
Content : REG UNLEADED
Number Of Tanks : 4

Status : Not reported
Comp Number : 2739
Number : Not reported
Board Of Equalization : ++D12481
Ref Date : Not reported
Act Date : Not reported
Created Date : Not reported
Tank Status : Not reported
Owner Tank Id : Not reported
Swrcb Tank Id : 19-000-002739-000002
Actv Date : Not reported
Capacity : 5000
Tank Use : M.V. FUEL
Stg : PRODUCT
Content : REG UNLEADED
Number Of Tanks : Not reported

Status : Not reported
Comp Number : 2739
Number : Not reported
Board Of Equalization : ++D12481
Ref Date : Not reported
Act Date : Not reported
Created Date : Not reported
Tank Status : Not reported
Owner Tank Id : Not reported
Swrcb Tank Id : 19-000-002739-000003
Actv Date : Not reported
Capacity : 7000
Tank Use : M.V. FUEL
Stg : PRODUCT
Content : REG UNLEADED
Number Of Tanks : Not reported

Status : Not reported
Comp Number : 2739
Number : Not reported
Board Of Equalization : ++D12481
Ref Date : Not reported
Act Date : Not reported
Created Date : Not reported
Tank Status : Not reported
Owner Tank Id : Not reported
Swrcb Tank Id : 19-000-002739-000004
Actv Date : Not reported
Capacity : 200
Tank Use : OIL
Stg : WASTE

Map ID / Direction / Distance / Distance (ft) / Elevation | Site | Database(s) | EDR ID Number / EPA ID Number

BILL'S AUTOMOTIVE#1 (Continued) — B101617827

Content: WASTE OIL
Number Of Tanks: Not reported

24
WSW
1/4-1/2
2633 ft.

LACY ST REET DUMP-LOS ANGELES — VAHIST, VAWUDS — B103441448
400 28TH AVENUE — N/A
LOS ANGELES, CA

Relative: Lower

Actual: 347 ft.

VAWUDS:

Region:	4
Date of Last Facility Edit:	Not reported
Last Facility Editors:	Not reported
Waste Discharge System ID:	4 19016GN UR
Solid Waste Information ID:	Not reported
Waste Discharge System:	False
Solid Waste Assessment Test Program:	True
Facility Name:	Not reported
Toxic Pits Cleanup Act Program:	False
Resource Conservation Recovery Act Program:	False
Department of Defense:	False
Open to Public:	False
Number of VAWUDS at Facility:	1
Facility Telephone:	Not reported
Primary Standard Industrial Classification:	Not reported
Secondary Standard Industrial Classification:	Not reported
Solid Waste Assessment Test Program Name:	Not reported
NPID:	Not reported
Tonnage:	0
Regional Board ID:	Not reported
Municipal Solid Waste:	False
Superorder:	False
Sub Chapter 15:	False
Reg. Board Project Officer:	LT
Section Range:	Not reported
RCRA Facility:	Not reported
Waste Discharge Requirements:	Not reported
Base Meridian:	Not reported
Waste Use:	False
Facility Description:	Not reported
Self-Monitoring Rept. Frequency:	Not reported

Threat to Water Quality: Not reported

Agency:	Not reported
Address:	Not reported
Department:	Not reported
Contact:	Not reported
Telephone:	Not reported
Landowner:	Not reported
Address:	CA
Telephone:	Not reported
Contact:	Not reported

Map ID / Direction / Distance / Distance (ft) / Elevation | Site | Database(s) | EDR ID Number / EPA ID Number

26
West
1/2-1
3382 ft.

28TH AND DELL AVENUES — Notify 65 — B100173628
VENICE — N/A
LOS ANGELES, CA

Relative: Lower

Actual: 343 ft.

NOTIFY 65:

Date Reported:	Not reported	Staff Initials: Not reported
Board File Number:	Not reported	
Facility Type:	Not reported	
Discharge Date:	Not reported	
Incident Description:	Not Reported	

MAP FINDINGS - EDR PROPRIETARY HISTORICAL DATABASES

YEAR	NAME	ADDRESS	CITY	ST	DIR	DIST.	ELEV.	TYPE

Cort Gas Site Search: No sites were found in Search of Real Property Survey CHEROKEE database.

EDR Historical Gas Stations & Dry Cleaner Search: No supplemental sites were found in EDR's search of the EDR Historical Gas Station & Dry Cleaner Database within 0.250 mile of the Target Property.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
LINCOLN HEIGHTS	68703644	CITY OF L.A.-GENERAL SERVICES	552 SAN FERNANDO RD	90031	FINDS
LOS ANGELES	51668146	LA CITY, DEPT OF GEN SERVICES	416 N AV 19	90031	ENF
LOS ANGELES	68687455	BARON MFG	241 AVE 26	90031	CERC-NFRAP
LOS ANGELES	51614762	BARON MANUFACTURING	241 AVENUE 26	90031	RCRA-SQG, FINDS, ENF
LOS ANGELES	51654278	COMMERCIAL INDUSTRIAL	252 AVENUE 21	90031	CA FID UST, SWEEPS UST
LOS ANGELES	51654738	MANGES AUTO REPAIR	151 N AVENUE 19	90031	CA FID UST, SWEEPS UST
LOS ANGELES	51654810	BRENT METALS PROPERTIES, IC	252 7TH AVENUE 213 AVE	90031	CA FID UST, SWEEPS UST
LOS ANGELES	51655267	BLUE LINE - AVE 26 STATION	366 AVENUE 26	90031	SLIC
LOS ANGELES	51661954	THE E.D. HALCHE CORP.	366 AVENUE 26	90031	SLIC
LOS ANGELES	51661709	THE E.D. HALCHE CORPORATION	366-368 AVENUE 26		SLIC
LOS ANGELES	51666156	METROLINE PASADENA BLUE LINE	BETWEEN AVENUE 33 & FRENCH AVENUE	90065	ENF
LOS ANGELES	51647549	SLOVONIAN PICNIC AREA	627 BUENA VISTA AVENUE		YH-RID 565747
LOS ANGELES	68682161	NORTHROP CORP AIRCRAFT DIV	3901 DEL AMO ST	90032	RCRA-SQG, FINDS, RCRA-TSDF, CORRACTS, CERC-NFRAP
LOS ANGELES	68682466	LA CITY, DEPT OF GEN SERVICES	2130 CITRUS PLACE 2 ac	90031	FINDS, ENF
LOS ANGELES	51666 2239	NORCAL VEST SERVICES INC	344 E HERRY ST & 354		CA WDS
LOS ANGELES	51654784	76 STATION #0457	2254 PASADENA CA ST. h.	90065	UST
LOS ANGELES	51661 161	PE DERATED CORPORATED SERVICES	3466 - 3470 N. MISSION RD	90031	ENF
LOS ANGELES	51661 7229	CITY FORD COMPANY, INC CRP CTA-TE	4666 PASADENA AVE	90031	CA FID UST, SWEEPS UST
LOS ANGELES	U004561269	CITY FORD COMPANY, INC	4666 PASADENA AVE	90031	HIST UST
LOS ANGELES	51661 4649	LA CITY, DEPT OF GEN SERVICES	454 N SAN PEDRO ST		ENF
LOS ANGELES	68741 263	CROWN COACH SITE	SANTA FE AVENUE AND WASHINGTON BLVD.		US BROWNFIELDS
LOS ANGELES	51666 3417	THOUSAND OAKS COUNTY 662	11166 SANTA MONICA BL. STE. 166		SWRLF

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Elapsed ASTM days: Provides confirmation that this EDR report meets or exceeds the 90-day updating requirement of the ASTM standard.

FEDERAL ASTM STANDARD RECORDS

NPL: National Priority List
Source: EPA
Telephone: N/A
National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 07/01/05
Date Made Active at EDR: 08/22/05
Database Release Frequency: Quarterly
Date of Data Arrival at EDR: 08/03/05
Elapsed ASTM days: 19
Date of Last EDR Contact: 08/03/05

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone: 617-918-1143
EPA Region 6
Telephone: 214-655-6659
EPA Region 3
Telephone: 215-814-5418
EPA Region 8
Telephone: 303-312-6774
EPA Region 4
Telephone: 404-562-8033

Proposed NPL: Proposed National Priority List Sites
Source: EPA
Telephone: N/A

Date of Government Version: 04/27/05
Date Made Active at EDR: 05/16/05
Database Release Frequency: Quarterly
Date of Data Arrival at EDR: 05/04/05
Elapsed ASTM days: 12
Date of Last EDR Contact: 08/05/05

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System
Source: EPA
Telephone: 703-413-0223
CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 05/27/05
Date Made Active at EDR: 08/17/05
Database Release Frequency: Quarterly
Date of Data Arrival at EDR: 07/22/05
Elapsed ASTM days: 35
Date of Last EDR Contact: 07/22/05

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned
Source: EPA
Telephone: 703-413-0223
As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to limit the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/17/05
Date Made Active at EDR: 08/17/05
Database Release Frequency: Quarterly
Date of Data Arrival at EDR: 05/20/05
Elapsed ASTM days: 88
Date of Last EDR Contact: 05/20/05

CORRACTS: Corrective Action Report
Source: EPA
Telephone: 800-424-9346
CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 05/23/05
Date Made Active at EDR: 08/03/05
Database Release Frequency: Quarterly
Date of Data Arrival at EDR: 07/05/05
Elapsed ASTM days: 34
Date of Last EDR Contact: 06/15/05

RCRA: Resource Conservation and Recovery Act Information
Source: EPA
Telephone: 800-424-9346
RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS). The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator off-site to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 05/20/05
Date Made Active at EDR: 08/08/05
Database Release Frequency: Quarterly
Date of Data Arrival at EDR: 05/24/05
Elapsed ASTM days: 76
Date of Last EDR Contact: 08/23/05

ERNS: Emergency Response Notification System
Source: National Response Center, United States Coast Guard
Telephone: 202-260-2342
Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/04
Date Made Active at EDR: 03/24/05
Database Release Frequency: Annually
Date of Data Arrival at EDR: 01/27/05
Elapsed ASTM days: 55
Date of Last EDR Contact: 07/25/05

FEDERAL ASTM SUPPLEMENTAL RECORDS

BRS: Biennial Reporting System
Source: EPA/NTIS
Telephone: 800-424-9346
The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/03
Database Release Frequency: Biennially
Date of Last EDR Contact: 06/17/05
Date of Next Scheduled EDR Contact: 09/12/05

CONSENT: Superfund (CERCLA) Consent Decrees
Source: Department of Justice, Consent Decree Library
Telephone: Varies
Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/14/04 — Date of Last EDR Contact: 07/25/05
Database Release Frequency: Varies — Date of Next Scheduled EDR Contact: 10/24/05

ROD: Records Of Decision
Source: EPA
Telephone: 703-416-0223
Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 06/08/05 — Date of Last EDR Contact: 07/06/05
Database Release Frequency: Annually — Date of Next Scheduled EDR Contact: 10/03/05

DELISTED NPL: National Priority List Deletions
Source: EPA
Telephone: N/A
The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 07/01/05 — Date of Last EDR Contact: 08/03/05
Database Release Frequency: Quarterly — Date of Next Scheduled EDR Contact: 10/31/05

FINDS: Facility Index System/Facility Registry System
Source: EPA
Telephone: (415) 947-8000
Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 07/11/05 — Date of Last EDR Contact: 07/05/05
Database Release Frequency: Quarterly — Date of Next Scheduled EDR Contact: 10/03/05

HMIRS: Hazardous Materials Information Reporting System
Source: U.S. Department of Transportation
Telephone: 202-366-4555
Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 06/27/05 — Date of Last EDR Contact: 07/22/05
Database Release Frequency: Annually — Date of Next Scheduled EDR Contact: 10/17/05

MLTS: Material Licensing Tracking System
Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/14/05 — Date of Last EDR Contact: 07/05/05
Database Release Frequency: Quarterly — Date of Next Scheduled EDR Contact: 10/03/05

MINES: Mines Master Index File
Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 05/13/05 — Date of Last EDR Contact: 06/27/05
Database Release Frequency: Semi-Annually — Date of Next Scheduled EDR Contact: 09/26/05

NPL LIENS: Federal Superfund Liens
Source: EPA
Telephone: 202-564-4267
Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/91 — Date of Last EDR Contact: 08/22/05
Database Release Frequency: No Update Planned — Date of Next Scheduled EDR Contact: 11/21/05

PADS: PCB Activity Database System
Source: EPA
Telephone: 202-564-3887
PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 03/30/05 — Date of Last EDR Contact: 08/25/05
Database Release Frequency: Annually — Date of Next Scheduled EDR Contact: 11/07/05

DOD: Department of Defense Sites
Source: USGS
Telephone: 703-692-8801
This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 10/01/03 — Date of Last EDR Contact: 08/09/05
Database Release Frequency: Semi-Annually — Date of Next Scheduled EDR Contact: 11/07/05

UMTRA: Uranium Mill Tailings Sites
Source: Department of Energy
Telephone: 505-845-0011
Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized. In 1978, 24 inactive uranium mill tailings sites in Oregon, Idaho, Wyoming, Utah, Colorado, New Mexico, Texas, North Dakota, South Dakota, Pennsylvania, and on Navajo and Hopi tribal lands, were targeted for cleanup by the Department of Energy.

Date of Government Version: 12/29/04 — Date of Last EDR Contact: 07/05/05
Database Release Frequency: Varies — Date of Next Scheduled EDR Contact: 09/19/05

ODI: Open Dump Inventory
Source: Environmental Protection Agency
Telephone: 800-424-9346
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/85 — Date of Last EDR Contact: 05/23/95
Database Release Frequency: No Update Planned — Date of Next Scheduled EDR Contact: N/A

FUDS: Formerly Used Defense Sites
Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/04 Date of Last EDR Contact: 06/29/05
Database Release Frequency: Varies Date of Next Scheduled EDR Contact: 10/03/05

INDIAN RESERV: Indian Reservations
Source: USGS
Telephone: 202-208-3710
This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 10/01/03 Date of Last EDR Contact: 08/09/05
Database Release Frequency: Semi-Annually Date of Next Scheduled EDR Contact: 11/07/05

US ENG CONTROLS: Engineering Controls Sites List
Source: Environmental Protection Agency
Telephone: 703-603-8867
A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or affect human health.

Date of Government Version: 01/10/05 Date of Last EDR Contact: 07/05/05
Database Release Frequency: Varies Date of Next Scheduled EDR Contact: 10/03/05

RAATS: RCRA Administrative Action Tracking System
Source: EPA
Telephone: 202-564-4104
RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/95 Date of Last EDR Contact: 06/09/05
Database Release Frequency: No Update Planned Date of Next Scheduled EDR Contact: 09/05/05

TRIS: Toxic Chemical Release Inventory System
Source: EPA
Telephone: 202-566-0250
Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/03 Date of Last EDR Contact: 07/13/05
Database Release Frequency: Annually Date of Next Scheduled EDR Contact: 09/19/05

TSCA: Toxic Substances Control Act
Source: EPA
Telephone: 202-260-5521
Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/02 Date of Last EDR Contact: 07/18/05
Database Release Frequency: Every 4 Years Date of Next Scheduled EDR Contact: 10/17/05

FTTS INSP: FIFRA/TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
Source: EPA
Telephone: 202-566-1667

Date of Government Version: 07/15/05 Date of Last EDR Contact: 09/20/05
Database Release Frequency: Quarterly Date of Next Scheduled EDR Contact: 09/19/05

BRTR: Section 7 Tracking Systems
Source: EPA
Telephone: 202-564-4203
Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/03 Date of Last EDR Contact: 07/18/05
Database Release Frequency: Annually Date of Next Scheduled EDR Contact: 10/17/05

FTTS: FIFRA/TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/15/05 Date of Last EDR Contact: 09/20/05
Database Release Frequency: Quarterly Date of Next Scheduled EDR Contact: 09/19/05

STATE OF CALIFORNIA ASTM STANDARD RECORDS

AWP: Annual Workplan Sites
Source: California Environmental Protection Agency
Telephone: 916-323-3400
Known Hazardous Waste Sites. California DTSC's Annual Workplan (AWP), formerly BEP, identifies known hazardous substance sites targeted for cleanup.

Date of Government Version: 03/03/05 Date of Data Arrival at EDR: 03/29/05
Date Made Active at EDR: 05/12/05 Elapsed ASTM days: 23
Database Release Frequency: Annually Date of Last EDR Contact: 03/29/05

CAL-SITES: Calsites Database
Source: Department of Toxic Substance Control
Telephone: 916-323-3400
The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database.

Date of Government Version: 03/03/05 Date of Data Arrival at EDR: 03/29/05
Date Made Active at EDR: 05/12/05 Elapsed ASTM days: 23
Database Release Frequency: Quarterly Date of Last EDR Contact: 03/29/05

CHMIRS: California Hazardous Material Incident Report System
Source: Office of Emergency Services
Telephone: 916-845-8400
California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 12/31/03 Date of Data Arrival at EDR: 05/18/04
Date Made Active at EDR: 06/25/04 Elapsed ASTM days: 38
Database Release Frequency: Varies Date of Last EDR Contact: 03/23/05

CORTESE: "Cortese" Hazardous Waste & Substances Sites List
Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-9100
The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites). This listing is no longer updated by the state agency.

Date of Government Version: 04/01/01
Date Made Active at EDR: 07/26/01
Database Release Frequency: No Update Planned
Date of Data Arrival at EDR: 05/29/01
Elapsed ASTM days: 58
Date of Last EDR Contact: 07/26/05

NOTIFY 65: Proposition 65 Records
Source: State Water Resources Control Board
Telephone: 916-445-3846
Proposition 65 Notification Records. NOTIFY 65 contains facility notifications about any release which could impact drinking water and thereby expose the public to a potential health risk.

Date of Government Version: 10/21/93
Date Made Active at EDR: 11/19/93
Database Release Frequency: No Update Planned
Date of Data Arrival at EDR: 11/01/93
Elapsed ASTM days: 18
Date of Last EDR Contact: 07/19/05

TOXIC PITS: Toxic Pits Cleanup Act Sites
Source: State Water Resources Control Board
Telephone: 916-227-4364
Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/95
Date Made Active at EDR: 08/28/95
Database Release Frequency: No Update Planned
Date of Data Arrival at EDR: 08/30/95
Elapsed ASTM days: 27
Date of Last EDR Contact: 08/01/05

SWF/LF (SWIS): Solid Waste Information System
Source: Integrated Waste Management Board
Telephone: 916-341-6320
Active, Closed and Inactive Landfills. SWF/LF records typically contain an inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 05/13/05
Date Made Active at EDR: 07/15/05
Database Release Frequency: Quarterly
Date of Data Arrival at EDR: 05/14/05
Elapsed ASTM days: 31
Date of Last EDR Contact: 05/14/05

WMUDS/SWAT: Waste Management Unit Database
Source: State Water Resources Control Board
Telephone: 916-227-4448
Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/00
Date Made Active at EDR: 05/10/00
Database Release Frequency: Quarterly
Date of Data Arrival at EDR: 04/10/00
Elapsed ASTM days: 30
Date of Last EDR Contact: 06/06/05

LUST: Geotracker's Leaking Underground Fuel Tank Report
Source: State Water Resources Control Board
Contact: Los Angeles City Fire Department, (213) 978-3700
Contact: Los Angeles County Public Works, (626) 458-3511
Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 07/11/05
Date Made Active at EDR: 08/03/05
Database Release Frequency: Quarterly
Date of Data Arrival at EDR: 07/12/05
Elapsed ASTM days: 22
Date of Last EDR Contact: 07/12/05

LUST REG 1: Active Toxic Site Investigation
Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-576-2220
Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/01
Date Made Active at EDR: 03/29/01
Database Release Frequency: No Update Planned
Date of Data Arrival at EDR: 02/28/01
Elapsed ASTM days: 29
Date of Last EDR Contact: 08/22/05

LUST REG 2: Fuel Leak List
Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457

Date of Government Version: 09/30/04
Date Made Active at EDR: 11/19/04
Database Release Frequency: Quarterly
Date of Data Arrival at EDR: 10/20/04
Elapsed ASTM days: 30
Date of Last EDR Contact: 07/11/05

LUST REG 3: Leaking Underground Storage Tank Database
Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147

Date of Government Version: 05/15/03
Date Made Active at EDR: 06/02/03
Database Release Frequency: No Update Planned
Date of Data Arrival at EDR: 05/16/03
Elapsed ASTM days: 14
Date of Last EDR Contact: 08/15/05

LUST REG 4: Underground Storage Tank Leak List
Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/04
Date Made Active at EDR: 10/12/04
Database Release Frequency: No Update Planned
Date of Data Arrival at EDR: 09/07/04
Elapsed ASTM days: 35
Date of Last EDR Contact: 06/27/05

LUST REG 5: Leaking Underground Storage Tank Database
Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291

Date of Government Version: 07/01/05
Date Made Active at EDR: 08/01/05
Database Release Frequency: Quarterly
Date of Data Arrival at EDR: 08/02/05
Elapsed ASTM days: 30
Date of Last EDR Contact: 07/08/05

LUST REG 6L: Leaking Underground Storage Tank Case Listing
Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 916-542-5424
For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/03
Date Made Active at EDR: 10/07/03
Database Release Frequency: No Update Planned
Date of Data Arrival at EDR: 09/10/03
Elapsed ASTM days: 27
Date of Last EDR Contact: 06/06/05

LUST REG 6V: Leaking Underground Storage Tank Case Listing
Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-346-7491

Date of Government Version: 06/07/05
Date Made Active at EDR: 06/29/05
Database Release Frequency: No Update Planned
Date of Data Arrival at EDR: 06/07/05
Elapsed ASTM days: 22
Date of Last EDR Contact: 07/08/05

LUST REG 7: Leaking Underground Storage Tank Case Listing
Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-346-7491

Date of Government Version: 02/26/04
Date Made Active at EDR: 03/24/04
Database Release Frequency: No Update Planned
Date of Data Arrival at EDR: 02/26/04
Elapsed ASTM days: 27
Date of Last EDR Contact: 06/27/05

LUST REG 8: Leaking Underground Storage Tanks
Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-4130
California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/05
Date Made Active at EDR: 03/23/05
Database Release Frequency: Varies
Date of Data Arrival at EDR: 02/15/05
Elapsed ASTM days: 41
Date of Last EDR Contact: 08/08/05

LUST REG 9: Leaking Underground Storage Tank Report
Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/01
Date Made Active at EDR: 05/21/01
Database Release Frequency: No Update Planned
Date of Data Arrival at EDR: 04/23/01
Elapsed ASTM days: 28
Date of Last EDR Contact: 07/18/05

CA BOND EXP. PLAN: Bond Expenditure Plan
Source: Department of Health Services
Telephone: 916-255-2118
Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/89
Date Made Active at EDR: 08/03/94
Database Release Frequency: No Update Planned
Date of Data Arrival at EDR: 07/27/94
Elapsed ASTM days: 6
Date of Last EDR Contact: 05/31/94

CA UST:

UST: Active UST Facilities
Source: SWRCB
Contact: Los Angeles City Fire Department, (213) 978-3700
Contact: Los Angeles County Public Works, (626) 458-3511
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 07/11/05
Date Made Active at EDR: 08/11/05
Database Release Frequency: Semi-Annually
Date of Data Arrival at EDR: 07/12/05
Elapsed ASTM days: 30
Date of Last EDR Contact: 07/12/05

VCP: Voluntary Cleanup Program Properties
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have requested that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 03/03/05
Date Made Active at EDR: 05/24/05
Database Release Frequency: Quarterly
Date of Data Arrival at EDR: 03/29/05
Elapsed ASTM days: 23
Date of Last EDR Contact: 03/29/05

INDIAN UST: Underground Storage Tanks on Indian Land
Source: EPA Region 9
Telephone: 415-972-3368

Date of Government Version: 04/13/05
Date Made Active at EDR: 05/31/05
Database Release Frequency: Varies
Date of Data Arrival at EDR: 05/16/05
Elapsed ASTM days: 15
Date of Last EDR Contact: 08/25/05

INDIAN LUST: Leaking Underground Storage Tanks on Indian Land
Source: Environmental Protection Agency
Telephone: 415-972-3372
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 05/02/05
Date Made Active at EDR: 07/01/05
Database Release Frequency: Varies
Date of Data Arrival at EDR: 06/03/05
Elapsed ASTM days: 28
Date of Last EDR Contact: 08/25/05

INDIAN LUST: Leaking Underground Storage Tanks on Indian Land
Source: EPA Region 10
Telephone: 206-553-2857
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 05/14/05
Date Made Active at EDR: 07/15/05
Database Release Frequency: Varies
Date of Data Arrival at EDR: 05/14/05
Elapsed ASTM days: 31
Date of Last EDR Contact: 08/25/05

CA FID UST: Facility Inventory Database
Source: California Environmental Protection Agency
Telephone: 916-341-5851
The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/94
Date Made Active at EDR: 09/29/95
Database Release Frequency: No Update Planned
Date of Data Arrival at EDR: 09/05/95
Elapsed ASTM days: 24
Date of Last EDR Contact: 12/28/98

HIST UST: Hazardous Substance Storage Container Database
Source: State Water Resources Control Board
Telephone: 916-341-5851
The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/90
Date Made Active at EDR: 02/13/91
Database Release Frequency: No Update Planned
Date of Data Arrival at EDR: 01/25/91
Elapsed ASTM days: 18
Date of Last EDR Contact: 07/26/01

SWEEPS UST: SWEEPS UST Listing
Source: State Water Resources Control Board
Telephone: N/A
Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contracted by the SWRCB in the early 1980's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/94
Date Made Active at EDR: 08/11/05
Database Release Frequency: No Update Planned
Date of Data Arrival at EDR: 07/07/05
Elapsed ASTM days: 35
Date of Last EDR Contact: 06/03/05

STATE OF CALIFORNIA ASTM SUPPLEMENTAL RECORDS

AST: Aboveground Petroleum Storage Tank Facilities
Source: State Water Resources Control Board
Telephone: 916-341-5712
Registered Aboveground Storage Tanks.

Date of Government Version: 02/01/05 — Date of Last EDR Contact: 08/16/05
Database Release Frequency: Quarterly — Date of Next Scheduled EDR Contact: 10/31/05

CLEANERS: Cleaner Facilities
Source: Department of Toxic Substance Control
Telephone: 916-327-4498
A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 04/18/05 — Date of Last EDR Contact: 07/05/05
Database Release Frequency: Annually — Date of Next Scheduled EDR Contact: 10/03/05

CA WDS: Waste Discharge System
Source: State Water Resources Control Board
Telephone: 916-341-5227
Sites which have been issued waste discharge requirements.

Date of Government Version: 06/20/05 — Date of Last EDR Contact: 06/27/05
Database Release Frequency: Quarterly — Date of Next Scheduled EDR Contact: 09/19/05

DEED: Deed Restriction Listing
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 08/02/05 — Date of Last EDR Contact: 07/05/05
Database Release Frequency: Semi-Annually — Date of Next Scheduled EDR Contact: 10/03/05

NFA: No Further Action Determination
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
This category contains properties at which DTSC has made a clear determination that the property does not pose a problem to the environment or to public health.

Date of Government Version: 05/04/05 — Date of Last EDR Contact: 06/01/05
Database Release Frequency: Quarterly — Date of Next Scheduled EDR Contact: 09/26/05

EMI: Emissions Inventory Data
Source: California Air Resources Board
Telephone: 916-322-2990
Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/03 — Date of Last EDR Contact: 07/19/05
Database Release Frequency: Varies — Date of Next Scheduled EDR Contact: 10/17/05

WIP: Well Investigation Program Case List
Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/27/05 — Date of Last EDR Contact: 07/25/05
Database Release Frequency: Varies — Date of Next Scheduled EDR Contact: 10/24/05

REF: Unconfirmed Properties Referred to Another Agency
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
This category contains properties where contamination has not been confirmed and which were determined as not requiring direct DTSC Site Mitigation Program action or oversight. Accordingly, these sites have been referred to another state or local regulatory agency.

Date of Government Version: 05/04/05 — Date of Last EDR Contact: 06/01/05
Database Release Frequency: Quarterly — Date of Next Scheduled EDR Contact: 09/26/05

SCH: School Property Evaluation Program
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 05/04/05 — Date of Last EDR Contact: 06/01/05
Database Release Frequency: Quarterly — Date of Next Scheduled EDR Contact: 09/26/05

NFE: Properties Needing Further Evaluation
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
This category contains properties that are suspected of being contaminated. These are unconfirmed contaminated properties that need to be assessed using the PEA process. PEA In Progress indicates properties where DTSC is currently conducting a PEA. PEA Required indicates properties where DTSC has determined a PEA is required, but not currently underway.

Date of Government Version: 08/03/05 — Date of Last EDR Contact: 08/29/05
Database Release Frequency: Quarterly — Date of Next Scheduled EDR Contact: 11/28/05

SLIC: Statewide SLIC Cases
Source: State Water Resources Control Board
Contact: Los Angeles City Fire Department, (213) 978-3700
Contact: Los Angeles County Public Works, (626) 458-3511
The Spills, Leaks, Investigations, and Cleanups (SLIC) listings includes unauthorized discharges from spills and leaks, other than from underground storage tanks or other regulated sites.

Date of Government Version: 07/11/05 — Date of Last EDR Contact: 07/13/05
Database Release Frequency: Varies — Date of Next Scheduled EDR Contact: 10/10/05

SLIC REG 1: Active Toxic Site Investigations
Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220

Date of Government Version: 04/03/03 — Date of Last EDR Contact: 08/23/05
Database Release Frequency: No Update Planned — Date of Next Scheduled EDR Contact: 11/21/05

BLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 09/30/04 — Date of Last EDR Contact: 07/11/05
Database Release Frequency: Quarterly — Date of Next Scheduled EDR Contact: 10/10/05

BLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 09/15/05 — Date of Last EDR Contact: 09/15/05
Database Release Frequency: Semi-Annually — Date of Next Scheduled EDR Contact: 11/14/05

BLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 11/17/04 — Date of Last EDR Contact: 07/25/05
Database Release Frequency: Varies — Date of Next Scheduled EDR Contact: 10/24/05

BLIC REG 6: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Unregulated sites that impact groundwater or have the potential to impact groundwater.

Date of Government Version: 04/01/05 — Date of Last EDR Contact: 07/08/05
Database Release Frequency: Semi-Annually — Date of Next Scheduled EDR Contact: 10/03/05

BLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583

Date of Government Version: 05/24/05 — Date of Last EDR Contact: 07/05/05
Database Release Frequency: Semi-Annually — Date of Next Scheduled EDR Contact: 10/03/05

BLIC REG 8 L: SLIC Sites
Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574

Date of Government Version: 09/07/04 — Date of Last EDR Contact: 06/09/05
Database Release Frequency: No Update Planned — Date of Next Scheduled EDR Contact: 09/05/05

BLIC REG 7: SLIC List
Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491

Date of Government Version: 11/24/04 — Date of Last EDR Contact: 08/22/05
Database Release Frequency: No Update Planned — Date of Next Scheduled EDR Contact: 11/21/05

BLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298

Date of Government Version: 07/01/04 — Date of Last EDR Contact: 07/05/05
Database Release Frequency: Semi-Annually — Date of Next Scheduled EDR Contact: 10/03/05

BLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980

Date of Government Version: 05/27/05 — Date of Last EDR Contact: 05/31/05
Database Release Frequency: Annually — Date of Next Scheduled EDR Contact: 08/29/05

HAZNET: Facility and Manifest Data
Source: California Environmental Protection Agency
Telephone: 916-255-1136
Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method.

Date of Government Version: 12/31/02 — Date of Last EDR Contact: 08/23/05
Database Release Frequency: Annually — Date of Next Scheduled EDR Contact: 11/07/05

LOCAL RECORDS

ALAMEDA COUNTY:

Underground Tanks
Source: Alameda County Environmental Health Services
Telephone: 510-567-6700

Date of Government Version: 05/23/05 — Date of Last EDR Contact: 05/23/05
Database Release Frequency: Semi-Annually — Date of Next Scheduled EDR Contact: 10/24/05

Contaminated Sites
Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 03/16/05 — Date of Last EDR Contact: 07/25/05
Database Release Frequency: Semi-Annually — Date of Next Scheduled EDR Contact: 10/24/05

CONTRA COSTA COUNTY:

Site List
Source: Contra Costa Health Services Department
Telephone: 925-646-2286
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 05/13/05 — Date of Last EDR Contact: 05/13/05
Database Release Frequency: Semi-Annually — Date of Next Scheduled EDR Contact: 08/29/05

FRESNO COUNTY:

CUPA Resources List
Source: Dept. of Community Health
Telephone: 559-445-3271
Certified Unified Program Agency. CUPAs are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 07/22/05
Database Release Frequency: Semi-Annually

Date of Last EDR Contact 07/25/05
Date of Next Scheduled EDR Contact: 11/07/05

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing
Source: Kern County Environmental Health Services Department
Telephone: 661-862-8700
Kern County Sites and Tanks Listing.

Date of Government Version: 05/10/05
Database Release Frequency: Quarterly

Date of Last EDR Contact 05/02/05
Date of Next Scheduled EDR Contact: 08/08/05

LOS ANGELES COUNTY:

List of Solid Waste Facilities
Source: La County Department of Public Works
Telephone: 818-458-5185

Date of Government Version: 02/01/05
Database Release Frequency: Varies

Date of Last EDR Contact 08/18/05
Date of Next Scheduled EDR Contact: 11/14/05

City of El Segundo Underground Storage Tank
Source: City of El Segundo Fire Department
Telephone: 310-524-2236

Date of Government Version: 05/31/05
Database Release Frequency: Semi-Annually

Date of Last EDR Contact 08/15/05
Date of Next Scheduled EDR Contact: 11/14/05

City of Long Beach Underground Storage Tank
Source: City of Long Beach Fire Department
Telephone: 562-570-2563

Date of Government Version: 03/28/03
Database Release Frequency: Annually

Date of Last EDR Contact 08/23/05
Date of Next Scheduled EDR Contact: 11/21/05

City of Torrance Underground Storage Tank
Source: City of Torrance Fire Department
Telephone: 310-618-2973

Date of Government Version: 06/02/05
Database Release Frequency: Semi-Annually

Date of Last EDR Contact 08/15/05
Date of Next Scheduled EDR Contact: 11/14/05

City of Los Angeles Landfills
Source: Engineering & Construction Division
Telephone: 213-473-7869

Date of Government Version: 03/01/05
Database Release Frequency: Varies

Date of Last EDR Contact 09/13/05
Date of Next Scheduled EDR Contact: 09/12/05

HMS: Street Number List
Source: Department of Public Works
Telephone: 626-458-3517
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 04/28/05
Database Release Frequency: Semi-Annually

Date of Last EDR Contact 08/15/05
Date of Next Scheduled EDR Contact: 11/14/05

Site Mitigation List
Source: Community Health Services
Telephone: 323-890-7806
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 05/25/05
Database Release Frequency: Annually

Date of Last EDR Contact 08/15/05
Date of Next Scheduled EDR Contact: 11/14/05

San Gabriel Valley Areas of Concern
Source: EPA Region 9
Telephone: 415-972-3178
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 12/31/98
Database Release Frequency: No Update Planned

Date of Last EDR Contact 07/06/99
Date of Next Scheduled EDR Contact: N/A

MARIN COUNTY:

Underground Storage Tank Sites
Source: Public Works Department Waste Management
Telephone: 415-499-6647
Currently permitted USTs in Marin County.

Date of Government Version: 06/23/05
Database Release Frequency: Semi-Annually

Date of Last EDR Contact 08/01/05
Date of Next Scheduled EDR Contact: 10/31/05

NAPA COUNTY:

Sites With Reported Contamination
Source: Napa County Department of Environmental Management
Telephone: 707-253-4269

Date of Government Version: 06/27/05
Database Release Frequency: Semi-Annually

Date of Last EDR Contact 06/27/05
Date of Next Scheduled EDR Contact: 09/26/05

Closed and Operating Underground Storage Tank Sites
Source: Napa County Department of Environmental Management
Telephone: 707-253-4269

Date of Government Version: 06/27/05
Database Release Frequency: Annually

Date of Last EDR Contact 06/27/05
Date of Next Scheduled EDR Contact: 09/26/05

ORANGE COUNTY:

List of Underground Storage Tank Cleanups
Source: Health Care Agency
Telephone: 714-834-3446
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 06/01/05
Database Release Frequency: Quarterly

Date of Last EDR Contact 08/10/05
Date of Next Scheduled EDR Contact: 09/05/05

List of Underground Storage Tank Facilities
Source: Health Care Agency
Telephone: 714-834-3446
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 06/01/05 Date of Last EDR Contact: 06/10/05
Database Release Frequency: Quarterly Date of Next Scheduled EDR Contact: 09/05/05

List of Industrial Site Cleanups
Source: Health Care Agency
Telephone: 714-834-3446
Petroleum and non-petroleum spills.

Date of Government Version: 06/01/05 Date of Last EDR Contact: 06/10/05
Database Release Frequency: Annually Date of Next Scheduled EDR Contact: 09/05/05

PLACER COUNTY:

Master List of Facilities
Source: Placer County Health and Human Services
Telephone: 530-889-7312
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 09/10/05 Date of Last EDR Contact: 06/27/05
Database Release Frequency: Semi-Annually Date of Next Scheduled EDR Contact: 09/19/05

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites
Source: Department of Public Health
Telephone: 951-358-5055
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/24/05 Date of Last EDR Contact: 07/13/05
Database Release Frequency: Quarterly Date of Next Scheduled EDR Contact: 10/17/05

Underground Storage Tank Tank List
Source: Health Services Agency
Telephone: 951-358-5055

Date of Government Version: 05/24/05 Date of Last EDR Contact: 07/13/05
Database Release Frequency: Quarterly Date of Next Scheduled EDR Contact: 10/17/05

SACRAMENTO COUNTY:

CS - Contaminated Sites
Source: Sacramento County Environmental Management
Telephone: 916-875-8406

Date of Government Version: 04/06/05 Date of Last EDR Contact: 08/26/05
Database Release Frequency: Quarterly Date of Next Scheduled EDR Contact: 10/31/05

ML - Regulatory Compliance Master List
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Any business that has hazardous materials on site - hazardous materials storage sites, underground storage tanks, waste generators.

Date of Government Version: 07/25/05 Date of Last EDR Contact: 08/05/05
Database Release Frequency: Quarterly Date of Next Scheduled EDR Contact: 10/31/05

SAN BERNARDINO COUNTY:

Hazardous Material Permits
Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 05/30/05 Date of Last EDR Contact: 06/06/05
Database Release Frequency: Quarterly Date of Next Scheduled EDR Contact: 09/05/05

SAN DIEGO COUNTY:

Solid Waste Facilities
Source: Department of Health Services
Telephone: 619-338-2209
San Diego County Solid Waste Facilities.

Date of Government Version: 09/01/00 Date of Last EDR Contact: 09/22/05
Database Release Frequency: Varies Date of Next Scheduled EDR Contact: 11/21/05

Hazardous Material Management Division Database
Source: Hazardous Materials Management Division
Telephone: 619-338-2268
The database includes: HE35 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE35 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 05/16/05 Date of Last EDR Contact: 07/08/05
Database Release Frequency: Quarterly Date of Next Scheduled EDR Contact: 10/03/05

SAN FRANCISCO COUNTY:

Local Oversight Facilities
Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920

Date of Government Version: 06/07/05 Date of Last EDR Contact: 06/09/05
Database Release Frequency: Quarterly Date of Next Scheduled EDR Contact: 09/05/05

Underground Storage Tank Information
Source: Department of Public Health
Telephone: 415-252-3920

Date of Government Version: 06/07/05 Date of Last EDR Contact: 06/09/05
Database Release Frequency: Quarterly Date of Next Scheduled EDR Contact: 09/05/05

SAN MATEO COUNTY:

Fuel Leak List
Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921

Date of Government Version: 03/11/05 Date of Last EDR Contact 07/11/05
Database Release Frequency: Semi-Annually Date of Next Scheduled EDR Contact: 10/10/05

Business Inventory
Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 03/17/05 Date of Last EDR Contact 07/11/05
Database Release Frequency: Annually Date of Next Scheduled EDR Contact: 10/10/05

SANTA CLARA COUNTY:

Fuel Leak Site Activity Report
Source: Santa Clara Valley Water District
Telephone: 408-265-2600

Date of Government Version: 03/29/05 Date of Last EDR Contact 06/29/05
Database Release Frequency: Semi-Annually Date of Next Scheduled EDR Contact: 09/26/05

Hazardous Material Facilities
Source: City of San Jose Fire Department
Telephone: 408-277-4659

Date of Government Version: 07/06/05 Date of Last EDR Contact 06/06/05
Database Release Frequency: Annually Date of Next Scheduled EDR Contact: 09/05/05

SOLANO COUNTY:

Leaking Underground Storage Tanks
Source: Solano County Department of Environmental Management
Telephone: 707-784-6770

Date of Government Version: 06/28/05 Date of Last EDR Contact 06/27/05
Database Release Frequency: Quarterly Date of Next Scheduled EDR Contact: 09/12/05

Underground Storage Tanks
Source: Solano County Department of Environmental Management
Telephone: 707-784-6770

Date of Government Version: 06/28/05 Date of Last EDR Contact 06/27/05
Database Release Frequency: Quarterly Date of Next Scheduled EDR Contact: 09/12/05

SONOMA COUNTY:

Leaking Underground Storage Tank Sites
Source: Department of Health Services
Telephone: 707-565-6565

Date of Government Version: 07/01/05 Date of Last EDR Contact 07/25/05
Database Release Frequency: Quarterly Date of Next Scheduled EDR Contact: 10/24/05

BUTTE COUNTY:

Underground Storage Tanks
Source: Butte County Department of Agriculture
Telephone: 530-822-7500

Date of Government Version: 01/25/04 Date of Last EDR Contact 07/18/05
Database Release Frequency: Semi-Annually Date of Next Scheduled EDR Contact: 10/03/05

VENTURA COUNTY:

Inventory of Illegal Abandoned and Inactive Sites
Source: Environmental Health Division
Telephone: 805-654-2813
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 03/01/04 Date of Last EDR Contact 05/23/05
Database Release Frequency: Annually Date of Next Scheduled EDR Contact: 08/22/05

Listing of Underground Tank Cleanup Sites
Source: Environmental Health Division
Telephone: 805-654-2813
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/01/05 Date of Last EDR Contact 06/17/05
Database Release Frequency: Quarterly Date of Next Scheduled EDR Contact: 09/12/05

Underground Tank Closed Sites List
Source: Environmental Health Division
Telephone: 805-654-2813
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 07/05/05 Date of Last EDR Contact 07/15/05
Database Release Frequency: Quarterly Date of Next Scheduled EDR Contact: 10/10/05

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks
Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 05/01/05 Date of Last EDR Contact 06/17/05
Database Release Frequency: Quarterly Date of Next Scheduled EDR Contact: 09/12/05

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report
Source: Yolo County Department of Health
Telephone: 530-666-8646

Date of Government Version: 07/15/05 Date of Last EDR Contact 07/18/05
Database Release Frequency: Annually Date of Next Scheduled EDR Contact: 10/17/05

EDR PROPRIETARY HISTORICAL DATABASES

EDR Historical Gas Station and Dry Cleaners: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner and gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning and gas station/filling station/service station establishments. The categories reviewed included, but were not limited to: *gas, gas station; gasoline station; filling station; auto, automobile repair; auto service station; service station; dry cleaner, cleaners, laundry, laundromat, cleaning/laundry, wash &/or dry, etc.*

This information is meant to assist and complement environmental professionals in their conduct of environmental site assessments, and is not meant to be a substitute for a full Historical Investigation as defined in ASTM E1527. The information provided in this proprietary database may or may not be complete; i.e., the absence of a dry cleaner or gas station/filling station/service station site does not necessarily mean that such a site did not exist in the area covered by this report.

(And on "dry cleaning" sites, it is not possible for EDR to differentiate between establishments that use PERC on-site as a cleaning solvent and sites that function simply as drop-off and pick-up locations or that are traditional "wet cleaning/laundry facilities. Therefore, it is essential for environmental professionals to incorporate professional judgment in the evaluation of each site.)

Former Manufactured Gas (Coal Gas) Sites: The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. ©Copyright 1998 Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative.

Disclaimer Provided by: Real Property Scan, Inc.

The information contained in this report has predominantly been obtained from publicly available sources produced by entities other than Real Property Scan. While reasonable steps have been taken to insure the accuracy of this report, Real Property Scan does not guarantee the accuracy of this report. Any liability on the part of Real Property Scan is strictly limited to a refund of the amount paid. No claim is made for the actual existence of toxins at any site. This report does not constitute a legal opinion.

BROWNFIELDS DATABASE

US BROWNFIELDS: A Listing of Brownfields Sites
Source: Environmental Protection Agency
Telephone: 202-566-2777
Included in the listing are brownfields properties addressed by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments- EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian Tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 01/10/05 — Date of Last EDR Contact: 05/13/05
Database Release Frequency: Semi-Annually — Date of Next Scheduled EDR Contact: 08/12/05

VCP: Voluntary Cleanup Program Properties
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 03/03/05 — Date of Last EDR Contact: 03/29/05
Database Release Frequency: Quarterly — Date of Next Scheduled EDR Contact: 11/28/05

US INST CONTROL: Sites with Institutional Controls
Source: Environmental Protection Agency
Telephone: 703-603-8867
A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 01/10/05 — Date of Last EDR Contact: 07/05/05
Database Release Frequency: Varies — Date of Next Scheduled EDR Contact: 10/03/05

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data
Source: PennWell Corporation
Telephone: (800) 823-6277
This map includes information copyrighted by PennWell Corporation. This information is provided on an 'as is' basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 from the U.S. Fish and Wildlife Service.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STREET AND ADDRESS INFORMATION

© 2004 Geographic Data Technology, Inc., Rel. 07/2004. This product contains proprietary and confidential property of Geographic Data Technology, Inc. Unauthorized use, including copying for other than testing and standard backup procedures, of this product is expressly prohibited.

GEOCHECK®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

AMERIPRIDE SERVICES INC.
3505 PASADENA AVENUE
LOS ANGELES, CA 90031

TARGET PROPERTY COORDINATES

Latitude (North):	34.083800 - 34° 5' 0.9"
Longitude (West):	118.213097 - 118° 12' 47.1"
Universal Transverse Mercator:	Zone 11
UTM X (Meters):	388079.9
UTM Y (Meters):	3772138.8
Elevation:	366 ft. above sea level

EDR's GeoCheck Physical Setting Source Addendum has been developed to assist the environmental professional with the collection of physical setting source information in accordance with ASTM 1527-00, Section 7.2.3. Section 7.2.3 requires that a current USGS 7.5 Minute Topographic Map (or equivalent, such as the USGS Digital Elevation Model) be reviewed. It also requires that one or more additional physical setting sources be sought when (1) conditions have been identified in which hazardous substances or petroleum products are likely to migrate to or from the property, and (2) more information than is provided in the current USGS 7.5 Minute Topographic Map (or equivalent) is generally obtained, pursuant to local good commercial or customary practice, to assess the impact of migration of recognized environmental conditions in connection with the property. Such additional physical setting sources generally include information about the topographic, hydrologic, hydrogeologic, and geologic characteristics of a site, and wells in the area.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata. EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

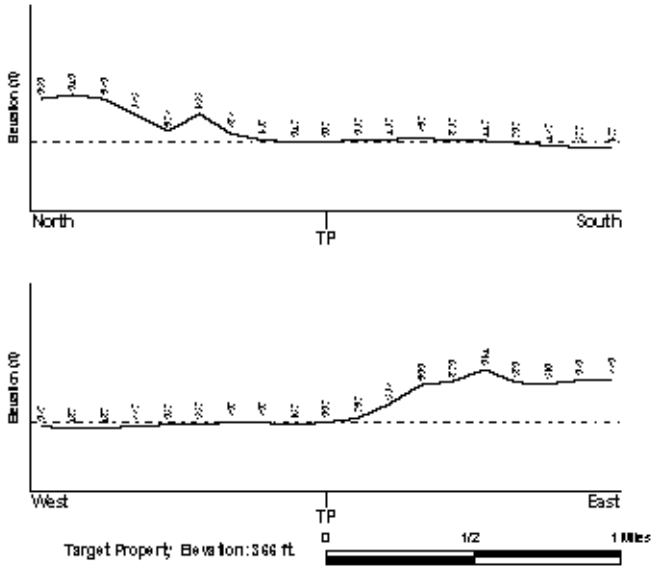
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

USGS Topographic Map:	34118-A2 LOS ANGELES, CA
General Topographic Gradient:	General West
Source:	USGS 7.5 min quad index

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County	FEMA Flood Electronic Data
LOS ANGELES, CA	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property:	0601370066C
Additional Panels in search area:	0601370057C

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
LOS ANGELES	Not Available

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data:*

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
1	1/2 - 1 Mile SSW	Not Reported

For additional site information, refer to Physical Setting Source Map Findings.

* [illegible]

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soils strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

GEOLOGIC AGE IDENTIFICATION

Era: Cenozoic
System: Quaternary
Series: Quaternary
Code: Q *(decoded above as Era, System & Series)*

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: HAMBRIGHT

Soil Surface Texture: gravelly - loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Well drained. Soils have intermediate water holding capacity. Depth to water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: MODERATE

Depth to Bedrock Min: > 10 inches

Depth to Bedrock Max: > 20 inches

Soil Layer Information

	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	7 inches	gravelly - loam	Silt-Clay Materials (more than 35 pct. passing No. 200, Silty Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 2.00 Min: 0.60	Max: 7.30 Min: 6.10
2	7 inches	16 inches	very gravelly - loam	Granular materials (35 pct. or less passing No. 200, Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel. COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel.	Max: 2.00 Min: 0.60	Max: 7.30 Min: 6.10
3	16 inches	20 inches	unweathered bedrock	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: loam
silty clay loam
silaly - clay loam
sandy loam
loamy sand
clay
clay loam

Surficial Soil Types: loam
silty clay loam
silaly - clay loam
sandy loam
loamy sand
clay
clay loam

Shallow Soil Types: silty clay

Deeper Soil Types: weathered bedrock
clay loam

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

According to ASTM E 1527-00, Section 7.2.2, "one or more additional state or local sources of environmental records may be checked, in the discretion of the environmental professional, to enhance and supplement federal and state sources... Factors to consider in determining which local or additional state records, if any, should be checked include (1) whether they are reasonably ascertainable, (2) whether they are sufficiently useful, accurate, and complete in light of the objectives of the records review (see 7.1.1), and (3) whether they are obtained, pursuant to local, good commercial or customary practice." One of the record sources listed in Section 7.2.2 is water well information. Water well information can be used to assist the environmental professional in assessing sources that may impact groundwater flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

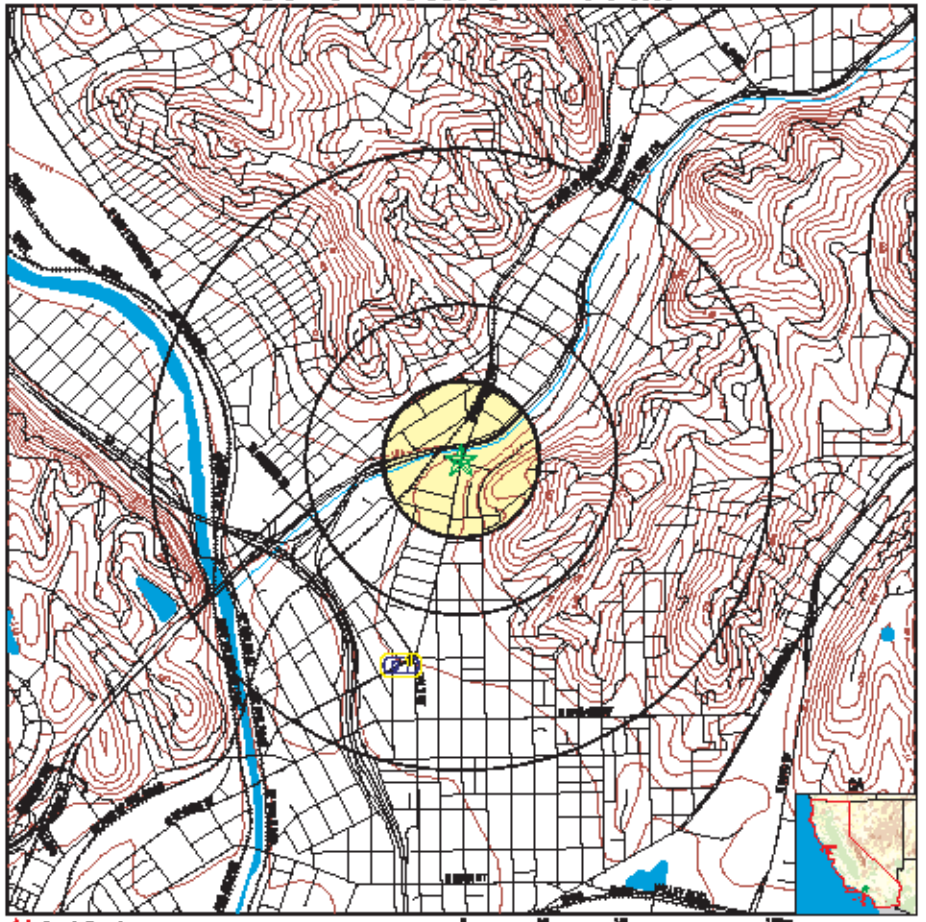
MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

PHYSICAL SETTING SOURCE MAP - 01519350.2r



TARGET PROPERTY:	Amerigas Services Inc.	CUSTOMER:	EA&R Consulting & Engineering
ADDRESS:	3505 Pasadena Avenue	CONTACT:	Will Glenn
CITY/STATE/ZIP:	Los Angeles CA 90031	INQUIRY #:	01519350.2r
LAT/LONG:	34.0858 / 118.2121	DATE:	September 27, 2005 7:46 am

Copyright © 2005 EDR, Inc. © 2004 TELE Atlas, Inc. All rights reserved.

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
1 SSW 1/2 - 1 Mile Lower	Site ID:	90005C0061		
	Groundwater Flow:	Not Reported	AQUIFLOW	66212
	Shallow Water Depth:	8.37		
	Deep Water Depth:	12		
	Average Water Depth:	Not Reported		
	Date:	03/07/1995		

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zip	Total Sites	> 4 Pci/L	Pct. > 4 Pci/L
90031	8	0	0.00

Federal EPA Radon Zone for LOS ANGELES County: 2

Note: Zone 1 Indoor average level > 4 pCi/L.
: Zone 2 Indoor average level >= 2 pCi/L and <= 4 pCi/L
: Zone 3 Indoor average level < 2 pCi/L.

Federal Area Radon Information for LOS ANGELES COUNTY, CA

Number of sites tested: 63

Area	Average Activity	% < 4 pCi/L	% 4-20 pCi/L	% > 20 pCi/L
Living Area - 1st Floor	0.711 pCi/L	98%	2%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	0.933 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002. 7.5-Minute DEMs correspond to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STATE RECORDS

California Drinking Water Quality Database
Source: Department of Health Services
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

California Oil and Gas Well Locations for District 2, 3, 6 and 8
Source: Department of Conservation
Telephone: 916-323-1779

RADON

State Database: CA Radon
Source: Department of Health Services
Telephone: 916-324-2208
Radon Database for California

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

EDR Offsite Receptor Report

Ameripride Services Inc.
3505 Pasadena Avenue
Los Angeles, CA 90031

Inquiry Number: 01519350.7r

September 27, 2005

The Standard in Environmental Risk Management Information

440 Wheelers Farms Road
Milford, Connecticut 06460

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

TABLE OF CONTENTS

SECTION	PAGE
Executive Summary	2
Census Map	3
Census Findings	4
Receptor Map	5
Map Findings	6
Records Searched/Data Currency Tracking Addendum	11

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2005 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

EXECUTIVE SUMMARY

A search of available records was conducted by Environmental Data Resources, Inc. (EDR). The EDR Offsite Receptor Report provides information which may be used to comply with the Clean Air Act Risk Management Program 112-R. *"The rule requires that you estimate in the RMP residential populations within the circle defined by the endpoint for your worst-case and alternative release scenarios (i.e., the center of the circle is the point of release and the radius is the distance to the endpoint). In addition, you must report in the RMP whether certain types of public receptors and environmental receptors are within the circles."*

The address of the subject property, for which the search was intended, is:

AMERIPRIDE SERVICES INC.
3505 PASADENA AVENUE
LOS ANGELES, CA 90031

Distance Searched: 1.000 miles from subject property

RECEPTOR SUMMARY
An X indicates the presence of the receptor within the search radius.

Residential Population
Estimated population within search radius: 31368 persons.

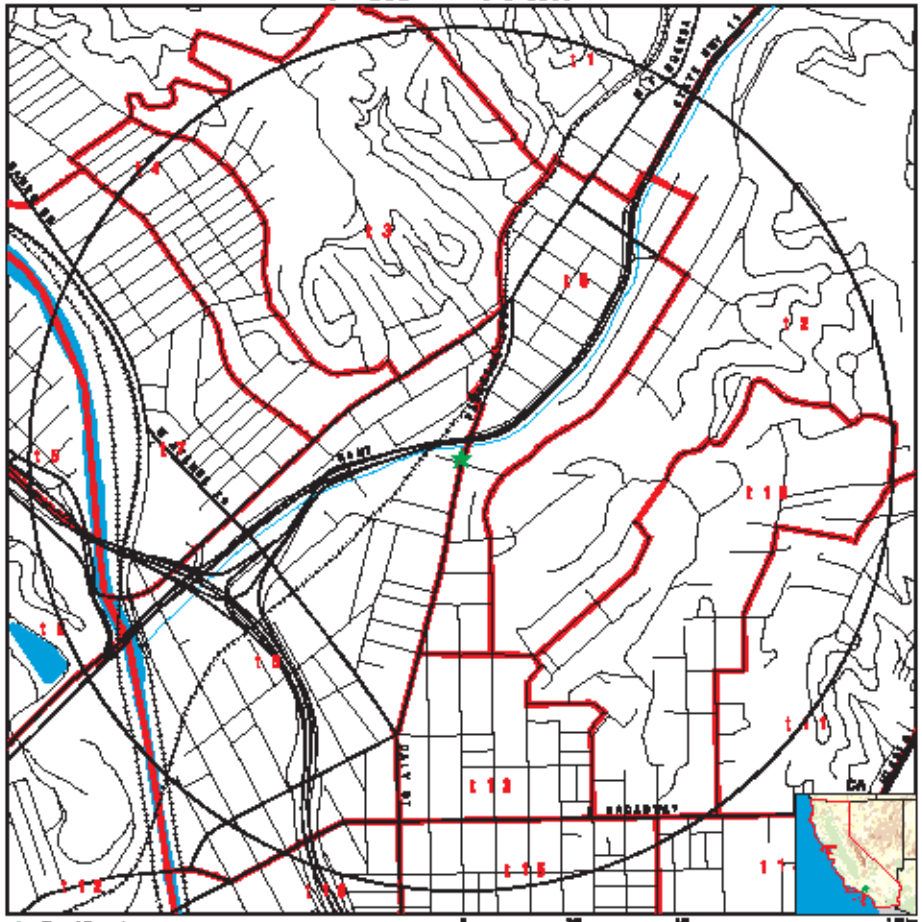
Other Public Receptors

Type	Within Search Radius	Sites Total
Day Care Centers:	☒	8
Medical Centers:	☐	
Nursing Homes:	☒	1
Schools:	☒	17
Hospitals:	☐	
Colleges:	☐	
Airstrip:	☐	
Prison:	☐	

Environmental Receptors

Type	Within Search Radius	Sites Total
Federal Land:	☐	

CENSUS MAP - 01519350.7r



TARGET PROPERTY:	Ameripride Services Inc.	CUSTOMER:	EA&R Consulting & Engineering
ADDRESS:	3505 Pasadena Avenue	CONTACT:	Will Glenn
CITY/STATE/ZIP:	Los Angeles CA 90031	INQUIRY #:	01519350.7r
LAT/LONG:	34.0858 / 118.2131	DATE:	September 27, 2005 @ 10:am

Copyright © 2005 EDR, Inc. © 2004 TomTom, Inc. Rel. 10/2004. All rights reserved.

CENSUS FINDINGS

Map ID	Tract Number	Total Population	Population In Radius	Total Area (sq mi)	Area In Radius (sq mi)
T1	1851.00	6159	899.1	0.87	0.13
T2	1993.00	4028	1810.6	1.01	0.45
T3	1852.02	3827	3425.6	0.46	0.42
T4	1853.10	3364	2936.5	0.16	0.14
T5	1972.00	4979	385.6	0.65	0.05
T6	1994.00	4956	4956.0	0.27	0.27
T7	1853.20	3186	2632.7	0.34	0.28
T8	1990.00	3641	3419.5	0.60	0.57
T9	1971.10	586	23.4	1.05	0.04
T10	1992.02	3164	3155.4	0.36	0.36
T11	1991.10	2751	1076.8	0.35	0.14
T12	2060.10	3276	88.6	0.63	0.02
T13	1992.01	4444	4444.0	0.15	0.15
T14	1991.20	3561	33.4	0.36	0.00
T15	1998.00	5697	1845.6	0.25	0.08
T16	1997.00	3298	234.5	0.37	0.03

RECEPTOR MAP - 01519359.7r

TARGET PROPERTY:	Ameripride Services Inc.	CUSTOMER:	EA&R Consulting & Engineering
ADDRESS:	3505 Pasadena Avenue	CONTACT:	Will Elam
CITY/STATE/ZIP:	Los Angeles CA 90031	INQUIRY #:	01519359.7r
LAT/LONG:	34.08558 / 118.2121	DATE:	September 27, 2005 2:16 pm

Copyright © 2005 EDR, Inc. © 2004 TELE Atlas, Inc. All rights reserved.

MAP FINDINGS

Map ID / Direction / Distance / Distance (ft.) / Elevation	Site		EDR ID / Database
1 SE 0-1/8 mi 246 Higher	Name: ID: Site Type: Latitude: Longitude:	Hillside Elementary School 243481 school 34.08500 -118.20000	GNS0190883 GNIS Schools
2 WNW 1/8-1/4 mi 1217 Higher	Name: NCES ID: Address: Telephone: Local Code: School Type: School Level: Lowest Grade: Highest Grade:	LORETO STREET ELEMENTARY 06227 1003148 3408 ARROYO SECO AVE. LOS ANGELES, CA 90065 3232225176 Large Central City Regular Elementary and Secondary Schools Primary Kindergarten 05	PBS06227 1003148 Public Schools
3 West 1/4-1/2 mi 1794 Higher	Name: NCES ID: Address: Telephone: Local Code: School Type: School Level: Lowest Grade: Highest Grade:	NIGHTINGALE (FLORENCE) MIDDLE 06227 1003215 3311 N. FIGUEROA ST. LOS ANGELES, CA 90065 3232212128 Large Central City Regular Elementary and Secondary Schools Middle 06 08	PBS06227 1003215 Public Schools
4 WNW 1/4-1/2 mi 1969 Higher	Name: ID: Site Type: Latitude: Longitude:	Nightingale Middle School 246541 school 34.08700 -118.20000	GNS0210546 GNIS Schools
5 South 1/4-1/2 mi 2394 Higher	Name: Address: City: State: Zip:	AVENUE 28 HEAD START/STATE PRESCHOOL Not Reported Not Reported CA Not Reported	DAY1039665 Daycare

MAP FINDINGS

Map ID / Direction / Distance / Distance (ft.) / Elevation	Site		EDR ID / Database
6 WNW 1/4-1/2 mi 2485 Higher	School Id: Address: County num: State: Zip5: Phone: High de: Locale: School type: School level: Affiliation: Association:	00068998 624 CYPRESS AVE 6037 CA 90065 323-222-6077 Grade 8 Large Central City Regular elementary or secondary Elementary Roman Catholic National Catholic Educational Association (NCEA)	Name: City: County: Fips: Zip4: Low grade: Gender: DIVINE SAVIOUR SCHOOL LOS ANGELES LOS ANGELES 6 Not Reported Kindergarten Coed	PVTSCH00068998 Private Schools
7 WNW 1/2-1 mi 3010 Higher	Name: ID: Site Type: Latitude: Longitude:	Divine Saviour School 241513 school 34.08800 -118.20000		GNS0177855 GNIS Schools
8 South 1/2-1 mi 3053 Higher	Name: Address: City: State: Zip:	SALVATION ARMY BOOTH MEMORIAL CENTER, THE Not Reported Not Reported CA Not Reported		DAY1039676 Daycare
9 ENE 1/2-1 mi 3405 Higher	Name: NCES ID: Address: Telephone: Local Code: School Type: School Level: Lowest Grade: Highest Grade:	LATONA AVENUE ELEMENTARY 06227 1003126 4312 BERENICE AVE. LOS ANGELES, CA 90031 3232215148 Large Central City Regular Elementary and Secondary Schools Primary Kindergarten 05		PBS06227 1003126 Public Schools
10 NE 1/2-1 mi 3451 Higher	School Id: Address: County num: State: Zip5: Phone: High de: Locale: School type: School level: Affiliation: Association:	A9700540 333 E. AVENUE 43 6037 CA 90031 323-222-2310 Grade 12 Large Central City Regular elementary or secondary Combined Baptist Accelerated Christian Education (ACE) or (School of Tomorrow)	Name: City: County: Fips: Zip4: Low grade: Gender: MONTECITO PARK BAPTIST LOS ANGELES LOS ANGELES 6 Not Reported Kindergarten Coed	PVTSCHA9700540 Private Schools

MAP FINDINGS

Map ID / Direction / Distance / Distance (ft.) / Elevation	Site		EDR ID / Database
11 NNE 1/2-1 mi 3717 Higher	Name: Address: City: State: Zip:	SYCAMORE PARK EARLY EDUCATION CENTER Not Reported Not Reported CA Not Reported	DAY1039661 Daycare
12 South 1/2-1 mi 3834 Higher	Name: Address: City: State: Zip:	RAINBOW HEAD START Not Reported Not Reported CA Not Reported	DAY1039696 Daycare
13 NE 1/2-1 mi 3895 Higher	Name: ID: Site Type: Latitude: Longitude:	Latona Avenue School 244647 school 34.09200 -118.20000	GNIS0199089 GNIS Schools
14 East 1/2-1 mi 3924 Higher	Name: NCES ID: Address: Telephone: Local Code: School Type: School Level: Lowest Grade: Highest Grade:	GLEN ALTA ELEMENTARY 06227 1003044 3410 SIERRA ST. LOS ANGELES, CA 90031 3232231195 Large Central City Regular Elementary and Secondary Schools Primary Kindergarten 06	PBS06227 1003044 Public Schools
15 WNW 1/2-1 mi 4094 Lower	Name: Address: City: State: Zip:	CYPRESS PARK HEAD START Not Reported Not Reported CA Not Reported	DAY1039696 Daycare
16 East 1/2-1 mi 4123 Higher	Name: ID: Site Type: Latitude: Longitude:	Glen Alta Elementary School 242729 school 34.08500 -118.20000	GNIS0186099 GNIS Schools
A17 SSE 1/2-1 mi 4622 Higher	Name: Address: City: State: Zip:	LITTLE FLOWER MISSIONARY HOUSE Not Reported Not Reported CA Not Reported	DAY1039701 Daycare

MAP FINDINGS

Map ID / Direction / Distance / Distance (ft.) / Elevation	Site		EDR ID / Database
18 SE 1/2-1 mi 4534 Higher	Name: NCES ID: Address: Telephone: Local Code: School Type: School Level: Lowest Grade: Highest Grade:	PUEBLO DE LOS ANGELES CONTINUA 06227 1003292 2506 ALTA ST. LOS ANGELES, CA 90031 3232233258 Large Central City Other High 09 12	PBS06227 1003292 Public Schools
A19 SSE 1/2-1 mi 4711 Higher			PVTSCHK9000125 Private Schools
	SchoolId: Address: County num: State: Zip5: Phone: Higrde: Locale: School type: School level: Affiliation: Association:	K9000125 2434 GATES STREET 6037 CA 90031 323-221-9248 Kindergarten Large Central City Early Childhood Program/Day Care Center Elementary Roman Catholic Other Religious School Association (6)	Name: City: County: Fips: Zip4: Low grade: Gender: LITTLE FLOWER MISSIONARY HOUSE LOS ANGELES LOS ANGELES 6 Not Reported Pre-kindergarten Coed
B20 NW 1/2-1 mi 4842 Higher	Name: NCES ID: Address: Telephone: Local Code: School Type: School Level: Lowest Grade: Highest Grade:	ARAGON AVENUE ELEMENTARY 06227 1002821 1118 ARAGON AVE. LOS ANGELES, CA 90065 3232251573 Large Central City Regular Elementary and Secondary Schools Primary Kindergarten 05	PBS06227 1002821 Public Schools
21 SE 1/2-1 mi 4853 Higher	Name: ID: Site Type: Latitude: Longitude:	Abraham Lincoln High School 244310 school 34.07500 -118.20000	GNIS0157127 GNIS Schools
B22 NW 1/2-1 mi 4936 Higher	Name: ID: Site Type: Latitude: Longitude:	Aragon Avenue Elementary School 238571 school 34.09500 -118.20000	GNIS0199099 GNIS Schools

MAP FINDINGS

Map ID Direction Distance Distance (ft.) Elevation	Site				EDR ID Database
23 NNE 1/2-1 mi 5165 Higher	Program: Street: State: Phone: Num Beds: Occupied %: Owner Type: Multi Nursing Home ownership?: YES Has Resident and Family Councils?: BOTH	DSS163 4585 N FIGUEROA STREET CA 3232233441 90 87 For profit - Corporation	Name: City: Zipcode: Last Insp: Num Residents: Description: Within Hosp?:	SYCAMORE PARK CONVALESCENT HOSPITAL LOS ANGELES 90065 20010803 78 Participating in Medicare and Medicaid NO	SRNHDS5163 Nursing Homes
24 SSW 1/2-1 mi 5202 Lower	Name: Address: City: State: Zip:	JARDIN DE NINOS INFANT CARE CENTER Not Reported Not Reported CA Not Reported			DAY1039720 Daycare
25 NW 1/2-1 mi 5230 Higher	Name: Address: City: State: Zip:	KEDREN HEAD START-CYPRESS PARK 1 Not Reported Not Reported CA Not Reported			DAY1039566 Daycare
26 SSE 1/2-1 mi 5247 Higher	Name: ID: Site Type: Latitude: Longitude:	Gates Elementary School 242647 school 34.07300 -118.20000			GNS0185511 GNIS Schools

RECORDS SEARCHED/DATA CURRENCY TRACKING

Census
Source: U.S. Census Bureau
Telephone: 301-457-4100
2000 U.S. Census data was used to estimate residential population following these EPA guidelines:
"Census data are presented by Census tract. If your circle covers only a portion of the tract, you should develop an estimate for that portion...Determine the population density per square mile (total population of the Census tract divided by the number of square miles in the tract) and apply that density figure to the number of square miles within your circle."

FED_LAND: Federal Lands
Source: USGS
Telephone: 888-275-8747
Federal lands data. Includes data from several Federal land management agencies, including Fish and Wildlife Service, Bureau of Land Management, National Park Service, and Forest Service. Includes National Parks, Forests, Monuments; Wildlife Sanctuaries, Preserves, Refuges; Federal Wilderness Areas.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-6991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

GNIS Hospitals: Geographic Names Information System
Source: USGS
Telephone: 888-275-8747
The Geographic Names Information System (GNIS), developed by the USGS in cooperation with the U.S. Board on Geographic Names (BGN), contains information about almost 2 million physical and cultural geographic features in the United States. The GNIS is our Nation's official repository of domestic geographic names information.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Colleges - Integrated Postsecondary Education Data
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on integrated postsecondary education in the United States.

GNIS Schools: Geographic Names Information System
Source: USGS
Telephone: 888-275-8747
The Geographic Names Information System (GNIS), developed by the USGS in cooperation with the U.S. Board on Geographic Names (BGN), contains information about almost 2 million physical and cultural geographic features in the United States. The GNIS is our Nation's official repository of domestic geographic names information.

RECORDS SEARCHED/DATA CURRENCY TRACKING

Arenas
Source: Dunhill International
EDR indicates the location of buildings and facilities - arenas - where individuals who are public receptors are likely to be located.

Prisons : Bureau of Prisons Facilities
Source: Federal Bureau of Prisons
Telephone: 202-307-3198
List of facilities operated by the Federal Bureau of Prisons.

Day care Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

ENSR

APPENDIX E
EDR HISTORICAL AERIAL PHOTOGRAPHS

The EDR Aerial Photo Decade Package

Ameripride Services Inc.
3505 Pasadena Avenue
Los Angeles, CA 90031

Inquiry Number: 1519350.6

September 28, 2005

EDR Environmental Data Resources Inc

The Standard in Environmental Risk Management Information

440 Wheelers Farms Road
Milford, Connecticut 06460

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

Environmental Data Resources, Inc.
Aerial Photography Print Service

Environmental Data Resources, Inc.'s (EDR) Aerial Photography Print Service is a screening tool designed to assist professionals in evaluating potential liability on a target property resulting from past activities. ASTM E 1527-00, Section 7.3 on Historical Use Information, identifies the prior use requirements for a Phase I environmental site assessment. The ASTM standard requires a review of *reasonably ascertainable standard historical sources. Reasonably ascertainable means information that is publicly available, obtainable from a source with reasonable time and cost constraints, and practically reviewable.*

To meet the prior use requirements of ASTM E 1527-00, Section 7.3.4, the following *standard historical sources* may be used: aerial photographs, fire insurance maps, property tax files, land title records (although these cannot be the sole historical source consulted), topographic maps, city directories, building department records, or zoning/land use records. ASTM E 1527-00 requires *"All obvious uses of the property shall be identified from the present, back to the property's obvious first developed use, or back to 1940, whichever is earlier. This task requires reviewing only as many of the standard historical sources as are necessary, and that are reasonably ascertainable and likely to be useful."* (ASTM E 1527-00, Section 7.3.2, page 12.)

Aerial Photographs

When delivered electronically by EDR, the aerial photo images included with this report are for ONE TIME USE ONLY. Further reproduction of these aerial photo images is prohibited without permission from EDR. For more information contact your EDR Account Executive.

Aerial photographs are a valuable historical resource for documenting past land use and can be particularly helpful when other historical sources (such as city directories or fire insurance maps) are not reasonably ascertainable. The EDR Aerial Photograph Print Service includes a search of local aerial photograph collections flown by public and private agencies. EDR's professional field-based researchers provide digitally reproduced historical aerial photographs at ten year intervals.

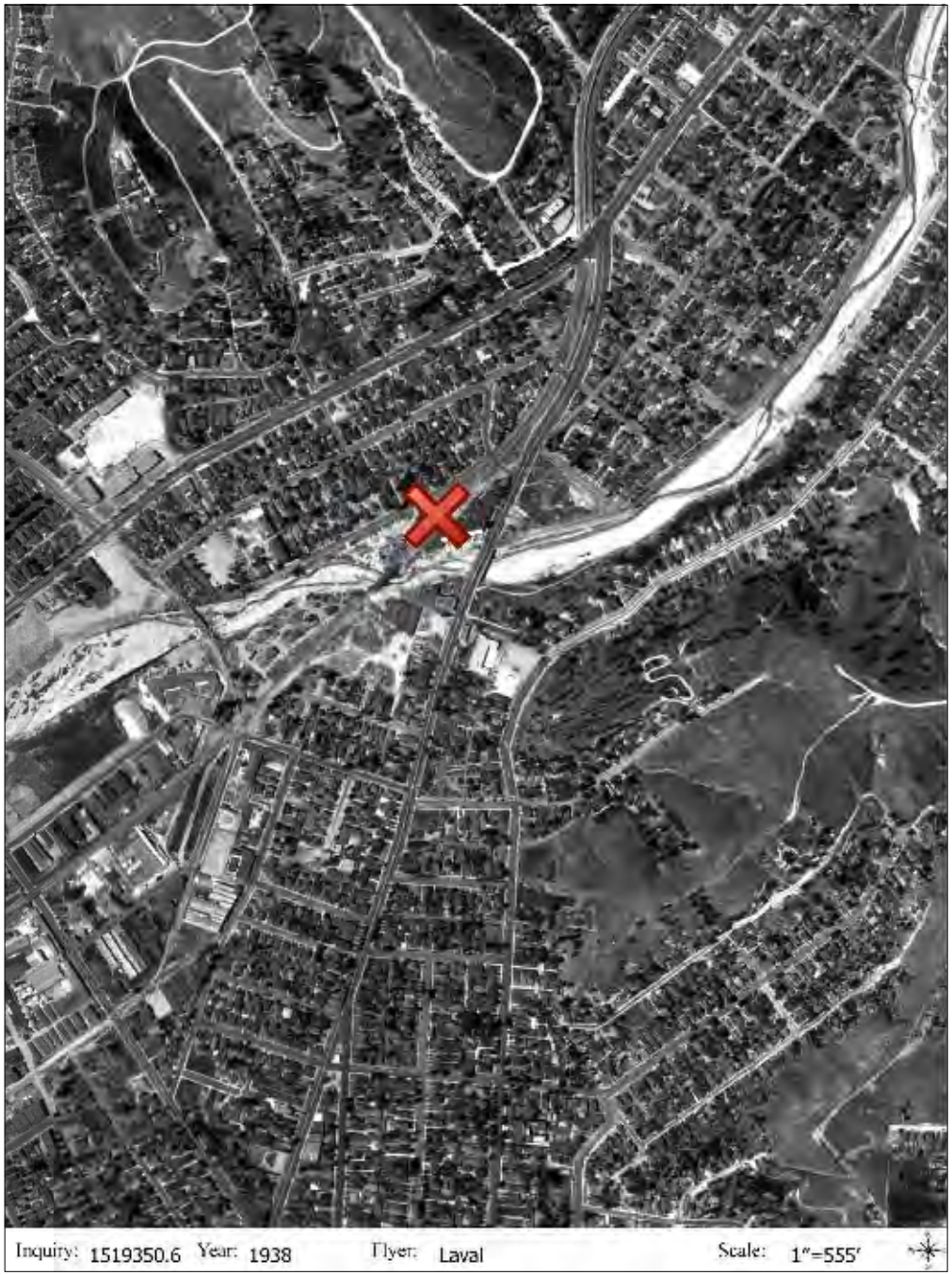
Please call Environmental Data Resources, Inc. Nationwide Customer Service at
1-800-352-0050 (8am-8pm ET)
with questions or comments about your report.
Thank you for your business!

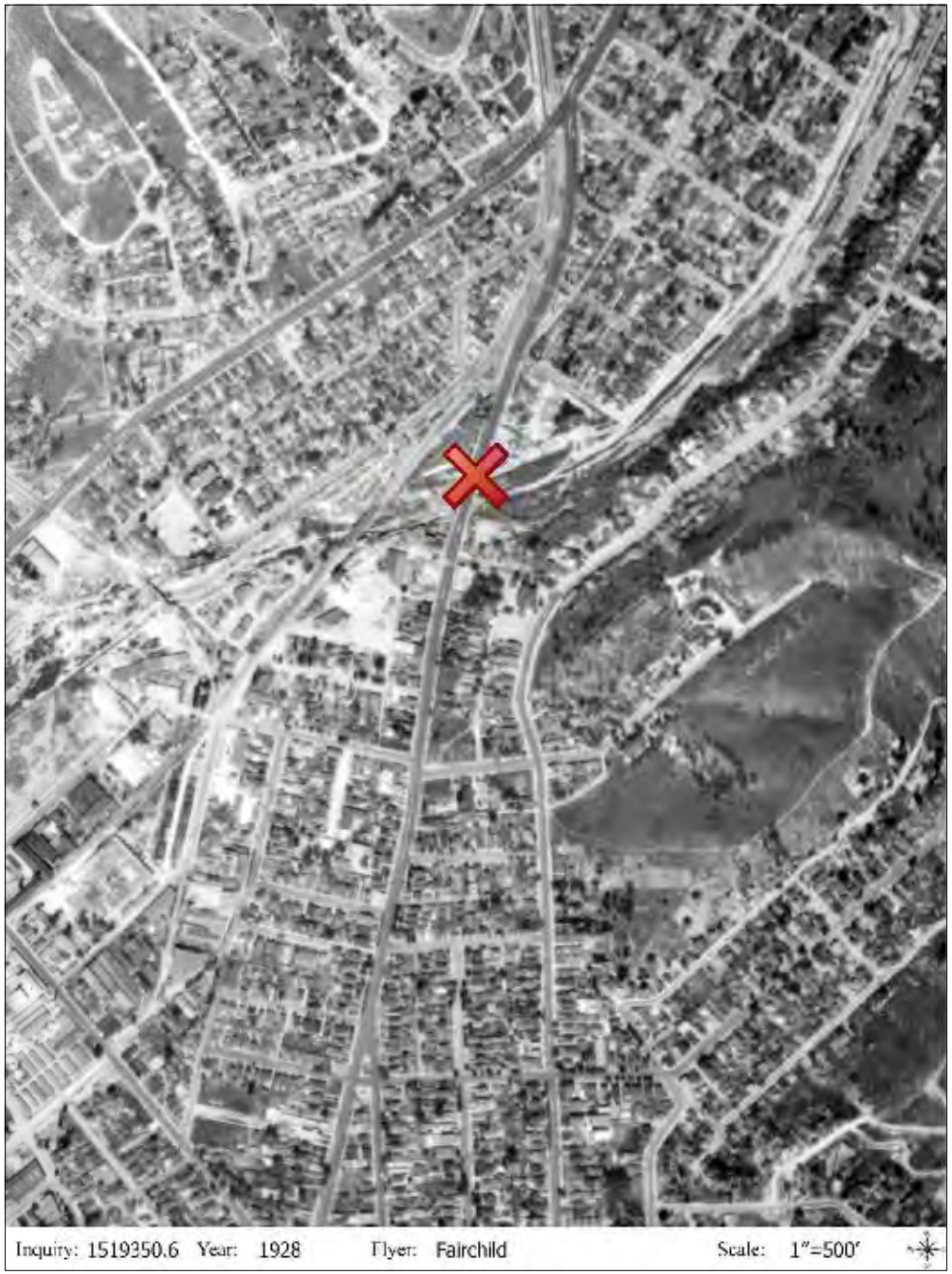
Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OR DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY OF THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IN STRICT LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be relied on to provide, any advice regarding the presence of, or the potential for, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2005 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any medium or format, in whole or in part, of any report or map of Environmental Data Resources, Inc. or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.


Inquiry: 1519350.6 Year: 1938 Flyer: Laval Scale: 1"=555'


Inquiry: 1519350.6 Year: 1928 Flyer: Fairchild Scale: 1"=500'

Inquiry: 1519350.6 Year: 1947 Flyer: Fairchild Scale: 1"=666'

Inquiry: 1519350.6 Year: 1956 Flyer: Fairchild Scale: 1"=400'

Inquiry: 1519350.6 Year: 1965 Flyer: Fairchild Scale: 1"=666'

Inquiry: 1519350.6 Year: 1976 Flyer: Teledyne Scale: 1"=666'

Inquiry: 1519350.6 Year: 1994 Flyer: USGS Scale: 1"=666'

Inquiry: 1519350.6 Year: 2002 Flyer: USGS Scale: 1"=666'

APPENDIX F
HISTORIC TOPOGRAPHIC MAPS

EDR Historical Topographic Map Report

Ameripride Services Inc.
3595 Pasadena Avenue
Los Angeles, CA 90031

Inquiry Number: 1579350.4

September 27, 2005

EDR® Environmental Data Resources Inc

The Standard in Environmental Risk Management Information

440 Wheelers Farms Road
Milford, Connecticut 06460

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

EDR Historical Topographic Map Report

Environmental Data Resources, Inc.'s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property, and its surrounding area, resulting from past activities. ASTM E 1527-00, Section 7.3 on Historical Use Information, identifies the prior use requirements for a Phase I environmental site assessment. The ASTM standard requires a review of *reasonably ascertainable standard historical sources. Reasonably ascertainable is defined as information that is publicly available, obtainable from a source with reasonable time and cost constraints, and practically reviewable.* To meet the prior use requirements of ASTM E 1527-00, Section 7.3.4, the following *standard historical sources* may be used: aerial photographs, city directories, fire insurance maps, topographic maps, property tax files, land title records (although these cannot be the sole historical source consulted), building department records, or zoning/land use records. ASTM E 1527-00 requires *"All obvious uses of the property shall be identified from the present, back to the property's obvious first developed use, or back to 1940, whichever is earlier. This task requires reviewing only as many of the standard historical sources as are necessary, and that are reasonably ascertainable and likely to be useful."* (ASTM E 1527-00, Section 7.3.2 page 12.)

EDR's Historical Topographic Map Report includes a search of available public and private color historical topographic map collections.

Topographic Maps
A topographic map (topo) is a color coded line-and-symbol representation of natural and selected artificial features plotted to a scale. Topos show the shape, elevation, and development of the terrain in precise detail by using contour lines and color coded symbols. Many features are shown by lines that may be straight, curved, solid, dashed, dotted, or in any combination. The colors of the lines usually indicate similar classes of information. For example, topographic contours (brown); lakes, streams, irrigation ditches, etc. (blue); and grids and important roads (red); secondary roads and trails, railroads, boundaries, etc. (black); and features that have been updated using aerial photography but not field verified, such as disturbed land areas (e.g. gravel pits) and newly developed water bodies (purple).

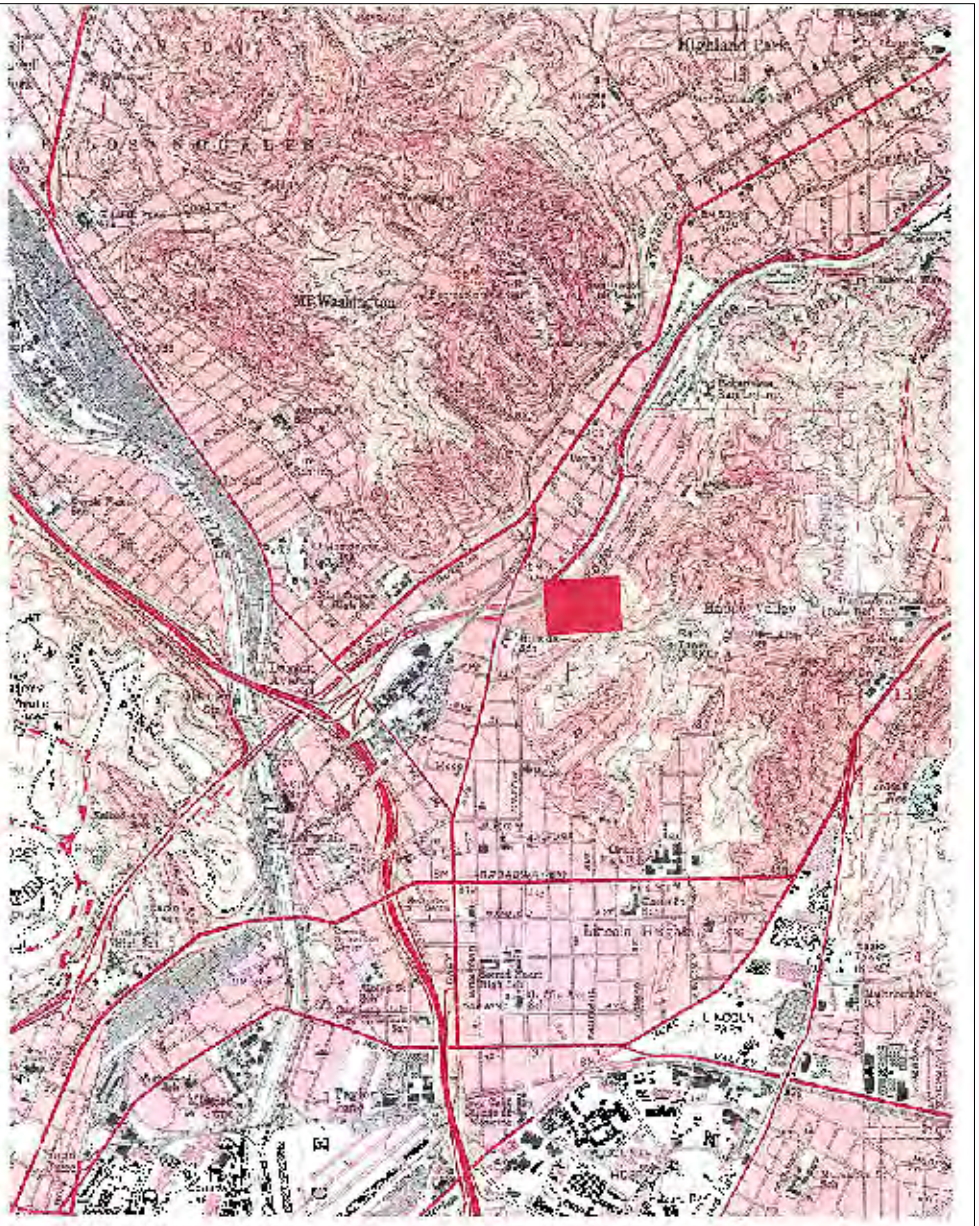
For more than a century, the USGS has been creating and revising topographic maps for the entire country at a variety of scales. There are about 60,000 U.S. Geological Survey (USGS) produced topo maps covering the United States. Each map covers a specific quadrangle (quad) defined as a four-sided area bounded by latitude and longitude. Historical topographic maps are a valuable historical resource for documenting the prior use of a property and its surrounding area, and due to their frequent availability can be particularly helpful when other standard historical sources (such as city directories, fire insurance maps, or aerial photographs) are not reasonably ascertainable.

Disclaimer - Copyright and Trademark Notice

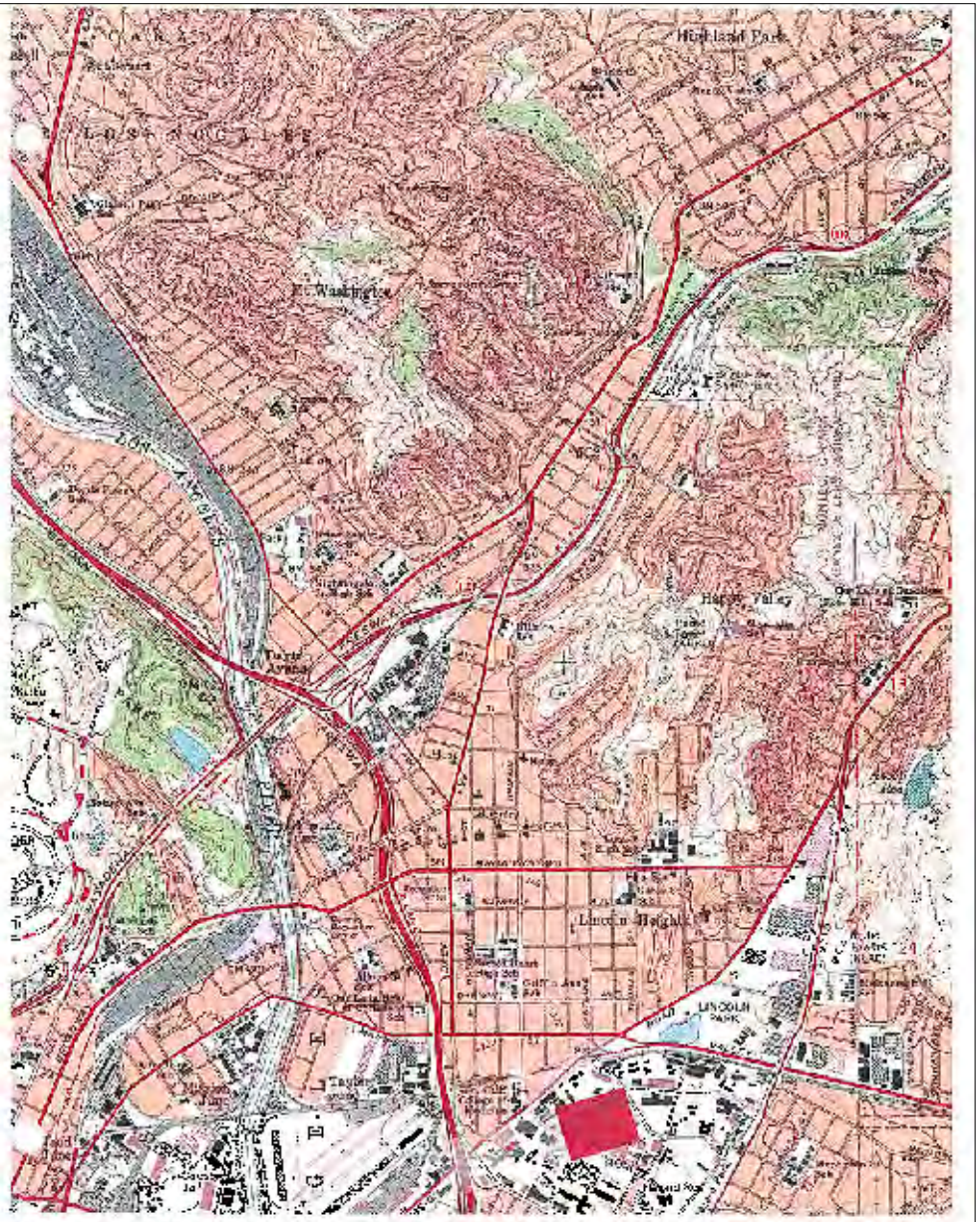
This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be incorporated as the primary basis of, or substitute for, any environmental risk assessment of any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk of any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright © 2008 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

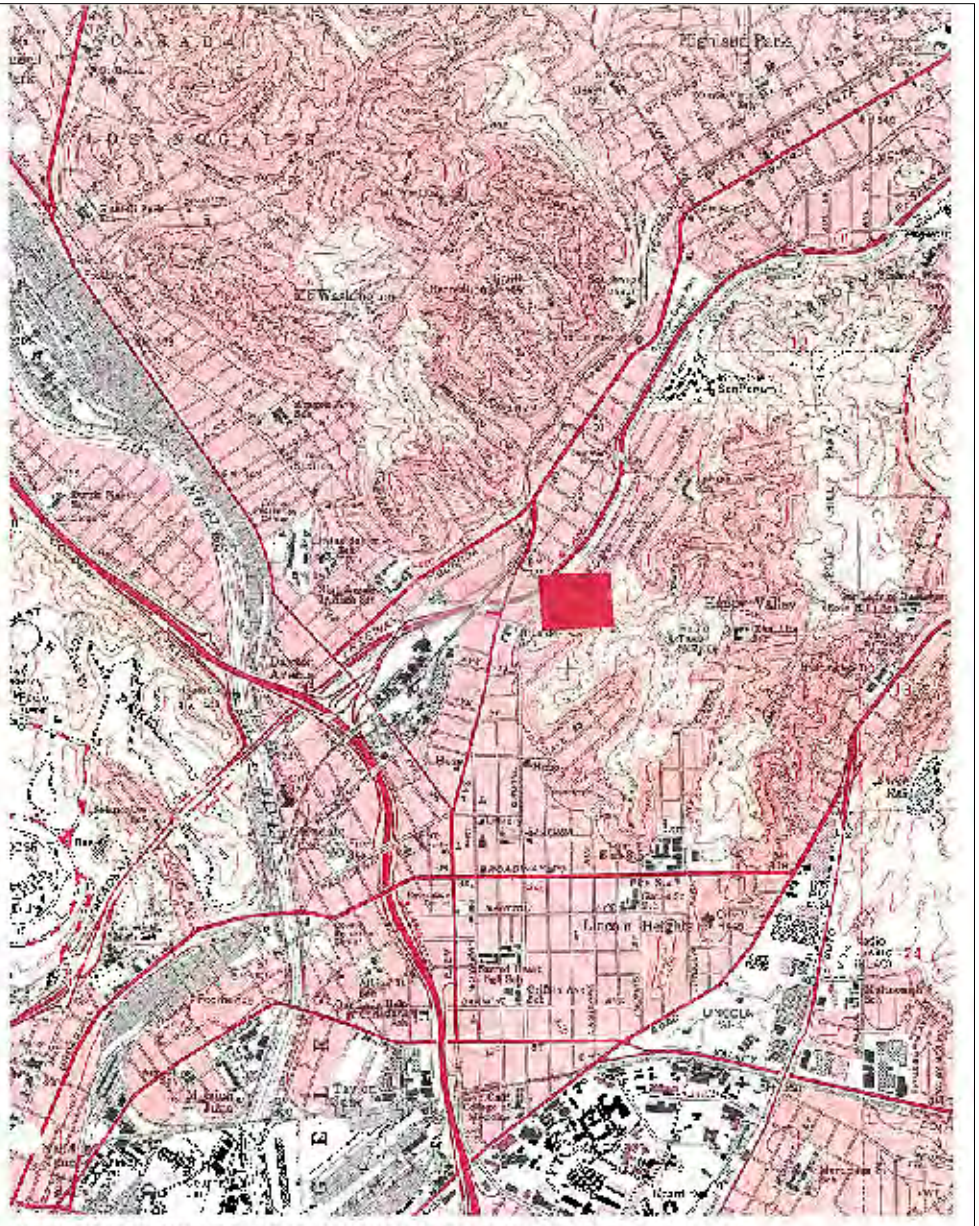
EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.



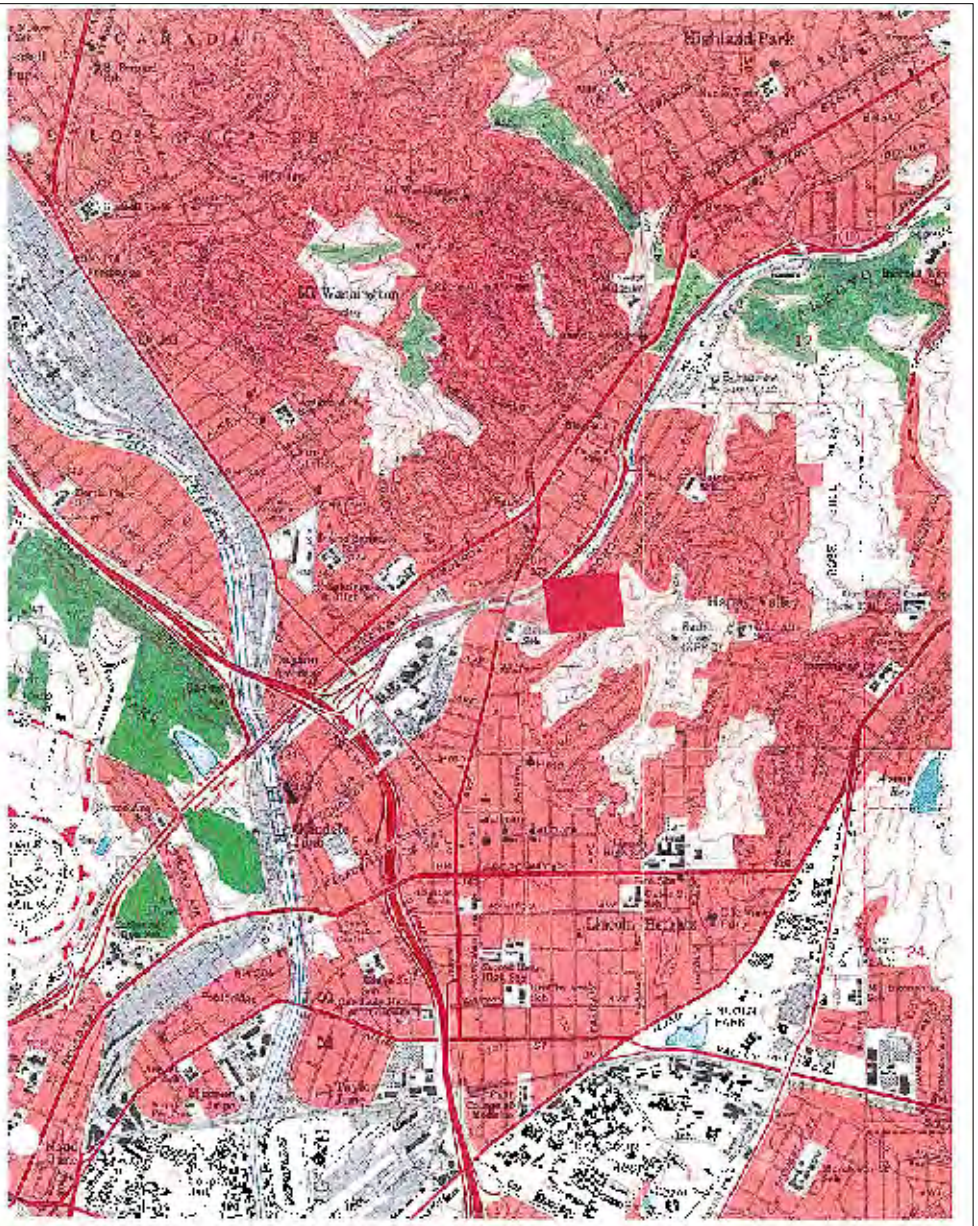
N - EDR IN QUERY # 1st Root / TARGET QUAD: LOS ANGELES PhotoRevised: 1966,1988 Series: 7.5 Scale: 1:24,000



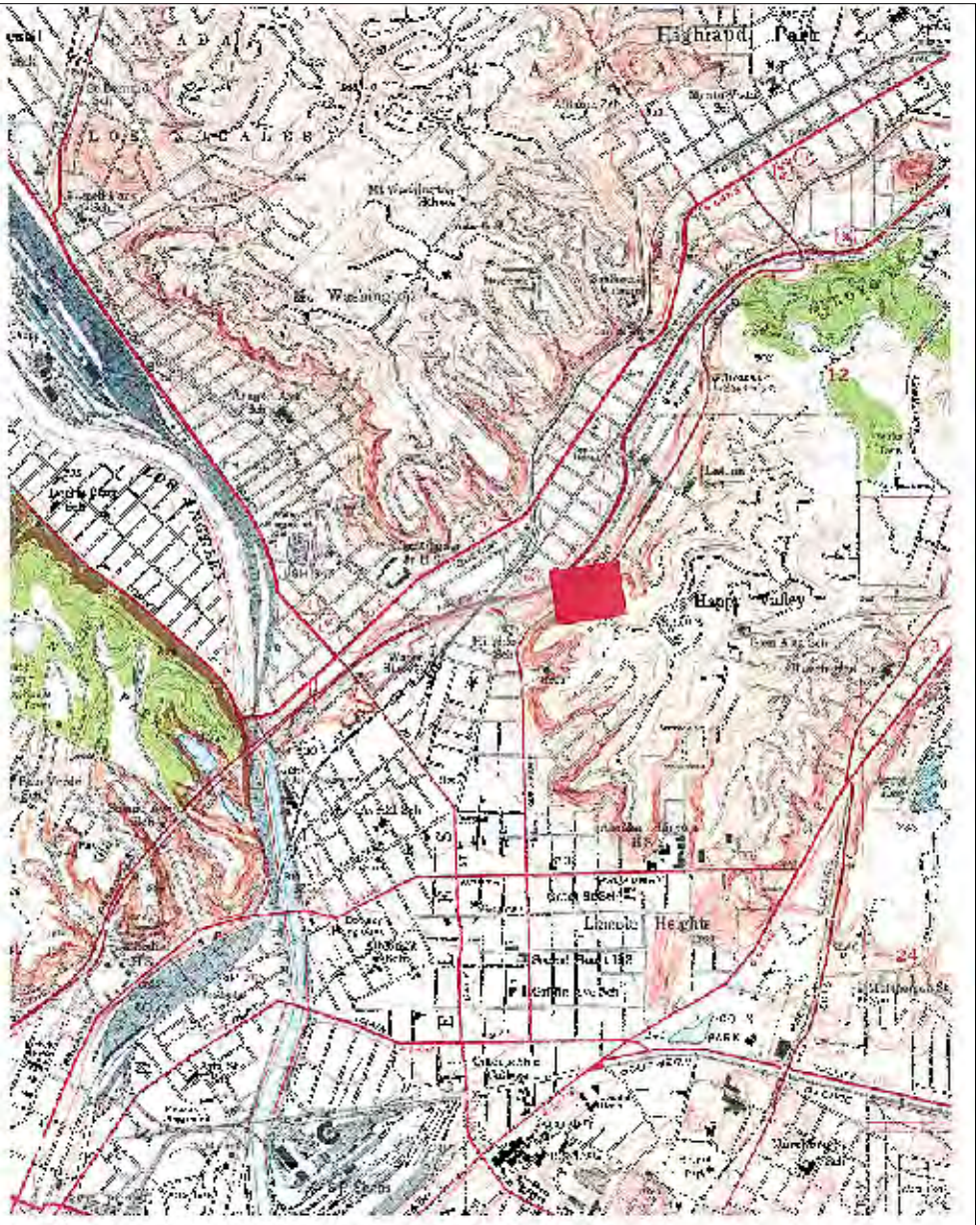
N^ EDR INQUIRY# 1510950.4 TARGET QUAD: ORANGE ES Revised: 1966-1981 Series: 7.5' Scale 1:24,000



N^ EDR INQUIRY# 1510950.4 TARGET QUAD: LOS ANGELES Revised: 1966-1972 Series: 7.5' Scale: 1:24,000

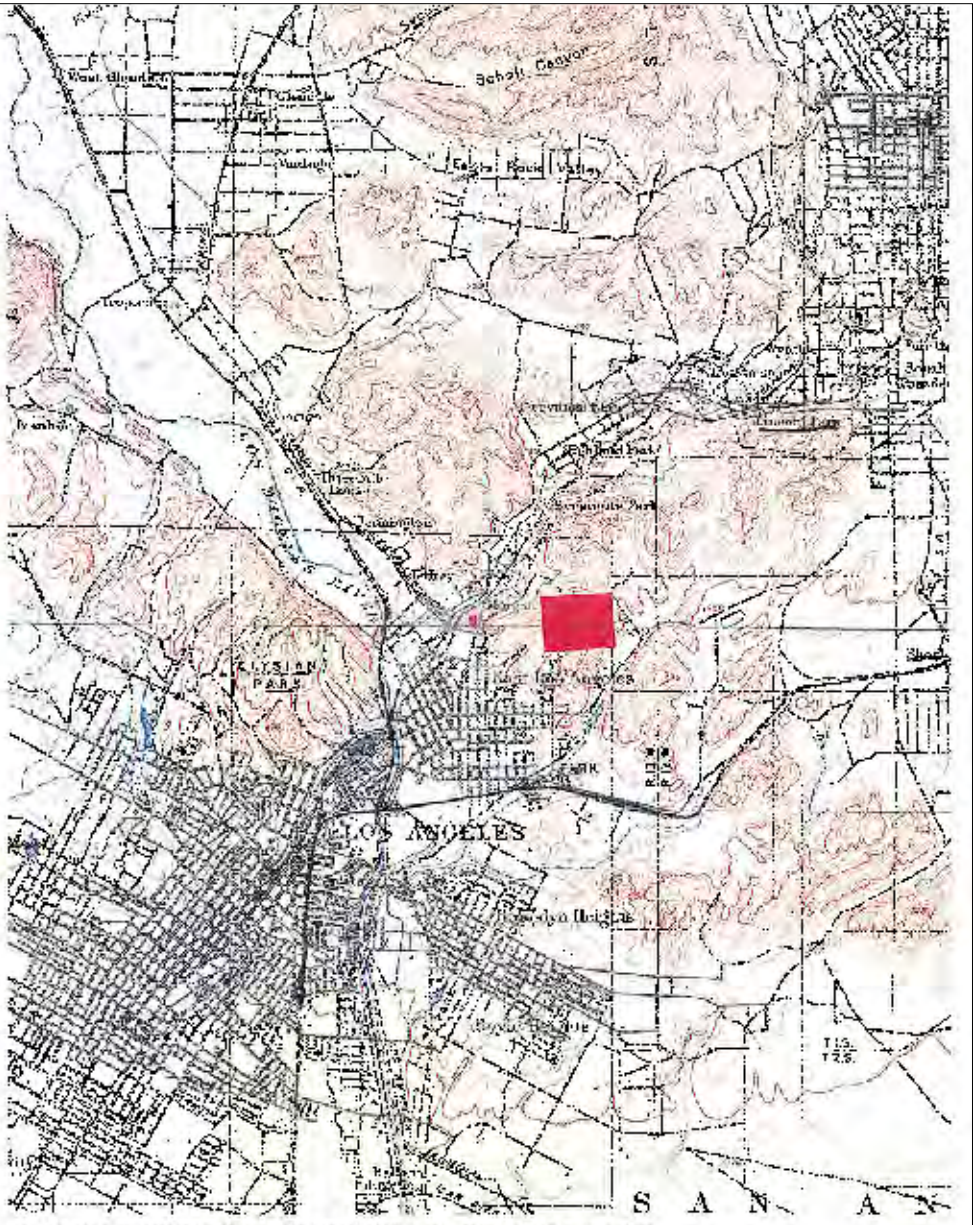


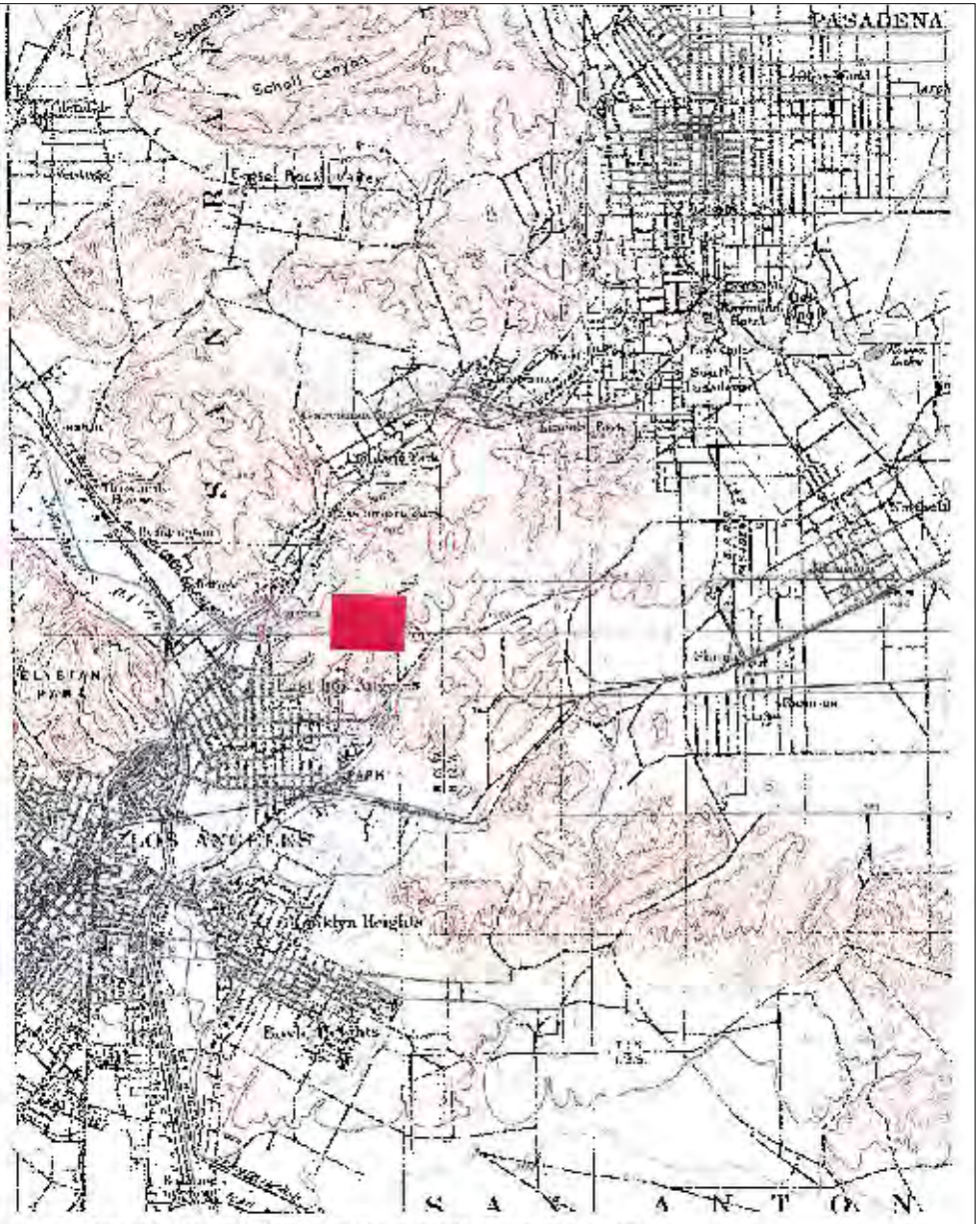
NA EDR INQUIRY# 15183C3.1 TARGET QUAD: LOS ANGELES YEAR: 1966 Series: 7.5 Scale: 1:24,000



NA EDR INQUIRY# 15183C3.4 TARGET QUAD: LOS ANGELES YEAR: 1953 Series: 7.5 Scale: 1:24,000

ANGELES


LOS ANGELES
S A N A N



APPENDIX G
SANBORN MAPS, CITY DIRECTORY REPORT, AND
PRODUCTION WELL INFORMATION

EDR Environmental Data Resources, Inc.

"Linking Technology with Tradition"®

Sanborn® Map Report

Ship To: Will Glenn
ENSR Consulting &
2850 South Red Hill
Santa Ana, CA 92705

Order Date: 9/26/2005 Completion Date: 9/27/2005
Inquiry #: 1519350.3s
P.O. #: NA
Site Name: Ameripride Services Inc.
Address: 3505 Pasadena Avenue
City/State: Los Angeles, CA 90031
Cross Streets:

Customer Project: 10770-002-200
1091011TIM 949-756-2667

Based on client-supplied information, fire insurance maps for the following years were identified.

1906 - 1 Map
1920 - 1 Map
1951 - 1 Map
1970 - 1 Map

Limited Permission to Photocopy Total Maps: 4

ENSR Consulting & Engineering (the client) is permitted to make up to THREE photocopies of this Sanborn Map in printed format and each fire insurance map accompanying the report solely for the limited use of its customers. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customers and their agents with EDR's copyright policy; a copy of which is available upon request.

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report AS IS. Any analyses, estimates, ratings, environmental risk level or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2005 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc. or its affiliates, is prohibited without prior written permission. EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

USER'S GUIDE

This User's Guide provides guidelines for accessing Sanborn Map® images and for transferring them to your Word Processor.

Reading Sanborn Maps

- Sanborn Maps document historical property use by displaying property information through words, abbreviations, and map symbols. The Sanborn Map Key provides information to help interpret the symbols and abbreviations used on Sanborn Maps. The Key is available from EDR's Web Site at: http://www.edrnet.com/reports/samples/key.pdf

Organization of Electronic Sanborn Image File

- Sanborn Map Report, listing years of coverage
- User's Guide
- Oldest Sanborn Map Image
- Most recent Sanborn Map Image

Navigating the Electronic Sanborn Image File

1. Open file on screen.
2. Identify TP (Target Property) on the most recent map.
3. Find TP on older printed images.
4. Using Acrobat® Reader®, zoom to 250 % in order to view more clearly. (200-250 % is the approximate equivalent scale of hardcopy Sanborn Maps.)
   A. On the menu bar, click "View" and then "Zoom to..."
   B. Or, use the magnifying tool and drag a box around the TP

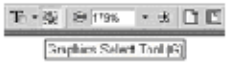
Printing a Sanborn Map From the Electonic File

- EDR recommends printing images at 300 dpi (300 dpi prints faster than 600 dpi)
- To print only the TP area, cut and paste from Acrobat to your word processor application.

<u>Acrobat Versions 6 and 7</u>

1. Go to the menu bar
2. Click the "Select Tool"
3. Draw a box around the area selected
4. "Right click" on your mouse
5. Select "Copy Image to Clipboard"
6. Go to Word Processor such as Microsoft Word, paste and print.

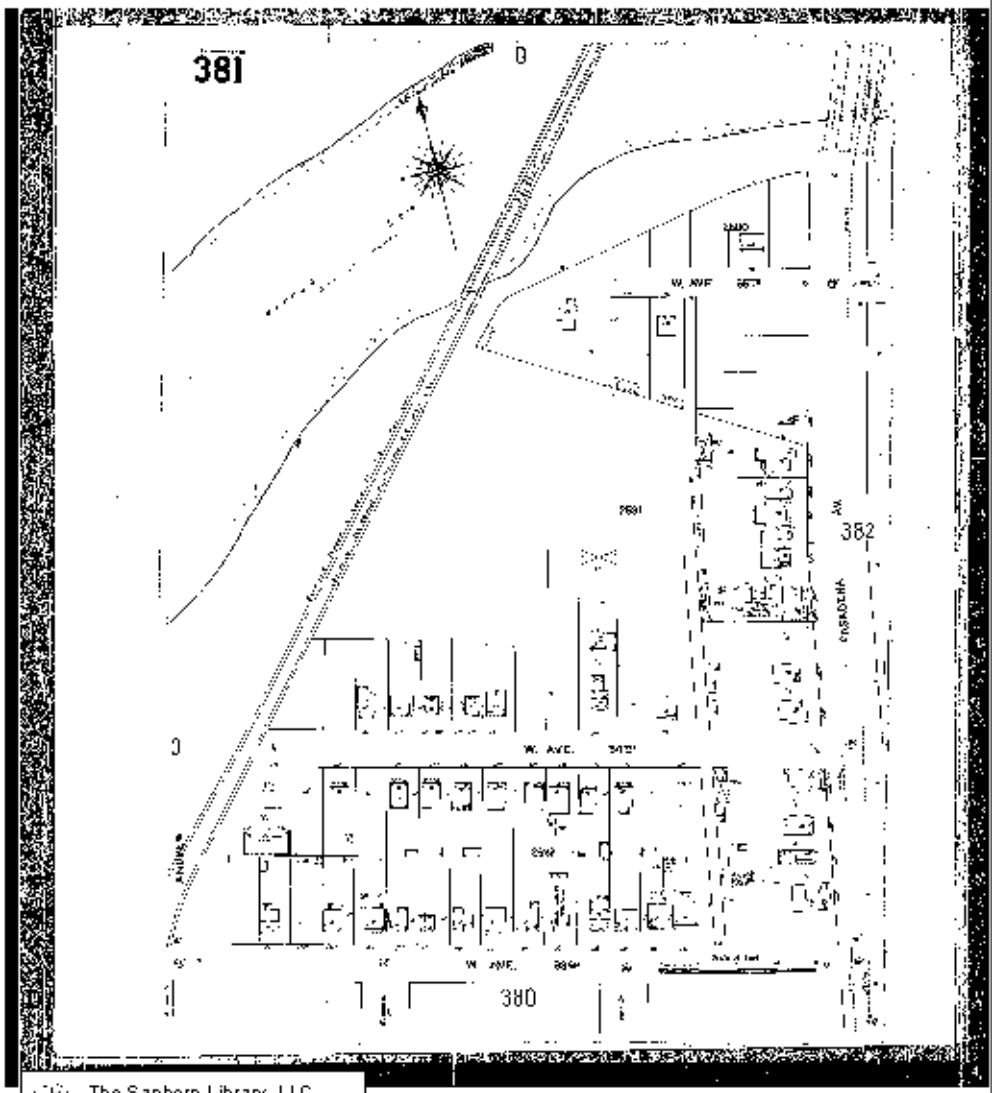
<u>Acrobat Version 5</u>



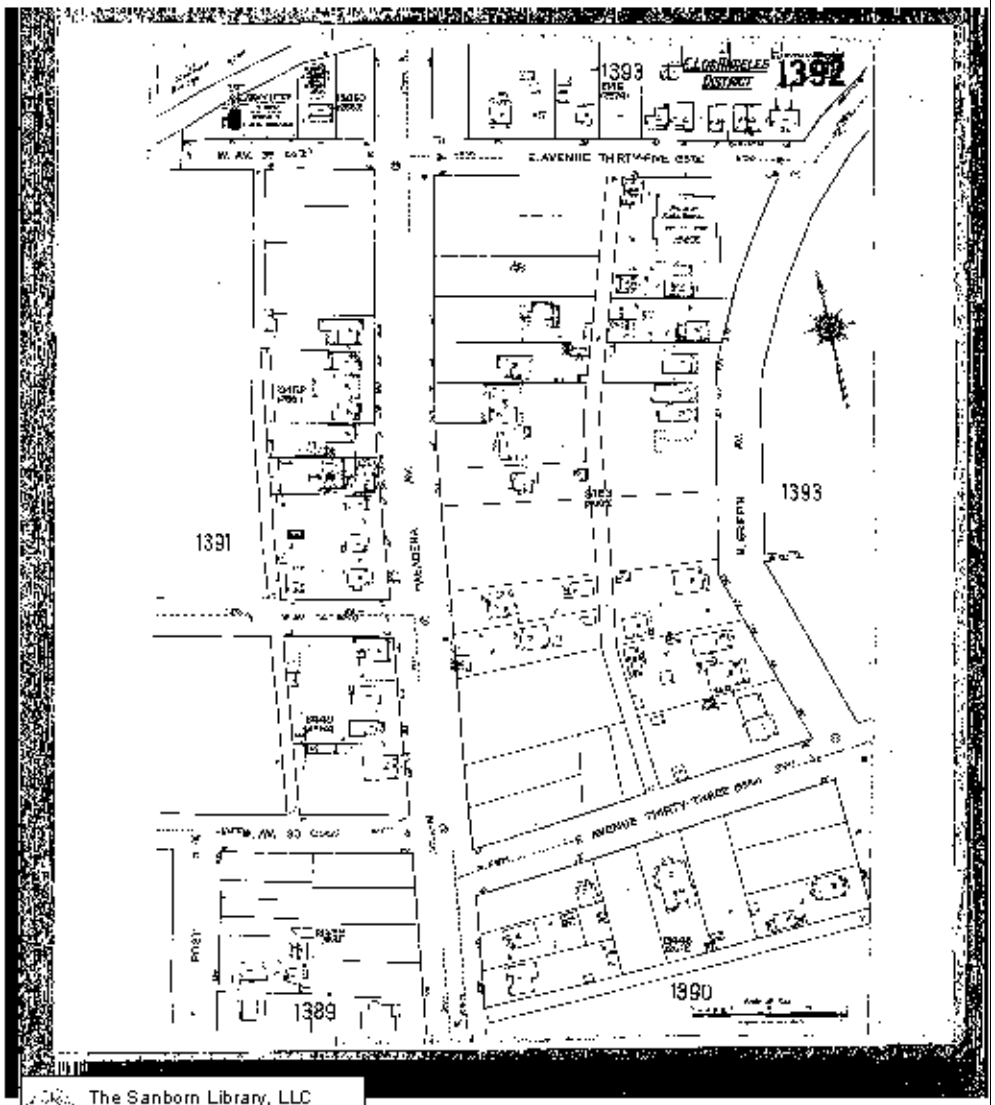
1. Go to the menu bar
2. Click the "Graphics Select Tool"
3. Draw a box around the area selected
4. Go to "Menu"
5. Highlight "Edit"
6. Highlight "Copy"
7. Go to Word Processor such as Microsoft Word, paste and print.

Important Information about Email Delivery of Electronic Sanborn Map Images

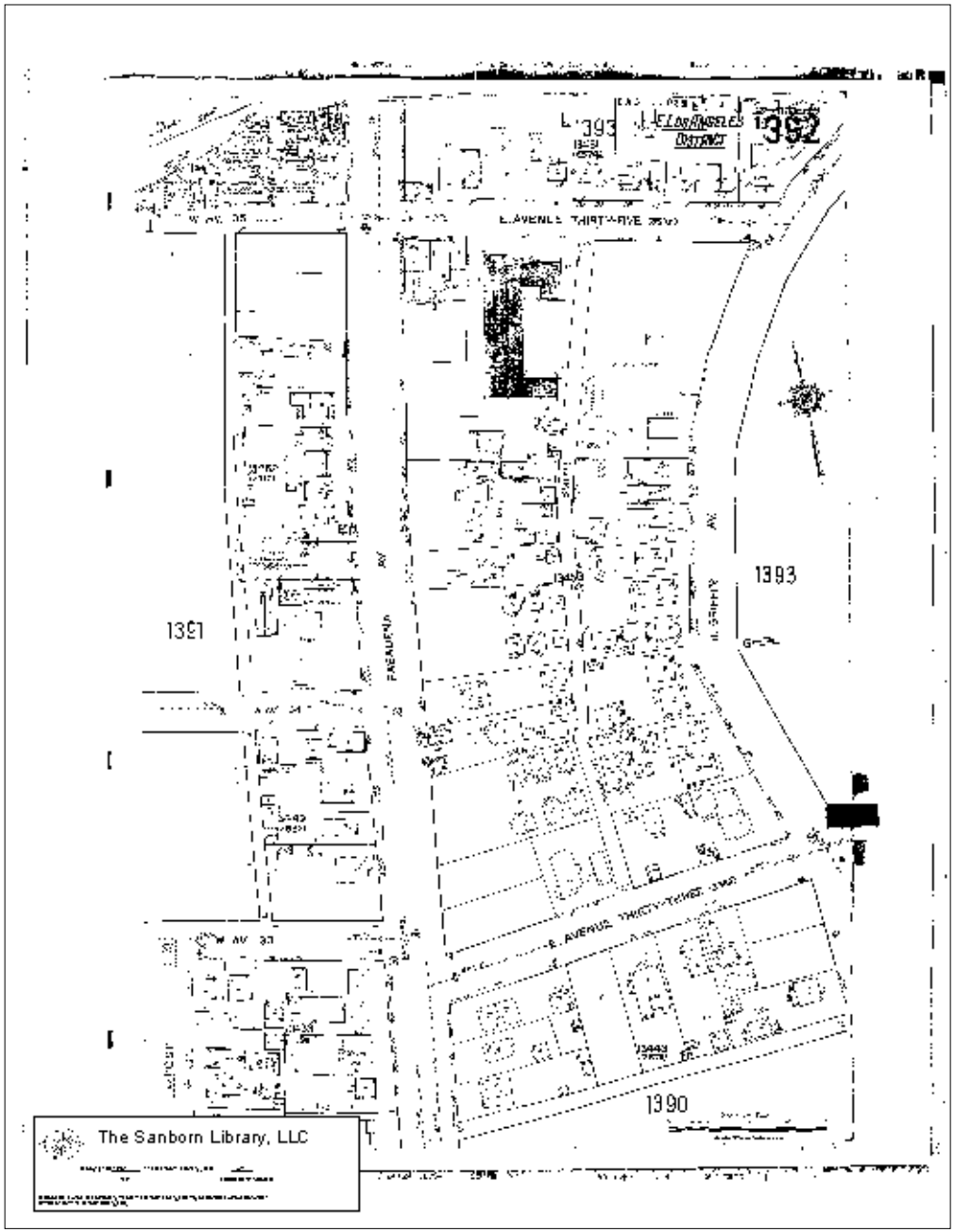
- Images are grouped intro one file, up to 2MB.
- In cases where in excess of 6-7 map years are available, the file size typically exceeds 2MB. In these cases, you will receive multiple files, labeled as "1 of 3", "2 of 3", etc. including all available map years.
- Due to file size limitations, certain ISPs, including AOL, may occasionally delay or decline to deliver files. Please contact your ISP to identify their specific file size limitations.

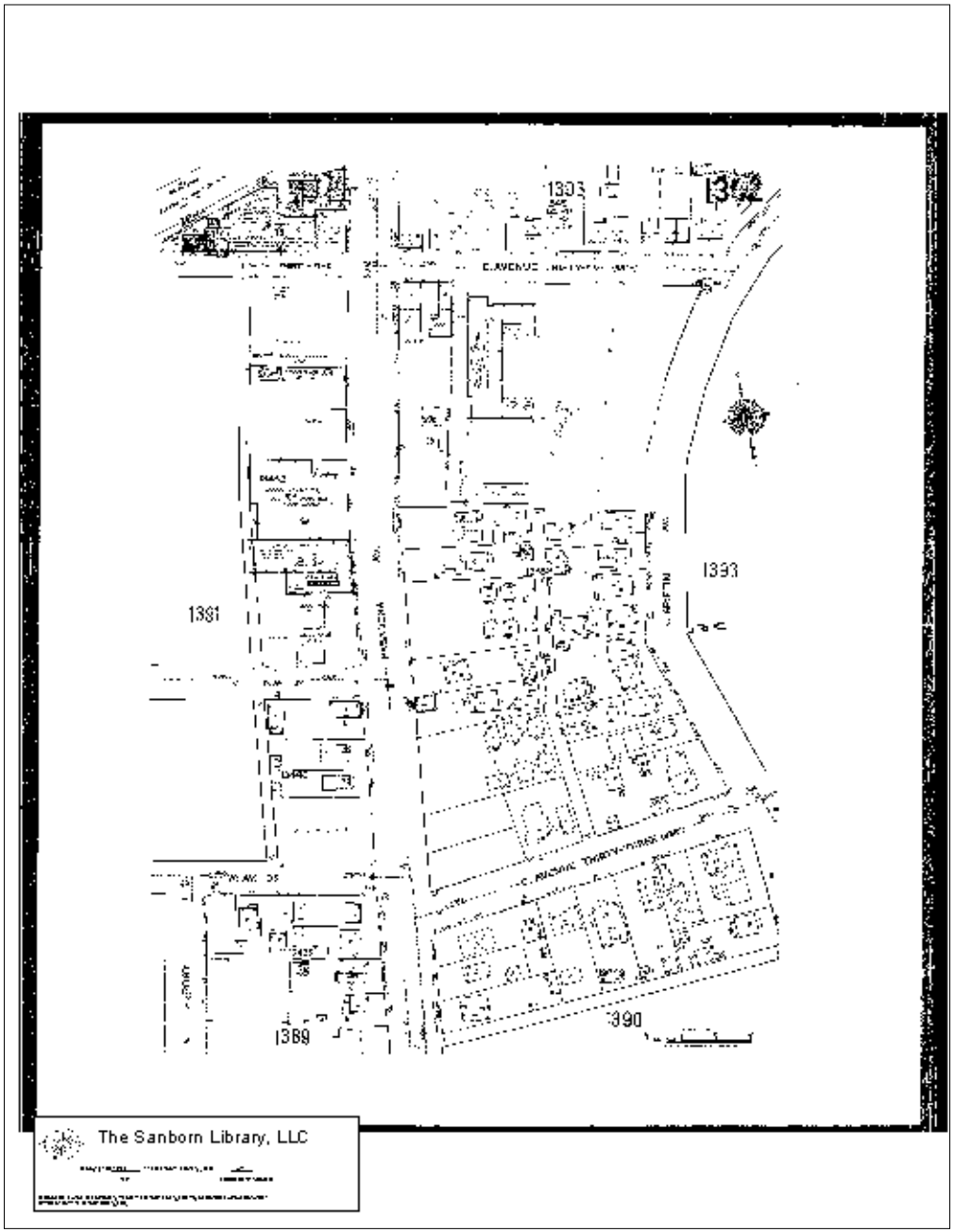


The Sanborn Library, LLC



The Sanborn Library, LLC


1392
1393
1391
1390
The Sanborn Library, LLC


1393
1392
1391
1389
1390
The Sanborn Library, LLC

The EDR-City Directory
Abstract

Ameripride Services Inc.
3505 Pasadena Avenue
Los Angeles, CA 90031

September 26, 2005

Inquiry Number: 1519350-5

EDR Environmental Data Resources Inc

The Standard In Environmental Risk Management Information

440 Wheelers Farms Road
Milford, Connecticut 06460

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802

Environmental Data Resources, Inc.
City Directory Abstract

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist professionals in evaluating potential liability on a target property resulting from past activities. ASTM E 1527-00, Section 7.3 on Historical Use Information, identifies the prior use requirements for a Phase I environmental site assessment. The ASTM standard requires a review of *reasonably ascertainable standard historical sources. Reasonably ascertainable means information that is publicly available, obtainable from a source with reasonable time and cost constraints, and practically reviewable.*

To meet the prior use requirements of ASTM E 1527-00, Section 7.3.4, the following *standard historical sources* may be used: aerial photographs, fire insurance maps, property tax files, land title records (although these cannot be the sole historical source consulted), topographic maps, city directories, building department records, or zoning/land use records. ASTM E 1527-00 requires *"All obvious uses of the property shall be identified from the present, back to the property's obvious, first developed use, or back to 1940, whichever is earlier. This task requires reviewing only as many of the standard historical sources as are necessary, and that are reasonably ascertainable and likely to be useful."* (ASTM E 1527-00, Section 7.3.2, page 12.)

EDR's City Directory Abstract includes a search and abstract of available city directory data.

City Directories
City directories have been published for cities and towns across the U.S. since the 1700s. Originally a list of residents, the city directory developed into a sophisticated tool for locating individuals and businesses in a particular urban or suburban area. Twentieth century directories are generally divided into three sections: a business index, a list of resident names and addresses, and a street index. With each address, the directory lists the name of the resident or, if a business is operated from this address, the name and type of business (if unclear from the name). While city directory coverage is comprehensive for major cities, it may be spotty for rural areas and small towns. ASTM E 1527-00 specifies that a *"review of city directories (standard historical sources) at less than approximately five year intervals is not required by this practice" (ASTM E 1527-00, Section 7.3.2.1, page 12.)*

NAICS (North American Industry Classification System) Codes
NAICS is a unique, all-new system for classifying business establishments. Adopted in 1997 to replace the prior Standard Industry Classification (SIC) system, it is the system used by the statistical agencies of the United States. It is the first economic classification system to be constructed based on a single economic concept. To learn more about the background, the development and difference between NAICS and SIC, visit the following Census website: http://www.census.gov/epcd/www/naicsdev.htm.

Please call EDR Nationwide Customer Service at
1-800-352-0050 (8am-8pm EST)
with questions or comments about your report.
Thank you for your business!

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of published and unpublished sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that no additional information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WITH RESPECT TO THE CONTENTS OF THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OR DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, and should not be relied on as providing any federal, state or local environmental risk evaluation or opinion for any property. Color Codes in Environmental Site Assessment, published by the environmental professional community, give generally recognized definitions of the risk codes. Additionally, this Report is not to be construed as legal advice.

Copyright 2005 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc. or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

4. SUMMARY

- *City Directories:*

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1920 through 2004. (These years are not necessarily inclusive.) A summary of the information obtained is provided in the text of this report.

This report compiles information by geocoding the subject properties (that is, plotting the latitude and longitude for such subject properties and obtaining data concerning properties within 1/16th of a mile of the subject properties). There is no warranty or guarantee that geocoding will report or list all properties within the specified radius of the subject properties and any such warranty or guarantee is expressly disclaimed. Accordingly, some properties within the aforementioned radius and the information concerning those properties may not be referenced in this report.

Date EDR Searched Historical Sources:
City Directories Sep 26, 2005

Target Property:
3505 Pasadena Avenue
Los Angeles, CA 90031

FIR ID Year	*Uses*	*NAICS*	*Source*
1910	Address not Listed in Research Source	N/A	Los Angeles Directory Co
1911	Address not Listed in Research Source	N/A	Los Angeles Directory Co
1913	Address not Listed in Research Source	N/A	Los Angeles Directory Co
1914	PAUCHS GYMNASIUM LAUNDRY MM PAUCH (1506)		Los Angeles Directory Co
1915	Address not Listed in Research Source	N/A	Los Angeles Directory Co
1916	Address not Listed in Research Source	N/A	Los Angeles Directory Co
1917	Address not Listed in Research Source	N/A	Suburban Directory Company Publishers
1918	Address not Listed in Research Source	N/A	Los Angeles Directory Co
1919	PAUCHS GYMNASIUM CLEANING CO INC MM PAUCHS LAUNDRY CO GENERAL SVC (1506)		Los Angeles Directory Co
1910	Address not Listed in Research Source	N/A	Los Angeles Directory Co
1911	Address not Listed in Research Source	N/A	Los Angeles Directory Company Publishers
1913	Address not Listed in Research Source	N/A	Los Angeles Directory Co
1911	PAUCHS GYMNASIUM CLEANING CO INC MM PAUCH AMUSEMENTS GENERAL MGR U (1506)		Los Angeles Directory Co
1914	Address not Listed in Research Source	N/A	Los Angeles Directory Co
1915	Address not Listed in Research Source	N/A	Los Angeles Directory Co
1916	Address not Listed in Research Source	N/A	Los Angeles Directory Co
1917	PAUCHS GYMNASIUM CLEANING CO INC MM PAUCH AMUSEMENTS GENERAL MGR U (1506)		Los Angeles Directory Co
1913	Address not Listed in Research Source	N/A	Los Angeles Directory Company Publishers
1919	Address not Listed in Research Source	N/A	Los Angeles Directory Co
1940	Address not Listed in Research Source	N/A	Los Angeles Directory Co
1941	PAUCHS GYMNASIUM AND UNIFORM CLEANING CO PHY BUY PAUSUPPLY CON (1506) PIANO TOPAUL OAPT (1506)		Los Angeles Directory Co
1944	Address not Listed in Research Source	N/A	R. L. Polk & Co
1945	Address not Listed in Research Source	N/A	R. L. Polk & Co
1946	Address not Listed in Research Source	N/A	Los Angeles Directory Co

PUR ID Year	Uses	NAICS	Source
1947	Address not used in Research Source	N/A	Pacific Grocery Co
1951	Address not used in Research Source	N/A	Los Angeles Grocery Co
1959	Address not used in Research Source	N/A	Los Angeles Grocery Co
1960	Address not used in Research Source	N/A	Pacific Telephone
1961	PASADENA LAUNDRY & DRY CLEANING CO (1505) PASADENA LAUNDRY & DRY CLEANING CO INC (1505) PASADENA LAUNDRY & DRY CLEANING CO INC (1505) PASADENA LAUNDRY & DRY CLEANING CO (1505) PASADENA LAUNDRY & DRY CLEANING CO INC (1505)		Los Angeles Grocery Co Publishers
1963	Address not used in Research Source	N/A	Los Angeles Grocery Co
1964	Address not used in Research Source	N/A	A. L. Polk & Co
1965	Address not used in Research Source	N/A	A. L. Polk & Co
1966	Address not used in Research Source	N/A	Pacific Telephone
1967	PARKS DRY CLEANING CO INC (1505)		Pacific Telephone
1968	BLOCK LAUNDRY & PARKS DRY CLEANING CO INC (1505) PURE SERVICE LINEN SUPPLY CO (1505) PARKS DRY CLEANING CO INC (1505)		Pacific Telephone
1969	PARKS INDUSTRIAL LAUNDRY & PLANT TOPICS (1505)		Pacific Telephone
1970	Address not used in Research Source	N/A	Lasky Graham & Co
1971	PARKS INDUSTRIAL LAUNDRY & PLANT TOPICS (1505) PURE SERVICE LINEN SUPPLY CO (1505) PARKS INDUSTRIAL LAUNDRY & PLANT TOPICS (1505) PARKS DRY CLEANING CO INC (1505)		Pacific Telephone
1973	Address not used in Research Source	N/A	Pacific Telephone
1974	Address not used in Research Source	N/A	Pacific Telephone
1975	Address not used in Research Source	N/A	Pacific Telephone
1976	Address not used in Research Source	N/A	Pacific Telephone
1977	PARKS DRY CLEANING CO INC (1505)		Pacific Telephone
1978	Address not used in Research Source	N/A	Pacific Telephone
1979	Address not used in Research Source	N/A	Pacific Telephone
1980	PARKS DRY CLEANING CO INC (1505)		GT-S
1981	PARKS DRY CLEANING CO INC (1505)		Pacific Telephone

PUR ID Year	Uses	NAICS	Source
1967	PARKS INDUSTRIAL LAUNDRY & PLANT TOPICS (1505) PARKS DRY CLEANING CO INC (1505)		A. L. Polk & Co
1969	Address not used in Research Source	N/A	Pacific Telephone
1970	PARKS INDUSTRIAL LAUNDRY & PLANT TOPICS (1505) PARKS INDUSTRIAL LAUNDRY & PLANT TOPICS (1505)		A. L. POLK & CO
1971	PARKS DRY CLEANING CO INC (1505)		R&G Publications
1972	Address not used in Research Source	N/A	A. L. Polk & Co
1975	PARKS INDUSTRIAL LAUNDRY & PLANT TOPICS (1505) PARKS INDUSTRIAL LAUNDRY & PLANT TOPICS (1505) TOPICS (1505) PARKS INDUSTRIAL LAUNDRY & PLANT (1505)		Pacific Telephone
1976	Address not used in Research Source	N/A	A.L. Polk & co Publishers
1980	PARKS UNIFORM RENTAL PASADENA LAUNDRY & CLEANING (1505)		Pacific Telephone
1981	PARKS UNIFORM RENTAL (1505) PARKS DRY CLEANING CO INC (1505)		Pacific Telephone
1985	PARKS UNIFORM RENTAL (1505)		Pacific Bell
1986	PARKS DRY CLEANING CO INC SEE PARKS UNIFORM RENTAL (1505) PARKS UNIFORM RENTAL (1505)		Pacific Bell
1990	PARKS DRY CLEANING CO INC (1505) PARKS UNIFORM RENTAL (1505)		Pacific Bell
1991	Address not used in Research Source	N/A	Pacific Bell
1995	Address not used in Research Source	N/A	Pacific Bell Telephone
1996	Address not used in Research Source	N/A	GT-S
1999	PARKS CYRIL (1505)		Pacific Bell Telephone
1999	Address not used in Research Source	N/A	Hance & Company, Inc
1999	Address not used in Research Source	N/A	Hance & Company
1999	Address not used in Research Source	N/A	Hance Company

Adjoining Properties

SURROUNDING
Multiple Addresses
Los Angeles, CA 90031

PUR ID Year	Uses	NAICS	Source
1910	Address not Listed in Research Source	N/A	Los Angeles Directory Co
1911	Address not Listed in Research Source	N/A	Los Angeles Directory Co
1913	Address not Listed in Research Source	N/A	Los Angeles Directory Co
1914	''PASADENA AVE''	-	Los Angeles Directory Co
	SMITH WM FLOOR CLNR (1500)		
1915	Address not Listed in Research Source	N/A	Los Angeles Directory Co
1916	Address not Listed in Research Source	N/A	Los Angeles Directory Co
1917	Address not Listed in Research Source	N/A	Suburban Directory Company Publishers
1918	Address not Listed in Research Source	N/A	Los Angeles Directory Co
1919	''PASADENA AVE''	-	Los Angeles Directory Co
	LIPPINCOTT JAY GAS&SM (1454)		
	LIPPINCOTT WM P SYLVIA ASSIST GAS REGULATOR CO (1454)		
	TRACY LIPPINCOTT A NETA ASSLYR GEO JAYNUD CO H (1454)		
	WILLIAMSBOYD & SLOCTN H (1454)		
	ASSIST GAS REGULATOR CO OF LIPPINCOTT L A MACY (1456)		
	SMITH WM FLUCY CLOCLNR (1500)		
	MURRAY & STAGGMATT S MURRAY W J STAGGM SIGN PNTRS (1503)		
1919	Address not Listed in Research Source	N/A	Los Angeles Directory Co
1911	Address not Listed in Research Source	N/A	Los Angeles Directory Company Publishers
1913	Address not Listed in Research Source	N/A	Los Angeles Directory Co
1911	Address not Listed in Research Source	N/A	Los Angeles Directory Co
1914	Address not Listed in Research Source	N/A	Los Angeles Directory Co
1915	Address not Listed in Research Source	N/A	Los Angeles Directory Co
1916	Address not Listed in Research Source	N/A	Los Angeles Directory Co
1917	''PASADENA AVE''	-	Los Angeles Directory Co
	SCOTT & GYSMALL UNTSMING CO MFG S&SSH & SCOTT & SMSMGOSMY MAC (1456)		
1913	Address not Listed in Research Source	N/A	Los Angeles Directory Company Publishers
1919	Address not Listed in Research Source	N/A	Los Angeles Directory Co

PUR ID Year	Uses	NAICS	Source
1940	Address not Listed in Research Source	N/A	Los Angeles Directory Co
1941	''PASADENA AVE''	-	Los Angeles Directory Co
	SCOTT & GYSMALL UNTSMING CO MFG S G SCOTT & SMSMGOSMY MACHN (1456)		
1944	Address not Listed in Research Source	N/A	R L Polk & Co
1945	Address not Listed in Research Source	N/A	R L Polk & Co
1946	Address not Listed in Research Source	N/A	Los Angeles Directory Co
1947	Address not Listed in Research Source	N/A	Pacific Directory Co
1948	Address not Listed in Research Source	N/A	Los Angeles Directory Co
1949	Address not Listed in Research Source	N/A	Los Angeles Directory Co
1950	Address not Listed in Research Source	N/A	Pacific Telephone
1951	''PASADENA AVE''	-	Los Angeles Directory Co/Publishers
	IGS GEMMANGM A (1454)		
	PASADENA AVY (1454)		
	PASADENA AVY SMNGS CAN (1458)		
1953	Address not Listed in Research Source	N/A	Los Angeles Directory Co
1954	Address not Listed in Research Source	N/A	R L Polk & Co
1955	Address not Listed in Research Source	N/A	R L Polk & Co
1956	Address not Listed in Research Source	N/A	Pacific Telephone
1957	Address not Listed in Research Source	N/A	Pacific Telephone
1958	''PASADENA ST''	-	Pacific Telephone
	MARTENS MANG A (1454)		
	JEANSCAN (1453)		
1960	Address not Listed in Research Source	N/A	Pacific Telephone
1961	Address not Listed in Research Source	N/A	Lusby Graham & Co
1963	''PASADENA''	-	Pacific Telephone
	JEANSCAN (1453)		
1963	Address not Listed in Research Source	N/A	Pacific Telephone
1964	Address not Listed in Research Source	N/A	Pacific Telephone
1965	Address not Listed in Research Source	N/A	GTE
1966	Address not Listed in Research Source	N/A	Pacific Telephone

PUR ID Year	Uses	NAICS	Source
1967	``FASADENA`` LUCKMOHAYSION SERVICE (1451) MIASMAAY (1454) LEE SUAT (1454)	.	A. L. Polk & Co.
1969	Address not Located in Research Source	N/A	Pacific Telephone
1970	Address not Located in Research Source	N/A	A. L. POLK & CO
1971	Address not Located in Research Source	N/A	R&G Publications
1973	Address not Located in Research Source	N/A	A. L. Polk & Co.
1975	Address not Located in Research Source	N/A	Pacific Telephone
1976	Address not Located in Research Source	N/A	A.L. Polk & co/Publishers
1980	Address not Located in Research Source	N/A	Pacific Telephone
1981	``FASADENA,CA'E`` CLARA S FASHIONS (1451) RAHIMEE ISMAEL (1454) REYERA CONCEPCION (1454) MINI BUSINESS SERVICE (1456) ALEX PM PRINTING (1456) H & S CALIFORNIA (1500)	.	Pacific Telephone
1985	Address not Located in Research Source	N/A	Pacific Bell
1986	``FASADENA,CA'E`` OSCAR VILLA SIMON (1454) HAI LAU (1456) CHUY CALIFORNIA (1500)	.	Pacific Bell
1990	``FASADENA,CA'E`` YANLING SHENG (1451) MARTINEZ IMELDA P (1454) NAYA GABRIEL (1454) URQUILLA MARIANA (1454) DYNASTY FASHION (1456) CHUY CALIFORNIA (1500)	.	Pacific Bell
1991	Address not Located in Research Source	N/A	Pacific Bell
1995	``FASADENA,CA'E`` YANLING SHENG (1451)	.	Pacific Bell Telephone

PUR ID Year	Uses	NAICS	Source
1995 (continued)	OSCAR VILLA SIMON (1454) MARTINEZ IMELDA (1454)		
1996	Address not Located in Research Source	N/A	GTE
1999	``FASADENA,CA'E`` YT FASHION (1451) MAUCHAUCHI MARIA (1454) MARTINEZ IMELDA (1454) CASHAUTOBUYERS (1500) S & N MOTORS (1500) MARIQUINLUIS A (1500)	.	Pacific Bell Telephone
2001	Address not Located in Research Source	N/A	Haines & Company, Inc
2001	Address not Located in Research Source	N/A	Haines & Company
2004	Address not Located in Research Source	N/A	Haines Company

SHEET 1

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
Water Conservation Division
WELL DATA

Owner: Los Angeles Water Department

Location and Description: Florence Nightingale Schoolgrounds
33 N.E. of Cuthess Avenue
42 S.E. of Alton Street

Use: Test hole

Elev. of average grd. at well: _____ U.S.G.S. Datum

Elev. of grd. adjacent to well: 366.60' U.S.G.S. Datum

Water surface reported as follows:

(a) From 11-4-38 To _____ Elev. 366.60' How det. Owner's Levels
Description: Top of casing at ground surface

(b) From _____ To _____ Elev. _____ How det. _____
Description: _____

(c) From _____ To _____ Elev. _____ How det. _____
Description: _____

(d) From _____ To _____ Elev. _____ How det. _____
Description: _____

Type of well: Rotary Drilled Size 8"-84

Original depth: 84' Sounding: _____

Pumping equipment: None

Power used: _____

Capacity: _____ Drawdown: _____

Date drilled: October 29, 1938 (C.A. Tomson) L.A. City W & P

Artesian characteristics: _____

Quality of water: _____

Remarks: 2-9-71 Unable to locate original well data card, comprised this card from data received from L.A.C.W.&P.Div 2-4-71, JCR
See U.S.G.S. Water Supply Paper #112, Page 42
(Extends Homer-Hamlin Thrust to North)

(over)

Well Number 1/2/2E 24

D.W.R. Number #13

Lot _____ B.M. _____

F.C. 2781

LOG OF WELL NO. 2781

From	To	Classification of Materials	From	To	Classification of Materials
0	4	Adobe fill			
4	14	Cemented sand & gravel			
14	26	Sandy gray clay			
26	31	Sand, gravel & clay			
31	36	Brown clay			
36	38	Sand & gravel			
38	62	Layers of shale & sandstone			
62	81	Black shale			
81	84	Layers sandstone & shale			

Perforations: Open end at 84'

Strata water is _____

Water level before pert. _____ after pert. _____

Remarks: _____

(over)

U. S. Dept. Navy 194-- SE 9-16

Sheet 1

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DEPARTMENT
WELL DATA

Well Number

Location and description 21 rods S. of South Line of Section

25 E. of East Center of Rancho

Description of reference point (Top of casing)

R. P. elev. above sea level 352.46 Datum Land

How determined

R. P. elev. above, below, ground

Owner L.A.V.F.D.

Use

Capacity of well

Depth of well 76'

Size of well 7" Type

Power used

Type of motor, engine Make HP

Type of pump None Make

Capacity of pump

Year drilled or dug Driller

Depth to water when drilled

Salinity of water

Temperature of water

Artesian when drilled Yes No

Artesian on date Yes No

L.A.V.F.D. Well #27-1-I

LOG OF WELL NO. 27-1-I

Drilled by Victor Engs

Date drilled 1921

Depth from ground surface

Struck water at ft. from ground.

Water rose to ft. from ground.

FROM	TO	CLASSIFICATION OF MATERIALS
0	3	Top Soil Sandy
3	5	Sand
5	7	Coarse Sand & Gravel
7	10	Sand
10	12	Sand & gravel
12	16	Sand & small Pebbles
16	26	Coarse Sand & gravel
26	30	Packed Sand & Gravel
30	34	Coarse Sand & Gravel
34	35	Sand
35	38	Coarse Sand & gravel
38	45	Small Sand & gravel
45	49	Sand & gravel Mud
49	57	Sand & gravel Coarse
57	61	Sand, Packed
61	68	Sand & gravel Mud
68	76	Sand & gravel Fine, some Yellow Clay

APPENDIX H
GENERAL FIELD PROCEDURES

STANDARD PROTOCOL FOR MONITORING WELL CONSTRUCTION AND DEVELOPMENT

Monitoring Well Construction

All groundwater monitoring wells are constructed with flush threaded, 4 inch-outside-diameter (O.D.), Schedule 40 PVC blank casing and 4-inch-O.D., machine slotted PVC screen. The screened interval extends approximately 5 feet above the static water level. The annular space between each well screen and borehole is packed with a clean, graded sand, which extends from the bottom of the borehole to 2 feet above the screened interval. During emplacement of the filter pack, the well was surged in approximately 3-foot intervals, which forces groundwater to flow into and out of the well screen and allows the filter pack to settle effectively and fine-grained sediments to break up, become suspended, and then migrate into the well.

A 2- to 3-foot bentonite pellet seal is placed above the sand pack followed by a hydrated bentonite chip or bentonite grout sanitary seal to approximately 3 feet below grade. Concrete is placed to ground surface, and both a locking cap and traffic-rated, watertight vault box are installed.

Well Development

Monitoring wells are developed with a SMRAT-5 Development Rig using standard surging and bailing techniques prior to groundwater sampling. Each monitoring well is surged using an appropriately sized surge block attached to a 10-foot section of steel AW rod and a stainless steel line. The wells are then bailed with a clean stainless steel bailer to remove silts and clays which have migrated into the well borehole. The wells are further developed by having a minimum of 10 casing volumes of groundwater removed by pumping or bailing. This reduces the turbidity of the water-bearing zone and allows representative aquifer water to enter the well. During development, water temperature, pH, conductivity, and turbidity are monitored at least one time per casing volume removed.

Surveying

The well lid and top of casing are surveyed by a State licensed land surveyor to a City or County benchmark. Longitude and Latitude is also collected for each well location, and results of the survey are uploaded to the State of California Water Resources Database (Geotracker).

Groundwater Monitoring and Sample Collection

The depth to groundwater and well total depth is measured in all wells using an electronic oil/water interface probe. If free product is present in the well, its thickness is noted at this time. Wells which contain free product are not sampled because the purging process may "smear" the free product and affect previously unaffected soil below the water table.

The volume of groundwater in each well is calculated using the measurements acquired above. Each well is purged of at least three casing volumes prior to collection of groundwater samples. The temperature, pH, conductivity, and turbidity of the groundwater is measured at intervals and sampling may also occur after these parameters have stabilized (less than 10% change over 3 measurements), indicating that a representative sample from the saturated zone is attained.

Prior to sampling and between samples, all reusable sampling equipment is decontaminated by washing in a detergent solution (phosphate free) and water. The equipment is then double-rinsed with water.

Ground water samples are then collected with a disposable 2-inch-diameter polyethylene bailer with a stopcock, which is lowered down the well via nylon cord. After reaching static water level, the bailer is gently bobbed up and down allowing the groundwater to fill the bailer. The bailer is retrieved from the well and a sampling port is attached to the bottom of the bailer. The groundwater is collected in the appropriate glassware and sealed. After sample collection, the disposable bailer, nylon cord, sampling port, and nitrile gloves are disposed of and a new set is used for the next well to be sampled. All groundwater samples being analyzed for EPA Method 8015M (TPH) are decanted into 1 liter amber bottles and all groundwater samples being analyzed for 8020 (BTEX) are decanted into 40-milliliter glass vials with Teflon septum, that have been preserved with hydrochloric acid (HCL), sealed, labeled, and either immediately hand delivered to an on-site mobile laboratory or stored in airtight plastic bags, placed in a thermally insulated chest with ice and couriered or shipped under chain-of custody procedures to a State-certified hazardous waste testing laboratory. The sample labels attached to each sample vial identify a specific identification number specific to that sample vial and also identify the location of that sample as well as the date the sample was collected, and the type of analysis to be performed on the sample.

A sample blank and trip blank are also obtained for analysis. The sample blank is a vial of distilled water that is circulated through the bailer prior to sampling. The trip blank is a vial of distilled water included in the thermally-insulated ice chest during sampling and shipping. These blanks are used to provide an indication of contamination introduced as a consequence of the sampling and shipping procedure.

Purged groundwater and decontamination water is transferred to Department of Transportation-approved, 55 gallon drums and temporarily stored onsite or transported offsite in a vacuum truck for disposal. After receipt of analytical results, the drums of decontamination water are transported offsite under waste manifest for disposal.

ENSR

APPENDIX I
HEALTH AND SAFETY PLAN

AmeriPride

Health and Safety Plan

Environmental Investigation
Performed at Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles , California

October 2005

Prepared By: Joseph Sanders — Date: October 21, 2005
Regional Health & Safety Manager

Approved by: Joseph Sanders, CIH — Date: October 21, 2005
Regional Health and Safety Manager

Approved by: _____ — Date: October 21, 2005
Project Manager

10770-002-200

CONTENTS

1. INTRODUCTION 1

1.1. Purpose 1

1.2. Modifications 1

1.3. Approval and Dissemination 2

1.4. Responsibilities 2
1.4.1. Project Manager 2
1.4.2. Regional Health and Safety Manager 2
1.4.3. Site Safety Officer 3
1.4.4. Field Personnel 4

2. SITE HISTORY / DESCRIPTION 5

2.1. Property Location and History 5

3. SCOPE OF WORK 6

4. HAZARD ASSESSMENT 7

4.1. Chemical Hazards 7
4.1.1. Gasoline 7
4.1.2. Methyl Tertiary Butyl Ether 8

4.2. Chlorinated Hydrocarbons 8
4.2.1. Chlorinated Solvents Associated With Degreasers 8
4.2.2. Hazardous Properties of Potential Chemical Contaminants 9
4.2.3. Hazardous Substances Brought On-Site by ENSR or Subcontractor 9

4.3. Hazard Potential / Control 10
4.3.1. Hazard Potential 10
4.3.2. Hazard Control 10

5. PHYSICAL HAZARDS 11

5.1. Traffic Concerns 11

5.2. Utility Hazards 11
5.2.1. Underground Utilities 11
5.2.2. Overhead Utilities 12

5.3. Drilling Hazards 12
5.3.1. Conventional Drilling 12

5.4. Cuts and Lacerations 13

5.5. Electrically Powered Tools 14

5.6. Back Safety 15

5.7. Thermal Stress 15
5.7.1. Heat Stress 15

6. AIR MONITORING 18

6.1. Direct Reading Instrumentation 18

6.2. Personal Exposure Monitoring 18

6.3. Calibration and Recordkeeping 18

7. PERSONAL PROTECTIVE EQUIPMENT 19

7.1. Protective Clothing 19

7.2. Respiratory Protection 19

7.3. Other Safety Equipment 20

8. SITE CONTROL 21

8.1. Designation of Zones 21

8.2. Exclusion Zone 21

8.3. Contamination Reduction Zone 21

8.4. Support Zone 21

8.5. Safety Measures/Precautions 21

9. DECONTAMINATION 23

10. MEDICAL/TRAINING REQUIREMENTS 24

10.1. Medical Surveillance 24
10.1.1. Drug and Alcohol Testing 24

10.2. Training 24

10.3. Site Safety Meetings 24

11. AUDITS AND INSPECTIONS 25

12. INCIDENT RESPONSE 26

12.1. Emergencies 26

12.2. Incident Reporting/Investigation 27
12.2.1. ENSR Requirements 27
12.2.2. AmeriPride Requirements 28

1. INTRODUCTION

1.1. Purpose

This Health and Safety Plan (HASP) has been developed by ENSR Corporation (ENSR). The purpose of this plan is to minimize potential risk to personnel implementing environmental investigation, including soil boring, well installation, and soil and water sampling, at the former Welch's Uniform site, located at 3505 Pasadena Avenue, in Los Angeles, California. The provisions of this HASP apply to ENSR personnel who will be potentially exposed to safety and/or health hazards associated with the investigative tasks outlined in Section 3.0 of this HASP.

This HASP has been written to comply with the California Occupational Safety and Health Administration's (Cal-OSHA) Hazardous Waste Operations and Emergency Response Standard (Title 8, California Code of Regulation Section 5192). All activities covered by this HASP must be conducted in complete compliance with all applicable federal, state and local health and safety regulations. Personnel covered by this HASP who cannot or will not comply with these requirements will be excluded from site activities

1.2. Modifications

Every effort has been made to address the hazards associated with the types of chemical contamination that may be encountered at this site. Similarly, this document also discusses the physical hazards associated with the typical types of activities that may be performed by ENSR employees or subcontractors during an environmental investigation. Unanticipated site-specific conditions or situations may occur during the implementation of the proposed environmental investigations that are not addressed in this document. As such, this HASP must be considered a working document that is subject to change to meet the needs of each site investigation.

Prior to working at this site, the Project Manager (PM) or Field Technician will review with the Regional Health and Safety Manager (RHSM), the scope of work and the expected nature and extent of contamination at the site. If unique site hazards are present or different investigative tasks are proposed that have not been addressed in this HASP, it will be necessary to modify this HASP. All proposed modifications to this HASP must be reviewed and approved by the RHSM before such modifications are implemented in the field. Modifications to the HASP will be incorporated into the document as addenda.

1.3. Approval and Dissemination

All ENSR personnel covered by this HASP must read a copy of it and return the HASP signoff sheet (Attachment A) to the ENSR Site Safety Officer (SSO) prior to the start of on-site activities.

1.4. Responsibilities

The implementation of health and safety at this project location will be the shared responsibility of the ENSR Project Manager (PM), the ENSR Regional Health and Safety Manager (RHSM), the ENSR Project Site Safety Officer (SSO) and all other ENSR personnel.

1.4.1. Project Manager

The ENSR PM (Jeff Otter) is responsible for ensuring that the requirements of this HASP are implemented at this project location. Some of the PM's specific responsibilities include:

- Assuring that all personnel to whom this HASP applies have received a copy of it;
- Providing the RHSM with updated information regarding environmental conditions at the site and the scope of site work;
- Providing adequate authority and resources to the on-site SSO to allow for the successful implementation of all necessary safety procedures;
- Supporting the decisions made by the SSO and RHSM;
- Maintaining regular communications with the SSO and, if necessary, the RHSM; and,
- Providing project scheduling and planning activities.

1.4.2. Regional Health and Safety Manager

The ENSR RHSM (Joe Sanders) is the individual responsible for the preparation, interpretation and modification of this HASP. Modifications to this HASP which may result in less stringent precautions cannot be undertaken by the PM or the SSO without the approval of the RHSM. Specific duties of the RHSM include:

- Writing, approving and amending the HASP for this project;
- Advising the PM and SSOs on matters relating to health and safety;

- Recommending appropriate personal protective equipment (PPE) and air monitoring instrumentation; and

- Maintaining regular contact with the PM and SSO to evaluate the conditions at the property and new information which might require modifications to the HASP.

1.4.3. Site Safety Officer

All ENSR field technicians are responsible for implementing the safety requirements specified in this HASP. However, one field technician will serve as the SSO at each site. The SSO will be appointed by the PM for the investigation at this AmeriPride site. S/he will be on-site during all activities covered by this HASP. The SSO is responsible for enforcing the requirements of this HASP once work begins. The SSO has the authority, and the responsibility, to immediately correct all situations where noncompliance with this HASP is noted and to immediately stop work in cases where an immediate danger is perceived. Some of the SSO's specific responsibilities include:

- Assuring that all ENSR personnel to whom this HASP applies have submitted a completed copy of the HASP sign-off form;

- Assuring that all ENSR personnel to whom this HASP applies have attended a pre-entry briefing prior to entering a restricted area;

- Maintaining a high level of health and safety consciousness among ENSR employees at the work site;

- Procuring and distributing the PPE needed for this project for ENSR employees;

- Procuring the air monitoring instrumentation required and performing air monitoring for ENSR activities;

- Verifying that all PPE and health and safety equipment used by ENSR employees is in good working order;

- Setting up and maintaining the cleanup zone within the restricted areas;

- Notifying the PM of all noncompliance situations and stopping work in the event that an immediate danger situation is perceived;

- Monitoring and controlling the safety performance of ENSR personnel within the established restricted areas to ensure that required safety and health procedures are being followed and correcting any deficiencies;

- Conducting accident/incident investigations and preparing accident/incident investigation reports;

- Conducting the pre-entry briefing as required by Section 9.3 of the HASP; and,

- Initiating emergency response in accordance with Section 10.0 of this HASP.

1.4.4. Field Personnel

All ENSR personnel are responsible for following the health and safety procedures specified in this HASP and for performing their work in a safe and responsible manner. Some of the specific responsibilities of the field personnel are as follows:

- Reading the HASP in its entirety prior to the start of on-site work;

- Submitting a completed HASP Acceptance Form and documentation of medical surveillance and training to the SSO prior to the start of work;

- Attending the pre-entry briefing prior to beginning on-site work;

- Bringing forth any questions or concerns regarding the content of the HASP to the PM or the SSO prior to the start of work;

- Reporting all accidents, injuries and illnesses, regardless of their severity, to the ENSR SSO; and,

- Complying with the requirements of this HASP and the requests of the SSO.

2. SITE HISTORY / DESCRIPTION

2.1. Property Location and History

The subject property, former Welch's Uniform site, is located at 3505 Pasadena Avenue, in Los Angeles, California. The site is currently vacant.

3. SCOPE OF WORK

The current scope of work will be to perform soil boring and well installation on this former Welch's Uniform site. The soil boring and well installation will be performed with a hollow-stem auger (HAS), however some soil boring may be performed with hand tools. Well installation will be completed for some soil borings. Soil and water samples may be collected.

4. HAZARD ASSESSMENT

The following chemical and physical hazard assessment applies to the proposed tasks as described in Section 3.0.

4.1. Chemical Hazards

The following types of chemicals may be present as contaminants of concern during the proposed investigation at this property.

- Petroleum hydrocarbons including total petroleum hydrocarbons-gasoline type (TPH-G), total petroleum hydrocarbons-Diesel type (TPH-D), benzene, toluene, ethylbezene and xylene (BTEX) and MTBE associated with use as a gasoline additive; and
- Chlorinated hydrocarbons, Trichloroethylene (TCE), and perchloroethylene (PCE).

4.1.1. Gasoline

Gasoline is a highly complex mixture of more than 150 aliphatic and aromatic hydrocarbons including small amounts of benzene, toluene, xylene, and sometimes additives, such as tetraethyl lead or methyl tertiary butyl ether. The actual composition varies with the source of the crude petroleum, the manufacturer, and the time of year.

Gasoline is a colorless, pale brown, or pink liquid. Gasoline is very flammable; it catches on fire quite easily, evaporates quickly, and forms explosive mixtures with air. Most people can begin to smell gasoline at 0.25 parts of gasoline per million parts of air (ppm). Gasoline may be present in the air, groundwater, and soil. Gasoline does not dissolve readily in water. However, some of the chemicals that make up gasoline can dissolve easily in water.

Exposure to the vapors of gasoline above its exposure limit may produce irritation of the mucous membranes of the upper respiratory tract, nose and mouth. Overexposure may also result in the depression of the central nervous system. Symptoms of such exposure include drowsiness, headache, fatigue and drunken-like behaviors. Another common effect is irritation of the skin and mucous membranes of the upper respiratory tract. Repeated or prolonged skin contact may result in dermatitis due to defatting of the skin.

The American Conference of Governmental Industrial Hygienists (ACGIH) has recommended a threshold limit value (TLV) of 300 ppm for gasoline as an 8-hour time weighted average (TWA).

4.1.1.1. Fuel Oils (Diesel, etc.)

Fuel oils are generally considered to be of moderate to low toxicity. Federal or recommended airborne exposure limits have not been established for the vapors of fuel oils. However, inhalation of low concentrations of the vapor of either may cause mucous membrane irritation. Inhalation of high concentrations of the vapors may cause extensive pulmonary edema. Chronic direct skin contact with the liquids may produce skin irritation as a result of defatting. Repeated skin contact may also cause irritation of the hair follicles and block the sebaceous glands. This produces a rash of acne pimples and spots, usually on the arms and legs.

4.1.2. Methyl Tertiary Butyl Ether

Methyl tertiary butyl ether (MBTE) is an additive used to increase the octane ratings of gasoline. Direct contact with the liquid may cause minor skin and eye irritation. Prolonged or repeated inhalation of MTBE vapor may cause irritation of the respiratory tract as well as depression of the central nervous system. The ACGIH recommends a TLV of 50 ppm, as an 8-hr TWA.

4.2. Chlorinated Hydrocarbons

4.2.1. Chlorinated Solvents Associated With Degreasers

Chlorinated organic compound contamination may be present at some properties due to the previous uses of the property including auto repair garages which typically use or have used chlorinated solvents for the degreasing of metal parts. Off-site sources, such as dry-cleaning operations, may also be a source of chlorinated solvent contamination. Typical solvents include tetrachloroethylene (perchloroethylene) and trichloroethylene (TCE).

Overexposure to the chlorinated organic solvents that may be present in the site groundwater and soils may result in depression of the central nervous system, symptoms of which include, dizziness, headache, giddiness and drunken-like behaviors. Chronic overexposures can result in liver and kidney damage. The OSHA PEL for trichloroethylene and tetrachloroethylene is 100 ppm. The ACGIH recommends a TLV of 50 ppm for trichloroethylene and 25 ppm for tetrachloroethylene.

4.2.2. Hazardous Properties of Potential Chemical Contaminants

Chemical Name	PEL[1]	TLV[2]	VP[3]	VD[4]	SG[5]	SOL[6]	FP[7]	LEL[8]	UEL[9]
Gasoline	NE	300	>400	3	0.8	Neg.	<-40	1.4	7.6
Benzene	1	0.5	75	2.8	0.88	0.07	12	1.2	7.8
Toluene	200	50	21	3.1	0.87	0.07	40	1.1	7.1
Ethylbenzene	100	100	7	3.7	0.87	0.01	55	0.8	6.7
Xylene	100	100	7	3.7	0.88	0.02	90	0.9	6.7
MTBE	NE	50	245	3.0	0.74	2	-15	1.5	?
Diesel Fuel Oil	NE	NE	0.5	>2	0.85	Neg.	>52	0.6	7.0
Trichloroethylene	100	50	58	4.5	1.5	0.1	?	8.0	10.5
Tetrachloroethane	100	25	14	5.9	> 1	0.02	NA	NA	NA

1 Permissible Exposure Limit in ppm
2 Threshold Limit Value in ppm
3 Vapor Pressure in mm Hg
4 Vapor Density (air = 1)
5 Specific Gravity (water = 1)
6 Solubility in Water in %
7 Flash Point in F
8 Lower Explosive Limit in % by volume
9 Upper Explosive Limit in % by volume
NE = Not Established
NA = Not Applicable
? = Not known

4.2.3. Hazardous Substances Brought On-Site by ENSR or Subcontractor

A material safety data sheet (MSDS) must be available for each hazardous substance that ENSR or subcontractor brings onto the property. This includes solutions/chemicals that will be used to decontaminate sampling equipment. For this program, Alconox soap is the only solution being used to decontaminate sampling equipment.

In addition, all containers of hazardous materials must be labeled in accordance with OSHA's Hazard Communication Standard. Either the original manufacturer's label or an NFPA 704M label specific for the material (as shown at the right) is considered to be an acceptable label.

4.3. Hazard Potential / Control

4.3.1. Hazard Potential

The potential hazardous exposures based on the proposed activities include:

- Dermal or respiratory exposure to potential contaminants during soil boring and sampling activities; and
- Physical hazards, as discussed in Section 5, below.

4.3.2. Hazard Control

Hazards can be identified and controlled in several ways.

- To reduce the potential for exposure to contaminants, personal protective equipment (PPE), as described in Section 7.1 of this HASP, will be worn; and
- Protection from physical hazards, as addressed in Section 5.

5. PHYSICAL HAZARDS

5.1. Traffic Concerns

Although the site is currently vacant, soil borings and monitoring wells may be located in the street. Therefore, vehicles may be moving through work areas or entering and exiting the property on an ongoing basis during the day. Employees should don traffic safety vests and set up cones to increase their visibility to motorists. Also, drilling vehicles will be used, and must be directed in backing or moving when employees may be exposed.

For soil borings and wells to be installed in the road or right of way, a full traffic control plan (TCP) will be required to protect employees and prevent traffic concerns for the public. Employees must wear traffic vests (minimum Type II), use cones or safety barricades to control traffic, and hire flaggers if necessary, as well as filing a traffic control plan with the authorities.

5.2. Utility Hazards

5.2.1. Underground Utilities

ENSR will contact the appropriate utility clearance organization in California to request a mark-out of natural gas, electric, telephone, cable television, water and sewer lines in the proposed boring or excavation locations. Work will not begin until the required utility clearances have been performed. Table 1 summarizes the utility clearance requirements in Southern California. Public utility clearance organizations typically do not mark-out underground utility lines that are located on private property. ENSR must exercise due diligence and try to identify the location of any private utilities, as well as dispensing lines, on the properties being investigated. ENSR can fulfill this requirement in several ways, including:

- Obtaining as-built drawings for the areas being investigated from the property owner;
- Visually reviewing each excavation location with the property owner or knowledgeable site representative;
- Performing a geophysical survey to locate utilities or hiring a private line locating firm to determine the location of utility lines that are present at the property;
- Identifying a no-dig zone; or
- Hand digging, or air-knifing to 5' in the proposed drilling or excavation locations if insufficient data is available to accurately determine the location of the utility lines.

TABLE I
UTILITY CLEARANCE REQUIREMENTS

State	Notification Time	Contact
CA South	2 Working Days	Underground Service Alert South (800) 227-2600 http://www.digalert.org/

(Work performed in other states requires that the appropriate agency be notified before intrusive work; see the ENSR H&S website: http://intranet.ensr.com/healthweb)

5.2.2. Overhead Utilities

Be particularly aware of overhead power lines in the work area. Any vehicle or equipment capable of having parts of its structure elevated (drill rig, crane etc.) near energized overhead lines shall be operated so that a clearance of at least 10 feet is maintained. If the voltage is higher than 50kV, the clearance shall be increased 4 inches for every 10kV over that voltage. Personnel should also be aware of the limited clearances associated with the canopy that typically covers the dispensing island.

5.3. Drilling Hazards

5.3.1. Conventional Drilling

Use of a drill rig to advance soil borings and install monitoring wells will require all personnel in the vicinity of the operating rig to wear steel-toed boots, hardhats, hearing protection and safety eyewear. Personnel shall not remain in the vicinity of operating equipment unless it is required for their work responsibilities. Additionally, the following safety requirements must be adhered to:

- All drill rigs and other machinery with exposed moving parts must be equipped with an operational emergency stop device. Drillers and geologists must be aware of the location of this device. This device must be tested prior to job initiation and periodically thereafter. The driller and helper shall not simultaneously handle augers unless there is a standby person to activate the emergency stop.
- The driller must never leave the controls while the tools are rotating unless all personnel are kept clear of rotating equipment.

- A long-handled shovel or equivalent must be used to clear drill cuttings away from the hole and from rotating tools. Hands and/or feet are not to be used for this purpose.

- A remote sampling device must be used to sample drill cuttings if the tools are rotating or if the tools are readily capable of rotating. Samplers must not reach into or near the rotating equipment. If personnel must work near any tools which could rotate, the driller must shut down the rig prior to initiating such work.

- Drillers, helpers and geologists must secure all loose clothing when in the vicinity of drilling operations.

- Only equipment which has been approved by the manufacturer may be used in conjunction with site equipment and specifically to attach sections of drilling tools together. Pins that protrude excessively from augers shall not be allowed

- No person shall climb the drill mast while tools are rotating.

- No person shall climb the drill mast without the use of ANSI-approved fall protection (approved belts, lanyards and a fall protection slide rail) or portable ladder which meets the requirements of OSHA standards.

5.4. Cuts and Lacerations

Employees are at an increased risk of cutting themselves since a knife or blade is typically used to cut the tubing or bailer string used to collect groundwater samples. To avoid this hazard, a tube cutter should be used. If such a tool is not available, when using knives or blades, follow the safety precautions listed below:

- Keep your free hand out of the way

- Use only sharp blades; dull blades require more force which results in less knife control

- Pull the knife toward you; pulling motions are easier to manage

- Don't put your knife in your pocket

- Use a utility knife with a self-retracting blade

- Wear leather or Kevlar™ gloves when using knives or blades.

5.5. Electrically Powered Tools

If using portable tools that are electrically powered, follow the safety precautions listed below:

- Check to see that electrical outlets used to supply power during field operations is of the three wire grounding type.

- Extension cords used for field operations should be of the three wire grounding type and designed for hard or extra-hard usage. This type of cord uses insulated wires within an inner insulated sleeve and will be marked S, ST, STO, SJ, SJO or SJTO.

- NEVER remove the ground plug blade to accommodate ungrounded outlets.

- Do not use extension cords as a substitute for fixed or permanent wiring. Do not run extension cords through openings in walls, ceilings or floors.

- Protect the cord from becoming damaged if the cord is run through doorways, windows or across pinch points.

- Examine extension and equipment cords and plugs prior to each use. Damaged cords with frayed insulation or exposed wiring and damaged plugs with missing ground blades MUST BE REMOVED from service immediately.

- All portable or temporary wiring which is used outdoors or in other potentially wet or damp locations must be connected to a circuit that is protected by a ground fault circuit interrupter (GFCI). GFCI's are available as permanently installed outlets, as plug-in adapters and as extension cord outlet boxes. DO NOT CONTINUE TO USE A PIECE OF EQUIPMENT OR EXTENSION CORD THAT CAUSES A GFCI TO TRIP.

- When working in flammable atmospheres, be sure that the electrical equipment being used is approved for use in Class I, Division I atmospheres.

- Do not touch a victim who is still in contact with current. Separate the victim from the source using a dry, nonmetallic item such as a broomstick or cardboard box. Be sure your hands are dry and you are standing on a dry surface. Turn off the main electrical power switch and then begin rescue efforts.

5.6. Back Safety

Using the proper techniques to lift and move heavy pieces of equipment, such as well pumps or buckets of purge water, is important to reduce the potential for back injury. The following precautions should be implemented when lifting or moving heavy objects.

- Use mechanical devices to move objects that are too heavy to be moved manually
- If mechanical devices are not available, ask another person to assist you.
- Bend at the knees, not the waist. Let your legs do the lifting.
- Do not twist while lifting
- Bring the load as close to you as possible before lifting
- Be sure the path you are taking while carrying a heavy object is free of obstructions and slip, trip and fall hazards

5.7. Thermal Stress

Work at this site may be performed in the warm summer months, so the hazards associated with heat stress are discussed in this HASP.

5.7.1. Heat Stress

Types of Heat Stress

Heat related problems include heat rash, fainting, heat cramps, heat exhaustion and heat stroke. Heat rash can occur when sweat isn't allowed to evaporate, leaving the skin wet most of the time and making it subject to irritation. Fainting may occur when blood pools to lower parts of the body and as a result, does not return to the heart to be pumped to the brain. Heat related fainting often occurs during activities that require standing erect and immobile in the heat for long periods of time. Heat cramps are painful spasms of the muscles due to excessive salt loss associated with profuse sweating. Heat exhaustion results from the loss of large amounts of fluid and excessive loss of salt from profuse sweating. The skin will be clammy and moist and the affected individual may exhibit giddiness, nausea and headache.

Heat stroke occurs when the body's temperature regulatory system has failed. The skin is hot, dry, red and spotted. The affected person may be mentally confused and delirious. Convulsions

could occur. EARLY RECOGNITION AND TREATMENT OF HEAT STROKE ARE THE ONLY MEANS OF PREVENTING BRAIN DAMAGE OR DEATH. A person exhibiting signs of heat stroke should be removed from the work area to a shaded area. The person should be soaked with water to promote evaporation. Fan the person's body to increase cooling.

Early Symptoms of Heat-Related Health Problems:

- decline in task performance
- incoordination
- decline in alertness
- unsteady walk
- excessive fatigue
- reduced vigilance
- muscle cramps
- dizziness

Susceptibility to Heat Stress Increases due to:

- lack of physical fitness
- lack of acclimation
- increased age
- dehydration
- obesity
- drug or alcohol use
- sunburn
- infection

People unaccustomed to heat are particularly susceptible to heat fatigue. First timers in PPE need to gradually adjust to the heat.

The Effect of Personal Protective Equipment

Sweating normally cools the body as moisture is removed from the skin by evaporation. However, the wearing of certain personal protective equipment (PPE), particularly chemical protective coveralls (e.g., Tyvek), reduces the body's ability to evaporate sweat and thereby regulate heat buildup. The body's efforts to maintain an acceptable temperature can therefore become significantly impaired by the wearing of PPE.

Measures to Avoid Heat Stress:

The following guidelines should be adhered to when working in hot environments:

- Establish work-rest cycles (short and frequent are more beneficial than long and seldom).
- Identify a shaded, cool rest area.
- Rotate personnel, alternative job functions.
- Water intake should be equal to the sweat produced. Most workers exposed to hot conditions drink less fluids than needed because of an insufficient thirst. DO NOT DEPEND ON THIRST TO SIGNAL WHEN AND HOW MUCH TO DRINK. For an 8-hour workday, 50 ounces of fluids should be drunk.

- Eat lightly salted foods or drink salted drinks such as Gatorade to replace lost salt.
- Save most strenuous tasks for non-peak heat hours such as the early morning or at night.
- Avoid alcohol during prolonged periods of heat. Alcohol will cause additional dehydration.
- Avoid double shifts and/or overtime.

The implementation and enforcement of the above mentioned measures will be the joint responsibility of the project manager, on-site field coordinator, and health and safety officer. Potable water and fruit juices should be made available each day for the field team.

Heat Stress Monitoring Techniques

Site personnel should regularly monitor their heart rate as an indicator of heat strain by the following method: Check radial pulse rates by using fore-and middle fingers and applying light pressure to the pulse in the wrist for one minute at the beginning of each rest cycle. If the pulse rate exceeds 110 beat/minute, shorten the next work cycle by one-third and keep the rest period the same. If, after the next rest period, the pulse rate still exceeds 110 beats/minute, shorten the work cycle by one-third.

.

6. AIR MONITORING

6.1. Direct Reading Instrumentation

Instrument I: Photoionization detector (PID)

A PID, such as a RaeSystems MiniRae 2000 ™ equipped with a 10.6 eV lamp and calibrated to isobutylene-in-air, will be used to screen the breathing zone of employees during the collection of groundwater samples. If breathing zone concentrations are sustained (15 minutes) at 25 units above background, Level C respiratory protection, as described in Section 7.2, will be donned. This 25 unit action limit is based on the PEL for PCE, however, if no PCE is found on site, the action level for TPH is 50 PID units, based on the following:

The current TLV for gasoline is 300 ppm. The most toxic component of gasoline is benzene, whose current TLV is 0.5 ppm. Studies done by McDermott and Killiany in 1978 (Quest for a Gasoline TLV – AIHAJ 39:110-117, 1978) indicate that the benzene content of gasoline vapor is typically in the range of 0.4%. To assure that employee exposures to benzene remain below the current TLV of 0.5 ppm, ENSR has established an action limit of 50 ppm total VOCs (i.e., approximately 0.5 ppm/0.4%) for gasoline contaminated sites. Based upon RaeSystems response data for gasoline on an isobutylene-in-air calibrated instrument (i.e., 1.0), this equates to an instrument reading of 50 units.

6.2. Personal Exposure Monitoring

Personal exposure monitoring will not be conducted.

6.3. Calibration and Recordkeeping

The PID will be calibrated on a daily basis in accordance with ENSR's Standard Operating Procedure and manufacturer's instructions. All PID readings will be recorded in the field notebook or on dedicated air monitoring result sheets. In addition, all calibrations must be recorded.

7. PERSONAL PROTECTIVE EQUIPMENT

To prevent direct dermal contact with potentially contaminated groundwater, the following protective clothing requirements will be followed:

7.1. Protective Clothing

PPE Item	General	Soil Boring and Well Installation	Soil / Water Sampling
Hard hat	√	√	√
Safety glasses	√	√	√
Face shield			
Steel-toed boots	√	√	√
Gloves, Inner PVC			√
Gloves, Outer Nitrile			√
Gloves, Kevlar or Leather		√	(1) (when using knife to cut tubing)
Hearing Protection			
Traffic Vest	√	√	√
Tyvek			
Polycoated Tyvek		1	1
Chainsaw Chaps			

1. When liquid contaminants may be contacted by employees, impervious Gloves and work clothing must be worn.

7.2. Respiratory Protection

A PID will be used to screen the breathing zone of employees during soil boring, well installation, and collection of groundwater samples. If breathing zone concentrations are sustained (15 minutes) at 25 units above background, Level C respiratory protection, will be donned.

Level C Specification - Half-mask air-purifying respirator equipped with organic vapor cartridges

All employees who are expected to don respiratory protection must have successfully passed a qualitative or quantitative fit-test within the past year for the same brand and size respirator they plan to don for this program.

7.3. Other Safety Equipment

The following additional safety equipment will be brought to the site:

- Portable eye wash
- First Aid Kit
- Portable phones

8. SITE CONTROL

To prevent both exposure to unprotected personnel and migration of contamination due to tracking by personnel or equipment, work areas along with personal protective equipment requirements will be clearly defined.

8.1. Designation of Zones

- Exclusion or "hot" Zone
- Contamination Reduction Zone (CRZ)
- Support Zone

8.2. Exclusion Zone

Exclusion zones should be established around each boring or sampling location. The exclusion zone should be outlined with traffic cones, caution tape, or stanchions to prohibit entry by the general public into the work area.

8.3. Contamination Reduction Zone

A mini-contamination reduction zone will be established immediately adjacent to each well location. This is where personnel will remove gloves and dispose of any other items that can not be re-used during the sampling effort. Used PPE can be placed in garbage bags and disposed of as general refuse.

8.4. Support Zone

The support zone will consist of those areas around the exclusion zone where equipment is staged. Eating, drinking and smoking will be limited to this area.

8.5. Safety Measures/Precautions

The following measures are designed to augment the specific health and safety guidelines provided in this plan.

- ENSR personnel are not expected to work alone on remote sites. On most sites, client, subcontractor, or public personnel are generally nearby in case of an emergency or accident. ENSR personnel, through coordination, can rely upon these personnel for assistance in an emergency. If no one else is nearby, scheduled call-in's on a cell phone may be used to assure personal safety.

- Avoidance of contamination is of the utmost importance. Whenever possible, avoid contact with contaminated (or potentially contaminated) surfaces or materials. Walk around (not through) puddles and discolored surfaces. Do not kneel on the ground or set equipment on the ground. Protect air monitoring equipment from water by bagging.

- Eating, drinking, chewing gum or tobacco, smoking or any practice that increases the probability of hand-to-mouth transfer and ingestion of materials is prohibited in the immediate work area and the decontamination zone.

- Hands and face must be thoroughly washed upon leaving the work area and before eating, drinking or any other activities.

- Beards or other facial hair that interfere with respirator fit are prohibited.

- The use of alcohol or illicit drugs is prohibited during the conduct of field operations.

- All equipment must be decontaminated or properly discarded before leaving the site in accordance with the project work plan.

- Safety equipment described in Section 6.0 will be required for all field personnel unless otherwise approved by the RHSM.

9. DECONTAMINATION

Proper decontamination is required of all personnel before leaving potentially contaminated areas. The extent of personnel decontamination will depend on the amount of contamination encountered. Personnel decontamination will be accomplished by following a systematic procedure of cleaning and removing personal protective clothing. Generally, this included a three-basin wash and rinse system, however on sites with a very low potential for contamination, a soap and water wash station may be sufficient.

Regardless of the type of decontamination system required, if washing facilities are unavailable, a container of potable water and liquid soap must be made available so employees can wash their hands and face before leaving the site for lunch or for the day.

10. MEDICAL / TRAINING REQUIREMENTS

10.1. Medical Surveillance

All personnel performing activities covered by this HASP must be active participants in a medical monitoring program which complies with 29 CFR 1910.120 (f). Each individual must have completed an annual surveillance examination and/or an initial baseline examination within the last year prior to performing any work on this site covered by this HASP.

10.1.1. Drug and Alcohol Testing

All employees performing filed-work covered by this HASP must comply with AmeriPride's requirements for drug and alcohol testing requirements.

10.2. Training

All personnel performing activities covered by this HASP must have completed the appropriate training requirements specified in 29 CFR 1910.120 (e). Each individual must have completed an annual 8-hour refresher-training course and/or initial 40-hour training course within the last year prior to performing any work on this site covered by this HASP.

In addition, each project location must have at least one staff member present on site at all times who is currently trained in First Aid and CPR (Cardio Pulmonary Resuscitation).

10.3. Site Safety Meetings

Prior to the commencement of investigative activities at each project location, a site safety meeting will be conducted by the SSO to review the specific requirements of this HASP. Attendance at this pre-entry briefing is mandatory and will be documented (see Attachment B).

Short safety refresher meetings will be conducted at least every 10 days thereafter, or as otherwise needed, throughout the duration of the project.

11. AUDITS AND INSPECTIONS

Safety audits must be conducted and documented for each project location on a monthly basis. In order to meet this requirement, typically these inspections will have to be conducted by the ENSR field team leader and/or project manager.

For short duration jobs (i.e., one week or less), the safety inspection should be conducted shortly after the work has commenced. For longer duration jobs, the inspection should be conducted shortly after commencement and monthly thereafter.

Audits should be documented on the ENSR PM Audit Checklist. To reduce the overall length of this HASP, a copy of the audit checklist is embedded below. Access the checklist by clicking on the icon below. ENSR PMs should print out a copy of the checklist before leaving for the job site, unless a computer and printer will be available at the site.

"Audit Inspection Checklist.xls"

12. INCIDENT RESPONSE

12.1. Emergencies

According to ENSR policy, ENSR personnel shall not participate in any emergency response where there are potential safety or health hazards (i.e., fire, explosion, or chemical exposure). ENSR response actions will be limited to evacuation and medical/first aid as described within this section below. As such, this section of the HASP has been written to comply with 29 CFR 1910.38 (a).

The basic elements of an emergency evacuation plan include employee training, alarm systems, escape routes, escape procedures, critical operations or equipment, rescue and medical duty assignments, designation of responsible parties, emergency reporting procedures and methods to account for all employees after evacuation.

Employee Training: Employees must be instructed in the specific aspects of emergency evacuation applicable to the site as part of the pre-entry briefing prior to the commencement of all on-site activities. On-site refresher or update training is required anytime escape routes or procedures are modified or personnel assignments are changed.

Alarm Systems/Emergency Signals: An emergency communication system must be in effect at all sites. The most simple and effective emergency communication system in many situations will be direct verbal communications.

Due to the small size of the AmeriPride site, direct communications will be sufficient to warn all employees of a site-related emergency. The property is vacant. Therefore, ENSR must bring cellular phones to the to summons emergency responders, if necessary.

Escape Routes and Procedures: The escape route from the work location will be via Gravenstein Highway. The route will be reviewed with all employees during the pre-entry briefing.

Critical Operations and Equipment: All equipment and operations are required to cease in the event of site evacuation. The only exception will be related to health and safety. The PM or SSO must determine at the time of an emergency if health and safety will be jeopardized by immediate stoppage of any particular piece of equipment or personal activities. If such a determination is made, personnel involved in critical duties must be minimized and special instructions must be established.

Rescue and Medical Duty Assignments: Prior to initiating work at the site, an ENSR field team member, usually the SSO, shall be appointed to activate emergency response actions. In

the event an injury or illness requires more than first aid treatment, that individual will accompany the injured person to the medical facility and will remain with the person until release or admittance is determined. The escort will relay all appropriate medical information to the on-site project manager and the RHSM.

If the injured employee can be moved from the accident area, he or she will be brought to the CRZ where their PPE will be removed. If the person is suffering from a back or neck injury the person will not be moved and the requirements for decontamination do not apply. The SSO must familiarize the responding emergency personnel about the nature of the site and the injury. If the responder feels that the PPE can be cut away from the injured person's body, this will be done on-site. If this not feasible, decontamination will be performed after the injured person has been stabilized.

Designation of Responsible Parties: The SSO is responsible for initiating emergency response. In the event the SSO can not fulfill this duty, the alternate SSO will take charge. All personnel on site are responsible for knowing the escape route from the site.

Employee Accounting Method: The on-site project manager or SSO is responsible for identifying all ENSR and subcontractor personnel on-site at all times. On small, short duration jobs this can be done informally as long as accurate accounting, via a head-count, is possible.

12.2. Incident Reporting/Investigation

12.2.1. ENSR Requirements

All work-related injuries and illnesses, regardless of severity, must be reported to the ENSR field team leader and/or project manager immediately. The field team leader and/or project manager must report the incident to the ENSR RHSM as soon as possible. Utilize the RHSMs voice mail or e-mail if the incident occurs after hours.

In addition, all near miss incidents must be reported to the ENSR RHSM as soon as possible.

An ENSR Supervisor's Accident Investigation Report form (Attachment C) must be completed by the ENSR field team leader and/or project manager in accordance with the instructions provided by the RHSM and submitted to the RHSM within 24 hours of occurrence of the incident.

If a subcontractor is injured, he/she should report to their supervisor immediately, who in turn, must report the injury to the ENSR SSO.

12.2.2. AmeriPride Requirements

All significant near misses and serious incidents (e.g., fatalities, lost workday cases, significant property damage) must be immediately reported to one of the AmeriPride Representative listed on the following page.

In addition, all vehicle accidents that occur on AmeriPride property must be investigated and a copy of the accident investigation must be submitted to one of the AmeriPride Representatives within 24 hours of occurrence.

EMERGENCY REFERENCES

Ambulance Service: 9-1-1

Police: 9-1-1

Fire: 9-1-1

Local Hospital:

USC University
Hospital

(323) 442-8500

1500 San Pablo St F17
Los Angeles, CA
90089

Directions to Hospital: (next page)

Nearest Onsite Phone: Cellular phones required.

AMERIPRIDE REPRESENTATIVES

ENSR REPRESENTATIVES:

ENSR –Santa Ana, CA 949-756-2667

William Glenn 949-756-2667

ENSR-Ft Collins, CO 970-970-8878

- Joe Sanders (RHSM)x 109 / or (home: 970-225-9627)

Route to Hospital

ATTACHMENT A

Health and Safety Plan Signoff Sheet

Health and Safety Plan Signoff Sheet

Environmental Investigation
Performed at Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles , California

I have received a copy of the Health and Safety Plan prepared for the above referenced site, I have read and understand its content and I agree that I will abide by its requirements.

Name	Signature	Company	Date

ATTACHMENT B

Pre-Entry Briefing Attendance Sheet

ENSR HEALTH AND SAFETY PLAN PRE-ENTRY BRIEFING ATTENDANCE FORM

Environmental Investigation
Performed at Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles , California

Conducted by:		Date Performed:	
Topics Discussed:	1. Review of the content of the HASP (Required)		
	2.		
	3.		
	4.		

Attendees (Printed):	Signature	Representing

ATTACHMENT C

Supervisor's Accident Investigation Report

ATTACHMENT 8.1
Supervisor's Accident Investigation Report

Injured Employee _____ Job Title _____

Home Office _____ Division/Department _____

Date/Time of Accident _____

Location of Accident _____

Witnesses to the Accident _____

Injury Incurred? _____ Nature of Injury _____

_____

Engaged in What Task When Injured? _____

_____

Will Lost Time Occur? _____ How Long? _____ Date Lost Time Began _____

Were Other Persons Involved/Injured? _____

How Did the Accident Occur? _____

_____

_____

Why Did it Occur? _____

_____

_____

What Could Be Done to Prevent Recurrence of the Accident? _____

_____

_____

What Actions Have You Taken Thus Far to Prevent Recurrence? _____

_____

_____

Supervisor's Name _____ Signature: _____ Date: _____

Note: If the space provided on this form is insufficient, provide additional information on separate paper and attach. The completed accident investigation report must be submitted to the ENSR Regional Health and Safety Manager within three days of the occurrence of the accident.

ENSR | AECOM

999 West Town and Country Road
4th Floor
Orange, California 92868
(714) 973-9740
Fax (714) 973-9750
www.ensr.aecom.com

February 9, 2007

Ms. Martina Diaz
Department of Toxic Substances Control
1011 North Grandview Avenue
Glendale, CA 91201

RE: 4th Quarter 2006 Groundwater Sampling Results
Former Welch's Uniform Facility
3505 Pasadena Avenue, Los Angeles, California
SLIC Case No. 833, Global ID No. SL2044PI598
ENSR Project No. 10770-003

Dear Ms. Diaz:

On behalf of AmeriPride Services Inc., ENSR Corporation (ENSR) is pleased to present this report documenting the results of the 4th quarter 2006 groundwater monitoring event conducted at the above referenced facility on December 21, December 22, and December 28, 2006. The location of the facility is shown on **Figure 1**. The 4th quarter 2006 groundwater monitoring event included 17 groundwater monitoring wells (MW-2, MW-3, MW-7, MW-8A, MW-9A, MW-9B, MW-10A, MW-10B, MW-13A, MW-13B, MW-14, MW-15, MW-16A, MW-16B, MW-16C, K-1, and K-2) as shown on **Figure 2**. The groundwater monitoring wells were installed at the site between 1987 and 2006 and have generally been sampled on a quarterly basis since installation. Well MW-12 was not included in the recent monitoring event because its wellhead was inadvertently destroyed by an unknown party during unauthorized grading work at the site.

BACKGROUND

The property has historically been used as a commercial dry-cleaning facility that utilized perchloroethylene (PCE) from 1924 to approximately 1993. Degradation products of petroleum solvents are also present in groundwater at varying relative concentrations. The property was last operated by Welch's Uniform, and is now owned by AmeriPride Services Inc (AmeriPride). AmeriPride is considering building a 30,000 square foot Apparel Center on the site within two years. All buildings associated with previous operation have been removed and the site is now a vacant lot (the status of building foundations is unclear). Approximately 25 underground storage tanks (USTs) may have once

been in service at the site, and although there is documentation reporting that 17 USTs have been removed, records describing the status of the other tanks are incomplete.

SITE SETTING

The site is located in a relatively low density, mixed residential and industrial area approximately 3.5 miles northeast of downtown Los Angeles, California. Adjoining the western boundary of the site is a railroad track. The Arroyo Seco Channel is to the north, across from which is the Pasadena Freeway. To the south are industrial buildings, and to the east are residential homes and Hillside Elementary school.

The site vicinity is underlain by recent age alluvial and stream channel deposits consisting of coarse grained sand, gravel, and cobbles. These sediments are approximately 50 to 100 feet thick beneath the site (California Department of Water Resources [CDWR], 1961).

GROUNDWATER GAUGING

Monitoring wells MW-2, MW-3, MW-7, MW-8A, MW-9A, MW-9B, MW-10A, MW-10B, MW-13A, MW-13B, MW-14, MW-15, MW-16A, MW-16B, MW-16C, K-1, and K-2 were gauged on December 21st and 22nd, 2006. Monitoring wells MW-4 and K-3 were not sampled due to an obstruction in the wells. Monitoring well gauging data is summarized in **Table 1** and groundwater elevations and contours are illustrated on **Figure 3**.

The depth to groundwater ranged from 23.35 feet below ground surface (bgs) in MW-8A to 41.11 ft bgs in MW-13B. The groundwater elevation ranged from 350.05 feet above mean sea level (MSL) in MW-8A to 315.72 ft MSL in MW-15. Light Non-Aqueous Phase Liquid (LNAPL) was not measured in any of the monitoring wells. Based upon the December 21st and December 22nd, 2006 gauging data, the calculated direction of groundwater flow is towards the south-southwest, at a gradient of approximately 0.011 feet per foot.

GROUNDWATER SAMPLING

Groundwater purging was completed with a vacuum truck on December 21st and 22nd, 2006 using dedicated stingers installed at each well. Due to inclement weather on December 22nd, 2006, the vacuum truck was unable to access monitoring wells MW-3, MW-16A, MW-16B, and MW-16C. These wells were purged by a grundfos pump on December 28, 2006. The purge water from monitoring wells MW-3, MW-16A, MW-16B, and MW-16C is currently stored onsite in a 55-gallon Department of Transportation (DOT) approved drums.

A downhole instrument was used to measure water quality parameters during purging to help ensure that the monitored parameters are unaffected by the aeration occurring as fluids are air lifted up the stinger. A Horiba U-22 water quality meter was placed into the well and used to measure the following

parameters during well purging: pH, dissolved oxygen, temperature, specific conductivity, turbidity and oxidation-reduction potential. Well purging was deemed complete after at least three well volumes of water were removed, or stabilization of water quality readings was achieved. The stabilized water quality readings are summarized on **Table 2** and groundwater sampling logs are included in **Appendix A**. Groundwater purge forms for wells MW-3, -9A, -9B, 10A, -10B, -16A, -16B and -16C were not completed or submitted for senior review by the sampler. Because of this, ENSR is unable to verify that stabilization of parameters (such as temperature, pH, conductivity or turbidity) was achieved prior to groundwater sample collection for wells MW-3, -9A, -9B, 10A, -10B, -16A, -16B and -16C. However, based on standard operating procedures involving purging with a vacuum truck, the wells were most likely purged of at least three casing volumes prior to sample collection.

Approximately 526 gallons of purged groundwater were temporarily stored inside the vacuum truck then transported to US Filter Recovery Services in Vernon, CA for recycling/disposal. A non-hazardous waste manifest is included in **Appendix B**, which accounts for disposal of the 526 gallons of purged groundwater generated during this 4th quarter 2006 monitoring event.

After well purging had been completed and the water level had recovered to at least 80% of the original water level, groundwater samples were collected with a disposable bailer. Groundwater samples were transferred directly into laboratory supplied containers with the appropriate preservative and were stored on ice in a cooler. Samples were shipped under chain-of-custody to Calscience Environmental Laboratories, Inc. in Garden Grove, California. All samples submitted were analyzed for volatile organic compounds (VOCs) by Environmental Protection Agency (EPA) Method 8260B. Selected samples were analyzed for total petroleum hydrocarbons as gasoline and diesel (TPHg and TPHd, respectively) by modified EPA Method 8015, and for 1,4-Dioxane using EPA Method 8270M. Samples collected from wells MW-2, MW-3, MW-10A, MW-10B, MW-13A, MW-13B, MW-15, MW-16A, MW-16B, and MW-16C were analyzed for nitrate, nitrite, sulfate, ferrous iron, and methane.

VOC ANALYTICAL RESULTS

VOC laboratory analytical results for detected compounds are summarized in **Table 3**. Additional VOC laboratory analytical results from March 1998 to August 1991 are also summarized and presented in **Table 4**. The laboratory analytical report is included as **Appendix C**. The following VOCs were detected in one or more groundwater samples during the quarterly event:

VOCs Detected in One or More Groundwater Samples

acetone	tert-butyl alcohol
tert-butylbenzene	trichloroethene (TCE)
1,2 dichlorobenzene	cis-1,2-dichloroethene
chloroform	ethanol

1,1-dicloroethene	toluene
tetrachloroethene (PCE)	vinyl chloride
trans-1,2-dichloroethene	

Groundwater analytical results were compared to California Department of Health Services (DHS) Maximum Contaminant Level (MCLs) in drinking water because site-specific contaminant concentration goals have not yet been established. For chemicals that don't have established MCLs, analytical results were compared to DHS Action Levels (ALs) based on toxicity to humans, or to the Region 9 EPA Preliminary Remediation Goals (PRGs) for direct-contact with tap water (October 2004). Groundwater analytical results for detected analytes are illustrated on a site plan in **Figure 4.**

The following chemicals exceeded the listed water quality goals for the Fourth Quarter, 2006 sampling event::

- PCE concentrations were reported in well MW-16A at approximately 20 times the MCL, in well MW-3 at approximately 17 times the MCL, and between 1 and 5 times the MCL in wells MW-7, -9A, -10A, -13A, -13B, -14, -15, -16B, -16C, K-1 and K-2;
- TCE concentrations were reported in well MW-16A at approximately 40 times the MCL, and between 1 and 6 times the MCL in wells MW-3, -7, -9A, -10A, -13A, -14, -15, -16C, K-1 and K-2;
- Trans-1,2-dichloroethene (t-DCE) concentrations were reported in MW-15 and MW-16A at 1 to 3 times the MCL; and
- Cis-1,2-dichloroethene (c-DCE) concentrations were reported in well MW-16A at 183 times the MCL, in well MW-10A at 33 times the MCL, and between 1 and 15 times the MCL in wells MW-3, -7, -9A, -13A, -13B, -14, -15, -16C, K-1 and K-2.

The following VOCs were detected in the quality assurance, quality control (QA/QC) samples:

- The method blank analyzed on January 3, 2007 contained 1.1 microgram per liter (µg/L) of naphthalene, 0.48 µg/L of toluene, 0.44 µg/L of 1,2,3-trichlorobenzene, 0.36 µg/L of 1,2,4-tichlorobenzene, and 0.35 µg/L of p/m-xylene.

The VOCs detected in the QA/QC samples indicate potential equipment or lab contaminants that could introduce a high bias error in the analytical results for the groundwater samples. The samples from wells MW-16A and MW-16B were analyzed on January 3, 2007, and tested positive for only toluene of the five VOCs detected in the QA/QC sample. The toluene results of MW-16A and MW-16B may have a high bias error due to toluene being detected in the method blank. This potential error has been indicated in **Table 3** by adding a B-flag next to detections that are less than five times the greatest concentration measured in the QA/QC sample.

NATURAL ATTENUATION

Natural attenuation processes include biodegradation, dilution, dispersion, sorption, volatilization and abiotic degradation. Decreasing concentrations of chemicals dissolved in groundwater are typically the primary evidence that natural attenuation is occurring.

Figures 5 through 13 illustrate PCE, TCE and TPHg concentrations and groundwater elevations over time for wells K-1, K-2, K-3, MW-3, MW-9A, MW-10A, MW-13A, MW-14, and MW-15. Generally, the concentrations of these indicator compounds are stable or show a slightly decreasing trend. In March 2005, concentrations in many wells increased significantly (up to 40 times the concentrations measured during the previous event) and then declined during the following events. This increase in groundwater concentrations generally corresponded with an increase in groundwater elevations and was most pronounced in wells MW-3 and MW-12. There was also an increase in concentrations in wells MW-10B and MW-15 that was not manifested until the following quarter, which may be related to the time needed for an upgradient change in water quality to travel to those wells.

Table 4 provides historical groundwater concentrations of other analytes. The concentrations of c-DCE are particularly significant because it is a byproduct of the reductive dechlorination of PCE and TCE, which typically occurs under anaerobic conditions. If the concentration ratio of c-DCE to PCE and TCE is very small then probably little biodegradation of PCE and TCE is occurring, if the ratio is very large then significant biodegradation has likely occurred.

General water chemistry parameters provide secondary support, after contaminant concentration trends, for demonstrating that biodegradation is occurring in the site plume. Natural attenuation parameter analytical results are summarized in **Table 5**. Low dissolved oxygen concentrations (less than 1 ug/L) and negative oxidation reduction potentials (exceeding -50 millivolts) generally indicate a reducing anaerobic environment conducive to reductive dechlorination; however, these values should not be considered to be an absolute determination of biodegradation potential. It may be more meaningful to compare the relative changes of these parameters to results at wells known to be outside of the chemical plume, such as MW-8A. Also, one should consider that there may be various other transformation mechanisms and different conditions in soil pore spaces than represented in a monitoring well.

Evaluating the ratio of the total concentration of TCE, c-DCE, t-DCE, and vinyl chloride (the daughter products) to the concentration of PCE (the parent compound) and comparing to changes in the general water chemistry parameters is helpful in identifying site specific conditions influencing biodegradation. The ratio of daughter products to PCE is presented in **Table 5**. At this time there are not any meaningful trends apparent in the data.

UPCOMING WORK

The next groundwater monitoring event will be scheduled for March 2007.

If you have any questions or require additional information, please do not hesitate to contact Will Glenn or Jeff Otter at (714) 973-9740 or jotter@ensr.aecom.com.

Sincerely,
ENSR Corporation

Donald Reid
Staff Scientist

Jeffrey Otter, PE
Project Manager

William S. Glenn, Jr., PG 7737
Project Geologist

PROFESSIONAL GEOLOGIST
WILLIAM S. GLENN, JR.
No. 7737
5/07
STATE OF CALIFORNIA

Attachments

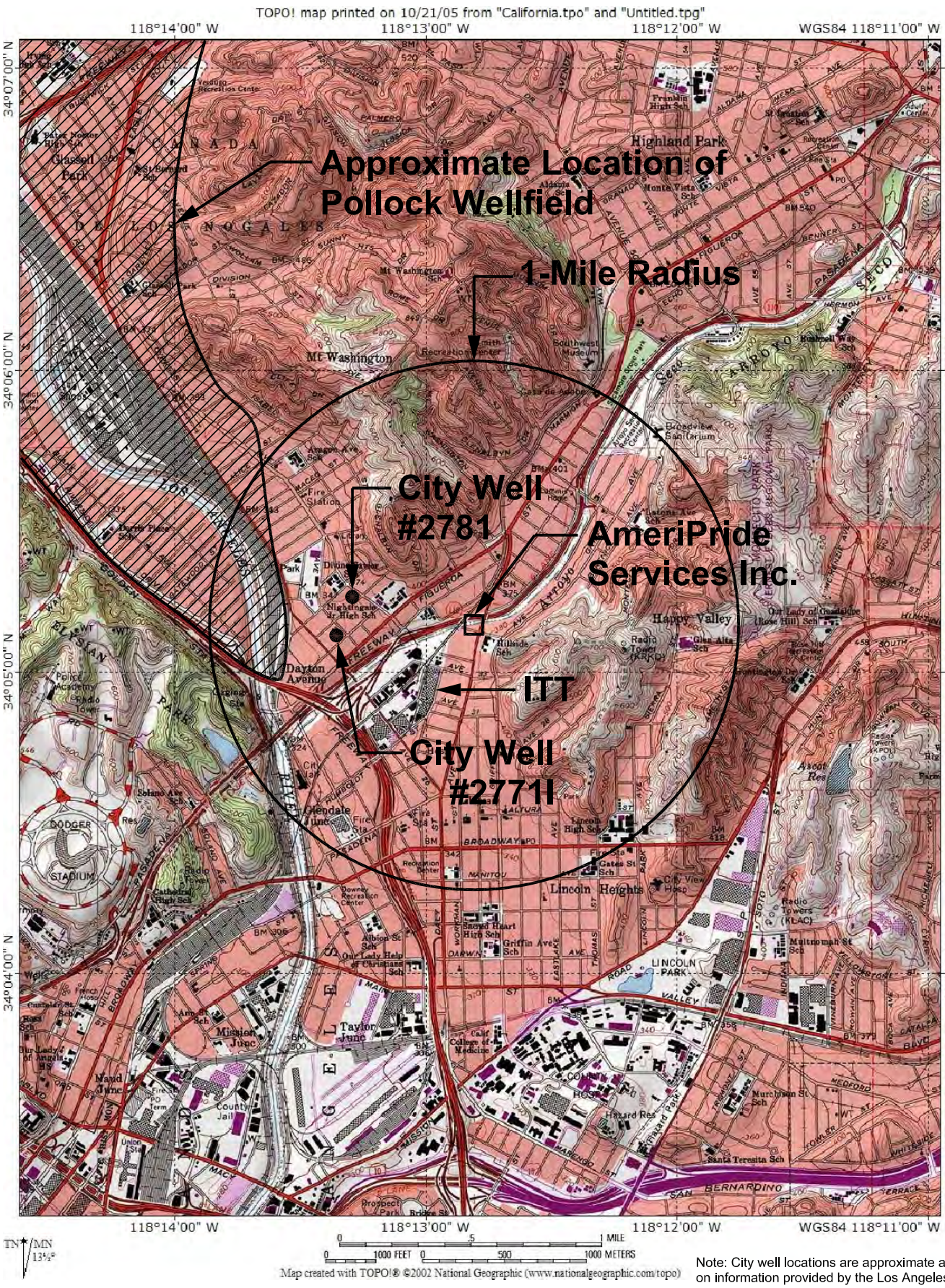
Figure 1:	Site Location Map
Figure 2:	Site Plan
Figure 3:	4th Quarter 2006 Groundwater Elevations
Figure 4:	Summary of 4th Quarter 2006 Groundwater Analytical Results
Figure 5:	K-1 VOC Concentration and Hydrograph vs. Time
Figure 6:	K-2 VOC Concentration and Hydrograph vs. Time
Figure 7:	K-3 VOC Concentration and Hydrograph vs. Time
Figure 8:	MW-3 VOC Concentration and Hydrograph vs. Time
Figure 9:	MW-9A VOC Concentration and Hydrograph vs. Time
Figure 10:	MW-10A VOC Concentration and Hydrograph vs. Time
Figure 11:	MW-13A VOC Concentration and Hydrograph vs. Time
Figure 12:	MW-14 VOC Concentration and Hydrograph vs. Time
Figure 13:	MW-15 VOC Concentration and Hydrograph vs. Time
Table 1:	Summary of Groundwater Elevation Data
Table 2:	Summary of Groundwater Quality Data
Table 3:	Summary of VOC Groundwater Analytical Data
Table 4:	Summary of VOC Groundwater Analytical Data 3/89-8/91
Table 5:	Summary of Natural Attenuation Parameter Analytical Data
Appendix A:	Groundwater Sample Collection Record
Appendix B:	Waste Manifest
Appendix C:	Laboratory Analytical Reports

cc: Mr. Joe Peter, AmeriPride Services Inc.

FIGURES

4th Quarter 2006 Groundwater Monitoring Report

Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California



Note: City well locations are approximate and based on information provided by the Los Angeles County

ENSR | AECOM

ENSR CORPORATION
999 WEST TOWN AND COUNTRY ROAD
4TH FLOOR
ORANGE, CALIFORNIA 92868
PHONE: (714) 973-9740
FAX: (714) 973-9750
WEB: HTTP://WWW.ENSR.AECOM.COM

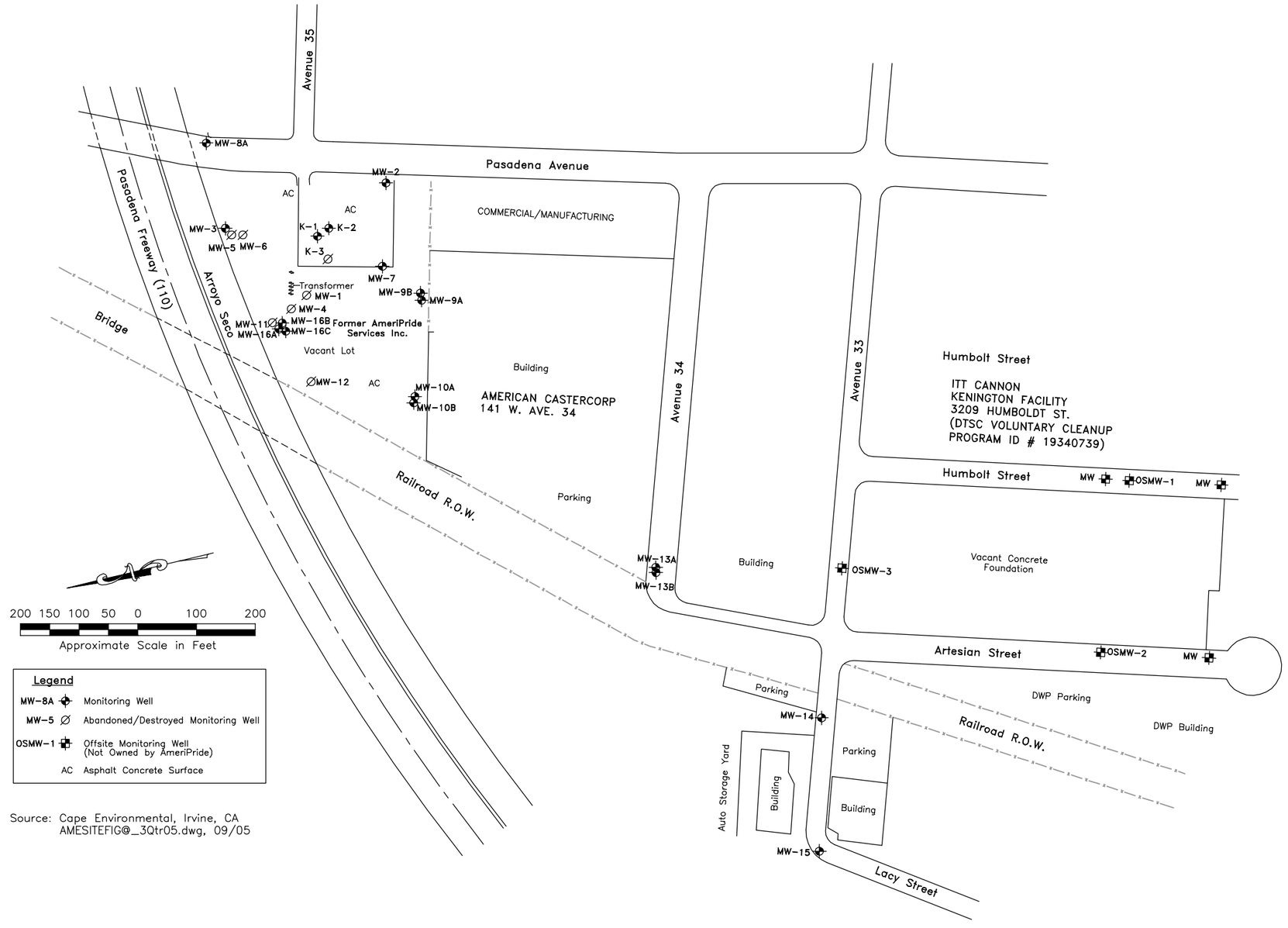
SITE LOCATION MAP

AmeriPride Services Inc,
3505 Pasadena Avenue
Los Angelas, California

FIGURE NUMBER:
1

DRAWN BY:	DATE:	PROJECT NUMBER:	CHECKED BY:
KM	02/06/06	10770-003-500	JO

FILENAME: 10770003S0A



Source: Cape Environmental, Irvine, CA
AMESITEFIG@_3Qtr05.dwg, 09/05

DESIGNED BY:	REVISIONS		
WG	NO:	DESCRIPTION:	DATE: BY:
DRAWN BY:			
KM			
CHECKED BY:			
JO			
APPROVED BY:			
JO			

ENSR | AECOM
ENSR CORPORATION
999 WEST TOWN AND COUNTRY ROAD
4TH FLOOR
ORANGE, CALIFORNIA 92868
PHONE: (714) 973-9740
FAX: (714) 973-9750
WEB: HTTP://WWW.ENSR.AECOM.COM

SITE PLAN

AmeriPride Services Inc.
3505 Pasadena Avenue
Los Angeles, California

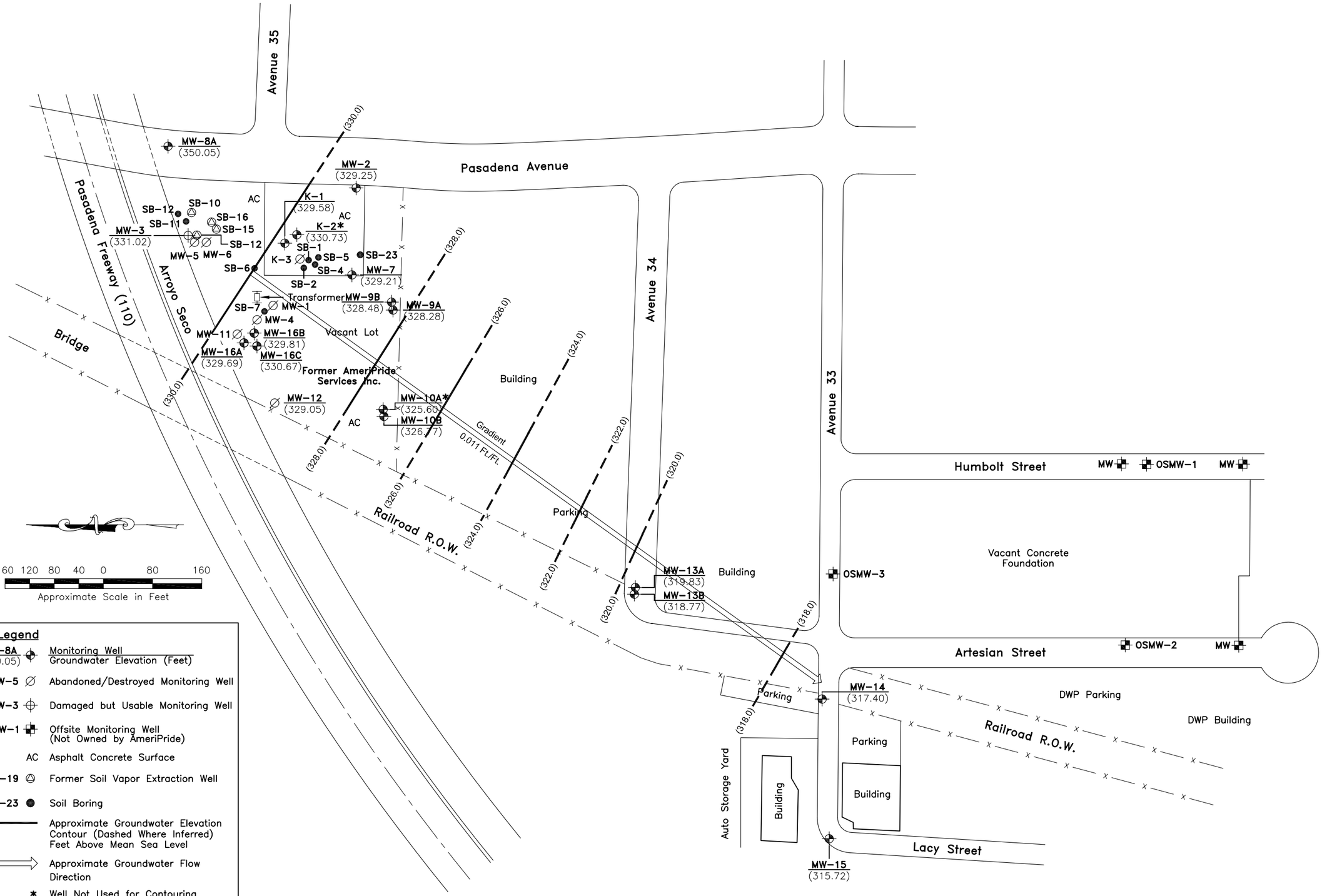
SCALE:	DATE:	PROJECT NUMBER:
1" = 200'	02/06/06	10770-003-500

FIGURE NUMBER:

2

FILENAME:

1077000350B



160 120 80 40 0 80 160

Approximate Scale in Feet

Legend

MW-8A (350.05)	Monitoring Well Groundwater Elevation (Feet)
MW-5	Abandoned/Destroyed Monitoring Well
MW-3	Damaged but Usable Monitoring Well
OSMW-1	Offsite Monitoring Well (Not Owned by AmeriPride)
AC	Asphalt Concrete Surface
SB-19	Former Soil Vapor Extraction Well
SB-23	Soil Boring
(330.0)	Approximate Groundwater Elevation Contour (Dashed Where Inferred) Feet Above Mean Sea Level
	Approximate Groundwater Flow Direction
*	Well Not Used for Contouring

Source: Cape Environmental, Irvine, CA
AMESITEFIG@_3Qtr05.dwg, 09/05

REVISIONS			
NO:	DESCRIPTION:	DATE:	BY:

DESIGNED BY:	DR
DRAWN BY:	KM
CHECKED BY:	DR
APPROVED BY:	JO

ENSR | AECOM

ENSR CORPORATION
999 WEST TOWN AND COUNTRY ROAD
4TH FLOOR
ORANGE, CALIFORNIA 92868
PHONE: (714) 973-9740
FAX: (714) 973-9750
WEB: HTTP://WWW.ENSR.AECOM.COM

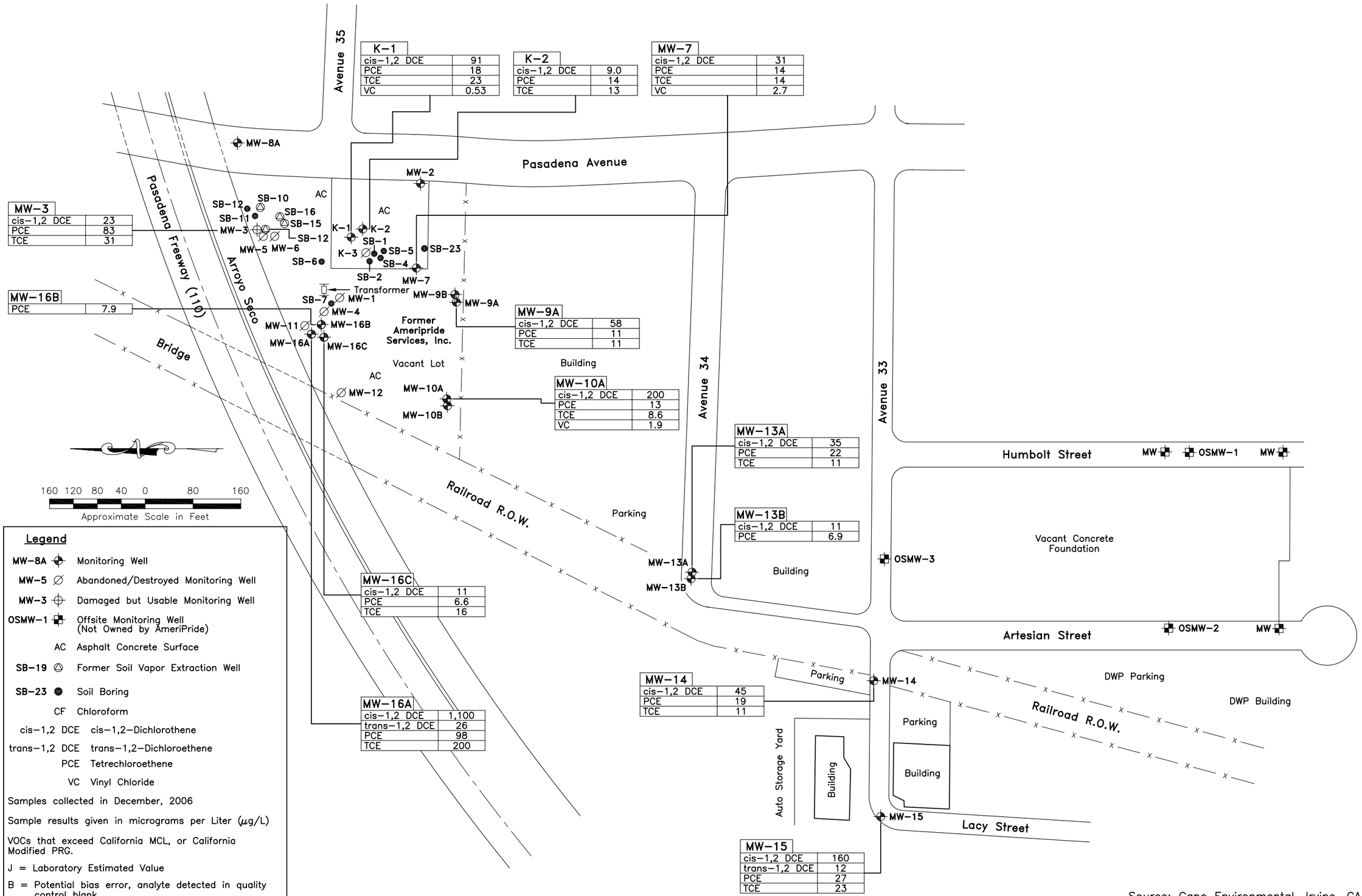
GROUNDWATER ELEVATION CONTOUR MAP – DECEMBER 21–22, 2006

AmeriPride Services Inc.
3505 Pasadena Avenue
Los Angelas, California

PROJECT NUMBER:	10070-001-006
DATE:	02/01/07
SCALE:	1" = 160'

FIGURE NUMBER: 3

FILENAME: 1077000302C



Legend

MW-8A	⊕	Monitoring Well
MW-5	∅	Abandoned/Destroyed Monitoring Well
MW-3	⊕	Damaged but Usable Monitoring Well
OSMW-1	⊞	Offsite Monitoring Well (Not Owned by AmeriPride)
AC		Asphalt Concrete Surface
SB-19	△	Former Soil Vapor Extraction Well
SB-23	●	Soil Boring
CF		Chloroform
cis-1,2 DCE		cis-1,2-Dichlorothene
trans-1,2 DCE		trans-1,2-Dichloroethene
PCE		Tetrechloroethene
VC		Vinyl Chloride

Samples collected in December, 2006

Sample results given in micrograms per Liter (μg/L)

VOCs that exceed California MCL, or California Modified PRG.

J = Laboratory Estimated Value

B = Potential bias error, analyte detected in quality control blank

Source: Cape Environmental, Irvine, CA
AMESITEFIG@_3Qtr05.dwg, 09/05

REVISIONS			
NO:	DESCRIPTION:	DATE:	BY:

DESIGNED BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
DR	KM	DR	JO

ENSR | AECOM
ENSR CORPORATION
999 WEST TOWN AND COUNTRY ROAD
4TH FLOOR
ORANGE, CALIFORNIA 92868
PHONE: (714) 973-9740
FAX: (714) 973-9750
WEB: HTTP://WWW.ENSR.AECOM.COM

GROUNDWATER ANALYTICAL RESULTS DECEMBER 2006

AmeriPride Services Inc.
3505 Pasadena Avenue
Los Angelas, California

SCALE:	DATE:	PROJECT NUMBER:
1" = 160'	02/01/07	10070-001-006

FIGURE NUMBER: 4

FILENAME: 1077000302D

Figure 5

K-1

VOC Concentration and Hydrograph vs. Time

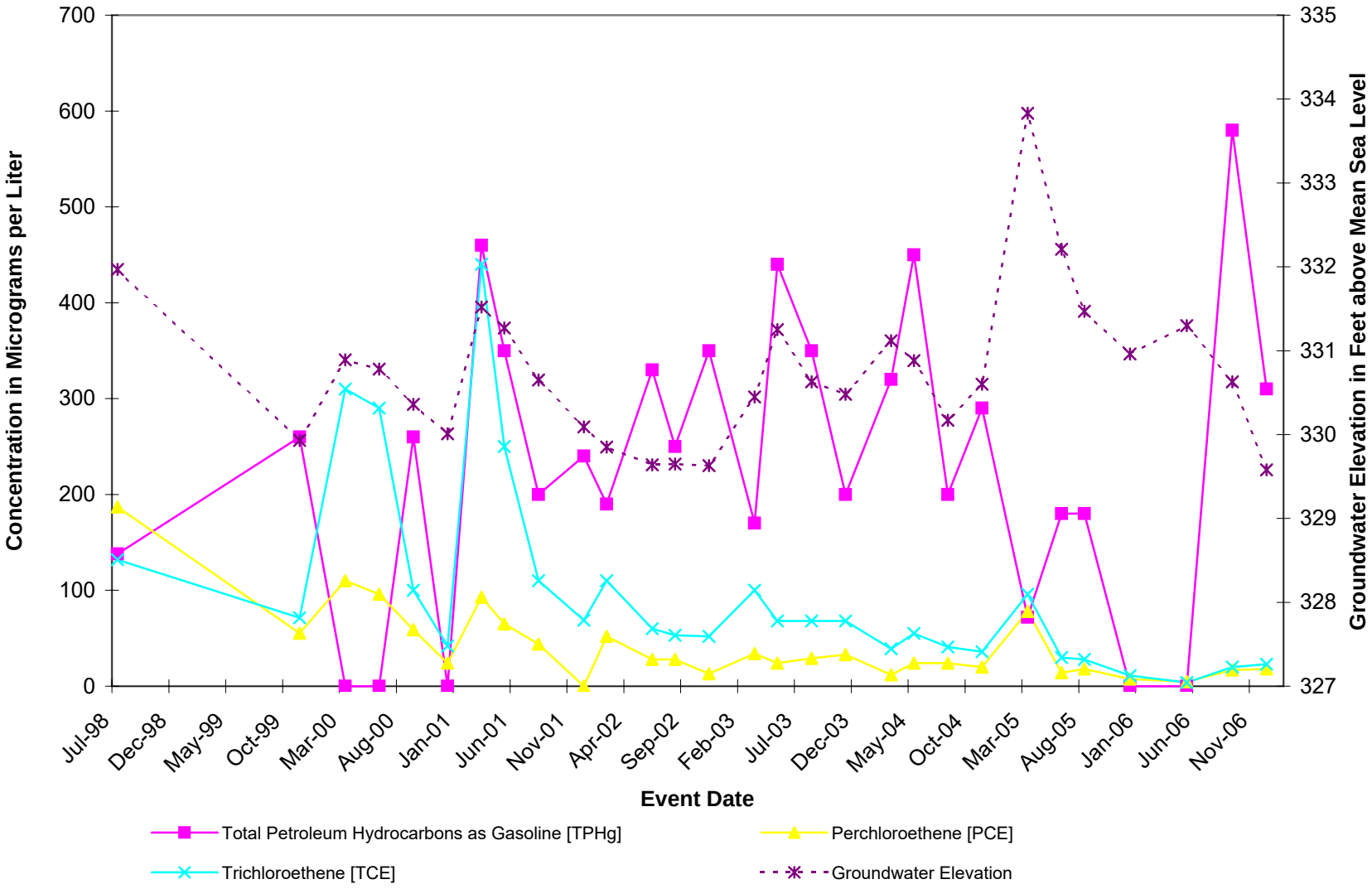


Figure 6

K-2
VOC Concentration and Hydrograph vs. Time

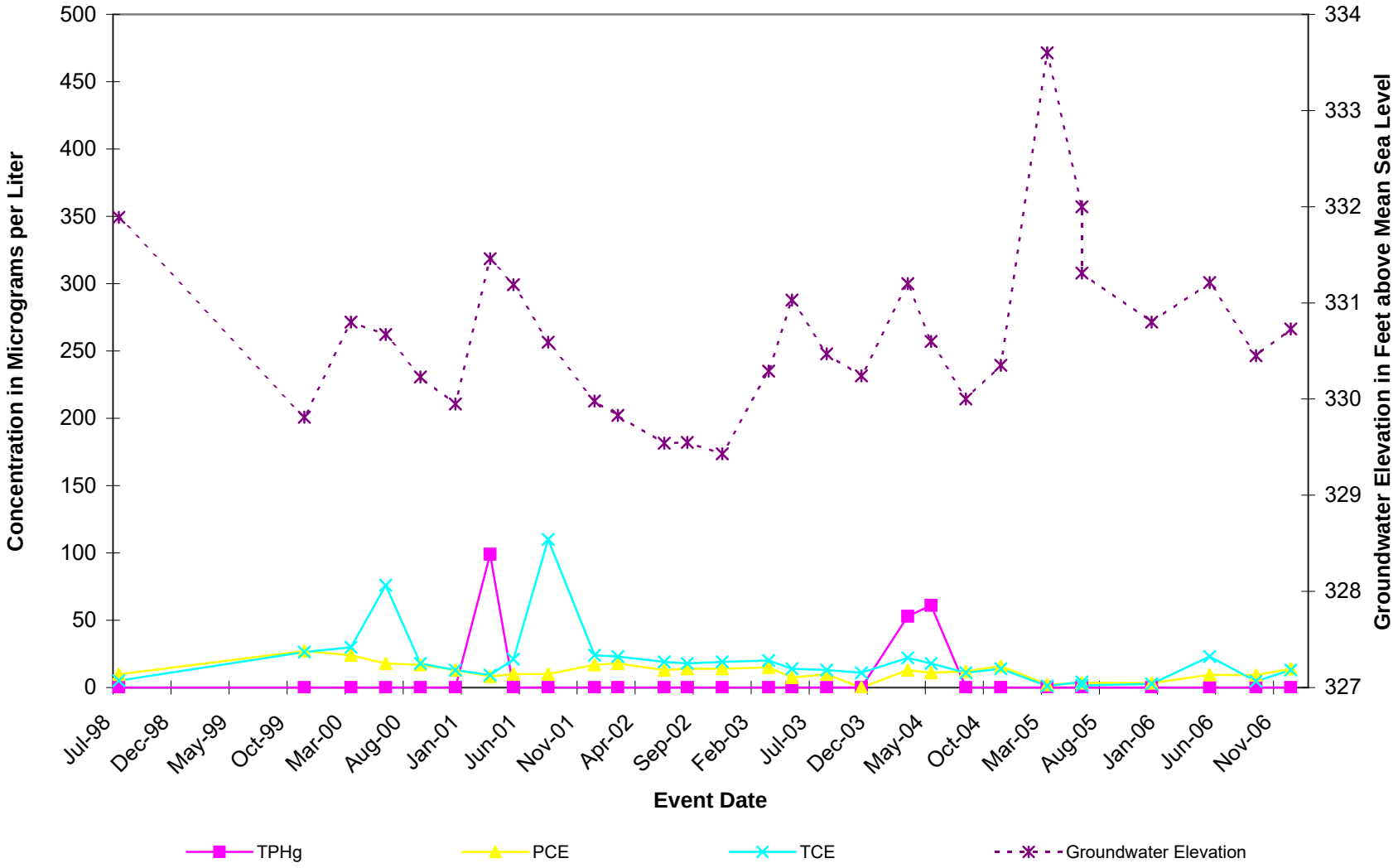


Figure 7

K-3
VOC Concentration and Hydrograph vs. Time

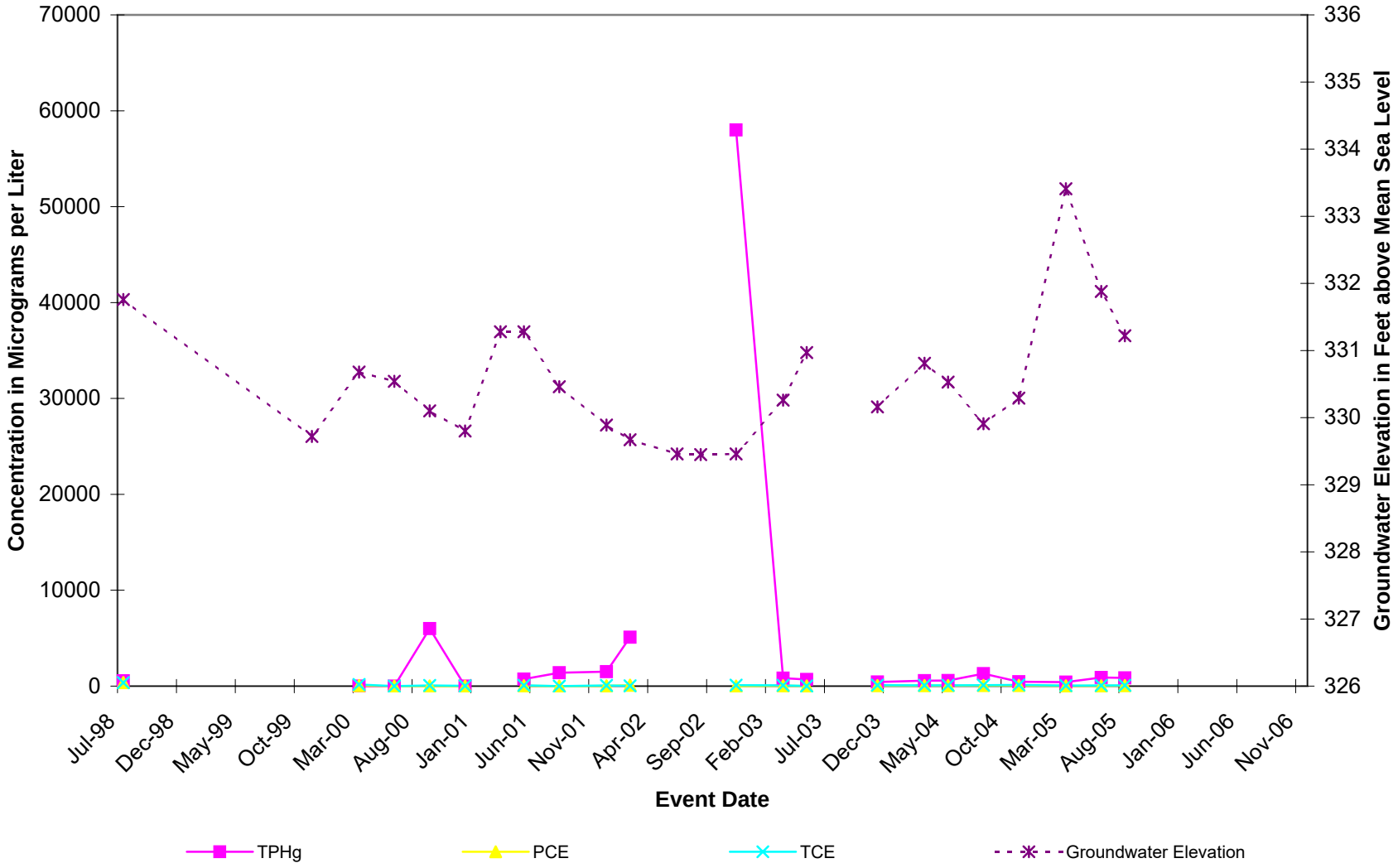


Figure 8

MW-3
VOC Concentration and Hydrograph vs. Time

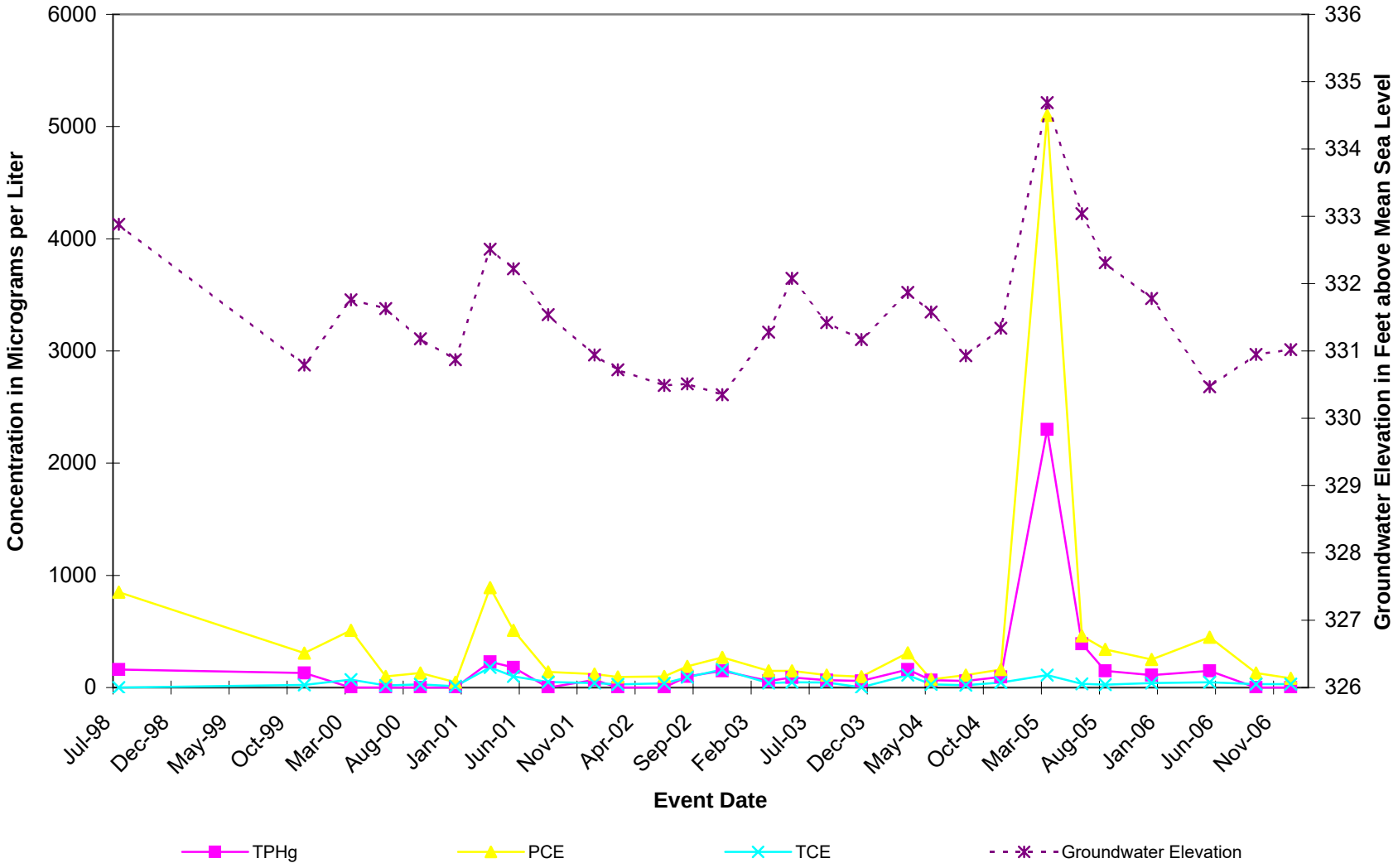


Figure 9

MW-9A
VOC Concentration and Hydrograph vs. Time

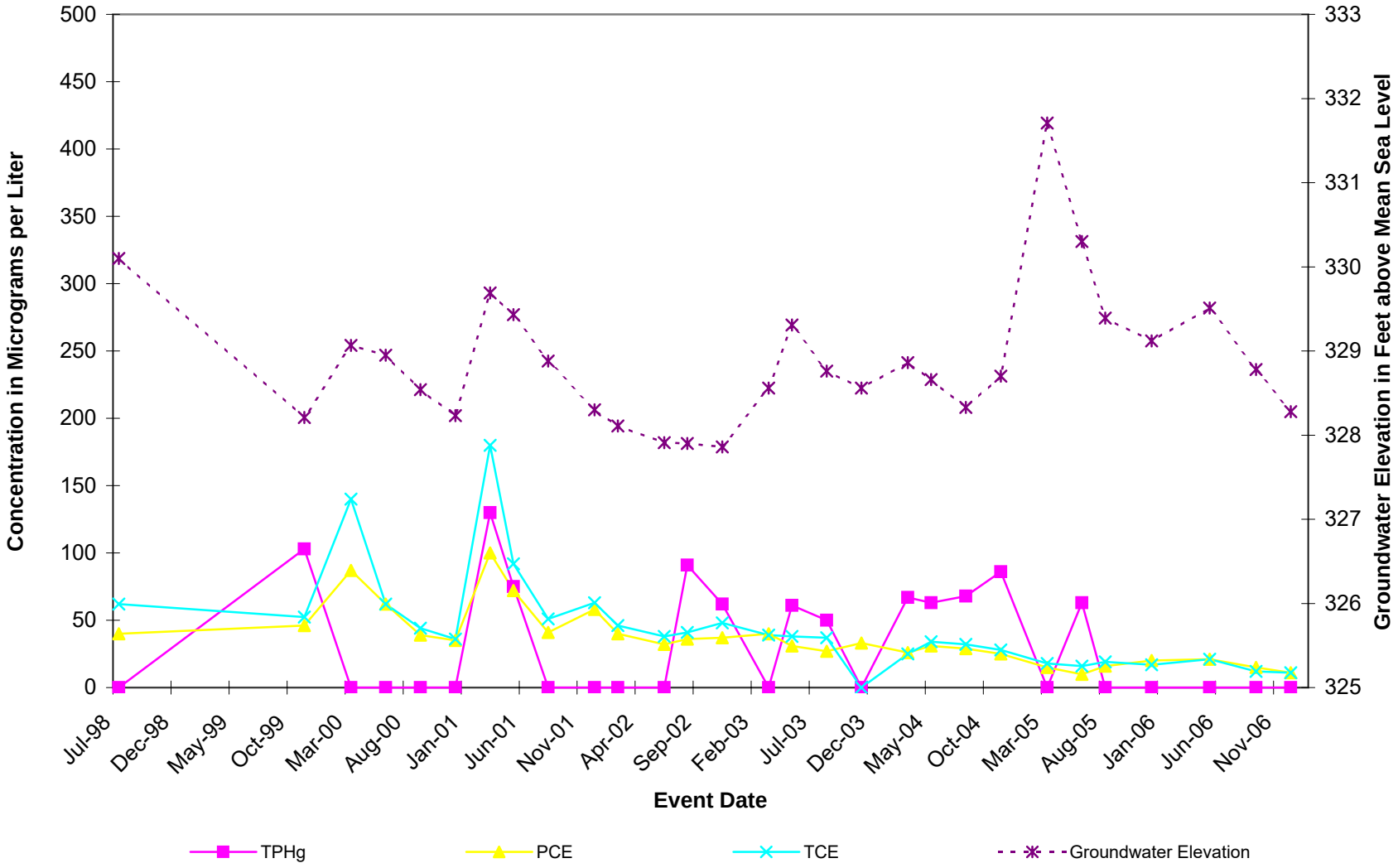


Figure 10

MW-10A
VOC Concentration and Hydrograph vs. Time

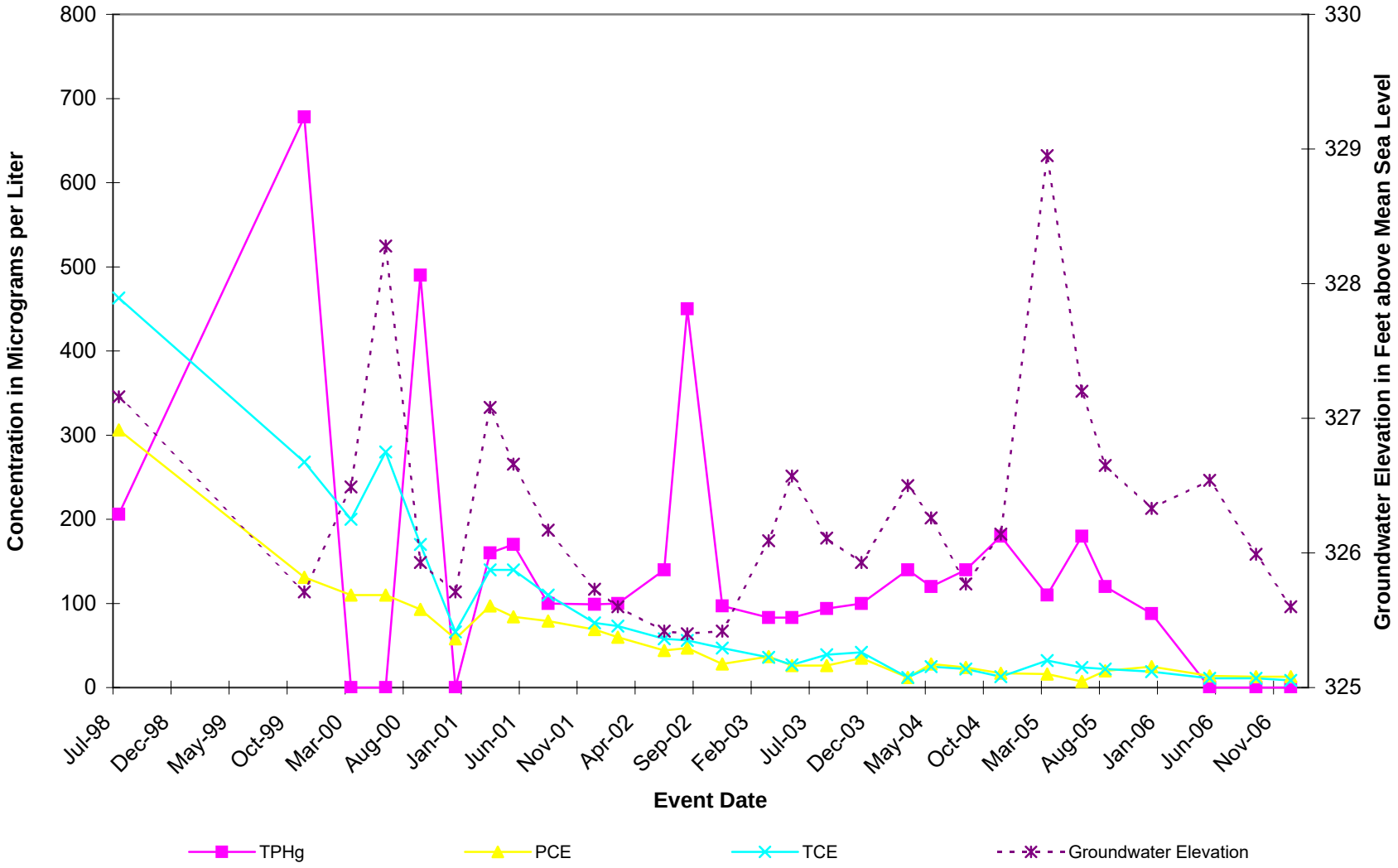


Figure 11

MW-13A
VOC Concentration and Hydrograph vs. Time

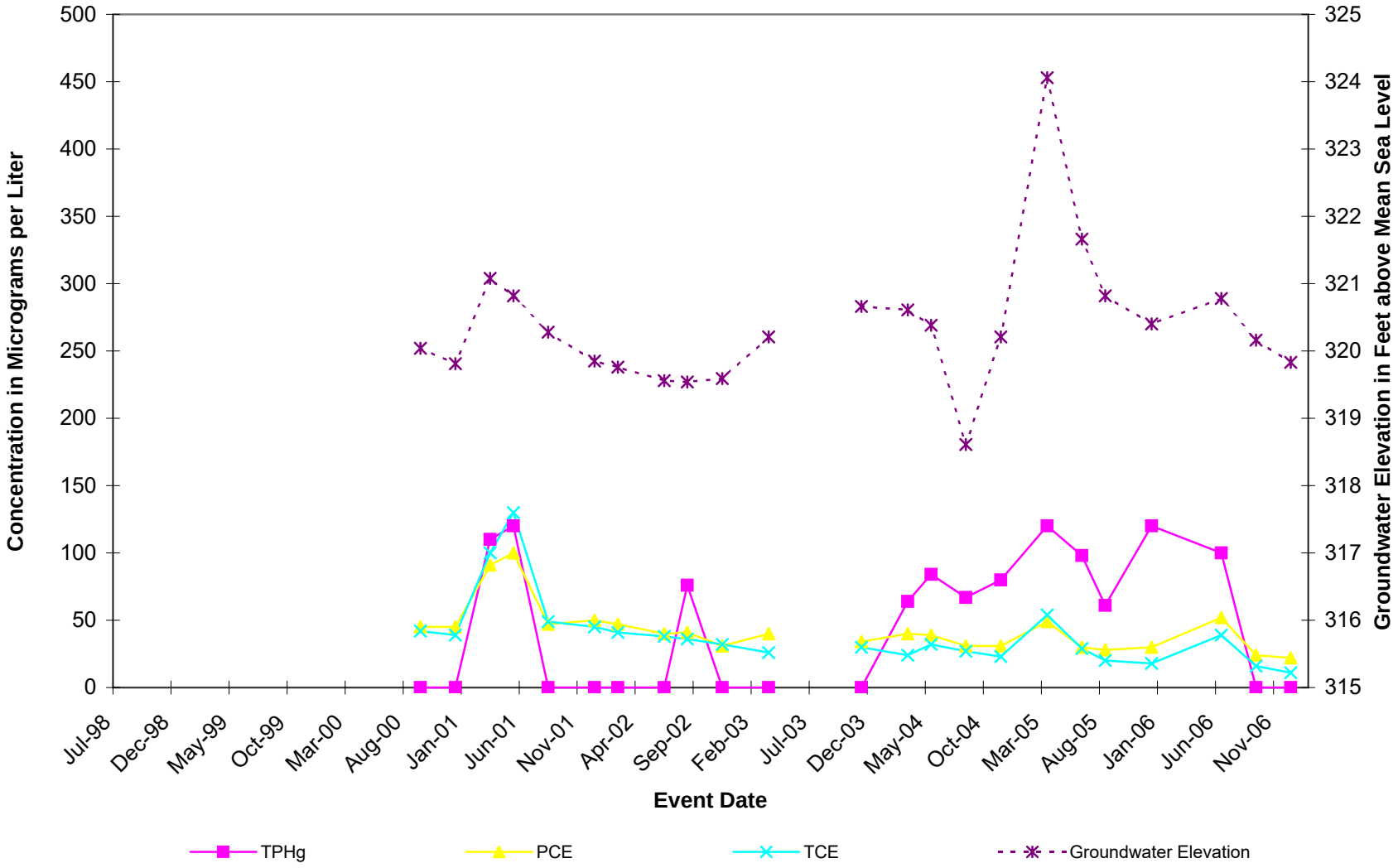


Figure 12

MW-14
VOC Concentration and Hydrograph vs. Time

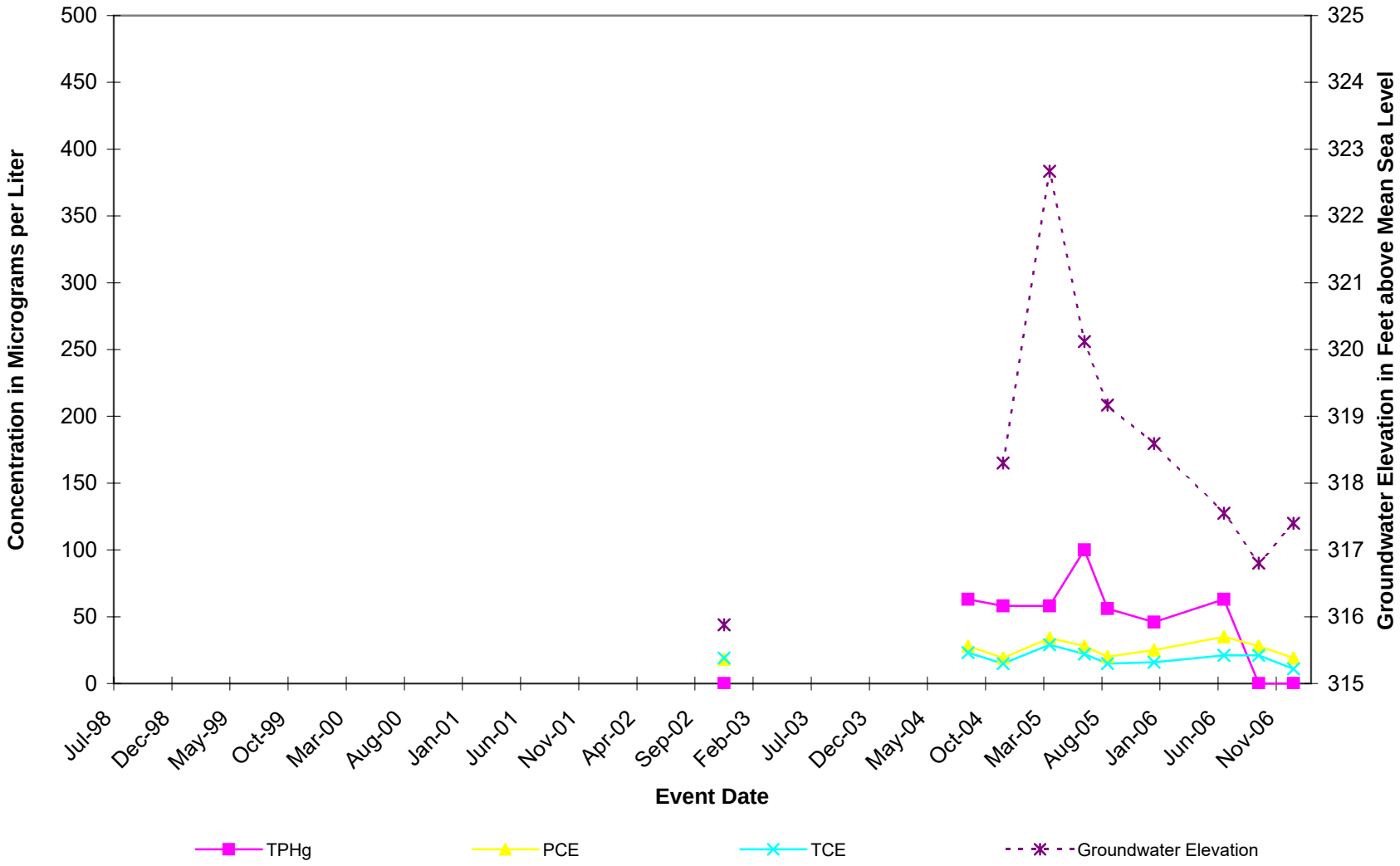
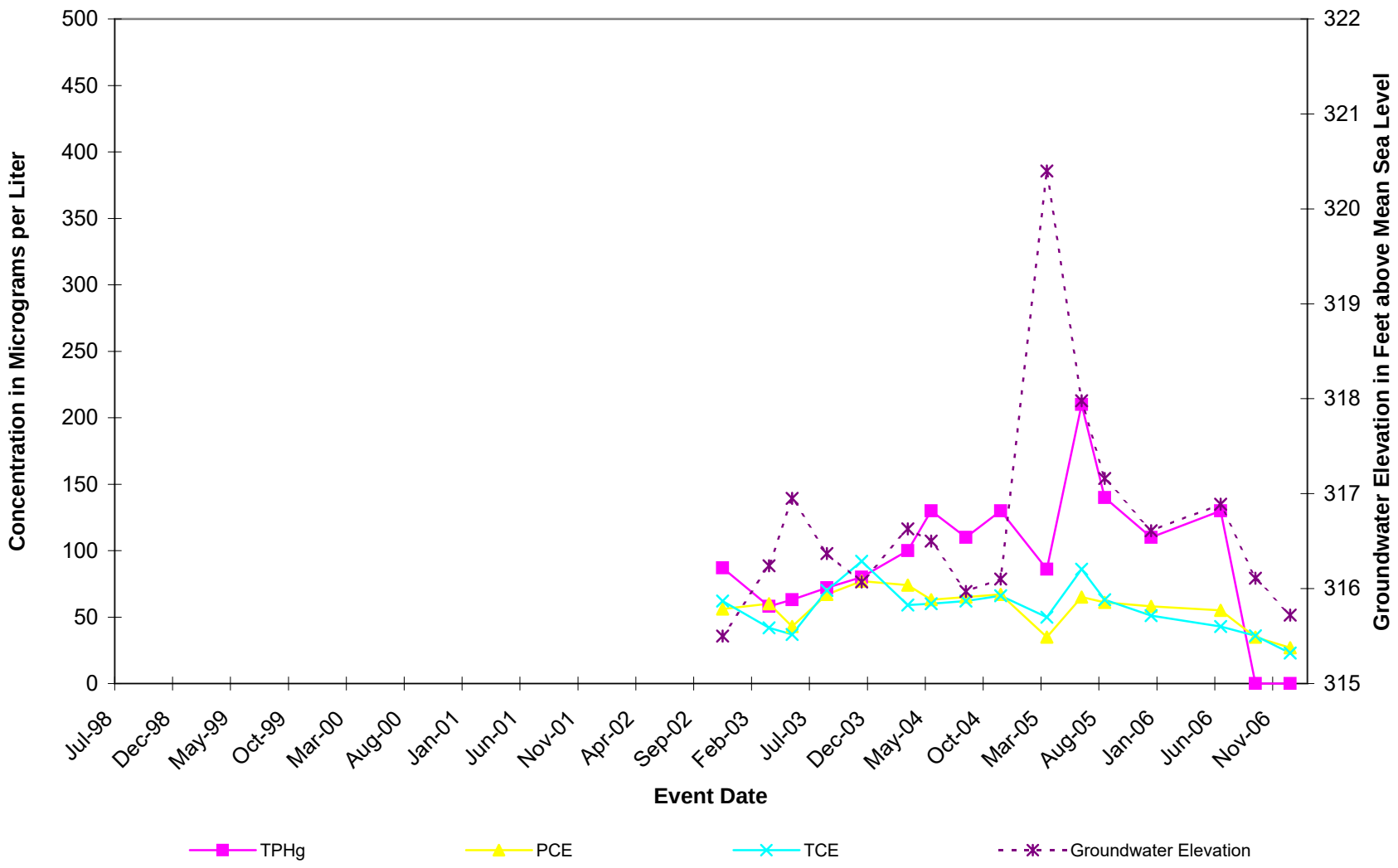


Figure 13

MW-15
VOC Concentration and Hydrograph vs. Time



TABLES

4th Quarter 2006 Groundwater Monitoring Report

Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California

TABLE 1
Summary of Groundwater Elevations
Former Welch's Uniform Site
3505 Pasadene Avenue
Los Angeles, California

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (Feet msl)	DEPTH TO WATER (Feet)	STATIC GROUNDWATER ELEVATION (Feet msl)	LIQUID PRODUCT THICKNESS (Inches)	COMMENTS
MW-1	04/05/89	364.64	34.71	329.93	ND	
	03/05/90	364.64	NM	NM	2.0	
	08/22/91	364.64	34.70	329.94	ND	
	07/20/98	NM	NM	NM	NM	
	11/30/99	NM	NM	NM	NM	
	03/15/00	NM	NM	NM	NM	
	06/29/00	NM	NM	NM	NM	
	09/20/00	363.47	NM	NM	NM	
	03/26/01	NA	NA	NA	NA	Abandoned
MW-2	04/05/89	367.47	38.11	329.36	ND	
	03/05/90	367.47	NM	NM	ND	
	08/22/91	367.47	38.07	329.40	ND	
	07/20/98	367.08	38.89	328.19	ND	
	11/30/99	367.08	37.92	329.16	ND	
	03/15/00	367.08	37.04	330.04	ND	
	06/29/00	367.08	37.13	329.95	ND	
	09/20/00	367.08	37.56	329.52	ND	
	12/04/00	367.08	37.88	329.20	ND	
	03/26/01	367.08	36.39	330.69	ND	
	05/16/01	367.08	36.65	330.43	ND	
	08/20/01	367.08	37.21	329.87	ND	
	12/17/01	367.08	37.81	329.27	ND	
	02/27/02	367.08	38.02	329.06	ND	
	06/03/02	367.08	38.27	328.81	ND	
	08/12/02	367.08	38.25	328.83	ND	
	11/11/02	367.75	38.44	329.31	ND	
	03/10/03	367.75	37.64	330.11	ND	
	05/19/03	367.75	36.86	330.89	ND	
	08/25/03	367.75	37.44	330.31	ND	
	11/17/03	367.75	37.67	330.08	ND	
	03/22/04	367.75	37.06	330.69	ND	
	05/17/04	367.75	37.32	330.43	ND	
	08/16/04	367.75	37.91	329.84	ND	
	11/15/04	367.75	37.50	330.25	ND	
	03/15/05	367.75	34.30	333.45	ND	
	06/13/05	367.75	35.88	331.87	ND	
	08/24/05	367.75	36.58	331.17	ND	
	12/21/05	367.75	37.13	330.62	ND	
	05/31/06	367.03	36.56	330.47	ND	
	09/13/06	367.03	37.27	329.76	ND	
	12/22/06	367.03	37.78	329.25	ND	
MW-3	04/05/89	364.64	NM	NM	0.25	
	03/05/90	364.64	NM	NM	2.0	
	08/22/91	364.64	33.45	331.19	ND	
	07/21/98	364.30	31.42	332.88	ND	
	11/30/99	364.30	33.51	330.79	ND	
	03/15/00	364.30	32.54	331.76	ND	
	06/29/00	364.30	32.67	331.63	ND	
	09/20/00	364.30	33.12	331.18	ND	
	12/05/00	364.30	33.43	330.87	ND	
	03/27/01	364.30	31.79	332.51	ND	
	05/17/01	364.30	32.08	332.22	ND	
	08/21/01	364.30	32.76	331.54	ND	
	12/17/01	364.30	33.36	330.94	ND	
	02/27/02	364.30	33.58	330.72	ND	
	06/03/02	364.30	33.81	330.49	ND	
	08/12/02	364.30	33.79	330.51	ND	
	11/11/02	364.39	34.04	330.35	ND	
	03/10/03	364.39	33.11	331.28	ND	
	05/19/03	364.39	32.31	332.08	ND	
	08/25/03	364.39	32.97	331.42	ND	
	11/17/03	364.39	33.22	331.17	ND	
	03/22/04	364.39	32.52	331.87	ND	
	05/17/04	364.39	32.81	331.58	ND	
	08/16/04	364.39	33.46	330.93	ND	
	11/15/04	364.39	33.05	331.34	ND	
	03/15/05	364.39	29.70	334.69	ND	
	06/13/05	364.39	31.35	333.04	ND	
	08/24/05	364.39	32.08	332.31	ND	
	12/21/2005	364.39	32.61	331.78	ND	
	05/31/06	366.76	34.5	332.26	ND	
	09/13/06	366.76	35.81	330.95	ND	
	12/22/06	366.76	35.74	331.02	ND	

TABLE 1
Summary of Groundwater Elevations
Former Welch's Uniform Site
3505 Pasadene Avenue
Los Angeles, California

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (Feet msl)	DEPTH TO WATER (Feet)	STATIC GROUNDWATER ELEVATION (Feet msl)	LIQUID PRODUCT THICKNESS (Inches)	COMMENTS
MW-4	04/05/89	364.59	NM	NM	0.25	
	03/05/90	364.59	NM	NM	5.0	
	08/22/91	364.59	34.79	329.80	ND	
	07/20/98	364.29	32.71	331.58	ND	
	11/30/99	364.29	34.60	329.69	ND	
	03/15/00	364.29	33.65	330.64	ND	
	06/29/00	364.29	33.84	330.45	ND	
	09/20/00	364.29	34.23	330.06	ND	
	12/05/00	364.29	34.53	329.76	ND	
	03/27/01	364.29	33.03	331.26	ND	
	05/17/01	364.29	33.36	330.93	ND	
	08/21/01	364.29	33.92	330.37	ND	
	12/17/01	364.29	34.46	329.83	ND	
	02/27/02	364.29	34.68	329.61	ND	
	06/03/02	364.29	34.91	329.38	ND	
	08/12/02	364.29	34.90	329.39	ND	
	11/11/02	364.39	35.07	329.32	ND	
	03/10/03	364.39	NA	NA	NA	
	05/19/03	364.39	33.50	330.89	NA	
	08/25/03	364.39	34.09	330.30	ND	
	11/17/03	364.39	34.30	330.09	ND	
	03/22/04	364.39	33.63	330.76	ND	
	05/17/04	364.39	33.94	330.45	ND	
	08/16/04	364.39	34.55	329.84	ND	
	11/15/04	364.39	34.10	330.29	ND	
	03/15/05	364.39	31.10	333.29	ND	
	06/13/05	364.39	32.68	331.71	ND	
	08/24/05	364.39	NA	NA	NA	
	12/21/05	364.39	NA	NA	NA	Obstruction in well
MW-5	04/05/89	364.74	33.86	330.88	ND	
	03/05/90	364.74	NM	NM	ND	
	07/16/91	364.74	NM	NM	4.0	
	08/22/91	364.74	33.70	331.04	ND	
	11/30/99	NM	NM	NM	NM	
	03/15/00	NM	NM	NM	NM	
	06/29/00	NM	NM	NM	NM	
	09/20/00	364.46	NM	NM	NM	
	12/04/00	364.46	NM	NM	NM	
	03/26/01	NA	NA	NA	NA	Abandoned
MW-6	04/05/89	364.81	34.10	330.71	ND	
	03/05/90	364.81	NM	NM	9.5	
	08/22/91	NM	NM	NM	NM	
	11/30/99	NM	NM	NM	NM	
	03/15/00	NM	NM	NM	NM	
	06/29/00	NM	NM	NM	NM	
	09/20/00	364.59	NM	NM	NM	
	12/04/00	364.59	NM	NM	NM	
	03/26/01	NA	NA	NA	NA	Abandoned
MW-7	04/05/89	365.07	35.91	329.16	ND	
	03/05/90	365.07	NM	NM	0.7	
	08/22/91	365.07	35.16	329.91	ND	
	07/20/98	363.91	32.89	331.02	ND	
	11/30/99	363.91	35.80	328.11	ND	
	03/15/00	363.91	33.85	330.06	ND	
	06/29/00	363.91	33.99	329.92	ND	
	09/20/00	363.91	34.42	329.49	ND	
	12/04/00	363.91	34.75	329.16	ND	
	03/26/01	363.91	33.25	330.66	ND	
	05/16/01	363.91	33.53	330.38	ND	
	08/20/01	363.91	34.08	329.83	ND	
	12/17/01	363.91	34.66	329.25	ND	
	02/27/02	363.91	34.87	329.04	ND	
	06/03/02	363.91	35.13	328.78	ND	
	08/12/02	363.91	35.11	328.80	ND	
	11/11/02	364.02	35.27	328.75	ND	
	03/10/03	364.02	34.47	329.55	ND	
	05/19/03	364.02	33.73	330.29	ND	
	08/25/03	364.02	34.30	329.72	ND	
	11/17/03	364.02	34.52	329.50	ND	
	03/22/04	364.02	33.93	330.09	ND	
	05/17/04	364.02	34.18	329.84	ND	
	08/16/04	364.02	34.78	329.24	ND	
	11/15/04	364.02	34.39	329.63	ND	
	03/15/05	364.02	31.40	332.62	ND	
	06/13/05	364.02	32.90	331.12	ND	
	08/24/05	364.02	33.48	330.54	ND	
	12/21/05	364.02	33.92	330.10	ND	
	05/31/06	363.88	33.45	330.43	ND	
	09/13/06	363.88	34.15	329.73	ND	
	12/22/06	363.88	34.67	329.21	ND	

TABLE 1
Summary of Groundwater Elevations
Former Welch's Uniform Site
3505 Pasadene Avenue
Los Angeles, California

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (Feet msl)	DEPTH TO WATER (Feet)	STATIC GROUNDWATER ELEVATION (Feet msl)	LIQUID PRODUCT THICKNESS (Inches)	COMMENTS
MW-8	03/05/90	370.65	38.46	332.19	ND	
	08/22/91	NM	NM	NM	NM	
	11/30/99	NM	NM	NM	NM	
	03/15/00	NM	NM	NM	NM	
	06/29/00	NM	NM	NM	NM	
	09/20/00	370.48	NM	NM	NM	
	12/04/00	370.48	NM	NM	NM	
	03/26/01	NA	NA	NA	NA	Abandoned
MW-8A	09/19/00	373.40	41.19	332.21	ND	
	12/04/00	373.40	41.50	331.90	ND	
	03/26/01	373.40	39.84	333.56	ND	
	05/16/01	373.40	40.13	333.27	ND	
	08/20/01	373.40	40.81	332.59	ND	
	12/17/01	373.40	41.43	331.97	ND	
	02/27/02	373.40	41.63	331.77	ND	
	06/03/02	373.40	41.88	331.52	ND	
	08/12/02	373.40	41.89	331.51	ND	
	11/11/02	373.46	42.11	331.35	ND	
	03/10/03	373.46	41.17	332.29	ND	
	05/19/03	373.46	40.35	333.11	ND	
	08/25/03	373.46	41.04	332.42	ND	
	11/17/03	373.46	41.29	332.17	ND	
	03/22/04	373.46	40.58	332.88	ND	
	05/17/04	373.46	40.90	332.56	ND	
	08/16/04	373.46	41.54	331.92	ND	
	11/15/04	373.46	41.12	332.34	ND	
	03/15/05	373.46	37.50	335.96	ND	
	06/13/05	373.46	39.34	334.12	ND	
	08/24/05	373.46	40.05	333.41	ND	
	12/21/05	373.46	40.61	332.85	ND	
	06/05/06	373.40	40.09	333.31	ND	
	09/14/06	373.40	36.54	336.86	ND	
	12/21/06	373.40	23.35	350.05	ND	
MW-9A	03/05/90	363.86	35.62	328.24	ND	
	08/22/91	363.86	35.56	328.30	ND	
	07/20/98	363.71	33.61	330.10	ND	
	11/30/99	363.71	35.50	328.21	ND	
	03/15/00	363.71	34.65	329.07	ND	
	06/29/00	363.71	34.76	328.95	ND	
	09/19/00	363.71	35.17	328.54	ND	
	12/04/00	363.71	35.48	328.23	ND	
	03/26/01	363.71	34.02	329.69	ND	
	05/16/01	363.71	34.28	329.43	ND	
	08/20/01	363.71	34.83	328.88	ND	
	12/17/01	363.71	35.41	328.30	ND	
	02/27/02	363.71	35.60	328.11	ND	
	06/03/02	363.71	35.80	327.91	ND	
	08/12/02	363.71	35.81	327.90	ND	
	11/11/02	363.81	35.95	327.86	ND	
	03/10/03	363.81	35.25	328.56	ND	
	05/19/03	363.81	34.50	329.31	ND	
	08/25/03	363.81	35.05	328.76	ND	
	11/17/03	363.81	35.25	328.56	ND	
	03/22/04	363.81	34.95	328.86	ND	
	05/17/04	363.81	35.15	328.66	ND	
	08/16/04	363.81	35.48	328.33	ND	
	11/15/04	363.81	35.11	328.70	ND	
	03/15/05	363.81	32.10	331.71	ND	
	06/13/05	363.81	33.51	330.30	ND	
	08/24/05	363.81	34.42	329.39	ND	
	12/21/05	363.81	34.69	329.12	ND	
	05/31/06	363.68	34.17	329.51	ND	
	09/13/06	363.68	34.90	328.78	ND	
	12/22/06	363.68	35.40	328.28	ND	

TABLE 1
Summary of Groundwater Elevations
Former Welch's Uniform Site
3505 Pasadene Avenue
Los Angeles, California

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (Feet msl)	DEPTH TO WATER (Feet)	STATIC GROUNDWATER ELEVATION (Feet msl)	LIQUID PRODUCT THICKNESS (Inches)	COMMENTS
MW-9B	03/05/90	363.86	35.61	328.25	ND	
	08/22/91	363.86	35.53	328.33	ND	
	07/20/98	363.61	33.60	330.01	ND	
	11/30/99	363.61	35.44	328.17	ND	
	03/15/00	363.61	34.51	329.10	ND	
	06/29/00	363.61	34.62	328.99	ND	
	09/19/00	363.61	34.98	328.63	ND	
	12/04/00	363.61	35.48	328.13	ND	
	03/26/01	363.61	33.82	329.79	ND	
	05/16/01	363.61	34.10	329.51	ND	
	08/20/01	363.61	34.67	328.94	ND	
	12/17/01	363.61	35.21	328.40	ND	
	02/27/02	363.61	35.37	328.24	ND	
	06/03/02	363.61	35.62	327.99	ND	
	08/12/02	363.61	35.61	328.00	ND	
	11/11/02	363.76	35.76	328.00	ND	
	03/10/03	363.76	34.97	328.79	ND	
	05/19/03	363.76	34.30	329.46	ND	
	08/25/03	363.76	34.84	328.92	ND	
	11/17/03	363.76	35.03	328.73	ND	
	03/22/04	363.76	34.39	329.37	ND	
	05/17/04	363.76	34.65	329.11	ND	
	08/16/04	363.76	35.22	328.54	ND	
	11/15/04	363.76	34.85	328.91	ND	
	03/15/05	363.76	31.70	332.06	ND	
	06/13/05	363.76	33.26	330.50	ND	
	08/24/05	363.76	33.92	329.84	ND	
	12/21/05	363.76	34.36	329.40	ND	
	05/31/06	363.58	33.91	329.67	ND	
	09/13/06	363.58	34.61	328.97	ND	
	12/22/06	363.58	35.10	328.48	ND	
MW-10A	03/05/90	364.28	38.33	325.95	ND	
	08/22/91	364.28	38.46	325.82	ND	
	07/20/98	364.23	37.07	327.16	ND	
	11/30/99	364.23	38.52	325.71	ND	
	03/15/00	364.23	37.74	326.49	ND	
	06/29/00	364.23	35.95	328.28	ND	
	09/19/00	364.23	38.30	325.93	ND	
	12/04/00	364.23	38.52	325.71	ND	
	03/26/01	364.23	37.15	327.08	ND	
	05/16/01	364.23	37.57	326.66	ND	
	08/20/01	364.23	38.06	326.17	ND	
	12/17/01	364.23	38.50	325.73	ND	
	02/27/02	364.23	38.63	325.60	ND	
	06/03/02	364.23	38.81	325.42	ND	
	08/12/02	364.23	38.83	325.40	ND	
	11/11/02	364.35	38.93	325.42	ND	
	03/10/03	364.35	38.26	326.09	ND	
	05/19/03	364.35	37.78	326.57	ND	
	08/25/03	364.35	38.24	326.11	ND	
	11/17/03	364.35	38.42	325.93	ND	
	03/22/04	364.35	37.85	326.50	ND	
	05/17/04	364.35	38.09	326.26	ND	
	08/16/04	364.35	38.58	325.77	ND	
	11/15/04	364.35	38.21	326.14	ND	
	03/15/05	364.35	35.40	328.95	ND	
	06/13/05	364.35	37.15	327.20	ND	
	08/24/05	364.35	37.70	326.65	ND	
	12/21/05	364.35	38.02	326.33	ND	
	05/31/06	364.18	37.64	326.54	ND	
	09/13/06	364.18	38.19	325.99	ND	
	12/22/06	364.18	38.58	325.60	ND	

TABLE 1
Summary of Groundwater Elevations
Former Welch's Uniform Site
3505 Pasadene Avenue
Los Angeles, California

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (Feet msl)	DEPTH TO WATER (Feet)	STATIC GROUNDWATER ELEVATION (Feet msl)	LIQUID PRODUCT THICKNESS (Inches)	COMMENTS
MW-10B	03/05/90	364.28	37.63	326.65	ND	
	08/22/91	364.28	37.62	326.66	ND	
	07/20/98	364.13	35.92	328.21	ND	
	11/30/99	364.13	37.58	326.55	ND	
	03/15/00	364.13	36.71	327.42	ND	
	06/29/00	364.13	36.92	327.21	ND	
	09/19/00	364.13	37.37	326.76	ND	
	12/04/00	364.13	38.52	325.61	ND	
	03/26/01	364.13	36.26	327.87	ND	
	05/16/01	364.13	36.44	327.69	ND	
	08/20/01	364.13	36.97	327.16	ND	
	12/17/01	364.13	37.42	326.71	ND	
	02/27/02	364.13	37.56	326.57	ND	
	06/03/02	364.13	37.80	326.33	ND	
	08/12/02	364.13	37.79	326.34	ND	
	11/11/02	364.22	37.90	326.32	ND	
	03/10/03	364.22	37.15	327.07	ND	
	05/19/03	364.22	36.58	327.64	ND	
	08/25/03	364.22	37.11	327.11	ND	
	11/17/03	364.22	37.28	326.94	ND	
	03/22/04	364.22	36.67	327.55	ND	
	05/17/04	364.22	36.96	327.26	ND	
	08/16/04	364.22	37.48	326.74	ND	
	11/15/04	364.22	37.14	327.08	ND	
	03/15/05	364.22	34.00	330.22	ND	
	06/13/05	364.22	35.79	328.43	ND	
	08/24/05	364.22	36.40	327.82	ND	
	12/21/05	364.22	36.76	327.46	ND	
	05/31/06	364.07	36.31	327.76	ND	
	9/13/2006	364.07	36.95	327.12	ND	
	12/22/2006	364.07	37.30	326.77	ND	
MW-11	09/20/00	363.78	33.71	330.07	ND	
	12/05/00	363.78	33.98	329.80	ND	
	03/27/01	363.78	32.52	331.26	ND	
	05/17/01	363.78	32.83	330.95	ND	
	08/21/01	363.78	33.40	330.38	ND	
	12/17/01	363.78	33.93	329.85	ND	
	02/27/02	363.78	34.12	329.66	ND	
	06/03/02	363.78	34.35	329.43	ND	
	08/12/02	363.78	34.34	329.44	ND	
	11/11/02	363.92	34.55	329.37	ND	
	03/10/03	363.92	33.70	330.22	ND	
	05/19/03	363.92	33.01	330.91	ND	
	08/25/03	363.92	33.58	330.34	ND	
	11/17/03	363.92	33.80	330.12	ND	
	03/22/04	363.92	33.15	330.77	ND	
	05/17/04	363.92	33.45	330.47	ND	
	08/16/04	363.92	34.03	329.89	ND	
	11/15/04	NA	NA	NA	NA	
	03/15/05	NA	NA	NA	NA	
	08/24/05	NA	NA	NA	NA	
	12/21/05	NA	NA	NA	NA	Destroyed?
MW-12	09/20/00	363.55	35.17	328.38	ND	
	12/05/00	363.55	35.42	328.13	ND	
	03/27/01	363.55	34.07	329.48	ND	
	05/17/01	363.55	34.34	329.21	ND	
	08/21/01	363.55	34.83	328.72	ND	
	12/17/01	363.55	35.37	328.18	ND	
	02/27/02	363.55	35.53	328.02	ND	
	06/03/02	363.55	35.71	327.84	ND	
	08/12/02	363.55	35.69	327.86	ND	
	11/11/02	363.64	35.58	328.06	ND	
	03/10/03	363.64	35.14	328.50	ND	
	05/19/03	363.64	34.47	329.17	ND	
	08/25/03	363.64	35.02	328.62	ND	
	11/17/03	363.64	35.25	328.39	ND	
	03/22/04	363.64	34.60	329.04	ND	
	05/17/04	363.64	34.88	328.76	ND	
	08/16/04	363.64	35.43	328.21	ND	
	11/15/04	363.64	35.05	328.59	ND	
	03/15/05	363.64	31.80	331.84	ND	
	06/13/05	363.64	33.36	330.28	ND	
	08/24/05	363.64	33.80	329.84	ND	
	12/21/05	363.64	34.29	329.35	ND	
	05/31/06	363.64	33.81	329.83	ND	
	09/13/06	NA	NA	NA	NA	Destroyed

TABLE 1
Summary of Groundwater Elevations
Former Welch's Uniform Site
3505 Pasadene Avenue
Los Angeles, California

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (Feet msl)	DEPTH TO WATER (Feet)	STATIC GROUNDWATER ELEVATION (Feet msl)	LIQUID PRODUCT THICKNESS (Inches)	COMMENTS
MW-13A	09/19/00	359.95	39.91	320.04	ND	
	12/05/00	359.95	40.14	319.81	ND	
	03/26/01	359.95	38.87	321.08	ND	
	05/16/01	359.95	39.13	320.82	ND	
	08/20/01	359.95	39.67	320.28	ND	
	12/17/01	359.95	40.10	319.85	ND	
	02/27/02	359.95	40.19	319.76	ND	
	06/03/02	359.95	40.39	319.56	ND	
	08/12/02	359.95	40.41	319.54	ND	
	11/11/02	360.06	40.47	319.59	ND	
	03/10/03	360.06	39.85	320.21	ND	
	05/19/03	360.06	NA	NA	NA	
	08/25/03	360.06	NA	NA	NA	
	11/17/03	360.06	39.40	320.66	ND	
	03/22/04	360.06	39.45	320.61	ND	
	05/17/04	360.06	39.68	320.38	ND	
	08/16/04	360.06	41.45	318.61	ND	
	11/15/04	360.06	39.85	320.21	ND	
	03/15/05	360.06	36.00	324.06	ND	
	06/13/05	360.06	38.40	321.66	ND	
	08/24/05	360.06	39.24	320.82	ND	
	12/21/05	360.06	39.66	320.40	ND	
	06/05/06	359.93	39.15	320.78	ND	
	09/13/06	359.93	39.77	320.16	ND	
	12/21/06	359.93	40.10	319.83	ND	
MW-13B	09/19/00	360.11	41.22	318.89	ND	
	12/05/00	360.11	41.54	318.57	ND	
	03/26/01	360.11	40.16	319.95	ND	
	05/16/01	360.11	40.34	319.77	ND	
	08/20/01	360.11	40.95	319.16	ND	
	12/17/01	360.11	41.46	318.65	ND	
	02/27/02	360.11	41.58	318.53	ND	
	06/03/02	360.11	41.85	318.26	ND	
	08/12/02	360.11	41.90	318.21	ND	
	11/11/02	360.27	41.96	318.31	ND	
	03/10/03	360.27	41.00	319.27	ND	
	05/19/03	360.27	NA	NA	NA	
	08/25/03	360.27	NA	NA	NA	
	11/17/03	360.27	40.15	320.12	ND	
	03/22/04	360.27	40.53	319.74	ND	
	05/17/04	360.27	40.76	319.51	ND	
	08/16/04	360.27	41.29	318.98	ND	
	11/15/04	360.27	41.03	319.24	ND	
	03/15/05	360.27	37.00	323.27	ND	
	06/13/05	360.27	39.08	321.19	ND	
	08/24/05	360.27	39.92	320.35	ND	
	12/21/05	360.27	40.45	319.82	ND	
	06/05/06	359.88	40.02	319.86	ND	
	09/13/06	359.88	40.70	319.18	ND	
	12/21/06	359.88	41.11	318.77	ND	
MW-14	11/11/02	356.67	40.79	315.88	ND	
	03/10/03	356.67	NA	NA	NA	
	05/19/03	356.67	NA	NA	NA	
	08/25/03	356.67	NA	NA	NA	
	11/17/03	356.67	NA	NA	NA	
	03/22/04	356.67	NA	NA	NA	
	05/17/04	356.67	NA	NA	NA	
	08/16/04	356.67	NA	NA	NA	
	11/15/04	356.67	38.37	318.30	ND	
	03/15/05	356.67	34.00	322.67	ND	
	06/13/05	356.67	36.55	320.12	ND	
	08/24/05	356.67	37.50	319.17	ND	
	12/21/05	356.67	38.08	318.59	ND	
	06/05/06	355.05	37.50	317.55	ND	
	09/13/06	355.05	38.25	316.80	ND	
	12/21/06	355.05	37.65	317.40	ND	

TABLE 1
Summary of Groundwater Elevations
Former Welch's Uniform Site
3505 Pasadene Avenue
Los Angeles, California

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (Feet msl)	DEPTH TO WATER (Feet)	STATIC GROUNDWATER ELEVATION (Feet msl)	LIQUID PRODUCT THICKNESS (Inches)	COMMENTS
MW-15	11/11/02	354.20	38.70	315.50	ND	
	03/10/03	354.20	37.96	316.24	ND	
	05/19/03	354.20	37.25	316.95	ND	
	08/25/03	354.20	37.83	316.37	ND	
	11/17/03	354.20	38.13	316.07	ND	
	03/22/04	354.20	37.57	316.63	ND	
	05/17/04	354.20	37.70	316.50	ND	
	08/16/04	354.20	38.23	315.97	ND	
	11/15/04	354.20	38.10	316.10	ND	
	03/15/05	354.20	33.80	320.40	ND	
	06/13/05	354.20	36.22	317.98	ND	
	08/24/05	354.20	37.04	317.16	ND	
	12/21/05	354.20	37.59	316.61	ND	
	06/05/06	353.91	37.02	316.89	ND	
	09/13/06	353.91	37.80	316.11	ND	
	12/21/06	353.91	38.19	315.72	ND	
MW-16A	05/31/06	364.84	34.04	330.80	ND	
	09/13/06	364.84	34.69	330.15	ND	
	12/22/06	364.84	35.15	329.69	ND	
MW-16B	05/31/06	365.61	34.70	330.91	ND	
	09/13/06	365.61	35.35	330.26	ND	
	12/22/06	365.61	35.80	329.81	ND	
MW-16C	05/31/06	365.10	33.33	331.77	ND	
	09/13/06	365.10	34.08	331.02	ND	
	12/22/06	365.10	34.43	330.67	ND	
K-1	04/05/89	365.21	NM	NM	0.5 - 1.0	
	03/05/90	365.21	NM	NM	3.6	
	08/22/91	365.21	35.12	330.09	ND	
	07/21/98	365.07	33.10	331.97	ND	
	11/30/99	365.07	35.14	329.93	ND	
	03/15/00	365.07	34.18	330.89	ND	
	06/29/00	365.07	34.29	330.78	ND	
	09/20/00	365.07	34.71	330.36	ND	
	12/04/00	365.07	35.06	330.01	ND	
	03/26/01	365.07	33.55	331.52	ND	
	05/17/01	365.07	33.80	331.27	ND	
	08/21/01	365.07	34.42	330.65	ND	
	12/17/01	365.07	34.98	330.09	ND	
	02/27/02	365.07	35.22	329.85	ND	
	06/03/02	365.07	35.43	329.64	ND	
	08/12/02	365.07	35.42	329.65	ND	
	11/11/02	365.23	35.60	329.63	ND	
	03/10/03	365.23	34.78	330.45	ND	
	05/19/03	365.23	33.98	331.25	ND	
	08/25/03	365.23	34.60	330.63	ND	
	11/17/03	365.23	34.75	330.48	ND	
	03/22/04	365.23	34.11	331.12	ND	
	05/17/04	365.23	34.35	330.88	ND	
	08/16/04	365.23	35.06	330.17	ND	
	11/15/04	365.23	34.63	330.60	ND	
	03/15/05	365.23	31.40	333.83	ND	
	06/13/05	365.23	33.02	332.21	ND	
	08/24/05	365.23	33.76	331.47	ND	
	12/21/05	365.23	34.27	330.96	ND	
	05/31/06	365.03	33.73	331.30	ND	
	09/13/06	365.03	34.40	330.63	ND	
	12/22/06	365.03	35.45	329.58	ND	

TABLE 1
Summary of Groundwater Elevations
Former Welch's Uniform Site
3505 Pasadene Avenue
Los Angeles, California

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (Feet msl)	DEPTH TO WATER (Feet)	STATIC GROUNDWATER ELEVATION (Feet msl)	LIQUID PRODUCT THICKNESS (Inches)	COMMENTS
K-2	04/05/89	366.01	NM	NM	0.5 - 1.0	
	03/05/90	366.01	NM	NM	<0.1	
	08/22/91	366.01	35.97	330.04	ND	
	07/21/98	365.60	33.71	331.89	ND	
	11/30/99	365.60	35.79	329.81	ND	
	03/15/00	365.60	34.80	330.80	ND	
	06/29/00	365.60	34.93	330.67	ND	
	09/20/00	365.60	35.37	330.23	ND	
	12/04/00	365.60	35.65	329.95	ND	
	03/26/01	365.60	34.14	331.46	ND	
	05/17/01	365.60	34.41	331.19	ND	
	08/21/01	365.60	35.01	330.59	ND	
	12/17/01	365.60	35.62	329.98	ND	
	02/27/02	365.60	35.77	329.83	ND	
	06/03/02	365.60	36.06	329.54	ND	
	08/12/02	365.60	36.05	329.55	ND	
	11/11/02	365.70	36.27	329.43	ND	
	03/10/03	365.70	35.41	330.29	ND	
	05/19/03	365.70	34.67	331.03	ND	
	08/25/03	365.70	35.23	330.47	ND	
	11/17/03	365.70	35.46	330.24	ND	
	03/22/04	365.70	34.50	331.20	ND	
	05/17/04	365.70	35.10	330.60	ND	
	08/16/04	365.70	35.70	330.00	ND	
	11/15/04	365.70	35.35	330.35	ND	
	03/15/05	365.70	32.10	333.60	ND	
	06/13/05	365.70	33.70	332.00	ND	
	08/24/05	365.70	34.39	331.31	ND	
	12/21/05	365.70	34.90	330.80	ND	
	05/31/06	365.53	34.32	331.21	ND	
	09/13/06	365.53	35.08	330.45	ND	
	12/22/06	365.53	34.80	330.73	ND	
K-3	07/21/98	365.28	33.52	331.76	ND	
	11/30/99	365.28	35.56	329.72	ND	
	03/15/00	365.29	34.61	330.68	ND	
	06/29/00	365.28	34.74	330.54	ND	
	09/20/00	365.28	35.18	330.10	ND	
	12/04/00	365.28	35.48	329.80	ND	
	03/26/01	365.28	34.00	331.28	ND	
	05/17/01	365.28	34.00	331.28	ND	
	08/21/01	365.28	34.82	330.46	ND	
	12/17/01	365.28	35.39	329.89	ND	
	02/27/02	365.28	35.61	329.67	ND	
	06/03/02	365.28	35.82	329.46	ND	
	08/12/02	365.28	35.83	329.45	ND	
	11/11/02	365.41	35.95	329.46	ND	
	03/10/03	365.41	35.15	330.26	ND	
	05/19/03	365.41	34.44	330.97	ND	
	08/25/03	365.41	NA	NA	NA	
	11/17/03	365.41	35.25	330.16	ND	
	03/22/04	365.41	34.60	330.81	ND	
	05/17/04	365.41	34.88	330.53	ND	
	08/16/04	365.41	35.50	329.91	ND	
	11/15/04	365.41	35.12	330.29	ND	
	03/15/05	365.41	32.00	333.41	ND	
	06/13/05	365.41	33.53	331.88	ND	
	08/24/05	365.41	34.19	331.22	ND	
	12/21/05	364.80	NA	NA	NA	Obstruction in well

NOTES:

eet msl: Feet above mean sea level.

NM: Not monitored

ND: Not detected

NA: Not applicable, well was not accessible and/or damaged

[1]: Surveyed data by Case Land Surveying, Inc. on 2/21/89

[2]: Surveyed data by Towill Survey, Inc. on 7/24/98

[3]: Surveyed data by Case Land Surveying, Inc. on 11/16/89

[4]: Surveyed data by Towill Survey, Inc. on 9/20/00

[5]: Surveyed data by Thienes Engineering, Inc. on 11/11/02

[6]: Surveyed data by WM Holdings, Inc. on 7/11/06

Table 2
Summary of Groundwater Quality Data
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California

Date	Temperature (Degrees Celcius)	Specific Conductivity (S/M)	pH	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
MW-2						
December 21, 2005	21.7	0.15	7.23	157	4.9	670
May 31, 2006	20	9.99†	6.84	104	1.37	0
September 14, 2006	22.1	0.125	6.73	139	3.95	9
December 22, 2006	21.1	0.155	6.57	104	6.64	0
MW-3						
December 21, 2005	20.3	0.13	7.18	152	5.5	990
May 31, 2006	20.6	0.164	6.84	-146	1.28	71
September 14, 2006	22.2	0.124	6.71	138	3.95	0
December 28, 2006	NR	NR	NR	NR	NR	NR
MW-7						
December 22, 2005	22.5	0.14	6.94	-35	4.1	990
May 31, 2006	21	9.99†	6.71	21	0.91	0
September 15, 2006	21.3	0.125	6.56	37	2.91	0
December 22, 2006	21.7	0.159	7.88	-16	5.8	0
MW-8A						
December 21, 2005	21.1	0.14	6.81	193	5.1	350
June 5, 2006	21.7	2.37	6.88	123	4.01	0
September 14, 2006	21.8	0.127	6.66	137	3.33	0
December 21, 2006	20.4	0.16	7.80	198	6.75	0
MW-9A						
December 22, 2005	22.1	0.14	7.26	-259	0.5	-10
May 31, 2006	21.3	0.309	6.79	-300	0	0
September 15, 2006	21.2	0.117	6.72	200	0	0
December 22, 2006	NR	NR	NR	NR	NR	NR
MW-9B						
December 22, 2005	21.9	0.14	7.37	-19	2.2	990
May 31, 2006	21.3	9.99†	6.89	42	0.39	0
September 15, 2006	21.1	0.127	6.69	114	1.22	0
December 22, 2006	NR	NR	NR	NR	NR	NR
MW-10A						
December 22, 2005	21.8	0.13	7.18	-328	0.2	-10
May 31, 2006	21.4	0.506	6.81	-318	0	0
September 15, 2006	21.2	0.116	6.78	-343	0	0
December 22, 2006	NR	NR	NR	NR	NR	NR
MW-10B						
December 22, 2005	21.6	0.15	7.40	-255	2.5	-10
May 31, 2006	21.1	0.134	7.20	-277	0	0
September 15, 2006	21.0	0.131	7.05	-250	0.21	0
December 22, 2006	NR	NR	NR	NR	NR	NR
MW-12		.				
December 21, 2005	21.6	0.13	6.81	69	4.5	360
May 31, 2006	19.3	0.141	6.64	-212	1.6	999

Table 2
Summary of Groundwater Quality Data
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California

Date	Temperature (Degrees Celcius)	Specific Conductivity (S/M)	pH	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
MW-13A						
December 21, 2005	21.9	0.14	6.66	181	1.3	18
June 5, 2006	21.5	9.99†	6.66	125	0.22	0
September 14, 2006	20.8	0.121	7.71	NM	5.54	0
December 21, 2006	21.0	0.161	7.87	-242	4.18	205
MW-13B						
December 21, 2005	21.5	0.14	7.30	154	3.4	-10
June 5, 2006	21.1	9.99†	6.96	113	0.47	0
September 14, 2006	20.8	0.124	7.97	NM	5.66	0
December 21, 2006	21.1	0.243	7.89	-85	3.96	0
MW-14						
December 21, 2005	21.7	0.14	7.05	181	4.4	990
June 5, 2006	21.3	9.99†	6.67	132	0.62	150
September 14, 2006	19.8	0.117	8.05	NM	6.33	12
December 21, 2006	21.1	0.151	7.84	33	5.65	309
MW-15						
December 21, 2005	21.5	0.13	6.76	206	2.1	520
June 5, 2006	21.1	9.99†	6.49	152	0.34	50
September 14, 2006	20.8	0.110	7.84	NM	5.81	0
December 21, 2006	20.9	0.319	7.76	11	3.84	360
MW-16A						
June 5, 2006	20.2	0.2	6.98	52	7.71	120
September 15, 2006	20.7	0.162	6.97	-78	0	0
December 28, 2006	NR	NR	NR	NR	NR	NR
MW-16B						
June 5, 2006	20.4	9.99†	6.92	132	1.2	139
September 15, 2006	20.7	0.118	6.50	-20	0.59	0
December 28, 2006	NR	NR	NR	NR	NR	NR
MW-16C						
June 5, 2006	20.9	9.99†	7.14	60	0	47
September 15, 2006	20.3	0.123	6.69	12	2.95	0
December 28, 2006	NR	NR	NR	NR	NR	NR
K-1						
December 21, 2005	19.0	0.14	7.79	81	6.2*	510
May 31, 2006	21.0	9.99†	7.27	-36	2.03	8
September 15, 2006	20.7	0.124	7.32	119	5.33	15
December 22, 2006	17.9	0.155	8.75	21	8.90	380
K-2						
December 21, 2005	21.4	0.15	7.82	148	6.4*	460
May 31, 2006	20.9	0.28	6.91	125	6.08	2
September 15, 2006	20.3	0.124	7.23	130	4.95	36
December 22, 2006	16.7	0.151	8.80	73	9.09	0

Notes:
S/M = siemens per meter
mV = millivolts
mg/L = milligrams per liter
NTU = nephelometric turbidity units
NM = Not Monitored
NR = No Purge Record
Water quality parameters taken inside well with a Horiba U-22 except MW-13A, MW-13B, MW-14, MW-15, K-1 and K-2
* = Dissolved oxygen likely elevated because of air lift techniques
† = Specific conductivity instrument showing an error message

Table 3
Summary of Detected Chemical Concentrations in Groundwater (ug/L)
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California

WELL	DATE	EPA 8015M		EPA 8270C(M)	EPA 8260B							
I.D.	SAMPLED	TVPH	TEPH	1,4-Dioxane	CF	1,1-DCE	c-DCE	t-DCE	PCE	TCE	MTBE	OTHER VOCs
MCLs		210[1]	210[1]	3[2]	70	6	6	10	5	5	13[2]	See values at end of table
MW-2	7/20/98	ND<100	NA	NA	NA	ND<1.0	ND<1.0	ND<1.0	1.6	1.4	ND<2.0	Methylene Chloride (**8.5**) 1,1,1,2-PCA (**1.2**)
	11/30/99	ND<100	NA	NA	NA	ND<1.0	ND<1.0	ND<1.0	4.08	1.26	ND<2.0	
	3/15/00	ND<100	NA	NA	NA	ND<1.0	ND<1.0	ND<1.0	4.8	2.2	ND<1.0	
	6/29/00	ND<100	NA	NA	NA	ND<1.0	ND<1.0	ND<1.0	3.3	1.4	ND<1.0	
	9/20/00	ND<100	NA	NA	NA	ND<1.0	ND<1.0	ND<1.0	3.5	1.4	ND<1.0	
	12/4/00	ND<100	NA	NA	NA	ND<1.0	ND<1.0	ND<1.0	2.5	1.0	ND<1.0	
	3/26/01	ND<50	NA	NA	NA	ND<0.5	ND<0.5	ND<0.5	4.5	2.3	ND<1.0	
	5/16/01	ND<50	NA	NA	ND<0.5	ND<0.5	ND<0.5	ND<0.5	2.9	1.3	ND<1.0	
	8/20/01	ND<50	NA	NA	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.6	ND<0.5	ND<1.0	
	12/17/01	ND<50	NA	NA	ND<0.5	ND<0.5	ND<0.5	ND<0.5	2.6	0.93	ND<1.0	
	2/27/02	ND<50	NA	NA	0.52	ND<0.5	ND<0.5	ND<0.5	3.1	1.3	ND<1.0	
	6/3/02	ND<50	NA	NA	ND<0.5	ND<0.5	0.65	ND<0.5	3.8	2.5	ND<1.0	
	8/12/02	ND<50	NA	NA	0.77	ND<0.5	1.0	ND<0.5	3.8	2.4	ND<1.0	
	11/12/02	ND<50	NA	NA	0.72	ND<0.5	0.82	ND<0.5	ND<0.5	2.0	ND<1.0	
	3/10/03	ND<50	NA	NA	0.70	ND<0.5	0.70	ND<0.5	1.2	1.9	ND<1.0	
	5/19/03	ND<50	NA	NA	0.70	ND<0.5	0.70	ND<0.5	2.0	1.2	ND<1.0	
	8/25/03	ND<50	NA	NA	0.79	ND<0.5	0.78	ND<0.5	2.0	1.0	ND<1.0	
	11/18/03	ND<50	NA	NA	0.74	ND<0.5	0.65	ND<0.5	1.7	0.94	ND<1.0	
	3/23/04	ND<50	NA	NA	0.52	ND<0.5	0.78	ND<0.5	1.3	0.85	ND<1.0	
	5/18/04	ND<50	NA	NA	0.63	ND<0.5	0.55	ND<0.5	2.0	0.89	ND<1.0	
	8/17/04	ND<50	NA	NA	0.55	ND<1.0	0.68	ND<0.5	2.3	1.2	ND<1.0	
	11/16/04	ND<50	NA	NA	0.86	ND<1.0	0.68	ND<0.5	1.9	0.89	ND<1.0	
	3/15/05	ND<50	NA	NA	0.58	ND<1.0	0.84	ND<0.5	1.8	1.4	ND<1.0	
	6/13/05	ND<50	NA	NA	ND<0.5	ND<1.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.0	
	8/24/05	ND<50	NA	NA	ND<0.5	ND<1.0	ND<0.5	ND<0.5	0.67	ND<0.5	ND<1.0	
	12/21/05	ND<44	NA	NA	0.46J	ND<0.31	ND<0.35	ND<0.29	0.82J	ND<0.30	ND<0.29	
	5/31/06	ND<48	ND<480	NA	1.5B	ND<0.31	ND<0.35	ND<0.29	1.1	ND<0.30	ND<0.29	Methylene Chloride (**7.4J,B**)
	9/14/06	ND<48	NA	<0.4	0.75	ND<0.26	ND<0.63	ND<0.83	0.87J	ND<0.31	ND<0.23	
	12/22/06	ND<48	NA	NA	0.47J	ND<0.26	ND<0.63	ND<0.83	0.97J	ND<0.31	ND<0.23	
MW-3	7/21/98	**160**	NA	NA	NA	ND<50	ND<5.0	ND<50	**850**	ND<50	ND<100	
	11/30/99	**130**	NA	NA	NA	ND<20	ND<10	ND<10	**308**	**24.3**	ND<20	
	3/15/00	ND<100	NA	NA	NA	ND<10	ND<10	ND<10	**510**	**71**	ND<10	
	6/29/00	ND<100	NA	NA	NA	ND<2.0	2.0	ND<2.0	**100**	**20**	ND<2.0	
	9/20/00	ND<100	NA	NA	NA	ND<2.0	3.8	2.2	**130**	**29**	ND<2.0	
	12/5/00	ND<100	NA	NA	NA	ND<1.0	ND<1.0	ND<1.0	**47**	**12**	ND<1.0	
	3/27/01	**230**	NA	NA	NA	ND<25	ND<25	ND<25	**890**	**180**	ND<50	
	5/17/01	**180**	NA	NA	ND<2.5	ND<2.5	**16**	ND<2.5	**510**	**100**	ND<5.0	
	8/21/01	ND<50	NA	NA	ND<0.5	ND<0.5	**8.6**	ND<0.5	**140**	**50**	ND<1.0	
	12/18/01	**69**	NA	NA	ND<2.5	ND<2.5	**10**	ND<2.5	**120**	**40**	ND<5.0	
	2/28/02	ND<50	NA	NA	1.7	ND<5.0	5.9	2.4	**94**	**28**	ND<1.0	
	6/4/02	ND<50	NA	NA	ND<0.5	ND<0.5	5.6	3.3	**100**	**38**	ND<1.0	
	8/13/02	**100**	NA	NA	1.7	ND<0.5	**15**	4.5	**190**	**93**	ND<1.0	
	11/12/02	**150**	NA	NA	2.6	ND<2.5	**33**	7.2	**270**	**160**	ND<5.0	
	3/11/03	**60**	NA	NA	2.1	ND<1.0	**13**	2.8	**150**	**41**	ND<2.0	
	5/19/03	**90**	NA	NA	2.1	ND<1.0	**22**	2.8	**150**	**47**	ND<2.0	
	8/26/03	**65**	NA	NA	2.5	ND<0.5	**27**	2.5	**110**	**44**	ND<1.0	
	11/18/03	**58**	NA	NA	ND<0.5	ND<0.5	**19**	2.9	**97**	**2.2**	ND<1.0	
	3/23/04	**160**	NA	NA	1.7	ND<1.0	**34**	5.8	**310**	**110**	ND<1.0	
	5/18/04	**66**	NA	NA	1.8	ND<0.5	**21**	1.5	**74**	**28**	ND<1.0	
	8/17/04	**59**	NA	NA	1.7	ND<1.0	**7.8**	1.4	**110**	**22**	ND<1.0	
	11/16/04	**95**	NA	NA	2.2	ND<1.0	**17**	3.2	**160**	**46**	ND<1.0	
	3/15/05	**2300**	NA	NA	ND<25	ND<50	ND<25	ND<25	**5100**	**110**	ND<50	
	6/13/05	**390**	NA	NA	ND<2.5	ND<5.0	**36**	ND<2.5	**460**	**34**	ND<5.0	
	8/25/05	**150**	NA	NA	ND<2.5	ND<5.0	**18**	ND<2.5	**340**	**25**	ND<5.0	
	12/21/05	**110**	NA	NA	1.4J	ND<0.61	**15**	1.6J	**250**	**40**	ND<0.59	
	5/31/06	**150**	**740**	NA	3B	ND<0.61	**38**	1.9J	**450**	**48**	ND<0.59	
	9/14/06	ND<48	ND<480	<0.4	1.2	ND<0.26	**19**	1.7	**130**	**31**	ND<0.23	
	12/28/06	ND<48	ND<480	NA	0.98 J	ND<0.26	**23**	2.2	**83**	**31**	ND<0.23	

Table 3
Summary of Detected Chemical Concentrations in Groundwater (ug/L)
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California

WELL	DATE	EPA 8015M		EPA 8270C(M)	EPA 8260B						
I.D.	SAMPLED	TVPH	TEPH	1,4-Dioxane	CF	1,1-DCE	c-DCE	t-DCE	PCE	TCE	MTBE	OTHER VOCs
MW-4	7/20/98	**696**	NA	NA	NA	ND<500	**3,400**	ND<500	**2,500**	**1,080**	ND<1,000	
	11/30/99	**2,200**	NA	NA	NA	ND<200	**2,880**	ND<100	**2,360**	**1,410**	ND<200	
	3/15/00	ND<100	NA	NA	NA	ND<100	**6,600**	ND<100	**3,200**	**2,300**	ND<100	Vinyl Chloride (**200**)
	6/29/00	ND<100	NA	NA	NA	ND<50	**3,000**	**58**	**3,500**	**1,800**	ND<50	
	9/20/00	**2,500**	NA	NA	NA	ND<50	**2,300**	ND<50	**2,800**	**1,900**	ND<50	
	12/5/00	ND<100	NA	NA	NA	ND<50	**1,800**	ND<50	**2,300**	**1,600**	ND<50	
	3/27/01	**630**	NA	NA	NA	ND<25	**4,500**	ND<25	**1,800**	**1,500**	ND<50	
	5/17/01	**1,100**	NA	NA	ND<25	ND<25	**3,000**	**70**	**3,300**	**2,600**	ND<50	
	8/21/01	**800**	NA	NA	ND<25	ND<25	**4,100**	ND<25	**2,800**	**2,400**	ND<50	
	12/18/01	**640**	NA	NA	ND<25	ND<25	**5,600**	**77**	**2,800**	**3,200**	ND<50	
	2/28/02	**1,400**	NA	NA	ND<25	ND<25	**2,800**	**45**	**2,500**	**2,600**	ND<50	
	6/4/02	**1,600**	NA	NA	ND<0.5	ND<0.5	**2,600**	**3.5**	**1,800**	**2,400**	ND<1.0	
	8/13/02	**2,700**	NA	NA	ND<25	ND<25	**3,100**	**48**	**1,600**	**2,300**	ND<50	
	11/12/02	**1,900**	NA	NA	ND<25	ND<25	**2,400**	**39**	**1,700**	**2,700**	ND<50	
	3/10/03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	5/19/03	**1,600**	NA	NA	ND<25	ND<25	**4,700**	**56**	**1,100**	**1,400**	ND<50	
	8/26/03	**1,600**	NA	NA	ND<25	ND<25	**5,300**	**62**	**1,700**	**3,500**	ND<50	Vinyl Chloride (**54**)
	11/18/03	**3,000**	NA	NA	ND<25	ND<25	**8,000**	**99**	**1,800**	**6,700**	ND<50	Vinyl Chloride (**66**)
	3/23/04	**3,800**	NA	NA	ND<50	ND<50	**12,000**	**160**	**1,500**	**2,100**	ND<100	
	5/18/04	**3,400**	NA	NA	ND<50	ND<50	**11,000**	**170**	**1,200**	**2,100**	ND<100	Vinyl Chloride (**110**)
	8/17/04	**3,400**	NA	NA	ND<25	ND<50	**2,500**	**33**	**670**	**2,400**	ND<50	
	11/16/04	**4,700**	NA	NA	ND<25	ND<50	**7,900**	**74**	**2,400**	**5,100**	ND<50	Vinyl Chloride (**110**)
	3/16/05	**880**	NA	NA	ND<10	ND<20	**1,500**	**15**	**140**	**570**	ND<20	
	6/14/05	**1,400**	NA	NA	ND<25	ND<50	**5,400**	**110**	**100**	**500**	ND<50	
	8/24/05	--	--	--	--	--	--	--	--	--	--	
	12/22/05	--	--	--	--	--	--	--	--	--	--	
	5/31/06	--	--	--	--	--	--	--	--	--	--	
	9/15/06	--	--	--	--	--	--	--	--	--	--	
MW-7	7/20/98	ND<100	NA	NA	NA	ND<12	**121**	**30**	**53**	**93**	ND<25	Methylene Chloride (**57**) Vinyl Chloride (**26**)
	11/30/99	**107**	NA	NA	NA	ND<5.0	**51**	7	**35**	**49**	ND<5.0	
	3/15/00	ND<100	NA	NA	NA	ND<5.0	**290**	**15**	**120**	**140**	ND<5.0	
	6/29/00	ND<100	NA	NA	NA	ND<2.0	**160**	**18**	**72**	**73**	ND<2.0	
	9/20/00	**110**	NA	NA	NA	ND<1.0	**89**	**12**	**65**	**72**	ND<1.0	
	12/4/00	ND<100	NA	NA	NA	ND<1.0	**52**	6.8	**44**	**49**	ND<1.0	
	3/26/01	**140**	NA	NA	NA	ND<2.5	**220**	**27**	**55**	**95**	ND<5.0	
	5/16/01	**110**	NA	NA	ND<2.5	ND<2.5	**260**	**26**	**66**	**87**	ND<5.0	
	8/20/01	ND<50	NA	NA	ND<0.5	ND<0.5	**140**	**15**	**44**	**60**	ND<1.0	
	12/17/01	**70**	NA	NA	ND<2.5	ND<2.5	**66**	**10**	**56**	**75**	ND<5.0	
	2/27/02	**130**	NA	NA	0.93	ND<0.5	**62**	7.1	**47**	**61**	ND<1.0	Vinyl Chloride (**3.9**)
	6/3/02	**70**	NA	NA	ND<0.5	ND<0.5	**80**	6.9	**49**	**69**	ND<1.0	
	8/12/02	**86**	NA	NA	1.3	ND<0.5	**82**	6.4	**48**	**63**	ND<1.0	
	11/12/02	**150**	NA	NA	1.6	ND<0.5	**72**	5.9	**47**	**68**	ND<1.0	
	3/11/03	**63**	NA	NA	1.2	ND<0.5	**130**	8.6	**50**	**59**	ND<1.0	Vinyl Chloride (**1.6**)
	5/19/03	**89**	NA	NA	1.5	ND<1.0	**180**	**12**	**27**	**41**	ND<2.0	1,1,2,2-PCA (1.5)
	8/25/03	**92**	NA	NA	1.5	ND<1.0	**140**	**11**	**33**	**51**	ND<2.0	Vinyl Chloride (**13**)
	11/18/03	**67**	NA	NA	1.6	ND<1.0	**99**	ND<1.0	**40**	**31**	ND<2.0	Vinyl Chloride (**6.2**)
	3/23/04	**96**	NA	NA	0.65	ND<0.5	**100**	ND<0.5	**32**	**38**	ND<1.0	
	5/18/04	**100**	NA	NA	1.2	ND<1.0	**130**	**12**	**34**	**44**	ND<2.0	Vinyl Chloride (**4.3**)
	8/17/04	**78**	NA	NA	1.1	ND<1.0	**74**	8.7	**38**	**46**	ND<1.0	
	11/16/04	**100**	NA	NA	1.2	ND<1.0	**87**	8.7	**39**	**58**	ND<1.0	Vinyl Chloride (**4.3**)
	3/16/05	**85**	NA	NA	0.78	ND<1.0	**82**	6.2	**25**	**32**	ND<1.0	
	6/14/05	**68**	NA	NA	0.57	ND<1.0	**36**	5.6	**18**	**25**	ND<1.0	Vinyl Chloride (**1.6**)
	8/25/05	**67**	NA	NA	0.66	ND<1.0	**36**	3.5	**24**	**24**	ND<1.0	
	12/22/05	**170**	470J	NA	0.62J	ND<0.31	**30**	2.0	**24**	**23**	ND<0.29	Vinyl Chloride (0.49J)
	5/31/06	**67**	**850**	NA	1.7B	ND<0.31	**79**	5.6	**31**	**31**	ND<0.29	Methylene Chloride (**6.1J,B**) Vinyl Chloride (**0.69**)
	9/15/06	ND<48	ND<480	NA	0.79J	ND<0.26	**44**	3.9	**16**	**17**	ND<0.23	Vinyl Chloride (**1.6**)
	12/22/06	**83**	ND<480	NA	0.45J	ND<0.26	**31**	1.6	**14**	**14**	ND<0.23	1,2-Dichlorobenzene (0.21J) Vinyl Chloride (**2.7**)

Table 3
Summary of Detected Chemical Concentrations in Groundwater (ug/L)
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California

WELL	DATE	EPA 8015M		EPA 8270C(M)	EPA 8260B							
I.D.	SAMPLED	TVPH	TEPH	1,4-Dioxane	CF	1,1-DCE	c-DCE	t-DCE	PCE	TCE	MTBE	OTHER VOCs
MW-8A	9/19/00	ND<100	NA	NA	NA	ND<1.0	ND<1.0	ND<1.0	1.5	ND<1.0	ND<1.0	
	12/4/00	ND<100	NA	NA	NA	ND<1.0	ND<1.0	ND<1.0	1.0	ND<1.0	ND<1.0	
	3/26/01	ND<50	NA	NA	NA	ND<0.5	ND<0.5	ND<0.5	1.6	ND<0.5	ND<1.0	
	5/16/01	ND<50	NA	NA	1.1	ND<0.5	ND<0.5	ND<0.5	1.6	ND<0.5	ND<1.0	
	8/20/01	ND<50	NA	NA	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.7	ND<0.5	ND<1.0	
	12/17/01	ND<50	NA	NA	1.2	ND<0.5	ND<0.5	ND<0.5	1.6	ND<0.5	ND<1.0	
	2/27/02	ND<50	NA	NA	1.3	ND<0.5	ND<0.5	ND<0.5	1.7	ND<0.5	ND<1.0	
	6/3/02	ND<50	NA	NA	ND<0.5	ND<0.5	ND<0.5	ND<0.5	3.2	0.86	ND<1.0	
	8/12/02	ND<50	NA	NA	1.4	ND<0.5	ND<0.5	ND<0.5	2.9	0.71	ND<1.0	
	11/11/02	ND<50	NA	NA	1.6	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.0	
	3/10/03	ND<50	NA	NA	1.7	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.0	
	5/19/03	ND<50	NA	NA	1.4	ND<0.5	ND<0.5	ND<0.5	1.1	ND<0.5	ND<1.0	
	8/25/03	ND<50	NA	NA	2.0	ND<0.5	ND<0.5	ND<0.5	2.2	0.76	ND<1.0	
	11/17/03	ND<50	NA	NA	1.7	ND<0.5	ND<0.5	ND<0.5	1.8	ND<0.5	ND<1.0	
	3/22/04	ND<50	NA	NA	1.1	ND<0.5	ND<0.5	ND<0.5	0.54	ND<0.5	ND<1.0	
	5/17/04	ND<50	NA	NA	1.4	ND<0.5	ND<0.5	ND<0.5	1.3	ND<0.5	ND<1.0	
	8/16/04	ND<50	NA	NA	1.4	ND<1.0	ND<0.5	ND<0.5	1.5	ND<0.5	ND<1.0	
	11/15/04	ND<50	NA	NA	1.6	ND<1.0	ND<0.5	ND<0.5	1.2	ND<0.5	ND<1.0	
	3/15/05	ND<50	NA	NA	1.1	ND<1.0	ND<0.5	ND<0.5	0.71	ND<0.5	ND<1.0	
	6/13/05	ND<50	NA	NA	ND<0.5	ND<1.0	0.83	ND<0.5	ND<0.5	ND<0.5	ND<1.0	
	8/24/05	ND<50	NA	NA	0.92	ND<1.0	ND<0.5	ND<0.5	0.86	ND<0.5	ND<1.0	
	12/21/05	ND<44	NA	NA	1.1	ND<0.31	ND<0.35	ND<0.29	1.0	ND<0.30	ND<0.29	
	6/5/06	ND<48	ND<480	NA	1.1B	ND<0.31	ND<0.35	ND<0.29	1.1	ND<0.30	ND<0.29	Methylene chloride (4.6J)
	9/14/06	ND<48	NA	NA	0.92J	ND<0.26	ND<0.63	ND<0.83	1.4	ND<0.31	ND<0.23	Chloroethane (0.70J) Naphthalene (0.72J,B)
	12/21/06	ND<48	NA	NA	0.95J	ND<0.26	ND<0.63	ND<0.83	0.78J	ND<0.31	ND<0.23	Acetone (8.8J)
MW-9A	7/20/98	ND<100	NA	NA	NA	ND<12	**72**	**23**	**40**	**62**	ND<25	Methylene chloride (**54**)
	11/30/99	**103**	NA	NA	NA	ND<5.0	**62**	3	**46**	**52.4**	ND<5.0	
	3/15/00	ND<100	NA	NA	NA	ND<10	**570**	**12**	**87**	**140**	ND<10	
	6/29/00	ND<100	NA	NA	NA	ND<2.0	**130**	6.2	**62**	**62**	ND<2.0	
	9/19/00	ND<100	NA	NA	NA	ND<1.0	**75**	3.6	**39**	**44**	ND<1.0	
	12/4/00	ND<100	NA	NA	NA	ND<1.0	**55**	2.8	**35**	**36**	ND<1.0	
	3/26/01	**130**	NA	NA	NA	ND<2.5	**400**	**13**	**100**	**180**	ND<5.0	
	3/26/01	**130**	NA	NA	NA	ND<2.5	**400**	**13**	**100**	**180**	ND<5.0	
	5/16/01	**75**	NA	NA	ND<2.5	ND<2.5	**210**	**13**	**72**	**92**	ND<5.0	
	8/20/01	ND<50	NA	NA	ND<0.5	ND<0.5	**100**	5.2	**41**	**51**	ND<1.0	
	12/17/01	ND<50	NA	NA	ND<2.5	ND<2.5	**100**	ND<2.5	**58**	**63**	ND<5.0	
	2/27/02	ND<50	NA	NA	0.75	ND<0.5	**110**	2.6	**40**	**46**	ND<1.0	
	6/3/02	ND<50	NA	NA	ND<2.5	ND<2.5	**95**	ND<2.5	**32**	**38**	ND<5.0	Acetone (7.6J)
	8/12/02	**91**	NA	NA	ND<2.5	ND<2.5	**88**	3.0	**36**	**41**	ND<5.0	
	11/11/02	**62**	NA	NA	0.99	ND<0.5	**100**	2.8	**37**	**48**	ND<1.0	
	3/10/03	ND<50	NA	NA	1.0	ND<0.5	**120**	3.3	**40**	**39**	ND<1.0	
	5/19/03	**61**	NA	NA	0.8	ND<0.5	**110**	4.8	**31**	**38**	ND<1.0	
	8/25/03	**50**	NA	NA	1.1	ND<0.5	**110**	3.8	**27**	**37**	ND<1.0	
	11/17/03	ND<50	NA	NA	1.0	ND<0.5	**97**	3.5	**33**	ND<0.5	ND<1.0	
	3/22/04	**67**	NA	NA	0.63	ND<0.5	**88**	3.1	**26**	**25**	ND<1.0	
	5/17/04	**63**	NA	NA	0.92	ND<0.5	**96**	4.2	**31**	**34**	ND<1.0	
	8/16/04	**68**	NA	NA	0.86	ND<1.0	**80**	3.0	**29**	**32**	ND<1.0	
	11/15/04	**86**	NA	NA	0.95	ND<1.0	**86**	3.0	**25**	**28**	ND<1.0	
	3/16/05	ND<50	NA	NA	0.73	ND<1.0	**84**	4.4	**15**	**18**	ND<1.0	
	6/14/05	**63**	NA	NA	0.59	ND<1.0	**65**	4.0	**9.9**	**16**	ND<1.0	
	8/25/05	ND<50	NA	NA	0.55	ND<1.0	**52**	2.7	**16**	**19**	ND<1.0	
	12/22/05	ND<44	NA	NA	0.59J	ND<0.31	**38**	1.2	**20**	**17**	ND<0.29	
	5/31/06	ND<48	ND<480	NA	1.6B	ND<1.0	**70**	2.3	**21**	**21**	ND<0.29	Methylene chloride (**6.9J,B**) Vinyl Chloride (**0.53**)
	9/14/06	ND<48	ND<480	NA	0.52J	ND<0.26	**69**	1.4	**15**	**12**	ND<0.23	
	12/22/06	ND<48	ND<480	NA	0.54J	ND<0.26	**58**	1.3	**11**	**11**	ND<0.23	

Table 3
Summary of Detected Chemical Concentrations in Groundwater (ug/L)
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California

WELL	DATE	EPA 8015M		EPA 8270C(M)	EPA 8260B							
I.D.	SAMPLED	TVPH	TEPH	1,4-Dioxane	CF	1,1-DCE	c-DCE	t-DCE	PCE	TCE	MTBE	OTHER VOCs
MW-9B	7/20/98	ND<100	NA	NA	NA	ND<10	ND<10	ND<10	**125**	**15**	ND<20	Methylene chloride (**41**)
	11/30/99	**256**	NA	NA	NA	ND<25.0	ND<12.5	ND<12.5	**404**	ND<12.5	ND<25	
	3/15/00	ND<100	NA	NA	NA	ND<10	ND<10	ND<10	**550**	**15**	ND<10	
	6/29/00	ND<100	NA	NA	NA	ND<2.5	ND<2.5	ND<2.5	**210**	**6.1**	ND<2.5	
	9/19/00	ND<100	NA	NA	NA	ND<2.0	ND<2.0	ND<2.0	**100**	**5.9**	ND<2.0	
	12/4/00	ND<100	NA	NA	NA	ND<1.0	ND<1.0	ND<1.0	**81**	4.4	ND<1.0	
	3/26/01	ND<100	NA	NA	NA	ND<0.5	ND<0.5	ND<0.5	**140**	**7.7**	ND<1.0	
	5/16/01	ND<50	NA	NA	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**130**	**7.3**	ND<1.0	
	8/20/01	ND<50	NA	NA	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**67**	4.8	ND<1.0	
	12/17/01	ND<50	NA	NA	ND<0.5	ND<0.5	0.91	ND<0.5	**130**	**7.8**	ND<1.0	
	2/27/02	ND<50	NA	NA	ND<0.5	ND<0.5	0.69	ND<0.5	**85**	**6.9**	ND<1.0	
	6/3/02	ND<50	NA	NA	ND<0.5	ND<0.5	0.58	ND<0.5	**49**	**5.1**	ND<1.0	
	8/12/02	ND<50	NA	NA	ND<0.5	ND<0.5	0.53	ND<0.5	**88**	**6.9**	ND<1.0	
	11/11/02	ND<50	NA	NA	ND<0.5	ND<0.5	0.79	ND<5.0	**45**	**6.4**	ND<1.0	
	3/10/03	ND<50	NA	NA	ND<0.5	ND<0.5	0.60	ND<0.5	**36**	4.1	ND<1.0	
	5/19/03	ND<50	NA	NA	ND<0.5	ND<0.5	0.89	ND<0.5	**46**	4.6	ND<1.0	
	8/25/03	ND<50	NA	NA	ND<0.5	ND<0.5	0.97	ND<0.5	**32**	4.2	ND<1.0	
	11/17/03	ND<50	NA	NA	ND<0.5	ND<0.5	0.97	ND<0.5	**22**	3.8	ND<1.0	
	3/22/04	ND<50	NA	NA	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**18**	2.2	ND<1.0	
	5/17/04	ND<50	NA	NA	ND<0.5	ND<0.5	0.84	ND<0.5	**15**	2.4	ND<1.0	
	8/16/04	ND<50	NA	NA	ND<0.5	ND<0.5	ND<1.0	ND<0.5	**5.4**	1.3	ND<1.0	
	11/15/04	ND<50	NA	NA	ND<0.5	ND<1.0	ND<0.5	ND<0.5	3.0	ND<0.5	ND<1.0	
	3/15/05	ND<50	NA	NA	ND<0.5	ND<1.0	0.50	ND<0.5	1.6	0.68	ND<1.0	
	6/13/05	ND<50	NA	NA	ND<0.5	ND<1.0	0.56	ND<0.5	ND<0.5	1.4	ND<1.0	
	8/24/05	ND<50	NA	NA	0.73	ND<1.0	ND<0.5	ND<0.5	1.0	ND<0.5	ND<1.0	
	12/22/05	ND<44	NA	NA	ND<0.22	ND<0.31	ND<0.35	ND<0.29	1.3	ND<0.30	ND<0.29	
	5/31/06	ND<48	ND<480	NA	0.94J,B	ND<0.31	0.83J	ND<0.29	3.5	0.89J	ND<0.29	Methylene chloride (**7.3J,B**)
	9/15/06	ND<48	**750**	NA	0.49J	ND<0.26	1.3	ND<0.83	1.3	ND<0.31	ND<0.23	Acetone (7.6J,B)
	12/22/06	ND<48	ND<480	NA	ND<0.29	ND<0.26	ND<0.63	ND<0.83	1.9	ND<0.31	ND<0.23	
MW-10A	7/20/98	**206**	NA	NA	NA	ND<25	**567**	ND<25	**306**	**463**	ND<50	
	11/30/99	**678**	NA	NA	NA	ND<100	**1,680**	ND<50	**131**	**268**	ND<100	
	3/15/00	ND<100	NA	NA	NA	ND<25	**1,600**	**26**	**110**	**200**	ND<25	
	6/29/00	ND<100	NA	NA	NA	ND<25	**1,200**	ND<25	**110**	**280**	ND<25	
	9/19/00	**490**	NA	NA	NA	ND<12	**900**	**18**	**93**	**170**	ND<12	
	12/4/00	ND<100	NA	NA	NA	ND<10	**560**	**12**	**58**	**66**	ND<10	
	3/26/01	**160**	NA	NA	NA	ND<2.5	**850**	**16**	**97**	**140**	ND<5.0	
	5/16/01	**170**	NA	NA	ND<2.5	ND<2.5	**980**	**18**	**84**	**140**	ND<5.0	
	8/20/01	**100**	NA	NA	ND<2.5	ND<2.5	**800**	**13**	**79**	**110**	ND<5.0	
	12/17/01	**99**	NA	NA	ND<2.5	ND<2.5	**750**	**14**	**69**	**77**	ND<5.0	
	2/27/02	**100**	NA	NA	ND<5.0	ND<5.0	**1,100**	**18**	**60**	**73**	ND<10	
	6/3/02	**140**	NA	NA	ND<5.0	ND<5.0	**1,200**	**14**	**44**	**58**	ND<10	
	8/12/02	**450**	NA	NA	ND<50	ND<5.0	**1,200**	**13**	**47**	**56**	ND<10	
	11/11/02	**97**	NA	NA	ND<2.5	ND<2.5	**550**	7.8	**28**	**47**	ND<5.0	
	3/10/03	**83**	NA	NA	ND<2.5	ND<2.5	**780**	8.0	**37**	**36**	ND<5.0	
	5/19/03	**83**	NA	NA	ND<2.5	ND<2.5	**360**	4.1	**26**	**27**	ND<5.0	
	8/25/03	**94**	NA	NA	ND<2.5	ND<2.5	**680**	7.3	**26**	**39**	ND<5.0	Vinyl Chloride (**7.6**)
	11/17/03	**100**	NA	NA	ND<2.5	ND<2.5	**940**	**10**	**35**	**42**	ND<5.0	
	3/22/04	**140**	NA	NA	ND<2.5	ND<2.5	**380**	5.7	**12**	**12**	ND<5.0	
	5/17/04	**120**	NA	NA	ND<2.5	5.0	**540**	7.3	**28**	**25**	ND<5.0	
	8/16/04	**140**	NA	NA	ND<2.5	ND<1.0	**670**	7.8	**24**	**22**	ND<5.0	
	11/15/04	**180**	NA	NA	ND<2.5	ND<5.0	**490**	5.1	**17**	**13**	ND<5.0	
	3/16/05	**110**	NA	NA	ND<5.0	ND<10	**1,000**	**14**	**16**	**32**	ND<10	
	6/14/05	**180**	NA	NA	ND<5.0	ND<10	**510**	**18**	**7.1**	**24**	ND<10	
	8/25/05	**120**	NA	NA	ND<5.0	ND<10	**470**	6.9	**20**	**22**	ND<10	
	12/22/05	**88**	NA	NA	ND<0.43	ND<0.61	**350**	5.3	**25**	**19**	ND<0.59	
	5/31/06	ND<48	ND<480	NA	1.1J,B	ND<0.61	**280**	**11**	**14**	**11**	ND<0.59	Methylene chloride (**31**B) Vinyl Chloride (**1.7**)
	9/15/06	ND<48	ND<480	NA	ND<0.59	ND<0.51	**260**	8.1	**13**	**11**	ND<0.45	Vinyl Chloride (**3.4**)
	12/22/06	ND<48	ND<480	NA	ND<0.59	ND<0.51	**200**	2.5	**13**	**8.6**	ND<0.45	Vinyl Chloride (**1.9**)

Table 3
Summary of Detected Chemical Concentrations in Groundwater (ug/L)
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California

WELL	DATE	EPA 8015M		EPA 8270C(M)	EPA 8260B							
I.D.	SAMPLED	TVPH	TEPH	1,4-Dioxane	CF	1,1-DCE	c-DCE	t-DCE	PCE	TCE	MTBE	OTHER VOCs
MW-10B	7/20/98	ND<100	NA	NA	NA	ND<2.5	**73.7**	ND<2.5	**69.5**	**33.2**	ND<5.0	
	11/30/99	ND<100	NA	NA	NA	ND<4	**50.3**	ND<2.0	**41**	**46.5**	ND<4.0	
	3/15/00	ND<100	NA	NA	NA	ND<1.0	**39**	1.0	**21**	**24**	ND<1.0	
	6/29/00	ND<100	NA	NA	NA	ND<1.0	**31**	1.1	**18**	**20**	ND<1.0	
	9/19/00	ND<100	NA	NA	NA	ND<1.0	**36**	1.4	**18**	**20**	ND<1.0	
	12/4/00	ND<100	NA	NA	NA	ND<1.0	**28**	1.2	**14**	**15**	ND<1.0	
	3/26/01	**57**	NA	NA	NA	ND<0.5	**52**	2.8	**23**	**27**	ND<1.0	
	5/16/01	ND<50	NA	NA	ND<0.5	ND<0.5	**41**	1.9	**17**	**19**	ND<1.0	
	8/20/01	ND<50	NA	NA	ND<0.5	ND<0.5	**46**	ND<0.5	**17**	**19**	ND<1.0	
	12/17/01	ND<50	NA	NA	ND<0.5	ND<0.5	**38**	ND<0.5	**17**	**17**	ND<1.0	
	2/27/02	ND<50	NA	NA	ND<0.5	ND<0.5	**24**	0.77	**13**	**13**	ND<1.0	
	6/3/02	ND<50	NA	NA	ND<0.5	ND<0.5	**15**	ND<0.5	**9.5**	**9.5**	ND<1.0	
	8/12/02	ND<50	NA	NA	ND<0.5	ND<0.5	**11**	ND<0.5	**9.0**	**7.6**	ND<1.0	
	11/11/02	ND<50	NA	NA	ND<0.5	ND<0.5	**6.8**	ND<0.5	**5.3**	**6.9**	ND<1.0	
	3/10/03	ND<50	NA	NA	ND<0.5	ND<0.5	3.7	ND<0.5	4.5	4.6	ND<1.0	
	5/19/03	ND<50	NA	NA	ND<0.5	ND<0.5	4.0	ND<0.5	**5.6**	4.5	ND<1.0	
	8/25/03	ND<50	NA	NA	ND<0.5	ND<0.5	4.0	ND<0.5	**7.8**	**6.0**	ND<1.0	
	11/17/03	ND<50	NA	NA	ND<0.5	ND<0.5	3.8	ND<0.5	**7.9**	**5.9**	ND<1.0	
	3/22/04	ND<50	NA	NA	ND<0.5	ND<0.5	2.7	ND<0.5	**2.8**	1.9	ND<1.0	
	5/17/04	ND<50	NA	NA	ND<0.5	ND<0.5	1.6	ND<0.5	**7.0**	4.9	ND<1.0	
	8/16/04	ND<50	NA	NA	ND<0.5	ND<1.0	0.96	ND<0.5	**7.1**	**5.4**	ND<1.0	
	11/15/04	ND<50	NA	NA	ND<0.5	ND<1.0	0.84	ND<0.5	**7.1**	**5.8**	ND<1.0	
	3/15/05	ND<50	NA	NA	ND<0.5	ND<1.0	3.2	ND<0.5	**5.8**	**5.2**	ND<1.0	
	6/13/05	ND<50	NA	NA	ND<0.5	ND<1.0	**8.8**	0.82	3.4	4.4	ND<1.0	
	8/24/05	ND<50	NA	NA	ND<0.5	ND<1.0	**22**	0.51	3.6	4.3	ND<1.0	
	12/22/05	ND<44	NA	NA	ND<0.22	ND<0.31	**15**	ND<0.29	4.3	4.6	ND<0.29	
	5/31/06	ND<48	ND<480	NA	0.53J,B	ND<0.31	**7.1**	0.31J	3.3	2.9	ND<0.29	Methylene chloride (**13,B**)
	9/15/06	ND<48	ND<480	NA	ND<0.29	ND<0.26	**7.3**	ND<0.83	**5.1**	3.5	ND<0.23	
	12/22/06	ND<48	ND<480	NA	ND<0.29	ND<0.26	5.8	ND<0.83	3.7	3.4	ND<0.23	TBA (9.3J)
MW-11	9/20/00	**110**	NA	NA	NA	ND<2.0	**21**	ND<2.0	**100**	**130**	ND<2.0	
	12/5/00	ND<100	NA	NA	NA	ND<1.0	1.8	ND<1.0	**17**	**12**	ND<1.0	
	3/27/01	ND<50	NA	NA	NA	ND<0.5	ND<0.5	ND<0.5	**33**	**9.2**	ND<1.0	
	5/17/01	ND<50	NA	NA	1.4	ND<0.5	2.0	ND<0.5	**28**	4.9	ND<1.0	
	8/21/01	ND<50	NA	NA	ND<0.5	ND<0.5	**59**	ND<0.5	**43**	**69**	ND<1.0	
	12/18/01	**200**	NA	NA	ND<2.5	ND<2.5	**560**	ND<2.5	**130**	**460**	ND<5.0	
	2/28/02	ND<50	NA	NA	1.7	ND<0.5	**61**	0.78	**25**	**21**	ND<1.0	
	6/4/02	ND<50	NA	NA	0.92	ND<0.5	**71**	0.77	**18**	**8.1**	ND<1.0	
	8/13/02	ND<50	NA	NA	1.7	ND<0.5	**15**	0.5	**10**	2.4	ND<1.0	
	11/12/02	ND<50	NA	NA	2.0	ND<0.5	**42**	0.59	**13**	3.5	ND<1.0	
	3/10/03	ND<50	NA	NA	1.8	ND<0.5	**32**	0.80	**34**	**20**	ND<1.0	
	5/19/03	ND<50	NA	NA	2.1	ND<0.5	5.0	ND<0.5	**13**	**15**	ND<1.0	
	8/26/03	**90**	NA	NA	3.9	ND<1.0	**87**	ND<1.0	**31**	**200**	ND<2.0	
	11/18/03	ND<50	NA	NA	2.5	ND<1.0	**100**	1.7	**24**	**43**	ND<2.0	
	3/23/04	ND<50	NA	NA	1.5	ND<0.5	4.0	ND<0.5	**15**	2.6	ND<1.0	
	5/18/04	**52**	NA	NA	2.3	ND<0.5	**41**	ND<0.5	**22**	**110**	ND<1.0	
	8/17/04	**160**	NA	NA	2.3	ND<2.0	**110**	2.5	**20**	**280**	ND<2.0	
	11/15/04	--	--	--	--	--	--	--	--	--	--	
	3/15/05	--	--	--	--	--	--	--	--	--	--	
	6/13/05	--	--	--	--	--	--	--	--	--	--	
	8/24/05	--	--	--	--	--	--	--	--	--	--	
	12/22/05	--	--	--	--	--	--	--	--	--	--	
	5/31/06	--	--	--	--	--	--	--	--	--	--	
	9/15/06	--	--	--	--	--	--	--	--	--	--	

Table 3
Summary of Detected Chemical Concentrations in Groundwater (ug/L)
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California

WELL	DATE	EPA 8015M		EPA 8270C(M)	EPA 8260B						
I.D.	SAMPLED	TVPH	TEPH	1,4-Dioxane	CF	1,1-DCE	c-DCE	t-DCE	PCE	TCE	MTBE	OTHER VOCs
MW-12	9/20/00	ND<100	NA	NA	NA	ND<2.0	**24**	ND<2.0	**96**	**27**	ND<2.0	
	12/4/00	ND<100	NA	NA	NA	ND<2.0	**19**	ND<2.0	**81**	**19**	ND<2.0	
	3/27/01	**160**	NA	NA	NA	ND<0.5	**110**	3.6	**120**	**66**	ND<1.0	
	5/17/01	**190**	NA	NA	ND<1.0	ND<0.5	**160**	3.6	**140**	**78**	ND<1.0	
	8/21/01	ND<50	NA	NA	ND<0.5	ND<0.5	**140**	ND<0.5	**140**	**70**	ND<1.0	
	12/18/01	**54**	NA	NA	1.9	ND<0.5	**86**	1.7	**100**	**55**	ND<1.0	
	2/28/02	**50**	NA	NA	1.5	ND<0.5	**51**	1.0	**70**	**39**	ND<1.0	
	6/4/02	ND<50	NA	NA	0.56	ND<0.5	**37**	0.89	**45**	**30**	ND<1.0	
	8/13/02	**54**	NA	NA	1.6	ND<0.5	**40**	1.0	**50**	**32**	ND<1.0	
	11/12/02	ND<50	NA	NA	1.9	ND<0.5	**33**	1.0	**48**	**30**	ND<1.0	
	3/10/03	**120**	NA	NA	1.4	ND<1.0	**120**	ND<1.0	**17**	**160**	ND<2.0	
	5/19/03	**130**	NA	NA	1.5	ND<0.5	**140**	2.4	**49**	**56**	ND<2.0	
	8/26/03	**80**	NA	NA	2.0	ND<0.5	**110**	1.6	**73**	**110**	ND<1.0	
	11/18/03	**62**	NA	NA	2.0	ND<0.5	**98**	1.8	**63**	**97**	ND<1.0	
	3/23/04	**55**	NA	NA	1.3	ND<0.5	**54**	1.4	**28**	**28**	ND<1.0	
	5/18/04	**130**	NA	NA	2.9	ND<0.5	**130**	2.4	**110**	**110**	ND<1.0	
	8/17/04	**65**	NA	NA	1.7	ND<1.0	**57**	1.3	**35**	**55**	ND<1.0	
	11/16/04	**90**	NA	NA	2.2	ND<1.0	**56**	2.0	**42**	**53**	ND<1.0	
	3/15/05	**450**	NA	NA	ND<5.0	ND<10	**1600**	**20**	**610**	**1900**	ND<10	
	6/13/05	**770**	NA	NA	ND<5.0	ND<10	**810**	**50**	**160**	**320**	ND<10	
	8/25/05	**210**	NA	NA	ND<5.0	ND<10	**380**	9.1	**150**	**200**	ND<10	
	12/21/05	**120**	NA	NA	1.2	ND<0.31	**140**	9.9	**82**	**100**	ND<0.29	
	5/31/06	**110**	ND<480	NA	1.8B	ND<0.31	**250**	5.5	**59**	**130**	ND<0.29	Methylene chloride (**13B**)
	9/15/06	--	--	--	--	--	--	--	--	--	--	
	12/21/06	--	--	--	--	--	--	--	--	--	--	
MW-13A	9/19/00	ND<100	NA	NA	NA	ND<2.0	**110**	7.9	**45**	**42**	ND<2.0	
	12/5/00	ND<100	NA	NA	NA	ND<1.0	**93**	6.8	**45**	**39**	ND<1.0	
	3/26/01	**110**	NA	NA	NA	ND<2.5	**440**	**16**	**91**	**100**	ND<5.0	
	5/16/01	**120**	NA	NA	ND<2.5	ND<2.5	**420**	**17**	**100**	**130**	ND<5.0	
	8/20/01	ND<50	NA	NA	ND<1.3	ND<1.3	**180**	4.0	**47**	**49**	ND<2.5	
	12/17/01	ND<50	NA	NA	ND<2.5	ND<2.5	**100**	6.3	**50**	**45**	ND<5.0	
	2/27/02	ND<50	NA	NA	0.79	ND<0.5	**88**	4.8	**47**	**41**	ND<1.0	
	6/3/02	ND<50	NA	NA	ND<0.5	ND<0.5	**98**	4.0	**40**	**38**	ND<1.0	
	8/12/02	**76**	NA	NA	0.97	ND<0.5	**110**	4.3	**41**	**36**	ND<1.0	
	11/11/02	ND<50	NA	NA	1.0	ND<0.5	**69**	3.2	**31**	**32**	ND<1.0	
	3/10/03	ND<50	NA	NA	0.8	ND<0.5	**110**	3.7	**40**	**26**	ND<1.0	
	5/19/03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	8/25/03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	11/17/03	ND<50	NA	NA	0.96	ND<0.5	**100**	4.5	**34**	**30**	ND<1.0	
	3/22/04	**64**	NA	NA	0.67	ND<0.5	**120**	4.3	**40**	**24**	ND<1.0	
	5/17/04	**84**	NA	NA	0.92	ND<0.5	**150**	5.8	**39**	**32**	ND<1.0	
	8/16/04	**67**	NA	NA	0.99	ND<1.0	**110**	4.2	**31**	**27**	ND<1.0	
	11/15/04	**80**	NA	NA	0.88	ND<1.0	**100**	4.0	**31**	**23**	ND<1.0	
	3/16/05	**120**	NA	NA	ND<2.5	ND<5.0	**500**	8.7	**49**	**54**	ND<5.0	
	6/14/05	**98**	NA	NA	ND<0.5	ND<1.0	**140**	6.2	**30**	**29**	ND<1.0	
	8/25/05	**61**	NA	NA	0.50	ND<1.0	**73**	3.5	**28**	**20**	ND<1.0	
	12/21/05	**58**	NA	NA	0.63J	ND<0.31	**55**	2.5	**30**	**18**	ND<0.29	
	6/5/06	**100**	ND<480	NA	0.64J,B	ND<0.31	**200**	9.2	**52**	**39**	ND<0.29	Acetone (9.2J,B) Methylene chloride (4.6J,B)
	9/14/06	ND<48	NA	NA	0.77J	ND<0.26	**66**	6.9	**24**	**16**	ND<0.23	Acetone (9.2J,B)
	12/21/06	ND<48	NA	NA	0.63J	ND<0.26	**35**	1.4	**22**	**11**	ND<0.23	

Table 3
Summary of Detected Chemical Concentrations in Groundwater (ug/L)
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California

WELL	DATE	EPA 8015M		EPA 8270C(M)	EPA 8260B							
I.D.	SAMPLED	TVPH	TEPH	1,4-Dioxane	CF	1,1-DCE	c-DCE	t-DCE	PCE	TCE	MTBE	OTHER VOCs
MW-13B	9/19/00	ND<100	NA	NA	NA	ND<1.0	ND<1.0	ND<1.0	**49**	1.1	ND<1.0	
	12/5/00	ND<100	NA	NA	NA	ND<2.5	**30**	ND<2.5	**120**	**14.0**	ND<2.5	
	3/26/01	**66**	NA	NA	NA	ND<0.5	**48**	3.6	**130**	**19**	ND<1.0	
	5/16/01	**55**	NA	NA	ND<0.5	ND<0.5	**54**	2.5	**120**	**20**	ND<1.0	
	8/20/01	ND<50	NA	NA	ND<0.5	ND<0.5	**66**	2.2	**110**	**20**	ND<1.0	
	12/17/01	ND<50	NA	NA	0.56	ND<0.5	**50**	ND<0.5	**110**	**20**	ND<1.0	
	2/27/02	ND<50	NA	NA	ND<0.5	ND<0.5	**33**	0.67	**89**	**15**	ND<1.0	
	6/3/02	ND<50	NA	NA	ND<0.5	ND<0.5	**32**	0.72	**87**	**16**	ND<1.0	
	8/12/02	**54**	NA	NA	0.55	ND<0.5	**29**	0.79	**91**	**16**	ND<1.0	
	11/11/02	ND<50	NA	NA	0.61	ND<0.5	**14**	0.67	**70**	**15**	ND<1.0	
	3/10/03	ND<50	NA	NA	ND<0.5	ND<0.5	1.3	ND<0.5	3.7	1.1	ND<1.0	
	5/19/03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	8/25/03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	11/17/03	ND<50	NA	NA	ND<0.5	ND<0.5	1.3	ND<0.5	**8.0**	1.7	ND<1.0	
	3/22/04	ND<50	NA	NA	ND<0.5	ND<0.5	2.3	ND<0.5	**8.8**	1.4	ND<1.0	
	5/17/04	ND<50	NA	NA	ND<0.5	ND<0.5	2.4	ND<0.5	**8.2**	1.5	ND<1.0	
	8/16/04	ND<50	NA	NA	ND<0.5	ND<1.0	2.3	ND<0.5	**6.6**	1.5	ND<1.0	
	11/15/04	ND<50	NA	NA	ND<0.5	ND<1.0	3.3	ND<0.5	**8.0**	1.6	ND<1.0	
	3/16/05	ND<50	NA	NA	ND<0.5	ND<1.0	**6.2**	ND<0.5	**9.4**	3.4	ND<1.0	
	6/13/05	ND<50	NA	NA	ND<0.5	ND<1.0	**6.7**	0.60	**6.4**	2.6	ND<1.0	
	8/25/05	ND<50	NA	NA	ND<0.5	ND<1.0	**8.7**	ND<0.5	**8.3**	2.7	ND<1.0	
	12/21/05	ND<44	NA	NA	0.26J	ND<0.31	**18.0**	0.51J	**11.0**	4.8	ND<0.29	
	6/5/06	ND<48	ND<480	NA	ND<0.22	ND<0.31	5.4	ND<0.29	**6.4**	2.2	ND<0.29	Methylene chloride (4.6J,B)
	9/14/06	ND<48	NA	NA	0.36J	ND<0.26	5.8	ND<0.83	**5.0**	1.9	ND<0.23	Acetone (8.2J,B)
	12/21/06	ND<48	NA	NA	ND<0.29	ND<0.26	**11**	ND<0.83	**6.9**	2.9	ND<0.23	Acetone (8.5J)
MW-14	11/11/02	ND<50	NA	NA	0.60	ND<0.5	**50**	2.0	**18**	**19**	ND<1.0	
	3/10/03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	5/19/03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	8/25/03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	11/17/03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	3/22/04	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	5/17/04	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	8/16/04	**63**	NA	NA	0.64	ND<1.0	**110**	4.7	**28**	**23**	ND<1.0	
	11/15/04	**58**	NA	NA	0.58	ND<1.0	**65**	3.1	**19**	**15**	ND<1.0	
	3/15/05	**58**	NA	NA	ND<1.0	ND<2.0	**250**	5.2	**34**	**29**	ND<2.0	
	6/13/05	**100**	NA	NA	ND<1.0	ND<2.0	**120**	**13**	**28**	**22**	ND<2.0	Naphthalene (7.7) 1,2,4-Trichlorobenzene (1.3)
	8/25/05	**56**	NA	NA	ND<0.5	ND<1.0	**55**	3.1	**20**	**15**	ND<1.0	
	12/21/05	**46**	NA	NA	0.55J	ND<0.31	**42**	2.1	**25**	**16**	ND<0.29	
	6/5/06	**63**	ND<480	NA	0.57J,B	ND<0.31	**86**	6.1	**35**	**21**	ND<0.29	Methylene chloride (4.7J,B)
	9/14/06	ND<48	NA	NA	1.5	ND<0.26	**91**	3.1	**28**	**21**	ND<0.23	Acetone (10B)
	12/21/06	ND<48	NA	NA	0.79J	ND<0.26	**45**	3.1	**19**	**11**	ND<0.23	Acetone (9.4J)
MW-15	11/11/02	**87**	NA	NA	ND<2.5	ND<2.5	**190**	4.8	**56**	**62**	ND<5.0	
	3/10/03	**58**	NA	NA	ND<1.0	ND<1.0	**180**	2.9	**60**	**42**	ND<2.0	
	5/19/03	**63**	NA	NA	ND<1.0	ND<1.0	**150**	2.4	**43**	**37**	ND<2.0	
	8/25/03	**72**	NA	NA	1.2	ND<1.0	**290**	3.4	**67**	**70**	ND<2.0	
	11/17/03	**80**	NA	NA	ND<1.0	ND<1.0	**340**	5.0	**77**	**92**	ND<2.0	
	3/22/04	**100**	NA	NA	ND<1.0	ND<1.0	**300**	5.2	**74**	**59**	ND<2.0	
	5/17/04	**130**	NA	NA	ND<2.5	ND<2.5	**270**	4.9	**63**	**60**	ND<5.0	
	8/16/04	**110**	NA	NA	ND<1.0	ND<2.0	**260**	4.2	**65**	**62**	ND<2.0	
	11/15/04	**130**	NA	NA	ND<1.0	ND<2.0	**320**	4.1	**67**	**66**	ND<2.0	
	3/16/05	**86**	NA	NA	1.2	ND<2.0	**250**	3.1	**35**	**50**	ND<2.0	
	6/14/05	**210**	NA	NA	ND<2.5	ND<5.0	**640**	**13**	**65**	**86**	ND<5.0	Naphthalene (15)
	8/24/05	**140**	NA	NA	ND<2.5	ND<5.0	**510**	9.9	**61**	**63**	ND<5.0	
	12/21/05	**110**	NA	NA	0.69J	ND<0.61	**320**	6.6	**58**	**51**	ND<0.59	
	6/5/06	**130**	ND<480	NA	0.77J,B	ND<0.31	**240**	**21**	**55**	**43**	ND<0.29	Methylene chloride (4.7J,B)
	9/14/06	ND<48	NA	NA	0.73J	ND<0.26	**240**	**21**	**35**	**36**	ND<0.23	Acetone (7.3B)
	12/21/06	ND<48	NA	NA	0.61J	ND<0.51	**160**	**12**	**27**	**23**	ND<0.45	Acetone (17J)

Table 3
Summary of Detected Chemical Concentrations in Groundwater (ug/L)
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California

WELL I.D.	DATE SAMPLED	EPA 8015M		EPA 8270C(M)	EPA 8260B							
		TVPH	TEPH	1,4-Dioxane	CF	1,1-DCE	c-DCE	t-DCE	PCE	TCE	MTBE	OTHER VOCs
MW-16A	6/5/06	**1500**	**3300**	<0.4	0.46J,B	2.1	**3200**	**72**	**65**	**620**	ND<0.29	sec-Butylbenzene (2.8) tert-Butylbenzene (1.4) Isopropylbenzene (0.43) Methylene chloride (4.6J,B) Vinyl chloride (**0.87**)
	9/15/06	ND<48	ND<480	<0.4	0.38J	ND<0.26	**26**	0.84J	**13**	**31**	ND<0.23	
	12/28/06	**1100**	**540**	NA	ND<2.9	ND<2.6	**1100**	**26**	**98**	**200**	ND<2.3	Toluene (2.9J,B)
MW-16B	6/5/06	ND<48	ND<480	<0.4	1.0J,B	ND<0.31	4	0.31J	**19**	**7**	ND<0.29	Acetone (9.1J) Bromoform (3.1) 2-Butanone (5.7J) Dibromochloromethane (0.86J) Methylene chloride (**5.4J,B**)
	9/15/06	**1100**	**1400**	<0.4	0.85J	1.7	**2500**	**64**	**120**	**400**	ND<0.23	sec-Butylbenzene (1.5) tert-Butylbenzene (1.0J) Isopropylbenzene (0.24J) Vinyl chloride (**0.81**)
	12/28/2006	ND<48	ND<480	NA	0.75 J	ND<2.6	4.6	ND<0.83	**7.9**	4.2	ND<0.23	Acetone (8.7J) Ethanol (72J) Toluene (0.25J,B)
MW-16C	6/5/06	**50**	ND<480	<0.4	ND<0.22	ND<0.31	**41**	1.4	**26**	**54**	ND<0.29	Acetone (8.5J,B) Bromoform (1.4) Dibromochloromethane (0.74J)
	9/15/2006	ND<48	**580**	<0.4	1.0	ND<0.26	5.1	ND<0.83	**18**	**5.9**	ND<0.23	
	12/28/2006	ND<48	ND<480	NA	ND<0.29	ND<0.26	**11**	ND<0.83	**6.6**	**16**	ND<0.23	Ethanol (93J)
K-1	7/21/98	**138**	NA	NA	NA	ND<10	**81**	**13**	**187**	**132**	ND<20	1,1,2,2-PCA (**20**)
	11/30/99	**260**	NA	NA	NA	ND<10	**118**	**16**	**55**	**71**	ND<10	Methylene chloride (**29.4**)
	3/15/00	ND<100	NA	NA	NA	ND<12	**1,200**	**88**	**110**	**310**	ND<12	
	6/29/00	ND<100	NA	NA	NA	ND<25	**1,800**	**180**	**96**	**290**	ND<25	
	9/20/00	**260**	NA	NA	NA	ND<5.0	**270**	**31**	**59**	**100**	ND<5.0	
	12/4/00	ND<100	NA	NA	NA	ND<1.0	**78.0**	**10**	**24**	**42**	ND<1.0	
	3/26/01	**460**	NA	NA	NA	ND<25	**3,400**	**280**	**93**	**440**	ND<50	
	5/17/01	**350**	NA	NA	ND<25	ND<25	**1,400**	**180**	**65**	**250**	ND<50	
	8/21/01	**200**	NA	NA	ND<1.3	ND<1.3	**320**	**34**	**44**	**110**	ND<2.5	
	12/17/01	**240**	NA	NA	ND<25	ND<25	**270**	ND<25	ND<25	**69**	ND<50	
	2/28/02	**190**	NA	NA	ND<2.5	ND<2.5	**350**	**17**	**52**	**110**	ND<5.0	
	6/4/02	**330**	NA	NA	ND<2.5	ND<2.5	**280**	8.8	**28**	**60**	ND<5.0	
	8/13/02	**250**	NA	NA	ND<2.5	ND<2.5	**350**	6.4	**28**	**53**	ND<5.0	
	11/12/02	**350**	NA	NA	ND<2.5	ND<2.5	**250**	9.0	**13**	**52**	ND<5.0	
	3/11/03	**170**	NA	NA	ND<2.5	ND<2.5	**830**	**25**	**34**	**100**	ND<5.0	
	5/20/03	**440**	NA	NA	ND<10	ND<10	**2,300**	**82**	**24**	**68**	ND<20	
	8/26/03	**350**	NA	NA	ND<10	ND<10	**1,300**	**66**	**29**	**68**	ND<20	
	11/18/03	**200**	NA	NA	ND<5.0	ND<10	**760**	**40**	**33**	**68**	ND<20	
	3/23/04	**320**	NA	NA	ND<5.0	ND<5.0	**1,200**	**50**	**12**	**39**	ND<10	
	5/18/04	**450**	NA	NA	ND<5.0	ND<5.0	**1,800**	**100**	**24**	**55**	ND<10	
	8/17/04	**200**	NA	NA	1.0	ND<2.0	**340**	**20**	**24**	**41**	ND<2.0	
	11/16/04	**290**	NA	NA	ND<5.0	ND<10	**900**	**40**	**20**	**36**	ND<10	
	3/16/05	**72**	NA	NA	1.3	ND<1.0	**120**	5.0	**78**	**96**	ND<1.0	
	6/14/05	**180**	NA	NA	ND<0.5	ND<1.0	**190**	**11**	**14**	**30**	ND<1.0	
	8/25/05	**180**	NA	NA	ND<0.5	ND<1.0	**170**	8.1	**18**	**28**	ND<1.0	
	12/21/05	ND<50	NA	NA	ND<0.22	ND<0.31	**28**	1.5	**7.6**	**11**	ND<0.29	1,3,5-Trimethylbenzene (0.22J) o-Xylene (0.25J)
	5/31/06	ND<48	ND<480	NA	0.65J,B	ND<0.31	3.5	ND<0.29	4.6	4.0	ND<0.29	Methylene chloride (**13B**) p/m-Xylene (0.45J) o-Xylene (0.31J) Toluene (0.40J)
	9/15/2006	**580**	**3800**	NA	0.47J	ND<0.26	**87**	3.2	**17**	**20**	ND<0.23	tert-Butylbenzene (0.44J) Vinyl chloride (**0.54**)
	12/22/2006	**310**	**4200**	NA	0.37J	ND<0.26	**91**	3.3	**18**	**23**	ND<0.23	Acetone (7.4J) tert-Butylbenzene (0.33J) Vinyl Chloride (**0.53**)

Table 3
Summary of Detected Chemical Concentrations in Groundwater (ug/L)
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California

WELL	DATE	EPA 8015M		EPA 8270C(M)	EPA 8260B							
I.D.	SAMPLED	TVPH	TEPH	1,4-Dioxane	CF	1,1-DCE	c-DCE	t-DCE	PCE	TCE	MTBE	OTHER VOCs
K-2	7/21/98	ND<100	NA	NA	NA	ND<1.0	1.3	ND<1.0	**9.9**	**5.2**	ND<2.0	
	11/30/99	ND<100	NA	NA	NA	ND<2.0	**19**	3.91	**27.2**	**26.4**	ND<2.0	
	3/15/00	ND<100	NA	NA	NA	ND<1.0	**32**	4.40	**24**	**30**	ND<1.0	
	6/29/00	ND<100	NA	NA	NA	ND<1.0	**75**	**15**	**18**	**76**	ND<1.0	
	9/20/00	ND<100	NA	NA	NA	ND<1.0	**13**	2.7	**17**	**18**	ND<1.0	
	12/4/00	ND<100	NA	NA	NA	ND<1.0	**11**	1.6	**13**	**13**	ND<1.0	
	3/26/01	**99**	NA	NA	NA	ND<0.5	**11**	1.1	**8.3**	**9.2**	ND<1.0	
	5/17/01	ND<50	NA	NA	0.7	ND<0.5	**33**	7.2	**10**	**21**	ND<1.0	
	8/21/01	ND<50	NA	NA	ND<0.5	ND<0.5	**140**	**45**	**10**	**110**	ND<1.0	
	12/17/01	ND<50	NA	NA	0.82	ND<0.5	**26**	3.7	**17**	**24**	ND<1.0	
	2/28/02	ND<50	NA	NA	0.99	ND<0.5	**22**	2.1	**18**	**23**	ND<1.0	
	6/4/02	ND<50	NA	NA	ND<0.5	ND<0.5	**17**	1.5	**13**	**19**	ND<1.0	
	8/13/02	ND<50	NA	NA	0.88	ND<0.5	**21**	2.0	**14**	**18**	ND<1.0	
	11/12/02	ND<50	NA	NA	1.2	ND<0.5	**19**	2.3	**14**	**19**	ND<1.0	
	3/11/03	ND<50	NA	NA	1.0	ND<0.5	**30**	2.3	**15**	**20**	ND<1.0	
	5/20/03	ND<50	NA	NA	1.0	ND<0.5	**57**	3.6	**7.4**	**14**	ND<1.0	
	8/26/03	ND<50	NA	NA	1.2	ND<0.5	**36**	3.2	**9.9**	**13**	ND<1.0	
	11/18/03	ND<50	NA	NA	1.1	ND<0.5	**14**	1.3	ND<0.5	**11**	ND<1.0	
	3/23/04	**53**	NA	NA	0.59	ND<0.5	**88**	4.7	**13**	**22**	ND<1.0	
	5/18/04	**61**	NA	NA	0.73	ND<0.5	**100**	5.1	**11**	**18**	ND<1.0	
	8/17/04	ND<50	NA	NA	0.95	ND<1.0	**11**	1.5	**12**	**11**	ND<1.0	
	11/16/04	ND<50	NA	NA	1.5	ND<1.0	**12**	1.7	**16**	**14**	ND<1.0	
	3/15/05	ND<50	NA	NA	1.3	ND<1.0	0.84	ND<0.5	2.1	1.2	ND<1.0	
	6/13/05	ND<50	NA	NA	0.69	ND<1.0	**7.6**	1.1	3.6	4.1	ND<1.0	
	6/13/05	ND<50	NA	NA	0.99	ND<1.0	1.8	ND<0.5	3.5	1.5	ND<1.0	
	12/21/05	ND<50	NA	NA	ND<0.22	ND<0.31	3.0	ND<0.29	3.4	2.8	ND<0.29	1,3,5-Trimethylbenzene (0.36J) p/m-Xylene (0.63J) o-Xylene (0.39J)
	5/31/06	ND<48	ND<480	NA	0.66J,B	ND<0.31	**94**	2.4	**9.5**	**23**	ND<0.29	1,2,4-Trimethlbenzene (0.34J)
	9/15/06	ND<48	ND<480	NA	0.78J	ND<0.26	**9.5**	ND<0.83	**9.3**	4.7	ND<0.23	
	12/22/06	ND<48	NA	NA	0.63J	ND<0.26	**9.0**	0.97J	**14**	**13**	ND<0.23	Acetone (7.5J)
K-3	7/21/98	**550**	NA	NA	NA	ND<20	**325**	**32**	**375**	**364**	ND<40	1,1,2,2-PCA (**35**)
	11/30/99	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	3/15/00	ND<100	NA	NA	NA	ND<25	**1,400**	**160**	**62**	**160**	ND<25	
	6/29/00 [1]	ND<100	NA	NA	NA	ND<50	**3,300**	**330**	ND<50	ND<50	ND<50	
	9/20/00	**6,000**	NA	NA	NA	ND<12	**1,000**	**110**	**15**	**66**	ND<12	
	12/4/00	ND<100	NA	NA	NA	ND<25	**760**	**140**	ND<25	**28**	ND<25	
	3/26/01	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	5/17/01	**730**	NA	NA	ND<10	ND<10	**2,000**	**140**	**43**	**77**	ND<20	
	8/21/01	**1,400**	NA	NA	ND<25	ND<25	**960**	ND<25	ND<25	ND<25	ND<50	
	12/18/01	**1,500**	NA	NA	ND<10	ND<10	**480**	**34**	**28**	**66**	ND<20	
	2/28/02	**5,100**	NA	NA	ND<5.0	ND<5.0	**630**	**28**	**99**	**27**	ND<10	Vinyl Chloride (**21**)
	6/4/02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	8/13/02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	11/12/02	**58,000**	NA	NA	ND<10	ND<10	**160**	**14**	ND<10	**100**	ND<10	
	3/11/03	**830**	NA	NA	ND<2.5	ND<2.5	**500**	**18**	**36**	**84**	ND<5.0	Vinyl Chloride (**32**)
	5/20/03	**690**	NA	NA	ND<1.0	ND<1.0	**240**	**6**	**8**	**15**	ND<5.0	
	8/26/03	**NA**	NA	NA	NA	NA	**NA**	**NA**	**NA**	**NA**	NA	
	11/18/03	**430**	NA	NA	ND<5.0	ND<5.0	**390**	**14**	**54**	**90**	ND<10	
	3/23/04	**570**	NA	NA	ND<2.5	ND<2.5	**470**	**19**	**60**	**83**	ND<5.0	Vinyl Chloride (**53**)
	5/18/04	**580**	NA	NA	1.3	ND<1.0	**370**	**17**	**62**	**85**	ND<2.0	Vinyl Chloride (**26**)
	8/17/04	**1,300**	NA	NA	1.2	ND<1.0	**190**	**11**	**64**	**92**	ND<2.0	Vinyl Chloride (**14**)
	11/16/04	**450**	NA	NA	1.4	ND<2.0	**180**	**14**	**71**	**120**	ND<2.0	Vinyl Chloride (**24**)
	3/16/05	**420**	NA	NA	ND<2.5	ND<5.0	**370**	**17**	**22**	**54**	ND<5.0	
	6/14/05	**900**	NA	NA	ND<2.5	ND<5.0	**160**	**12**	**22**	**71**	ND<5.0	Vinyl Chloride (**9.1**)
	8/25/05	**860**	NA	NA	ND<2.5	ND<5.0	**140**	7.8	**61**	**78**	ND<5.0	Vinyl Chloride (**17**)
	12/22/05	--	--	--	--	--	--	--	--	--	--	
	5/31/06	--	--	--	--	--	--	--	--	--	--	
	9/15/06	--	--	--	--	--	--	--	--	--	--	
	12/22/06	--	--	--	--	--	--	--	--	--	--	

Table 3
Summary of Detected Chemical Concentrations in Groundwater (ug/L)
Former Welch's Uniform Site
EPA 8015M 3505 Pasadena Avenue **EPA 8260B**
Los Angeles, California

ABBREVIATIONS / LEGEND:

AL: California EPA Action Level based on toxicity to humaNA
B: Potential bias error, analyte detected in quality control blank
EPA: Environmental Protection Agency
J: Estimated value
µg/L: Micrograms per liter
MCL: California EPA Maximum Contaminant Level for drinking water
NA: Not Analyzed
ND: Non-detect at or below method detection limit for samples
PRG: Screening level for direct contact (tap water) EPA Region IX Preliminary Remediation Goals (October 2004)
VOCs: Volatile organic compounds
BOLD Indicates concentrations at or above listed water quality goals
-- Not sampled because well lost, destroyed, or abandoned
Sampling prior to 12/21/05 done by Cape Environmental.

1,1-DCE: 1,1-dichloroethene
cis-DCE: cis-1,2-dichloroethene
trans-DCE: trans-1,2-dichloroethene
MTBE: Methyl tertiary butyl ether
1,1,1,2-PCA: 1,1,1,2-tetrachloroethane
1,1,2,2-PCA: 1,1,2,2-tetrachloroethane
PCE: Tetrachloroethene
TCE: Trichloroethene
TEPH: Total extractable petroleum hydrocarbons expressed as diesel
TVPH: Total volatile petroleum hydrocarbons expressed as gasoline

[1]: A Compilation of Water Quality Goals (August 2003 and updates), CalEPA RWQCB - Central Valley Region (CRWQCBCV 2003)
[2]: California Office of Environmental Health Hazard Assessment Public Health Goal
[3]: Well K-3 not purged on 6/29/00 due to low walter level.

WATER QUALITY GOALS FOR OTHER VOCs

Acetone = 5,550 (PRG)
trans-1,3-Dichloropropene = 0.5 (MCL)
Methylene chloride =5 (MCL)
Naphthalene = 17 (AL)
1,2,4-Trichlorobenzene = 5 (MCL)
1,3,5-Trimethylbenzene = (none)
Vinyl Chloride = 0.5 (MCL)

Table 4
Summary of Historic VOC Analytical Data from March 1989 to August 1991
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California

WELL NO.	DATE SAMPLED	TPHg mg/L	TPHd mg/L	TPHwo mg/L	B mg/L	T mg/L	E mg/L	X mg/L	PCE mg/L	TCE mg/L
MW-1	3/2/89	< 0.2	2	1	< 0.0005	< 0.0005	< 0.0005	< 0.002	2.6	0.17
	7/16/91	NA	NA	NA	< 0.0005	< 0.0005	< 0.0005	< 0.002	2.2	0.17
	8/6/91	NA	3.7	4.6	NA	NA	NA	NA	NA	NA
Abandoned	3/26/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-2	3/2/89	< 0.1	< 0.3	< 0.5	< 0.0005	< 0.0005	< 0.0005	< 0.002	0.024	0.016
	7/16/91	NA	NA	NA	< 0.0005	< 0.0005	< 0.0005	< 0.002	0.0007	< 0.0005
	8/6/91	NA	< 0.3	< 0.3	NA	NA	NA	NA	NA	NA
MW-3	3/2/89	< 1,000	1,100	200	< 0.0005	< 0.0005	< 0.0005	< 0.002	10	0.55
	8/6/91	NA	2.4	2.6	< 0.0005	< 0.0005	< 0.0005	< 0.002	0.032	< 0.0005
MW-4	3/2/89	< 400	440	20	0.003	0.001	< 0.0005	< 0.002	14	13
	7/16/91	NA	NA	NA	< 0.0005	< 0.0005	< 0.0005	< 0.002	< 0.050	< 0.050
	8/6/91	NA	1.4	1.5	NA	NA	NA	NA	NA	NA
MW-5	3/2/89	< 4	4.2	2	< 0.0005	0.003	< 0.0005	< 0.002	NA	NA
	4/5/89	NA	NA	NA	NA	NA	NA	NA	0.0074	0.0012
Abandoned	3/26/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-6	3/2/89	< 3	2.8	0.6	< 0.0005	0.005	0.002	0.007	1.7	0.15
Abandoned	3/26/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-7	3/2/89	< 0.9	0.9	< 0.5	< 0.0005	< 0.0005	< 0.0005	< 0.002	NA	NA
	4/5/89	NA	NA	NA	NA	NA	NA	NA	0.210	0.060
	7/16/91	NA	NA	NA	< 0.0005	< 0.0005	0.0019	< 0.002	0.140	0.045
	8/6/91	NA	0.6	0.7	NA	NA	NA	NA	NA	NA
MW-8	11/16/89	< 0.050	< 0.050	< 0.5	< 0.0002	< 0.0002	< 0.0002	< 0.0002	0.0013	0.0003
Abandoned	3/26/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW9-A	11/16/89	< 1	< 1	< 10	NA	NA	NA	NA	NA	NA
	11/16/89	0.220	< 0.050	< 0.5	< 0.001	< 0.001	< 0.001	< 0.001	0.190	0.120
	7/16/91	< 0.1	NA	NA	< 0.0005	< 0.0005	< 0.0005	< 0.002	0.082	0.054
	8/6/91	NA	< 0.3	1.0	NA	NA	NA	NA	NA	NA
MW9B	11/16/89	< 1	< 1	< 10	< 0.001	< 0.001	< 0.001	< 0.001	0.490	0.0063
	7/16/91	< 0.1	NA	NA	< 0.0005	< 0.0005	< 0.0005	< 0.002	0.220	< 0.005
	8/6/91	NA	0.3	1.6	NA	NA	NA	NA	NA	NA
MW10A	11/16/89	< 1	< 1	< 10	< 0.001	< 0.001	< 0.001	< 0.001	0.530	0.210
	7/16/91	< 0.1	NA	NA	< 0.0005	< 0.0005	< 0.0005	< 0.002	0.440	0.180
	8/6/91	NA	< 0.3	2.6	NA	NA	NA	NA	NA	NA
MW10B	11/16/89	< 1	< 1	< 10	< 0.001	< 0.001	< 0.001	< 0.001	0.093	0.030
	7/16/91	< 0.1	NA	NA	< 0.0005	< 0.0005	< 0.0005	< 0.002	0.120	0.060
	8/6/91	NA	< 0.3	1.6	NA	NA	NA	NA	NA	NA
K1	3/2/89	< 0.1	28	3	< 0.0005	< 0.0005	< 0.0005	< 0.002	0.047	0.018
	4/5/89	14,000	4,200	NA	0.004	0.006	0.067	0.15	NA	NA
	7/16/91	< 0.1	NA	NA	< 0.0005	< 0.0005	< 0.0005	< 0.002	0.062	0.005
	8/6/91	NA	2.9	2.0	NA	NA	NA	NA	NA	NA
K2	3/2/89	< 700	700	< 50	< 0.0005	< 0.0005	< 0.0005	< 0.002	0.022	0.007
	7/16/91	< 0.1	NA	NA	< 0.0005	< 0.0005	< 0.0005	< 0.002	0.0012	NA
	8/6/91	NA	9.2	14	NA	NA	NA	NA	NA	NA

NOTES:

mg/L: milligrams per liter
NA: Not analyzed
TRPH: Total Recoverable Petroleum Hydrocarbons
TPHg: Total Petroleum Hydrocarbons as Gasoline
TPHd: Total Petroleum Hydrocarbons as Diesel Fuel
TPHwo: Total Petroleum Hydrocarbons as Waste Oil or Motor Oil

B: Benzene
T: Toluene
E: Ethyl benzene
X: Total Xylenes
PCE: Tetrachloroethene
TCE: Trichloroethene

Table 5
Summary of Natural Attenuation Parameter Analytical Data
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California

Date	Daughter to Parent Ratio	Nitrate[1] (mg/L)	Nitrite[2] (mg/L)	Sulfate (mg/L)	Ferrous Iron (mg/L)	Methane (mg/L)	ORP[3] (mV)	DO[3] (mg/L)
MW-2								
December 21, 2005	0.56	12	ND<0.015	290	ND<0.10	1.42	157	4.9
May 31, 2006	NA	NS	NS	NS	NS	NS	104	1.37
September 14, 2006	0.86	11	ND<0.015	290	ND<0.10	ND<0.00784	139	3.95
December 22, 2006	0.48	NS	NS	NS	NS	NS	104	6.64
MW-3								
December 21, 2005	0.23	9.8	ND<0.015	260	ND<0.10	0.06	152	5.5
May 31, 2006	0.20	11	ND<0.015	290	ND<0.10	0.09	-146	1.28
September 14, 2006	0.41	9.5	ND<0.015	300	ND<0.10	0.0500J	138	3.95
December 28, 2006	0.69	9.3	ND<0.015	310	ND<0.10	0.07	NR	NR
MW-7								
December 22, 2005	2.34	7.5	ND<0.015	330	ND<0.10	0.29	-35	4.1
May 31, 2006	NA	NS	NS	NS	NS	NS	21	0.91
September 15, 2006	NA	NS	NS	NS	NS	NS	37	2.91
December 22, 2006	3.36	NS	NS	NS	NS	NS	-16	5.80
MW-8A								
December 21, 2005	1.10	10	ND<0.015	280	ND<0.10	1.66	193	5.1
June 5, 2006	NA	NS	NS	NS	NS	NS	123	4.01
September 14, 2006	NA	NS	NS	NS	NS	NS	137	3.33
December 21, 2006	1.22	9.50	ND<0.015	320	ND<0.041	0.15	198	6.75
MW-9A								
December 22, 2005	2.84	7.6	0.064J	290	0.67	1470	-259	0.5
May 31, 2006	NA	NS	NS	NS	NS	NS	-300	0
September 15, 2006	NA	NS	NS	NS	NS	NS	200	0
December 22, 2006	6.44	NS	NS	NS	NS	NS	NR	NR
MW-9B								
December 22, 2005	0.00	0.096J	ND<0.015	310	ND<0.10	2100	-19	2.2
May 31, 2006	NA	NS	NS	NS	NS	NS	42	0.39
September 15, 2006	NA	NS	NS	NS	NS	NS	114	1.22
December 22, 2006	0.00	NS	NS	NS	NS	NS	NR	NR
MW-10A								
December 22, 2005	14.97	2.1	0.072J	270	3.8	195	-328	0.2
May 31, 2006	21.77	1.7	0.11	270	0.61	88.4	-318	0
September 15, 2006	1.73	1.7	0.019J	240	0.32	132	-343	0
December 22, 2006	16.24	1.7	ND<0.015	260	ND<0.10	90.1	NR	NR
MW-10B								
December 22, 2005	4.56	0.82	ND<0.015	200	ND<0.10	0.78	-255	2.5
May 31, 2006	3.28	0.91	ND<0.015	210	ND<0.10	1.84	-277	0
September 15, 2006	2.12	0.88	ND<0.015	210	ND<0.10	0.390J	-250	0.21
December 22, 2006	2.49	0.86	ND<0.015	210	ND<0.10	0.06	NR	NR
MW-12			.					
December 21, 2005	3.06	8.7	ND<0.015	260	0.20	1.76	69	4.5
May 31, 2006	NA	NS	NS	NS	NS	NS	-212	1.6

Table 5
Summary of Natural Attenuation Parameter Analytical Data
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California

MW-13A								
December 21, 2005	2.54	7.2	ND<0.015	310	ND<0.10	2.57	181	1.3
June 5, 2006	4.79	6.9	ND<0.015	280	ND<0.10	0.130	125	0.22
September 14, 2006	3.74	6.8	ND<0.015	280	ND<0.10	0.160J	NS	5.54
December 21, 2006	2.18	7.0	ND<0.015	290	0.05	0.17	-242	4.18
MW-13B								
December 21, 2005	2.14	6.3	ND<0.015	170	ND<0.10	1.59	154	3.4
June 5, 2006	1.19	4	ND<0.015	59	ND<0.10	0.110	113	0.47
September 14, 2006	1.61	4.1	ND<0.15	73	ND<0.10	0.140J	NS	5.66
December 21, 2006	2.01	4.9	ND<0.015	110	ND<0.041	0.02	-85	3.96
MW-14								
December 21, 2005	2.43	7.4	ND<0.015	300	ND<0.10	1.13	181	4.4
June 5, 2006	NA	NS	NS	NS	NS	NS	132	0.62
September 14, 2006	4.16	NS	NS	NS	NS	NS	NS	6.33
December 21, 2006	3.15	NS	NS	NS	NS	NS	33	5.65
MW-15								
December 21, 2005	6.52	5.0	ND<0.015	260	ND<0.10	1.68	206	2.1
June 5, 2006	5.54	5.3	ND<0.015	230	ND<0.10	0.16	152	0.34
September 14, 2006	8.51	4.7	ND<0.015	240	ND<0.10	0.130J	NS	5.81
December 21, 2006	7.24	5.4	ND<0.015	270	ND<0.041	0.15	11	3.84
MW-16A								
June 5, 2006	59.9	1.9	ND<0.015	240	ND<0.10	1.23	52	7.71
September 15, 2006	4.5	1.2	0.095J	400	ND<0.10	9.85	-78	0
December 28, 2006	13.53	ND<0.028	ND<0.015	240	ND<0.10	0.36	NR	NR
MW-16B								
June 5, 2006	0.6	8.3	ND<0.015	240	ND<0.10	0.340	132	1.2
September 15, 2006	24.7	3.8	ND<0.015	260	1.8	0.360J	-20	0.59
December 28, 2006	1.21	7.9	ND<0.015	260	ND<0.10	0.02	NR	NR
MW-16C								
June 5, 2006	3.7	1.6	0.33	330	ND<0.10	11.9	60	0
September 15, 2006	0.4	8.0	ND<0.015	250	ND<0.10	0.160J	12	2.95
December 28, 2006	4.09	1.1	ND<0.015	420	ND<0.10	0.05	NR	NR
K-1								
December 21, 2005	5.33	9.9	ND<0.015	280	ND<0.10	0.46	81	6.2
May 31, 2006	NA	NS	NS	NS	NS	NS	-36	2.03
September 15, 2006	NA	NS	NS	NS	NS	NS	119	5.33
December 22, 2007	6.54	NS	NS	NS	NS	NS	21	8.90
K-2								
December 21, 2005	1.71	9.8	ND<0.015	300	ND<0.10	0.44	148	6.4
May 31, 2006	NA	NS	NS	NS	NS	NS	125	6.08
September 15, 2006	NA	NS	NS	NS	NS	NS	130	4.95
December 22, 2007	1.69	NS	NS	NS	NS	NS	73	9.09

Notes:
DO = Dissolved oxygen
mg/L = milligrams per liter
ORP = Oxidation-reduction potential in millivolts
NA = Not applicable, insufficient analytical
ND = Not detected at or above method detection limit
NS = Not sampled
NR = No Purge Record
Daughter to Parent Ratio = (CF+VC+cisDCE+transDCE+TCE)/(PCE)
1. Nitrate, reported as nitrogen
2. Nitrite, reported as nitrogen
3. ORP and DO were measured using in-well field instrumentation after purging wells

APPENDIX A

GROUNDWATER SAMPLE COLLECTION RECORDS

4th Quarter 2006 Groundwater Monitoring Report

Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California

ENSR | AECOM

HYDRODATA

DATE 12/21/06 - 12/22/06

PROJECT AmeriPride **EVENT** 4th Qtr 06 GW Monitoring **SAMPLER** D. Arden

	Well or Location	DATE			TIME		MEASUREMENT	CODE	COMMENTS
		MO	DA	YR	HR	MIN			
1	MW-2	12	22	06			37.78 / 66.83	SWL/MTD	
2	MW-3	12	22	06			35.74 / 69.83	SWL/MTD	DUP-2
3	MW-7	12	22	06			34.67 / 67.41	SWL/MTD	
4	MW-8A	12	21	06	09	20	23.35 / 64.40	SWL/MTD	
5	MW-9A	12	22	06			35.40	SWL	
6	MW-9B	12	22	06			35.10	SWL	
7	MW-10A	12	22	06			38.58	SWL	
8	MW-10B	12	22	06			37.30	SWL	
9	MW-13A	12	21	06	10	30	40.10 / 61.95	SWL/MTD	
10	MW-13B	12	21	06	10	35	41.11 / 91.45	SWL/MTD	DUP-1
11	MW-14	12	21	06	12	20	37.65 / 72.15	SWL/MTD	
12	MW-15	12	21	06	12	25	38.19 / 54.75	SWL/MTD	
13	MW-16A	12	22	06			35.15 / 45.50	SWL/MTD	
14	MW-16B	12	22	06			35.80 / 72.15	SWL/MTD	
15	MW-16C	12	22	06			34.43 / 89.10	SWL/MTD	
16	K-1	12	22	06			35.45 / 53.30	SWL/MTD	
17	K-2	12	22	06			34.80 / 53.30	SWL/MTD	
18									
19									
20									
21									
22									
23									
24									
25									

CODES:
SWL - Static Water Level (Feet)
IWL - Instant Water Level; Non-Static (Feet)
OIL - Oil Level (Feet)
OWI - Oil/Water Interface (Feet)
MTD - Measured Total Depth (Feet)
FLO - Flow Rate (Gallons/Minute)
CUM - Cumulative (Gallons)
HRS - Total Hours
PSI - Pressure (psi²)
pH - 1 to 14
Ec - Conductivity (µmHOS)
TMP - Temperature (Celsius)
TRB - Turbidity (NTU)
____ - _____ (Additional Code)

Intervals are depth from inner casing - describe any other reference points in comments column; when in doubt, describe reference point.
Note in comments column if well is not : properly labeled, latched or able to be locked. Describe corrective action.
² Negative pressure (Vaccuum) psi = approximately (1/2 mmHg)

ENSR | AECOM
999 W. Town and Country Rd., 4th Floor
Orange, CA 92868
Phone (714) 973-9740
Fax (714) 973-9750

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET-PURGING

DATE: December 22, 2006

SITE ADDRESS: 3505 Pasadena Ave., Los Angeles, CA

WELL ID: MW-2

SAMPLE ID: MW-2

SAMPLE ORDER: [redacted]

WATER COLUMN (FT): 29.05

BORE / CASING VOLUME (V) (GAL.): 18.88

WELL HEAD CONDITION:

ENSR PROJECT NO: 10770-003-002

WATER LEVEL (PRE-PURGE): 37.78

WATER LEVEL (@ SAMPLE): —

DUPLICATE ID: —

TOTAL DEPTH: 66.83

CASING DIA. (IN.): 4"

3 V (GAL): 56.64

FACILITY ID NO: AmeriPride

TYPE OF PURGING DEVICE: Vac Truck

DEPTH OF EXTRACTION/PUMP AT PURGE: —

SAMPLING DEVICE: Disposable Bailer

DATE AND TIME OF INITIAL GAUGING: 12/22/06

DATE AND TIME OF SAMPLING: 12/22/06 0920

SAMPLERS NAME (Print) Dan Arden

SAMPLER'S SIGNATURE:

Date	Time	Water Level (ft btoc)	Temperature	EC (µmhos/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Well Volumes Purged	Borehole Volumes Purged
12/22/06	0840	—	20.5	0.154	7.93	0	6.86	121	—	0		—
↓	0850	—	21.0	0.154	7.85	0	6.77	108	—			—
	0855	—	21.0	0.154	7.86	0	6.76	107	—			—
	0900	—	21.1	0.155	7.88	0	6.64	105	—	40		—
	0905	—	21.1	0.155	6.57	0	6.64	104	—			—

Well Volume Calculation Table

Casing Diameter (in)	Volume Multiplier
2"	0.16
4"	0.65
6"	1.47
8"	2.61
10"	4.08
12"	5.87

Borehole Volume Calculation Table

Casing Diameter (in)	Borehole Diameter	Volume Multiplier
2"	8"	0.77
2"	10"	1.14
4"	8"	1.10
4"	10"	1.50
4"	12"	1.95
6"	10"	2.11
6"	12"	2.50

Parameters for water quality stabilization

Temperature ± 1° C	Conductance ± 3%
pH ± 0.1	Turbidity ± 10% NTUs

QA/QC REVIEW (Initials)

1st level: Staff Geologist/Engineer

2nd level: Project Manager

3rd level: Senior Geologist/Engineer

NOTES:

ENSR | AECOM
999 W. Town and Country Rd., 4th Floor
Orange, CA 92868
Phone (714) 973-9740
Fax (714) 973-9750

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET-PURGING

DATE: December 22, 2006

SITE ADDRESS: 3505 Pasadena Ave., Los Angeles, CA

WELL ID: MW-7

SAMPLE ID: MW-7

SAMPLE ORDER: 2

WATER COLUMN (FT): 32.74

BORE / CASING VOLUME (V) (GAL.): 21.28

WELL HEAD CONDITION:

ENSR PROJECT NO: 10770-003-002

WATER LEVEL (PRE-PURGE): 34.67

WATER LEVEL (@ SAMPLE): —

DUPLICATE ID: —

TOTAL DEPTH: 67.41

CASING DIA. (IN.):

3 V (GAL): 63

FACILITY ID NO: AmeriPride

TYPE OF PURGING DEVICE: Vac Truck

DEPTH OF EXTRACTION/PUMP AT PURGE: —

SAMPLING DEVICE: Disposable Bailer

DATE AND TIME OF INITIAL GAUGING: 12/22/06

DATE AND TIME OF SAMPLING: 12/22/06 1015

SAMPLERS NAME (Print) Dan Haden

SAMPLER'S SIGNATURE:

Date	Time	Water Level (ft btoc)	Temperature	EC (µmhos/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Well Volumes Purged	Borehole Volumes Purged
12/22/06	0930	—	~~5.53~~ 216	0.157	7.94	~~5.61~~ 0	5.58	4	—			—
	0935	—	21.7	0.158	7.88	0	5.76	-17	—			—
	0945	—	21.7	0.159	7.89	0	5.80	-20		30		—
	0950	—	21.7	0.159	7.88	0	5.79	-19	—	45		—
↓	1000	—	21.7	0.159	7.88	0	5.80	-14	—	60		—

Well Volume Calculation Table

Casing Diameter (in)	Volume Multiplier
2"	0.16
4"	0.65
6"	1.47
8"	2.61
10"	4.08
12"	5.87

Borehole Volume Calculation Table

Casing Diameter (in)	Borehole Diameter	Volume Multiplier
2"	8"	0.77
2"	10"	1.14
4"	8"	1.10
4"	10"	1.50
4"	12"	1.95
6"	10"	2.11
6"	12"	2.50

Parameters for water quality stabilization

Temperature ± 1° C	Conductance ± 3%
pH ± 0.1	Turbidity ± 10% NTUs

QA/QC REVIEW (Initials)

1st level: Staff Geologist/Engineer

2nd level: Project Manager

3rd level: Senior Geologist/Engineer

NOTES:

ENSR | AECOM
999 W. Town and Country Rd., 4th Floor
Orange, CA 92868
Phone (714) 973-9740
Fax (714) 973-9750

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET-PURGING

DATE: December 21, 2006

SITE ADDRESS: 3505 Pasadena Ave., Los Angeles, CA

WELL ID: MW-8A

SAMPLE ID: MW-8A

SAMPLE ORDER: — 1

WATER COLUMN (FT): 41.65

BORE / CASING VOLUME (V) (GAL.): 26.6

WELL HEAD CONDITION:

ENSR PROJECT NO: 10770-003-002

WATER LEVEL (PRE-PURGE): 23.35

WATER LEVEL (@ SAMPLE): —

DUPLICATE ID: —

TOTAL DEPTH: 64.40

CASING DIA. (IN.):

3 V (GAL): 80.64

FACILITY ID NO: AmeriPride

TYPE OF PURGING DEVICE: Vac Truck

DEPTH OF EXTRACTION/PUMP AT PURGE: —

SAMPLING DEVICE: Disposable Bailer

DATE AND TIME OF INITIAL GAUGING: 12/21/06 0920

DATE AND TIME OF SAMPLING: 12/21/06 1055

SAMPLERS NAME (Print) D. Arden

SAMPLER'S SIGNATURE:

Date	Time	Water Level (ft btoc)	Temperature	EC (µmhos/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Well Volumes Purged	Borehole Volumes Purged
12/21/06	0920	—	19.9	0.159	8.76	0	6.95	186	—	0	0	—
	0930	—	20.2	0.160	8.00	0	6.91	197	—			—
	0935	—	20.3	0.160	7.83	0	6.87	198	—			—
	0940	—	20.3	0.160	7.80	0	6.77	199	—			—
	0951	—	20.4	0.161	7.81	0	6.73	198	—	70		—
↓	0953	—	20.4	0.160	7.80	0	6.75	198	—	80	3	—

Well Volume Calculation Table

Casing Diameter (in)	Volume Multiplier
2"	0.16
4"	0.65
6"	1.47
8"	2.61
10"	4.08
12"	5.87

Borehole Volume Calculation Table

Casing Diameter (in)	Borehole Diameter	Volume Multiplier
2"	8"	0.77
2"	10"	1.14
4"	8"	1.10
4"	10"	1.50
4"	12"	1.95
6"	10"	2.11
6"	12"	2.50

Parameters for water quality stabilization

Temperature ± 1° C	Conductance ± 3%
pH ± 0.1	Turbidity ± 10% NTUs

QA/QC REVIEW (Initials)

1st level: Staff Geologist/Engineer

2nd level: Project Manager

3rd level: Senior Geologist/Engineer

NOTES:

ENSR | AECOM
999 W. Town and Country Rd., 4th Floor
Orange, CA 92868
Phone (714) 973-9740
Fax (714) 973-9750

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET-PURGING

DATE: December 21, 2006

SITE ADDRESS: 3505 Pasadena Ave., Los Angeles, CA

WELL ID: MW-13A

SAMPLE ID: MW-13A

SAMPLE ORDER: 1

WATER COLUMN (FT): 21.85

BORE / CASING VOLUME (V) (GAL.): 4.20

WELL HEAD CONDITION:

ENSR PROJECT NO: 10770-003-002

WATER LEVEL (PRE-PURGE): 40.10

WATER LEVEL (@ SAMPLE): —

DUPLICATE ID: —

TOTAL DEPTH: 61.95

CASING DIA. (IN.):

3 V (GAL): 12.61

FACILITY ID NO: AmeriPride

TYPE OF PURGING DEVICE: Vac Truck

DEPTH OF EXTRACTION/PUMP AT PURGE: —

SAMPLING DEVICE: Disposable Bailer

DATE AND TIME OF INITIAL GAUGING: 12/21/06 1030

DATE AND TIME OF SAMPLING: 12/21/06 1110

SAMPLERS NAME (Print) Dan Arden

SAMPLER'S SIGNATURE:

Date	Time	Water Level (ft btoc)	Temperature	EC (µmhos/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Well Volumes Purged	Borehole Volumes Purged
12/21/06	1640	—	21.0	0.184	8.52	320	5.51	-133	—	0		—
	1045	—	20.7	0.160	7.80	210	4.27	-216	—			—
↓	1100	—	21.0	0.161	7.87	205	4.18	-242	—	45		—

Well Volume Calculation Table

Casing Diameter (in)	Volume Multiplier
2"	0.16
4"	0.65
6"	1.47
8"	2.61
10"	4.08
12"	5.87

Borehole Volume Calculation Table

Casing Diameter (in)	Borehole Diameter	Volume Multiplier
2"	8"	0.77
2"	10"	1.14
4"	8"	1.10
4"	10"	1.50
4"	12"	1.95
6"	10"	2.11
6"	12"	2.50

Parameters for water quality stabilization

Temperature ± 1° C	Conductance ± 3%
pH ± 0.1	Turbidity ± 10% NTUs

QA/QC REVIEW (Initials)

1st level: Staff Geologist/Engineer

2nd level: Project Manager

3rd level: Senior Geologist/Engineer

NOTES:

ENSR | AECOM
999 W. Town and Country Rd., 4th Floor
Orange, CA 92868
Phone (714) 973-9740
Fax (714) 973-9750

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET-PURGING

DATE: December 21 , 2006

SITE ADDRESS: 3505 Pasadena Ave., Los Angeles, CA

WELL ID: MW-13B

SAMPLE ID: MW-13B

SAMPLE ORDER: —

WATER COLUMN (FT): 50.39

BORE / CASING VOLUME (V) (GAL.): 32.72

WELL HEAD CONDITION:

ENSR PROJECT NO: 10770-003-002

WATER LEVEL (PRE-PURGE): 41.11

WATER LEVEL (@ SAMPLE): —

DUPLICATE ID: DUP-1

TOTAL DEPTH: 91.45

CASING DIA. (IN.): ~~8~~ 4"

3 V (GAL): 98.16

FACILITY ID NO: AmeriPride

TYPE OF PURGING DEVICE: Vac Truck

DEPTH OF EXTRACTION/PUMP AT PURGE: —

SAMPLING DEVICE: Disposable Bailer

DATE AND TIME OF INITIAL GAUGING: 12/21/06 1035

DATE AND TIME OF SAMPLING: 12/21/06 1200

SAMPLERS NAME (Print) Dan Arden

SAMPLER'S SIGNATURE:

Date	Time	Water Level (ft btoc)	Temperature	EC (µmhos/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Well Volumes Purged	Borehole Volumes Purged
12/21/06	1105	—	21.1	0.149	7.93	0	5.83	-199		0		
	1110	—	21.2	0.156	7.91	0	4.06	-186				
	1115	—	21.1	0.165	7.86	0	4.00	-160		25		
	1125	—	21.1	0.175	7.86	10	4.00	-139				
	1135	—	21.1	0.191	7.84	6	3.98	-117		50		
	1145	—	21.1	0.215	7.84	0	3.97	-94		70		
	1155	—	21.1	0.236	7.88	0	3.97	-88		95		
	1200	—	21.1	0.243	7.84	0	3.96	-85		100		

Well Volume Calculation Table

Casing Diameter (in)	Volume Multiplier
2"	0.16
4"	0.65
6"	1.47
8"	2.61
10"	4.08
12"	5.87

Borehole Volume Calculation Table

Casing Diameter (in)	Borehole Diameter	Volume Multiplier
2"	8"	0.77
2"	10"	1.14
4"	8"	1.10
4"	10"	1.50
4"	12"	1.95
6"	10"	2.11
6"	12"	2.50

Parameters for water quality stabilization

Temperature ± 1° C	Conductance ± 3%
pH ± 0.1	Turbidity ± 10% NTUs

QA/QC REVIEW (Initials)

1st level: Staff Geologist/Engineer

2nd level: Project Manager

3rd level: Senior Geologist/Engineer

NOTES:

ENSR | AECOM
999 W. Town and Country Rd., 4th Floor
Orange, CA 92868
Phone (714) 973-9740
Fax (714) 973-9750

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET-PURGING

DATE: December 21, 2006

SITE ADDRESS: 3505 Pasadena Ave., Los Angeles, CA

WELL ID: MW-14

SAMPLE ID: MW-14

SAMPLE ORDER: —

WATER COLUMN (FT): 34.50

BORE / CASING VOLUME (V) (GAL.): 22.43

WELL HEAD CONDITION:

ENSR PROJECT NO: 10770-003-002

WATER LEVEL (PRE-PURGE): 37.65

WATER LEVEL (@ SAMPLE): —

DUPLICATE ID: —

TOTAL DEPTH: 72.15

CASING DIA. (IN.): 4"

3 V (GAL): 67.00

FACILITY ID NO: AmeriPride

TYPE OF PURGING DEVICE: Vac Truck

DEPTH OF EXTRACTION/PUMP AT PURGE: —

SAMPLING DEVICE: Disposable Bailer

DATE AND TIME OF INITIAL GAUGING: 12/21/06 1220

DATE AND TIME OF SAMPLING: 12/21/06 1325

SAMPLERS NAME (Print) Dan Arden

SAMPLER'S SIGNATURE:

Date	Time	Water Level (ft btoc)	Temperature	EC (µmhos/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Well Volumes Purged	Borehole Volumes Purged
12/21/06	1220	—	21.1	0.150	8.10	0	5.65	13	—	0	0	—
	1230	—	21.1	0.150	7.83	200	5.35	14	—	10		—
	1240	—	21.1	0.150	7.82	959	5.51	19	—	15		—
	1250	—	21.2	0.150	7.83	680	5.65	26	—	20	1	—
	1300	—	21.2	0.150	7.84	440	5.66	29	—	30		—
	1310	—	21.1	0.151	7.84	310	5.65	32	—	35		—
↓	1320	—	21.1	0.151	7.84	309	5.65	33	—	45	2	—

Well Volume Calculation Table

Casing Diameter (in)	Volume Multiplier
2"	0.16
4"	0.65
6"	1.47
8"	2.61
10"	4.08
12"	5.87

Borehole Volume Calculation Table

Casing Diameter (in)	Borehole Diameter	Volume Multiplier
2"	8"	0.77
2"	10"	1.14
4"	8"	1.10
4"	10"	1.50
4"	12"	1.95
6"	10"	2.11
6"	12"	2.50

Parameters for water quality stabilization

Temperature ± 1° C	Conductance ± 3%
pH ± 0.1	Turbidity ± 10% NTUs

QA/QC REVIEW (Initials)

1st level: Staff Geologist/Engineer

2nd level: Project Manager

3rd level: Senior Geologist/Engineer

NOTES:

ENSR | AECOM
999 W. Town and Country Rd., 4th Floor
Orange, CA 92868
Phone (714) 973-9740
Fax (714) 973-9750

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET-PURGING

DATE: December 21, 2006

SITE ADDRESS: 3505 Pasadena Ave., Los Angeles, CA

WELL ID: MW-15

SAMPLE ID: MW-15

SAMPLE ORDER: —

WATER COLUMN (FT): 16.56

BORE / CASING VOLUME (V) (GAL.): 10.76

WELL HEAD CONDITION:

ENSR PROJECT NO: 10770-003-002

WATER LEVEL (PRE-PURGE): 38.19

WATER LEVEL (@ SAMPLE): —

DUPLICATE ID: —

TOTAL DEPTH: 54.75

CASING DIA. (IN.): 4"

3 V (GAL): 32.29

FACILITY ID NO: AmeriPride

TYPE OF PURGING DEVICE: Vac Truck

DEPTH OF EXTRACTION/PUMP AT PURGE: —

SAMPLING DEVICE: Disposable Bailer

DATE AND TIME OF INITIAL GAUGING: 12/21/06 1225

DATE AND TIME OF SAMPLING: 12/21/06 1415

SAMPLERS NAME (Print) Dan Arden

SAMPLER'S SIGNATURE:

Date	Time	Water Level (ft btoc)	Temperature	EC (µmhos/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Well Volumes Purged	Borehole Volumes Purged
12/21/06	1340	—	20.9	0.139	7.82	0	3.98	34	—	0	0	—
↓	1345	—	20.9	0.174	7.78	0	3.91	27	—			—
	1350	—	20.9	0.318	7.76	550	3.89	17	—	15		—
	1355	—	20.9	0.318	7.76	430	3.87	13	—	25		—
	1405	—	20.9	0.319	7.76	360	3.84	11	—	35	3	—

Well Volume Calculation Table

Casing Diameter (in)	Volume Multiplier
2"	0.16
4"	0.65
6"	1.47
8"	2.61
10"	4.08
12"	5.87

Borehole Volume Calculation Table

Casing Diameter (in)	Borehole Diameter	Volume Multiplier
2"	8"	0.77
2"	10"	1.14
4"	8"	1.10
4"	10"	1.50
4"	12"	1.95
6"	10"	2.11
6"	12"	2.50

Parameters for water quality stabilization

Temperature ± 1° C	Conductance ± 3%
pH ± 0.1	Turbidity ± 10% NTUs

QA/QC REVIEW (Initials)

1st level: Staff Geologist/Engineer

2nd level: Project Manager

3rd level: Senior Geologist/Engineer

NOTES:

ENSR | AECOM
999 W. Town and Country Rd., 4th Floor
Orange, CA 92868
Phone (714) 973-9740
Fax (714) 973-9750

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET-PURGING

DATE: December 22, 2006

SITE ADDRESS: 3505 Pasadena Ave., Los Angeles, CA

WELL ID: K-1

SAMPLE ID: K-1

SAMPLE ORDER: —

WATER COLUMN (FT): 17.85

BORE / CASING VOLUME (V) (GAL.): 2.85

ENSR PROJECT NO: 10770-003-002

WATER LEVEL (PRE-PURGE): 35.45

WATER LEVEL (@ SAMPLE): —

DUPLICATE ID: —

TOTAL DEPTH: 53.30

CASING DIA. (IN.): 2

3 V (GAL): 8.85

FACILITY ID NO: AmeriPride

TYPE OF PURGING DEVICE: Vac Truck

DEPTH OF EXTRACTION/PUMP AT PURGE: —

SAMPLING DEVICE: Disposable Bailer

DATE AND TIME OF INITIAL GAUGING: 12/22/06

DATE AND TIME OF SAMPLING: 12/22/06 1120

SAMPLERS NAME (Print) Dan Arden

SAMPLER'S SIGNATURE:

WELL HEAD CONDITION:

Date	Time	Water Level (ft btoc)	Temperature	EC (µmhos/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Well Volumes Purged	Borehole Volumes Purged
12/22/06	1105	~~1105~~	15.4	0.152	8.79	27	9.61	75	—	0		—
↓	1110	~~1110~~	17.0	0.148	8.81	C.	9.09	39	—	3		—
↓	1115	~~1115~~	17.9	0.135	8.75	380	8.90	21		6		—
										9		—

Well Volume Calculation Table

Casing Diameter (in)	Volume Multiplier
2"	0.16
4"	0.65
6"	1.47
8"	2.61
10"	4.08
12"	5.87

Borehole Volume Calculation Table

Casing Diameter (in)	Borehole Diameter	Volume Multiplier
2"	8"	0.77
2"	10"	1.14
4"	8"	1.10
4"	10"	1.50
4"	12"	1.95
6"	10"	2.11
6"	12"	2.50

Parameters for water quality stabilization

Temperature ± 1° C	Conductance ± 3%
pH ± 0.1	Turbidity ± 10% NTUs

QA/QC REVIEW (Initials)

1st level: Staff Geologist/Engineer

2nd level: Project Manager

3rd level: Senior Geologist/Engineer

NOTES:

ENSR | AECOM
999 W. Town and Country Rd., 4th Floor
Orange, CA 92868
Phone (714) 973-9740
Fax (714) 973-9750

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET-PURGING

DATE: December 22, 2006

SITE ADDRESS: 3505 Pasadena Ave., Los Angeles, CA

WELL ID: K-2

SAMPLE ID: K-2

SAMPLE ORDER: —

WATER COLUMN (FT): 18.50

BORE / CASING VOLUME (V) (GAL.): 12.03

WELL HEAD CONDITION:

ENSR PROJECT NO: 10770-003-002

WATER LEVEL (PRE-PURGE): 34.80

WATER LEVEL (@ SAMPLE): —

DUPLICATE ID: —

TOTAL DEPTH: 53.30

CASING DIA. (IN.):

3 V (GAL): 36

FACILITY ID NO: AmeriPride

TYPE OF PURGING DEVICE: Vac Truck

DEPTH OF EXTRACTION/PUMP AT PURGE: —

SAMPLING DEVICE: Disposable Bailer

DATE AND TIME OF INITIAL GAUGING: 12/22/06

DATE AND TIME OF SAMPLING: 12/22/06 1100

SAMPLERS NAME (Print) Dan Arden

SAMPLER'S SIGNATURE:

Date	Time	Water Level (ft btoc)	Temperature	EC (µmhos/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Well Volumes Purged	Borehole Volumes Purged
12/22/06	1035	~~1035~~	16.6	0.153	8.86	13	9.19	60	—	6 17		—
	1045	~~1045~~	16.1	0.152	8.64	0	9.27	62	—	12 24		—
↓	1050	~~1050~~	16.7	0.151	8.80	0	9.09	73	—	18 30		—

Well Volume Calculation Table

Casing Diameter (in)	Volume Multiplier
2"	0.16
4"	0.65
6"	1.47
8"	2.61
10"	4.08
12"	5.87

Borehole Volume Calculation Table

Casing Diameter (in)	Borehole Diameter	Volume Multiplier
2"	8"	0.77
2"	10"	1.14
4"	8"	1.10
4"	10"	1.50
4"	12"	1.95
6"	10"	2.11
6"	12"	2.50

2" pipe
readings above grounds

Parameters for water quality stabilization

Temperature ± 1° C	Conductance ± 3%
pH ± 0.1	Turbidity ± 10% NTUs

QA/QC REVIEW (Initials)

1st level: Staff Geologist/Engineer

2nd level: Project Manager

3rd level: Senior Geologist/Engineer

NOTES:

APPENDIX B

WASTE MANIFEST

4th Quarter 2006 Groundwater Monitoring Report

Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California

RS51292 DC12307

NO. 32072

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

	GENERATING SITE
NAME Ameripride	Ameripride
ADDRESS 3505 S. Pasadena Avenue	3505 S. Pasadena Avenue
CITY, STATE, ZIP Los Angeles, CA	Los Angeles, CA

PHONE NO. ( ) SITE CONTACT PROFILE NO. P-162818

CONTAINERS: No. 1 GALLONS ~~1305~~ 305 Gallons WEIGHT

TYPE: [X] TANK TRUCK [ ] DUMP TRUCK [ ] DRUMS [ ] CARTONS [ ] OTHER

WASTE DESCRIPTION COMPONENTS OF WASTE	PPM	%	GENERATING PROCESS COMPONENTS OF WASTE	PPM	%
1. WATER		99-100%	4.		
2. TPH		≤ 0.1%	5.		
3. VOC's		~~< 0.1%~~	6. ~~BESI # 130392~~		

PROPERTIES pH ~~7~~ [ ] SOLID [X] LIQUID [ ] SLUDGE [ ] SLURRY [ ] OTHER

HANDLING INSTRUCTIONS: WEAR APPROPRIATE PROTECTIVE CLOTHING

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

X David Tarpley TYPED OR PRINTED FULL NAME & SIGNATURE 12/21/06 DATE

TRANSPORTER

NAME NIETO AND SONS TRUCKING, INC. EPA I.D. NO.

ADDRESS 1281 BREA CANYON ROAD SERVICE ORDER NO.

CITY, STATE, ZIP BREA, CALIFORNIA 92821 PICK UP DATE 12/21/06

PHONE NO. (714) 990-6855

TRUCK, UNIT, I.D. NO. 2276

X TYPED OR PRINTED FULL NAME & SIGNATURE 12/21/06 DATE

TSD FACILITY

NAME ~~Siemens Water Technology~~ EPA I.D. NO.

ADDRESS ~~5375 S. Boyle Avenue~~ DISPOSAL METHOD

CITY, STATE, ZIP ~~Los Angeles, CA 90058~~ [ ] LANDFILL [X] RECYCLER ~~Recycler~~

PHONE NO. ~~323 277-1500~~

Marcos Mendoza 12/22/06

TYPED OR PRINTED FULL NAME & SIGNATURE DATE

GEN	CLD/NEW	L A	TONS
TRANS		S B	
C/Q		RT/CD	HWDF NONE

DISCREPANCY

manifested 305 GAL
Received 305 GAL.

RS51295 NO. 32073

NON-HAZARDOUS WASTE DATA FORM D020914

TO BE COMPLETED BY GENERATOR

GENERATING SITE

NAME Ameripride — Ameripride

ADDRESS 3505 S. Pasadena Avenue — 3505 S. Pasadena Avenue

CITY, STATE, ZIP Los Angeles, CA — Los Angeles, CA

PHONE NO. ( ) — SITE CONTACT — PROFILE NO. P-162818

CONTAINERS: No. 1 GALLONS 221 Gallons WEIGHT

TYPE: [X] TANK TRUCK [ ] DUMP TRUCK [ ] DRUMS [ ] CARTONS [ ] OTHER

WASTE DESCRIPTION NON-HAZARDOUS WATER — GENERATING PROCESS GROUNDWATER SAMPLING

COMPONENTS OF WASTE	PPM	%	COMPONENTS OF WASTE	PPM	%
1. WATER		99-100%	4.		
2. TPH		<0.1%	5.		
3. VOC's		<0.1%	6. BESI # 130392		

PROPERTIES pH 7 [ ] SOLID [X] LIQUID [ ] SLUDGE [ ] SLURRY [ ] OTHER

HANDLING INSTRUCTIONS: WEAR APPROPRIATE PROTECTIVE CLOTHING

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

X [signature] TYPED OR PRINTED FULL NAME & SIGNATURE — DATE 12/22/06

TRANSPORTER

NAME NIETO AND SONS TRUCKING, INC. — EPA I.D. NO.

ADDRESS 1281 BREA CANYON ROAD — SERVICE ORDER NO.

CITY, STATE, ZIP BREA, CALIFORNIA 92821 — PICK UP DATE 12/22/06

PHONE NO. (714) 990-6855

TRUCK, UNIT, I.D. NO. #222

X [signature] TYPED OR PRINTED FULL NAME & SIGNATURE — DATE 12/22/06

TSD FACILITY

NAME Siemens Water Technology — EPA I.D. NO.

DISPOSAL METHOD

ADDRESS 5375 S. Boyle Avenue — [ ] LANDFILL [X] RECYCLER

CITY, STATE, ZIP Los Angeles, CA 90058 — Recycler

PHONE NO. 323 277-1500

[signature] TYPED OR PRINTED FULL NAME & SIGNATURE — DATE 12/22/06

GEN	OLD/NEW	L A	TONS
TRANS		S B	
C/Q		RT/CD	HWDF NONE

DISCREPANCY

manifested 221 GAL.
Received 221 GAL.

APPENDIX C

LABORATORY ANALYTICAL REPORT

4th Quarter 2006 Groundwater Monitoring Report

Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California

Calscience
Environmental
Laboratories, Inc.

January 04, 2007

Jeff Otter
ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Subject: **Calscience Work Order No.: 06-12-1403**
Client Reference: AmeriPride 10770-003-300

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 12/21/2006 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of subcontracted analysis, if any, is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

Cecile deGuia

Calscience Environmental
Laboratories, Inc.
Cecile deGuia
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/21/06
Work Order No: 06-12-1403
Preparation: N/A
Method: RSK-175M

Project: AmeriPride 10770-003-300

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-8A	**06-12-1403-2**	**12/21/06**	**Aqueous**	**N/A**	**12/22/06**	**061222L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
Methane	0.150	1.000	0.00784	1	J	ug/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-13A	**06-12-1403-4**	**12/21/06**	**Aqueous**	**N/A**	**12/22/06**	**061222L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
Methane	0.170	1.000	0.00784	1	J	ug/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-13B	**06-12-1403-5**	**12/21/06**	**Aqueous**	**N/A**	**12/22/06**	**061222L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
Methane	0.0200	1.0000	0.00784	1	J	ug/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-15	**06-12-1403-7**	**12/21/06**	**Aqueous**	**N/A**	**12/22/06**	**061222L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
Methane	0.150	1.000	0.00784	1	J	ug/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-12-010-1,611**	**N/A**	**Aqueous**	**N/A**	**12/22/06**	**061222L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
Methane	ND	1.00	0.00784	1		ug/L

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/21/06
Work Order No: 06-12-1403
Preparation: N/A
Method: EPA 300.0
Units: mg/L

Project: AmeriPride 10770-003-300

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-8A	**06-12-1403-2**	**12/21/06**	**Aqueous**	**N/A**	**12/22/06**	**061221L02**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Nitrite (as N)	ND	0.10	0.015	1		Sulfate	320	50	3.4	50	
Nitrate (as N)	9.5	0.5	0.14	5							

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-13A	**06-12-1403-4**	**12/21/06**	**Aqueous**	**N/A**	**12/22/06**	**061221L02**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Nitrite (as N)	ND	0.10	0.015	1		Sulfate	290	50	3.4	50	
Nitrate (as N)	7.0	0.2	0.055	2							

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-13B	**06-12-1403-5**	**12/21/06**	**Aqueous**	**N/A**	**12/22/06**	**061221L02**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Nitrite (as N)	ND	0.10	0.015	1		Sulfate	110	20	1.4	20	
Nitrate (as N)	4.9	0.1	0.028	1							

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-15	**06-12-1403-7**	**12/21/06**	**Aqueous**	**N/A**	**12/22/06**	**061221L02**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Nitrite (as N)	ND	0.10	0.015	1		Sulfate	270	50	3.4	50	
Nitrate (as N)	5.4	0.2	0.055	2							

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-05-118-3,720**	**N/A**	**Aqueous**	**N/A**	**12/21/06**	**061221L02**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Nitrite (as N)	0.017	0.100	0.015	1	J	Sulfate	ND	1.0	0.069	1	
Nitrate (as N)	ND	0.10	0.028	1							

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ENSR International		Date Received:	12/21/06
999 W. Town and Country Rd, 4th		Work Order No:	06-12-1403
Orange, CA 92868-4713		Preparation:	N/A
		Method:	SM3500-FeD

Project: AmeriPride 10770-003-300

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-8A	**06-12-1403-2**	**12/21/06**	**Aqueous**	**N/A**	**12/21/06**	**61221FEL1**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
Iron (II)	ND	0.10	0.041	1		mg/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-13A	**06-12-1403-4**	**12/21/06**	**Aqueous**	**N/A**	**12/21/06**	**61221FEL1**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
Iron (II)	0.050	0.100	0.041	1	J	mg/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-13B	**06-12-1403-5**	**12/21/06**	**Aqueous**	**N/A**	**12/21/06**	**61221FEL1**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
Iron (II)	ND	0.10	0.041	1		mg/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-15	**06-12-1403-7**	**12/21/06**	**Aqueous**	**N/A**	**12/21/06**	**61221FEL1**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
Iron (II)	ND	0.10	0.041	1		mg/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-05-111-2,417**	**N/A**	**Aqueous**	**N/A**	**12/21/06**	**61221FEL1**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
Iron (II)	ND	0.10	0.041	1		mg/L

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/21/06
Work Order No: 06-12-1403
Preparation: EPA 5030B
Method: EPA 8015B (M)

Project: AmeriPride 10770-003-300

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-8A	**06-12-1403-2**	**12/21/06**	**Aqueous**	**12/21/06**	**12/22/06**	**061221B02**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	ND	50	48	1		ug/L
Surrogates:	**REC (%)**	**Control Limits**			**Qual**	
1,4-Bromofluorobenzene	86	38-134				

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-13A	**06-12-1403-4**	**12/21/06**	**Aqueous**	**12/21/06**	**12/22/06**	**061221B02**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	ND	50	48	1		ug/L
Surrogates:	**REC (%)**	**Control Limits**			**Qual**	
1,4-Bromofluorobenzene	84	38-134				

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-13B	**06-12-1403-5**	**12/21/06**	**Aqueous**	**12/21/06**	**12/22/06**	**061221B02**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	ND	50	48	1		ug/L
Surrogates:	**REC (%)**	**Control Limits**			**Qual**	
1,4-Bromofluorobenzene	82	38-134				

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-14	**06-12-1403-6**	**12/21/06**	**Aqueous**	**12/21/06**	**12/22/06**	**061221B02**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	ND	50	48	1		ug/L
Surrogates:	**REC (%)**	**Control Limits**			**Qual**	
1,4-Bromofluorobenzene	87	38-134				

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-15	**06-12-1403-7**	**12/21/06**	**Aqueous**	**12/21/06**	**12/22/06**	**061221B02**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	ND	50	48	1		ug/L
Surrogates:	**REC (%)**	**Control Limits**			**Qual**	
1,4-Bromofluorobenzene	84	38-134				

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/21/06
Work Order No: 06-12-1403
Preparation: EPA 5030B
Method: EPA 8015B (M)

Project: AmeriPride 10770-003-300

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-12-436-101**	**N/A**	**Aqueous**	**12/21/06**	**12/22/06**	**061221B02**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	ND	50	48	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	84	38-134	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/21/06
Work Order No: 06-12-1403
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: AmeriPride 10770-003-300

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-8A	**06-12-1403-2**	**12/21/06**	**Aqueous**	**12/22/06**	**12/23/06**	**061222L02**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	8.8	50.0	7.0	1	J	c-1,3-Dichloropropene	ND	0.50	0.28	1	
Benzene	ND	0.50	0.19	1		t-1,3-Dichloropropene	ND	0.50	0.26	1	
Bromobenzene	ND	1.0	0.26	1		Ethylbenzene	ND	1.0	0.13	1	
Bromochloromethane	ND	1.0	0.88	1		2-Hexanone	ND	10	3.4	1	
Bromodichloromethane	ND	1.0	0.21	1		Isopropylbenzene	ND	1.0	0.10	1	
Bromoform	ND	1.0	0.87	1		p-Isopropyltoluene	ND	1.0	0.14	1	
Bromomethane	ND	10	3.5	1		Methylene Chloride	ND	10	9.7	1	
2-Butanone	ND	10	8.0	1		4-Methyl-2-Pentanone	ND	10	2.0	1	
n-Butylbenzene	ND	1.0	0.25	1		Naphthalene	ND	10	0.42	1	
sec-Butylbenzene	ND	1.0	0.29	1		n-Propylbenzene	ND	1.0	0.12	1	
tert-Butylbenzene	ND	1.0	0.19	1		Styrene	ND	1.0	0.16	1	
Carbon Disulfide	ND	10	1.8	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.44	1	
Carbon Tetrachloride	ND	0.50	0.29	1		1,1,2,2-Tetrachloroethane	ND	1.0	0.45	1	
Chlorobenzene	ND	1.0	0.16	1		Tetrachloroethene	0.78	1.00	0.30	1	J
Chloroethane	ND	1.0	0.70	1		Toluene	ND	1.0	0.23	1	
Chloroform	0.95	1.00	0.29	1	J	1,2,3-Trichlorobenzene	ND	1.0	0.26	1	
Chloromethane	ND	10	2.1	1		1,2,4-Trichlorobenzene	ND	1.0	0.29	1	
2-Chlorotoluene	ND	1.0	0.16	1		1,1,1-Trichloroethane	ND	1.0	0.35	1	
4-Chlorotoluene	ND	1.0	0.18	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.61	1	
Dibromochloromethane	ND	1.0	0.39	1		1,1,2-Trichloroethane	ND	1.0	0.79	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	3.1	1		Trichloroethene	ND	1.0	0.31	1	
1,2-Dibromoethane	ND	1.0	0.41	1		Trichlorofluoromethane	ND	10	0.83	1	
Dibromomethane	ND	1.0	0.82	1		1,2,3-Trichloropropane	ND	5.0	2.8	1	
1,2-Dichlorobenzene	ND	1.0	0.15	1		1,2,4-Trimethylbenzene	ND	1.0	0.13	1	
1,3-Dichlorobenzene	ND	1.0	0.15	1		1,3,5-Trimethylbenzene	ND	1.0	0.86	1	
1,4-Dichlorobenzene	ND	1.0	0.17	1		Vinyl Acetate	ND	10	6.4	1	
Dichlorodifluoromethane	ND	1.0	0.33	1		Vinyl Chloride	ND	0.50	0.24	1	
1,1-Dichloroethane	ND	1.0	0.25	1		p/m-Xylene	ND	1.0	0.27	1	
1,2-Dichloroethane	ND	0.50	0.25	1		o-Xylene	ND	1.0	0.17	1	
1,1-Dichloroethene	ND	1.0	0.26	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.23	1	
c-1,2-Dichloroethene	ND	1.0	0.63	1		Tert-Butyl Alcohol (TBA)	ND	10	9.2	1	
t-1,2-Dichloroethene	ND	1.0	0.83	1		Diisopropyl Ether (DIPE)	ND	2.0	0.39	1	
1,2-Dichloropropane	ND	1.0	0.55	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	0.46	1	
1,3-Dichloropropane	ND	1.0	0.28	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	0.50	1	
2,2-Dichloropropane	ND	1.0	0.29	1		Ethanol	ND	100	70	1	
1,1-Dichloropropene	ND	1.0	0.62	1							

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	121	74-140		1,2-Dichloroethane-d4	135	74-146	
Toluene-d8	100	88-112		1,4-Bromofluorobenzene	89	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/21/06
Work Order No: 06-12-1403
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: AmeriPride 10770-003-300

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
DUP-1 MW-13B	**06-12-1403-3**	**12/21/06**	**Aqueous**	**12/22/06**	**12/23/06**	**061222L02**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	8.9	50.0	7.0	1	J	c-1,3-Dichloropropene	ND	0.50	0.28	1	
Benzene	ND	0.50	0.19	1		t-1,3-Dichloropropene	ND	0.50	0.26	1	
Bromobenzene	ND	1.0	0.26	1		Ethylbenzene	ND	1.0	0.13	1	
Bromochloromethane	ND	1.0	0.88	1		2-Hexanone	ND	10	3.4	1	
Bromodichloromethane	ND	1.0	0.21	1		Isopropylbenzene	ND	1.0	0.10	1	
Bromoform	ND	1.0	0.87	1		p-Isopropyltoluene	ND	1.0	0.14	1	
Bromomethane	ND	10	3.5	1		Methylene Chloride	ND	10	9.7	1	
2-Butanone	ND	10	8.0	1		4-Methyl-2-Pentanone	ND	10	2.0	1	
n-Butylbenzene	ND	1.0	0.25	1		Naphthalene	ND	10	0.42	1	
sec-Butylbenzene	ND	1.0	0.29	1		n-Propylbenzene	ND	1.0	0.12	1	
tert-Butylbenzene	ND	1.0	0.19	1		Styrene	ND	1.0	0.16	1	
Carbon Disulfide	ND	10	1.8	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.44	1	
Carbon Tetrachloride	ND	0.50	0.29	1		1,1,2,2-Tetrachloroethane	ND	1.0	0.45	1	
Chlorobenzene	ND	1.0	0.16	1		Tetrachloroethene	5.8	1.0	0.30	1	
Chloroethane	ND	1.0	0.70	1		Toluene	ND	1.0	0.23	1	
Chloroform	ND	1.0	0.29	1		1,2,3-Trichlorobenzene	ND	1.0	0.26	1	
Chloromethane	ND	10	2.1	1		1,2,4-Trichlorobenzene	ND	1.0	0.29	1	
2-Chlorotoluene	ND	1.0	0.16	1		1,1,1-Trichloroethane	ND	1.0	0.35	1	
4-Chlorotoluene	ND	1.0	0.18	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.61	1	
Dibromochloromethane	ND	1.0	0.39	1		1,1,2-Trichloroethane	ND	1.0	0.79	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	3.1	1		Trichloroethene	3.4	1.0	0.31	1	
1,2-Dibromoethane	ND	1.0	0.41	1		Trichlorofluoromethane	ND	10	0.83	1	
Dibromomethane	ND	1.0	0.82	1		1,2,3-Trichloropropane	ND	5.0	2.8	1	
1,2-Dichlorobenzene	ND	1.0	0.15	1		1,2,4-Trimethylbenzene	ND	1.0	0.13	1	
1,3-Dichlorobenzene	ND	1.0	0.15	1		1,3,5-Trimethylbenzene	ND	1.0	0.86	1	
1,4-Dichlorobenzene	ND	1.0	0.17	1		Vinyl Acetate	ND	10	6.4	1	
Dichlorodifluoromethane	ND	1.0	0.33	1		Vinyl Chloride	ND	0.50	0.24	1	
1,1-Dichloroethane	ND	1.0	0.25	1		p/m-Xylene	ND	1.0	0.27	1	
1,2-Dichloroethane	ND	0.50	0.25	1		o-Xylene	ND	1.0	0.17	1	
1,1-Dichloroethene	ND	1.0	0.26	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.23	1	
c-1,2-Dichloroethene	9.6	1.0	0.63	1		Tert-Butyl Alcohol (TBA)	ND	10	9.2	1	
t-1,2-Dichloroethene	ND	1.0	0.83	1		Diisopropyl Ether (DIPE)	ND	2.0	0.39	1	
1,2-Dichloropropane	ND	1.0	0.55	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	0.46	1	
1,3-Dichloropropane	ND	1.0	0.28	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	0.50	1	
2,2-Dichloropropane	ND	1.0	0.29	1		Ethanol	ND	100	70	1	
1,1-Dichloropropene	ND	1.0	0.62	1							

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	120	74-140		1,2-Dichloroethane-d4	133	74-146	
Toluene-d8	100	88-112		1,4-Bromofluorobenzene	88	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/21/06
Work Order No: 06-12-1403
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: AmeriPride 10770-003-300

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-13A	**06-12-1403-4**	**12/21/06**	**Aqueous**	**12/23/06**	**12/24/06**	**061223L03**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	50	7.0	1		c-1,3-Dichloropropene	ND	0.50	0.28	1	
Benzene	ND	0.50	0.19	1		t-1,3-Dichloropropene	ND	0.50	0.26	1	
Bromobenzene	ND	1.0	0.26	1		Ethylbenzene	ND	1.0	0.13	1	
Bromochloromethane	ND	1.0	0.88	1		2-Hexanone	ND	10	3.4	1	
Bromodichloromethane	ND	1.0	0.21	1		Isopropylbenzene	ND	1.0	0.10	1	
Bromoform	ND	1.0	0.87	1		p-Isopropyltoluene	ND	1.0	0.14	1	
Bromomethane	ND	10	3.5	1		Methylene Chloride	ND	10	9.7	1	
2-Butanone	ND	10	8.0	1		4-Methyl-2-Pentanone	ND	10	2.0	1	
n-Butylbenzene	ND	1.0	0.25	1		Naphthalene	ND	10	0.42	1	
sec-Butylbenzene	ND	1.0	0.29	1		n-Propylbenzene	ND	1.0	0.12	1	
tert-Butylbenzene	ND	1.0	0.19	1		Styrene	ND	1.0	0.16	1	
Carbon Disulfide	ND	10	1.8	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.44	1	
Carbon Tetrachloride	ND	0.50	0.29	1		1,1,2,2-Tetrachloroethane	ND	1.0	0.45	1	
Chlorobenzene	ND	1.0	0.16	1		Tetrachloroethene	22	1	0.30	1	
Chloroethane	ND	1.0	0.70	1		Toluene	ND	1.0	0.23	1	
Chloroform	0.63	1.00	0.29	1	J	1,2,3-Trichlorobenzene	ND	1.0	0.26	1	
Chloromethane	ND	10	2.1	1		1,2,4-Trichlorobenzene	ND	1.0	0.29	1	
2-Chlorotoluene	ND	1.0	0.16	1		1,1,1-Trichloroethane	ND	1.0	0.35	1	
4-Chlorotoluene	ND	1.0	0.18	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.61	1	
Dibromochloromethane	ND	1.0	0.39	1		1,1,2-Trichloroethane	ND	1.0	0.79	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	3.1	1		Trichloroethene	11	1	0.31	1	
1,2-Dibromoethane	ND	1.0	0.41	1		Trichlorofluoromethane	ND	10	0.83	1	
Dibromomethane	ND	1.0	0.82	1		1,2,3-Trichloropropane	ND	5.0	2.8	1	
1,2-Dichlorobenzene	ND	1.0	0.15	1		1,2,4-Trimethylbenzene	ND	1.0	0.13	1	
1,3-Dichlorobenzene	ND	1.0	0.15	1		1,3,5-Trimethylbenzene	ND	1.0	0.86	1	
1,4-Dichlorobenzene	ND	1.0	0.17	1		Vinyl Acetate	ND	10	6.4	1	
Dichlorodifluoromethane	ND	1.0	0.33	1		Vinyl Chloride	ND	0.50	0.24	1	
1,1-Dichloroethane	ND	1.0	0.25	1		p/m-Xylene	ND	1.0	0.27	1	
1,2-Dichloroethane	ND	0.50	0.25	1		o-Xylene	ND	1.0	0.17	1	
1,1-Dichloroethene	ND	1.0	0.26	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.23	1	
c-1,2-Dichloroethene	35	1	0.63	1		Tert-Butyl Alcohol (TBA)	ND	10	9.2	1	
t-1,2-Dichloroethene	1.4	1.0	0.83	1		Diisopropyl Ether (DIPE)	ND	2.0	0.39	1	
1,2-Dichloropropane	ND	1.0	0.55	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	0.46	1	
1,3-Dichloropropane	ND	1.0	0.28	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	0.50	1	
2,2-Dichloropropane	ND	1.0	0.29	1		Ethanol	ND	100	70	1	
1,1-Dichloropropene	ND	1.0	0.62	1							

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	100	74-140		1,2-Dichloroethane-d4	104	74-146	
Toluene-d8	104	88-112		1,4-Bromofluorobenzene	99	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/21/06
Work Order No: 06-12-1403
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: AmeriPride 10770-003-300

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-13B	**06-12-1403-5**	**12/21/06**	**Aqueous**	**12/23/06**	**12/24/06**	**061223L03**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	8.5	50.0	7.0	1	J	c-1,3-Dichloropropene	ND	0.50	0.28	1	
Benzene	ND	0.50	0.19	1		t-1,3-Dichloropropene	ND	0.50	0.26	1	
Bromobenzene	ND	1.0	0.26	1		Ethylbenzene	ND	1.0	0.13	1	
Bromochloromethane	ND	1.0	0.88	1		2-Hexanone	ND	10	3.4	1	
Bromodichloromethane	ND	1.0	0.21	1		Isopropylbenzene	ND	1.0	0.10	1	
Bromoform	ND	1.0	0.87	1		p-Isopropyltoluene	ND	1.0	0.14	1	
Bromomethane	ND	10	3.5	1		Methylene Chloride	ND	10	9.7	1	
2-Butanone	ND	10	8.0	1		4-Methyl-2-Pentanone	ND	10	2.0	1	
n-Butylbenzene	ND	1.0	0.25	1		Naphthalene	ND	10	0.42	1	
sec-Butylbenzene	ND	1.0	0.29	1		n-Propylbenzene	ND	1.0	0.12	1	
tert-Butylbenzene	ND	1.0	0.19	1		Styrene	ND	1.0	0.16	1	
Carbon Disulfide	ND	10	1.8	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.44	1	
Carbon Tetrachloride	ND	0.50	0.29	1		1,1,2,2-Tetrachloroethane	ND	1.0	0.45	1	
Chlorobenzene	ND	1.0	0.16	1		Tetrachloroethene	6.9	1.0	0.30	1	
Chloroethane	ND	1.0	0.70	1		Toluene	ND	1.0	0.23	1	
Chloroform	ND	1.0	0.29	1		1,2,3-Trichlorobenzene	ND	1.0	0.26	1	
Chloromethane	ND	10	2.1	1		1,2,4-Trichlorobenzene	ND	1.0	0.29	1	
2-Chlorotoluene	ND	1.0	0.16	1		1,1,1-Trichloroethane	ND	1.0	0.35	1	
4-Chlorotoluene	ND	1.0	0.18	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.61	1	
Dibromochloromethane	ND	1.0	0.39	1		1,1,2-Trichloroethane	ND	1.0	0.79	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	3.1	1		Trichloroethene	2.9	1.0	0.31	1	
1,2-Dibromoethane	ND	1.0	0.41	1		Trichlorofluoromethane	ND	10	0.83	1	
Dibromomethane	ND	1.0	0.82	1		1,2,3-Trichloropropane	ND	5.0	2.8	1	
1,2-Dichlorobenzene	ND	1.0	0.15	1		1,2,4-Trimethylbenzene	ND	1.0	0.13	1	
1,3-Dichlorobenzene	ND	1.0	0.15	1		1,3,5-Trimethylbenzene	ND	1.0	0.86	1	
1,4-Dichlorobenzene	ND	1.0	0.17	1		Vinyl Acetate	ND	10	6.4	1	
Dichlorodifluoromethane	ND	1.0	0.33	1		Vinyl Chloride	ND	0.50	0.24	1	
1,1-Dichloroethane	ND	1.0	0.25	1		p/m-Xylene	ND	1.0	0.27	1	
1,2-Dichloroethane	ND	0.50	0.25	1		o-Xylene	ND	1.0	0.17	1	
1,1-Dichloroethene	ND	1.0	0.26	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.23	1	
c-1,2-Dichloroethene	11	1	0.63	1		Tert-Butyl Alcohol (TBA)	ND	10	9.2	1	
t-1,2-Dichloroethene	ND	1.0	0.83	1		Diisopropyl Ether (DIPE)	ND	2.0	0.39	1	
1,2-Dichloropropane	ND	1.0	0.55	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	0.46	1	
1,3-Dichloropropane	ND	1.0	0.28	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	0.50	1	
2,2-Dichloropropane	ND	1.0	0.29	1		Ethanol	ND	100	70	1	
1,1-Dichloropropene	ND	1.0	0.62	1							

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	120	74-140		1,2-Dichloroethane-d4	124	74-146	
Toluene-d8	99	88-112		1,4-Bromofluorobenzene	95	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/21/06
Work Order No: 06-12-1403
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: AmeriPride 10770-003-300

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-14	**06-12-1403-6**	**12/21/06**	**Aqueous**	**12/23/06**	**12/24/06**	**061223L03**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	9.4	50.0	7.0	1	J	c-1,3-Dichloropropene	ND	0.50	0.28	1	
Benzene	ND	0.50	0.19	1		t-1,3-Dichloropropene	ND	0.50	0.26	1	
Bromobenzene	ND	1.0	0.26	1		Ethylbenzene	ND	1.0	0.13	1	
Bromochloromethane	ND	1.0	0.88	1		2-Hexanone	ND	10	3.4	1	
Bromodichloromethane	ND	1.0	0.21	1		Isopropylbenzene	ND	1.0	0.10	1	
Bromoform	ND	1.0	0.87	1		p-Isopropyltoluene	ND	1.0	0.14	1	
Bromomethane	ND	10	3.5	1		Methylene Chloride	ND	10	9.7	1	
2-Butanone	ND	10	8.0	1		4-Methyl-2-Pentanone	ND	10	2.0	1	
n-Butylbenzene	ND	1.0	0.25	1		Naphthalene	ND	10	0.42	1	
sec-Butylbenzene	ND	1.0	0.29	1		n-Propylbenzene	ND	1.0	0.12	1	
tert-Butylbenzene	ND	1.0	0.19	1		Styrene	ND	1.0	0.16	1	
Carbon Disulfide	ND	10	1.8	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.44	1	
Carbon Tetrachloride	ND	0.50	0.29	1		1,1,2,2-Tetrachloroethane	ND	1.0	0.45	1	
Chlorobenzene	ND	1.0	0.16	1		Tetrachloroethene	19	1	0.30	1	
Chloroethane	ND	1.0	0.70	1		Toluene	ND	1.0	0.23	1	
Chloroform	0.79	1.00	0.29	1	J	1,2,3-Trichlorobenzene	ND	1.0	0.26	1	
Chloromethane	ND	10	2.1	1		1,2,4-Trichlorobenzene	ND	1.0	0.29	1	
2-Chlorotoluene	ND	1.0	0.16	1		1,1,1-Trichloroethane	ND	1.0	0.35	1	
4-Chlorotoluene	ND	1.0	0.18	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.61	1	
Dibromochloromethane	ND	1.0	0.39	1		1,1,2-Trichloroethane	ND	1.0	0.79	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	3.1	1		Trichloroethene	11	1	0.31	1	
1,2-Dibromoethane	ND	1.0	0.41	1		Trichlorofluoromethane	ND	10	0.83	1	
Dibromomethane	ND	1.0	0.82	1		1,2,3-Trichloropropane	ND	5.0	2.8	1	
1,2-Dichlorobenzene	ND	1.0	0.15	1		1,2,4-Trimethylbenzene	ND	1.0	0.13	1	
1,3-Dichlorobenzene	ND	1.0	0.15	1		1,3,5-Trimethylbenzene	ND	1.0	0.86	1	
1,4-Dichlorobenzene	ND	1.0	0.17	1		Vinyl Acetate	ND	10	6.4	1	
Dichlorodifluoromethane	ND	1.0	0.33	1		Vinyl Chloride	ND	0.50	0.24	1	
1,1-Dichloroethane	ND	1.0	0.25	1		p/m-Xylene	ND	1.0	0.27	1	
1,2-Dichloroethane	ND	0.50	0.25	1		o-Xylene	ND	1.0	0.17	1	
1,1-Dichloroethene	ND	1.0	0.26	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.23	1	
c-1,2-Dichloroethene	45	1	0.63	1		Tert-Butyl Alcohol (TBA)	ND	10	9.2	1	
t-1,2-Dichloroethene	3.1	1.0	0.83	1		Diisopropyl Ether (DIPE)	ND	2.0	0.39	1	
1,2-Dichloropropane	ND	1.0	0.55	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	0.46	1	
1,3-Dichloropropane	ND	1.0	0.28	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	0.50	1	
2,2-Dichloropropane	ND	1.0	0.29	1		Ethanol	ND	100	70	1	
1,1-Dichloropropene	ND	1.0	0.62	1							

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	121	74-140		1,2-Dichloroethane-d4	125	74-146	
Toluene-d8	98	88-112		1,4-Bromofluorobenzene	97	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ENSR International		Date Received:	12/21/06
999 W. Town and Country Rd, 4th		Work Order No:	06-12-1403
Orange, CA 92868-4713		Preparation:	EPA 5030B
		Method:	EPA 8260B
		Units:	ug/L
Project: AmeriPride 10770-003-300			Page 6 of 8

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-15	**06-12-1403-7**	**12/21/06**	**Aqueous**	**12/23/06**	**12/24/06**	**061223L03**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	17	100	14	2	J	c-1,3-Dichloropropene	ND	1.0	0.57	2	
Benzene	ND	1.0	0.38	2		t-1,3-Dichloropropene	ND	1.0	0.51	2	
Bromobenzene	ND	2.0	0.51	2		Ethylbenzene	ND	2.0	0.27	2	
Bromochloromethane	ND	2.0	1.8	2		2-Hexanone	ND	20	6.8	2	
Bromodichloromethane	ND	2.0	0.43	2		Isopropylbenzene	ND	2.0	0.20	2	
Bromoform	ND	2.0	1.7	2		p-Isopropyltoluene	ND	2.0	0.27	2	
Bromomethane	ND	20	7.0	2		Methylene Chloride	ND	20	19	2	
2-Butanone	ND	20	16	2		4-Methyl-2-Pentanone	ND	20	4.1	2	
n-Butylbenzene	ND	2.0	0.49	2		Naphthalene	ND	20	0.84	2	
sec-Butylbenzene	ND	2.0	0.59	2		n-Propylbenzene	ND	2.0	0.25	2	
tert-Butylbenzene	ND	2.0	0.37	2		Styrene	ND	2.0	0.31	2	
Carbon Disulfide	ND	20	3.7	2		1,1,1,2-Tetrachloroethane	ND	2.0	0.89	2	
Carbon Tetrachloride	ND	1.0	0.59	2		1,1,2,2-Tetrachloroethane	ND	2.0	0.90	2	
Chlorobenzene	ND	2.0	0.33	2		Tetrachloroethene	27	2	0.60	2	
Chloroethane	ND	2.0	1.4	2		Toluene	ND	2.0	0.45	2	
Chloroform	0.61	2.00	0.59	2	J	1,2,3-Trichlorobenzene	ND	2.0	0.52	2	
Chloromethane	ND	20	4.1	2		1,2,4-Trichlorobenzene	ND	2.0	0.59	2	
2-Chlorotoluene	ND	2.0	0.31	2		1,1,1-Trichloroethane	ND	2.0	0.69	2	
4-Chlorotoluene	ND	2.0	0.36	2		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	20	1.2	2	
Dibromochloromethane	ND	2.0	0.78	2		1,1,2-Trichloroethane	ND	2.0	1.6	2	
1,2-Dibromo-3-Chloropropane	ND	10	6.3	2		Trichloroethene	23	2	0.61	2	
1,2-Dibromoethane	ND	2.0	0.82	2		Trichlorofluoromethane	ND	20	1.7	2	
Dibromomethane	ND	2.0	1.6	2		1,2,3-Trichloropropane	ND	10	5.5	2	
1,2-Dichlorobenzene	ND	2.0	0.30	2		1,2,4-Trimethylbenzene	ND	2.0	0.27	2	
1,3-Dichlorobenzene	ND	2.0	0.30	2		1,3,5-Trimethylbenzene	ND	2.0	1.7	2	
1,4-Dichlorobenzene	ND	2.0	0.35	2		Vinyl Acetate	ND	20	13	2	
Dichlorodifluoromethane	ND	2.0	0.65	2		Vinyl Chloride	ND	1.0	0.48	2	
1,1-Dichloroethane	ND	2.0	0.50	2		p/m-Xylene	ND	2.0	0.55	2	
1,2-Dichloroethane	ND	1.0	0.49	2		o-Xylene	ND	2.0	0.34	2	
1,1-Dichloroethene	ND	2.0	0.51	2		Methyl-t-Butyl Ether (MTBE)	ND	2.0	0.45	2	
c-1,2-Dichloroethene	160	2	1.3	2		Tert-Butyl Alcohol (TBA)	ND	20	18	2	
t-1,2-Dichloroethene	12	2	1.7	2		Diisopropyl Ether (DIPE)	ND	4.0	0.78	2	
1,2-Dichloropropane	ND	2.0	1.1	2		Ethyl-t-Butyl Ether (ETBE)	ND	4.0	0.92	2	
1,3-Dichloropropane	ND	2.0	0.56	2		Tert-Amyl-Methyl Ether (TAME)	ND	4.0	1.0	2	
2,2-Dichloropropane	ND	2.0	0.58	2		Ethanol	ND	200	140	2	
1,1-Dichloropropene	ND	2.0	1.2	2							

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	119	74-140		1,2-Dichloroethane-d4	127	74-146	
Toluene-d8	99	88-112		1,4-Bromofluorobenzene	95	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/21/06
Work Order No: 06-12-1403
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: AmeriPride 10770-003-300

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-10-006-19,992**	**N/A**	**Aqueous**	**12/23/06**	**12/24/06**	**061223L03**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	50	7.0	1		c-1,3-Dichloropropene	ND	0.50	0.28	1	
Benzene	ND	0.50	0.19	1		t-1,3-Dichloropropene	ND	0.50	0.26	1	
Bromobenzene	ND	1.0	0.26	1		Ethylbenzene	ND	1.0	0.13	1	
Bromochloromethane	ND	1.0	0.88	1		2-Hexanone	ND	10	3.4	1	
Bromodichloromethane	ND	1.0	0.21	1		Isopropylbenzene	ND	1.0	0.10	1	
Bromoform	ND	1.0	0.87	1		p-Isopropyltoluene	ND	1.0	0.14	1	
Bromomethane	ND	10	3.5	1		Methylene Chloride	ND	10	9.7	1	
2-Butanone	ND	10	8.0	1		4-Methyl-2-Pentanone	ND	10	2.0	1	
n-Butylbenzene	ND	1.0	0.25	1		Naphthalene	ND	10	0.42	1	
sec-Butylbenzene	ND	1.0	0.29	1		n-Propylbenzene	ND	1.0	0.12	1	
tert-Butylbenzene	ND	1.0	0.19	1		Styrene	ND	1.0	0.16	1	
Carbon Disulfide	ND	10	1.8	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.44	1	
Carbon Tetrachloride	ND	0.50	0.29	1		1,1,2,2-Tetrachloroethane	ND	1.0	0.45	1	
Chlorobenzene	ND	1.0	0.16	1		Tetrachloroethene	ND	1.0	0.30	1	
Chloroethane	ND	1.0	0.70	1		Toluene	ND	1.0	0.23	1	
Chloroform	ND	1.0	0.29	1		1,2,3-Trichlorobenzene	ND	1.0	0.26	1	
Chloromethane	ND	10	2.1	1		1,2,4-Trichlorobenzene	ND	1.0	0.29	1	
2-Chlorotoluene	ND	1.0	0.16	1		1,1,1-Trichloroethane	ND	1.0	0.35	1	
4-Chlorotoluene	ND	1.0	0.18	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.61	1	
Dibromochloromethane	ND	1.0	0.39	1		1,1,2-Trichloroethane	ND	1.0	0.79	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	3.1	1		Trichloroethene	ND	1.0	0.31	1	
1,2-Dibromoethane	ND	1.0	0.41	1		Trichlorofluoromethane	ND	10	0.83	1	
Dibromomethane	ND	1.0	0.82	1		1,2,3-Trichloropropane	ND	5.0	2.8	1	
1,2-Dichlorobenzene	ND	1.0	0.15	1		1,2,4-Trimethylbenzene	ND	1.0	0.13	1	
1,3-Dichlorobenzene	ND	1.0	0.15	1		1,3,5-Trimethylbenzene	ND	1.0	0.86	1	
1,4-Dichlorobenzene	ND	1.0	0.17	1		Vinyl Acetate	ND	10	6.4	1	
Dichlorodifluoromethane	ND	1.0	0.33	1		Vinyl Chloride	ND	0.50	0.24	1	
1,1-Dichloroethane	ND	1.0	0.25	1		p/m-Xylene	ND	1.0	0.27	1	
1,2-Dichloroethane	ND	0.50	0.25	1		o-Xylene	ND	1.0	0.17	1	
1,1-Dichloroethene	ND	1.0	0.26	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.23	1	
c-1,2-Dichloroethene	ND	1.0	0.63	1		Tert-Butyl Alcohol (TBA)	ND	10	9.2	1	
t-1,2-Dichloroethene	ND	1.0	0.83	1		Diisopropyl Ether (DIPE)	ND	2.0	0.39	1	
1,2-Dichloropropane	ND	1.0	0.55	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	0.46	1	
1,3-Dichloropropane	ND	1.0	0.28	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	0.50	1	
2,2-Dichloropropane	ND	1.0	0.29	1		Ethanol	ND	100	70	1	
1,1-Dichloropropene	ND	1.0	0.62	1							

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	97	74-140		1,2-Dichloroethane-d4	101	74-146	
Toluene-d8	104	88-112		1,4-Bromofluorobenzene	98	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received:	12/21/06
Work Order No:	06-12-1403
Preparation:	EPA 5030B
Method:	EPA 8260B
Units:	ug/L

Project: AmeriPride 10770-003-300

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-10-006-20,006**	**N/A**	**Aqueous**	**12/22/06**	**12/23/06**	**061222L02**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	50	7.0	1		c-1,3-Dichloropropene	ND	0.50	0.28	1	
Benzene	ND	0.50	0.19	1		t-1,3-Dichloropropene	ND	0.50	0.26	1	
Bromobenzene	ND	1.0	0.26	1		Ethylbenzene	ND	1.0	0.13	1	
Bromochloromethane	ND	1.0	0.88	1		2-Hexanone	ND	10	3.4	1	
Bromodichloromethane	ND	1.0	0.21	1		Isopropylbenzene	ND	1.0	0.10	1	
Bromoform	ND	1.0	0.87	1		p-Isopropyltoluene	ND	1.0	0.14	1	
Bromomethane	ND	10	3.5	1		Methylene Chloride	ND	10	9.7	1	
2-Butanone	ND	10	8.0	1		4-Methyl-2-Pentanone	ND	10	2.0	1	
n-Butylbenzene	ND	1.0	0.25	1		Naphthalene	ND	10	0.42	1	
sec-Butylbenzene	ND	1.0	0.29	1		n-Propylbenzene	ND	1.0	0.12	1	
tert-Butylbenzene	ND	1.0	0.19	1		Styrene	ND	1.0	0.16	1	
Carbon Disulfide	ND	10	1.8	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.44	1	
Carbon Tetrachloride	ND	0.50	0.29	1		1,1,2,2-Tetrachloroethane	ND	1.0	0.45	1	
Chlorobenzene	ND	1.0	0.16	1		Tetrachloroethene	ND	1.0	0.30	1	
Chloroethane	ND	1.0	0.70	1		Toluene	ND	1.0	0.23	1	
Chloroform	ND	1.0	0.29	1		1,2,3-Trichlorobenzene	ND	1.0	0.26	1	
Chloromethane	ND	10	2.1	1		1,2,4-Trichlorobenzene	ND	1.0	0.29	1	
2-Chlorotoluene	ND	1.0	0.16	1		1,1,1-Trichloroethane	ND	1.0	0.35	1	
4-Chlorotoluene	ND	1.0	0.18	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.61	1	
Dibromochloromethane	ND	1.0	0.39	1		1,1,2-Trichloroethane	ND	1.0	0.79	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	3.1	1		Trichloroethene	ND	1.0	0.31	1	
1,2-Dibromoethane	ND	1.0	0.41	1		Trichlorofluoromethane	ND	10	0.83	1	
Dibromomethane	ND	1.0	0.82	1		1,2,3-Trichloropropane	ND	5.0	2.8	1	
1,2-Dichlorobenzene	ND	1.0	0.15	1		1,2,4-Trimethylbenzene	ND	1.0	0.13	1	
1,3-Dichlorobenzene	ND	1.0	0.15	1		1,3,5-Trimethylbenzene	ND	1.0	0.86	1	
1,4-Dichlorobenzene	ND	1.0	0.17	1		Vinyl Acetate	ND	10	6.4	1	
Dichlorodifluoromethane	ND	1.0	0.33	1		Vinyl Chloride	ND	0.50	0.24	1	
1,1-Dichloroethane	ND	1.0	0.25	1		p/m-Xylene	ND	1.0	0.27	1	
1,2-Dichloroethane	ND	0.50	0.25	1		o-Xylene	ND	1.0	0.17	1	
1,1-Dichloroethene	ND	1.0	0.26	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.23	1	
c-1,2-Dichloroethene	ND	1.0	0.63	1		Tert-Butyl Alcohol (TBA)	ND	10	9.2	1	
t-1,2-Dichloroethene	ND	1.0	0.83	1		Diisopropyl Ether (DIPE)	ND	2.0	0.39	1	
1,2-Dichloropropane	ND	1.0	0.55	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	0.46	1	
1,3-Dichloropropane	ND	1.0	0.28	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	0.50	1	
2,2-Dichloropropane	ND	1.0	0.29	1		Ethanol	ND	100	70	1	
1,1-Dichloropropene	ND	1.0	0.62	1							

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	114	74-140		1,2-Dichloroethane-d4	130	74-146	
Toluene-d8	97	88-112		1,4-Bromofluorobenzene	88	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Quality Control - Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International		Date Received:	12/21/06
999 W. Town and Country Rd, 4th		Work Order No:	06-12-1403
Orange, CA 92868-4713		Preparation:	N/A
		Method:	RSK-175M

Project: AmeriPride 10770-003-300

Quality Control Sample ID	Matrix	Instrument	Date Prepared:	Date Analyzed:	Duplicate Batch Number
MW-13A	**Aqueous**	**GC 33**	**N/A**	**12/22/06**	**061222D01**

Parameter	Sample Conc	DUP Conc	RPD	RPD CL	Qualifiers
Carbon Dioxide	ND	ND	NA	0-20	
Ethane	ND	ND	NA	0-20	
Ethylene	ND	ND	NA	0-20	
Methane	ND	ND	NA	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/21/06
Work Order No: 06-12-1403
Preparation: N/A
Method: EPA 300.0

Project AmeriPride 10770-003-300

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
MW-8A	**Aqueous**	**IC 7**	**N/A**	**12/22/06**	**061221S02**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Nitrite (as N)	94	96	68-122	2	0-8	
Nitrate (as N)	92	95	58-142	2	0-6	
Sulfate	101	101	49-133	0	0-3	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International		Date Received:	12/21/06
999 W. Town and Country Rd, 4th		Work Order No:	06-12-1403
Orange, CA 92868-4713		Preparation:	N/A
		Method:	SM3500-FeD

Project AmeriPride 10770-003-300

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
MW-15	**Aqueous**	**UV 2**	**N/A**	**12/21/06**	**61221FES1**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Iron (II)	100	96	70-130	4	0-25	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/21/06
Work Order No: 06-12-1403
Preparation: EPA 5030B
Method: EPA 8015B (M)

Project AmeriPride 10770-003-300

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
MW-8A	**Aqueous**	**GC 4**	**12/21/06**	**12/22/06**	**061221S02**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	85	87	68-122	2	0-18	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/21/06
Work Order No: 06-12-1403
Preparation: EPA 5030B
Method: EPA 8260B

Project AmeriPride 10770-003-300

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
06-12-1453-1	**Aqueous**	**GC/MS W**	**12/22/06**	**12/23/06**	**061222S02**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	107	114	88-118	7	0-7	
Carbon Tetrachloride	106	119	67-145	11	0-11	
Chlorobenzene	103	111	88-118	7	0-7	
1,2-Dichlorobenzene	100	107	86-116	6	0-8	
1,1-Dichloroethene	120	130	70-130	8	0-25	
Toluene	106	115	87-123	8	0-8	
Trichloroethene	102	110	79-127	8	0-10	
Vinyl Chloride	109	116	69-129	6	0-13	
Methyl-t-Butyl Ether (MTBE)	102	107	71-131	5	0-13	
Tert-Butyl Alcohol (TBA)	100	106	36-168	6	0-45	
Diisopropyl Ether (DIPE)	105	111	81-123	5	0-9	
Ethyl-t-Butyl Ether (ETBE)	99	103	72-126	5	0-12	
Tert-Amyl-Methyl Ether (TAME)	105	109	72-126	4	0-12	
Ethanol	108	103	53-149	4	0-31	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/21/06
Work Order No: 06-12-1403
Preparation: EPA 5030B
Method: EPA 8260B

Project AmeriPride 10770-003-300

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
MW-13A	**Aqueous**	**GC/MS Z**	**12/23/06**	**12/24/06**	**061223S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	101	96	88-118	6	0-7	
Carbon Tetrachloride	108	90	67-145	19	0-11	4
Chlorobenzene	99	99	88-118	0	0-7	
1,2-Dichlorobenzene	96	94	86-116	1	0-8	
1,1-Dichloroethene	110	92	70-130	17	0-25	
Toluene	99	104	87-123	6	0-8	
Trichloroethene	105	94	79-127	9	0-10	
Vinyl Chloride	102	92	69-129	10	0-13	
Methyl-t-Butyl Ether (MTBE)	97	84	71-131	14	0-13	4
Tert-Butyl Alcohol (TBA)	69	62	36-168	11	0-45	
Diisopropyl Ether (DIPE)	104	97	81-123	7	0-9	
Ethyl-t-Butyl Ether (ETBE)	89	83	72-126	8	0-12	
Tert-Amyl-Methyl Ether (TAME)	86	83	72-126	3	0-12	
Ethanol	116	115	53-149	1	0-31	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: N/A
Work Order No: 06-12-1403
Preparation: N/A
Method: RSK-175M

Project: AmeriPride 10770-003-300

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-010-1,611	**Aqueous**	**GC 33**	**N/A**	**12/22/06**	**061222L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Methane	94	95	79-109	1	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: N/A
Work Order No: 06-12-1403
Preparation: N/A
Method: EPA 300.0

Project: AmeriPride 10770-003-300

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-05-118-3,720	**Aqueous**	**IC 7**	**N/A**	**12/22/06**	**061221L02**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Nitrite (as N)	96	96	73-115	0	0-26	
Nitrate (as N)	92	94	87-111	2	0-12	
Sulfate	99	95	89-107	4	0-13	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Laboratory Control Sample

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International		Date Received:	N/A
999 W. Town and Country Rd, 4th		Work Order No:	06-12-1403
Orange, CA 92868-4713		Preparation:	N/A
		Method:	SM3500-FeD

Project: AmeriPride 10770-003-300

Quality Control Sample ID	Matrix	Instrument	Date Analyzed	Lab File ID	LCS Batch Number
099-05-111-2,417	**Aqueous**	**UV 2**	**12/21/06**	**NONE**	**61221FEL1**

Parameter	Conc Added	Conc Recovered	LCS %Rec	%Rec CL	Qualifiers
Iron (II)	1.0	0.94	94	80-120	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: N/A
Work Order No: 06-12-1403
Preparation: EPA 5030B
Method: EPA 8015B (M)

Project: AmeriPride 10770-003-300

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-436-101	**Aqueous**	**GC 4**	**12/21/06**	**12/22/06**	**061221B02**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	90	90	78-120	0	0-10	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: N/A
Work Order No: 06-12-1403
Preparation: EPA 5030B
Method: EPA 8260B

Project: AmeriPride 10770-003-300

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-10-006-20,006	**Aqueous**	**GC/MS W**	**12/22/06**	**12/23/06**	**061222L02**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	114	113	84-120	1	0-8	
Carbon Tetrachloride	123	124	63-147	1	0-10	
Chlorobenzene	111	109	89-119	2	0-7	
1,2-Dichlorobenzene	106	106	89-119	0	0-9	
1,1-Dichloroethene	125	126	77-125	0	0-16	X
Toluene	113	114	83-125	1	0-9	
Trichloroethene	117	116	89-119	0	0-8	
Vinyl Chloride	121	121	63-135	0	0-13	
Methyl-t-Butyl Ether (MTBE)	107	107	82-118	0	0-13	
Tert-Butyl Alcohol (TBA)	96	101	46-154	5	0-32	
Diisopropyl Ether (DIPE)	112	114	81-123	1	0-11	
Ethyl-t-Butyl Ether (ETBE)	104	105	74-122	1	0-12	
Tert-Amyl-Methyl Ether (TAME)	112	111	76-124	1	0-10	
Ethanol	105	107	60-138	2	0-32	

Note "X" : The percent recovery is above acceptable control limits. The samples and method blank associated with this batch are non-detect, and therefore, the results have been reported without further clarification.

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: N/A
Work Order No: 06-12-1403
Preparation: EPA 5030B
Method: EPA 8260B

Project: AmeriPride 10770-003-300

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-10-006-19,992	**Aqueous**	**GC/MS Z**	**12/23/06**	**12/24/06**	**061223L03**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	99	99	84-120	0	0-8	
Carbon Tetrachloride	103	103	63-147	0	0-10	
Chlorobenzene	99	99	89-119	0	0-7	
1,2-Dichlorobenzene	97	97	89-119	0	0-9	
1,1-Dichloroethene	108	106	77-125	3	0-16	
Toluene	96	97	83-125	1	0-9	
Trichloroethene	102	103	89-119	0	0-8	
Vinyl Chloride	99	98	63-135	1	0-13	
Methyl-t-Butyl Ether (MTBE)	104	100	82-118	3	0-13	
Tert-Butyl Alcohol (TBA)	66	62	46-154	6	0-32	
Diisopropyl Ether (DIPE)	109	106	81-123	3	0-11	
Ethyl-t-Butyl Ether (ETBE)	98	95	74-122	3	0-12	
Tert-Amyl-Methyl Ether (TAME)	90	90	76-124	1	0-10	
Ethanol	110	99	60-138	10	0-32	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 06-12-1403

Qualifier	Definition
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike or Matrix Spike Duplicate compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

Dennis Liu

From: Otter, Jeff [jotter@ensr.aecom.com]
Sent: Thursday, December 21, 2006 5:46 PM
To: Dennis Liu
Subject: RE: 06-12-1403; AmeriPride 10770-003-300

DOC006.PDF

Amended page 1 attached.
Thanks for coordinating this.

-----Original Message-----
From: Dennis Liu [mailto:DLiu@calscience.com]
Sent: Thursday, December 21, 2006 5:25 PM
To: Otter, Jeff
Subject: 06-12-1403; AmeriPride 10770-003-300

We did not receive your trip blank samples. Could you please ammend the attached COC to reflect the omission? Thank you.

<<06-12-1403.PDF>>

Dennis Liu
Assistant Project Manager
Calscience Environmental
Laboratories, Inc.
7440 Lincoln Way
Garden Grove, CA 92841-1427
Tel.: 714-895-5494 Ext. 134
Fax : 714-894-7501
dliu@calscience.com

PRIVACY NOTICE:
This email (and/or the documents attached to it) is intended only for the use of the individual or entity to which it is addressed and may contain information that is privileged, confidential, or exempt from disclosure under applicable Federal or State law. If the reader of this message is not the intended recipient or the employee or agent responsible for delivering the message to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this communication is strictly prohibited. If you have received this communication in error, please notify us immediately by telephone or else to arrange for the return of the documents
REPORT SECURITY NOTICE:
The client or recipient of any attached analytical report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience Environmental Laboratories, Inc. is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience Environmental Laboratories, Inc. for any defense to any litigation which arises.

Eurofins Environmental Laboratories, Inc.
7440 LINCOLN WAY
GARDEN GROVE, CA 92841-1432
TEL: (714) 895-5494 . FAX: (714) 894-7501

CHAIN OF CUSTODY RECORD

DATE:

PAGE: 1 OF 2

LABORATORY CLIENT: ENSR

ADDRESS: 999 West Town and Country Road, 4th Floor

CITY: Orange, CA 92868

TEL: 714-973-9740 | FAX: 714-973-9750 | E-MAIL: jotter@ensr.aecom.com

CLIENT PROJECT NAME / NUMBER: AmeriPride 10770-003-300

PROJECT CONTACT: Jeff Otter

SAMPLER(S): (SIGNATURE)

P.O. NO.:

QUOTE NO.:

LAB USE ONLY: 12-1403

TURNAROUND TIME

☐ SAME DAY ☐ 24 HR ☐ 48HR ☐ 72 HR ☒ Normal

SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY)

☐ RWQCB REPORTING ☐ ARCHIVE SAMPLES UNTIL ___/___/___

SPECIAL INSTRUCTIONS

REQUESTED ANALYSIS

LAB USE ONLY	SAMPLE ID	LOCATION/ DESCRIPTION	SAMPLING DATE	SAMPLING TIME	Matrix	#Cont	8260B (Full Scan & Oxygenates)	8015M (TPH-g)	8015M (TPH-D)	Ferrous Iron	Sulfate	Nitrate	Nitrite	Methane	8270M (1,4-Dioxane)
	~~TB (12/21/06)~~	Trip Blank	Lab Prepared		H_2O	3	X	10wk 12/21/06							
	~~MW-2~~	~~Standard Sample~~			H_2O	8	X	X							
	~~MW-3~~	~~Standard Sample~~			H2O	11	X	X	X	X	X	X	X	X	
	~~MW-7~~	~~Standard Sample~~			H2O	8	X	X	X						
	MW-8A	Standard Sample	12/21/06	1055	H2O	89	X	X		X	X	X	X	X	
	~~MW-9A~~	~~Standard Sample~~			H2O	8	X	X	X						
	~~MW-9B~~	~~Standard Sample~~			H2O	8	X	X	X						
	~~MW-10A~~	~~Standard Sample~~			H2O	11	X	X	X	X	X	X	X	X	
	~~MW-10B~~	Standard Sample			H2O	11	X	X	X	X	X	X	X	X	
	DUP-1 MW-13B(NP)	Field Duplicate	12/21/06	—	H2O	83	X								

Relinquished by: (Signature)	Received by: (Signature)	Date: 12-21-06	Time: 1552
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature)	Date	Time.

Calscience Environmental Laboratories, Inc.
7440 LINCOLN WAY
GARDEN GROVE, CA 92841-1432
TEL: (714) 895-5494 . FAX: (714) 894-7501

CHAIN OF CUSTODY RECORD

DATE:

LABORATORY CLIENT: ENSR
ADDRESS: 999 West Town and Country Road, 4th Floor
CITY: Orange, CA 92868
TEL: 714-973-9740 | FAX: 714-973-9750 | E-MAIL: jotter@ensr.aecom.com

CLIENT PROJECT NAME / NUMBER: AmeriPride 10770-003-300
PROJECT CONTACT: Jeff Otter
SAMPLER(S): (SIGNATURE)
P.O. NO.:
QUOTE NO.:
LAB USE ONLY: 120-1403

TURNAROUND TIME
☐ SAME DAY ☐ 24 HR ☐ 48HR ☐ 72 HR ☒ Normal

SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY)
☐ RWQCB REPORTING ☐ ARCHIVE SAMPLES UNTIL ____/____/____

SPECIAL INSTRUCTIONS

REQUESTED ANALYSIS

LAB USE ONLY	SAMPLE ID	LOCATION/ DESCRIPTION	SAMPLING DATE	SAMPLING TIME	Matrix	#Cont	8260B (Full Scan & Oxygenates)	8015M (TPH-g)	8015M (TPH-D)	Ferrous Iron	Sulfate	Nitrate	Nitrite	Methane	8270M (1,4-Dioxane)
	TB-(12/21/06)	Trip Blank	Lab Prepared		H_2O	3	X								
	~~MW-2~~	~~Standard Sample~~			~~H_2O~~	~~8~~	~~X~~	~~X~~							
	~~MW-3~~	~~Standard Sample~~			~~H2O~~	~~11~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	
	~~MW-7~~	~~Standard Sample~~			~~H2O~~	~~8~~	~~X~~	~~X~~	~~X~~						
	MW-8A	Standard Sample	12/21/06	1055	H2O	9	X	X		X	X	X	X	X	
	~~MW-9A~~	~~Standard Sample~~			~~H2O~~	~~8~~	~~X~~	~~X~~	~~X~~						
	~~MW-9B~~	~~Standard Sample~~			~~H2O~~	~~8~~	~~X~~	~~X~~	~~X~~						
	~~MW-10A~~	~~Standard Sample~~			~~H2O~~	~~11~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	
	~~MW-10B~~	~~Standard Sample~~			~~H2O~~	~~11~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	
	DUP-1 MW-13B(NP)	Field Duplicate	12/21/06	—	H2O	2	X								

Relinquished by: (Signature)	Received by: (Signature)	Date: 12-21-06	Time: 1552
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

Calscience Environmental Laboratories, Inc.
7440 LINCOLN WAY
GARDEN GROVE, CA 92841-1432
TEL: (714) 895-5494 . FAX: (714) 894-7501

CHAIN OF CUSTODY RECORD

DATE:

PAGE: 2 OF 2

LABORATORY CLIENT: ENSR
ADDRESS: 999 West Town and Country Road, 4th Floor
CITY: Orange, CA 92868
TEL: 714-973-9740 FAX: 714-973-9750 E-MAIL: jotter@ensr.aecom.com

CLIENT PROJECT NAME / NUMBER: AmeriPride 10770-003-300
PROJECT CONTACT: Jeff Otter
SAMPLER(S): (SIGNATURE)
P.O. NO.:
QUOTE NO.:
LAB USE ONLY: 12-1403

TURNAROUND TIME
☐ SAME DAY ☐ 24 HR ☐ 48HR ☐ 72 HR ☒ Normal

SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY)
☐ RWQCB REPORTING ☐ ARCHIVE SAMPLES UNTIL ___/___/___

SPECIAL INSTRUCTIONS

REQUESTED ANALYSIS

LAB USE ONLY	SAMPLE ID	LOCATION/ DESCRIPTION	SAMPLING DATE	SAMPLING TIME	Matrix	#Cont	8260B (Full Scan & Oxygenates)	8015M (TPH-g)	8015M (TPH-D)	Ferrous Iron	Sulfate	Nitrate	Nitrite	Methane	8270M (1,4-Dioxane)
	MW-13A	Standard Sample	12/21/06	1110	H_2O	11	X	X		X	X	X	X	X	
	MW-13B	Standard Sample		1200	H_2O	11	X	X		X	X	X	X	X	
	MW-14	Standard Sample		1325	H2O	8	X	X							
	MW-15	Standard Sample		1415	H2O	11	X	X		X	X	X	X	X	
	~~MW-16A~~	~~Standard Sample~~			~~H2O~~	~~11~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	
	~~MW-16B~~	~~Standard Sample~~			~~H2O~~	~~11~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	
	~~MW-16C~~	~~Standard Sample~~			~~H2O~~	~~11~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	
	~~K-1~~	~~Standard Sample~~			~~H2O~~	~~8~~	~~X~~	~~X~~	~~X~~						
	~~K-2~~	Standard Sample			~~H2O~~	8	~~X~~	~~X~~							
	~~DUP-2~~	Field Duplicate			~~H_2O~~	~~11~~	~~X~~								

Relinquished by: (Signature)	Received by: (Signature)	Date: 12-21-06	Time: 1552
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 06-12-1403

Cooler 1 **of** 1

SAMPLE RECEIPT FORM

CLIENT: ENSR **DATE:** 12-21-06

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

_____ Chilled, cooler with temperature blank provided.
_____ Chilled, cooler without temperature blank.
_____ Chilled and placed in cooler with wet ice.
_____ Ambient and placed in cooler with wet ice.
_____ Ambient temperature.

_____ °C Temperature blank.

LABORATORY (Other than Calscience Courier):

3.1 °C Temperature blank.
_____ °C IR thermometer.
_____ Ambient temperature.

Initial: WB

CUSTODY SEAL INTACT:

Sample(s): _____ Cooler: _____ No (Not Intact) : _____ Not Applicable (N/A): ✓

Initial: WB

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples	✓		
Sampler's name indicated on COC		✓	
Sample container label(s) consistent with custody papers	✓	✓	
Sample container(s) intact and good condition	✓		
Correct containers and volume for analyses requested	✓		
Proper preservation noted on sample label(s)	✓		
VOA vial(s) free of headspace.	✓		
Tedlar bag(s) free of condensation			✓

Initial: WB

COMMENTS:

Sample (#1) 3 vial Trip blank didn't received CLN 12/21/06

Calscience
Environmental
Laboratories, Inc.

January 03, 2007

Jeff Otter
ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Subject: **Calscience Work Order No.: 06-12-1504**
Client Reference: AmeriPride 10770-003-300

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 12/22/2006 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of subcontracted analysis, if any, is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

Cecile deGuia

Calscience Environmental
Laboratories, Inc.
Cecile deGuia
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International		Date Received:	12/22/06
999 W. Town and Country Rd, 4th		Work Order No:	06-12-1504
Orange, CA 92868-4713		Preparation:	N/A
		Method:	RSK-175M

Project: AmeriPride 10770-003-300

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-10A	**06-12-1504-6**	**12/22/06**	**Aqueous**	**N/A**	**12/23/06**	**061223L01**

Parameter	Result	RL	MDL	DF	Qual	Units
Methane	90.1	1.0	0.00784	1		ug/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-10B	**06-12-1504-7**	**12/22/06**	**Aqueous**	**N/A**	**12/23/06**	**061223L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
Methane	0.0600	1.0000	0.00784	1	J	ug/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-12-010-1,612**	**N/A**	**Aqueous**	**N/A**	**12/23/06**	**061223L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
Methane	ND	1.00	0.00784	1		ug/L

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received:	12/22/06
Work Order No:	06-12-1504
Preparation:	N/A
Method:	EPA 300.0
Units:	mg/L

Project: AmeriPride 10770-003-300

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-10A	**06-12-1504-6**	**12/22/06**	**Aqueous**	**N/A**	**12/22/06**	**061222L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Nitrite (as N)	ND	0.10	0.015	1		Sulfate	260	100	6.9	100	
Nitrate (as N)	1.7	0.1	0.028	1							

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-10B	**06-12-1504-7**	**12/22/06**	**Aqueous**	**N/A**	**12/22/06**	**061222L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Nitrite (as N)	ND	0.10	0.015	1		Sulfate	210	100	6.9	100	
Nitrate (as N)	0.86	0.10	0.028	1							

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-05-118-3,721**	**N/A**	**Aqueous**	**N/A**	**12/22/06**	**061222L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Nitrite (as N)	ND	0.10	0.015	1		Sulfate	ND	1.0	0.069	1	
Nitrate (as N)	ND	0.10	0.028	1							

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International		Date Received:	12/22/06
999 W. Town and Country Rd, 4th		Work Order No:	06-12-1504
Orange, CA 92868-4713		Preparation:	N/A
		Method:	SM3500-FeD

Project: AmeriPride 10770-003-300 Page 1 of 1

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-10A	**06-12-1504-6**	**12/22/06**	**Aqueous**	**12/22/06**	**12/22/06**	**61222FEL1**

Parameter	Result	RL	DF	Qual	Units
Iron (II)	ND	0.10	1		mg/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-10B	**06-12-1504-7**	**12/22/06**	**Aqueous**	**12/22/06**	**12/22/06**	**61222FEL1**

Parameter	Result	RL	DF	Qual	Units
Iron (II)	ND	0.10	1		mg/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-05-111-2,418**	**N/A**	**Aqueous**	**12/22/06**	**12/22/06**	**61222FEL1**

Parameter	Result	RL	DF	Qual	Units
Iron (II)	ND	0.10	1		mg/L

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/22/06
Work Order No: 06-12-1504
Preparation: EPA 3510C
Method: EPA 8015B (M)

Project: AmeriPride 10770-003-300

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-7	**06-12-1504-3**	**12/22/06**	**Aqueous**	**12/28/06**	**12/28/06**	**061228B02**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Diesel	ND	500	480	1		ug/L
Surrogates:	REC (%)	Control Limits			Qual	
Decachlorobiphenyl	109	68-140				

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-9A	**06-12-1504-4**	**12/22/06**	**Aqueous**	**12/28/06**	**12/28/06**	**061228B02**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Diesel	ND	500	480	1		ug/L
Surrogates:	REC (%)	Control Limits			Qual	
Decachlorobiphenyl	112	68-140				

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-9B	**06-12-1504-5**	**12/22/06**	**Aqueous**	**12/28/06**	**12/28/06**	**061228B02**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Diesel	ND	500	480	1		ug/L
Surrogates:	REC (%)	Control Limits			Qual	
Decachlorobiphenyl	112	68-140				

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-10A	**06-12-1504-6**	**12/22/06**	**Aqueous**	**12/28/06**	**12/28/06**	**061228B02**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

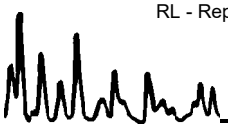
Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Diesel	ND	500	480	1		ug/L
Surrogates:	REC (%)	Control Limits			Qual	
Decachlorobiphenyl	102	68-140				

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-10B	**06-12-1504-7**	**12/22/06**	**Aqueous**	**12/28/06**	**12/28/06**	**061228B02**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Diesel	ND	500	480	1		ug/L
Surrogates:	REC (%)	Control Limits			Qual	
Decachlorobiphenyl	107	68-140				

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Calscience Environmental Laboratories, Inc.

Analytical Report

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/22/06
Work Order No: 06-12-1504
Preparation: EPA 3510C
Method: EPA 8015B (M)

Project: AmeriPride 10770-003-300

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
K-1	**06-12-1504-8**	**12/22/06**	**Aqueous**	**12/28/06**	**12/28/06**	**061228B02**

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Diesel	4200	500	480	1		ug/L
Surrogates:	REC (%)	Control Limits			Qual	
Decachlorobiphenyl	111	68-140				

Method Blank	099-12-308-124	N/A	Aqueous	12/28/06	12/28/06	061228B02

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Diesel	ND	500	480	1		ug/L
Surrogates:	REC (%)	Control Limits			Qual	
Decachlorobiphenyl	103	68-140				

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/22/06
Work Order No: 06-12-1504
Preparation: EPA 5030B
Method: EPA 8015B (M)

Project: AmeriPride 10770-003-300

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-2	**06-12-1504-2**	**12/22/06**	**Aqueous**	**12/23/06**	**12/23/06**	**061223B01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	ND	50	48	1		ug/L
Surrogates:	**REC (%)**	**Control Limits**			**Qual**	
1,4-Bromofluorobenzene	92	38-134				

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-7	**06-12-1504-3**	**12/22/06**	**Aqueous**	**12/23/06**	**12/23/06**	**061223B01**

Comment(s): -The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	83	50	48	1		ug/L
Surrogates:	**REC (%)**	**Control Limits**			**Qual**	
1,4-Bromofluorobenzene	86	38-134				

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-9A	**06-12-1504-4**	**12/22/06**	**Aqueous**	**12/23/06**	**12/23/06**	**061223B01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	ND	50	48	1		ug/L
Surrogates:	**REC (%)**	**Control Limits**			**Qual**	
1,4-Bromofluorobenzene	91	38-134				

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-9B	**06-12-1504-5**	**12/22/06**	**Aqueous**	**12/23/06**	**12/23/06**	**061223B01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	ND	50	48	1		ug/L
Surrogates:	**REC (%)**	**Control Limits**			**Qual**	
1,4-Bromofluorobenzene	83	38-134				

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/22/06
Work Order No: 06-12-1504
Preparation: EPA 5030B
Method: EPA 8015B (M)

Project: AmeriPride 10770-003-300

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-10A	**06-12-1504-6**	**12/22/06**	**Aqueous**	**12/23/06**	**12/23/06**	**061223B01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	ND	50	48	1		ug/L
Surrogates:	**REC (%)**	**Control Limits**			**Qual**	
1,4-Bromofluorobenzene	93	38-134				

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-10B	**06-12-1504-7**	**12/22/06**	**Aqueous**	**12/23/06**	**12/23/06**	**061223B01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	ND	50	48	1		ug/L
Surrogates:	**REC (%)**	**Control Limits**			**Qual**	
1,4-Bromofluorobenzene	84	38-134				

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
K-1	**06-12-1504-8**	**12/22/06**	**Aqueous**	**12/23/06**	**12/23/06**	**061223B01**

Comment(s): -The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard.
Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	310	50	48	1		ug/L
Surrogates:	**REC (%)**	**Control Limits**			**Qual**	
1,4-Bromofluorobenzene	100	38-134				

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
K-2	**06-12-1504-9**	**12/22/06**	**Aqueous**	**12/23/06**	**12/23/06**	**061223B01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	ND	50	48	1		ug/L
Surrogates:	**REC (%)**	**Control Limits**			**Qual**	
1,4-Bromofluorobenzene	87	38-134				

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/22/06
Work Order No: 06-12-1504
Preparation: EPA 5030B
Method: EPA 8015B (M)

Project: AmeriPride 10770-003-300

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-12-436-105**	**N/A**	**Aqueous**	**12/23/06**	**12/23/06**	**061223B01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	ND	50	48	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	83	38-134	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/22/06
Work Order No: 06-12-1504
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: AmeriPride 10770-003-300

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TB-12/22/06	**06-12-1504-1**	**12/22/06**	**Aqueous**	**12/27/06**	**12/27/06**	**061227L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	50	7.0	1		c-1,3-Dichloropropene	ND	0.50	0.28	1	
Benzene	ND	0.50	0.19	1		t-1,3-Dichloropropene	ND	0.50	0.26	1	
Bromobenzene	ND	1.0	0.26	1		Ethylbenzene	ND	1.0	0.13	1	
Bromochloromethane	ND	1.0	0.88	1		2-Hexanone	ND	10	3.4	1	
Bromodichloromethane	ND	1.0	0.21	1		Isopropylbenzene	ND	1.0	0.10	1	
Bromoform	ND	1.0	0.87	1		p-Isopropyltoluene	ND	1.0	0.14	1	
Bromomethane	ND	10	3.5	1		Methylene Chloride	ND	10	9.7	1	
2-Butanone	ND	10	8.0	1		4-Methyl-2-Pentanone	ND	10	2.0	1	
n-Butylbenzene	ND	1.0	0.25	1		Naphthalene	ND	10	0.42	1	
sec-Butylbenzene	ND	1.0	0.29	1		n-Propylbenzene	ND	1.0	0.12	1	
tert-Butylbenzene	ND	1.0	0.19	1		Styrene	ND	1.0	0.16	1	
Carbon Disulfide	ND	10	1.8	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.44	1	
Carbon Tetrachloride	ND	0.50	0.29	1		1,1,2,2-Tetrachloroethane	ND	1.0	0.45	1	
Chlorobenzene	ND	1.0	0.16	1		Tetrachloroethene	ND	1.0	0.30	1	
Chloroethane	ND	1.0	0.70	1		Toluene	ND	1.0	0.23	1	
Chloroform	ND	1.0	0.29	1		1,2,3-Trichlorobenzene	ND	1.0	0.26	1	
Chloromethane	ND	10	2.1	1		1,2,4-Trichlorobenzene	ND	1.0	0.29	1	
2-Chlorotoluene	ND	1.0	0.16	1		1,1,1-Trichloroethane	ND	1.0	0.35	1	
4-Chlorotoluene	ND	1.0	0.18	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.61	1	
Dibromochloromethane	ND	1.0	0.39	1		1,1,2-Trichloroethane	ND	1.0	0.79	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	3.1	1		Trichloroethene	ND	1.0	0.31	1	
1,2-Dibromoethane	ND	1.0	0.41	1		Trichlorofluoromethane	ND	10	0.83	1	
Dibromomethane	ND	1.0	0.82	1		1,2,3-Trichloropropane	ND	5.0	2.8	1	
1,2-Dichlorobenzene	ND	1.0	0.15	1		1,2,4-Trimethylbenzene	ND	1.0	0.13	1	
1,3-Dichlorobenzene	ND	1.0	0.15	1		1,3,5-Trimethylbenzene	ND	1.0	0.86	1	
1,4-Dichlorobenzene	ND	1.0	0.17	1		Vinyl Acetate	ND	10	6.4	1	
Dichlorodifluoromethane	ND	1.0	0.33	1		Vinyl Chloride	ND	0.50	0.24	1	
1,1-Dichloroethane	ND	1.0	0.25	1		p/m-Xylene	ND	1.0	0.27	1	
1,2-Dichloroethane	ND	0.50	0.25	1		o-Xylene	ND	1.0	0.17	1	
1,1-Dichloroethene	ND	1.0	0.26	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.23	1	
c-1,2-Dichloroethene	ND	1.0	0.63	1		Tert-Butyl Alcohol (TBA)	ND	10	9.2	1	
t-1,2-Dichloroethene	ND	1.0	0.83	1		Diisopropyl Ether (DIPE)	ND	2.0	0.39	1	
1,2-Dichloropropane	ND	1.0	0.55	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	0.46	1	
1,3-Dichloropropane	ND	1.0	0.28	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	0.50	1	
2,2-Dichloropropane	ND	1.0	0.29	1		Ethanol	ND	100	70	1	
1,1-Dichloropropene	ND	1.0	0.62	1							

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	106	74-140		1,2-Dichloroethane-d4	105	74-146	
Toluene-d8	101	88-112		1,4-Bromofluorobenzene	89	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/22/06
Work Order No: 06-12-1504
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: AmeriPride 10770-003-300

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-2	**06-12-1504-2**	**12/22/06**	**Aqueous**	**12/27/06**	**12/27/06**	**061227L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	50	7.0	1		c-1,3-Dichloropropene	ND	0.50	0.28	1	
Benzene	ND	0.50	0.19	1		t-1,3-Dichloropropene	ND	0.50	0.26	1	
Bromobenzene	ND	1.0	0.26	1		Ethylbenzene	ND	1.0	0.13	1	
Bromochloromethane	ND	1.0	0.88	1		2-Hexanone	ND	10	3.4	1	
Bromodichloromethane	ND	1.0	0.21	1		Isopropylbenzene	ND	1.0	0.10	1	
Bromoform	ND	1.0	0.87	1		p-Isopropyltoluene	ND	1.0	0.14	1	
Bromomethane	ND	10	3.5	1		Methylene Chloride	ND	10	9.7	1	
2-Butanone	ND	10	8.0	1		4-Methyl-2-Pentanone	ND	10	2.0	1	
n-Butylbenzene	ND	1.0	0.25	1		Naphthalene	ND	10	0.42	1	
sec-Butylbenzene	ND	1.0	0.29	1		n-Propylbenzene	ND	1.0	0.12	1	
tert-Butylbenzene	ND	1.0	0.19	1		Styrene	ND	1.0	0.16	1	
Carbon Disulfide	ND	10	1.8	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.44	1	
Carbon Tetrachloride	ND	0.50	0.29	1		1,1,2,2-Tetrachloroethane	ND	1.0	0.45	1	
Chlorobenzene	ND	1.0	0.16	1		Tetrachloroethene	0.97	1.00	0.30	1	J
Chloroethane	ND	1.0	0.70	1		Toluene	ND	1.0	0.23	1	
Chloroform	0.47	1.00	0.29	1	J	1,2,3-Trichlorobenzene	ND	1.0	0.26	1	
Chloromethane	ND	10	2.1	1		1,2,4-Trichlorobenzene	ND	1.0	0.29	1	
2-Chlorotoluene	ND	1.0	0.16	1		1,1,1-Trichloroethane	ND	1.0	0.35	1	
4-Chlorotoluene	ND	1.0	0.18	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.61	1	
Dibromochloromethane	ND	1.0	0.39	1		1,1,2-Trichloroethane	ND	1.0	0.79	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	3.1	1		Trichloroethene	ND	1.0	0.31	1	
1,2-Dibromoethane	ND	1.0	0.41	1		Trichlorofluoromethane	ND	10	0.83	1	
Dibromomethane	ND	1.0	0.82	1		1,2,3-Trichloropropane	ND	5.0	2.8	1	
1,2-Dichlorobenzene	ND	1.0	0.15	1		1,2,4-Trimethylbenzene	ND	1.0	0.13	1	
1,3-Dichlorobenzene	ND	1.0	0.15	1		1,3,5-Trimethylbenzene	ND	1.0	0.86	1	
1,4-Dichlorobenzene	ND	1.0	0.17	1		Vinyl Acetate	ND	10	6.4	1	
Dichlorodifluoromethane	ND	1.0	0.33	1		Vinyl Chloride	ND	0.50	0.24	1	
1,1-Dichloroethane	ND	1.0	0.25	1		p/m-Xylene	ND	1.0	0.27	1	
1,2-Dichloroethane	ND	0.50	0.25	1		o-Xylene	ND	1.0	0.17	1	
1,1-Dichloroethene	ND	1.0	0.26	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.23	1	
c-1,2-Dichloroethene	ND	1.0	0.63	1		Tert-Butyl Alcohol (TBA)	ND	10	9.2	1	
t-1,2-Dichloroethene	ND	1.0	0.83	1		Diisopropyl Ether (DIPE)	ND	2.0	0.39	1	
1,2-Dichloropropane	ND	1.0	0.55	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	0.46	1	
1,3-Dichloropropane	ND	1.0	0.28	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	0.50	1	
2,2-Dichloropropane	ND	1.0	0.29	1		Ethanol	ND	100	70	1	
1,1-Dichloropropene	ND	1.0	0.62	1							

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	109	74-140		1,2-Dichloroethane-d4	109	74-146	
Toluene-d8	100	88-112		1,4-Bromofluorobenzene	91	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/22/06
Work Order No: 06-12-1504
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: AmeriPride 10770-003-300

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-7	**06-12-1504-3**	**12/22/06**	**Aqueous**	**12/28/06**	**12/29/06**	**061228L02**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	50	7.0	1		c-1,3-Dichloropropene	ND	0.50	0.28	1	
Benzene	ND	0.50	0.19	1		t-1,3-Dichloropropene	ND	0.50	0.26	1	
Bromobenzene	ND	1.0	0.26	1		Ethylbenzene	ND	1.0	0.13	1	
Bromochloromethane	ND	1.0	0.88	1		2-Hexanone	ND	10	3.4	1	
Bromodichloromethane	ND	1.0	0.21	1		Isopropylbenzene	ND	1.0	0.10	1	
Bromoform	ND	1.0	0.87	1		p-Isopropyltoluene	ND	1.0	0.14	1	
Bromomethane	ND	10	3.5	1		Methylene Chloride	ND	10	9.7	1	
2-Butanone	ND	10	8.0	1		4-Methyl-2-Pentanone	ND	10	2.0	1	
n-Butylbenzene	ND	1.0	0.25	1		Naphthalene	ND	10	0.42	1	
sec-Butylbenzene	ND	1.0	0.29	1		n-Propylbenzene	ND	1.0	0.12	1	
tert-Butylbenzene	ND	1.0	0.19	1		Styrene	ND	1.0	0.16	1	
Carbon Disulfide	ND	10	1.8	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.44	1	
Carbon Tetrachloride	ND	0.50	0.29	1		1,1,2,2-Tetrachloroethane	ND	1.0	0.45	1	
Chlorobenzene	ND	1.0	0.16	1		Tetrachloroethene	14	1	0.30	1	
Chloroethane	ND	1.0	0.70	1		Toluene	ND	1.0	0.23	1	
Chloroform	0.45	1.00	0.29	1	J	1,2,3-Trichlorobenzene	ND	1.0	0.26	1	
Chloromethane	ND	10	2.1	1		1,2,4-Trichlorobenzene	ND	1.0	0.29	1	
2-Chlorotoluene	ND	1.0	0.16	1		1,1,1-Trichloroethane	ND	1.0	0.35	1	
4-Chlorotoluene	ND	1.0	0.18	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.61	1	
Dibromochloromethane	ND	1.0	0.39	1		1,1,2-Trichloroethane	ND	1.0	0.79	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	3.1	1		Trichloroethene	14	1	0.31	1	
1,2-Dibromoethane	ND	1.0	0.41	1		Trichlorofluoromethane	ND	10	0.83	1	
Dibromomethane	ND	1.0	0.82	1		1,2,3-Trichloropropane	ND	5.0	2.8	1	
1,2-Dichlorobenzene	0.21	1.00	0.15	1	J	1,2,4-Trimethylbenzene	ND	1.0	0.13	1	
1,3-Dichlorobenzene	ND	1.0	0.15	1		1,3,5-Trimethylbenzene	ND	1.0	0.86	1	
1,4-Dichlorobenzene	ND	1.0	0.17	1		Vinyl Acetate	ND	10	6.4	1	
Dichlorodifluoromethane	ND	1.0	0.33	1		Vinyl Chloride	2.7	0.5	0.24	1	
1,1-Dichloroethane	ND	1.0	0.25	1		p/m-Xylene	ND	1.0	0.27	1	
1,2-Dichloroethane	ND	0.50	0.25	1		o-Xylene	ND	1.0	0.17	1	
1,1-Dichloroethene	ND	1.0	0.26	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.23	1	
c-1,2-Dichloroethene	31	1	0.63	1		Tert-Butyl Alcohol (TBA)	ND	10	9.2	1	
t-1,2-Dichloroethene	1.6	1.0	0.83	1		Diisopropyl Ether (DIPE)	ND	2.0	0.39	1	
1,2-Dichloropropane	ND	1.0	0.55	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	0.46	1	
1,3-Dichloropropane	ND	1.0	0.28	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	0.50	1	
2,2-Dichloropropane	ND	1.0	0.29	1		Ethanol	ND	100	70	1	
1,1-Dichloropropene	ND	1.0	0.62	1							

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	110	74-140		1,2-Dichloroethane-d4	111	74-146	
Toluene-d8	99	88-112		1,4-Bromofluorobenzene	93	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/22/06
Work Order No: 06-12-1504
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: AmeriPride 10770-003-300

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-9A	**06-12-1504-4**	**12/22/06**	**Aqueous**	**12/27/06**	**12/27/06**	**061227L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	50	7.0	1		c-1,3-Dichloropropene	ND	0.50	0.28	1	
Benzene	ND	0.50	0.19	1		t-1,3-Dichloropropene	ND	0.50	0.26	1	
Bromobenzene	ND	1.0	0.26	1		Ethylbenzene	ND	1.0	0.13	1	
Bromochloromethane	ND	1.0	0.88	1		2-Hexanone	ND	10	3.4	1	
Bromodichloromethane	ND	1.0	0.21	1		Isopropylbenzene	ND	1.0	0.10	1	
Bromoform	ND	1.0	0.87	1		p-Isopropyltoluene	ND	1.0	0.14	1	
Bromomethane	ND	10	3.5	1		Methylene Chloride	ND	10	9.7	1	
2-Butanone	ND	10	8.0	1		4-Methyl-2-Pentanone	ND	10	2.0	1	
n-Butylbenzene	ND	1.0	0.25	1		Naphthalene	ND	10	0.42	1	
sec-Butylbenzene	ND	1.0	0.29	1		n-Propylbenzene	ND	1.0	0.12	1	
tert-Butylbenzene	ND	1.0	0.19	1		Styrene	ND	1.0	0.16	1	
Carbon Disulfide	ND	10	1.8	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.44	1	
Carbon Tetrachloride	ND	0.50	0.29	1		1,1,2,2-Tetrachloroethane	ND	1.0	0.45	1	
Chlorobenzene	ND	1.0	0.16	1		Tetrachloroethene	11	1	0.30	1	
Chloroethane	ND	1.0	0.70	1		Toluene	ND	1.0	0.23	1	
Chloroform	0.54	1.00	0.29	1	J	1,2,3-Trichlorobenzene	ND	1.0	0.26	1	
Chloromethane	ND	10	2.1	1		1,2,4-Trichlorobenzene	ND	1.0	0.29	1	
2-Chlorotoluene	ND	1.0	0.16	1		1,1,1-Trichloroethane	ND	1.0	0.35	1	
4-Chlorotoluene	ND	1.0	0.18	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.61	1	
Dibromochloromethane	ND	1.0	0.39	1		1,1,2-Trichloroethane	ND	1.0	0.79	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	3.1	1		Trichloroethene	11	1	0.31	1	
1,2-Dibromoethane	ND	1.0	0.41	1		Trichlorofluoromethane	ND	10	0.83	1	
Dibromomethane	ND	1.0	0.82	1		1,2,3-Trichloropropane	ND	5.0	2.8	1	
1,2-Dichlorobenzene	ND	1.0	0.15	1		1,2,4-Trimethylbenzene	ND	1.0	0.13	1	
1,3-Dichlorobenzene	ND	1.0	0.15	1		1,3,5-Trimethylbenzene	ND	1.0	0.86	1	
1,4-Dichlorobenzene	ND	1.0	0.17	1		Vinyl Acetate	ND	10	6.4	1	
Dichlorodifluoromethane	ND	1.0	0.33	1		Vinyl Chloride	ND	0.50	0.24	1	
1,1-Dichloroethane	ND	1.0	0.25	1		p/m-Xylene	ND	1.0	0.27	1	
1,2-Dichloroethane	ND	0.50	0.25	1		o-Xylene	ND	1.0	0.17	1	
1,1-Dichloroethene	ND	1.0	0.26	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.23	1	
c-1,2-Dichloroethene	58	1	0.63	1		Tert-Butyl Alcohol (TBA)	ND	10	9.2	1	
t-1,2-Dichloroethene	1.3	1.0	0.83	1		Diisopropyl Ether (DIPE)	ND	2.0	0.39	1	
1,2-Dichloropropane	ND	1.0	0.55	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	0.46	1	
1,3-Dichloropropane	ND	1.0	0.28	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	0.50	1	
2,2-Dichloropropane	ND	1.0	0.29	1		Ethanol	ND	100	70	1	
1,1-Dichloropropene	ND	1.0	0.62	1							

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	122	74-140		1,2-Dichloroethane-d4	120	74-146	
Toluene-d8	101	88-112		1,4-Bromofluorobenzene	83	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/22/06
Work Order No: 06-12-1504
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: AmeriPride 10770-003-300

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-9B	**06-12-1504-5**	**12/22/06**	**Aqueous**	**12/27/06**	**12/27/06**	**061227L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	50	7.0	1		c-1,3-Dichloropropene	ND	0.50	0.28	1	
Benzene	ND	0.50	0.19	1		t-1,3-Dichloropropene	ND	0.50	0.26	1	
Bromobenzene	ND	1.0	0.26	1		Ethylbenzene	ND	1.0	0.13	1	
Bromochloromethane	ND	1.0	0.88	1		2-Hexanone	ND	10	3.4	1	
Bromodichloromethane	ND	1.0	0.21	1		Isopropylbenzene	ND	1.0	0.10	1	
Bromoform	ND	1.0	0.87	1		p-Isopropyltoluene	ND	1.0	0.14	1	
Bromomethane	ND	10	3.5	1		Methylene Chloride	ND	10	9.7	1	
2-Butanone	ND	10	8.0	1		4-Methyl-2-Pentanone	ND	10	2.0	1	
n-Butylbenzene	ND	1.0	0.25	1		Naphthalene	ND	10	0.42	1	
sec-Butylbenzene	ND	1.0	0.29	1		n-Propylbenzene	ND	1.0	0.12	1	
tert-Butylbenzene	ND	1.0	0.19	1		Styrene	ND	1.0	0.16	1	
Carbon Disulfide	ND	10	1.8	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.44	1	
Carbon Tetrachloride	ND	0.50	0.29	1		1,1,2,2-Tetrachloroethane	ND	1.0	0.45	1	
Chlorobenzene	ND	1.0	0.16	1		Tetrachloroethene	1.9	1.0	0.30	1	
Chloroethane	ND	1.0	0.70	1		Toluene	ND	1.0	0.23	1	
Chloroform	ND	1.0	0.29	1		1,2,3-Trichlorobenzene	ND	1.0	0.26	1	
Chloromethane	ND	10	2.1	1		1,2,4-Trichlorobenzene	ND	1.0	0.29	1	
2-Chlorotoluene	ND	1.0	0.16	1		1,1,1-Trichloroethane	ND	1.0	0.35	1	
4-Chlorotoluene	ND	1.0	0.18	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.61	1	
Dibromochloromethane	ND	1.0	0.39	1		1,1,2-Trichloroethane	ND	1.0	0.79	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	3.1	1		Trichloroethene	ND	1.0	0.31	1	
1,2-Dibromoethane	ND	1.0	0.41	1		Trichlorofluoromethane	ND	10	0.83	1	
Dibromomethane	ND	1.0	0.82	1		1,2,3-Trichloropropane	ND	5.0	2.8	1	
1,2-Dichlorobenzene	ND	1.0	0.15	1		1,2,4-Trimethylbenzene	ND	1.0	0.13	1	
1,3-Dichlorobenzene	ND	1.0	0.15	1		1,3,5-Trimethylbenzene	ND	1.0	0.86	1	
1,4-Dichlorobenzene	ND	1.0	0.17	1		Vinyl Acetate	ND	10	6.4	1	
Dichlorodifluoromethane	ND	1.0	0.33	1		Vinyl Chloride	ND	0.50	0.24	1	
1,1-Dichloroethane	ND	1.0	0.25	1		p/m-Xylene	ND	1.0	0.27	1	
1,2-Dichloroethane	ND	0.50	0.25	1		o-Xylene	ND	1.0	0.17	1	
1,1-Dichloroethene	ND	1.0	0.26	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.23	1	
c-1,2-Dichloroethene	ND	1.0	0.63	1		Tert-Butyl Alcohol (TBA)	ND	10	9.2	1	
t-1,2-Dichloroethene	ND	1.0	0.83	1		Diisopropyl Ether (DIPE)	ND	2.0	0.39	1	
1,2-Dichloropropane	ND	1.0	0.55	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	0.46	1	
1,3-Dichloropropane	ND	1.0	0.28	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	0.50	1	
2,2-Dichloropropane	ND	1.0	0.29	1		Ethanol	ND	100	70	1	
1,1-Dichloropropene	ND	1.0	0.62	1							

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	111	74-140		1,2-Dichloroethane-d4	111	74-146	
Toluene-d8	101	88-112		1,4-Bromofluorobenzene	90	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/22/06
Work Order No: 06-12-1504
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: AmeriPride 10770-003-300

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-10A	**06-12-1504-6**	**12/22/06**	**Aqueous**	**12/27/06**	**12/27/06**	**061227L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	100	14	2		c-1,3-Dichloropropene	ND	1.0	0.57	2	
Benzene	ND	1.0	0.38	2		t-1,3-Dichloropropene	ND	1.0	0.51	2	
Bromobenzene	ND	2.0	0.51	2		Ethylbenzene	ND	2.0	0.27	2	
Bromochloromethane	ND	2.0	1.8	2		2-Hexanone	ND	20	6.8	2	
Bromodichloromethane	ND	2.0	0.43	2		Isopropylbenzene	ND	2.0	0.20	2	
Bromoform	ND	2.0	1.7	2		p-Isopropyltoluene	ND	2.0	0.27	2	
Bromomethane	ND	20	7.0	2		Methylene Chloride	ND	20	19	2	
2-Butanone	ND	20	16	2		4-Methyl-2-Pentanone	ND	20	4.1	2	
n-Butylbenzene	ND	2.0	0.49	2		Naphthalene	ND	20	0.84	2	
sec-Butylbenzene	ND	2.0	0.59	2		n-Propylbenzene	ND	2.0	0.25	2	
tert-Butylbenzene	ND	2.0	0.37	2		Styrene	ND	2.0	0.31	2	
Carbon Disulfide	ND	20	3.7	2		1,1,1,2-Tetrachloroethane	ND	2.0	0.89	2	
Carbon Tetrachloride	ND	1.0	0.59	2		1,1,2,2-Tetrachloroethane	ND	2.0	0.90	2	
Chlorobenzene	ND	2.0	0.33	2		Tetrachloroethene	13	2	0.60	2	
Chloroethane	ND	2.0	1.4	2		Toluene	ND	2.0	0.45	2	
Chloroform	ND	2.0	0.59	2		1,2,3-Trichlorobenzene	ND	2.0	0.52	2	
Chloromethane	ND	20	4.1	2		1,2,4-Trichlorobenzene	ND	2.0	0.59	2	
2-Chlorotoluene	ND	2.0	0.31	2		1,1,1-Trichloroethane	ND	2.0	0.69	2	
4-Chlorotoluene	ND	2.0	0.36	2		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	20	1.2	2	
Dibromochloromethane	ND	2.0	0.78	2		1,1,2-Trichloroethane	ND	2.0	1.6	2	
1,2-Dibromo-3-Chloropropane	ND	10	6.3	2		Trichloroethene	8.6	2.0	0.61	2	
1,2-Dibromoethane	ND	2.0	0.82	2		Trichlorofluoromethane	ND	20	1.7	2	
Dibromomethane	ND	2.0	1.6	2		1,2,3-Trichloropropane	ND	10	5.5	2	
1,2-Dichlorobenzene	ND	2.0	0.30	2		1,2,4-Trimethylbenzene	ND	2.0	0.27	2	
1,3-Dichlorobenzene	ND	2.0	0.30	2		1,3,5-Trimethylbenzene	ND	2.0	1.7	2	
1,4-Dichlorobenzene	ND	2.0	0.35	2		Vinyl Acetate	ND	20	13	2	
Dichlorodifluoromethane	ND	2.0	0.65	2		Vinyl Chloride	1.9	1.0	0.48	2	
1,1-Dichloroethane	ND	2.0	0.50	2		p/m-Xylene	ND	2.0	0.55	2	
1,2-Dichloroethane	ND	1.0	0.49	2		o-Xylene	ND	2.0	0.34	2	
1,1-Dichloroethene	ND	2.0	0.51	2		Methyl-t-Butyl Ether (MTBE)	ND	2.0	0.45	2	
c-1,2-Dichloroethene	200	2	1.3	2		Tert-Butyl Alcohol (TBA)	ND	20	18	2	
t-1,2-Dichloroethene	2.5	2.0	1.7	2		Diisopropyl Ether (DIPE)	ND	4.0	0.78	2	
1,2-Dichloropropane	ND	2.0	1.1	2		Ethyl-t-Butyl Ether (ETBE)	ND	4.0	0.92	2	
1,3-Dichloropropane	ND	2.0	0.56	2		Tert-Amyl-Methyl Ether (TAME)	ND	4.0	1.0	2	
2,2-Dichloropropane	ND	2.0	0.58	2		Ethanol	ND	200	140	2	
1,1-Dichloropropene	ND	2.0	1.2	2							

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	109	74-140		1,2-Dichloroethane-d4	109	74-146	
Toluene-d8	101	88-112		1,4-Bromofluorobenzene	93	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/22/06
Work Order No: 06-12-1504
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: AmeriPride 10770-003-300

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-10B	**06-12-1504-7**	**12/22/06**	**Aqueous**	**12/27/06**	**12/27/06**	**061227L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	10	50	7.0	1	J	c-1,3-Dichloropropene	ND	0.50	0.28	1	
Benzene	ND	0.50	0.19	1		t-1,3-Dichloropropene	ND	0.50	0.26	1	
Bromobenzene	ND	1.0	0.26	1		Ethylbenzene	ND	1.0	0.13	1	
Bromochloromethane	ND	1.0	0.88	1		2-Hexanone	ND	10	3.4	1	
Bromodichloromethane	ND	1.0	0.21	1		Isopropylbenzene	ND	1.0	0.10	1	
Bromoform	ND	1.0	0.87	1		p-Isopropyltoluene	ND	1.0	0.14	1	
Bromomethane	ND	10	3.5	1		Methylene Chloride	ND	10	9.7	1	
2-Butanone	ND	10	8.0	1		4-Methyl-2-Pentanone	ND	10	2.0	1	
n-Butylbenzene	ND	1.0	0.25	1		Naphthalene	ND	10	0.42	1	
sec-Butylbenzene	ND	1.0	0.29	1		n-Propylbenzene	ND	1.0	0.12	1	
tert-Butylbenzene	ND	1.0	0.19	1		Styrene	ND	1.0	0.16	1	
Carbon Disulfide	ND	10	1.8	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.44	1	
Carbon Tetrachloride	ND	0.50	0.29	1		1,1,2,2-Tetrachloroethane	ND	1.0	0.45	1	
Chlorobenzene	ND	1.0	0.16	1		Tetrachloroethene	3.7	1.0	0.30	1	
Chloroethane	ND	1.0	0.70	1		Toluene	ND	1.0	0.23	1	
Chloroform	ND	1.0	0.29	1		1,2,3-Trichlorobenzene	ND	1.0	0.26	1	
Chloromethane	ND	10	2.1	1		1,2,4-Trichlorobenzene	ND	1.0	0.29	1	
2-Chlorotoluene	ND	1.0	0.16	1		1,1,1-Trichloroethane	ND	1.0	0.35	1	
4-Chlorotoluene	ND	1.0	0.18	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.61	1	
Dibromochloromethane	ND	1.0	0.39	1		1,1,2-Trichloroethane	ND	1.0	0.79	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	3.1	1		Trichloroethene	3.4	1.0	0.31	1	
1,2-Dibromoethane	ND	1.0	0.41	1		Trichlorofluoromethane	ND	10	0.83	1	
Dibromomethane	ND	1.0	0.82	1		1,2,3-Trichloropropane	ND	5.0	2.8	1	
1,2-Dichlorobenzene	ND	1.0	0.15	1		1,2,4-Trimethylbenzene	ND	1.0	0.13	1	
1,3-Dichlorobenzene	ND	1.0	0.15	1		1,3,5-Trimethylbenzene	ND	1.0	0.86	1	
1,4-Dichlorobenzene	ND	1.0	0.17	1		Vinyl Acetate	ND	10	6.4	1	
Dichlorodifluoromethane	ND	1.0	0.33	1		Vinyl Chloride	ND	0.50	0.24	1	
1,1-Dichloroethane	ND	1.0	0.25	1		p/m-Xylene	ND	1.0	0.27	1	
1,2-Dichloroethane	ND	0.50	0.25	1		o-Xylene	ND	1.0	0.17	1	
1,1-Dichloroethene	ND	1.0	0.26	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.23	1	
c-1,2-Dichloroethene	5.8	1.0	0.63	1		Tert-Butyl Alcohol (TBA)	9.3	10.0	9.2	1	J
t-1,2-Dichloroethene	ND	1.0	0.83	1		Diisopropyl Ether (DIPE)	ND	2.0	0.39	1	
1,2-Dichloropropane	ND	1.0	0.55	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	0.46	1	
1,3-Dichloropropane	ND	1.0	0.28	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	0.50	1	
2,2-Dichloropropane	ND	1.0	0.29	1		Ethanol	ND	100	70	1	
1,1-Dichloropropene	ND	1.0	0.62	1							

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	106	74-140		1,2-Dichloroethane-d4	109	74-146	
Toluene-d8	99	88-112		1,4-Bromofluorobenzene	88	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/22/06
Work Order No: 06-12-1504
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: AmeriPride 10770-003-300

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
K-1	**06-12-1504-8**	**12/22/06**	**Aqueous**	**12/27/06**	**12/27/06**	**061227L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	7.4	50.0	7.0	1	J	c-1,3-Dichloropropene	ND	0.50	0.28	1	
Benzene	ND	0.50	0.19	1		t-1,3-Dichloropropene	ND	0.50	0.26	1	
Bromobenzene	ND	1.0	0.26	1		Ethylbenzene	ND	1.0	0.13	1	
Bromochloromethane	ND	1.0	0.88	1		2-Hexanone	ND	10	3.4	1	
Bromodichloromethane	ND	1.0	0.21	1		Isopropylbenzene	ND	1.0	0.10	1	
Bromoform	ND	1.0	0.87	1		p-Isopropyltoluene	ND	1.0	0.14	1	
Bromomethane	ND	10	3.5	1		Methylene Chloride	ND	10	9.7	1	
2-Butanone	ND	10	8.0	1		4-Methyl-2-Pentanone	ND	10	2.0	1	
n-Butylbenzene	ND	1.0	0.25	1		Naphthalene	ND	10	0.42	1	
sec-Butylbenzene	ND	1.0	0.29	1		n-Propylbenzene	ND	1.0	0.12	1	
tert-Butylbenzene	0.33	1.00	0.19	1	J	Styrene	ND	1.0	0.16	1	
Carbon Disulfide	ND	10	1.8	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.44	1	
Carbon Tetrachloride	ND	0.50	0.29	1		1,1,2,2-Tetrachloroethane	ND	1.0	0.45	1	
Chlorobenzene	ND	1.0	0.16	1		Tetrachloroethene	18	1	0.30	1	
Chloroethane	ND	1.0	0.70	1		Toluene	ND	1.0	0.23	1	
Chloroform	0.37	1.00	0.29	1	J	1,2,3-Trichlorobenzene	ND	1.0	0.26	1	
Chloromethane	ND	10	2.1	1		1,2,4-Trichlorobenzene	ND	1.0	0.29	1	
2-Chlorotoluene	ND	1.0	0.16	1		1,1,1-Trichloroethane	ND	1.0	0.35	1	
4-Chlorotoluene	ND	1.0	0.18	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.61	1	
Dibromochloromethane	ND	1.0	0.39	1		1,1,2-Trichloroethane	ND	1.0	0.79	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	3.1	1		Trichloroethene	23	1	0.31	1	
1,2-Dibromoethane	ND	1.0	0.41	1		Trichlorofluoromethane	ND	10	0.83	1	
Dibromomethane	ND	1.0	0.82	1		1,2,3-Trichloropropane	ND	5.0	2.8	1	
1,2-Dichlorobenzene	ND	1.0	0.15	1		1,2,4-Trimethylbenzene	ND	1.0	0.13	1	
1,3-Dichlorobenzene	ND	1.0	0.15	1		1,3,5-Trimethylbenzene	ND	1.0	0.86	1	
1,4-Dichlorobenzene	ND	1.0	0.17	1		Vinyl Acetate	ND	10	6.4	1	
Dichlorodifluoromethane	ND	1.0	0.33	1		Vinyl Chloride	0.53	0.50	0.24	1	
1,1-Dichloroethane	ND	1.0	0.25	1		p/m-Xylene	ND	1.0	0.27	1	
1,2-Dichloroethane	ND	0.50	0.25	1		o-Xylene	ND	1.0	0.17	1	
1,1-Dichloroethene	ND	1.0	0.26	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.23	1	
c-1,2-Dichloroethene	91	1	0.63	1		Tert-Butyl Alcohol (TBA)	ND	10	9.2	1	
t-1,2-Dichloroethene	3.3	1.0	0.83	1		Diisopropyl Ether (DIPE)	ND	2.0	0.39	1	
1,2-Dichloropropane	ND	1.0	0.55	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	0.46	1	
1,3-Dichloropropane	ND	1.0	0.28	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	0.50	1	
2,2-Dichloropropane	ND	1.0	0.29	1		Ethanol	ND	100	70	1	
1,1-Dichloropropene	ND	1.0	0.62	1							

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	107	74-140		1,2-Dichloroethane-d4	108	74-146	
Toluene-d8	99	88-112		1,4-Bromofluorobenzene	95	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/22/06
Work Order No: 06-12-1504
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: AmeriPride 10770-003-300

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
K-2	**06-12-1504-9**	**12/22/06**	**Aqueous**	**12/27/06**	**12/27/06**	**061227L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	7.5	50.0	7.0	1	J	c-1,3-Dichloropropene	ND	0.50	0.28	1	
Benzene	ND	0.50	0.19	1		t-1,3-Dichloropropene	ND	0.50	0.26	1	
Bromobenzene	ND	1.0	0.26	1		Ethylbenzene	ND	1.0	0.13	1	
Bromochloromethane	ND	1.0	0.88	1		2-Hexanone	ND	10	3.4	1	
Bromodichloromethane	ND	1.0	0.21	1		Isopropylbenzene	ND	1.0	0.10	1	
Bromoform	ND	1.0	0.87	1		p-Isopropyltoluene	ND	1.0	0.14	1	
Bromomethane	ND	10	3.5	1		Methylene Chloride	ND	10	9.7	1	
2-Butanone	ND	10	8.0	1		4-Methyl-2-Pentanone	ND	10	2.0	1	
n-Butylbenzene	ND	1.0	0.25	1		Naphthalene	ND	10	0.42	1	
sec-Butylbenzene	ND	1.0	0.29	1		n-Propylbenzene	ND	1.0	0.12	1	
tert-Butylbenzene	ND	1.0	0.19	1		Styrene	ND	1.0	0.16	1	
Carbon Disulfide	ND	10	1.8	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.44	1	
Carbon Tetrachloride	ND	0.50	0.29	1		1,1,2,2-Tetrachloroethane	ND	1.0	0.45	1	
Chlorobenzene	ND	1.0	0.16	1		Tetrachloroethene	14	1	0.30	1	
Chloroethane	ND	1.0	0.70	1		Toluene	ND	1.0	0.23	1	
Chloroform	0.63	1.00	0.29	1	J	1,2,3-Trichlorobenzene	ND	1.0	0.26	1	
Chloromethane	ND	10	2.1	1		1,2,4-Trichlorobenzene	ND	1.0	0.29	1	
2-Chlorotoluene	ND	1.0	0.16	1		1,1,1-Trichloroethane	ND	1.0	0.35	1	
4-Chlorotoluene	ND	1.0	0.18	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.61	1	
Dibromochloromethane	ND	1.0	0.39	1		1,1,2-Trichloroethane	ND	1.0	0.79	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	3.1	1		Trichloroethene	13	1	0.31	1	
1,2-Dibromoethane	ND	1.0	0.41	1		Trichlorofluoromethane	ND	10	0.83	1	
Dibromomethane	ND	1.0	0.82	1		1,2,3-Trichloropropane	ND	5.0	2.8	1	
1,2-Dichlorobenzene	ND	1.0	0.15	1		1,2,4-Trimethylbenzene	ND	1.0	0.13	1	
1,3-Dichlorobenzene	ND	1.0	0.15	1		1,3,5-Trimethylbenzene	ND	1.0	0.86	1	
1,4-Dichlorobenzene	ND	1.0	0.17	1		Vinyl Acetate	ND	10	6.4	1	
Dichlorodifluoromethane	ND	1.0	0.33	1		Vinyl Chloride	ND	0.50	0.24	1	
1,1-Dichloroethane	ND	1.0	0.25	1		p/m-Xylene	ND	1.0	0.27	1	
1,2-Dichloroethane	ND	0.50	0.25	1		o-Xylene	ND	1.0	0.17	1	
1,1-Dichloroethene	ND	1.0	0.26	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.23	1	
c-1,2-Dichloroethene	9.0	1.0	0.63	1		Tert-Butyl Alcohol (TBA)	ND	10	9.2	1	
t-1,2-Dichloroethene	0.97	1.00	0.83	1	J	Diisopropyl Ether (DIPE)	ND	2.0	0.39	1	
1,2-Dichloropropane	ND	1.0	0.55	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	0.46	1	
1,3-Dichloropropane	ND	1.0	0.28	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	0.50	1	
2,2-Dichloropropane	ND	1.0	0.29	1		Ethanol	ND	100	70	1	
1,1-Dichloropropene	ND	1.0	0.62	1							

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	112	74-140		1,2-Dichloroethane-d4	112	74-146	
Toluene-d8	100	88-112		1,4-Bromofluorobenzene	92	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received:	12/22/06
Work Order No:	06-12-1504
Preparation:	EPA 5030B
Method:	EPA 8260B
Units:	ug/L

Project: AmeriPride 10770-003-300

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-10-006-20,010**	**N/A**	**Aqueous**	**12/27/06**	**12/27/06**	**061227L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	50	7.0	1		c-1,3-Dichloropropene	ND	0.50	0.28	1	
Benzene	ND	0.50	0.19	1		t-1,3-Dichloropropene	ND	0.50	0.26	1	
Bromobenzene	ND	1.0	0.26	1		Ethylbenzene	ND	1.0	0.13	1	
Bromochloromethane	ND	1.0	0.88	1		2-Hexanone	ND	10	3.4	1	
Bromodichloromethane	ND	1.0	0.21	1		Isopropylbenzene	ND	1.0	0.10	1	
Bromoform	ND	1.0	0.87	1		p-Isopropyltoluene	ND	1.0	0.14	1	
Bromomethane	ND	10	3.5	1		Methylene Chloride	ND	10	9.7	1	
2-Butanone	ND	10	8.0	1		4-Methyl-2-Pentanone	ND	10	2.0	1	
n-Butylbenzene	ND	1.0	0.25	1		Naphthalene	ND	10	0.42	1	
sec-Butylbenzene	ND	1.0	0.29	1		n-Propylbenzene	ND	1.0	0.12	1	
tert-Butylbenzene	ND	1.0	0.19	1		Styrene	ND	1.0	0.16	1	
Carbon Disulfide	ND	10	1.8	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.44	1	
Carbon Tetrachloride	ND	0.50	0.29	1		1,1,2,2-Tetrachloroethane	ND	1.0	0.45	1	
Chlorobenzene	ND	1.0	0.16	1		Tetrachloroethene	ND	1.0	0.30	1	
Chloroethane	ND	1.0	0.70	1		Toluene	ND	1.0	0.23	1	
Chloroform	ND	1.0	0.29	1		1,2,3-Trichlorobenzene	ND	1.0	0.26	1	
Chloromethane	ND	10	2.1	1		1,2,4-Trichlorobenzene	ND	1.0	0.29	1	
2-Chlorotoluene	ND	1.0	0.16	1		1,1,1-Trichloroethane	ND	1.0	0.35	1	
4-Chlorotoluene	ND	1.0	0.18	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.61	1	
Dibromochloromethane	ND	1.0	0.39	1		1,1,2-Trichloroethane	ND	1.0	0.79	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	3.1	1		Trichloroethene	ND	1.0	0.31	1	
1,2-Dibromoethane	ND	1.0	0.41	1		Trichlorofluoromethane	ND	10	0.83	1	
Dibromomethane	ND	1.0	0.82	1		1,2,3-Trichloropropane	ND	5.0	2.8	1	
1,2-Dichlorobenzene	ND	1.0	0.15	1		1,2,4-Trimethylbenzene	ND	1.0	0.13	1	
1,3-Dichlorobenzene	ND	1.0	0.15	1		1,3,5-Trimethylbenzene	ND	1.0	0.86	1	
1,4-Dichlorobenzene	ND	1.0	0.17	1		Vinyl Acetate	ND	10	6.4	1	
Dichlorodifluoromethane	ND	1.0	0.33	1		Vinyl Chloride	ND	0.50	0.24	1	
1,1-Dichloroethane	ND	1.0	0.25	1		p/m-Xylene	ND	1.0	0.27	1	
1,2-Dichloroethane	ND	0.50	0.25	1		o-Xylene	ND	1.0	0.17	1	
1,1-Dichloroethene	ND	1.0	0.26	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.23	1	
c-1,2-Dichloroethene	ND	1.0	0.63	1		Tert-Butyl Alcohol (TBA)	ND	10	9.2	1	
t-1,2-Dichloroethene	ND	1.0	0.83	1		Diisopropyl Ether (DIPE)	ND	2.0	0.39	1	
1,2-Dichloropropane	ND	1.0	0.55	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	0.46	1	
1,3-Dichloropropane	ND	1.0	0.28	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	0.50	1	
2,2-Dichloropropane	ND	1.0	0.29	1		Ethanol	ND	100	70	1	
1,1-Dichloropropene	ND	1.0	0.62	1							

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	107	74-140		1,2-Dichloroethane-d4	109	74-146	
Toluene-d8	99	88-112		1,4-Bromofluorobenzene	90	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/22/06
Work Order No: 06-12-1504
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: AmeriPride 10770-003-300

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-10-006-20,024**	**N/A**	**Aqueous**	**12/28/06**	**12/29/06**	**061228L02**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	50	7.0	1		c-1,3-Dichloropropene	ND	0.50	0.28	1	
Benzene	ND	0.50	0.19	1		t-1,3-Dichloropropene	ND	0.50	0.26	1	
Bromobenzene	ND	1.0	0.26	1		Ethylbenzene	ND	1.0	0.13	1	
Bromochloromethane	ND	1.0	0.88	1		2-Hexanone	ND	10	3.4	1	
Bromodichloromethane	ND	1.0	0.21	1		Isopropylbenzene	ND	1.0	0.10	1	
Bromoform	ND	1.0	0.87	1		p-Isopropyltoluene	ND	1.0	0.14	1	
Bromomethane	ND	10	3.5	1		Methylene Chloride	ND	10	9.7	1	
2-Butanone	ND	10	8.0	1		4-Methyl-2-Pentanone	ND	10	2.0	1	
n-Butylbenzene	ND	1.0	0.25	1		Naphthalene	ND	10	0.42	1	
sec-Butylbenzene	ND	1.0	0.29	1		n-Propylbenzene	ND	1.0	0.12	1	
tert-Butylbenzene	ND	1.0	0.19	1		Styrene	ND	1.0	0.16	1	
Carbon Disulfide	ND	10	1.8	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.44	1	
Carbon Tetrachloride	ND	0.50	0.29	1		1,1,2,2-Tetrachloroethane	ND	1.0	0.45	1	
Chlorobenzene	ND	1.0	0.16	1		Tetrachloroethene	ND	1.0	0.30	1	
Chloroethane	ND	1.0	0.70	1		Toluene	ND	1.0	0.23	1	
Chloroform	ND	1.0	0.29	1		1,2,3-Trichlorobenzene	ND	1.0	0.26	1	
Chloromethane	ND	10	2.1	1		1,2,4-Trichlorobenzene	ND	1.0	0.29	1	
2-Chlorotoluene	ND	1.0	0.16	1		1,1,1-Trichloroethane	ND	1.0	0.35	1	
4-Chlorotoluene	ND	1.0	0.18	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.61	1	
Dibromochloromethane	ND	1.0	0.39	1		1,1,2-Trichloroethane	ND	1.0	0.79	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	3.1	1		Trichloroethene	ND	1.0	0.31	1	
1,2-Dibromoethane	ND	1.0	0.41	1		Trichlorofluoromethane	ND	10	0.83	1	
Dibromomethane	ND	1.0	0.82	1		1,2,3-Trichloropropane	ND	5.0	2.8	1	
1,2-Dichlorobenzene	ND	1.0	0.15	1		1,2,4-Trimethylbenzene	ND	1.0	0.13	1	
1,3-Dichlorobenzene	ND	1.0	0.15	1		1,3,5-Trimethylbenzene	ND	1.0	0.86	1	
1,4-Dichlorobenzene	ND	1.0	0.17	1		Vinyl Acetate	ND	10	6.4	1	
Dichlorodifluoromethane	ND	1.0	0.33	1		Vinyl Chloride	ND	0.50	0.24	1	
1,1-Dichloroethane	ND	1.0	0.25	1		p/m-Xylene	ND	1.0	0.27	1	
1,2-Dichloroethane	ND	0.50	0.25	1		o-Xylene	ND	1.0	0.17	1	
1,1-Dichloroethene	ND	1.0	0.26	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.23	1	
c-1,2-Dichloroethene	ND	1.0	0.63	1		Tert-Butyl Alcohol (TBA)	ND	10	9.2	1	
t-1,2-Dichloroethene	ND	1.0	0.83	1		Diisopropyl Ether (DIPE)	ND	2.0	0.39	1	
1,2-Dichloropropane	ND	1.0	0.55	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	0.46	1	
1,3-Dichloropropane	ND	1.0	0.28	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	0.50	1	
2,2-Dichloropropane	ND	1.0	0.29	1		Ethanol	ND	100	70	1	
1,1-Dichloropropene	ND	1.0	0.62	1							

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	113	74-140		1,2-Dichloroethane-d4	113	74-146	
Toluene-d8	101	88-112		1,4-Bromofluorobenzene	89	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/22/06
Work Order No: 06-12-1504
Preparation: N/A
Method: EPA 300.0

Project AmeriPride 10770-003-300

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
06-12-1372-3	**Aqueous**	**IC 2**	**N/A**	**12/22/06**	**061222S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Nitrite (as N)	94	95	68-122	1	0-8	
Nitrate (as N)	95	96	58-142	0	0-6	
Sulfate	104	105	49-133	0	0-3	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/22/06
Work Order No: 06-12-1504
Preparation: N/A
Method: SM3500-FeD

Project AmeriPride 10770-003-300

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
MW-10B	**Aqueous**	**UV 2**	**12/22/06**	**12/22/06**	**61222FES1**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Iron (II)	92	101	70-130	9	0-25	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/22/06
Work Order No: 06-12-1504
Preparation: EPA 5030B
Method: EPA 8015B (M)

Project AmeriPride 10770-003-300

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
MW-2	**Aqueous**	**GC 4**	**12/23/06**	**12/23/06**	**061223S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	92	89	68-122	3	0-18	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/22/06
Work Order No: 06-12-1504
Preparation: EPA 5030B
Method: EPA 8260B

Project AmeriPride 10770-003-300

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
MW-2	**Aqueous**	**GC/MS JJ**	**12/27/06**	**12/27/06**	**061227S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	101	101	88-118	0	0-7	
Carbon Tetrachloride	110	109	67-145	1	0-11	
Chlorobenzene	101	99	88-118	2	0-7	
1,2-Dichlorobenzene	98	95	86-116	3	0-8	
1,1-Dichloroethene	100	100	70-130	1	0-25	
Toluene	98	97	87-123	1	0-8	
Trichloroethene	102	101	79-127	0	0-10	
Vinyl Chloride	100	100	69-129	1	0-13	
Methyl-t-Butyl Ether (MTBE)	102	104	71-131	2	0-13	
Tert-Butyl Alcohol (TBA)	106	109	36-168	2	0-45	
Diisopropyl Ether (DIPE)	104	104	81-123	0	0-9	
Ethyl-t-Butyl Ether (ETBE)	101	99	72-126	2	0-12	
Tert-Amyl-Methyl Ether (TAME)	100	101	72-126	1	0-12	
Ethanol	122	118	53-149	3	0-31	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/22/06
Work Order No: 06-12-1504
Preparation: EPA 5030B
Method: EPA 8260B

Project AmeriPride 10770-003-300

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
06-12-1648-1	**Aqueous**	**GC/MS JJ**	**12/28/06**	**12/29/06**	**061228S02**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	98	98	88-118	1	0-7	
Carbon Tetrachloride	112	115	67-145	2	0-11	
Chlorobenzene	92	95	88-118	3	0-7	
1,2-Dichlorobenzene	86	90	86-116	5	0-8	
1,1-Dichloroethene	102	107	70-130	5	0-25	
Toluene	94	97	87-123	3	0-8	
Trichloroethene	95	97	79-127	3	0-10	
Vinyl Chloride	106	122	69-129	14	0-13	4
Methyl-t-Butyl Ether (MTBE)	96	90	71-131	7	0-13	
Tert-Butyl Alcohol (TBA)	120	78	36-168	37	0-45	
Diisopropyl Ether (DIPE)	97	106	81-123	4	0-9	
Ethyl-t-Butyl Ether (ETBE)	87	88	72-126	1	0-12	
Tert-Amyl-Methyl Ether (TAME)	86	85	72-126	2	0-12	
Ethanol	135	105	53-149	26	0-31	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: N/A
Work Order No: 06-12-1504
Preparation: N/A
Method: RSK-175M

Project: AmeriPride 10770-003-300

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-010-1,612	**Aqueous**	**GC 33**	**N/A**	**12/23/06**	**061223L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Methane	98	94	79-109	5	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International	Date Received:	N/A
999 W. Town and Country Rd, 4th	Work Order No:	06-12-1504
Orange, CA 92868-4713	Preparation:	N/A
	Method:	EPA 300.0

Project: AmeriPride 10770-003-300

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-05-118-3,721	**Aqueous**	**IC 2**	**N/A**	**12/22/06**	**061222L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Nitrite (as N)	96	96	73-115	1	0-26	
Nitrate (as N)	96	96	87-111	0	0-12	
Sulfate	103	103	89-107	0	0-13	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Laboratory Control Sample

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International		Date Received:	N/A
999 W. Town and Country Rd, 4th		Work Order No:	06-12-1504
Orange, CA 92868-4713		Preparation:	N/A
		Method:	SM3500-FeD

Project: AmeriPride 10770-003-300

Quality Control Sample ID	Matrix	Instrument	Date Analyzed	Lab File ID	LCS Batch Number
099-05-111-2,418	**Aqueous**	**UV 2**	**12/22/06**	**NONE**	**61222FEL1**

Parameter	Conc Added	Conc Recovered	LCS %Rec	%Rec CL	Qualifiers
Iron (II)	1.0	0.96	96	80-120	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International	Date Received:	N/A
999 W. Town and Country Rd, 4th	Work Order No:	06-12-1504
Orange, CA 92868-4713	Preparation:	EPA 3510C
	Method:	EPA 8015B (M)

Project: AmeriPride 10770-003-300

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-308-124	**Aqueous**	**GC 23**	**12/28/06**	**12/28/06**	**061228B02**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Diesel	99	102	75-117	3	0-13	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: N/A
Work Order No: 06-12-1504
Preparation: EPA 5030B
Method: EPA 8015B (M)

Project: AmeriPride 10770-003-300

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-436-105	**Aqueous**	**GC 4**	**12/23/06**	**12/23/06**	**061223B01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	92	92	78-120	0	0-10	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International	Date Received:	N/A
999 W. Town and Country Rd, 4th	Work Order No:	06-12-1504
Orange, CA 92868-4713	Preparation:	EPA 5030B
	Method:	EPA 8260B

Project: AmeriPride 10770-003-300

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-10-006-20,010	**Aqueous**	**GC/MS JJ**	**12/27/06**	**12/27/06**	**061227L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	102	98	84-120	4	0-8	
Carbon Tetrachloride	111	108	63-147	2	0-10	
Chlorobenzene	100	98	89-119	3	0-7	
1,2-Dichlorobenzene	99	97	89-119	2	0-9	
1,1-Dichloroethene	98	97	77-125	2	0-16	
Toluene	100	97	83-125	3	0-9	
Trichloroethene	102	99	89-119	2	0-8	
Vinyl Chloride	98	99	63-135	0	0-13	
Methyl-t-Butyl Ether (MTBE)	106	103	82-118	3	0-13	
Tert-Butyl Alcohol (TBA)	105	100	46-154	5	0-32	
Diisopropyl Ether (DIPE)	106	101	81-123	5	0-11	
Ethyl-t-Butyl Ether (ETBE)	105	100	74-122	5	0-12	
Tert-Amyl-Methyl Ether (TAME)	105	101	76-124	5	0-10	
Ethanol	103	101	60-138	1	0-32	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: N/A
Work Order No: 06-12-1504
Preparation: EPA 5030B
Method: EPA 8260B

Project: AmeriPride 10770-003-300

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-10-006-20,024	**Aqueous**	**GC/MS JJ**	**12/28/06**	**12/28/06**	**061228L02**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	100	100	84-120	0	0-8	
Carbon Tetrachloride	109	110	63-147	1	0-10	
Chlorobenzene	98	95	89-119	3	0-7	
1,2-Dichlorobenzene	93	92	89-119	1	0-9	
1,1-Dichloroethene	103	103	77-125	0	0-16	
Toluene	98	96	83-125	2	0-9	
Trichloroethene	98	99	89-119	1	0-8	
Vinyl Chloride	105	100	63-135	5	0-13	
Methyl-t-Butyl Ether (MTBE)	99	100	82-118	1	0-13	
Tert-Butyl Alcohol (TBA)	98	92	46-154	7	0-32	
Diisopropyl Ether (DIPE)	104	104	81-123	1	0-11	
Ethyl-t-Butyl Ether (ETBE)	96	96	74-122	0	0-12	
Tert-Amyl-Methyl Ether (TAME)	94	95	76-124	1	0-10	
Ethanol	126	112	60-138	11	0-32	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 06-12-1504

Qualifier	Definition
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike or Matrix Spike Duplicate compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

Calscience Environmental Laboratories, Inc.
7440 LINCOLN WAY
GARDEN GROVE, CA 92841-1432
TEL: (714) 895-5494 . FAX: (714) 894-7501

CHAIN OF CUSTODY RECORD

DATE:

PAGE: 1 OF 2

LABORATORY CLIENT: ENSR

ADDRESS: 999 West Town and Country Road, 4th Floor

CITY: Orange, CA 92868

TEL: 714-973-9740 FAX: 714-973-9750 E-MAIL: jotter@ensr.aecom.com

CLIENT PROJECT NAME / NUMBER: AmeriPride 10770-003-300

PROJECT CONTACT: Jeff Otter

SAMPLER(S): (SIGNATURE)

P.O. NO.:

QUOTE NO.:

LAB USE ONLY: 12-1504

TURNAROUND TIME

☐ SAME DAY ☐ 24 HR ☐ 48HR ☐ 72 HR ☒ Normal

SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY)

☐ RWQCB REPORTING ☐ ARCHIVE SAMPLES UNTIL ___/___/___

SPECIAL INSTRUCTIONS

REQUESTED ANALYSIS

LAB USE ONLY	SAMPLE ID	LOCATION/ DESCRIPTION	SAMPLING DATE	SAMPLING TIME	Matrix	#Cont	8260B (Full Scan & Oxygenates)	8015M (TPH-g)	8015M (TPH-D)	Ferrous Iron	Sulfate	Nitrate	Nitrite	Methane	8270M (1,4-Dioxane)
1	TB-(12/22/06)	Trip Blank	Lab Prepared		H_2O	3	X								
2	MW-2	Standard Sample	12/22/06	0920	H_2O	6	X	X							
	~~MW-3~~	~~Standard Sample~~			~~H2O~~	~~11~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	
3	MW-7	Standard Sample	12/22	1015	H2O	7	X	X	X						
	~~MW-8A~~	~~Standard Sample~~			~~H2O~~	~~8~~	~~X~~	~~X~~		~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	
4	MW-9A	Standard Sample	12/22	1245	H2O	6	X	X	X						
5	MW-9B	Standard Sample		1230	H2O	6	X	X	X						
6	MW-10A	Standard Sample		1300	H2O	10	X	X	X	X	X	X	X	X	
7	MW-10B	Standard Sample		1330	H2O	10	X	X	X	X	X	X	X	X	
	~~DUP-1~~	~~Field Duplicate~~			~~H2O~~	~~8~~	~~X~~								

Relinquished by: (Signature)	Received by: (Signature)	Date: 12/22/06	Time: 1501
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

Calscience Environmental Laboratories, Inc.
7440 LINCOLN WAY
GARDEN GROVE, CA 92841-1432
TEL: (714) 895-5494 . FAX: (714) 894-7501

CHAIN OF CUSTODY RECORD

DATE:

PAGE: 2 OF 2

LABORATORY CLIENT: ENSR

ADDRESS: 999 West Town and Country Road, 4th Floor

CITY: Orange, CA 92868

TEL: 714-973-9740 | FAX: 714-973-9750 | E-MAIL: jotter@ensr.aecom.com

CLIENT PROJECT NAME / NUMBER: AmeriPride 10770-003-300

PROJECT CONTACT: Jeff Otter

SAMPLER(S): (SIGNATURE)

P.O. NO.:

QUOTE NO.:

LAB USE ONLY: 12-1504

TURNAROUND TIME

☐ SAME DAY ☐ 24 HR ☐ 48HR ☐ 72 HR ☒ Normal

SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY)

☐ RWQCB REPORTING ☐ ARCHIVE SAMPLES UNTIL ___/___/___

SPECIAL INSTRUCTIONS

REQUESTED ANALYSIS

LAB USE ONLY	SAMPLE ID	LOCATION/ DESCRIPTION	SAMPLING DATE	SAMPLING TIME	Matrix	#Cont	8260B (Full Scan & Oxygenates)	8015M (TPH-g)	8015M (TPH-D)	Ferrous Iron	Sulfate	Nitrate	Nitrite	Methane	8270M (1,4-Dioxane)
	~~MW-13A~~	~~Standard Sample~~			~~H_2O~~	~~11~~	~~X~~	~~X~~		~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	
	~~MW-13B~~	~~Standard Sample~~			~~H_2O~~	11	X	X		X	X	X	X	X	
	~~MW-14~~	~~Standard Sample~~			~~H2O~~	~~8~~	~~X~~	~~X~~							
	~~MW-15~~	~~Standard Sample~~			~~H2O~~	11	X	X		X	X	X	X	X	
	~~MW-16A~~	~~Standard Sample~~			~~H2O~~	11	X	X	X	X	X	X	X	X	
	~~MW-16B~~	~~Standard Sample~~			~~H2O~~	11	X	X	X	X	X	X	X	X	
	~~MW-16C~~	~~Standard Sample~~			~~H2O~~	11	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	
8	K-1	Standard Sample	12/22	1120	H2O	8	X	X	X						
9	K-2	Standard Sample	12/22	1100	H2O	8	X	X							
	~~DUP-2~~	~~Field Duplicate~~		~~1120~~	~~H_2O~~	11	X								

Relinquished by: (Signature)	Received by: (Signature)	Date: 12/22/06	Time: 15:01
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 06 - 12-1504

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: EASR DATE: 12/22/06

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

_____ Chilled, cooler with temperature blank provided.
_____ Chilled, cooler without temperature blank.
_____ Chilled and placed in cooler with wet ice.
_____ Ambient and placed in cooler with wet ice.
_____ Ambient temperature.
_____ °C Temperature blank.

LABORATORY (Other than Calscience Courier):

2.0 °C Temperature blank.
_____ °C IR thermometer.
_____ Ambient temperature.

Initial: MT

CUSTODY SEAL INTACT:

Sample(s): _____ Cooler: _____ No (Not Intact) : _____ Not Applicable (N/A): ✓

Initial: MT

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples	✓		
Sampler's name indicated on COC		✓	
Sample container label(s) consistent with custody papers	✓		
Sample container(s) intact and good condition	✓		
Correct containers and volume for analyses requested	✓		
Proper preservation noted on sample label(s)	✓		
VOA vial(s) free of headspace	✓		
Tedlar bag(s) free of condensation			✓

Initial: MT

COMMENTS:

Calscience
Environmental
Laboratories, Inc.

January 08, 2007

Jeff Otter
ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Subject: **Calscience Work Order No.: 06-12-1673**
Client Reference: AmeriPride 10770-003-300

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 12/28/2006 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of subcontracted analysis, if any, is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

Cecile deGuia

Calscience Environmental
Laboratories, Inc.
Cecile deGuia
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/28/06
Work Order No: 06-12-1673
Preparation: N/A
Method: RSK-175M

Project: AmeriPride 10770-003-300

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-3	**06-12-1673-2**	**12/28/06**	**Aqueous**	**N/A**	**12/28/06**	**061228L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
Methane	0.0700	1.0000	0.00784	1	J	ug/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-16A	**06-12-1673-3**	**12/28/06**	**Aqueous**	**N/A**	**12/28/06**	**061228L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
Methane	0.360	1.000	0.00784	1	J	ug/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-16B	**06-12-1673-4**	**12/28/06**	**Aqueous**	**N/A**	**12/28/06**	**061228L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
Methane	0.0200	1.0000	0.00784	1	J	ug/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-16C	**06-12-1673-5**	**12/28/06**	**Aqueous**	**N/A**	**12/28/06**	**061228L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
Methane	0.0500	1.0000	0.00784	1	J	ug/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-12-010-1,614**	**N/A**	**Aqueous**	**N/A**	**12/28/06**	**061228L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
Methane	ND	1.00	0.00784	1		ug/L

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/28/06
Work Order No: 06-12-1673
Preparation: N/A
Method: EPA 300.0
Units: mg/L

Project: AmeriPride 10770-003-300

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-3	**06-12-1673-2**	**12/28/06**	**Aqueous**	**N/A**	**12/28/06**	**061228L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Nitrite (as N)	ND	0.10	0.015	1		Sulfate	310	50	3.4	50	
Nitrate (as N)	9.3	0.5	0.14	5							

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-16A	**06-12-1673-3**	**12/28/06**	**Aqueous**	**N/A**	**12/28/06**	**061228L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Nitrite (as N)	ND	0.10	0.015	1		Sulfate	240	50		50	
Nitrate (as N)	ND	0.10	0.028	1							

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-16B	**06-12-1673-4**	**12/28/06**	**Aqueous**	**N/A**	**12/28/06**	**061228L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Nitrite (as N)	ND	0.10	0.015	1		Sulfate	260	50	3.4	50	
Nitrate (as N)	7.9	0.2	0.055	2							

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-16C	**06-12-1673-5**	**12/28/06**	**Aqueous**	**N/A**	**12/28/06**	**061228L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Nitrite (as N)	ND	0.10	0.015	1		Sulfate	420	100	6.9	100	
Nitrate (as N)	1.1	0.1	0.028	1							

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-05-118-3,727**	**N/A**	**Aqueous**	**N/A**	**12/28/06**	**061228L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Nitrite (as N)	ND	0.10	0.015	1		Sulfate	ND	1.0	0.069	1	
Nitrate (as N)	ND	0.10	0.028	1							

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/28/06
Work Order No: 06-12-1673
Preparation: N/A
Method: SM3500-FeD

Project: AmeriPride 10770-003-300

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-3	**06-12-1673-2**	**12/28/06**	**Aqueous**	**12/28/06**	**12/28/06**	**61228FEL1**

Parameter	Result	RL	DF	Qual	Units
Iron (II)	ND	0.10	1		mg/L

MW-16A	**06-12-1673-3**	**12/28/06**	**Aqueous**	**12/28/06**	**12/28/06**	**61228FEL1**

Parameter	Result	RL	DF	Qual	Units
Iron (II)	ND	0.10	1		mg/L

MW-16B	**06-12-1673-4**	**12/28/06**	**Aqueous**	**12/28/06**	**12/28/06**	**61228FEL1**

Parameter	Result	RL	DF	Qual	Units
Iron (II)	ND	0.10	1		mg/L

MW-16C	**06-12-1673-5**	**12/28/06**	**Aqueous**	**12/28/06**	**12/28/06**	**61228FEL1**

Parameter	Result	RL	DF	Qual	Units
Iron (II)	ND	0.10	1		mg/L

Method Blank	**099-05-111-2,420**	**N/A**	**Aqueous**	**12/28/06**	**12/28/06**	**61228FEL1**

Parameter	Result	RL	DF	Qual	Units
Iron (II)	ND	0.10	1		mg/L

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/28/06
Work Order No: 06-12-1673
Preparation: EPA 3510C
Method: EPA 8015B (M)

Project: AmeriPride 10770-003-300

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-3	**06-12-1673-2**	**12/28/06**	**Aqueous**	**12/28/06**	**12/29/06**	**061228B10**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Diesel	ND	500	480	1		ug/L
Surrogates:	REC (%)	Control Limits			Qual	
Decachlorobiphenyl	114	68-140				

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-16A	**06-12-1673-3**	**12/28/06**	**Aqueous**	**12/28/06**	**12/29/06**	**061228B10**

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Diesel	540	500	480	1		ug/L
Surrogates:	REC (%)	Control Limits			Qual	
Decachlorobiphenyl	111	68-140				

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-16B	**06-12-1673-4**	**12/28/06**	**Aqueous**	**12/28/06**	**12/29/06**	**061228B10**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Diesel	ND	500	480	1		ug/L
Surrogates:	REC (%)	Control Limits			Qual	
Decachlorobiphenyl	123	68-140				

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-16C	**06-12-1673-5**	**12/28/06**	**Aqueous**	**12/28/06**	**12/29/06**	**061228B10**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Diesel	ND	500	480	1		ug/L
Surrogates:	REC (%)	Control Limits			Qual	
Decachlorobiphenyl	110	68-140				

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-12-308-126**	**N/A**	**Aqueous**	**12/28/06**	**12/29/06**	**061228B10**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Diesel	ND	500	480	1		ug/L
Surrogates:	REC (%)	Control Limits			Qual	
Decachlorobiphenyl	107	68-140				

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/28/06
Work Order No: 06-12-1673
Preparation: EPA 5030B
Method: EPA 8015B (M)

Project: AmeriPride 10770-003-300

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-3	**06-12-1673-2**	**12/28/06**	**Aqueous**	**12/28/06**	**12/28/06**	**061228B01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	ND	50	48	1		ug/L
Surrogates:	**REC (%)**	**Control Limits**			**Qual**	
1,4-Bromofluorobenzene	94	38-134				

MW-16A	**06-12-1673-3**	**12/28/06**	**Aqueous**	**12/28/06**	**12/28/06**	**061228B01**

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	1100	50	48	1		ug/L
Surrogates:	**REC (%)**	**Control Limits**			**Qual**	
1,4-Bromofluorobenzene	113	38-134				

MW-16B	**06-12-1673-4**	**12/28/06**	**Aqueous**	**12/28/06**	**12/28/06**	**061228B01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	ND	50	48	1		ug/L
Surrogates:	**REC (%)**	**Control Limits**			**Qual**	
1,4-Bromofluorobenzene	85	38-134				

MW-16C	**06-12-1673-5**	**12/28/06**	**Aqueous**	**12/28/06**	**12/28/06**	**061228B01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	ND	50	48	1		ug/L
Surrogates:	**REC (%)**	**Control Limits**			**Qual**	
1,4-Bromofluorobenzene	85	38-134				

Method Blank	**099-12-436-108**	**N/A**	**Aqueous**	**12/28/06**	**12/28/06**	**061228B01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	ND	50	48	1		ug/L
Surrogates:	**REC (%)**	**Control Limits**			**Qual**	
1,4-Bromofluorobenzene	89	38-134				

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/28/06
Work Order No: 06-12-1673
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: AmeriPride 10770-003-300

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
DUP-2	**06-12-1673-1**	**12/28/06**	**Aqueous**	**01/03/07**	**01/03/07**	**070103L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	7.5	50.0	7.0	1	J	c-1,3-Dichloropropene	ND	0.50	0.28	1	
Benzene	ND	0.50	0.19	1		t-1,3-Dichloropropene	ND	0.50	0.26	1	
Bromobenzene	ND	1.0	0.26	1		Ethylbenzene	ND	1.0	0.13	1	
Bromochloromethane	ND	1.0	0.88	1		2-Hexanone	ND	10	3.4	1	
Bromodichloromethane	ND	1.0	0.21	1		Isopropylbenzene	ND	1.0	0.10	1	
Bromoform	ND	1.0	0.87	1		p-Isopropyltoluene	ND	1.0	0.14	1	
Bromomethane	ND	10	3.5	1		Methylene Chloride	ND	10	9.7	1	
2-Butanone	ND	10	8.0	1		4-Methyl-2-Pentanone	ND	10	2.0	1	
n-Butylbenzene	ND	1.0	0.25	1		Naphthalene	ND	10	0.42	1	
sec-Butylbenzene	ND	1.0	0.29	1		n-Propylbenzene	ND	1.0	0.12	1	
tert-Butylbenzene	ND	1.0	0.19	1		Styrene	ND	1.0	0.16	1	
Carbon Disulfide	ND	10	1.8	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.44	1	
Carbon Tetrachloride	ND	0.50	0.29	1		1,1,2,2-Tetrachloroethane	ND	1.0	0.45	1	
Chlorobenzene	ND	1.0	0.16	1		Tetrachloroethene	75	1	0.30	1	
Chloroethane	ND	1.0	0.70	1		Toluene	0.26	1.00	0.23	1	J,B
Chloroform	1.1	1.0	0.29	1		1,2,3-Trichlorobenzene	ND	1.0	0.26	1	
Chloromethane	ND	10	2.1	1		1,2,4-Trichlorobenzene	ND	1.0	0.29	1	
2-Chlorotoluene	ND	1.0	0.16	1		1,1,1-Trichloroethane	ND	1.0	0.35	1	
4-Chlorotoluene	ND	1.0	0.18	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.61	1	
Dibromochloromethane	ND	1.0	0.39	1		1,1,2-Trichloroethane	ND	1.0	0.79	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	3.1	1		Trichloroethene	37	1	0.31	1	
1,2-Dibromoethane	ND	1.0	0.41	1		Trichlorofluoromethane	ND	10	0.83	1	
Dibromomethane	ND	1.0	0.82	1		1,2,3-Trichloropropane	ND	5.0	2.8	1	
1,2-Dichlorobenzene	ND	1.0	0.15	1		1,2,4-Trimethylbenzene	ND	1.0	0.13	1	
1,3-Dichlorobenzene	ND	1.0	0.15	1		1,3,5-Trimethylbenzene	ND	1.0	0.86	1	
1,4-Dichlorobenzene	ND	1.0	0.17	1		Vinyl Acetate	ND	10	6.4	1	
Dichlorodifluoromethane	ND	1.0	0.33	1		Vinyl Chloride	ND	0.50	0.24	1	
1,1-Dichloroethane	ND	1.0	0.25	1		p/m-Xylene	ND	1.0	0.27	1	
1,2-Dichloroethane	ND	0.50	0.25	1		o-Xylene	ND	1.0	0.17	1	
1,1-Dichloroethene	ND	1.0	0.26	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.23	1	
c-1,2-Dichloroethene	28	1	0.63	1		Tert-Butyl Alcohol (TBA)	ND	10	9.2	1	
t-1,2-Dichloroethene	2.6	1.0	0.83	1		Diisopropyl Ether (DIPE)	ND	2.0	0.39	1	
1,2-Dichloropropane	ND	1.0	0.55	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	0.46	1	
1,3-Dichloropropane	ND	1.0	0.28	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	0.50	1	
2,2-Dichloropropane	ND	1.0	0.29	1		Ethanol	ND	100	70	1	
1,1-Dichloropropene	ND	1.0	0.62	1							

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	105	74-140		1,2-Dichloroethane-d4	108	74-146	
Toluene-d8	101	88-112		1,4-Bromofluorobenzene	98	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received:	12/28/06
Work Order No:	06-12-1673
Preparation:	EPA 5030B
Method:	EPA 8260B
Units:	ug/L

Project: AmeriPride 10770-003-300

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-3	**06-12-1673-2**	**12/28/06**	**Aqueous**	**01/02/07**	**01/02/07**	**070102L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	50	7.0	1		c-1,3-Dichloropropene	ND	0.50	0.28	1	
Benzene	ND	0.50	0.19	1		t-1,3-Dichloropropene	ND	0.50	0.26	1	
Bromobenzene	ND	1.0	0.26	1		Ethylbenzene	ND	1.0	0.13	1	
Bromochloromethane	ND	1.0	0.88	1		2-Hexanone	ND	10	3.4	1	
Bromodichloromethane	ND	1.0	0.21	1		Isopropylbenzene	ND	1.0	0.10	1	
Bromoform	ND	1.0	0.87	1		p-Isopropyltoluene	ND	1.0	0.14	1	
Bromomethane	ND	10	3.5	1		Methylene Chloride	ND	10	9.7	1	
2-Butanone	ND	10	8.0	1		4-Methyl-2-Pentanone	ND	10	2.0	1	
n-Butylbenzene	ND	1.0	0.25	1		Naphthalene	ND	10	0.42	1	
sec-Butylbenzene	ND	1.0	0.29	1		n-Propylbenzene	ND	1.0	0.12	1	
tert-Butylbenzene	ND	1.0	0.19	1		Styrene	ND	1.0	0.16	1	
Carbon Disulfide	ND	10	1.8	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.44	1	
Carbon Tetrachloride	ND	0.50	0.29	1		1,1,2,2-Tetrachloroethane	ND	1.0	0.45	1	
Chlorobenzene	ND	1.0	0.16	1		Tetrachloroethene	83	1	0.30	1	
Chloroethane	ND	1.0	0.70	1		Toluene	ND	1.0	0.23	1	
Chloroform	0.98	1.00	0.29	1	J	1,2,3-Trichlorobenzene	ND	1.0	0.26	1	
Chloromethane	ND	10	2.1	1		1,2,4-Trichlorobenzene	ND	1.0	0.29	1	
2-Chlorotoluene	ND	1.0	0.16	1		1,1,1-Trichloroethane	ND	1.0	0.35	1	
4-Chlorotoluene	ND	1.0	0.18	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.61	1	
Dibromochloromethane	ND	1.0	0.39	1		1,1,2-Trichloroethane	ND	1.0	0.79	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	3.1	1		Trichloroethene	31	1	0.31	1	
1,2-Dibromoethane	ND	1.0	0.41	1		Trichlorofluoromethane	ND	10	0.83	1	
Dibromomethane	ND	1.0	0.82	1		1,2,3-Trichloropropane	ND	5.0	2.8	1	
1,2-Dichlorobenzene	ND	1.0	0.15	1		1,2,4-Trimethylbenzene	ND	1.0	0.13	1	
1,3-Dichlorobenzene	ND	1.0	0.15	1		1,3,5-Trimethylbenzene	ND	1.0	0.86	1	
1,4-Dichlorobenzene	ND	1.0	0.17	1		Vinyl Acetate	ND	10	6.4	1	
Dichlorodifluoromethane	ND	1.0	0.33	1		Vinyl Chloride	ND	0.50	0.24	1	
1,1-Dichloroethane	ND	1.0	0.25	1		p/m-Xylene	ND	1.0	0.27	1	
1,2-Dichloroethane	ND	0.50	0.25	1		o-Xylene	ND	1.0	0.17	1	
1,1-Dichloroethene	ND	1.0	0.26	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.23	1	
c-1,2-Dichloroethene	23	1	0.63	1		Tert-Butyl Alcohol (TBA)	ND	10	9.2	1	
t-1,2-Dichloroethene	2.2	1.0	0.83	1		Diisopropyl Ether (DIPE)	ND	2.0	0.39	1	
1,2-Dichloropropane	ND	1.0	0.55	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	0.46	1	
1,3-Dichloropropane	ND	1.0	0.28	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	0.50	1	
2,2-Dichloropropane	ND	1.0	0.29	1		Ethanol	ND	100	70	1	
1,1-Dichloropropene	ND	1.0	0.62	1							

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	104	74-140		1,2-Dichloroethane-d4	109	74-146	
Toluene-d8	102	88-112		1,4-Bromofluorobenzene	101	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/28/06
Work Order No: 06-12-1673
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: AmeriPride 10770-003-300

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-16A	**06-12-1673-3**	**12/28/06**	**Aqueous**	**01/03/07**	**01/03/07**	**070103L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	500	70	10		c-1,3-Dichloropropene	ND	5.0	2.8	10	
Benzene	ND	5.0	1.9	10		t-1,3-Dichloropropene	ND	5.0	2.6	10	
Bromobenzene	ND	10	2.6	10		Ethylbenzene	ND	10	1.3	10	
Bromochloromethane	ND	10	8.8	10		2-Hexanone	ND	100	34	10	
Bromodichloromethane	ND	10	2.1	10		Isopropylbenzene	ND	10	1.0	10	
Bromoform	ND	10	8.7	10		p-Isopropyltoluene	ND	10	1.4	10	
Bromomethane	ND	100	35	10		Methylene Chloride	ND	100	97	10	
2-Butanone	ND	100	80	10		4-Methyl-2-Pentanone	ND	100	20	10	
n-Butylbenzene	ND	10	2.5	10		Naphthalene	ND	100	4.2	10	
sec-Butylbenzene	ND	10	2.9	10		n-Propylbenzene	ND	10	1.2	10	
tert-Butylbenzene	ND	10	1.9	10		Styrene	ND	10	1.6	10	
Carbon Disulfide	ND	100	18	10		1,1,1,2-Tetrachloroethane	ND	10	4.4	10	
Carbon Tetrachloride	ND	5.0	2.9	10		1,1,2,2-Tetrachloroethane	ND	10	4.5	10	
Chlorobenzene	ND	10	1.6	10		Tetrachloroethene	98	10	3.0	10	
Chloroethane	ND	10	7.0	10		Toluene	2.9	10.0	2.3	10	J,B
Chloroform	ND	10	2.9	10		1,2,3-Trichlorobenzene	ND	10	2.6	10	
Chloromethane	ND	100	21	10		1,2,4-Trichlorobenzene	ND	10	2.9	10	
2-Chlorotoluene	ND	10	1.6	10		1,1,1-Trichloroethane	ND	10	3.5	10	
4-Chlorotoluene	ND	10	1.8	10		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	100	6.1	10	
Dibromochloromethane	ND	10	3.9	10		1,1,2-Trichloroethane	ND	10	7.9	10	
1,2-Dibromo-3-Chloropropane	ND	50	31	10		Trichloroethene	200	10	3.1	10	
1,2-Dibromoethane	ND	10	4.1	10		Trichlorofluoromethane	ND	100	8.3	10	
Dibromomethane	ND	10	8.2	10		1,2,3-Trichloropropane	ND	50	28	10	
1,2-Dichlorobenzene	ND	10	1.5	10		1,2,4-Trimethylbenzene	ND	10	1.3	10	
1,3-Dichlorobenzene	ND	10	1.5	10		1,3,5-Trimethylbenzene	ND	10	8.6	10	
1,4-Dichlorobenzene	ND	10	1.7	10		Vinyl Acetate	ND	100	64	10	
Dichlorodifluoromethane	ND	10	3.3	10		Vinyl Chloride	ND	5.0	2.4	10	
1,1-Dichloroethane	ND	10	2.5	10		p/m-Xylene	ND	10	2.7	10	
1,2-Dichloroethane	ND	5.0	2.5	10		o-Xylene	ND	10	1.7	10	
1,1-Dichloroethene	ND	10	2.6	10		Methyl-t-Butyl Ether (MTBE)	ND	10	2.3	10	
c-1,2-Dichloroethene	1100	10	6.3	10		Tert-Butyl Alcohol (TBA)	ND	100	92	10	
t-1,2-Dichloroethene	26	10	8.3	10		Diisopropyl Ether (DIPE)	ND	20	3.9	10	
1,2-Dichloropropane	ND	10	5.5	10		Ethyl-t-Butyl Ether (ETBE)	ND	20	4.6	10	
1,3-Dichloropropane	ND	10	2.8	10		Tert-Amyl-Methyl Ether (TAME)	ND	20	5.0	10	
2,2-Dichloropropane	ND	10	2.9	10		Ethanol	ND	1000	700	10	
1,1-Dichloropropene	ND	10	6.2	10							

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	104	74-140		1,2-Dichloroethane-d4	108	74-146	
Toluene-d8	102	88-112		1,4-Bromofluorobenzene	94	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/28/06
Work Order No: 06-12-1673
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: AmeriPride 10770-003-300

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-16B	**06-12-1673-4**	**12/28/06**	**Aqueous**	**01/03/07**	**01/03/07**	**070103L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	8.7	50.0	7.0	1	J	c-1,3-Dichloropropene	ND	0.50	0.28	1	
Benzene	ND	0.50	0.19	1		t-1,3-Dichloropropene	ND	0.50	0.26	1	
Bromobenzene	ND	1.0	0.26	1		Ethylbenzene	ND	1.0	0.13	1	
Bromochloromethane	ND	1.0	0.88	1		2-Hexanone	ND	10	3.4	1	
Bromodichloromethane	ND	1.0	0.21	1		Isopropylbenzene	ND	1.0	0.10	1	
Bromoform	ND	1.0	0.87	1		p-Isopropyltoluene	ND	1.0	0.14	1	
Bromomethane	ND	10	3.5	1		Methylene Chloride	ND	10	9.7	1	
2-Butanone	ND	10	8.0	1		4-Methyl-2-Pentanone	ND	10	2.0	1	
n-Butylbenzene	ND	1.0	0.25	1		Naphthalene	ND	10	0.42	1	
sec-Butylbenzene	ND	1.0	0.29	1		n-Propylbenzene	ND	1.0	0.12	1	
tert-Butylbenzene	ND	1.0	0.19	1		Styrene	ND	1.0	0.16	1	
Carbon Disulfide	ND	10	1.8	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.44	1	
Carbon Tetrachloride	ND	0.50	0.29	1		1,1,2,2-Tetrachloroethane	ND	1.0	0.45	1	
Chlorobenzene	ND	1.0	0.16	1		Tetrachloroethene	7.9	1.0	0.30	1	
Chloroethane	ND	1.0	0.70	1		Toluene	0.25	1.00	0.23	1	J,B
Chloroform	0.75	1.00	0.29	1	J	1,2,3-Trichlorobenzene	ND	1.0	0.26	1	
Chloromethane	ND	10	2.1	1		1,2,4-Trichlorobenzene	ND	1.0	0.29	1	
2-Chlorotoluene	ND	1.0	0.16	1		1,1,1-Trichloroethane	ND	1.0	0.35	1	
4-Chlorotoluene	ND	1.0	0.18	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.61	1	
Dibromochloromethane	ND	1.0	0.39	1		1,1,2-Trichloroethane	ND	1.0	0.79	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	3.1	1		Trichloroethene	4.2	1.0	0.31	1	
1,2-Dibromoethane	ND	1.0	0.41	1		Trichlorofluoromethane	ND	10	0.83	1	
Dibromomethane	ND	1.0	0.82	1		1,2,3-Trichloropropane	ND	5.0	2.8	1	
1,2-Dichlorobenzene	ND	1.0	0.15	1		1,2,4-Trimethylbenzene	ND	1.0	0.13	1	
1,3-Dichlorobenzene	ND	1.0	0.15	1		1,3,5-Trimethylbenzene	ND	1.0	0.86	1	
1,4-Dichlorobenzene	ND	1.0	0.17	1		Vinyl Acetate	ND	10	6.4	1	
Dichlorodifluoromethane	ND	1.0	0.33	1		Vinyl Chloride	ND	0.50	0.24	1	
1,1-Dichloroethane	ND	1.0	0.25	1		p/m-Xylene	ND	1.0	0.27	1	
1,2-Dichloroethane	ND	0.50	0.25	1		o-Xylene	ND	1.0	0.17	1	
1,1-Dichloroethene	ND	1.0	0.26	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.23	1	
c-1,2-Dichloroethene	4.6	1.0	0.63	1		Tert-Butyl Alcohol (TBA)	ND	10	9.2	1	
t-1,2-Dichloroethene	ND	1.0	0.83	1		Diisopropyl Ether (DIPE)	ND	2.0	0.39	1	
1,2-Dichloropropane	ND	1.0	0.55	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	0.46	1	
1,3-Dichloropropane	ND	1.0	0.28	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	0.50	1	
2,2-Dichloropropane	ND	1.0	0.29	1		Ethanol	72	100	70	1	J
1,1-Dichloropropene	ND	1.0	0.62	1							

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	104	74-140		1,2-Dichloroethane-d4	110	74-146	
Toluene-d8	103	88-112		1,4-Bromofluorobenzene	95	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/28/06
Work Order No: 06-12-1673
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: AmeriPride 10770-003-300

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-16C	**06-12-1673-5**	**12/28/06**	**Aqueous**	**01/02/07**	**01/02/07**	**070102L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	50	7.0	1		c-1,3-Dichloropropene	ND	0.50	0.28	1	
Benzene	ND	0.50	0.19	1		t-1,3-Dichloropropene	ND	0.50	0.26	1	
Bromobenzene	ND	1.0	0.26	1		Ethylbenzene	ND	1.0	0.13	1	
Bromochloromethane	ND	1.0	0.88	1		2-Hexanone	ND	10	3.4	1	
Bromodichloromethane	ND	1.0	0.21	1		Isopropylbenzene	ND	1.0	0.10	1	
Bromoform	ND	1.0	0.87	1		p-Isopropyltoluene	ND	1.0	0.14	1	
Bromomethane	ND	10	3.5	1		Methylene Chloride	ND	10	9.7	1	
2-Butanone	ND	10	8.0	1		4-Methyl-2-Pentanone	ND	10	2.0	1	
n-Butylbenzene	ND	1.0	0.25	1		Naphthalene	ND	10	0.42	1	
sec-Butylbenzene	ND	1.0	0.29	1		n-Propylbenzene	ND	1.0	0.12	1	
tert-Butylbenzene	ND	1.0	0.19	1		Styrene	ND	1.0	0.16	1	
Carbon Disulfide	ND	10	1.8	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.44	1	
Carbon Tetrachloride	ND	0.50	0.29	1		1,1,2,2-Tetrachloroethane	ND	1.0	0.45	1	
Chlorobenzene	ND	1.0	0.16	1		Tetrachloroethene	6.6	1.0	0.30	1	
Chloroethane	ND	1.0	0.70	1		Toluene	ND	1.0	0.23	1	
Chloroform	ND	1.0	0.29	1		1,2,3-Trichlorobenzene	ND	1.0	0.26	1	
Chloromethane	ND	10	2.1	1		1,2,4-Trichlorobenzene	ND	1.0	0.29	1	
2-Chlorotoluene	ND	1.0	0.16	1		1,1,1-Trichloroethane	ND	1.0	0.35	1	
4-Chlorotoluene	ND	1.0	0.18	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.61	1	
Dibromochloromethane	ND	1.0	0.39	1		1,1,2-Trichloroethane	ND	1.0	0.79	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	3.1	1		Trichloroethene	16	1	0.31	1	
1,2-Dibromoethane	ND	1.0	0.41	1		Trichlorofluoromethane	ND	10	0.83	1	
Dibromomethane	ND	1.0	0.82	1		1,2,3-Trichloropropane	ND	5.0	2.8	1	
1,2-Dichlorobenzene	ND	1.0	0.15	1		1,2,4-Trimethylbenzene	ND	1.0	0.13	1	
1,3-Dichlorobenzene	ND	1.0	0.15	1		1,3,5-Trimethylbenzene	ND	1.0	0.86	1	
1,4-Dichlorobenzene	ND	1.0	0.17	1		Vinyl Acetate	ND	10	6.4	1	
Dichlorodifluoromethane	ND	1.0	0.33	1		Vinyl Chloride	ND	0.50	0.24	1	
1,1-Dichloroethane	ND	1.0	0.25	1		p/m-Xylene	ND	1.0	0.27	1	
1,2-Dichloroethane	ND	0.50	0.25	1		o-Xylene	ND	1.0	0.17	1	
1,1-Dichloroethene	ND	1.0	0.26	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.23	1	
c-1,2-Dichloroethene	11	1	0.63	1		Tert-Butyl Alcohol (TBA)	ND	10	9.2	1	
t-1,2-Dichloroethene	ND	1.0	0.83	1		Diisopropyl Ether (DIPE)	ND	2.0	0.39	1	
1,2-Dichloropropane	ND	1.0	0.55	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	0.46	1	
1,3-Dichloropropane	ND	1.0	0.28	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	0.50	1	
2,2-Dichloropropane	ND	1.0	0.29	1		Ethanol	93	100	70	1	J
1,1-Dichloropropene	ND	1.0	0.62	1							

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	105	74-140		1,2-Dichloroethane-d4	112	74-146	
Toluene-d8	103	88-112		1,4-Bromofluorobenzene	101	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/28/06
Work Order No: 06-12-1673
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: AmeriPride 10770-003-300

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-10-006-20,058**	**N/A**	**Aqueous**	**01/02/07**	**01/02/07**	**070102L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	50	7.0	1		c-1,3-Dichloropropene	ND	0.50	0.28	1	
Benzene	ND	0.50	0.19	1		t-1,3-Dichloropropene	ND	0.50	0.26	1	
Bromobenzene	ND	1.0	0.26	1		Ethylbenzene	ND	1.0	0.13	1	
Bromochloromethane	ND	1.0	0.88	1		2-Hexanone	ND	10	3.4	1	
Bromodichloromethane	ND	1.0	0.21	1		Isopropylbenzene	ND	1.0	0.10	1	
Bromoform	ND	1.0	0.87	1		p-Isopropyltoluene	ND	1.0	0.14	1	
Bromomethane	ND	10	3.5	1		Methylene Chloride	ND	10	9.7	1	
2-Butanone	ND	10	8.0	1		4-Methyl-2-Pentanone	ND	10	2.0	1	
n-Butylbenzene	ND	1.0	0.25	1		Naphthalene	ND	10	0.42	1	
sec-Butylbenzene	ND	1.0	0.29	1		n-Propylbenzene	ND	1.0	0.12	1	
tert-Butylbenzene	ND	1.0	0.19	1		Styrene	ND	1.0	0.16	1	
Carbon Disulfide	ND	10	1.8	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.44	1	
Carbon Tetrachloride	ND	0.50	0.29	1		1,1,2,2-Tetrachloroethane	ND	1.0	0.45	1	
Chlorobenzene	ND	1.0	0.16	1		Tetrachloroethene	ND	1.0	0.30	1	
Chloroethane	ND	1.0	0.70	1		Toluene	ND	1.0	0.23	1	
Chloroform	ND	1.0	0.29	1		1,2,3-Trichlorobenzene	ND	1.0	0.26	1	
Chloromethane	ND	10	2.1	1		1,2,4-Trichlorobenzene	ND	1.0	0.29	1	
2-Chlorotoluene	ND	1.0	0.16	1		1,1,1-Trichloroethane	ND	1.0	0.35	1	
4-Chlorotoluene	ND	1.0	0.18	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.61	1	
Dibromochloromethane	ND	1.0	0.39	1		1,1,2-Trichloroethane	ND	1.0	0.79	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	3.1	1		Trichloroethene	ND	1.0	0.31	1	
1,2-Dibromoethane	ND	1.0	0.41	1		Trichlorofluoromethane	ND	10	0.83	1	
Dibromomethane	ND	1.0	0.82	1		1,2,3-Trichloropropane	ND	5.0	2.8	1	
1,2-Dichlorobenzene	ND	1.0	0.15	1		1,2,4-Trimethylbenzene	ND	1.0	0.13	1	
1,3-Dichlorobenzene	ND	1.0	0.15	1		1,3,5-Trimethylbenzene	ND	1.0	0.86	1	
1,4-Dichlorobenzene	ND	1.0	0.17	1		Vinyl Acetate	ND	10	6.4	1	
Dichlorodifluoromethane	ND	1.0	0.33	1		Vinyl Chloride	ND	0.50	0.24	1	
1,1-Dichloroethane	ND	1.0	0.25	1		p/m-Xylene	ND	1.0	0.27	1	
1,2-Dichloroethane	ND	0.50	0.25	1		o-Xylene	ND	1.0	0.17	1	
1,1-Dichloroethene	ND	1.0	0.26	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.23	1	
c-1,2-Dichloroethene	ND	1.0	0.63	1		Tert-Butyl Alcohol (TBA)	ND	10	9.2	1	
t-1,2-Dichloroethene	ND	1.0	0.83	1		Diisopropyl Ether (DIPE)	ND	2.0	0.39	1	
1,2-Dichloropropane	ND	1.0	0.55	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	0.46	1	
1,3-Dichloropropane	ND	1.0	0.28	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	0.50	1	
2,2-Dichloropropane	ND	1.0	0.29	1		Ethanol	ND	100	70	1	
1,1-Dichloropropene	ND	1.0	0.62	1							

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	102	74-140		1,2-Dichloroethane-d4	104	74-146	
Toluene-d8	103	88-112		1,4-Bromofluorobenzene	99	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/28/06
Work Order No: 06-12-1673
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: AmeriPride 10770-003-300

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-10-006-20,068**	**N/A**	**Aqueous**	**01/03/07**	**01/03/07**	**070103L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	50	7.0	1		c-1,3-Dichloropropene	ND	0.50	0.28	1	
Benzene	ND	0.50	0.19	1		t-1,3-Dichloropropene	ND	0.50	0.26	1	
Bromobenzene	ND	1.0	0.26	1		Ethylbenzene	ND	1.0	0.13	1	
Bromochloromethane	ND	1.0	0.88	1		2-Hexanone	ND	10	3.4	1	
Bromodichloromethane	ND	1.0	0.21	1		Isopropylbenzene	ND	1.0	0.10	1	
Bromoform	ND	1.0	0.87	1		p-Isopropyltoluene	ND	1.0	0.14	1	
Bromomethane	ND	10	3.5	1		Methylene Chloride	ND	10	9.7	1	
2-Butanone	ND	10	8.0	1		4-Methyl-2-Pentanone	ND	10	2.0	1	
n-Butylbenzene	ND	1.0	0.25	1		Naphthalene	1.1	10.0	0.42	1	J
sec-Butylbenzene	ND	1.0	0.29	1		n-Propylbenzene	ND	1.0	0.12	1	
tert-Butylbenzene	ND	1.0	0.19	1		Styrene	ND	1.0	0.16	1	
Carbon Disulfide	ND	10	1.8	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.44	1	
Carbon Tetrachloride	ND	0.50	0.29	1		1,1,2,2-Tetrachloroethane	ND	1.0	0.45	1	
Chlorobenzene	ND	1.0	0.16	1		Tetrachloroethene	ND	1.0	0.30	1	
Chloroethane	ND	1.0	0.70	1		Toluene	0.48	1.00	0.23	1	J
Chloroform	ND	1.0	0.29	1		1,2,3-Trichlorobenzene	0.44	1.00	0.26	1	J
Chloromethane	ND	10	2.1	1		1,2,4-Trichlorobenzene	0.36	1.00	0.29	1	J
2-Chlorotoluene	ND	1.0	0.16	1		1,1,1-Trichloroethane	ND	1.0	0.35	1	
4-Chlorotoluene	ND	1.0	0.18	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.61	1	
Dibromochloromethane	ND	1.0	0.39	1		1,1,2-Trichloroethane	ND	1.0	0.79	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	3.1	1		Trichloroethene	ND	1.0	0.31	1	
1,2-Dibromoethane	ND	1.0	0.41	1		Trichlorofluoromethane	ND	10	0.83	1	
Dibromomethane	ND	1.0	0.82	1		1,2,3-Trichloropropane	ND	5.0	2.8	1	
1,2-Dichlorobenzene	ND	1.0	0.15	1		1,2,4-Trimethylbenzene	ND	1.0	0.13	1	
1,3-Dichlorobenzene	ND	1.0	0.15	1		1,3,5-Trimethylbenzene	ND	1.0	0.86	1	
1,4-Dichlorobenzene	ND	1.0	0.17	1		Vinyl Acetate	ND	10	6.4	1	
Dichlorodifluoromethane	ND	1.0	0.33	1		Vinyl Chloride	ND	0.50	0.24	1	
1,1-Dichloroethane	ND	1.0	0.25	1		p/m-Xylene	0.35	1.00	0.27	1	J
1,2-Dichloroethane	ND	0.50	0.25	1		o-Xylene	ND	1.0	0.17	1	
1,1-Dichloroethene	ND	1.0	0.26	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.23	1	
c-1,2-Dichloroethene	ND	1.0	0.63	1		Tert-Butyl Alcohol (TBA)	ND	10	9.2	1	
t-1,2-Dichloroethene	ND	1.0	0.83	1		Diisopropyl Ether (DIPE)	ND	2.0	0.39	1	
1,2-Dichloropropane	ND	1.0	0.55	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	0.46	1	
1,3-Dichloropropane	ND	1.0	0.28	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	0.50	1	
2,2-Dichloropropane	ND	1.0	0.29	1		Ethanol	ND	100	70	1	
1,1-Dichloropropene	ND	1.0	0.62	1							

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	108	74-140		1,2-Dichloroethane-d4	109	74-146	
Toluene-d8	101	88-112		1,4-Bromofluorobenzene	96	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/28/06
Work Order No: 06-12-1673
Preparation: N/A
Method: EPA 300.0

Project AmeriPride 10770-003-300

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
06-12-1650-1	**Aqueous**	**IC 7**	**N/A**	**12/28/06**	**061228S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Nitrite (as N)	97	97	68-122	0	0-8	
Nitrate (as N)	94	96	58-142	1	0-6	
Sulfate	133	132	49-133	0	0-3	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/28/06
Work Order No: 06-12-1673
Preparation: N/A
Method: SM3500-FeD

Project AmeriPride 10770-003-300

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
06-12-1698-3	**Aqueous**	**UV 2**	**12/28/06**	**12/28/06**	**61228FES1**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Iron (II)	93	100	70-130	7	0-25	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/28/06
Work Order No: 06-12-1673
Preparation: EPA 5030B
Method: EPA 8015B (M)

Project AmeriPride 10770-003-300

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
MW-3	**Aqueous**	**GC 30**	**12/28/06**	**12/28/06**	**061228S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	88	68	68-122	26	0-18	4

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/28/06
Work Order No: 06-12-1673
Preparation: EPA 5030B
Method: EPA 8260B

Project AmeriPride 10770-003-300

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
06-12-1649-1	**Aqueous**	**GC/MS O**	**01/02/07**	**01/02/07**	**070102S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	99	98	88-118	1	0-7	
Carbon Tetrachloride	106	104	67-145	2	0-11	
Chlorobenzene	102	102	88-118	0	0-7	
1,2-Dichlorobenzene	103	105	86-116	1	0-8	
1,1-Dichloroethene	103	96	70-130	7	0-25	
Toluene	100	101	87-123	1	0-8	
Trichloroethene	103	102	79-127	1	0-10	
Vinyl Chloride	94	95	69-129	1	0-13	
Methyl-t-Butyl Ether (MTBE)	93	94	71-131	2	0-13	
Tert-Butyl Alcohol (TBA)	75	83	36-168	11	0-45	
Diisopropyl Ether (DIPE)	102	98	81-123	1	0-9	
Ethyl-t-Butyl Ether (ETBE)	96	97	72-126	1	0-12	
Tert-Amyl-Methyl Ether (TAME)	95	97	72-126	2	0-12	
Ethanol	100	106	53-149	6	0-31	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/28/06
Work Order No: 06-12-1673
Preparation: EPA 5030B
Method: EPA 8260B

Project AmeriPride 10770-003-300

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
MW-16B	**Aqueous**	**GC/MS EE**	**01/03/07**	**01/03/07**	**070103S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	106	106	88-118	0	0-7	
Carbon Tetrachloride	101	102	67-145	1	0-11	
Chlorobenzene	102	102	88-118	0	0-7	
1,2-Dichlorobenzene	94	96	86-116	2	0-8	
1,1-Dichloroethene	118	118	70-130	0	0-25	
Toluene	110	111	87-123	1	0-8	
Trichloroethene	110	109	79-127	1	0-10	
Vinyl Chloride	91	89	69-129	2	0-13	
Methyl-t-Butyl Ether (MTBE)	103	103	71-131	0	0-13	
Tert-Butyl Alcohol (TBA)	94	90	36-168	5	0-45	
Diisopropyl Ether (DIPE)	106	106	81-123	1	0-9	
Ethyl-t-Butyl Ether (ETBE)	103	104	72-126	1	0-12	
Tert-Amyl-Methyl Ether (TAME)	101	100	72-126	1	0-12	
Ethanol	117	96	53-149	19	0-31	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: N/A
Work Order No: 06-12-1673
Preparation: N/A
Method: RSK-175M

Project: AmeriPride 10770-003-300

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-010-1,614	**Aqueous**	**GC 33**	**N/A**	**12/28/06**	**061228L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Methane	101	101	79-109	0	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International		Date Received:	N/A
999 W. Town and Country Rd, 4th		Work Order No:	06-12-1673
Orange, CA 92868-4713		Preparation:	N/A
		Method:	EPA 300.0

Project: AmeriPride 10770-003-300

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-05-118-3,727	**Aqueous**	**IC 7**	**N/A**	**12/28/06**	**061228L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Nitrite (as N)	93	94	73-115	1	0-26	
Nitrate (as N)	94	92	87-111	2	0-12	
Sulfate	98	97	89-107	1	0-13	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Laboratory Control Sample

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International		Date Received:	N/A
999 W. Town and Country Rd, 4th		Work Order No:	06-12-1673
Orange, CA 92868-4713		Preparation:	N/A
		Method:	SM3500-FeD

Project: AmeriPride 10770-003-300

Quality Control Sample ID	Matrix	Instrument	Date Analyzed	Lab File ID	LCS Batch Number
099-05-111-2,420	**Aqueous**	**UV 2**	**12/28/06**	**NONE**	**61228FEL1**

Parameter	Conc Added	Conc Recovered	LCS %Rec	%Rec CL	Qualifiers
Iron (II)	1.0	0.96	96	80-120	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: N/A
Work Order No: 06-12-1673
Preparation: EPA 3510C
Method: EPA 8015B (M)

Project: AmeriPride 10770-003-300

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-308-126	**Aqueous**	**GC 23**	**12/28/06**	**12/29/06**	**061228B10**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Diesel	90	90	75-117	0	0-13	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International		Date Received:	N/A
999 W. Town and Country Rd, 4th		Work Order No:	06-12-1673
Orange, CA 92868-4713		Preparation:	EPA 5030B
		Method:	EPA 8015B (M)

Project: AmeriPride 10770-003-300

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-436-108	**Aqueous**	**GC 30**	**12/28/06**	**12/28/06**	**061228B01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	95	89	78-120	7	0-10	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International	Date Received:	N/A
999 W. Town and Country Rd, 4th	Work Order No:	06-12-1673
Orange, CA 92868-4713	Preparation:	EPA 5030B
	Method:	EPA 8260B

Project: AmeriPride 10770-003-300

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-10-006-20,058	**Aqueous**	**GC/MS O**	**01/02/07**	**01/02/07**	**070102L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	98	99	84-120	2	0-8	
Carbon Tetrachloride	106	106	63-147	1	0-10	
Chlorobenzene	101	101	89-119	1	0-7	
1,2-Dichlorobenzene	102	102	89-119	1	0-9	
1,1-Dichloroethene	97	102	77-125	6	0-16	
Toluene	99	101	83-125	2	0-9	
Trichloroethene	101	102	89-119	1	0-8	
Vinyl Chloride	98	98	63-135	0	0-13	
Methyl-t-Butyl Ether (MTBE)	93	92	82-118	1	0-13	
Tert-Butyl Alcohol (TBA)	74	72	46-154	2	0-32	
Diisopropyl Ether (DIPE)	98	99	81-123	1	0-11	
Ethyl-t-Butyl Ether (ETBE)	97	96	74-122	1	0-12	
Tert-Amyl-Methyl Ether (TAME)	95	95	76-124	1	0-10	
Ethanol	92	81	60-138	13	0-32	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International	Date Received:	N/A
999 W. Town and Country Rd, 4th	Work Order No:	06-12-1673
Orange, CA 92868-4713	Preparation:	EPA 5030B
	Method:	EPA 8260B

Project: AmeriPride 10770-003-300

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-10-006-20,068	**Aqueous**	**GC/MS EE**	**01/03/07**	**01/03/07**	**070103L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	100	106	84-120	6	0-8	
Carbon Tetrachloride	99	104	63-147	5	0-10	
Chlorobenzene	97	101	89-119	4	0-7	
1,2-Dichlorobenzene	92	96	89-119	4	0-9	
1,1-Dichloroethene	110	118	77-125	6	0-16	
Toluene	106	109	83-125	3	0-9	
Trichloroethene	105	110	89-119	4	0-8	
Vinyl Chloride	91	90	63-135	1	0-13	
Methyl-t-Butyl Ether (MTBE)	99	102	82-118	2	0-13	
Tert-Butyl Alcohol (TBA)	83	82	46-154	1	0-32	
Diisopropyl Ether (DIPE)	101	105	81-123	4	0-11	
Ethyl-t-Butyl Ether (ETBE)	100	103	74-122	3	0-12	
Tert-Amyl-Methyl Ether (TAME)	96	100	76-124	4	0-10	
Ethanol	94	113	60-138	18	0-32	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 06-12-1673

Qualifier	Definition
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike or Matrix Spike Duplicate compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

Alpha Environmental Laboratories, Inc.
7440 LINCOLN WAY
GARDEN GROVE, CA 92841-1432
TEL: (714) 895-5494 . FAX: (714) 894-7501

CHAIN OF CUSTODY RECORD

DATE:

PAGE: 1 OF 21

LABORATORY CLIENT: ENSR

ADDRESS: 999 West Town and Country Road, 4th Floor

CITY: Orange, CA 92868

TEL: 714-973-9740 FAX: 714-973-9750 E-MAIL: jotter@ensr.aecom.com

CLIENT PROJECT NAME / NUMBER: AmeriPride 10770-003-300

PROJECT CONTACT: Jeff Otter

SAMPLER(S): (SIGNATURE)

P.O. NO.:

QUOTE NO.:

LAB USE ONLY: 121673

TURNAROUND TIME

☐ SAME DAY ☐ 24 HR ☐ 48HR ☐ 72 HR ☒ Normal

SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY)

☐ RWQCB REPORTING ☐ ARCHIVE SAMPLES UNTIL ___/___/___

SPECIAL INSTRUCTIONS

REQUESTED ANALYSIS

LAB USE ONLY	SAMPLE ID	LOCATION/ DESCRIPTION	SAMPLING DATE	SAMPLING TIME	Matrix	#Cont	8260B (Full Scan & Oxygenates)	8015M (TPH-g)	8015M (TPH-D)	Ferrous Iron	Sulfate	Nitrate	Nitrite	Methane	8270M (1,4-Dioxane)
1	DUP-2	Field Duplicate	12/28/06	—	W	3	X								
2	MW-3	Standard Sample		1045	W	10	X	X	X	X	X	X	X	X	
3	MW-16A			1100	W	10	X	X	X	X	X	X	X	X	
4	MW-16B			1055	W	10	X	X	X	X	X	X	X	X	
5	MW-16C			1110	W	10	X	X	X	X	X	X	X	X	

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
		12/28/06	1149
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 06-12-1673

Cooler 1 **of** 1

SAMPLE RECEIPT FORM

CLIENT: ENSR **DATE:** 12/28/06

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

_____ Chilled, cooler with temperature blank provided.
_____ Chilled, cooler without temperature blank.
_____ Chilled and placed in cooler with wet ice.
_____ Ambient and placed in cooler with wet ice.
_____ Ambient temperature.

_____ °C Temperature blank.

LABORATORY (Other than Calscience Courier):

_____ °C Temperature blank.
2.5 °C IR thermometer.
_____ Ambient temperature.

Initial: NC

CUSTODY SEAL INTACT:

Sample(s): _____ Cooler: _____ No (Not Intact) : _____ Not Applicable (N/A): ✓

Initial: NC

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples	✓		
Sampler's name indicated on COC		✓	
Sample container label(s) consistent with custody papers	✓		
Sample container(s) intact and good condition	✓		
Correct containers and volume for analyses requested	✓		
Proper preservation noted on sample label(s)	✓		
VOA vial(s) free of headspace.	✓		
Tedlar bag(s) free of condensation			✓

Initial: NC

COMMENTS:

City of Los Angeles
Department of City Planning

6/19/2019
PARCEL PROFILE REPORT

PROPERTY ADDRESSES

3419 N PASADENA AVE
3417 N PASADENA AVE
3413 N PASADENA AVE
3411 N PASADENA AVE
3407 N PASADENA AVE
3401 N PASADENA AVE
3415 N PASADENA AVE

ZIP CODES

90031

RECENT ACTIVITY

Adaptive Reuse Incentive Spec. Plan - ORD 175038
ZA-2016-272-ZAA-SPR-CLQ

CASE NUMBERS

CPC-2018-5580-SP
CPC-2009-598-CA-SP
CPC-2008-3125-CA
CPC-2006-5242-ZC-GPA
CPC-1989-177
CPC-1986-826-GPC
CASE-6453
ORD-182617
ORD-182498
ORD-179280-SA4
ORD-172316
ORD-166216-SA2924
ZA-2016-272-ZAA-SPR-CLQ
ZA-19XX-9131
ZA-19XX-6453
ENV-2016-273-MND
ENV-2013-3392-CE
ENV-2009-599-EIR

Address/Legal Information	
PIN Number	142-5A223 199
Lot/Parcel Area (Calculated)	28,793.4 (sq ft)
Thomas Brothers Grid	PAGE 595 - GRID A6
Assessor Parcel No. (APN)	5205004003
Tract	TR 23801
Map Reference	M B 682-49/50
Block	None
Lot	3
Arb (Lot Cut Reference)	None
Map Sheet	142-5A223
Jurisdictional Information	
Community Plan Area	Northeast Los Angeles
Area Planning Commission	East Los Angeles
Neighborhood Council	Lincoln Heights
Council District	CD 1 - Gilbert Cedillo
Census Tract #	1990.00
LADBS District Office	Los Angeles Metro
Planning and Zoning Information	
Special Notes	None
Zoning	[T][Q]CM-2D
Zoning Information (ZI)	ZI-2129 EAST LOS ANGELES STATE ENTERPRISE ZONE
	ZI-2427 Freeway Adjacent Advisory Notice for Sensitive Uses
	ZI-2452 Transit Priority Area in the City of Los Angeles
General Plan Land Use	Commercial Manufacturing
General Plan Note(s)	Yes
Hillside Area (Zoning Code)	No
Specific Plan Area	Cornfield / Arroyo Seco
Subarea	None
Special Land Use / Zoning	None
Design Review Board	No
Historic Preservation Review	No
Historic Preservation Overlay Zone	None
Other Historic Designations	None
Other Historic Survey Information	None
Mills Act Contract	None
CDO: Community Design Overlay	None
CPIO: Community Plan Imp. Overlay	None
Subarea	None
CUGU: Clean Up-Green Up	None
HCR: Hillside Construction Regulation	No
NSO: Neighborhood Stabilization Overlay	No
POD: Pedestrian Oriented Districts	None
RFA: Residential Floor Area District	None
RIO: River Implementation Overlay	No
SN: Sign District	No
Streetscape	No

This report is subject to the terms and conditions as set forth on the website. For more details, please refer to the terms and conditions at zimas.lacity.org
(*) - APN Area is provided "as is" from the Los Angeles County's Public Works, Flood Control, Benefit Assessment.

Adaptive Reuse Incentive Area	Adaptive Reuse Incentive Areas
Affordable Housing Linkage Fee	
Residential Market Area	Medium
Non-Residential Market Area	Medium
Transit Oriented Communities (TOC)	Tier 3
CRA - Community Redevelopment Agency	None
Central City Parking	No
Downtown Parking	No
Building Line	None
500 Ft School Zone	Active: Hillside Elementary School
500 Ft Park Zone	Active: Mt. Olympus Park
Assessor Information	
Assessor Parcel No. (APN)	5205004003
APN Area (Co. Public Works)*	0.660 (ac)
Use Code	3100 - Industrial - Light Manufacturing - One Story
Assessed Land Val.	$1,837,598
Assessed Improvement Val.	$612,529
Last Owner Change	01/10/2006
Last Sale Amount	$2,025,020
Tax Rate Area	4
Deed Ref No. (City Clerk)	6-419
	56827
Building 1	
Year Built	1948
Building Class	SX
Number of Units	0
Number of Bedrooms	0
Number of Bathrooms	0
Building Square Footage	4,040.0 (sq ft)
Building 2	
Year Built	1925
Building Class	C45A
Number of Units	0
Number of Bedrooms	0
Number of Bathrooms	0
Building Square Footage	9,600.0 (sq ft)
Building 3	No data for building 3
Building 4	No data for building 4
Building 5	No data for building 5
Additional Information	
Airport Hazard	None
Coastal Zone	None
Farmland	Area Not Mapped
Urban Agriculture Incentive Zone	YES
Very High Fire Hazard Severity Zone	No
Fire District No. 1	No
Flood Zone	None
Watercourse	No
Hazardous Waste / Border Zone Properties	No
Methane Hazard Site	None
High Wind Velocity Areas	No
Special Grading Area (BOE Basic Grid Map A-13372)	No
Oil Wells	None
Seismic Hazards	

This report is subject to the terms and conditions as set forth on the website. For more details, please refer to the terms and conditions at zimas.lacity.org
(*) - APN Area is provided "as is" from the Los Angeles County's Public Works, Flood Control, Benefit Assessment.

Active Fault Near-Source Zone	
Nearest Fault (Distance in km)	1.47544536
Nearest Fault (Name)	Upper Elysian Park
Region	Los Angeles Blind Thrusts
Fault Type	B
Slip Rate (mm/year)	1.30000000
Slip Geometry	Reverse
Slip Type	Poorly Constrained
Down Dip Width (km)	13.00000000
Rupture Top	3.00000000
Rupture Bottom	13.00000000
Dip Angle (degrees)	50.00000000
Maximum Magnitude	6.40000000
Alquist-Priolo Fault Zone	No
Landslide	No
Liquefaction	Yes
Preliminary Fault Rupture Study Area	No
Tsunami Inundation Zone	No
Economic Development Areas	
Business Improvement District	LINCOLN HEIGHTS INDUSTRIAL ZONE
Opportunity Zone	Yes
Promise Zone	None
Renewal Community	No
Revitalization Zone	Central City
State Enterprise Zone	EAST LOS ANGELES STATE ENTERPRISE ZONE
Targeted Neighborhood Initiative	None
Housing	
Direct all Inquiries to	Housing+Community Investment Department
Telephone	(866) 557-7368
Website	http://hcidla.lacity.org
Rent Stabilization Ordinance (RSO)	No
Ellis Act Property	No
Public Safety	
Police Information	
Bureau	Central
Division / Station	Hollenbeck
Reporting District	412
Fire Information	
Bureau	Central
Batallion	2
District / Fire Station	1
Red Flag Restricted Parking	No

This report is subject to the terms and conditions as set forth on the website. For more details, please refer to the terms and conditions at zimas.lacity.org
(*) - APN Area is provided "as is" from the Los Angeles County's Public Works, Flood Control, Benefit Assessment.

CASE SUMMARIES

Note: Information for case summaries is retrieved from the Planning Department's Plan Case Tracking System (PCTS) database.

Case Number:	CPC-2018-5580-SP
Required Action(s):	SP-SPECIFIC PLAN (INCLUDING AMENDMENTS)
Project Descriptions(s):	SPECIFIC PLAN AMENDMENT (11.5.7G)
Case Number:	CPC-2009-598-CA-SP
Required Action(s):	SP-SPECIFIC PLAN (INCLUDING AMENDMENTS)
	CA-CODE AMENDMENT
Project Descriptions(s):	THE CORNFIELD ARROYO SPECIFIC PLAN (CASP) WILL GUIDE THE FUTURE DEVELOPMENT OF AN APPROXIMATELY 660 ACRE AREA THAT IS LOCATED WITHIN PORTIONS OF THE CENTRAL CITY NORTH, NORTHEAST, AND SILVERLAKE-ECHO PARK COMMUNITY PLAN AREAS. THE CASP IS INTENDED TO SERVE AS A FRAMEWORK FOR CREATING AN ENVIRONMENTALLY SUSTAINABLE, INCLUSIVE, AND ECONOMICALLY VIABLE AREA. POLICIES INCLUDED IN THE CASP ACCOMODATE A RANGE OF HOUSING OPTIONS, NEW PUBLIC SPACES, OPPORTUNITIES FOR WALKING AND BICYCLING, AND CLUSTERS FOR BOTH EXISTING INDUSTRIAL BUSINESSES AND THE CLEAN TECHNOLOGY BUSINESSES OF THE FUTURE.
Case Number:	CPC-2008-3125-CA
Required Action(s):	CA-CODE AMENDMENT
Project Descriptions(s):	THE ADDITION OF A RIVER IMPROVEMENT OVERLAY (RIO) DISTRICT AS SECTION 13.12 OF THE L.A.M.C. IN RESPONSE TO THE LOS ANGELES RIVER REVITALIZATION MASTER PLAN (LARRMP) THAT WAS ADOPTED IN MAY 2007. THIS SUPPLEMENTAL USE DISTRICT WOULD ESTABLISH STANDARDS FOR NEW DEVELOPMENT ALONG WATERWAYS
Case Number:	CPC-2006-5242-ZC-GPA
Required Action(s):	GPA-GENERAL PLAN AMENDMENT
	ZC-ZONE CHANGE
Project Descriptions(s):	ZONE CHANGE AND LAND USE PLAN AMENDMENT TO THE NORTHEAST LOS ANGELES COMMUNITY PLAN PORTION OF THE LAND USE ELEMENT OF THE CITY'S GENERAL PLAN.
Case Number:	CPC-1989-177
Required Action(s):	Data Not Available
Project Descriptions(s):	INTERIM CONTROL ORDINANCE FOR THE ENTIRE NORTHEAST LOS ANGELESDISTRICT PLAN
	CONTINUATION OF CPC-89-0177. SEE GENERAL COMMENTS FOR CONTINUATION.
Case Number:	CPC-1986-826-GPC
Required Action(s):	GPC-GENERAL PLAN/ZONING CONSISTENCY (AB283)
Project Descriptions(s):	GENERAL PLAN/ZONING CONSISTENCY - ZONE CHANGES - HEIGHT DISTRICT CHANGES AND PLAN AMENDMENTS - VARIOUS LOCATIONS
Case Number:	ZA-2016-272-ZAA-SPR-CLQ
Required Action(s):	CLQ-CLARIFICATION OF 'Q' CONDITIONS
	SPR-SITE PLAN REVIEW
	ZAA-AREA,HEIGHT,YARD,AND BLDG LINE ADJMNTS GT 20% (SLIGHT MODIFICATIONS)
Project Descriptions(s):	PURSUANT TO LAMC 12.27 THE APPLICANT REQUEST A ZONE VARIANCE TO PERMIT A DENSITY OF 1 DWELLING/534 PER SQUARE IN LIEU OF THE 1/800 AS REQUIRED BY 12.17.1; PURSUANT TO 16.05 THE APPLICANT REQUEST SITE PLAN REVIEW FOR A PROJECT WITH MORE THAN 50 UNITS; AND PURSUANT TO 12.24W1 THE APPLICANT REQUEST A MASTER CUB FOR A 10,000 SQFT RETAIL SPACE, ALL IN CONJUNCTION WITH CONSTRUCTION OF A NEW 410 RESIDENTIAL PROJECT OVER SEVERAL BUILDINGS AND REHABILITATION OF SEVERAL EXISTING BUILDINGS.
Case Number:	ZA-19XX-9131
Required Action(s):	Data Not Available
Project Descriptions(s):	
Case Number:	ZA-19XX-6453
Required Action(s):	Data Not Available
Project Descriptions(s):	
Case Number:	ENV-2016-273-MND
Required Action(s):	MND-MITIGATED NEGATIVE DECLARATION
Project Descriptions(s):	PURSUANT TO LAMC 12.27 THE APPLICANT REQUEST A ZONE VARIANCE TO PERMIT A DENSITY OF 1 DWELLING/534 PER SQUARE IN LIEU OF THE 1/800 AS REQUIRED BY 12.17.1; PURSUANT TO 16.05 THE APPLICANT REQUEST SITE PLAN REVIEW FOR A PROJECT WITH MORE THAN 50 UNITS; AND PURSUANT TO 12.24W1 THE APPLICANT REQUEST A MASTER CUB FOR A 10,000 SQFT RETAIL SPACE, ALL IN CONJUNCTION WITH CONSTRUCTION OF A NEW 410 RESIDENTIAL PROJECT OVER SEVERAL BUILDINGS AND REHABILITATION OF SEVERAL EXISTING BUILDINGS.
Case Number:	ENV-2013-3392-CE
Required Action(s):	CE-CATEGORICAL EXEMPTION
Project Descriptions(s):	THE PROPOSED ORDINANCE MODIFIES SECTION 22.119 OF THE LOS ANGELES ADMINISTRATIVE CODE TO ALLOW ORIGINAL ART MURALS ON LOTS DEVELOPED WITH ONLY ONE SINGLE-FAMILY RESIDENTIAL STRUCTURE AND THAT ARE LOCATED WITHIN COUNCIL DISTRICTS 1, 9, AND 14.
Case Number:	ENV-2009-599-EIR

This report is subject to the terms and conditions as set forth on the website. For more details, please refer to the terms and conditions at zimas.lacity.org
(*) - APN Area is provided "as is" from the Los Angeles County's Public Works, Flood Control, Benefit Assessment.

Required Action(s): EIR-ENVIRONMENTAL IMPACT REPORT

Project Descriptions(s): THE CORNFIELD ARROYO SPECIFIC PLAN (CASP) WILL GUIDE THE FUTURE DEVELOPMENT OF AN APPROXIMATELY 660 ACRE AREA THAT IS LOCATED WITHIN PORTIONS OF THE CENTRAL CITY NORTH, NORTHEAST, AND SILVERLAKE-ECHO PARK COMMUNITY PLAN AREAS. THE CASP IS INTENDED TO SERVE AS A FRAMEWORK FOR CREATING AN ENVIRONMENTALLY SUSTAINABLE, INCLUSIVE, AND ECONOMICALLY VIABLE AREA. POLICIES INCLUDED IN THE CASP ACCOMODATE A RANGE OF HOUSING OPTIONS, NEW PUBLIC SPACES, OPPORTUNITIES FOR WALKING AND BICYCLING, AND CLUSTERS FOR BOTH EXISTING INDUSTRIAL BUSINESSES AND THE CLEAN TECHNOLOGY BUSINESSES OF THE FUTURE.

DATA NOT AVAILABLE

CASE-6453

ORD-182617

ORD-182498

ORD-179280-SA4

ORD-172316

ORD-166216-SA2924

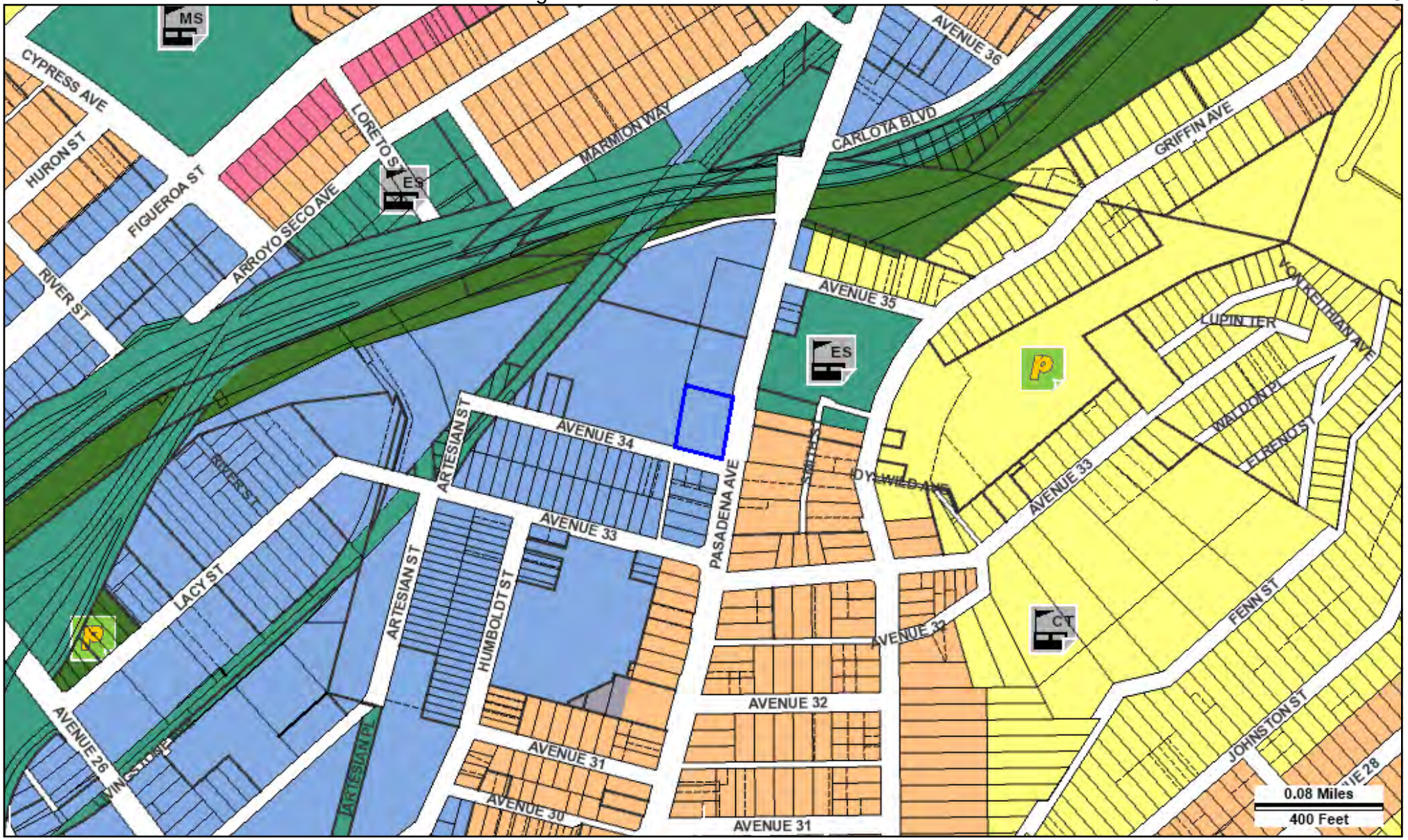
This report is subject to the terms and conditions as set forth on the website. For more details, please refer to the terms and conditions at zimas.lacity.org
(*) - APN Area is provided "as is" from the Los Angeles County's Public Works, Flood Control, Benefit Assessment.

ZIMAS PUBLIC

Generalized Zoning

06/19/2019

City of Los Angeles
Department of City Planning



Address: 3401 N PASADENA AVE
APN: 5205004003
PIN #: 142-5A223 199

Tract: TR 23801
Block: None
Lot: 3
Arb: None

Zoning: [T][Q]CM-2D
General Plan: Commercial Manufacturing

Streets Copyright (c) Thomas Brothers Maps, Inc.

LEGEND

GENERALIZED ZONING

- OS, GW
- A, RA
- RE, RS, R1, RU, RZ, RW1
- R2, RD, RMP, RW2, R3, RAS, R4, R5, PVSP
- CR, C1, C1.5, C2, C4, C5, CW, WC, ADP, LASED, CEC, USC, PPSP
- CM, MR, CCS, UV, UI, UC, M1, M2, LAX, M3, SL
- P, PB
- PF

GENERAL PLAN LAND USE

LAND USE

RESIDENTIAL

- Minimum Residential
- Very Low / Very Low I Residential
- Very Low II Residential
- Low / Low I Residential
- Low II Residential
- Low Medium / Low Medium I Residential
- Low Medium II Residential
- Medium Residential
- High Medium Residential
- High Density Residential
- Very High Medium Residential

COMMERCIAL

- Limited Commercial
- Limited Commercial - Mixed Medium Residential
- Highway Oriented Commercial
- Highway Oriented and Limited Commercial
- Highway Oriented Commercial - Mixed Medium Residential
- Neighborhood Office Commercial
- Community Commercial
- Community Commercial -Mixed High Residential
- Regional Center Commercial

INDUSTRIAL

- Commercial Manufacturing
- Limited Manufacturing
- Light Manufacturing
- Heavy Manufacturing
- Hybrid Industrial

PARKING

- Parking Buffer

PORT OF LOS ANGELES

- General / Bulk Cargo - Non Hazardous (Industrial / Commercial)
- General / Bulk Cargo - Hazard
- Commercial Fishing
- Recreation and Commercial
- Intermodal Container Transfer Facility Site

LOS ANGELES INTERNATIONAL AIRPORT

- Airport Landside / Airport Landside Support
- Airport Airside
- LAX Airport Northside

OPEN SPACE / PUBLIC FACILITIES

- Open Space
- Public / Open Space
- Public / Quasi-Public Open Space
- Other Public Open Space
- Public Facilities

FRAMEWORK

COMMERCIAL

- Neighborhood Commercial
- General Commercial
- Community Commercial
- Regional Mixed Commercial

INDUSTRIAL

- Limited Industrial
- Light Industrial

CIRCULATION

STREET

- Arterial Mountain Road
- Collector Scenic Street
- Collector Street
- Collector Street (Hillside)
- Collector Street (Modified)
- Collector Street (Proposed)
- Country Road
- Divided Major Highway II
- Divided Secondary Scenic Highway
- Local Scenic Road
- Local Street
- Major Highway (Modified)
- Major Highway I
- Major Highway II
- Major Highway II (Modified)
- Major Scenic Highway
- Major Scenic Highway (Modified)
- Major Scenic Highway II
- Mountain Collector Street
- Park Road
- Parkway
- Principal Major Highway
- Private Street
- Scenic Divided Major Highway II
- Scenic Park
- Scenic Parkway
- Secondary Highway
- Secondary Highway (Modified)
- Secondary Scenic Highway
- Special Collector Street
- Super Major Highway

FREEWAYS

- Freeway
- Interchange
- On-Ramp / Off- Ramp
- Railroad
- Scenic Freeway Highway

MISC. LINES

- Airport Boundary
- Bus Line
- Coastal Zone Boundary
- Coastline Boundary
- Collector Scenic Street (Proposed)
- Commercial Areas
- Commercial Center
- Community Redevelopment Project Area
- Country Road
- DWP Power Lines
- Desirable Open Space
- Detached Single Family House
- Endangered Ridgeline
- Equestrian and/or Hiking Trail
- Hiking Trail
- Historical Preservation
- Horsekeeping Area
- Local Street
- MSA Desirable Open Space
- Major Scenic Controls
- Multi-Purpose Trail
- Natural Resource Reserve
- Park Road
- Park Road (Proposed)
- Quasi-Public
- Rapid Transit Line
- Residential Planned Development
- Scenic Highway (Obsolete)
- Secondary Scenic Controls
- Secondary Scenic Highway (Proposed)
- Site Boundary
- Southern California Edison Power
- Special Study Area
- Specific Plan Area
- Stagecoach Line
- Wildlife Corridor

POINTS OF INTEREST

- Alternative Youth Hostel (Proposed)
- Animal Shelter
- Area Library
- Area Library (Proposed)
- Bridge
- Campground
- Campground (Proposed)
- Cemetery
- HW Church
- City Hall
- Community Center
- Community Library
- Community Library (Proposed Expansion)
- Community Library (Proposed)
- Community Park
- Community Park (Proposed Expansion)
- Community Park (Proposed)
- Community Transit Center
- Convalescent Hospital
- Correctional Facility
- Cultural / Historic Site (Proposed)
- Cultural / Historical Site
- Cultural Arts Center
- DMV DMV Office
- DWP DWP
- DWP Pumping Station
- Equestrian Center
- HQ Fire Department Headquarters
- Fire Station
- Fire Station (Proposed Expansion)
- Fire Station (Proposed)
- Fire Supply & Maintenance
- Fire Training Site
- Fireboat Station
- Health Center / Medical Facility
- Helistop
- Historic Monument
- Historical / Cultural Monument
- Horsekeeping Area
- Horsekeeping Area (Proposed)
- Horticultural Center
- Hospital
- Hospital (Proposed)
- HW House of Worship
- e Important Ecological Area
- e Important Ecological Area (Proposed)
- Interpretive Center (Proposed)
- JC Junior College
- M MTA / Metrolink Station
- M MTA Station
- MTA Stop
- MWD MWD Headquarters
- Maintenance Yard
- Municipal Office Building
- P Municipal Parking lot
- Neighborhood Park
- Neighborhood Park (Proposed Expansion)
- Neighborhood Park (Proposed)
- Oil Collection Center
- P Parking Enforcement
- HQ Police Headquarters
- Police Station
- Police Station (Proposed Expansion)
- Police Station (Proposed)
- Police Training site
- PO Post Office
- Power Distribution Station
- Power Distribution Station (Proposed)
- Power Receiving Station
- Power Receiving Station (Proposed)
- C Private College
- E Private Elementary School
- Private Golf Course
- Private Golf Course (Proposed)
- JH Private Junior High School
- PS Private Pre-School
- Private Recreation & Cultural Facility
- SH Private Senior High School
- SF Private Special School
- E Public Elementary (Proposed Expansion)
- E Public Elementary School
- E Public Elementary School (Proposed)
- Public Golf Course
- Public Golf Course (Proposed)
- Public Housing
- Public Housing (Proposed Expansion)
- JH Public Junior High School
- JH Public Junior High School (Proposed)
- MS Public Middle School
- SH Public Senior High School
- SH Public Senior High School (Proposed)
- Pumping Station
- Pumping Station (Proposed)
- Refuse Collection Center
- Regional Library
- Regional Library (Proposed Expansion)
- Regional Library (Proposed)
- Regional Park
- Regional Park (Proposed)
- RPD Residential Plan Development
- Scenic View Site
- Scenic View Site (Proposed)
- ADM School District Headquarters
- SC School Unspecified Loc/Type (Proposed)
- Skill Center
- SS Social Services
- Special Feature
- Special Recreation (a)
- SF Special School Facility
- SF Special School Facility (Proposed)
- Steam Plant
- sm Surface Mining
- Trail & Assembly Area
- Trail & Assembly Area (Proposed)
- UTL Utility Yard
- Water Tank Reservoir
- Wildlife Migration Corridor
- Wildlife Preserve Gate

SCHOOLS/PARKS WITH 500 FT. BUFFER

- Existing School/Park Site
- Planned School/Park Site
- Inside 500 Ft. Buffer

- Aquatic Facilities
- Beaches
- Child Care Centers
- Dog Parks
- Golf Course
- Historic Sites
- Horticulture/Gardens
- Skate Parks
- Other Facilities
- Park / Recreation Centers
- Parks
- Performing / Visual Arts Centers
- Recreation Centers
- Senior Citizen Centers
- Opportunity School
- Charter School
- Elementary School
- Span School
- Special Education School
- High School
- Middle School
- Early Education Center

COASTAL ZONE

- Coastal Zone Commission Authority
- Calvo Exclusion Area
- Not in Coastal Zone
- Dual Jurisdictional Coastal Zone

TRANSIT ORIENTED COMMUNITIES (TOC)

- Tier 1
- Tier 2
- Tier 3
- Tier 4

Note: TOC Tier designation and map layers are for reference purposes only. Eligible projects shall demonstrate compliance with Tier eligibility standards prior to the issuance of any permits or approvals. As transit service changes, eligible TOC Incentive Areas will be updated.

WAIVER OF DEDICATION OR IMPROVEMENT

- Public Work Approval (PWA)
- Waiver of Dedication or Improvement (WDI)

LAMC SECTION 85.02 (VEHICLE DWELLING)

- No vehicle dwelling anytime
- No vehicle dwelling overnight between 9:00 PM - 6:00 AM. Must comply with all posted parking restrictions
- Vehicle dwelling allowed. Must comply with all posted parking restrictions

OTHER SYMBOLS

- Lot Line
- Tract Line
- Lot Cut
- Easement
- Zone Boundary
- Building Line
- Lot Split
- Community Driveway
- Building Outlines 2014
- Building Outlines 2008
- Airport Hazard Zone
- Census Tract
- Coastal Zone
- Council District
- LADBS District Office
- Downtown Parking
- Fault Zone
- Fire District No. 1
- Tract Map
- Parcel Map
- Flood Zone
- Hazardous Waste
- High Wind Zone
- Hillside Grading
- Historic Preservation Overlay Zone
- Specific Plan Area
- Very High Fire Hazard Severity Zone
- Oil Wells

City of Los Angeles
Department of City Planning

6/19/2019
PARCEL PROFILE REPORT

PROPERTY ADDRESSES

3437 N PASADENA AVE
3433 N PASADENA AVE
3431 N PASADENA AVE
3425 N PASADENA AVE

ZIP CODES

90031

RECENT ACTIVITY

Adaptive Reuse Incentive Spec. Plan - ORD 175038
ZA-2016-272-ZAA-SPR-CLQ

CASE NUMBERS

CPC-2018-5580-SP
CPC-2009-598-CA-SP
CPC-2008-3125-CA
CPC-2006-5242-ZC-GPA
CPC-1989-177
CPC-1986-826-GPC
ORD-182617
ORD-182498
ORD-179280-SA4
ORD-172316
ORD-166216-SA2924
ZA-2016-272-ZAA-SPR-CLQ
ENV-2016-273-MND
ENV-2013-3392-CE
ENV-2009-599-EIR
CFG-2000

Address/Legal Information	
PIN Number	142-5A223 178
Lot/Parcel Area (Calculated)	28,145.0 (sq ft)
Thomas Brothers Grid	PAGE 595 - GRID A6
Assessor Parcel No. (APN)	5205004007
Tract	P M 541
Map Reference	BK 5-85
Block	None
Lot	B
Arb (Lot Cut Reference)	None
Map Sheet	142-5A223
Jurisdictional Information	
Community Plan Area	Northeast Los Angeles
Area Planning Commission	East Los Angeles
Neighborhood Council	Lincoln Heights
Council District	CD 1 - Gilbert Cedillo
Census Tract #	1990.00
LADBS District Office	Los Angeles Metro
Planning and Zoning Information	
Special Notes	None
Zoning	[T][Q]CM-2D
Zoning Information (ZI)	ZI-2129 EAST LOS ANGELES STATE ENTERPRISE ZONE
	ZI-2427 Freeway Adjacent Advisory Notice for Sensitive Uses
	ZI-2452 Transit Priority Area in the City of Los Angeles
General Plan Land Use	Commercial Manufacturing
General Plan Note(s)	Yes
Hillside Area (Zoning Code)	No
Specific Plan Area	Cornfield / Arroyo Seco
Subarea	None
Special Land Use / Zoning	None
Design Review Board	No
Historic Preservation Review	No
Historic Preservation Overlay Zone	None
Other Historic Designations	None
Other Historic Survey Information	None
Mills Act Contract	None
CDO: Community Design Overlay	None
CPIO: Community Plan Imp. Overlay	None
Subarea	None
CUGU: Clean Up-Green Up	None
HCR: Hillside Construction Regulation	No
NSO: Neighborhood Stabilization Overlay	No
POD: Pedestrian Oriented Districts	None
RFA: Residential Floor Area District	None
RIO: River Implementation Overlay	No
SN: Sign District	No
Streetscape	No

This report is subject to the terms and conditions as set forth on the website. For more details, please refer to the terms and conditions at zimas.lacity.org
(*) - APN Area is provided "as is" from the Los Angeles County's Public Works, Flood Control, Benefit Assessment.

Adaptive Reuse Incentive Area	Adaptive Reuse Incentive Areas
Affordable Housing Linkage Fee	
Residential Market Area	Medium
Non-Residential Market Area	Medium
Transit Oriented Communities (TOC)	Tier 3
CRA - Community Redevelopment Agency	None
Central City Parking	No
Downtown Parking	No
Building Line	None
500 Ft School Zone	Active: Hillside Elementary School
500 Ft Park Zone	Active: Mt. Olympus Park
Assessor Information	
Assessor Parcel No. (APN)	5205004007
APN Area (Co. Public Works)*	0.650 (ac)
Use Code	3100 - Industrial - Light Manufacturing - One Story
Assessed Land Val.	$1,837,598
Assessed Improvement Val.	$612,529
Last Owner Change	01/10/2006
Last Sale Amount	$2,000,020
Tax Rate Area	4
Deed Ref No. (City Clerk)	581511
	4-227
Building 1	
Year Built	1967
Building Class	C6A
Number of Units	0
Number of Bedrooms	0
Number of Bathrooms	0
Building Square Footage	14,315.0 (sq ft)
Building 2	No data for building 2
Building 3	No data for building 3
Building 4	No data for building 4
Building 5	No data for building 5
Additional Information	
Airport Hazard	None
Coastal Zone	None
Farmland	Area Not Mapped
Urban Agriculture Incentive Zone	YES
Very High Fire Hazard Severity Zone	No
Fire District No. 1	No
Flood Zone	None
Watercourse	No
Hazardous Waste / Border Zone Properties	No
Methane Hazard Site	None
High Wind Velocity Areas	No
Special Grading Area (BOE Basic Grid Map A-13372)	No
Oil Wells	None
Seismic Hazards	
Active Fault Near-Source Zone	
Nearest Fault (Distance in km)	1.53411936
Nearest Fault (Name)	Upper Elysian Park
Region	Los Angeles Blind Thrusts
Fault Type	B
Slip Rate (mm/year)	1.30000000

This report is subject to the terms and conditions as set forth on the website. For more details, please refer to the terms and conditions at zimas.lacity.org
(*) - APN Area is provided "as is" from the Los Angeles County's Public Works, Flood Control, Benefit Assessment.

Slip Geometry	Reverse
Slip Type	Poorly Constrained
Down Dip Width (km)	13.00000000
Rupture Top	3.00000000
Rupture Bottom	13.00000000
Dip Angle (degrees)	50.00000000
Maximum Magnitude	6.40000000
Alquist-Priolo Fault Zone	No
Landslide	No
Liquefaction	Yes
Preliminary Fault Rupture Study Area	No
Tsunami Inundation Zone	No
Economic Development Areas	
Business Improvement District	LINCOLN HEIGHTS INDUSTRIAL ZONE
Opportunity Zone	Yes
Promise Zone	None
Renewal Community	No
Revitalization Zone	Central City
State Enterprise Zone	EAST LOS ANGELES STATE ENTERPRISE ZONE
Targeted Neighborhood Initiative	None
Housing	
Direct all Inquiries to	Housing+Community Investment Department
Telephone	(866) 557-7368
Website	http://hcidla.lacity.org
Rent Stabilization Ordinance (RSO)	No
Ellis Act Property	No
Public Safety	
Police Information	
Bureau	Central
Division / Station	Hollenbeck
Reporting District	412
Fire Information	
Bureau	Central
Batallion	2
District / Fire Station	1
Red Flag Restricted Parking	No

This report is subject to the terms and conditions as set forth on the website. For more details, please refer to the terms and conditions at zimas.lacity.org
(*) - APN Area is provided "as is" from the Los Angeles County's Public Works, Flood Control, Benefit Assessment.

CASE SUMMARIES

Note: Information for case summaries is retrieved from the Planning Department's Plan Case Tracking System (PCTS) database.

Case Number:	CPC-2018-5580-SP
Required Action(s):	SP-SPECIFIC PLAN (INCLUDING AMENDMENTS)
Project Descriptions(s):	SPECIFIC PLAN AMENDMENT (11.5.7G)
Case Number:	CPC-2009-598-CA-SP
Required Action(s):	SP-SPECIFIC PLAN (INCLUDING AMENDMENTS)
	CA-CODE AMENDMENT
Project Descriptions(s):	THE CORNFIELD ARROYO SPECIFIC PLAN (CASP) WILL GUIDE THE FUTURE DEVELOPMENT OF AN APPROXIMATELY 660 ACRE AREA THAT IS LOCATED WITHIN PORTIONS OF THE CENTRAL CITY NORTH, NORTHEAST, AND SILVERLAKE-ECHO PARK COMMUNITY PLAN AREAS. THE CASP IS INTENDED TO SERVE AS A FRAMEWORK FOR CREATING AN ENVIRONMENTALLY SUSTAINABLE, INCLUSIVE, AND ECONOMICALLY VIABLE AREA. POLICIES INCLUDED IN THE CASP ACCOMODATE A RANGE OF HOUSING OPTIONS, NEW PUBLIC SPACES, OPPORTUNITIES FOR WALKING AND BICYCLING, AND CLUSTERS FOR BOTH EXISTING INDUSTRIAL BUSINESSES AND THE CLEAN TECHNOLOGY BUSINESSES OF THE FUTURE.
Case Number:	CPC-2008-3125-CA
Required Action(s):	CA-CODE AMENDMENT
Project Descriptions(s):	THE ADDITION OF A RIVER IMPROVEMENT OVERLAY (RIO) DISTRICT AS SECTION 13.12 OF THE L.A.M.C. IN RESPONSE TO THE LOS ANGELES RIVER REVITALIZATION MASTER PLAN (LARRMP) THAT WAS ADOPTED IN MAY 2007. THIS SUPPLEMENTAL USE DISTRICT WOULD ESTABLISH STANDARDS FOR NEW DEVELOPMENT ALONG WATERWAYS
Case Number:	CPC-2006-5242-ZC-GPA
Required Action(s):	GPA-GENERAL PLAN AMENDMENT
	ZC-ZONE CHANGE
Project Descriptions(s):	ZONE CHANGE AND LAND USE PLAN AMENDMENT TO THE NORTHEAST LOS ANGELES COMMUNITY PLAN PORTION OF THE LAND USE ELEMENT OF THE CITY'S GENERAL PLAN.
Case Number:	CPC-1989-177
Required Action(s):	Data Not Available
Project Descriptions(s):	INTERIM CONTROL ORDINANCE FOR THE ENTIRE NORTHEAST LOS ANGELESDISTRICT PLAN
	CONTINUATION OF CPC-89-0177. SEE GENERAL COMMENTS FOR CONTINUATION.
Case Number:	CPC-1986-826-GPC
Required Action(s):	GPC-GENERAL PLAN/ZONING CONSISTENCY (AB283)
Project Descriptions(s):	GENERAL PLAN/ZONING CONSISTENCY - ZONE CHANGES - HEIGHT DISTRICT CHANGES AND PLAN AMENDMENTS - VARIOUS LOCATIONS
Case Number:	ZA-2016-272-ZAA-SPR-CLQ
Required Action(s):	CLQ-CLARIFICATION OF 'Q' CONDITIONS
	SPR-SITE PLAN REVIEW
	ZAA-AREA,HEIGHT,YARD,AND BLDG LINE ADJMNTS GT 20% (SLIGHT MODIFICATIONS)
Project Descriptions(s):	PURSUANT TO LAMC 12.27 THE APPLICANT REQUEST A ZONE VARIANCE TO PERMIT A DENSITY OF 1 DWELLING/534 PER SQUARE IN LIEU OF THE 1/800 AS REQUIRED BY 12.17.1; PURSUANT TO 16.05 THE APPLICANT REQUEST SITE PLAN REVIEW FOR A PROJECT WITH MORE THAN 50 UNITS; AND PURSUANT TO 12.24W1 THE APPLICANT REQUEST A MASTER CUB FOR A 10,000 SQFT RETAIL SPACE, ALL IN CONJUNCTION WITH CONSTRUCTION OF A NEW 410 RESIDENTIAL PROJECT OVER SEVERAL BUILDINGS AND REHABILITATION OF SEVERAL EXISTING BUILDINGS.
Case Number:	ENV-2016-273-MND
Required Action(s):	MND-MITIGATED NEGATIVE DECLARATION
Project Descriptions(s):	PURSUANT TO LAMC 12.27 THE APPLICANT REQUEST A ZONE VARIANCE TO PERMIT A DENSITY OF 1 DWELLING/534 PER SQUARE IN LIEU OF THE 1/800 AS REQUIRED BY 12.17.1; PURSUANT TO 16.05 THE APPLICANT REQUEST SITE PLAN REVIEW FOR A PROJECT WITH MORE THAN 50 UNITS; AND PURSUANT TO 12.24W1 THE APPLICANT REQUEST A MASTER CUB FOR A 10,000 SQFT RETAIL SPACE, ALL IN CONJUNCTION WITH CONSTRUCTION OF A NEW 410 RESIDENTIAL PROJECT OVER SEVERAL BUILDINGS AND REHABILITATION OF SEVERAL EXISTING BUILDINGS.
Case Number:	ENV-2013-3392-CE
Required Action(s):	CE-CATEGORICAL EXEMPTION
Project Descriptions(s):	THE PROPOSED ORDINANCE MODIFIES SECTION 22.119 OF THE LOS ANGELES ADMINISTRATIVE CODE TO ALLOW ORIGINAL ART MURALS ON LOTS DEVELOPED WITH ONLY ONE SINGLE-FAMILY RESIDENTIAL STRUCTURE AND THAT ARE LOCATED WITHIN COUNCIL DISTRICTS 1, 9, AND 14.
Case Number:	ENV-2009-599-EIR
Required Action(s):	EIR-ENVIRONMENTAL IMPACT REPORT

This report is subject to the terms and conditions as set forth on the website. For more details, please refer to the terms and conditions at zimas.lacity.org
(*) - APN Area is provided "as is" from the Los Angeles County's Public Works, Flood Control, Benefit Assessment.

Project Descriptions(s): THE CORNFIELD ARROYO SPECIFIC PLAN (CASP) WILL GUIDE THE FUTURE DEVELOPMENT OF AN APPROXIMATELY 660 ACRE AREA THAT IS LOCATED WITHIN PORTIONS OF THE CENTRAL CITY NORTH, NORTHEAST, AND SILVERLAKE-ECHO PARK COMMUNITY PLAN AREAS. THE CASP IS INTENDED TO SERVE AS A FRAMEWORK FOR CREATING AN ENVIRONMENTALLY SUSTAINABLE, INCLUSIVE, AND ECONOMICALLY VIABLE AREA. POLICIES INCLUDED IN THE CASP ACCOMODATE A RANGE OF HOUSING OPTIONS, NEW PUBLIC SPACES, OPPORTUNITIES FOR WALKING AND BICYCLING, AND CLUSTERS FOR BOTH EXISTING INDUSTRIAL BUSINESSES AND THE CLEAN TECHNOLOGY BUSINESSES OF THE FUTURE.

DATA NOT AVAILABLE

ORD-182617

ORD-182498

ORD-179280-SA4

ORD-172316

ORD-166216-SA2924

CFG-2000

This report is subject to the terms and conditions as set forth on the website. For more details, please refer to the terms and conditions at zimas.lacity.org
(*) - APN Area is provided "as is" from the Los Angeles County's Public Works, Flood Control, Benefit Assessment.

ZIMAS PUBLIC

Generalized Zoning

06/19/2019

City of Los Angeles
Department of City Planning

Address: 3433 N PASADENA AVE
APN: 5205004007
PIN #: 142-5A223 178

Tract: P M 541
Block: None
Lot: B
Arb: None

Zoning: [T][Q]CM-2D
General Plan: Commercial Manufacturing

Streets Copyright (c) Thomas Brothers Maps, Inc.

LEGEND

GENERALIZED ZONING

- OS, GW
- A, RA
- RE, RS, R1, RU, RZ, RW1
- R2, RD, RMP, RW2, R3, RAS, R4, R5, PVSP
- CR, C1, C1.5, C2, C4, C5, CW, WC, ADP, LASED, CEC, USC, PPSP
- CM, MR, CCS, UV, UI, UC, M1, M2, LAX, M3, SL
- P, PB
- PF

GENERAL PLAN LAND USE

LAND USE

RESIDENTIAL

- Minimum Residential
- Very Low / Very Low I Residential
- Very Low II Residential
- Low / Low I Residential
- Low II Residential
- Low Medium / Low Medium I Residential
- Low Medium II Residential
- Medium Residential
- High Medium Residential
- High Density Residential
- Very High Medium Residential

COMMERCIAL

- Limited Commercial
- Limited Commercial - Mixed Medium Residential
- Highway Oriented Commercial
- Highway Oriented and Limited Commercial
- Highway Oriented Commercial - Mixed Medium Residential
- Neighborhood Office Commercial
- Community Commercial
- Community Commercial -Mixed High Residential
- Regional Center Commercial

INDUSTRIAL

- Commercial Manufacturing
- Limited Manufacturing
- Light Manufacturing
- Heavy Manufacturing
- Hybrid Industrial

PARKING

- Parking Buffer

PORT OF LOS ANGELES

- General / Bulk Cargo - Non Hazardous (Industrial / Commercial)
- General / Bulk Cargo - Hazard
- Commercial Fishing
- Recreation and Commercial
- Intermodal Container Transfer Facility Site

LOS ANGELES INTERNATIONAL AIRPORT

- Airport Landside / Airport Landside Support
- Airport Airside
- LAX Airport Northside

OPEN SPACE / PUBLIC FACILITIES

- Open Space
- Public / Open Space
- Public / Quasi-Public Open Space
- Other Public Open Space
- Public Facilities

FRAMEWORK

COMMERCIAL

- Neighborhood Commercial
- General Commercial
- Community Commercial
- Regional Mixed Commercial

INDUSTRIAL

- Limited Industrial
- Light Industrial

CIRCULATION

STREET

- Arterial Mountain Road
- Collector Scenic Street
- Collector Street
- Collector Street (Hillside)
- Collector Street (Modified)
- Collector Street (Proposed)
- Country Road
- Divided Major Highway II
- Divided Secondary Scenic Highway
- Local Scenic Road
- Local Street
- Major Highway (Modified)
- Major Highway I
- Major Highway II
- Major Highway II (Modified)
- Major Scenic Highway
- Major Scenic Highway (Modified)
- Major Scenic Highway II
- Mountain Collector Street
- Park Road
- Parkway
- Principal Major Highway
- Private Street
- Scenic Divided Major Highway II
- Scenic Park
- Scenic Parkway
- Secondary Highway
- Secondary Highway (Modified)
- Secondary Scenic Highway
- Special Collector Street
- Super Major Highway

FREEWAYS

- Freeway
- Interchange
- On-Ramp / Off- Ramp
- Railroad
- Scenic Freeway Highway

MISC. LINES

- Airport Boundary
- Bus Line
- Coastal Zone Boundary
- Coastline Boundary
- Collector Scenic Street (Proposed)
- Commercial Areas
- Commercial Center
- Community Redevelopment Project Area
- Country Road
- DWP Power Lines
- Desirable Open Space
- Detached Single Family House
- Endangered Ridgeline
- Equestrian and/or Hiking Trail
- Hiking Trail
- Historical Preservation
- Horsekeeping Area
- Local Street
- MSA Desirable Open Space
- Major Scenic Controls
- Multi-Purpose Trail
- Natural Resource Reserve
- Park Road
- Park Road (Proposed)
- Quasi-Public
- Rapid Transit Line
- Residential Planned Development
- Scenic Highway (Obsolete)
- Secondary Scenic Controls
- Secondary Scenic Highway (Proposed)
- Site Boundary
- Southern California Edison Power
- Special Study Area
- Specific Plan Area
- Stagecoach Line
- Wildlife Corridor

POINTS OF INTEREST

- Alternative Youth Hostel (Proposed)
- Animal Shelter
- Area Library
- Area Library (Proposed)
- Bridge
- Campground
- Campground (Proposed)
- Cemetery
- HW Church
- City Hall
- Community Center
- Community Library
- Community Library (Proposed Expansion)
- Community Library (Proposed)
- Community Park
- Community Park (Proposed Expansion)
- Community Park (Proposed)
- Community Transit Center
- Convalescent Hospital
- Correctional Facility
- Cultural / Historic Site (Proposed)
- Cultural / Historical Site
- Cultural Arts Center
- DMV DMV Office
- DWP DWP
- DWP Pumping Station
- Equestrian Center
- HQ Fire Department Headquarters
- Fire Station
- Fire Station (Proposed Expansion)
- Fire Station (Proposed)
- Fire Supply & Maintenance
- Fire Training Site
- Fireboat Station
- Health Center / Medical Facility
- Helistop
- Historic Monument
- Historical / Cultural Monument
- Horsekeeping Area
- Horsekeeping Area (Proposed)
- Horticultural Center
- Hospital
- Hospital (Proposed)
- HW House of Worship
- e Important Ecological Area
- e Important Ecological Area (Proposed)
- Interpretive Center (Proposed)
- JC Junior College
- M MTA / Metrolink Station
- M MTA Station
- MTA Stop
- MWD MWD Headquarters
- Maintenance Yard
- Municipal Office Building
- P Municipal Parking lot
- Neighborhood Park
- Neighborhood Park (Proposed Expansion)
- Neighborhood Park (Proposed)
- Oil Collection Center
- P Parking Enforcement
- HQ Police Headquarters
- Police Station
- Police Station (Proposed Expansion)
- Police Station (Proposed)
- Police Training site
- PO Post Office
- Power Distribution Station
- Power Distribution Station (Proposed)
- Power Receiving Station
- Power Receiving Station (Proposed)
- C Private College
- E Private Elementary School
- Private Golf Course
- Private Golf Course (Proposed)
- JH Private Junior High School
- PS Private Pre-School
- Private Recreation & Cultural Facility
- SH Private Senior High School
- SF Private Special School
- E Public Elementary (Proposed Expansion)
- E Public Elementary School
- E Public Elementary School (Proposed)
- Public Golf Course
- Public Golf Course (Proposed)
- Public Housing
- Public Housing (Proposed Expansion)
- JH Public Junior High School
- JH Public Junior High School (Proposed)
- MS Public Middle School
- SH Public Senior High School
- SH Public Senior High School (Proposed)
- Pumping Station
- Pumping Station (Proposed)
- Refuse Collection Center
- Regional Library
- Regional Library (Proposed Expansion)
- Regional Library (Proposed)
- Regional Park
- Regional Park (Proposed)
- RPD Residential Plan Development
- Scenic View Site
- Scenic View Site (Proposed)
- ADM School District Headquarters
- SC School Unspecified Loc/Type (Proposed)
- Skill Center
- SS Social Services
- Special Feature
- Special Recreation (a)
- SF Special School Facility
- SF Special School Facility (Proposed)
- Steam Plant
- sm Surface Mining
- Trail & Assembly Area
- Trail & Assembly Area (Proposed)
- UTL Utility Yard
- Water Tank Reservoir
- Wildlife Migration Corridor
- Wildlife Preserve Gate

SCHOOLS/PARKS WITH 500 FT. BUFFER

- Existing School/Park Site
- Planned School/Park Site
- Inside 500 Ft. Buffer

- Aquatic Facilities
- Beaches
- Child Care Centers
- Dog Parks
- Golf Course
- Historic Sites
- Horticulture/Gardens
- Skate Parks
- Other Facilities
- Park / Recreation Centers
- Parks
- Performing / Visual Arts Centers
- Recreation Centers
- Senior Citizen Centers
- Opportunity School
- Charter School
- Elementary School
- Span School
- Special Education School
- High School
- Middle School
- Early Education Center

COASTAL ZONE

- Coastal Zone Commission Authority
- Calvo Exclusion Area
- Not in Coastal Zone
- Dual Jurisdictional Coastal Zone

TRANSIT ORIENTED COMMUNITIES (TOC)

- Tier 1
- Tier 2
- Tier 3
- Tier 4

Note: TOC Tier designation and map layers are for reference purposes only. Eligible projects shall demonstrate compliance with Tier eligibility standards prior to the issuance of any permits or approvals. As transit service changes, eligible TOC Incentive Areas will be updated.

WAIVER OF DEDICATION OR IMPROVEMENT

- Public Work Approval (PWA)
- Waiver of Dedication or Improvement (WDI)

LAMC SECTION 85.02 (VEHICLE DWELLING)

- No vehicle dwelling anytime
- No vehicle dwelling overnight between 9:00 PM - 6:00 AM. Must comply with all posted parking restrictions
- Vehicle dwelling allowed. Must comply with all posted parking restrictions

OTHER SYMBOLS

- Lot Line
- Tract Line
- Lot Cut
- Easement
- Zone Boundary
- Building Line
- Lot Split
- Community Driveway
- Building Outlines 2014
- Building Outlines 2008
- Airport Hazard Zone
- Census Tract
- Coastal Zone
- Council District
- LADBS District Office
- Downtown Parking
- Fault Zone
- Fire District No. 1
- Tract Map
- Parcel Map
- Flood Zone
- Hazardous Waste
- High Wind Zone
- Hillside Grading
- Historic Preservation Overlay Zone
- Specific Plan Area
- Very High Fire Hazard Severity Zone
- Oil Wells

City of Los Angeles
Department of City Planning

6/19/2019
PARCEL PROFILE REPORT

PROPERTY ADDRESSES

151 W AVE 34
123 W AVENUE 34
161 W AVENUE 34
151 W AVENUE 34
149 W AVENUE 34
147 W AVENUE 34
145 W AVENUE 34
143 W AVENUE 34
141 W AVENUE 34
135 W AVENUE 34
131 W AVENUE 34
123 W AVE 34
161 W AVE 34
149 W AVE 34
135 W AVE 34
131 W AVE 34
147 W AVE 34
145 W AVE 34
143 W AVE 34
141 W AVE 34

ZIP CODES

90031

RECENT ACTIVITY

Adaptive Reuse Incentive Spec. Plan - ORD 175038
ZA-2016-272-ZAA-SPR-CLQ

CASE NUMBERS

CPC-2018-5580-SP
CPC-2009-598-CA-SP
CPC-2008-3125-CA
CPC-2006-5242-ZC-GPA
CPC-1989-177
CPC-1986-826-GPC
ORD-182617
ORD-182498
ORD-179280-SA4
ORD-172316
ORD-166216-SA2924
ZA-2016-272-ZAA-SPR-CLQ
ZA-19XX-21879
ZA-19XX-21493
ZA-1977-84
YV-1977-84
ENV-2016-273-MND

Address/Legal Information	
PIN Number	142-5A221 662
Lot/Parcel Area (Calculated)	149,503.1 (sq ft)
Thomas Brothers Grid	PAGE 595 - GRID A6
Assessor Parcel No. (APN)	5205004011
Tract	P M 541
Map Reference	BK 5-85
Block	None
Lot	A
Arb (Lot Cut Reference)	None
Map Sheet	142-5A221
	142-5A223
Jurisdictional Information	
Community Plan Area	Northeast Los Angeles
Area Planning Commission	East Los Angeles
Neighborhood Council	Lincoln Heights
Council District	CD 1 - Gilbert Cedillo
Census Tract #	1990.00
LADBS District Office	Los Angeles Metro
Planning and Zoning Information	
Special Notes	None
Zoning	[T][Q]CM-2D
Zoning Information (ZI)	ZI-2129 EAST LOS ANGELES STATE ENTERPRISE ZONE
	ZI-2427 Freeway Adjacent Advisory Notice for Sensitive Uses
	ZI-1117 MTA Project
	ZI-2452 Transit Priority Area in the City of Los Angeles
General Plan Land Use	Commercial Manufacturing
General Plan Note(s)	Yes
Hillside Area (Zoning Code)	No
Specific Plan Area	Cornfield / Arroyo Seco
Subarea	None
Special Land Use / Zoning	None
Design Review Board	No
Historic Preservation Review	No
Historic Preservation Overlay Zone	None
Other Historic Designations	None
Other Historic Survey Information	None
Mills Act Contract	None
CDO: Community Design Overlay	None
CPIO: Community Plan Imp. Overlay	None
Subarea	None
CUGU: Clean Up-Green Up	None
HCR: Hillside Construction Regulation	No
NSO: Neighborhood Stabilization Overlay	No
POD: Pedestrian Oriented Districts	None
RFA: Residential Floor Area District	None
RIO: River Implementation Overlay	No

This report is subject to the terms and conditions as set forth on the website. For more details, please refer to the terms and conditions at zimas.lacity.org
(*) - APN Area is provided "as is" from the Los Angeles County's Public Works, Flood Control, Benefit Assessment.

Summary

AIN: 5205-004-011 1

Situs Address:
141 W AVENUE 34
LOS ANGELES CA 90031-1803

Use Type:	Industrial
Parcel Type:	Regular Fee Parcel
Tax Rate Area:	00004
Parcel Status:	**ACTIVE**
Create Date:	
Delete Date:	
Tax Status:	**CURRENT**
Year Defaulted:	
Exemption:	None

Building (0102) & Land Overview

Use Code:	3300
Design Type:	2700
Quality Class:	DX
# of Units:	0
Beds/Baths:	0/0
Building SqFt:	61,000
Year Built:	1977
Effective Year:	1977
Land SqFt:	157,560

(http://assessormap.co.la.ca.us/Geocortex/Essentials/REST/sites/PAIS/VirtualDirectory/AssessorMaps/ViewMap.html?val=5205-004)

Parcel Map (http://assessormap.co.la.ca.us/Geocortex/Essentials/REST/sites/PAIS/VirtualDirectory/AssessorMaps/ViewMap.html?val=5205-004) / Map Index (http://maps.assessor.lacounty.gov/Geocortex/Essentials/REST/sites/PAIS/VirtualDirectory/AssessorMaps/ViewMap.html?val=5205-NDX)

	2020 Roll Preparation		2019 Current Roll	RC	Year		2001 Base Value
$	2,066,734	$	2,026,210	T	2001	$	1,500,000
$	1,377,819	$	1,350,803	T	2001	$	1,000,000
$	3,444,553	$	3,377,013			$	2,500,000

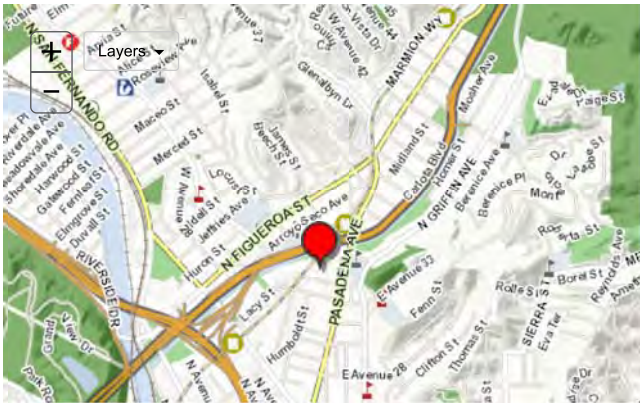
Assessor's Responsible Division

District:	East District Office
Region:	27
Cluster:	27808 CAL STATE LA

East District Office (https://maps.google.com/?q=1190+Durfee+Ave.+South+El+Monte%2C+CA+91733)
1190 Durfee Ave.
South El Monte, CA 91733

Phone: (626) 258-6001
Toll Free: 1 (888) 807-2111
M-F 7:30 am to 5:00 pm

Please set a location or search for an address.



Building and Land Characteristics

Land Information

Use Code = 3300 (Industrial)

Total SqFt (GIS):	157,560
Total SqFt (PDB):	157,784
Usable SqFt:	157,687
Acres:	
Land W' x D':	326 x 484
Sewers:	Yes
Flight Path:	No
X-Traffic:	No
Freeway:	No
Corner Lot:	No
Golf Front:	No
Horse Lot:	No
View:	None
Zoning:	LACM

Code Split: No
Impairment: None

Situs Address:
141 W AVENUE 34 LOS ANGELES CA 90031-1803

Legal Description *(for assessment purposes)*:
*LOT COM AT MOST N COR OF LOT 2 TR NO 23801 TH SE ON NE LINE OF SD LOT 326.55 FT TH S 14¢21'15" W 140.01 FT TH S 9¢ 45'05" W 48.51 FT TH S AND FOLLOWING BDRY LINE OF SD LOT TO W LINE OF LOT 61 WHITTAKER RICHARDSON AND ERNEST SUB OF LOTS 2 AND 3 GRIFFIN TR TH S ON SD W LINE TO NE LINE OF AVE 34 TH NW THEREON TO SE LINE OF L A AND S L R R R/W TH NE THEREON TO BEG LOT 62 AND POR OF LOTS 64 AND 65 WHITTAKER RICHARD- SON AND ERNEST SUB OF LOTS 2 AND 3 GRIFFIN TR AND *POR OF LOT 2 TR NO 23801

Use Code: 3300 (Industrial)
3 = Industrial
3 = Warehousing, Distribution, Storage
0 = Warehousing, Distribution, Under 10,000 SF
0 = One Story

Building Information

SUBPART: ***0102***
Design Type: 2700
Quality Class: DX

# of Units: 0
Beds/Baths: 0/0
Building SqFt: 61,000

Year Built: 1977
Effective Year: 1977
Depreciation: UC20 / / 0

RCN Other: $ 0
RCN Other Trended: $ 0
Year Change:

Design Type: 2700
2 = Commercial
7 = Parking Lot (Commercial or Patron)
0 = Unused or Unknown Code (No Meaning)
0 = Unused or Unknown Code (No Meaning)

SUBPART: ***0202***
Design Type: 3300
Quality Class: C6C

# of Units: 0
Beds/Baths: 0/0
Building SqFt: 87,980

Year Built: 1977
Effective Year: 1977
Depreciation: MC50 / / 0

RCN Other: $ 8,570
RCN Other Trended: $ 43,012
Year Change: 1978

Design Type: 3300
3 = Industrial
3 = Warehousing, Distribution, Storage
0 = Unused or Unknown Code (No Meaning)
0 = Unused or Unknown Code (No Meaning)

SUMMARY: ***Total***

# of Units: 0
Beds/Baths: 0/0
Building SqFt: 87,980
Avg SqFt/Unit:

Events History

Ownership () | Parcel Change ()

Show Re-Assessable Only:

Recording Date	Seq. #	Re-Assessed	# Parcels	%	Ver. Code	DTT Sale Price	Assessed Value
07/17/2000	50	Yes	1	00%-0	A	$ 0	$ 2,500,000
03/31/2000	50	Yes	1	00%-0	A	$ 2,500,000	$ 2,500,000
04/27/1977	50	Yes		00%-0		$ 0	$ 0

Assessment History

Show All: **Hide Inactive Rolls:**

Showing 1 to 10 of 42 entries.

Bill Number	Bill Type	Bill Status	Date to Auditor	Recording Date	Total Value	Land Value	Improvement Value
220-PSEG				07/17/2000	$ 3,444,553	$ 2,066,734	$ 1,377,819
2190000	R	A	07/01/2019	07/17/2000	$ 3,377,013	$ 2,026,210	$ 1,350,803
2180000	R	A	07/19/2018	07/17/2000	$ 3,310,798	$ 1,986,481	$ 1,324,317
2170000	R	A	06/26/2017	07/17/2000	$ 3,245,881	$ 1,947,531	$ 1,298,350
2160000	R	A	07/05/2016	07/17/2000	$ 3,182,238	$ 1,909,345	$ 1,272,893
2150000	R	A	06/23/2015	07/17/2000	$ 3,134,438	$ 1,880,665	$ 1,253,773
2140000	R	A	06/24/2014	07/17/2000	$ 3,073,040	$ 1,843,826	$ 1,229,214
2130000	R	A	06/25/2013	07/17/2000	$ 3,059,152	$ 1,835,493	$ 1,223,659
2120000	R	A	06/27/2012	07/17/2000	$ 2,999,169	$ 1,799,503	$ 1,199,666
2110000	R	A	07/06/2011	07/17/2000	$ 2,940,363	$ 1,764,219	$ 1,176,144

« 1 2 3 4 5 »

© 2017- Los Angeles County Assessor

Contact Us (https://assessor.lacounty.gov/contact-us/) | Disclaimer (disclaimer) | FAQ (faq)

PDB Effective Date: 07/14/2019

(https://facebook.com/LACAssessor) (https://www.twitter.com/LACASSESSOR) (https://www.linkedin.com/company/los-angeles-county-office-of-the-assessor) (https://youtube.com/u

Summary

AIN: 5205-004-005 9

Situs Address:
153 W AVENUE 34
LOS ANGELES CA 90031-1803

Use Type:	Industrial
Parcel Type:	Regular Fee Parcel
Tax Rate Area:	00004
Parcel Status:	**ACTIVE**
Create Date:	
Delete Date:	
Tax Status:	**CURRENT**
Year Defaulted:	
Exemption:	None

Building (0101) & Land Overview

Use Code:	3100
Design Type:	3100
Quality Class:	DX4B
# of Units:	0
Beds/Baths:	0/0
Building SqFt:	3,520
Year Built:	1929
Effective Year:	1929
Land SqFt:	4,800

(http://assessormap.co.la.ca.us/Geocortex/Essentials/REST/sites/PAIS/VirtualDirectory/AssessorMaps/ViewMap.html?val=5205-004)

Parcel Map (http://assessormap.co.la.ca.us/Geocortex/Essentials/REST/sites/PAIS/VirtualDirectory/AssessorMaps/ViewMap.html?val=5205-004) / Map Index (http://maps.assessor.lacounty.gov/Geocortex/Essentials/REST/sites/PAIS/VirtualDirectory/AssessorMaps/ViewMap.html?val=5205-NDX)

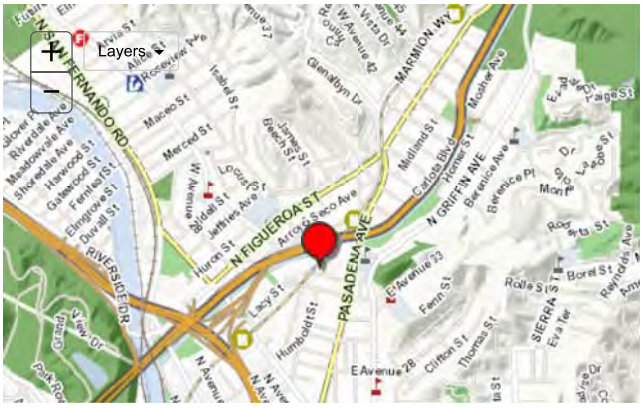
	2020 Roll Preparation		2019 Current Roll	RC	Year		2001 Base Value
$	172,218	$	168,842	T	2001	$	125,000
$	103,327	$	101,301	T	2001	$	75,000
$	275,545	$	270,143			$	200,000

Assessor's Responsible Division

District:	East District Office
Region:	27
Cluster:	27808 CAL STATE LA

East District Office (https://maps.google.com/?q=1190+Durfee+Ave.+South+El+Monte%2C+CA+91733)
1190 Durfee Ave.
South El Monte, CA 91733

Phone: (626) 258-6001
Toll Free: 1 (888) 807-2111
M-F 7:30 am to 5:00 pm



Building and Land Characteristics

Land Information

Use Code = 3100 (Industrial)

Total SqFt (GIS):	4,800
Total SqFt (PDB):	4,800
Usable SqFt:	4,800
Acres:	
Land W' x D':	40 x 120
Sewers:	Yes
Flight Path:	No
X-Traffic:	No
Freeway:	No
Corner Lot:	No
Golf Front:	No
Horse Lot:	No
View:	None
Zoning:	LACM

Code Split: No
Impairment: None

Situs Address:
153 W AVENUE 34 LOS ANGELES CA 90031-1803

Legal Description *(for assessment purposes)*:
WHITTAKER,RICHARDSON AND ERNEST SUB OF LOTS 2 AND 3 GRIFFIN TR LOT 61

Use Code: 3100 (Industrial)
3 = Industrial
1 = Light Manufacturing
0 = Unused or Unknown Code (No Meaning)
0 = One Story

Building Information

SUBPART: ***0101***
Design Type: 3100
Quality Class: DX4B

# of Units: 0
Beds/Baths: 0/0
Building SqFt: 3,520

Year Built: 1929
Effective Year: 1929
Depreciation: UC50 / / 0

RCN Other: $ 0
RCN Other Trended: $ 0
Year Change: 1972

Design Type: 3100
3 = Industrial
1 = Light Manufacturing
0 = Unused or Unknown Code (No Meaning)
0 = Unused or Unknown Code (No Meaning)

SUMMARY: ***Total***

# of Units: 0
Beds/Baths: 0/0
Building SqFt: 3,520
Avg SqFt/Unit:

Events History

Ownership () Parcel Change ()

Show Re-Assessable Only:

Recording Date	Seq. #	Re-Assessed	# Parcels	%	Ver. Code	DTT Sale Price	Assessed Value
07/31/2000	50	Yes	1	00%-0	K	$ 20,000	$ 200,000
02/45/1967	50	Yes		00%-0		$ 0	$ 0

Assessment History

Show All: **Hide Inactive Rolls:** Showing 1 to 10 of 41 entries.

Bill Number	Bill Type	Bill Status	Date to Auditor	Recording Date	Total Value	Land Value	Improvement Value
220-PSEG				07/31/2000	$ 275,545	$ 172,218	$ 103,327
2190000	R	A	07/01/2019	07/31/2000	$ 270,143	$ 168,842	$ 101,301
2180000	R	A	07/19/2018	07/31/2000	$ 264,847	$ 165,532	$ 99,315
2170000	R	A	06/26/2017	07/31/2000	$ 259,655	$ 162,287	$ 97,368
2160000	R	A	07/05/2016	07/31/2000	$ 254,564	$ 159,105	$ 95,459
2150000	R	A	06/23/2015	07/31/2000	$ 250,742	$ 156,716	$ 94,026
2140000	R	A	06/24/2014	07/31/2000	$ 245,832	$ 153,647	$ 92,185

Bill Number	Bill Type	Bill Status	Date to Auditor	Recording Date	Total Value	Land Value	Improvement Value
2130000	R	A	06/25/2013	07/31/2000	$ 244,722	$ 152,953	$ 91,769
2120000	R	A	06/27/2012	07/31/2000	$ 239,924	$ 149,954	$ 89,970
2110000	R	A	07/06/2011	07/31/2000	$ 235,220	$ 147,014	$ 88,206

« 1 2 3 4 5 »

© 2017- Los Angeles County Assessor
Contact Us (https://assessor.lacounty.gov/contact-us/) | Disclaimer (disclaimer) | FAQ (faq)
PDB Effective Date: 07/14/2019

(https://facebook.com/LACAssessor) (https://www.twitter.com/LACASSESSOR) (https://www.linkedin.com/company/los-angeles-county-office-of-the-assessor) (https://youtube.com/u

Summary

AIN: 5205-004-003 1

Situs Address:
3401 PASADENA AVE
LOS ANGELES CA 90031-1929

Use Type:	Industrial
Parcel Type:	Regular Fee Parcel
Tax Rate Area:	00004
Parcel Status:	**ACTIVE**
Create Date:	
Delete Date:	
Tax Status:	**CURRENT**
Year Defaulted:	
Exemption:	None

Building (0102) & Land Overview

Use Code:	3100
Design Type:	3100
Quality Class:	SX
# of Units:	0
Beds/Baths:	0/0
Building SqFt:	4,040
Year Built:	1948
Effective Year:	1948
Land SqFt:	28,794

(http://assessormap.co.la.ca.us/Geocortex/Essentials/REST/sites/PAIS/VirtualDirectory/AssessorMaps/ViewMap.html?val=5205-004)

Parcel Map (http://assessormap.co.la.ca.us/Geocortex/Essentials/REST/sites/PAIS/VirtualDirectory/AssessorMaps/ViewMap.html?val=5205-004) / Map Index (http://maps.assessor.lacounty.gov/Geocortex/Essentials/REST/sites/PAIS/VirtualDirectory/AssessorMaps/ViewMap.html?val=5205-NDX)

	2020 Roll Preparation		2019 Current Roll	RC	Year		2006 Base Value
$	1,874,349	$	1,837,598	T	2006	$	1,721,611
$	624,779	$	612,529	T	2006	$	677,201
$	2,499,128	$	2,450,127			$	2,398,812

Assessor's Responsible Division

District:	East District Office
Region:	27
Cluster:	27808 CAL STATE LA

East District Office (https://maps.google.com/?q=1190+Durfee+Ave.+South+El+Monte%2C+CA+91733)
1190 Durfee Ave.
South El Monte, CA 91733

Phone: (626) 258-6001
Toll Free: 1 (888) 807-2111
M-F 7:30 am to 5:00 pm

Building and Land Characteristics

Land Information

Use Code = 3100 (Industrial)

Total SqFt (GIS):	28,794
Total SqFt (PDB):	
Usable SqFt:	0
Acres:	
Land W' x D':	0 x 0
Sewers:	
Flight Path:	
X-Traffic:	
Freeway:	
Corner Lot:	
Golf Front:	
Horse Lot:	
View:	
Zoning:	LACM

Code Split:
Impairment: None

Situs Address:
3401 PASADENA AVE LOS ANGELES CA 90031-1929

Legal Description *(for assessment purposes)*:
TRACT NO 23801 LOT 3

Use Code: 3100 (Industrial)
3 = Industrial
1 = Light Manufacturing
0 = Unused or Unknown Code (No Meaning)
0 = One Story

Building Information

SUBPART: ***0102***
Design Type: 3100
Quality Class: SX

# of Units: 0
Beds/Baths: 0/0
Building SqFt: 4,040

Year Built: 1948
Effective Year: 1948
Depreciation: UC40 / / 0

RCN Other: $ 3,350
RCN Other Trended: $ 33,285
Year Change: 1972

Design Type: 3100
3 = Industrial
1 = Light Manufacturing
0 = Unused or Unknown Code (No Meaning)
0 = Unused or Unknown Code (No Meaning)

SUBPART: ***0202***
Design Type: 3100
Quality Class: C45A

# of Units: 0
Beds/Baths: 0/0
Building SqFt: 9,600

Year Built: 1925
Effective Year: 1930
Depreciation: UC55 / / 0

RCN Other: $ 0
RCN Other Trended: $ 0
Year Change: 1972

Design Type: 3100
3 = Industrial
1 = Light Manufacturing
0 = Unused or Unknown Code (No Meaning)
0 = Unused or Unknown Code (No Meaning)

SUMMARY: ***Total***

# of Units: 0
Beds/Baths: 0/0
Building SqFt: 13,640
Avg SqFt/Unit:

Events History

Ownership () | Parcel Change ()

Show Re-Assessable Only:

Recording Date	Seq. #	Re-Assessed	# Parcels	%	Ver. Code	DTT Sale Price	Assessed Value
01/10/2006	50	Yes	1	00%-0	A	$ 2,025,020	$ 2,000,000
01/16/2001	50	No		00%-0		$ 0	$ 188,171
11/01/1967	50	Yes	1	00%-0	A	$ 0	$ 0

Assessment History

Show All: **Hide Inactive Rolls:**

Showing 1 to 10 of 42 entries.

Bill Number	Bill Type	Bill Status	Date to Auditor	Recording Date	Total Value	Land Value	Improvement Value
220-PSEG				01/10/2006	$ 2,499,128	$ 1,874,349	$ 624,779
2190000	R	A	07/01/2019	01/10/2006	$ 2,450,127	$ 1,837,598	$ 612,529
2180000	R	A	07/19/2018	01/10/2006	$ 2,402,086	$ 1,801,567	$ 600,519
2170000	R	A	06/26/2017	01/10/2006	$ 2,354,988	$ 1,766,243	$ 588,745
2160000	R	A	07/05/2016	01/10/2006	$ 2,308,812	$ 1,731,611	$ 577,201
2150000	R	A	06/23/2015	01/10/2006	$ 1,910,000	$ 1,510,000	$ 400,000
2140000	R	A	06/24/2014	01/10/2006	$ 1,080,000	$ 810,000	$ 270,000
2130000	R	A	06/25/2013	01/10/2006	$ 887,000	$ 463,000	$ 424,000
2120000	R	A	06/27/2012	01/10/2006	$ 887,000	$ 463,000	$ 424,000
2110000	R	A	07/06/2011	01/10/2006	$ 1,432,000	$ 1,117,000	$ 315,000

« 1 2 3 4 5 »

© 2017- Los Angeles County Assessor
Contact Us (https://assessor.lacounty.gov/contact-us/) | Disclaimer (disclaimer) | FAQ (faq)
PDB Effective Date: 07/14/2019

(https://facebook.com/LACAssessor) (https://www.twitter.com/LACASSESSOR) (https://www.linkedin.com/company/los-angeles-county-office-of-the-assessor) (https://youtube.com/u

Summary

AIN: 5205-004-007 7

Situs Address:
3433 PASADENA AVE
LOS ANGELES CA 90031-1929

Use Type:	Industrial
Parcel Type:	Regular Fee Parcel
Tax Rate Area:	00004
Parcel Status:	**ACTIVE**
Create Date:	
Delete Date:	
Tax Status:	**CURRENT**
Year Defaulted:	
Exemption:	None

Building (0101) & Land Overview

Use Code:	3100
Design Type:	3100
Quality Class:	C6A
# of Units:	0
Beds/Baths:	0/0
Building SqFt:	14,315
Year Built:	1967
Effective Year:	1967
Land SqFt:	28,145

(http://assessormap.co.la.ca.us/Geocortex/Essentials/REST/sites/PAIS/VirtualDirectory/AssessorMaps/ViewMap.html?val=5205-004)

Parcel Map (http://assessormap.co.la.ca.us/Geocortex/Essentials/REST/sites/PAIS/VirtualDirectory/AssessorMaps/ViewMap.html?val=5205-004) / Map Index (http://maps.assessor.lacounty.gov/Geocortex/Essentials/REST/sites/PAIS/VirtualDirectory/AssessorMaps/ViewMap.html?val=5205-NDX)

	2020 Roll Preparation		2019 Current Roll	RC	Year		2006 Base Value
$	1,874,349	$	1,837,598	T	2006	$	1,721,611
$	624,779	$	612,529	T	2006	$	517,201
$	2,499,128	$	2,450,127			$	2,238,812

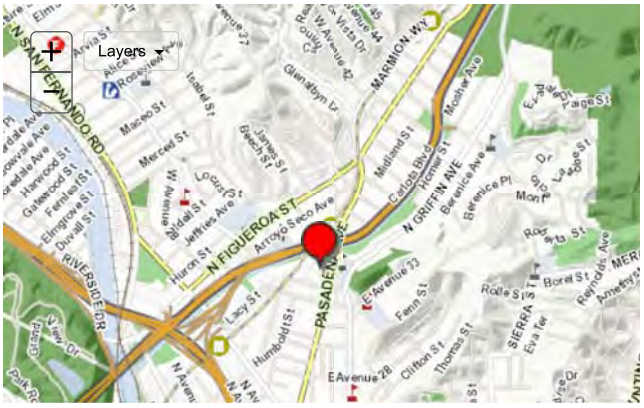
Assessor's Responsible Division

District:	East District Office
Region:	27
Cluster:	27808 CAL STATE LA

East District Office (https://maps.google.com/?q=1190+Durfee+Ave.+South+El+Monte%2C+CA+91733)
1190 Durfee Ave.
South El Monte, CA 91733

Phone: (626) 258-6001
Toll Free: 1 (888) 807-2111
M-F 7:30 am to 5:00 pm

Please set a location or search for an address.



Building and Land Characteristics

Land Information

Use Code = 3100 (Industrial)

Total SqFt (GIS):	28,145
Total SqFt (PDB):	
Usable SqFt:	0
Acres:	
Land W' x D':	0 x 0
Sewers:	
Flight Path:	
X-Traffic:	
Freeway:	
Corner Lot:	
Golf Front:	
Horse Lot:	
View:	
Zoning:	LACM

Code Split:
Impairment: None

Situs Address:
3433 PASADENA AVE LOS ANGELES CA 90031-1929

Legal Description *(for assessment purposes)*:
TRACT NO 23801 LOT COM AT MOST E COR OF LOT 2 TH SW ON NW LINE OF PASADENA AVE TO NE COR OF LOT 3 TH NW ON NE LINE OF SD LOT 3, 149.37 FT TH N 9¢45'05" E 48.51 FT TH N 14¢21'15" E TO NE LINE OF SD LOT 2 TH SE THEREON 149.3 FT TO BEG PART OF LOT 2

Use Code: 3100 (Industrial)
3 = Industrial
1 = Light Manufacturing
0 = Unused or Unknown Code (No Meaning)
0 = One Story

Building Information

SUBPART: ***0101***
Design Type: 3100
Quality Class: C6A

# of Units: 0
Beds/Baths: 0/0
Building SqFt: 14,315

Year Built: 1967
Effective Year: 1967
Depreciation: MC45 / 4K / 0

RCN Other: $ 0
RCN Other Trended: $ 0
Year Change: 1974

Design Type: 3100
3 = Industrial
1 = Light Manufacturing
0 = Unused or Unknown Code (No Meaning)
0 = Unused or Unknown Code (No Meaning)

SUMMARY: ***Total***

# of Units: 0
Beds/Baths: 0/0
Building SqFt: 14,315
Avg SqFt/Unit:

Events History

Ownership () | Parcel Change ()

Show Re-Assessable Only:

Recording Date	Seq. #	Re-Assessed	# Parcels	%	Ver. Code	DTT Sale Price	Assessed Value
01/10/2006	50	Yes	1	00%-0	A	$ 2,000,020	$ 2,000,000
05/09/1986	50	No	1	00%-0	K	$ 0	$ 242,349
08/09/1967	50	Yes	1	00%-0	A	$ 0	$ 0

Assessment History

Show All: **Hide Inactive Rolls:** Showing 1 to 10 of 43 entries.

Bill Number	Bill Type	Bill Status	Date to Auditor	Recording Date	Total Value	Land Value	Improvement Value
220-PSEG				01/10/2006	$ 2,499,128	$ 1,874,349	$ 624,779
2190000	R	A	07/01/2019	01/10/2006	$ 2,450,127	$ 1,837,598	$ 612,529
2180000	R	A	07/19/2018	01/10/2006	$ 2,402,086	$ 1,801,567	$ 600,519
2170000	R	A	06/26/2017	01/10/2006	$ 2,354,988	$ 1,766,243	$ 588,745
2160000	R	A	07/05/2016	01/10/2006	$ 2,308,812	$ 1,731,611	$ 577,201

Bill Number	Bill Type	Bill Status	Date to Auditor	Recording Date	Total Value	Land Value	Improvement Value
2150000	R	A	06/23/2015	01/10/2006	$ 2,070,000	$ 1,510,000	$ 560,000
2140000	R	A	06/24/2014	01/10/2006	$ 1,088,000	$ 588,000	$ 500,000
2130000	R	A	06/25/2013	01/10/2006	$ 1,088,000	$ 588,000	$ 500,000
2120000	R	A	06/27/2012	01/10/2006	$ 1,088,000	$ 588,000	$ 500,000
2110000	R	A	07/06/2011	01/10/2006	$ 1,503,000	$ 1,003,000	$ 500,000

« 1 2 3 4 5 »

© 2017- Los Angeles County Assessor
Contact Us (https://assessor.lacounty.gov/contact-us/) | Disclaimer (disclaimer) | FAQ (faq)
PDB Effective Date: 07/14/2019

(https://facebook.com/LACAssessor) (https://www.twitter.com/LACASSESSOR) (https://www.linkedin.com/company/los-angeles-county-office-of-the-assessor) (https://youtube.com/u

5205 | 4

SCALE 1" = 100'

GRIFFINS ARROYO SECO TRACT
M.R. 22-45

HUNTER HIGHLAND VIEW TRACT
M.R. 4-570

RECORDER'S FILED MAP NO. 604-R
LOS ANGELES & SALT LAKE R.R.CO.
R.F. 604-R

WHITTAKER RICHARDSON AND ERNEST SUBDIVISION OF LOTS 2&3 GRIFFIN TRACT
M.R. 10-2

TRACT NO. 2358
M.B. 23-118-119

TRACT NO. 23801
M.B. 682-49-50

CODE
4

NO. 293 FOR PREV. ASSM'T. SEE: 4-1,3,4,6,8 & 52

REVISED
670908518
670925
710917
7203/6401
770208810
7804/9104

930630070030 01-04
970730050030 02-04
20010806 06
2006032002-27
20060320020020 01-27
20140401 02-27

ASSESSOR'S MAP
COUNTY OF LOS ANGELES, CALIF.

ENV-2013-3392-CE	SN: Sign District	No
ENV-2009-599-EIR	Streetscape	No
ED-74-490-ZV	Adaptive Reuse Incentive Area	Adaptive Reuse Incentive Areas
ED-75-514-ZV	Affordable Housing Linkage Fee	
PKG-4603	Residential Market Area	Medium
PKG-2421	Non-Residential Market Area	Medium
OB-43892	Transit Oriented Communities (TOC)	Tier 3
OB-13748	CRA - Community Redevelopment Agency	None
OB-13747-B	Central City Parking	No
AFF-44508	Downtown Parking	No
AFF-43982	Building Line	None
AFF-43902	500 Ft School Zone	Active: Loreto Street Elementary School Active: Hillside Elementary School Active: Loreto Street Elementary School (Dual Language Spanish)
AFF-40237-A		
	500 Ft Park Zone	No
	Assessor Information	
	Assessor Parcel No. (APN)	5205004011
	APN Area (Co. Public Works)*	3.620 (ac)
	Use Code	3300 - Industrial - Warehousing, Distribution, Storage - Warehousing, Distribution, Under 10,000 SF - One Story
	Assessed Land Val.	$2,026,210
	Assessed Improvement Val.	$1,350,803
	Last Owner Change	07/17/2000
	Last Sale Amount	$0
	Tax Rate Area	4
	Deed Ref No. (City Clerk)	7-891
		481234-35
		429675
		3-14
		2-505
		10902217
		1090217
		0-901
	Building 1	
	Year Built	1977
	Building Class	DX
	Number of Units	0
	Number of Bedrooms	0
	Number of Bathrooms	0
	Building Square Footage	61,000.0 (sq ft)
	Building 2	
	Year Built	1977
	Building Class	C6C
	Number of Units	0
	Number of Bedrooms	0
	Number of Bathrooms	0
	Building Square Footage	87,980.0 (sq ft)
	Building 3	No data for building 3
	Building 4	No data for building 4
	Building 5	No data for building 5
	Additional Information	
	Airport Hazard	None
	Coastal Zone	None
	Farmland	Area Not Mapped
	Urban Agriculture Incentive Zone	YES
	Very High Fire Hazard Severity Zone	No

This report is subject to the terms and conditions as set forth on the website. For more details, please refer to the terms and conditions at zimas.lacity.org
(*) - APN Area is provided "as is" from the Los Angeles County's Public Works, Flood Control, Benefit Assessment.

Fire District No. 1	No
Flood Zone	None
Watercourse	No
Hazardous Waste / Border Zone Properties	No
Methane Hazard Site	None
High Wind Velocity Areas	No
Special Grading Area (BOE Basic Grid Map A-13372)	No
Oil Wells	None
Seismic Hazards	
Active Fault Near-Source Zone	
Nearest Fault (Distance in km)	1.48364448
Nearest Fault (Name)	Upper Elysian Park
Region	Los Angeles Blind Thrusts
Fault Type	B
Slip Rate (mm/year)	1.30000000
Slip Geometry	Reverse
Slip Type	Poorly Constrained
Down Dip Width (km)	13.00000000
Rupture Top	3.00000000
Rupture Bottom	13.00000000
Dip Angle (degrees)	50.00000000
Maximum Magnitude	6.40000000
Alquist-Priolo Fault Zone	No
Landslide	No
Liquefaction	Yes
Preliminary Fault Rupture Study Area	No
Tsunami Inundation Zone	No
Economic Development Areas	
Business Improvement District	LINCOLN HEIGHTS INDUSTRIAL ZONE
Opportunity Zone	Yes
Promise Zone	None
Renewal Community	No
Revitalization Zone	Central City
State Enterprise Zone	EAST LOS ANGELES STATE ENTERPRISE ZONE
Targeted Neighborhood Initiative	None
Housing	
Direct all Inquiries to	Housing+Community Investment Department
Telephone	(866) 557-7368
Website	http://hcidla.lacity.org
Rent Stabilization Ordinance (RSO)	No
Ellis Act Property	No
Public Safety	
Police Information	
Bureau	Central
Division / Station	Hollenbeck
Reporting District	412
Fire Information	
Bureau	Central
Batallion	2
District / Fire Station	1
Red Flag Restricted Parking	No

This report is subject to the terms and conditions as set forth on the website. For more details, please refer to the terms and conditions at zimas.lacity.org
(*) - APN Area is provided "as is" from the Los Angeles County's Public Works, Flood Control, Benefit Assessment.

CASE SUMMARIES

Note: Information for case summaries is retrieved from the Planning Department's Plan Case Tracking System (PCTS) database.

Case Number:	CPC-2018-5580-SP
Required Action(s):	SP-SPECIFIC PLAN (INCLUDING AMENDMENTS)
Project Descriptions(s):	SPECIFIC PLAN AMENDMENT (11.5.7G)
Case Number:	CPC-2009-598-CA-SP
Required Action(s):	SP-SPECIFIC PLAN (INCLUDING AMENDMENTS)
	CA-CODE AMENDMENT
Project Descriptions(s):	THE CORNFIELD ARROYO SPECIFIC PLAN (CASP) WILL GUIDE THE FUTURE DEVELOPMENT OF AN APPROXIMATELY 660 ACRE AREA THAT IS LOCATED WITHIN PORTIONS OF THE CENTRAL CITY NORTH, NORTHEAST, AND SILVERLAKE-ECHO PARK COMMUNITY PLAN AREAS. THE CASP IS INTENDED TO SERVE AS A FRAMEWORK FOR CREATING AN ENVIRONMENTALLY SUSTAINABLE, INCLUSIVE, AND ECONOMICALLY VIABLE AREA. POLICIES INCLUDED IN THE CASP ACCOMODATE A RANGE OF HOUSING OPTIONS, NEW PUBLIC SPACES, OPPORTUNITIES FOR WALKING AND BICYCLING, AND CLUSTERS FOR BOTH EXISTING INDUSTRIAL BUSINESSES AND THE CLEAN TECHNOLOGY BUSINESSES OF THE FUTURE.
Case Number:	CPC-2008-3125-CA
Required Action(s):	CA-CODE AMENDMENT
Project Descriptions(s):	THE ADDITION OF A RIVER IMPROVEMENT OVERLAY (RIO) DISTRICT AS SECTION 13.12 OF THE L.A.M.C. IN RESPONSE TO THE LOS ANGELES RIVER REVITALIZATION MASTER PLAN (LARRMP) THAT WAS ADOPTED IN MAY 2007. THIS SUPPLEMENTAL USE DISTRICT WOULD ESTABLISH STANDARDS FOR NEW DEVELOPMENT ALONG WATERWAYS
Case Number:	CPC-2006-5242-ZC-GPA
Required Action(s):	GPA-GENERAL PLAN AMENDMENT
	ZC-ZONE CHANGE
Project Descriptions(s):	ZONE CHANGE AND LAND USE PLAN AMENDMENT TO THE NORTHEAST LOS ANGELES COMMUNITY PLAN PORTION OF THE LAND USE ELEMENT OF THE CITY'S GENERAL PLAN.
Case Number:	CPC-1989-177
Required Action(s):	Data Not Available
Project Descriptions(s):	INTERIM CONTROL ORDINANCE FOR THE ENTIRE NORTHEAST LOS ANGELESDISTRICT PLAN
	CONTINUATION OF CPC-89-0177. SEE GENERAL COMMENTS FOR CONTINUATION.
Case Number:	CPC-1986-826-GPC
Required Action(s):	GPC-GENERAL PLAN/ZONING CONSISTENCY (AB283)
Project Descriptions(s):	GENERAL PLAN/ZONING CONSISTENCY - ZONE CHANGES - HEIGHT DISTRICT CHANGES AND PLAN AMENDMENTS - VARIOUS LOCATIONS
Case Number:	ZA-2016-272-ZAA-SPR-CLQ
Required Action(s):	CLQ-CLARIFICATION OF 'Q' CONDITIONS
	SPR-SITE PLAN REVIEW
	ZAA-AREA,HEIGHT,YARD,AND BLDG LINE ADJMNTS GT 20% (SLIGHT MODIFICATIONS)
Project Descriptions(s):	PURSUANT TO LAMC 12.27 THE APPLICANT REQUEST A ZONE VARIANCE TO PERMIT A DENSITY OF 1 DWELLING/534 PER SQUARE IN LIEU OF THE 1/800 AS REQUIRED BY 12.17.1; PURSUANT TO 16.05 THE APPLICANT REQUEST SITE PLAN REVIEW FOR A PROJECT WITH MORE THAN 50 UNITS; AND PURSUANT TO 12.24W1 THE APPLICANT REQUEST A MASTER CUB FOR A 10,000 SQFT RETAIL SPACE, ALL IN CONJUNCTION WITH CONSTRUCTION OF A NEW 410 RESIDENTIAL PROJECT OVER SEVERAL BUILDINGS AND REHABILITATION OF SEVERAL EXISTING BUILDINGS.
Case Number:	ZA-19XX-21879
Required Action(s):	Data Not Available
Project Descriptions(s):	
Case Number:	ZA-19XX-21493
Required Action(s):	Data Not Available
Project Descriptions(s):	
Case Number:	ZA-1977-84
Required Action(s):	Data Not Available
Project Descriptions(s):	
Case Number:	ENV-2016-273-MND
Required Action(s):	MND-MITIGATED NEGATIVE DECLARATION
Project Descriptions(s):	PURSUANT TO LAMC 12.27 THE APPLICANT REQUEST A ZONE VARIANCE TO PERMIT A DENSITY OF 1 DWELLING/534 PER SQUARE IN LIEU OF THE 1/800 AS REQUIRED BY 12.17.1; PURSUANT TO 16.05 THE APPLICANT REQUEST SITE PLAN REVIEW FOR A PROJECT WITH MORE THAN 50 UNITS; AND PURSUANT TO 12.24W1 THE APPLICANT REQUEST A MASTER CUB FOR A 10,000 SQFT RETAIL SPACE, ALL IN CONJUNCTION WITH CONSTRUCTION OF A NEW 410 RESIDENTIAL PROJECT OVER SEVERAL BUILDINGS AND REHABILITATION OF SEVERAL EXISTING BUILDINGS.
Case Number:	ENV-2013-3392-CE
Required Action(s):	CE-CATEGORICAL EXEMPTION

This report is subject to the terms and conditions as set forth on the website. For more details, please refer to the terms and conditions at zimas.lacity.org
(*) - APN Area is provided "as is" from the Los Angeles County's Public Works, Flood Control, Benefit Assessment.

Project Descriptions(s):	THE PROPOSED ORDINANCE MODIFIES SECTION 22.119 OF THE LOS ANGELES ADMINISTRATIVE CODE TO ALLOW ORIGINAL ART MURALS ON LOTS DEVELOPED WITH ONLY ONE SINGLE-FAMILY RESIDENTIAL STRUCTURE AND THAT ARE LOCATED WITHIN COUNCIL DISTRICTS 1, 9, AND 14.
Case Number:	ENV-2009-599-EIR
Required Action(s):	EIR-ENVIRONMENTAL IMPACT REPORT
Project Descriptions(s):	THE CORNFIELD ARROYO SPECIFIC PLAN (CASP) WILL GUIDE THE FUTURE DEVELOPMENT OF AN APPROXIMATELY 660 ACRE AREA THAT IS LOCATED WITHIN PORTIONS OF THE CENTRAL CITY NORTH, NORTHEAST, AND SILVERLAKE-ECHO PARK COMMUNITY PLAN AREAS. THE CASP IS INTENDED TO SERVE AS A FRAMEWORK FOR CREATING AN ENVIRONMENTALLY SUSTAINABLE, INCLUSIVE, AND ECONOMICALLY VIABLE AREA. POLICIES INCLUDED IN THE CASP ACCOMODATE A RANGE OF HOUSING OPTIONS, NEW PUBLIC SPACES, OPPORTUNITIES FOR WALKING AND BICYCLING, AND CLUSTERS FOR BOTH EXISTING INDUSTRIAL BUSINESSES AND THE CLEAN TECHNOLOGY BUSINESSES OF THE FUTURE.
Case Number:	ED-74-490-ZV
Required Action(s):	ZV-ZONE VARIANCE
Project Descriptions(s):	Data Not Available
Case Number:	ED-75-514-ZV
Required Action(s):	ZV-ZONE VARIANCE
Project Descriptions(s):	Data Not Available
Case Number:	OB-13747-B
Required Action(s):	B-PRIVATE STREET MODIFICATIONS (2ND REQUEST)
Project Descriptions(s):	Data Not Available
Case Number:	AFF-40237-A
Required Action(s):	A-PRIVATE STREET MODIFICATIONS (1ST REQUEST)
Project Descriptions(s):	Data Not Available

DATA NOT AVAILABLE

ORD-182617
ORD-182498
ORD-179280-SA4
ORD-172316
ORD-166216-SA2924
YV-1977-84
PKG-4603
PKG-2421
OB-43892
OB-13748
AFF-44508
AFF-43982
AFF-43902

This report is subject to the terms and conditions as set forth on the website. For more details, please refer to the terms and conditions at zimas.lacity.org
(*) - APN Area is provided "as is" from the Los Angeles County's Public Works, Flood Control, Benefit Assessment.

Appendix D

Regulatory Database

135 141 153 West Avenue 34 3401 3433 Pasadena Ave
135 141 153 West Avenue 34 3401 3433 Pasadena Ave
Los Angeles, CA 90031

Inquiry Number: 5694144.2s
June 24, 2019

The EDR Radius Map™ Report with GeoCheck®

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION	PAGE
Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	9
Orphan Summary	330
Government Records Searched/Data Currency Tracking	GR-1

GEOCHECK ADDENDUM

Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting Source Map	A-7
Physical Setting Source Map Findings	A-8
Physical Setting Source Records Searched	PSGR-1

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2019 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

135 141 153 WEST AVENUE 34 3401 3433 PASADENA AVE
LOS ANGELES, CA 90031

COORDINATES

Latitude (North):	34.0847510 - 34° 5' 5.10''
Longitude (West):	118.2143100 - 118° 12' 51.51''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	387966.9
UTM Y (Meters):	3772023.8
Elevation:	372 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5630795 LOS ANGELES, CA
Version Date:	2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20140515
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
135 141 153 WEST AVENUE 34 3401 3433 PASADENA AVE
LOS ANGELES, CA 90031

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	WILLIAM PILE ENTERPR	153 W AVENUE 34	HAZMAT		TP
A2	TOUCHSTONE PICTURES	141 W AVE 34	HAZNET		TP
A3	20TH CENTURY FOX (TH	3401 PASADENA AVE	HAZNET		TP
A4	AMERICAN CASTER CORP	141 W AVENUE 34	RCRA-SQG, FINDS, ECHO, EMI, HAZNET, CERS		TP
A5	JARDINERO PRODUCTION	135 W AVENUE 34	HAZNET		TP
A6	RUSH HOUR PRODUCTION	141 W AVENUE 34	HAZNET		TP
A7	BIRDDOG	135 W AVENUE 34	HAZNET		TP
A8	GONE GIRL	3433 PASADENA AVE	HAZNET		TP
A9	MONEYBALL	3433 PASADENA AVE	HAZNET		TP
A10	WARNER BROS	135 W AVENUE 34	HAZNET		TP
A11	ALL ABOUT STEVE MOVI	135 W AVE 34	RCRA NonGen / NLR		TP
A12	INFORMANT PRODUCTION	3433 PASADENA AVE	HAZNET		TP
A13	ALL ABOUT STEVE MOVI	135 W AVE 34	FINDS, ECHO		TP
A14	E D 1125 INC	3401 PASADENA AVE	HAZNET		TP
A15	TOMCATS	141 W AVE 34	HAZNET		TP
A16	END OF WATCH LLC	3433 PASADENA AVE	HAZNET		TP
A17	WARNER BROS HANGOVER	3433 PASADENA AVE	HAZNET		TP
A18	SOUL PRODUCTION LLC	135 W AVENUE 34	HAZNET		TP
A19	ORTIZ BROTHERS MOVIN	135 W AVENUE 34	HAZNET		TP
A20	WARNER BROS PICTURES	3433 PASADENA AVE	FINDS, ECHO		TP
A21	ELASTIC COATINGS ORG	3401 PASADENA AVENUE	HAZNET		TP
A22	STEP UP 3D	135 W AVENUE 34	HAZNET		TP
A23	ORTIZ BROTHERS MOVIN	135 W AVENUE 34	HAZNET		TP
A24	FIVE CONTINENT IMPOR	141 W AVENUE 34	HAZNET		TP
A25	LOVE & BASKETBALL	135 W AVE 34	HAZNET		TP
A26	LIE TO ME	141 W AVENUE 34	HAZNET		TP
A27	ALL ABOUT STEVE MOVI	135 W AVE 34 BLDG 13	HAZNET		TP
A28	NURSE BETTY PRODUCTI	135 W AVENUE 34	HAZNET		TP
A29	ABC SIGNATURE STUDIO	141 W. AVENUE 34	HAZNET		TP
A30	BOB BAKER PRODUCTION	3401 PASADENA AVENUE	EMI		TP
A31	20TH CENTURY FOX/DAR	135 W AVE 34	HAZNET		TP
A32	BATTLE OF THE SEXES	141 W AVE 34	HAZNET		TP
A33	HOTEL FOR DOGS	3433 PASADENA AVE	HAZNET		TP
A34	WARNER BROS PICTURES	3433 PASADENA AVE	RCRA NonGen / NLR		TP
A35	OLIVERS ARROW MOVIE	135 W AVENUE 34	HAZNET		TP
A36	DREAMWORKS PRODUCTIO	141 W AVENUE 34	HAZNET		TP
A37	FOX GONE GIRL	3433 PASADENA AVE	HAZNET		TP
38	AMERICAN CASTER CORP	157 W AVENUE 34	HAZMAT	Lower	1 ft.
39		3445 PASADENA AVE	UST	Higher	14, 0.003, ENE

MAPPED SITES SUMMARY

Target Property Address:
135 141 153 WEST AVENUE 34 3401 3433 PASADENA AVE
LOS ANGELES, CA 90031

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
40		3360 PASADENA AVE	UST	Higher	52, 0.010, SE
B41	WELCH'S UNIFORM RENT	3505 N PASADENA AVE	UST	Lower	142, 0.027, NNE
B42	FORMER WELCH'S UNIFO	3505 PASADENA AVENUE	RCRA-LQG, ENVIROSTOR, LUST, CPS-SLIC, VCP, SWEEPS..	Lower	142, 0.027, NNE
B43	WELCH OVERALL CLEANI	3505 PASADENA AVE	DRYCLEANERS	Lower	142, 0.027, NNE
B44	WELCH'S UNIFORM RENT	3505 N PASADENA AVE	HAZMAT	Lower	142, 0.027, NNE
B45	WELCHS OVERALL LAUND	3505 PASADENA AVENUE	EDR Hist Cleaner	Lower	142, 0.027, NNE
B46		3505 PASADENA AVE	UST	Lower	142, 0.027, NNE
B47	WELCH UNIFORM	3505 PASADENA	CPS-SLIC	Lower	142, 0.027, NNE
C48	CALIFORNIA DEPARTMEN	403 W AVE 33	RCRA NonGen / NLR	Lower	213, 0.040, West
C49	SOUTHERN CALIFORNIA	403 W AVENUE 33	RCRA-LQG, FINDS, ECHO	Lower	213, 0.040, West
C50	CALIF DEPT OF FOOD &	403 W AVENUE 33	HAZMAT	Lower	213, 0.040, West
C51	CALIFORNIA DEPARTMEN	403 W AVENUE 33	CERS HAZ WASTE, CERS	Lower	213, 0.040, West
C52	CALIF DEPT OF FOOD &	403 W AVENUE 33	UST	Lower	213, 0.040, West
D53	RUSSING ENGINEERING	211 W AVE 33	RCRA-SQG, FINDS, ECHO	Lower	246, 0.047, SSW
D54	RUSSING ENGINEERING,	211 W AVENUE 33	HAZMAT	Lower	246, 0.047, SSW
D55	ADIN OF CALIFORNIA	119 W AVENUE 33	RCRA NonGen / NLR	Lower	248, 0.047, South
D56	ADIN OF CALIFORNIA	119 W AVE 33	RCRA-SQG	Lower	248, 0.047, South
E57	JS AUTOBODY	315 W AVE 33	RCRA-SQG, FINDS, ECHO, HAZNET	Lower	253, 0.048, WSW
E58	G/G AIR CONDITIONING	311 W AVENUE 33	SWEEPS UST, CA FID UST	Lower	264, 0.050, WSW
E59	G & G AIR CONDITIONI	311 W AVENUE 33	UST	Lower	264, 0.050, WSW
E60	G & G AIR CONDITIONI	311 W AVENUE 33	HAZMAT	Lower	264, 0.050, WSW
F61	SMITH W P	3500 PASADENA AVENUE	EDR Hist Cleaner	Higher	321, 0.061, NE
F62	CHUY CARBURATORS	3500 N PASADENA AVE	HAZMAT	Higher	321, 0.061, NE
G63	LA DWP - DISTRIBUTIO	3436 N MARMION WY	HAZMAT	Lower	339, 0.064, NNW
G64	DISTRIBUTING STATION	3436 MARMION WAY	AST	Lower	339, 0.064, NNW
F65	LAUSD - HILLSIDE ELE	120 E AVENUE 35	HAZMAT	Higher	347, 0.066, ENE
F66	LA USD HILLSIDE EL	120 E AVE 35	RCRA-SQG, FINDS, ECHO	Higher	347, 0.066, ENE
H67	W. HEATH AND COMPANY	3225 LACY ST	HIST UST	Lower	574, 0.109, West
H68	LAUSD - MAINTENANCE	3225 E LACY ST	UST	Lower	574, 0.109, West
H69	W HEATH AND COMPANY	3225 LACY ST	SWEEPS UST, HIST UST, CA FID UST	Lower	574, 0.109, West
H70	MAINTENANCE AND OPER	3225 LACY STREET	RCRA-LQG	Lower	574, 0.109, West
H71	LAUSD - MAINTENANCE	3225 E LACY ST	HAZMAT	Lower	574, 0.109, West
H72	HEATH & CO	3225 LACY ST	LUST, FINDS, ECHO, HIST CORTESE, CERS	Lower	574, 0.109, West
H73	CITY OF LA - DEPT OF	3201 E LACY ST	HAZMAT	Lower	628, 0.119, WSW
I74	ITT CANNON	3209 E HUMBOLDT ST	HAZMAT	Lower	628, 0.119, SW
I75	ITT CANNON	3209 E HUMBOLDT ST	UST	Lower	628, 0.119, SW
I76	KENNINGTON	3209 HUMBOLDT ST.	RCRA-SQG, FINDS	Lower	644, 0.122, SSW
I77	KENNINGTON LTD. (ITT	3209 HUMBOLDT ST.	SEMS, ENVIROSTOR, VCP, SWEEPS UST, CA FID UST,...	Lower	644, 0.122, SSW
I78	KENNINGTON PROPERTIE	3209 HUMBOLT ST	CPS-SLIC, LA Co. Site Mitigation, CERS	Lower	644, 0.122, SSW

MAPPED SITES SUMMARY

Target Property Address:
135 141 153 WEST AVENUE 34 3401 3433 PASADENA AVE
LOS ANGELES, CA 90031

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
79		3300 GRIFFIN AVE	UST	Higher	657, 0.124, ESE
I80	SELF-REALIZATION FEL	3208 HUMBOLDT STREET	RCRA-SQG, FINDS, ECHO	Lower	670, 0.127, SSW
I81	SELF REALIZATION FEL	3208 E HUMBOLDT ST	HAZMAT, CERS	Lower	670, 0.127, SSW
J82		3511 CARLOTA BLVD	UST	Lower	676, 0.128, NE
K83	LOS ANGELES USD LORE	3408 ARROYO SECO AVE	RCRA-SQG, FINDS, ECHO	Lower	717, 0.136, NW
K84	LORETO STREET ELEMEN	3408 ARROYO SECO AVE	ENVIROSTOR, SCH	Lower	717, 0.136, NW
K85	LAUSD - LORETO STREE	3408 N ARROYO SECO A	UST	Lower	717, 0.136, NW
K86	LAUSD - LORETO STREE	3408 N ARROYO SECO A	HAZMAT	Lower	717, 0.136, NW
L87	SIMPLEX GRINNELL	2684 E LACY ST	HAZMAT	Lower	764, 0.145, WSW
J88	MR. DUNG THAI	3543 PASADENA AVE	UST	Lower	795, 0.151, NNE
J89		3550 PASADENA AVE	UST	Lower	801, 0.152, NE
J90	JSL FOODS INC	3550 PASADENA AVE	RCRA NonGen / NLR	Lower	801, 0.152, NE
J91		3545-55 PASADENA AVE	UST	Lower	802, 0.152, NNE
M92	LINE 765 RECEIVER	CYPRESS AVE AND ARRO	RCRA-LQG	Lower	881, 0.167, WNW
M93	JORDAN NUCLEAR CO.	3244 N ARROYO SECO A	HAZMAT	Lower	884, 0.167, WNW
J94	FLAVOR FOODS INC.	3580 PASADENA AVE	SWEEPS UST, CA FID UST	Lower	887, 0.168, NE
J95	FOOD FOR LIFE	3580 PASADENA AVE	LUST, HIST UST, HIST CORTESE, CERS	Lower	887, 0.168, NE
J96		3580 PASADENA AVE	UST	Lower	887, 0.168, NE
J97		3548 PASADENA AVE	UST	Lower	927, 0.176, NE
N98	LINCOLN HEIGHTS DIST	3101 ARTESIAN ST	SWEEPS UST, CA FID UST	Lower	982, 0.186, SW
N99	LA DWP - LINCOLN HEI	3101 E ARTESIAN ST	UST	Lower	982, 0.186, SW
N100	LINCOLN HEIGHTS SERV	3101 ARTESIAN ST	LUST	Lower	982, 0.186, SW
N101	P D D CONSTRUCTION M	3101 ARTESIAN ST	RCRA-SQG, FINDS, ECHO	Lower	982, 0.186, SW
N102	LA DWP - LINCOLN HEI	3101 E ARTESIAN ST	HAZMAT	Lower	982, 0.186, SW
N103	LINCOLN HEIGHTS SERV	3101 ARTESIAN ST	LUST, CERS HAZ WASTE, HIST UST, CERS TANKS, HIST...	Lower	982, 0.186, SW
N104	LINCOLN HEIGHTS SERV	3101 ARTESIAN ST	UST, HIST UST	Lower	982, 0.186, SW
L105	LA LACY STREET TRANS	2661 LACY ST	RCRA-SQG, FINDS, ECHO	Lower	1018, 0.193, WSW
O106	MIKE'S TRANSMISSION	3500 N FIGUEROA ST	SWEEPS UST, CA FID UST, HAZMAT	Higher	1083, 0.205, NNW
O107	A B AUTO REPAIR & MU	3500 N FIGUEROA ST #	RCRA NonGen / NLR	Higher	1083, 0.205, NNW
O108	AB AUTO REPAIR & MUF	3500 N FIGUEROA ST #	RCRA NonGen / NLR	Higher	1083, 0.205, NNW
O109	MIKES TRANSMISSION	3500 N FIGUEROA ST	HIST UST	Higher	1083, 0.205, NNW
M110	UNION THREE AUTO SER	3304 N FIGUEROA ST	SWEEPS UST, CA FID UST	Lower	1114, 0.211, WNW
M111	UNION 3 AUTO SERVICE	3304 N FIGUEROA ST	RCRA NonGen / NLR	Lower	1114, 0.211, WNW
M112	UNION 3 AUTO SERVICE	3304 N FIGUEROA ST	CERS HAZ WASTE, HAZNET, HAZMAT, CERS	Lower	1114, 0.211, WNW
P113	BROMACK MANUFACTURIN	3005 HUMBOLDT ST	RCRA NonGen / NLR	Lower	1119, 0.212, SSW
P114	THE BROMACK COMPANY	3005 HUMBOLDT ST	CERS HAZ WASTE, EMI, HAZNET, HAZMAT, CERS	Lower	1119, 0.212, SSW
Q115	FACTORY APRON/TOWEL	3200 N FIGUEROA ST	SWEEPS UST, HIST UST, CA FID UST, EMI, HAZMAT	Lower	1182, 0.224, West
Q116	AMERICAN WEST FINISH	3200 N FIGUEROA ST	UST	Lower	1182, 0.224, West
Q117	FACTORY ARRON & TOWE	3200 N FIGUEROA ST	DRYCLEANERS	Lower	1182, 0.224, West

MAPPED SITES SUMMARY

Target Property Address:
135 141 153 WEST AVENUE 34 3401 3433 PASADENA AVE
LOS ANGELES, CA 90031

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
Q118	RENTA UNIFORM & TOWE	3200 NORTH FIGUEROA	RCRA-SQG, HIST UST, FINDS, ECHO	Lower	1182, 0.224, West
N119	NI WEST INCORPORATED	3011 HUMBOLDT STREET	SEMS-ARCHIVE	Lower	1211, 0.229, SSW
R120	LOS ANGELES USD NIGH	3311 N FIGUEROA ST	RCRA-SQG, FINDS, ECHO	Higher	1216, 0.230, NW
R121	LAUSD/NIGHTINGALE JH	3311 N FIGUEROA ST	CERS HAZ WASTE, HAZNET, HAZMAT, CERS	Higher	1216, 0.230, NW
P122	ALVARADO CUSTOM FURN	2907 HUMBOLDT ST	RCRA NonGen / NLR	Lower	1217, 0.230, SSW
P123	ALVARADO CUSTOM FURN	2907 E HUMBOLDT ST	CERS HAZ WASTE, HAZMAT, CERS	Lower	1217, 0.230, SSW
P124	BEST MANUFACTURING I	2903 E HUMBOLDT ST	HAZMAT	Lower	1219, 0.231, SSW
125		2636 LACY ST	UST	Lower	1285, 0.243, WSW
Q126	PHILLIP YEE HEATING	3229 N FIGUEROA ST	HAZMAT	Lower	1306, 0.247, WNW
S127	JAYBEE/ AJAX MFG COR	301 WEST AVE. 26	ENVIROSTOR, VCP, EMI	Lower	1538, 0.291, SW
S128	JAYBEE AJAX MANUFACT	301 WEST AVENUE 26	SEMS	Lower	1538, 0.291, SW
T129	LACY'S STREET DUMP	400 26TH AVENUE	WMUDS/SWAT, LDS, CERS	Lower	1648, 0.312, WSW
T130	LACY STREET / LA CIT	400 WEST AVENUE 26	SWF/LF	Lower	1708, 0.323, WSW
U131	MOBIL #18-BV7	2620 FIGUEROA ST.	LUST, CERS	Lower	1751, 0.332, West
V132	BILL'S AUTOMOTIVE (F	100 AVENUE 28 E	LUST	Higher	1770, 0.335, South
W133	LACY STREET/ LA CITY	400 AVE. 26, (ENTRAN	SWF/LF, CERS	Lower	1781, 0.337, SW
W134	PROPOSED AMCAL MULTI	306-360 W. AVE. 26	ENVIROSTOR	Lower	1839, 0.348, SW
V135	BILL'S AUTOMOTIVE #1	100 E AVENUE 28	LUST, SWEEPS UST, CA FID UST	Higher	1849, 0.350, South
136	BARON MANUFACTURING	241 AVENUE 26	ENVIROSTOR	Lower	1855, 0.351, SSW
W137	THE E.B. MALONE CORP	306-360 AVENUE 26	CPS-SLIC, CERS	Lower	1884, 0.357, SW
U138	AVENUE 26 & FIGUEROA	AVENUE 26 & FIGEROA	WMUDS/SWAT	Lower	1979, 0.375, West
U139	CHEVRON #9-3707	2601 FIGUEROA	LUST, HIST CORTESE	Lower	2008, 0.380, West
U140	SHELL	2600 FIGUEROA	ENF, HIST CORTESE	Lower	2011, 0.381, West
U141	SHELL	2600-2606 FIGUEROA S	LUST, CERS	Lower	2011, 0.381, West
X142	76 STATION #0857	2250 FIGUEROA ST. N.	LUST, CERS	Lower	2054, 0.389, West
X143	TOSCO S.S. #0857	2250 FIGUEROA ST N	LUST, HIST CORTESE, CERS	Lower	2054, 0.389, West
X144	ARCO FACILITY NO. 96	2251 FIGUEROA ST. N	LUST, CERS	Lower	2252, 0.427, West
145	BARON MFG	241 AVE 26	SEMS-ARCHIVE	Lower	2333, 0.442, South
146	28TH AND DELL AVENUE	VENICE	Notify 65	Lower	2684, 0.508, WNW
147	VICTOR S INDUSTRIAL	138 N SAN FERNANDO R	ENVIROSTOR, VCP, DEED, HAZMAT, LA Co. Site...	Lower	3766, 0.713, SSW
Y148	NATIONAL AIRCRAFT EQ		ENVIROSTOR	Higher	3936, 0.745, WSW
Y149	NATIONAL AIRCRAFT EQ		FUDS	Higher	3951, 0.748, WSW
150	INDUSTRIAL COMPOUNDS	1010 SAN FERNANDO	ENVIROSTOR, HIST CORTESE	Lower	4606, 0.872, WNW
151	ARAGON ELEMENTARY SC	1118 ARAGON AVENUE	ENVIROSTOR, SCH, EMI, CERS	Higher	4686, 0.887, NW

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 9 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
WILLIAM PILE ENTERPR 153 W AVENUE 34 LOS ANGELES, CA 90031	HAZMAT Database: LOS ANGELES HM, Date of Government Version: 01/01/2019	N/A
TOUCHSTONE PICTURES 141 W AVE 34 LOS ANGELES, CA 90031	HAZNET GEPAID: CAC002557374	N/A
20TH CENTURY FOX (TH 3401 PASADENA AVE LOS ANGELES, CA 90031	HAZNET GEPAID: CAC002619319	N/A
AMERICAN CASTER CORP 141 W AVENUE 34 LOS ANGELES, CA 90031	RCRA-SQG EPA ID:: CAD982351074 FINDS Registry ID:: 110002799767 ECHO Registry ID: 110002799767 EMI Facility Id: 19790 HAZNET GEPAID: CAD982351074 CERS	CAD982351074
JARDINERO PRODUCTION 135 W AVENUE 34 LOS ANGELES, CA 90031	HAZNET GEPAID: CAC002654881	N/A
RUSH HOUR PRODUCTION 141 W AVENUE 34 LOS ANGELES, CA 90031	HAZNET GEPAID: CAC001387408	N/A
BIRDDOG 135 W AVENUE 34 LOS ANGELES, CA 90031	HAZNET GEPAID: CAC002565428	N/A
GONE GIRL 3433 PASADENA AVE LOS ANGELES, CA 90031	HAZNET	N/A

	GEPAID: CAC002751861	
MONEYBALL 3433 PASADENA AVE LOS ANGELES, CA 90031	HAZNET GEPAID: CAP000201210	N/A
WARNER BROS 135 W AVENUE 34 LOS ANGELES, CA 90031	HAZNET GEPAID: CAC002838300	N/A
ALL ABOUT STEVE MOVI 135 W AVE 34 LOS ANGELES, CA 90031	RCRA NonGen / NLR EPA ID:: CAP000187583	CAP000187583
INFORMANT PRODUCTION 3433 PASADENA AVE LOS ANGELES, CA 90031	HAZNET GEPAID: CAC002631669	N/A
ALL ABOUT STEVE MOVI 135 W AVE 34 LOS ANGELES, CA 90031	FINDS Registry ID:: 110033020308 ECHO Registry ID: 110033020308	N/A
E D 1125 INC 3401 PASADENA AVE LOS ANGELES, CA 90031	HAZNET GEPAID: CAC002609799	N/A
TOMCATS 141 W AVE 34 LOS ANGELES, CA 90031	HAZNET GEPAID: CAC002287113	N/A
END OF WATCH LLC 3433 PASADENA AVE LOS ANGELES, CA 90031	HAZNET GEPAID: CAC002661078	N/A
WARNER BROS HANGOVER 3433 PASADENA AVE LOS ANGELES, CA 90031	HAZNET GEPAID: CAR000206029	N/A
SOUL PRODUCTION LLC 135 W AVENUE 34 LOS ANGELES, CA 90031	HAZNET	N/A

	GEPAID: CAC002674433	
ORTIZ BROTHERS MOVIN 135 W AVENUE 34 LOS ANGELES, CA 90031	HAZNET GEPAID: CAC001419176	N/A
WARNER BROS PICTURES 3433 PASADENA AVE LOS ANGELES, CA 90031	FINDS Registry ID:: 110054820958 ECHO Registry ID: 110054820958	N/A
ELASTIC COATINGS ORG 3401 PASADENA AVENUE LOS ANGELES, CA 90031	HAZNET GEPAID: CAC000714448	N/A
STEP UP 3D 135 W AVENUE 34 LOS ANGELES, CA 90031	HAZNET GEPAID: CAC002651863	N/A
ORTIZ BROTHERS MOVIN 135 W AVENUE 34 LOS ANGELES, CA 90031	HAZNET GEPAID: CAC001308488	N/A
FIVE CONTINENT IMPOR 141 W AVENUE 34 LOS ANGELES, CA 90031	HAZNET GEPAID: CAC002656262	N/A
LOVE & BASKETBALL 135 W AVE 34 LOS ANGELES, CA 90031	HAZNET GEPAID: CAC001474784	N/A
LIE TO ME 141 W AVENUE 34 LOS ANGELES, CA 90031	HAZNET GEPAID: CAL000335244	N/A
ALL ABOUT STEVE MOVI 135 W AVE 34 BLDG 13 LOS ANGELES, CA 90031	HAZNET GEPAID: CAP000187583	N/A
NURSE BETTY PRODUCTI 135 W AVENUE 34 LOS ANGELES, CA 90031	HAZNET	N/A

	GEPAID: CAC002135697	
ABC SIGNATURE STUDIO 141 W. AVENUE 34 LOS ANGELES, CA 90031	HAZNET GEPAID: CAC002896108	N/A
BOB BAKER PRODUCTION 3401 PASADENA AVENUE LOS ANGELES, CA 90031	EMI Facility Id: 69632	N/A
20TH CENTURY FOX/DAR 135 W AVE 34 LOS ANGELES, CA 90031	HAZNET GEPAID: CAC002550641	N/A
BATTLE OF THE SEXES 141 W AVE 34 LOS ANGELES, CA 90031	HAZNET GEPAID: CAL000416077	N/A
HOTEL FOR DOGS 3433 PASADENA AVE LOS ANGELES, CA 90031	HAZNET GEPAID: CAC002623838	N/A
WARNER BROS PICTURES 3433 PASADENA AVE LOS ANGELES, CA 90031	RCRA NonGen / NLR EPA ID:: CAR000206029	CAR000206029
OLIVERS ARROW MOVIE 135 W AVENUE 34 LOS ANGELES, CA 90031	HAZNET GEPAID: CAC002646704	N/A
DREAMWORKS PRODUCTIO 141 W AVENUE 34 LOS ANGELES, CA 90031	HAZNET GEPAID: CAC002631273	N/A
FOX GONE GIRL 3433 PASADENA AVE LOS ANGELES, CA 90031	HAZNET GEPAID: CAC002762588	N/A

EXECUTIVE SUMMARY

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL ---------- National Priority List
Proposed NPL ---------- Proposed National Priority List Sites
NPL LIENS ---------- Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL ---------- National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY ---------- Federal Facility Site Information listing

Federal RCRA CORRACTS facilities list

CORRACTS ---------- Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF ---------- RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-CESQG ---------- RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

LUCIS ---------- Land Use Control Information System
US ENG CONTROLS ---------- Engineering Controls Sites List
US INST CONTROL ---------- Sites with Institutional Controls

Federal ERNS list

ERNS ---------- Emergency Response Notification System

State- and tribal - equivalent NPL

RESPONSE ---------- State Response Sites

State and tribal leaking storage tank lists

INDIAN LUST ---------- Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

FEMA UST ---- Underground Storage Tank Listing
INDIAN UST ---- Underground Storage Tanks on Indian Land

State and tribal voluntary cleanup sites

INDIAN VCP ---- Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

BROWNFIELDS ---- Considered Brownfieds Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS ---- A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY ---- Recycler Database
HAULERS ---- Registered Waste Tire Haulers Listing
INDIAN ODI ---- Report on the Status of Open Dumps on Indian Lands
DEBRIS REGION 9 ---- Torres Martinez Reservation Illegal Dump Site Locations
ODI ---- Open Dump Inventory
IHS OPEN DUMPS ---- Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

AOCONCERN ---- Key Areas of Concerns in Los Angeles County
US HIST CDL ---- Delisted National Clandestine Laboratory Register
HIST Cal-Sites ---- Historical Calsites Database
CDL ---- Clandestine Drug Labs
Toxic Pits ---- Toxic Pits Cleanup Act Sites
US CDL ---- National Clandestine Laboratory Register
PFAS ---- PFAS Contamination Site Location Listing

Local Land Records

LIENS ---- Environmental Liens Listing
LIENS 2 ---- CERCLA Lien Information

Records of Emergency Release Reports

HMIRS ---- Hazardous Materials Information Reporting System
CHMIRS ---- California Hazardous Material Incident Report System
LDS ---- Land Disposal Sites Listing
MCS ---- Military Cleanup Sites Listing
SPILLS 90 ---- SPILLS 90 data from FirstSearch

Other Ascertainable Records

DOD ---- Department of Defense Sites

EXECUTIVE SUMMARY

SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR	Financial Assurance Information
EPA WATCH LIST	EPA WATCH LIST
2020 COR ACTION	2020 Corrective Action Program List
TSCA	Toxic Substances Control Act
TRIS	Toxic Chemical Release Inventory System
SSTS	Section 7 Tracking Systems
ROD	Records Of Decision
RMP	Risk Management Plans
RAATS	RCRA Administrative Action Tracking System
PRP	Potentially Responsible Parties
PADS	PCB Activity Database System
ICIS	Integrated Compliance Information System
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS	Material Licensing Tracking System
COAL ASH DOE	Steam-Electric Plant Operation Data
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER	PCB Transformer Registration Database
RADINFO	Radiation Information Database
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS	Incident and Accident Data
CONSENT	Superfund (CERCLA) Consent Decrees
INDIAN RESERV	Indian Reservations
FUSRAP	Formerly Utilized Sites Remedial Action Program
UMTRA	Uranium Mill Tailings Sites
LEAD SMELTERS	Lead Smelter Sites
US AIRS	Aerometric Information Retrieval System Facility Subsystem
US MINES	Mines Master Index File
ABANDONED MINES	Abandoned Mines
UXO	Unexploded Ordnance Sites
DOCKET HWC	Hazardous Waste Compliance Docket Listing
FUELS PROGRAM	EPA Fuels Program Registered Listing
CA BOND EXP. PLAN	Bond Expenditure Plan
Cortese	"Cortese" Hazardous Waste & Substances Sites List
CUPA Listings	CUPA Resources List
ENF	Enforcement Action Listing
Financial Assurance	Financial Assurance Information Listing
ICE	ICE
LOS ANGELES CO. HMS	HMS: Street Number List
HWP	EnviroStor Permitted Facilities Listing
HWT	Registered Hazardous Waste Transporter Database
MINES	Mines Site Location Listing
MWMP	Medical Waste Management Program Listing
NPDES	NPDES Permits Listing
PEST LIC	Pesticide Regulation Licenses Listing
PROC	Certified Processors Database
LA Co. Site Mitigation	Site Mitigation List
UIC	UIC Listing
UIC GEO	UIC GEO (GEOTRACKER)
WASTEWATER PITS	Oil Wastewater Pits Listing
WDS	Waste Discharge System
MILITARY PRIV SITES	MILITARY PRIV SITES (GEOTRACKER)
PROJECT	PROJECT (GEOTRACKER)
WDR	Waste Discharge Requirements Listing

EXECUTIVE SUMMARY

CIWQS ---------- California Integrated Water Quality System
NON-CASE INFO ---------- NON-CASE INFO (GEOTRACKER)
WIP ---------- Well Investigation Program Case List
OTHER OIL GAS ---------- OTHER OIL & GAS (GEOTRACKER)
PROD WATER PONDS ---------- PROD WATER PONDS (GEOTRACKER)
SAMPLING POINT ---------- SAMPLING POINT (GEOTRACKER)
WELL STIM PROJ ---------- Well Stimulation Project (GEOTRACKER)
LOS ANGELES CO LF METHANE ---------- Methane Producing Landfills

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP ---------- EDR Proprietary Manufactured Gas Plants
EDR Hist Auto ---------- EDR Exclusive Historical Auto Stations

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF ---------- Recovered Government Archive Solid Waste Facilities List
RGA LUST ---------- Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Federal CERCLIS list

SEMS: SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

A review of the SEMS list, as provided by EDR, and dated 04/11/2019 has revealed that there are 2

SEMS sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
KENNINGTON LTD. (ITT	***3209 HUMBOLDT ST.***	***SSW 0 - 1/8 (0.122 mi.)***	***I77***	***106***
Site ID: 0904968				
EPA Id: CA0000113175				
JAYBEE AJAX MANUFACT	301 WEST AVENUE 26	SW 1/4 - 1/2 (0.291 mi.)	S128	276
Site ID: 0905651				
EPA Id: CAD983578667				

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

A review of the SEMS-ARCHIVE list, as provided by EDR, and dated 04/11/2019 has revealed that there are 2 SEMS-ARCHIVE sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
NI WEST INCORPORATED	3011 HUMBOLDT STREET	SSW 1/8 - 1/4 (0.229 mi.)	N119	242
BARON MFG	241 AVE 26	S 1/4 - 1/2 (0.442 mi.)	145	311
Site ID: 0901788				
EPA Id: CAD980636195				

Federal RCRA generators list

RCRA-LQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

A review of the RCRA-LQG list, as provided by EDR, and dated 03/25/2019 has revealed that there are 4 RCRA-LQG sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
FORMER WELCH'S UNIFO	***3505 PASADENA AVENUE***	***NNE 0 - 1/8 (0.027 mi.)***	***B42***	***53***
EPA ID:: CAD075309740				
SOUTHERN CALIFORNIA	***403 W AVENUE 33***	***W 0 - 1/8 (0.040 mi.)***	***C49***	***76***

EPA ID:: CAR000245134				
MAINTENANCE AND OPER EPA ID:: CAD133111419	3225 LACY STREET	W 0 - 1/8 (0.109 mi.)	H70	98
LINE 765 RECEIVER EPA ID:: CAR000188680	CYPRESS AVE AND ARRO	WNW 1/8 - 1/4 (0.167 mi.)	M92	134

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 03/25/2019 has revealed that there are 11 RCRA-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LA USD HILLSIDE EL EPA ID:: CAD981624901	***120 E AVE 35***	***ENE 0 - 1/8 (0.066 mi.)***	***F66***	***94***
LOS ANGELES USD NIGH EPA ID:: CAD982022584	***3311 N FIGUEROA ST***	***NW 1/8 - 1/4 (0.230 mi.)***	***R120***	***243***

Lower Elevation	Address	Direction / Distance	Map ID	Page
RUSSING ENGINEERING EPA ID:: CAD981368152	***211 W AVE 33***	***SSW 0 - 1/8 (0.047 mi.)***	***D53***	***85***
ADIN OF CALIFORNIA EPA ID:: CAR000179895	119 W AVE 33	S 0 - 1/8 (0.047 mi.)	D56	88
JS AUTOBODY EPA ID:: CAR000049163	***315 W AVE 33***	***WSW 0 - 1/8 (0.048 mi.)***	***E57***	***89***
KENNINGTON EPA ID:: CAL000200404	***3209 HUMBOLDT ST.***	***SSW 0 - 1/8 (0.122 mi.)***	***I76***	***104***
SELF-REALIZATION FEL EPA ID:: CAD062071436	***3208 HUMBOLDT STREET***	***SSW 1/8 - 1/4 (0.127 mi.)***	***I80***	***124***
LOS ANGELES USD LORE EPA ID:: CAD982022535	***3408 ARROYO SECO AVE***	***NW 1/8 - 1/4 (0.136 mi.)***	***K83***	***128***
P D D CONSTRUCTION M EPA ID:: CAD983613282	***3101 ARTESIAN ST***	***SW 1/8 - 1/4 (0.186 mi.)***	***N101***	***144***
LA LACY STREET TRANS EPA ID:: CAD981988264	***2661 LACY ST***	***WSW 1/8 - 1/4 (0.193 mi.)***	***L105***	***182***
RENTA UNIFORM & TOWE EPA ID:: CAD981462849	***3200 NORTH FIGUEROA***	***W 1/8 - 1/4 (0.224 mi.)***	***Q118***	***239***

EXECUTIVE SUMMARY

State- and tribal - equivalent CERCLIS

ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

A review of the ENVIROSTOR list, as provided by EDR, and dated 01/28/2019 has revealed that there are 10 ENVIROSTOR sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NATIONAL AIRCRAFT EQ		WSW 1/2 - 1 (0.745 mi.)	Y148	323
ARAGON ELEMENTARY SC	***1118 ARAGON AVENUE***	***NW 1/2 - 1 (0.887 mi.)***	***151***	***326***

Lower Elevation	Address	Direction / Distance	Map ID	Page
FORMER WELCH'S UNIFO	***3505 PASADENA AVENUE***	***NNE 0 - 1/8 (0.027 mi.)***	***B42***	***53***
KENNINGTON LTD. (ITT	***3209 HUMBOLDT ST.***	***SSW 0 - 1/8 (0.122 mi.)***	***I77***	***106***
LORETO STREET ELEMEN	***3408 ARROYO SECO AVE***	***NW 1/8 - 1/4 (0.136 mi.)***	***K84***	***130***
JAYBEE/ AJAX MFG COR	***301 WEST AVE. 26***	***SW 1/4 - 1/2 (0.291 mi.)***	***S127***	***271***
PROPOSED AMCAL MULTI	306-360 W. AVE. 26	SW 1/4 - 1/2 (0.348 mi.)	W134	287
BARON MANUFACTURING	241 AVENUE 26	SSW 1/4 - 1/2 (0.351 mi.)	136	290
VICTOR S INDUSTRIAL	***138 N SAN FERNANDO R***	***SSW 1/2 - 1 (0.713 mi.)***	***147***	***312***
INDUSTRIAL COMPOUNDS	***1010 SAN FERNANDO***	***WNW 1/2 - 1 (0.872 mi.)***	***150***	***325***

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Integrated Waste Management Board's Solid Waste Information System (SWIS) database.

A review of the SWF/LF list, as provided by EDR, has revealed that there are 2 SWF/LF sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
LACY STREET / LA CIT	400 WEST AVENUE 26	WSW 1/4 - 1/2 (0.323 mi.)	T130	278
Database: LOS ANGELES CO. LF, Date of Government Version: 04/15/2019				
Site ID: 1975				
Status: Closed				
LACY STREET/ LA CITY	***400 AVE. 26, (ENTRAN***	***SW 1/4 - 1/2 (0.337 mi.)***	***W133***	***286***
Database: SWF/LF (SWIS), Date of Government Version: 02/11/2019				
Facility ID: 19-AR-5052				

EXECUTIVE SUMMARY

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the LUST list, as provided by EDR, has revealed that there are 13 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BILL'S AUTOMOTIVE (F	100 AVENUE 28 E	S 1/4 - 1/2 (0.335 mi.)	V132	284
Database: LUST, Date of Government Version: 12/10/2018 Status: Completed - Case Closed Global Id: T0603700789				
BILL'S AUTOMOTIVE #1	***100 E AVENUE 28***	***S 1/4 - 1/2 (0.350 mi.)***	***V135***	***288***
Database: LUST REG 4, Date of Government Version: 09/07/2004 Facility Id: 900310089 Status: Case Closed Global ID: T0603700789				

Lower Elevation	Address	Direction / Distance	Map ID	Page
FORMER WELCH'S UNIFO	***3505 PASADENA AVENUE***	***NNE 0 - 1/8 (0.027 mi.)***	***B42***	***53***
Database: LUST REG 4, Date of Government Version: 09/07/2004 Facility Id: 900310034 Status: Post remedial action monitoring Global ID: T0603700785				
HEATH & CO	***3225 LACY ST***	***W 0 - 1/8 (0.109 mi.)***	***H72***	***100***
Database: LUST REG 4, Date of Government Version: 09/07/2004 Database: LUST, Date of Government Version: 12/10/2018 Status: Completed - Case Closed Facility Id: 900310207 Status: Case Closed Global Id: T0603700801 Global ID: T0603700801				
FOOD FOR LIFE	***3580 PASADENA AVE***	***NE 1/8 - 1/4 (0.168 mi.)***	***J95***	***138***
Database: LUST REG 4, Date of Government Version: 09/07/2004 Database: LUST, Date of Government Version: 12/10/2018 Status: Completed - Case Closed Facility Id: 900310289 Status: Leak being confirmed Global Id: T0603700809 Global ID: T0603700809				
LINCOLN HEIGHTS SERV	3101 ARTESIAN ST	SW 1/8 - 1/4 (0.186 mi.)	N100	143
Database: LUST REG 4, Date of Government Version: 09/07/2004 Facility Id: 900310161 Status: Case Closed Global ID: T0603700797				
LINCOLN HEIGHTS SERV	***3101 ARTESIAN ST***	***SW 1/8 - 1/4 (0.186 mi.)***	***N103***	***146***
Database: LUST, Date of Government Version: 12/10/2018 Status: Completed - Case Closed Global Id: T0603700797				
MOBIL #18-BV7	***2620 FIGUEROA ST.***	***W 1/4 - 1/2 (0.332 mi.)***	***U131***	***279***
Database: LUST REG 4, Date of Government Version: 09/07/2004 Database: LUST, Date of Government Version: 12/10/2018				

Status: Completed - Case Closed
Facility Id: 900070061
Status: Pollution Characterization
Global Id: T0603763171
Global ID: T0603763171

CHEVRON #9-3707 ***2601 FIGUEROA*** ***W 1/4 - 1/2 (0.380 mi.)*** ***U139*** ***293***
Database: LUST REG 4, Date of Government Version: 09/07/2004
Facility Id: 900650234
Status: Preliminary site assessment underway
Global ID: T0603701195

SHELL ***2600-2606 FIGUEROA S*** ***W 1/4 - 1/2 (0.381 mi.)*** ***U141*** ***296***
Database: LUST REG 4, Date of Government Version: 09/07/2004
Database: LUST, Date of Government Version: 12/10/2018
Status: Completed - Case Closed
Facility Id: 900650198
Status: Pollution Characterization
Global Id: T0603701192
Global ID: T0603701192

76 STATION #0857 ***2250 FIGUEROA ST. N.*** ***W 1/4 - 1/2 (0.389 mi.)*** ***X142*** ***301***
Database: LUST REG 4, Date of Government Version: 09/07/2004
Facility Id: 900650225A
Status: Pollution Characterization
Global ID: T0603797126

TOSCO S.S. #0857 ***2250 FIGUEROA ST N*** ***W 1/4 - 1/2 (0.389 mi.)*** ***X143*** ***303***
Database: LUST REG 4, Date of Government Version: 09/07/2004
Database: LUST, Date of Government Version: 12/10/2018
Status: Completed - Case Closed
Facility Id: 900650225
Status: Case Closed
Global Id: T0603797126
Global Id: T0603701194
Global ID: T0603701194

ARCO FACILITY NO. 96 ***2251 FIGUEROA ST. N*** ***W 1/4 - 1/2 (0.427 mi.)*** ***X144*** ***308***
Database: LUST REG 4, Date of Government Version: 09/07/2004
Database: LUST, Date of Government Version: 12/10/2018
Status: Completed - Case Closed
Global Id: T0603732727
Global ID: T0603732727

CPS-SLIC: Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the CPS-SLIC list, as provided by EDR, has revealed that there are 4 CPS-SLIC sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
FORMER WELCH'S UNIFO	***3505 PASADENA AVENUE***	***NNE 0 - 1/8 (0.027 mi.)***	***B42***	***53***

Database: CPS-SLIC, Date of Government Version: 12/10/2018
Global Id: T0603700785

Global Id: SL2044P1598
Facility Status: Open - Inactive

WELCH UNIFORM	3505 PASADENA	NNE 0 - 1/8 (0.027 mi.)	B47	74
Database: SLIC REG 4, Date of Government Version: 11/17/2004 Facility Status: Site Assessment				
KENNINGTON PROPERTIE	***3209 HUMBOLT ST***	***SSW 0 - 1/8 (0.122 mi.)***	***I78***	***123***
Database: CPS-SLIC, Date of Government Version: 12/10/2018 Database: SLIC REG 4, Date of Government Version: 11/17/2004 Global Id: SLT43246244 Facility Status: Open - Inactive				
THE E.B. MALONE CORP	***306-360 AVENUE 26***	***SW 1/4 - 1/2 (0.357 mi.)***	***W137***	***292***
Database: CPS-SLIC, Date of Government Version: 12/10/2018 Global Id: SL0603703528 Facility Status: Completed - Case Closed				

State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the UST list, as provided by EDR, has revealed that there are 20 UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
Not reported	3445 PASADENA AVE	ENE 0 - 1/8 (0.003 mi.)	39	52
Database: LOS ANGELES UST, Date of Government Version: 01/01/2019				
Not reported	3360 PASADENA AVE	SE 0 - 1/8 (0.010 mi.)	40	52
Database: LOS ANGELES UST, Date of Government Version: 01/01/2019				
Not reported	3300 GRIFFIN AVE	ESE 0 - 1/8 (0.124 mi.)	79	124
Database: LOS ANGELES UST, Date of Government Version: 01/01/2019				

Lower Elevation	Address	Direction / Distance	Map ID	Page
WELCH'S UNIFORM RENT	3505 N PASADENA AVE	NNE 0 - 1/8 (0.027 mi.)	B41	52
Database: LOS ANGELES UST, Date of Government Version: 01/01/2019				
Not reported	3505 PASADENA AVE	NNE 0 - 1/8 (0.027 mi.)	B46	74
Database: LOS ANGELES UST, Date of Government Version: 01/01/2019				
CALIF DEPT OF FOOD &	403 W AVENUE 33	W 0 - 1/8 (0.040 mi.)	C52	84
Database: LOS ANGELES UST, Date of Government Version: 01/01/2019				
G & G AIR CONDITIONI	311 W AVENUE 33	WSW 0 - 1/8 (0.050 mi.)	E59	92
Database: LOS ANGELES UST, Date of Government Version: 01/01/2019				
LAUSD - MAINTENANCE	3225 E LACY ST	W 0 - 1/8 (0.109 mi.)	H68	96
Database: LOS ANGELES UST, Date of Government Version: 01/01/2019				
ITT CANNON	3209 E HUMBOLDT ST	SW 0 - 1/8 (0.119 mi.)	I75	104
Database: LOS ANGELES UST, Date of Government Version: 01/01/2019				
Not reported	3511 CARLOTA BLVD	NE 1/8 - 1/4 (0.128 mi.)	J82	128
Database: LOS ANGELES UST, Date of Government Version: 01/01/2019				
LAUSD - LORETO STREE	3408 N ARROYO SECO A	NW 1/8 - 1/4 (0.136 mi.)	K85	132
Database: LOS ANGELES UST, Date of Government Version: 01/01/2019				

Lower Elevation	Address	Direction / Distance	Map ID	Page
MR. DUNG THAI Database: UST, Date of Government Version: 12/10/2018 Facility Id: 23634	3543 PASADENA AVE	NNE 1/8 - 1/4 (0.151 mi.)	J88	132
Not reported Database: LOS ANGELES UST, Date of Government Version: 01/01/2019	3550 PASADENA AVE	NE 1/8 - 1/4 (0.152 mi.)	J89	133
Not reported Database: LOS ANGELES UST, Date of Government Version: 01/01/2019	3545-55 PASADENA AVE	NNE 1/8 - 1/4 (0.152 mi.)	J91	134
Not reported Database: LOS ANGELES UST, Date of Government Version: 01/01/2019	3580 PASADENA AVE	NE 1/8 - 1/4 (0.168 mi.)	J96	142
Not reported Database: LOS ANGELES UST, Date of Government Version: 01/01/2019	3548 PASADENA AVE	NE 1/8 - 1/4 (0.176 mi.)	J97	142
LA DWP - LINCOLN HEI Database: LOS ANGELES UST, Date of Government Version: 01/01/2019	3101 E ARTESIAN ST	SW 1/8 - 1/4 (0.186 mi.)	N99	143
LINCOLN HEIGHTS SERV Database: UST, Date of Government Version: 12/10/2018 Facility Id: FA0000795	***3101 ARTESIAN ST***	***SW 1/8 - 1/4 (0.186 mi.)***	***N104***	***182***
AMERICAN WEST FINISH Database: LOS ANGELES UST, Date of Government Version: 01/01/2019	3200 N FIGUEROA ST	W 1/8 - 1/4 (0.224 mi.)	Q116	238
Not reported Database: LOS ANGELES UST, Date of Government Version: 01/01/2019	2636 LACY ST	WSW 1/8 - 1/4 (0.243 mi.)	125	271

AST: A listing of aboveground storage tank petroleum storage tank locations.

A review of the AST list, as provided by EDR, has revealed that there is 1 AST site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
DISTRIBUTING STATION Database: AST, Date of Government Version: 07/06/2016	3436 MARMION WAY	NNW 0 - 1/8 (0.064 mi.)	G64	93

State and tribal voluntary cleanup sites

VCP: Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

A review of the VCP list, as provided by EDR, and dated 01/28/2019 has revealed that there are 3 VCP sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
FORMER WELCH'S UNIFO Status: Active Facility Id: 60000636	***3505 PASADENA AVENUE***	***NNE 0 - 1/8 (0.027 mi.)***	***B42***	***53***
KENNINGTON LTD. (ITT Status: Active	***3209 HUMBOLDT ST.***	***SSW 0 - 1/8 (0.122 mi.)***	***I77***	***106***

Facility Id: 19340739

JAYBEE/ AJAX MFG COR ***301 WEST AVE. 26*** ***SW 1/4 - 1/2 (0.291 mi.)*** ***S127*** ***271***
Status: Active
Facility Id: 19490238

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: The Waste Management Unit Database System is used for program tracking and inventory of waste management units. The source is the State Water Resources Control Board.

A review of the WMUDS/SWAT list, as provided by EDR, and dated 04/01/2000 has revealed that there are 2 WMUDS/SWAT sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
LACY'S STREET DUMP	***400 26TH AVENUE***	***WSW 1/4 - 1/2 (0.312 mi.)***	***T129***	***277***
AVENUE 26 & FIGUEROA	AVENUE 26 & FIGEROA	W 1/4 - 1/2 (0.375 mi.)	U138	292

Local Lists of Hazardous waste / Contaminated Sites

SCH: This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category. depending on the level of threat to public health and safety or the. environment they pose.

A review of the SCH list, as provided by EDR, and dated 01/28/2019 has revealed that there is 1 SCH site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
LORETO STREET ELEMEN	***3408 ARROYO SECO AVE***	***NW 1/8 - 1/4 (0.136 mi.)***	***K84***	***130***
Facility Id: 19820057				
Status: Inactive - Withdrawn				

CERS HAZ WASTE: List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

A review of the CERS HAZ WASTE list, as provided by EDR, and dated 04/09/2019 has revealed that there are 6 CERS HAZ WASTE sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LAUSD/NIGHTINGALE JH	***3311 N FIGUEROA ST***	***NW 1/8 - 1/4 (0.230 mi.)***	***R121***	***245***

Lower Elevation	Address	Direction / Distance	Map ID	Page
CALIFORNIA DEPARTMEN	***403 W AVENUE 33***	***W 0 - 1/8 (0.040 mi.)***	***C51***	***79***
LINCOLN HEIGHTS SERV	***3101 ARTESIAN ST***	***SW 1/8 - 1/4 (0.186 mi.)***	***N103***	***146***
UNION 3 AUTO SERVICE	***3304 N FIGUEROA ST***	***WNW 1/8 - 1/4 (0.211 mi.)***	***M112***	***191***

Lower Elevation	Address	Direction / Distance	Map ID	Page
THE BROMACK COMPANY	*3005 HUMBOLDT ST*	*SSW 1/8 - 1/4 (0.212 mi.)*	*P114*	*219*
ALVARADO CUSTOM FURN	*2907 E HUMBOLDT ST*	*SSW 1/8 - 1/4 (0.230 mi.)*	*P123*	*255*

Local Lists of Registered Storage Tanks

SWEEPS UST: Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 9 SWEEPS UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MIKE'S TRANSMISSION Comp Number: 2860	*3500 N FIGUEROA ST*	*NNW 1/8 - 1/4 (0.205 mi.)*	*O106*	*184*

Lower Elevation	Address	Direction / Distance	Map ID	Page
FORMER WELCH'S UNIFO Comp Number: 939	*3505 PASADENA AVENUE*	*NNE 0 - 1/8 (0.027 mi.)*	*B42*	*53*
G/G AIR CONDITIONING Status: A Comp Number: 4739	*311 W AVENUE 33*	*WSW 0 - 1/8 (0.050 mi.)*	*E58*	*91*
W HEATH AND COMPANY Status: A Tank Status: A Comp Number: 2779	*3225 LACY ST*	*W 0 - 1/8 (0.109 mi.)*	*H69*	*96*
KENNINGTON LTD. (ITT Comp Number: 7797	*3209 HUMBOLDT ST.*	*SSW 0 - 1/8 (0.122 mi.)*	*I77*	*106*
FLAVOR FOODS INC. Comp Number: 859	*3580 PASADENA AVE*	*NE 1/8 - 1/4 (0.168 mi.)*	*J94*	*136*
LINCOLN HEIGHTS DIST Status: A Tank Status: A Comp Number: 3824	*3101 ARTESIAN ST*	*SW 1/8 - 1/4 (0.186 mi.)*	*N98*	*142*
UNION THREE AUTO SER Comp Number: 7414	*3304 N FIGUEROA ST*	*WNW 1/8 - 1/4 (0.211 mi.)*	*M110*	*189*
FACTORY APRON/TOWEL Comp Number: 1301	*3200 N FIGUEROA ST*	*W 1/8 - 1/4 (0.224 mi.)*	*Q115*	*235*

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 9 HIST UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MIKES TRANSMISSION Facility Id: 00000050946	3500 N FIGUEROA ST	NNW 1/8 - 1/4 (0.205 mi.)	O109	188

Lower Elevation	Address	Direction / Distance	Map ID	Page
FORMER WELCH'S UNIFO Facility Id: 00000008008	***3505 PASADENA AVENUE***	***NNE 0 - 1/8 (0.027 mi.)***	***B42***	***53***
W. HEATH AND COMPANY Facility Id: 00000050721	3225 LACY ST	W 0 - 1/8 (0.109 mi.)	H67	95
W HEATH AND COMPANY	***3225 LACY ST***	***W 0 - 1/8 (0.109 mi.)***	***H69***	***96***
FOOD FOR LIFE Facility Id: 00000007744	***3580 PASADENA AVE***	***NE 1/8 - 1/4 (0.168 mi.)***	***J95***	***138***
LINCOLN HEIGHTS SERV	***3101 ARTESIAN ST***	***SW 1/8 - 1/4 (0.186 mi.)***	***N103***	***146***
LINCOLN HEIGHTS SERV Facility Id: 00000064841	***3101 ARTESIAN ST***	***SW 1/8 - 1/4 (0.186 mi.)***	***N104***	***182***
FACTORY APRON/TOWEL	***3200 N FIGUEROA ST***	***W 1/8 - 1/4 (0.224 mi.)***	***Q115***	***235***
RENTA UNIFORM & TOWE Facility Id: 00000041231 Facility Id: 00000017635	***3200 NORTH FIGUEROA***	***W 1/8 - 1/4 (0.224 mi.)***	***Q118***	***239***

CA FID UST: The Facility Inventory Database contains active and inactive underground storage tank locations. The source is the State Water Resource Control Board.

A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there are 9 CA FID UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MIKE'S TRANSMISSION Facility Id: 19011776 Status: I	***3500 N FIGUEROA ST***	***NNW 1/8 - 1/4 (0.205 mi.)***	***O106***	***184***

Lower Elevation	Address	Direction / Distance	Map ID	Page
FORMER WELCH'S UNIFO Facility Id: 19001529 Status: I	***3505 PASADENA AVENUE***	***NNE 0 - 1/8 (0.027 mi.)***	***B42***	***53***
G/G AIR CONDITIONING Facility Id: 19055875 Status: A	***311 W AVENUE 33***	***WSW 0 - 1/8 (0.050 mi.)***	***E58***	***91***
W HEATH AND COMPANY Facility Id: 19014132 Status: A	***3225 LACY ST***	***W 0 - 1/8 (0.109 mi.)***	***H69***	***96***
KENNINGTON LTD. (ITT Facility Id: 19054659	***3209 HUMBOLDT ST.***	***SSW 0 - 1/8 (0.122 mi.)***	***I77***	***106***

Status: I

FLAVOR FOODS INC. Facility Id: 19001191 Status: I	***3580 PASADENA AVE***	***NE 1/8 - 1/4 (0.168 mi.)***	***J94***	***136***
LINCOLN HEIGHTS DIST Facility Id: 19003053 Status: A	***3101 ARTESIAN ST***	***SW 1/8 - 1/4 (0.186 mi.)***	***N98***	***142***
UNION THREE AUTO SER Facility Id: 19009028 Status: A	***3304 N FIGUEROA ST***	***WNW 1/8 - 1/4 (0.211 mi.)***	***M110***	***189***
FACTORY APRON/TOWEL Facility Id: 19021813 Status: I	***3200 N FIGUEROA ST***	***W 1/8 - 1/4 (0.224 mi.)***	***Q115***	***235***

CERS TANKS: List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

A review of the CERS TANKS list, as provided by EDR, and dated 04/09/2019 has revealed that there is 1 CERS TANKS site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
LINCOLN HEIGHTS SERV	***3101 ARTESIAN ST***	***SW 1/8 - 1/4 (0.186 mi.)***	***N103***	***146***

Local Land Records

DEED: The use of recorded land use restrictions is one of the methods the DTSC uses to protect the public from unsafe exposures to hazardous substances and wastes .

A review of the DEED list, as provided by EDR, and dated 03/04/2019 has revealed that there is 1 DEED site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
KENNINGTON LTD. (ITT Status: ACTIVE Envirostor ID: 19340739	***3209 HUMBOLDT ST.***	***SSW 0 - 1/8 (0.122 mi.)***	***I77***	***106***

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 03/25/2019 has revealed that

there are 8 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
A B AUTO REPAIR & MU EPA ID:: CAL000359316	3500 N FIGUEROA ST #	NNW 1/8 - 1/4 (0.205 mi.)	O107	186
AB AUTO REPAIR & MUF EPA ID:: CAL000416333	3500 N FIGUEROA ST #	NNW 1/8 - 1/4 (0.205 mi.)	O108	187

Lower Elevation	Address	Direction / Distance	Map ID	Page
CALIFORNIA DEPARTMEN EPA ID:: CAL000428560	403 W AVE 33	W 0 - 1/8 (0.040 mi.)	C48	75
ADIN OF CALIFORNIA EPA ID:: CAL000302446	119 W AVENUE 33	S 0 - 1/8 (0.047 mi.)	D55	86
JSL FOODS INC EPA ID:: CAL000329919	3550 PASADENA AVE	NE 1/8 - 1/4 (0.152 mi.)	J90	133
UNION 3 AUTO SERVICE EPA ID:: CAL000062528	3304 N FIGUEROA ST	WNW 1/8 - 1/4 (0.211 mi.)	M111	190
BROMACK MANUFACTURIN EPA ID:: CAL000167538	3005 HUMBOLDT ST	SSW 1/8 - 1/4 (0.212 mi.)	P113	218
ALVARADO CUSTOM FURN EPA ID:: CAL000104877	2907 HUMBOLDT ST	SSW 1/8 - 1/4 (0.230 mi.)	P122	253

FUDS: The Listing includes locations of Formerly Used Defense Sites Properties where the US Army Corps Of Engineers is actively working or will take necessary cleanup actions.

A review of the FUDS list, as provided by EDR, and dated 03/07/2019 has revealed that there is 1 FUDS site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NATIONAL AIRCRAFT EQ		WSW 1/2 - 1 (0.748 mi.)	Y149	324

DRYCLEANERS: A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaners' agents; linen supply; coin-operated laundries and cleaning; drycleaning plants except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

A review of the DRYCLEANERS list, as provided by EDR, has revealed that there are 2 DRYCLEANERS sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
WELCH OVERALL CLEANI Database: DRYCLEAN SOUTH COAST, Date of Government Version: 03/19/2019	3505 PASADENA AVE	NNE 0 - 1/8 (0.027 mi.)	B43	73
FACTORY ARRON & TOWE Database: DRYCLEAN SOUTH COAST, Date of Government Version: 03/19/2019	3200 N FIGUEROA ST	W 1/8 - 1/4 (0.224 mi.)	Q117	238

HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 8 HIST CORTESE sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
FORMER WELCH'S UNIFO Reg Id: 900310034	***3505 PASADENA AVENUE***	***NNE 0 - 1/8 (0.027 mi.)***	***B42***	***53***
HEATH & CO Reg Id: 900310207	***3225 LACY ST***	***W 0 - 1/8 (0.109 mi.)***	***H72***	***100***
KENNINGTON LTD. (ITT Reg Id: 19340739	***3209 HUMBOLDT ST.***	***SSW 0 - 1/8 (0.122 mi.)***	***I77***	***106***
FOOD FOR LIFE Reg Id: 900310289	***3580 PASADENA AVE***	***NE 1/8 - 1/4 (0.168 mi.)***	***J95***	***138***
LINCOLN HEIGHTS SERV Reg Id: 900310161	***3101 ARTESIAN ST***	***SW 1/8 - 1/4 (0.186 mi.)***	***N103***	***146***
CHEVRON #9-3707 Reg Id: 900650234	***2601 FIGUEROA***	***W 1/4 - 1/2 (0.380 mi.)***	***U139***	***293***
SHELL Reg Id: 900650198	***2600 FIGUEROA***	***W 1/4 - 1/2 (0.381 mi.)***	***U140***	***295***
TOSCO S.S. #0857 Reg Id: 900650225	***2250 FIGUEROA ST N***	***W 1/4 - 1/2 (0.389 mi.)***	***X143***	***303***

Notify 65: Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

A review of the Notify 65 list, as provided by EDR, and dated 03/18/2019 has revealed that there is 1 Notify 65 site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
28TH AND DELL AVENUE	VENICE	WNW 1/2 - 1 (0.508 mi.)	146	312

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Cleaner: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Cleaner list, as provided by EDR, has revealed that there are 2 EDR Hist

EXECUTIVE SUMMARY

Cleaner sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SMITH W P	3500 PASADENA AVENUE	NE 0 - 1/8 (0.061 mi.)	F61	92

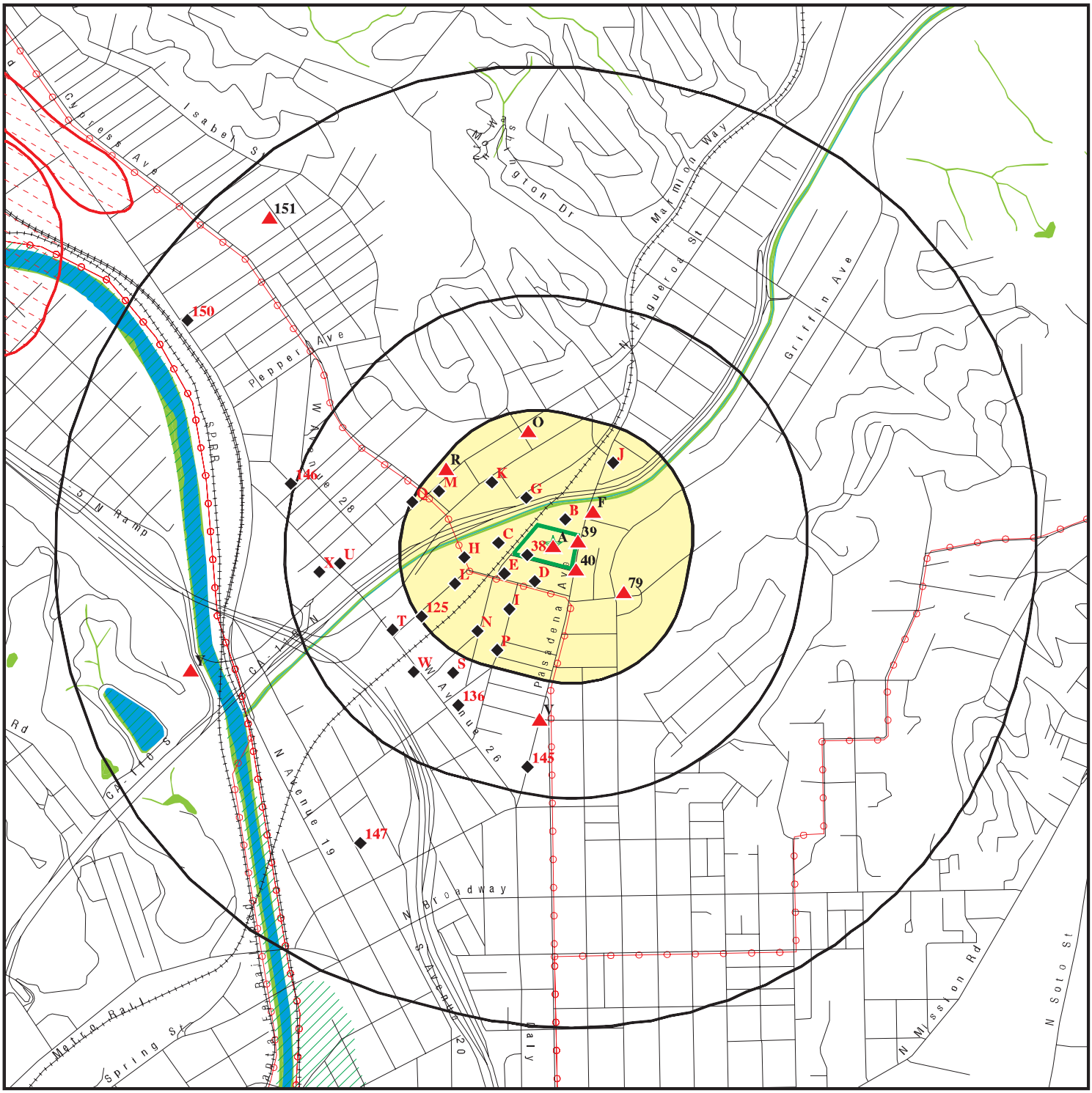
Lower Elevation	Address	Direction / Distance	Map ID	Page
WELCHS OVERALL LAUND	3505 PASADENA AVENUE	NNE 0 - 1/8 (0.027 mi.)	B45	74

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 3 records.

Site Name	Database(s)
LINK STATION US PROJECT	ENVIROSTOR, VCP
THE E.B. MALONE CORP.	CPS-SLIC
METRO RAIL PASADENA BLUE LINE	ENVIROSTOR

OVERVIEW MAP - 5694144.2S



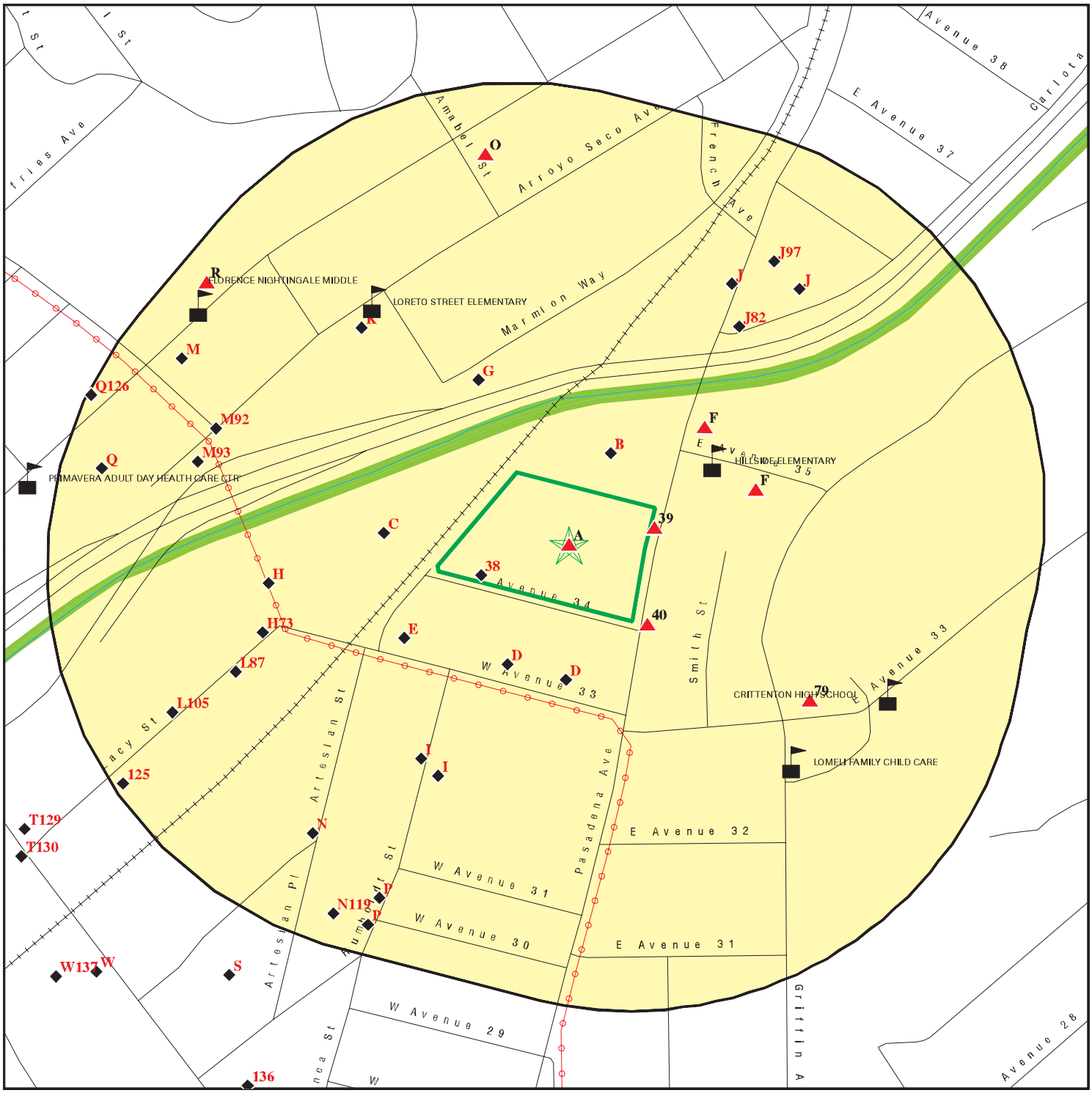
- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands
- Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	135 141 153 West Avenue 34 3401 3433 Pasadena Ave	CLIENT:	Fulcrum Resources Environmental
ADDRESS:	135 141 153 West Avenue 34 3401 3433 Pasadena Ave Los Angeles CA 90031	CONTACT:	Rose Mireles
LAT/LONG:	34.084751 / 118.21431	INQUIRY #:	5694144.2s
		DATE:	June 24, 2019 2:00 pm

Copyright © 2019 EDR, Inc. © 2015 TomTom Rel. 2015.

DETAIL MAP - 5694144.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Power transmission lines

100-year flood zone

500-year flood zone

National Wetland Inventory

State Wetlands

Areas of Concern

0 1/16 1/8 1/4 Miles

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	135 141 153 West Avenue 34 3401 3433 Pasadena Ave	CLIENT:	Fulcrum Resources Environmental
ADDRESS:	135 141 153 West Avenue 34 3401 3433 Pasadena Ave Los Angeles CA 90031	CONTACT:	Rose Mireles
LAT/LONG:	34.084751 / 118.21431	INQUIRY #:	5694144.2s
		DATE:	June 24, 2019 2:04 pm

Copyright © 2019 EDR, Inc. © 2015 TomTom Rel. 2015.

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		1	0	1	NR	NR	2
Federal CERCLIS NFRAP site list								
SEMS-ARCHIVE	0.500		0	1	1	NR	NR	2
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		3	1	NR	NR	NR	4
RCRA-SQG	0.250	1	5	6	NR	NR	NR	12
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equivalent NPL								
RESPONSE	1.000		0	0	0	0	NR	0
State- and tribal - equivalent CERCLIS								
ENVIROSTOR	1.000		2	1	3	4	NR	10
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	0.500		0	0	2	NR	NR	2
State and tribal leaking storage tank lists								
LUST	0.500		2	3	8	NR	NR	13

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
CPS-SLIC	0.500		3	0	1	NR	NR	4
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		9	11	NR	NR	NR	20
AST	0.250		1	0	NR	NR	NR	1
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
VCP	0.500		2	0	1	NR	NR	3
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
WMUDS/SWAT	0.500		0	0	2	NR	NR	2
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	TP		NR	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
AOCONCERN	1.000		0	0	0	0	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	1	NR	NR	NR	1
CDL	TP		NR	NR	NR	NR	NR	0
CERS HAZ WASTE	0.250		1	5	NR	NR	NR	6
Toxic Pits	1.000		0	0	0	0	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
PFAS	0.500		0	0	0	NR	NR	0
Local Lists of Registered Storage Tanks								
SWEEPS UST	0.250		4	5	NR	NR	NR	9
HIST UST	0.250		3	6	NR	NR	NR	9
CA FID UST	0.250		4	5	NR	NR	NR	9
CERS TANKS	0.250		0	1	NR	NR	NR	1
Local Land Records								
LIENS	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LIENS 2	TP		NR	NR	NR	NR	NR	0
DEED	0.500		1	0	0	NR	NR	1
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
CHMIRS	TP		NR	NR	NR	NR	NR	0
LDS	TP		NR	NR	NR	NR	NR	0
MCS	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250	2	2	6	NR	NR	NR	10
FUDS	1.000		0	0	0	1	NR	1
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP	3	NR	NR	NR	NR	NR	3
UXO	1.000		0	0	0	0	NR	0
ECHO	TP	3	NR	NR	NR	NR	NR	3
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
Cortese	0.500		0	0	0	NR	NR	0
CUPA Listings	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
DRYCLEANERS	0.250		1	1	NR	NR	NR	2
EMI	TP	2	NR	NR	NR	NR	NR	2
ENF	TP		NR	NR	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
HAZNET	TP	31	NR	NR	NR	NR	NR	31
ICE	TP		NR	NR	NR	NR	NR	0
HIST CORTESE	0.500		3	2	3	NR	NR	8
LOS ANGELES CO. HMS	TP		NR	NR	NR	NR	NR	0
HWP	1.000		0	0	0	0	NR	0
HWT	0.250		0	0	NR	NR	NR	0
MINES	0.250		0	0	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
PEST LIC	TP		NR	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	0	0	1	NR	1
LA Co. Site Mitigation	TP		NR	NR	NR	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
UIC GEO	TP		NR	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	TP		NR	NR	NR	NR	NR	0
MILITARY PRIV SITES	TP		NR	NR	NR	NR	NR	0
PROJECT	TP		NR	NR	NR	NR	NR	0
WDR	TP		NR	NR	NR	NR	NR	0
CIWQS	TP		NR	NR	NR	NR	NR	0
CERS	TP	1	NR	NR	NR	NR	NR	1
NON-CASE INFO	TP		NR	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
OTHER OIL GAS	TP		NR	NR	NR	NR	NR	0
PROD WATER PONDS	TP		NR	NR	NR	NR	NR	0
SAMPLING POINT	TP		NR	NR	NR	NR	NR	0
WELL STIM PROJ	TP		NR	NR	NR	NR	NR	0
LOS ANGELES CO LF METHANE	0.500		0	0	0	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		2	NR	NR	NR	NR	2
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA LF	TP		NR	NR	NR	NR	NR	0
RGA LUST	TP		NR	NR	NR	NR	NR	0
- Totals --		43	49	55	22	6	0	175

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 **WILLIAM PILE ENTERPRISE INC** **HAZMAT** **S123546099**
Target Property **153 W AVENUE 34** **N/A**
LOS ANGELES, CA 90031

Site 1 of 37 in cluster A

Actual: 372 ft.

LOS ANGELES HM:

Facility ID:	FA0014665
Last Run Date:	01/01/2019
Status:	ACTIVE

A2 **TOUCHSTONE PICTURES - ROMY & MICHELLE** **HAZNET** **S112925318**
Target Property **141 W AVE 34** **N/A**
LOS ANGELES, CA 90031

Site 2 of 37 in cluster A

Actual: 372 ft.

HAZNET:

Name:	TOUCHSTONE PICTURES - ROMY & MICHELLE
Address:	141 W AVE 34
City,State,Zip:	LOS ANGELES, CA 90031
Year:	2002
GEPAID:	CAC002557374
Contact:	JOLLEN HASTINGS
Telephone:	8185264220
Mailing Name:	Not reported
Mailing Address:	800 S MAIN ST
Mailing City,St,Zip:	BURBANK, CA 91506
Gen County:	Los Angeles
TSD EPA ID:	UTD981552177
TSD County:	99
Tons:	0.165
CA Waste Code:	331-Off-specification, aged or surplus organics
Method:	T03-Treatment, Incineration
Facility County:	Los Angeles

Name:	TOUCHSTONE PICTURES - ROMY & MICHELLE
Address:	141 W AVE 34
City,State,Zip:	LOS ANGELES, CA 90031
Year:	2002
GEPAID:	CAC002557374
Contact:	JOLLEN HASTINGS
Telephone:	8185264220
Mailing Name:	Not reported
Mailing Address:	800 S MAIN ST
Mailing City,St,Zip:	BURBANK, CA 91506
Gen County:	Los Angeles
TSD EPA ID:	UTD981552177
TSD County:	99
Tons:	0.4587
CA Waste Code:	291-Latex waste
Method:	T03-Treatment, Incineration
Facility County:	Los Angeles

A3 Target Property **20TH CENTURY FOX (THE NIGHT WATCHMAN)**
3401 PASADENA AVE
LOS ANGELES, CA 90031

HAZNET **S112963118**
N/A

Site 3 of 37 in cluster A

Actual: 372 ft.

HAZNET:

Name:	20TH CENTURY FOX (THE NIGHT WATCHMAN)
Address:	3401 PASADENA AVE
City,State,Zip:	LOS ANGELES, CA 90031
Year:	2007
GEPAID:	CAC002619319
Contact:	PHIL ORSES/PAINT FOREMAN
Telephone:	2135343662
Mailing Name:	Not reported
Mailing Address:	1201 W 5TH ST STE M150
Mailing City,St,Zip:	LOS ANGELES, CA 90017
Gen County:	Los Angeles
TSD EPA ID:	CAD008252405
TSD County:	Los Angeles
Tons:	0.225
CA Waste Code:	352-Other organic solids
Method:	H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	Los Angeles

Name:	20TH CENTURY FOX (THE NIGHT WATCHMAN)
Address:	3401 PASADENA AVE
City,State,Zip:	LOS ANGELES, CA 90031
Year:	2007
GEPAID:	CAC002619319
Contact:	PHIL ORSES/PAINT FOREMAN
Telephone:	2135343662
Mailing Name:	Not reported
Mailing Address:	1201 W 5TH ST STE M150
Mailing City,St,Zip:	LOS ANGELES, CA 90017
Gen County:	Los Angeles
TSD EPA ID:	CAD008252405
TSD County:	Los Angeles
Tons:	0.4587
CA Waste Code:	133-Aqueous solution with total organic residues 10 percent or more
Method:	H061-Fuel Blending Prior To Energy Recovery At Another Site
Facility County:	Los Angeles

Name:	20TH CENTURY FOX (THE NIGHT WATCHMAN)
Address:	3401 PASADENA AVE
City,State,Zip:	LOS ANGELES, CA 90031
Year:	2007
GEPAID:	CAC002619319
Contact:	PHIL ORSES/PAINT FOREMAN
Telephone:	2135343662
Mailing Name:	Not reported
Mailing Address:	1201 W 5TH ST STE M150
Mailing City,St,Zip:	LOS ANGELES, CA 90017
Gen County:	Los Angeles
TSD EPA ID:	CAD008252405
TSD County:	Los Angeles
Tons:	0.22935
CA Waste Code:	133-Aqueous solution with total organic residues 10 percent or more

20TH CENTURY FOX (THE NIGHT WATCHMAN) (Continued) **S112963118**

Method:	H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	Los Angeles
Name:	20TH CENTURY FOX (THE NIGHT WATCHMAN)
Address:	3401 PASADENA AVE
City,State,Zip:	LOS ANGELES, CA 90031
Year:	2007
GEPAID:	CAC002619319
Contact:	PHIL ORSES/PAINT FOREMAN
Telephone:	2135343662
Mailing Name:	Not reported
Mailing Address:	1201 W 5TH ST STE M150
Mailing City,St,Zip:	LOS ANGELES, CA 90017
Gen County:	Los Angeles
TSD EPA ID:	CAD008252405
TSD County:	Los Angeles
Tons:	0.198
CA Waste Code:	214-Unspecified solvent mixture
Method:	H061-Fuel Blending Prior To Energy Recovery At Another Site
Facility County:	Los Angeles

A4 **AMERICAN CASTER CORP** **RCRA-SQG** **1000360753**
Target **141 W AVENUE 34** **FINDS** **CAD982351074**
Property **LOS ANGELES, CA 90031** **ECHO**
EMI
Site 4 of 37 in cluster A **HAZNET**
CERS

Actual:
372 ft.

RCRA-SQG:

Date form received by agency:	11/04/1987
Facility name:	AMERICAN CASTER CORP
Facility address:	141 W AVENUE 34 LOS ANGELES, CA 90031
EPA ID:	CAD982351074
Mailing address:	PO BOX 31370 LOS ANGELES, CA 90031
Contact:	ENVIRONMENTAL MANAGER
Contact address:	141 W AVENUE THIRTY FOURTH LOS ANGELES, CA 90031
Contact country:	US
Contact telephone:	213-227-8377
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	CARL DE LA TORRE
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	415-555-1212

AMERICAN CASTER CORP (Continued) **1000360753**

Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: Yes
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002799767

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZARDOUS AIR POLLUTANT MAJOR

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

AMERICAN CASTER CORP (Continued) **1000360753**

ECHO:

Envid:	1000360753
Registry ID:	110002799767
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002799767

EMI:

Year:	1987
County Code:	19
Air Basin:	SC
Facility ID:	19790
Air District Name:	SC
SIC Code:	3429
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	20
Reactive Organic Gases Tons/Yr:	19
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1990
County Code:	19
Air Basin:	SC
Facility ID:	19790
Air District Name:	SC
SIC Code:	3429
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	11
Reactive Organic Gases Tons/Yr:	6
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1993
County Code:	19
Air Basin:	SC
Facility ID:	19790
Air District Name:	SC
SIC Code:	3429
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	2
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

AMERICAN CASTER CORP (Continued) **1000360753**

Year:	1995
County Code:	19
Air Basin:	SC
Facility ID:	19790
Air District Name:	SC
SIC Code:	3429
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	2
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1996
County Code:	19
Air Basin:	SC
Facility ID:	19790
Air District Name:	SC
SIC Code:	3429
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

HAZNET:

Name:	AMERICAN CASTER CORP
Address:	141 W AVENUE 34
City,State,Zip:	LOS ANGELES, CA 900310000
Year:	1996
GEPAID:	CAD982351074
Contact:	CARL DE LA TORRE, OWNER
Telephone:	--
Mailing Name:	Not reported
Mailing Address:	PO BOX 31370
Mailing City,St,Zip:	LOS ANGELES, CA 900310000
Gen County:	Los Angeles
TSD EPA ID:	CAD008252405
TSD County:	Los Angeles
Tons:	0.2
CA Waste Code:	352-Other organic solids
Method:	R01-Recycler
Facility County:	Los Angeles

Name:	AMERICAN CASTER CORP
Address:	141 W AVENUE 34
City,State,Zip:	LOS ANGELES, CA 900310000
Year:	1995

AMERICAN CASTER CORP (Continued) **1000360753**

GEPAID: CAD982351074
Contact: CARL DE LA TORRE, OWNER
Telephone: --
Mailing Name: Not reported
Mailing Address: PO BOX 31370
Mailing City,St,Zip: LOS ANGELES, CA 900310000
Gen County: Los Angeles
TSD EPA ID: CAD008252405
TSD County: Los Angeles
Tons: 0.3
CA Waste Code: 352-Other organic solids
Method: T03-Treatment, Incineration
Facility County: Los Angeles

Name: AMERICAN CASTER CORP
Address: 141 W AVENUE 34
City,State,Zip: LOS ANGELES, CA 900310000
Year: 1993
GEPAID: CAD982351074
Contact: CARL DE LA TORRE, OWNER
Telephone: --
Mailing Name: Not reported
Mailing Address: PO BOX 31370
Mailing City,St,Zip: LOS ANGELES, CA 900310000
Gen County: Los Angeles
TSD EPA ID: CAD089466710
TSD County: Not reported
Tons: 0.0625
CA Waste Code: 223-Unspecified oil-containing waste
Method: H01-Transfer Station
Facility County: Los Angeles

Name: AMERICAN CASTER CORP
Address: 141 W AVENUE 34
City,State,Zip: LOS ANGELES, CA 900310000
Year: 1993
GEPAID: CAD982351074
Contact: CARL DE LA TORRE, OWNER
Telephone: --
Mailing Name: Not reported
Mailing Address: PO BOX 31370
Mailing City,St,Zip: LOS ANGELES, CA 900310000
Gen County: Los Angeles
TSD EPA ID: CAD089466710
TSD County: Not reported
Tons: 0.2
CA Waste Code: 213-Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Method: H01-Transfer Station
Facility County: Los Angeles

Name: AMERICAN CASTER CORP
Address: 141 W AVENUE 34
City,State,Zip: LOS ANGELES, CA 900310000
Year: 1993
GEPAID: CAD982351074
Contact: CARL DE LA TORRE, OWNER
Telephone: --

AMERICAN CASTER CORP (Continued) **1000360753**

Mailing Name: Not reported
Mailing Address: PO BOX 31370
Mailing City,St,Zip: LOS ANGELES, CA 900310000
Gen County: Los Angeles
TSD EPA ID: CAD008252405
TSD County: Los Angeles
Tons: 0.25
CA Waste Code: 352-Other organic solids
Method: R01-Recycler
Facility County: Los Angeles

Click this hyperlink while viewing on your computer to access additional CA_HAZNET: detail in the EDR Site Report.

CERS TANKS:
Site ID: 450970
CERS ID: 110002799767
Site Name: AMERICAN CASTER CORP
CERS Description: US EPA Air Emission Inventory System (EIS)

Affiliation:
Affiliation Type Desc: Environmental Contact
Entity Name: ENVIR MGMT
Entity Title: Not reported
Affiliation Address: 141 W AVE 34TH
Affiliation City: LOSANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

A5 **JARDINERO PRODUCTIONS LLC** **HAZNET** **S113461092**
Target **135 W AVENUE 34** **N/A**
Property **LOS ANGELES, CA 90031**

Site 5 of 37 in cluster A

Actual:
372 ft.

HAZNET:
Name: JARDINERO PRODUCTIONS LLC
Address: 135 W AVENUE 34
City,State,Zip: LOS ANGELES, CA 900311803
Year: 2010
GEPAID: CAC002654881
Contact: DENNIS CORDOVA
Telephone: 8185178811
Mailing Name: Not reported
Mailing Address: 1201 W 5TH ST STE F290
Mailing City,St,Zip: LOS ANGELES, CA 90017
Gen County: Los Angeles
TSD EPA ID: CAD008252405
TSD County: Los Angeles
Tons: 0.0792
CA Waste Code: 214-Unspecified solvent mixture
Method: H061-Fuel Blending Prior To Energy Recovery At Another Site
Facility County: Los Angeles

Name: JARDINERO PRODUCTIONS LLC

JARDINERO PRODUCTIONS LLC (Continued) **S113461092**

Address:	135 W AVENUE 34
City,State,Zip:	LOS ANGELES, CA 900311803
Year:	2010
GEPAID:	CAC002654881
Contact:	DENNIS CORDOVA
Telephone:	8185178811
Mailing Name:	Not reported
Mailing Address:	1201 W 5TH ST STE F290
Mailing City,St,Zip:	LOS ANGELES, CA 90017
Gen County:	Los Angeles
TSD EPA ID:	CAD008252405
TSD County:	Los Angeles
Tons:	0.1668
CA Waste Code:	291-Latex waste
Method:	H061-Fuel Blending Prior To Energy Recovery At Another Site
Facility County:	Los Angeles

A6 **RUSH HOUR PRODUCTIONS INC** **HAZNET** **S112887078**
Target **141 W AVENUE 34** **N/A**
Property **LOS ANGELES, CA 90031**

Site 6 of 37 in cluster A

Actual: **372 ft.**

HAZNET:

Name:	RUSH HOUR PRODUCTIONS INC
Address:	141 W AVENUE 34
City,State,Zip:	LOS ANGELES, CA 900310000
Year:	1998
GEPAID:	CAC001387408
Contact:	DENNIS MIYAMOTO
Telephone:	2132243588
Mailing Name:	Not reported
Mailing Address:	6565 SUNSET BLVD STE 425
Mailing City,St,Zip:	HOLLYWOOD, CA 900280000
Gen County:	Los Angeles
TSD EPA ID:	CAD008252405
TSD County:	Los Angeles
Tons:	0.1
CA Waste Code:	352-Other organic solids
Method:	-
Facility County:	Los Angeles

Name:	RUSH HOUR PRODUCTIONS INC
Address:	141 W AVENUE 34
City,State,Zip:	LOS ANGELES, CA 900310000
Year:	1998
GEPAID:	CAC001387408
Contact:	DENNIS MIYAMOTO
Telephone:	2132243588
Mailing Name:	Not reported
Mailing Address:	6565 SUNSET BLVD STE 425
Mailing City,St,Zip:	HOLLYWOOD, CA 900280000
Gen County:	Los Angeles
TSD EPA ID:	CAD008252405
TSD County:	Los Angeles
Tons:	0.6255
CA Waste Code:	133-Aqueous solution with total organic residues 10 percent or more
Method:	R01-Recycler

RUSH HOUR PRODUCTIONS INC (Continued) **S112887078**

Facility County: Los Angeles

Name: RUSH HOUR PRODUCTIONS INC
Address: 141 W AVENUE 34
City,State,Zip: LOS ANGELES, CA 900310000
Year: 1998
GEPAID: CAC001387408
Contact: DENNIS MIYAMOTO
Telephone: 2132243588
Mailing Name: Not reported
Mailing Address: 6565 SUNSET BLVD STE 425
Mailing City,St,Zip: HOLLYWOOD, CA 900280000
Gen County: Los Angeles
TSD EPA ID: CAD008252405
TSD County: Los Angeles
Tons: 0.18
CA Waste Code: 214-Unspecified solvent mixture
Method: -
Facility County: Los Angeles

Name: RUSH HOUR PRODUCTIONS INC
Address: 141 W AVENUE 34
City,State,Zip: LOS ANGELES, CA 900310000
Year: 1998
GEPAID: CAC001387408
Contact: DENNIS MIYAMOTO
Telephone: 2132243588
Mailing Name: Not reported
Mailing Address: 6565 SUNSET BLVD STE 425
Mailing City,St,Zip: HOLLYWOOD, CA 900280000
Gen County: Los Angeles
TSD EPA ID: CAD008252405
TSD County: Los Angeles
Tons: 0.8757
CA Waste Code: 291-Latex waste
Method: R01-Recycler
Facility County: Los Angeles

Name: RUSH HOUR PRODUCTIONS INC
Address: 141 W AVENUE 34
City,State,Zip: LOS ANGELES, CA 900310000
Year: 1997
GEPAID: CAC001387408
Contact: DENNIS MIYAMOTO
Telephone: 2132243588
Mailing Name: Not reported
Mailing Address: 6565 SUNSET BLVD STE 425
Mailing City,St,Zip: HOLLYWOOD, CA 900280000
Gen County: Los Angeles
TSD EPA ID: CAD008252405
TSD County: Los Angeles
Tons: 0.688
CA Waste Code: 291-Latex waste
Method: R01-Recycler
Facility County: Los Angeles

RUSH HOUR PRODUCTIONS INC (Continued) **S112887078**

Click this hyperlink while viewing on your computer to access additional CA_HAZNET: detail in the EDR Site Report.

A7 **BIRDDOG** **HAZNET** **S112929937**
Target **135 W AVENUE 34** **N/A**
Property **LOS ANGELES, CA 90031**

Site 7 of 37 in cluster A

Actual: **372 ft.**

HAZNET:

Name:	BIRDDOG
Address:	135 W AVENUE 34
City,State,Zip:	LOS ANGELES, CA 90031
Year:	2003
GEPAID:	CAC002565428
Contact:	CARLOS GONZALES
Telephone:	3104734421
Mailing Name:	Not reported
Mailing Address:	2811 WILSHIRE BLVD STE 700
Mailing City,St,Zip:	SANTA MONICA, CA 90403
Gen County:	Los Angeles
TSD EPA ID:	CAT080033681
TSD County:	Los Angeles
Tons:	0.4587
CA Waste Code:	291-Latex waste
Method:	R01-Recycler
Facility County:	Los Angeles

A8 **GONE GIRL** **HAZNET** **S123593546**
Target **3433 PASADENA AVE** **N/A**
Property **LOS ANGELES, CA 90031**

Site 8 of 37 in cluster A

Actual: **372 ft.**

HAZNET:

Name:	GONE GIRL
Address:	3433 PASADENA AVE
City,State,Zip:	LOS ANGELES, CA 90031
Year:	2014
GEPAID:	CAC002751861
Contact:	GARY ASTEL
Telephone:	3238601090
Mailing Name:	Not reported
Mailing Address:	5620 HOLLYWOOD BLVD
Mailing City,St,Zip:	HOLLYWOOD, CA 90028
Gen County:	Los Angeles
TSD EPA ID:	CAD044429835
TSD County:	Los Angeles
Tons:	0.1625
CA Waste Code:	291-Latex waste
Method:	H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	Los Angeles

Name:	GONE GIRL
Address:	3433 PASADENA AVE

GONE GIRL (Continued) **S123593546**

City,State,Zip: LOS ANGELES, CA 90031
Year: 2013
GEPAID: CAC002751861
Contact: GARY ASTEL
Telephone: 3238601090
Mailing Name: Not reported
Mailing Address: 5620 HOLLYWOOD BLVD
Mailing City,St,Zip: HOLLYWOOD, CA 90028
Gen County: Los Angeles
TSD EPA ID: CAD044429835
TSD County: Los Angeles
Tons: 0.3125
CA Waste Code: 291-Latex waste
Method: H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Los Angeles

Name: GONE GIRL
Address: 3433 PASADENA AVE
City,State,Zip: LOS ANGELES, CA 90031
Year: 2013
GEPAID: CAC002751861
Contact: GARY ASTEL
Telephone: 3238601090
Mailing Name: Not reported
Mailing Address: 5620 HOLLYWOOD BLVD
Mailing City,St,Zip: HOLLYWOOD, CA 90028
Gen County: Los Angeles
TSD EPA ID: NED981723513
TSD County: 99
Tons: 0.1125
CA Waste Code: 223-Unspecified oil-containing waste
Method: -
Facility County: Los Angeles

Name: GONE GIRL
Address: 3433 PASADENA AVE
City,State,Zip: LOS ANGELES, CA 90031
Year: 2013
GEPAID: CAC002751861
Contact: GARY ASTEL
Telephone: 3238601090
Mailing Name: Not reported
Mailing Address: 5620 HOLLYWOOD BLVD
Mailing City,St,Zip: HOLLYWOOD, CA 90028
Gen County: Los Angeles
TSD EPA ID: NED981723513
TSD County: 99
Tons: Not reported
CA Waste Code: -
Method: H040-Incineration--Thermal Destruction Other Than Use As A Fuel
Facility County: Los Angeles

Name: GONE GIRL
Address: 3433 PASADENA AVE
City,State,Zip: LOS ANGELES, CA 90031
Year: 2013

GONE GIRL (Continued) **S123593546**

GEPAID:	CAC002751861
Contact:	GARY ASTEL
Telephone:	3238601090
Mailing Name:	Not reported
Mailing Address:	5620 HOLLYWOOD BLVD
Mailing City,St,Zip:	HOLLYWOOD, CA 90028
Gen County:	Los Angeles
TSD EPA ID:	NED981723513
TSD County:	99
Tons:	0.15
CA Waste Code:	223-Unspecified oil-containing waste
Method:	H040-Incineration--Thermal Destruction Other Than Use As A Fuel
Facility County:	Los Angeles

Click this hyperlink while viewing on your computer to access additional CA_HAZNET: detail in the EDR Site Report.

A9 **MONEYBALL** **HAZNET** **S123636632**
Target **3433 PASADENA AVE** **N/A**
Property **LOS ANGELES, CA 90031**

Site 9 of 37 in cluster A

Actual:
372 ft.

HAZNET:

Name:	MONEYBALL
Address:	3433 PASADENA AVE
City,State,Zip:	LOS ANGELES, CA 90031
Year:	2009
GEPAID:	CAP000201210
Contact:	CAROL REYNOLDS
Telephone:	3102448866
Mailing Name:	Not reported
Mailing Address:	10202 WASHINGTON BLVD
Mailing City,St,Zip:	CULVER CITY, CA 90232
Gen County:	Los Angeles
TSD EPA ID:	CAD008302903
TSD County:	Los Angeles
Tons:	0.075
CA Waste Code:	352-Other organic solids
Method:	H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	Los Angeles

Name:	MONEYBALL
Address:	3433 PASADENA AVE
City,State,Zip:	LOS ANGELES, CA 90031
Year:	2009
GEPAID:	CAP000201210
Contact:	CAROL REYNOLDS
Telephone:	3102448866
Mailing Name:	Not reported
Mailing Address:	10202 WASHINGTON BLVD
Mailing City,St,Zip:	CULVER CITY, CA 90232
Gen County:	Los Angeles
TSD EPA ID:	CAD008302903
TSD County:	Los Angeles
Tons:	0.05
CA Waste Code:	212-Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)

MONEYBALL (Continued) **S123636632**

Method: H061-Fuel Blending Prior To Energy Recovery At Another Site
Facility County: Los Angeles

A10 **WARNER BROS** **HAZNET** **S118934536**
Target **135 W AVENUE 34** **N/A**
Property **LOS ANGELES, CA 90031**

Site 10 of 37 in cluster A

Actual: **372 ft.**

HAZNET:
Name: WARNER BROS
Address: 135 W AVENUE 34
City,State,Zip: LOS ANGELES, CA 900311803
Year: 2016
GEPAID: CAC002838300
Contact: MIKE ASENCIO
Telephone: 8054287879
Mailing Name: Not reported
Mailing Address: 135 W AVENUE 34
Mailing City,St,Zip: LOS ANGELES, CA 900311803
Gen County: Los Angeles
TSD EPA ID: CAD044429835
TSD County: Los Angeles
Tons: 0.3
CA Waste Code: 213-Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Method: H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Los Angeles

Name: WARNER BROS
Address: 135 W AVENUE 34
City,State,Zip: LOS ANGELES, CA 900311803
Year: 2016
GEPAID: CAC002838300
Contact: MIKE ASENCIO
Telephone: 8054287879
Mailing Name: Not reported
Mailing Address: 135 W AVENUE 34
Mailing City,St,Zip: LOS ANGELES, CA 900311803
Gen County: Los Angeles
TSD EPA ID: CAD044429835
TSD County: Los Angeles
Tons: 0.225
CA Waste Code: 352-Other organic solids
Method: H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Los Angeles

Name: WARNER BROS
Address: 135 W AVENUE 34
City,State,Zip: LOS ANGELES, CA 900311803
Year: 2016
GEPAID: CAC002838300
Contact: MIKE ASENCIO
Telephone: 8054287879
Mailing Name: Not reported
Mailing Address: 135 W AVENUE 34
Mailing City,St,Zip: LOS ANGELES, CA 900311803

WARNER BROS (Continued) **S118934536**

Gen County: Los Angeles
TSD EPA ID: NED981723513
TSD County: 99
Tons: 0.175
CA Waste Code: 213-Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Method: H040-Incineration--Thermal Destruction Other Than Use As A Fuel
Facility County: Los Angeles

Name: WARNER BROS
Address: 135 W AVENUE 34
City,State,Zip: LOS ANGELES, CA 900311803
Year: 2016
GEPAID: CAC002838300
Contact: MIKE ASENCIO
Telephone: 8054287879
Mailing Name: Not reported
Mailing Address: 135 W AVENUE 34
Mailing City,St,Zip: LOS ANGELES, CA 900311803
Gen County: Los Angeles
TSD EPA ID: UTD991301748
TSD County: 99
Tons: 2
CA Waste Code: 291-Latex waste
Method: H132-Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Facility County: Los Angeles

Name: WARNER BROS
Address: 135 W AVENUE 34
City,State,Zip: LOS ANGELES, CA 900311803
Year: 2015
GEPAID: CAC002838300
Contact: MIKE ASENCIO
Telephone: 8054287879
Mailing Name: Not reported
Mailing Address: 135 W AVENUE 34
Mailing City,St,Zip: LOS ANGELES, CA 900311803
Gen County: Los Angeles
TSD EPA ID: CAD044429835
TSD County: Los Angeles
Tons: 0.15
CA Waste Code: 213-Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Method: H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Los Angeles

Click this hyperlink while viewing on your computer to access
1 additional CA_HAZNET: record(s) in the EDR Site Report.

A11 **ALL ABOUT STEVE MOVIE SITE** **RCRA NonGen / NLR** **1010561857**
Target **135 W AVE 34** **CAP000187583**
Property **LOS ANGELES, CA 90031**

Site 11 of 37 in cluster A

Actual:
372 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/07/2008
Facility name:	ALL ABOUT STEVE MOVIE SITE
Facility address:	135 W AVE 34 BLDG 135 LOS ANGELES, CA 90031
EPA ID:	CAP000187583
Contact:	TIM JACKSON
Contact address:	135 W AVE 34 BLDG 135 LOS ANGELES, CA 90031
Contact country:	US
Contact telephone:	818-613-5208
Contact email:	Not reported
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	TWENTIETH CENTURY FOX
Owner/operator address:	135 W AVE 34 LOS ANGELES, CA 90031
Owner/operator country:	US
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/1920
Owner/Op end date:	Not reported

Owner/operator name:	TIIM JACKSON
Owner/operator address:	Not reported Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	04/01/2007
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No

ALL ABOUT STEVE MOVIE SITE (Continued) **1010561857**

Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 10/01/2007
Site name: ALL ABOUT STEVE MOVIE SITE
Classification: Small Quantity Generator

Hazardous Waste Summary:

. Waste code: D001
. Waste name: IGNITABLE WASTE

Violation Status: No violations found

A12 **INFORMANT PRODUCTIONS LLC** **HAZNET** **S123583942**
Target **3433 PASADENA AVE** **N/A**
Property **LOS ANGELES, CA 90031**

Site 12 of 37 in cluster A

Actual:
372 ft.

HAZNET:
Name: INFORMANT PRODUCTIONS LLC
Address: 3433 PASADENA AVE
City,State,Zip: LOS ANGELES, CA 90031
Year: 2008
GEPAID: CAC002631669
Contact: BRENT GAYLE
Telephone: 8189543880
Mailing Name: Not reported
Mailing Address: 4000 WARNER BLVD BLDG 44
Mailing City,St,Zip: BURBANK, CA 91522
Gen County: Los Angeles
TSD EPA ID: CAD008302903
TSD County: Los Angeles
Tons: 0.4
CA Waste Code: 291-Latex waste
Method: H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Los Angeles

Name: INFORMANT PRODUCTIONS LLC
Address: 3433 PASADENA AVE
City,State,Zip: LOS ANGELES, CA 90031
Year: 2008
GEPAID: CAC002631669
Contact: BRENT GAYLE
Telephone: 8189543880
Mailing Name: Not reported
Mailing Address: 4000 WARNER BLVD BLDG 44
Mailing City,St,Zip: BURBANK, CA 91522
Gen County: Los Angeles

INFORMANT PRODUCTIONS LLC (Continued) **S123583942**

TSD EPA ID: CAD008302903
TSD County: Los Angeles
Tons: 0.05
CA Waste Code: 352-Other organic solids
Method: H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Los Angeles

Name: INFORMANT PRODUCTIONS LLC
Address: 3433 PASADENA AVE
City,State,Zip: LOS ANGELES, CA 90031
Year: 2008
GEPAID: CAC002631669
Contact: BRENT GAYLE
Telephone: 8189543880
Mailing Name: Not reported
Mailing Address: 4000 WARNER BLVD BLDG 44
Mailing City,St,Zip: BURBANK, CA 91522
Gen County: Los Angeles
TSD EPA ID: CAD008302903
TSD County: Los Angeles
Tons: 0.075
CA Waste Code: 343-Unspecified organic liquid mixture
Method: H061-Fuel Blending Prior To Energy Recovery At Another Site
Facility County: Los Angeles

A13 **ALL ABOUT STEVE MOVIE SITE** **FINDS 1010697893**
Target **135 W AVE 34** **ECHO N/A**
Property **LOS ANGELES, CA 90031**

Site 13 of 37 in cluster A

Actual: 372 ft.

FINDS:

Registry ID: 110033020308

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1010697893
Registry ID: 110033020308
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110033020308

A14 **E D 1125 INC** **HAZNET** **S112957242**
Target **3401 PASADENA AVE** **N/A**
Property **LOS ANGELES, CA 90031**

Site 14 of 37 in cluster A

Actual:
372 ft.

HAZNET:

Name:	E D 1125 INC
Address:	3401 PASADENA AVE
City,State,Zip:	LOS ANGELES, CA 90031
Year:	2006
GEPAID:	CAC002609799
Contact:	TONY PENICHET
Telephone:	3232213393
Mailing Name:	Not reported
Mailing Address:	141 W AVENUE 34
Mailing City,St,Zip:	LOS ANGELES, CA 90031
Gen County:	Los Angeles
TSD EPA ID:	CAD028409019
TSD County:	Los Angeles
Tons:	0.595
CA Waste Code:	343-Unspecified organic liquid mixture
Method:	H061-Fuel Blending Prior To Energy Recovery At Another Site
Facility County:	Los Angeles

Name:	E D 1125 INC
Address:	3401 PASADENA AVE
City,State,Zip:	LOS ANGELES, CA 90031
Year:	2006
GEPAID:	CAC002609799
Contact:	TONY PENICHET
Telephone:	3232213393
Mailing Name:	Not reported
Mailing Address:	141 W AVENUE 34
Mailing City,St,Zip:	LOS ANGELES, CA 90031
Gen County:	Los Angeles
TSD EPA ID:	CAD028409019
TSD County:	Los Angeles
Tons:	0.125
CA Waste Code:	352-Other organic solids
Method:	H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	Los Angeles

Name:	E D 1125 INC
Address:	3401 PASADENA AVE
City,State,Zip:	LOS ANGELES, CA 90031
Year:	2006
GEPAID:	CAC002609799
Contact:	TONY PENICHET
Telephone:	3232213393
Mailing Name:	Not reported
Mailing Address:	141 W AVENUE 34
Mailing City,St,Zip:	LOS ANGELES, CA 90031
Gen County:	Los Angeles
TSD EPA ID:	CAD028409019
TSD County:	Los Angeles
Tons:	0.494
CA Waste Code:	221-Waste oil and mixed oil

E D 1125 INC (Continued) **S112957242**

Method:	H06-
Facility County:	Los Angeles
Name:	E D 1125 INC
Address:	3401 PASADENA AVE
City,State,Zip:	LOS ANGELES, CA 90031
Year:	2006
GEPAID:	CAC002609799
Contact:	TONY PENICHET
Telephone:	3232213393
Mailing Name:	Not reported
Mailing Address:	141 W AVENUE 34
Mailing City,St,Zip:	LOS ANGELES, CA 90031
Gen County:	Los Angeles
TSD EPA ID:	CAD028409019
TSD County:	Los Angeles
Tons:	0.38
CA Waste Code:	221-Waste oil and mixed oil
Method:	H061-Fuel Blending Prior To Energy Recovery At Another Site
Facility County:	Los Angeles
Name:	E D 1125 INC
Address:	3401 PASADENA AVE
City,State,Zip:	LOS ANGELES, CA 90031
Year:	2006
GEPAID:	CAC002609799
Contact:	TONY PENICHET
Telephone:	3232213393
Mailing Name:	Not reported
Mailing Address:	141 W AVENUE 34
Mailing City,St,Zip:	LOS ANGELES, CA 90031
Gen County:	Los Angeles
TSD EPA ID:	CAD028409019
TSD County:	Los Angeles
Tons:	0.34
CA Waste Code:	343-Unspecified organic liquid mixture
Method:	H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	Los Angeles

Click this hyperlink while viewing on your computer to access additional CA_HAZNET: detail in the EDR Site Report.

A15 **TOMCATS** **HAZNET** **S112909633**
Target **141 W AVE 34** **N/A**
Property **LOS ANGELES, CA 90031**

Site 15 of 37 in cluster A

Actual: **372 ft.**

HAZNET:

Name:	TOMCATS
Address:	141 W AVE 34
City,State,Zip:	LOS ANGELES, CA 900310000
Year:	2000
GEPAID:	CAC002287113
Contact:	TOM CAT PRODUCTIONS INC
Telephone:	3234051215
Mailing Name:	Not reported

TOMCATS (Continued) **S112909633**

Mailing Address: 141 W AVE 34
Mailing City,St,Zip: LOS ANGELES, CA 900310000
Gen County: Los Angeles
TSD EPA ID: CAD008252405
TSD County: Los Angeles
Tons: 0.9174
CA Waste Code: 133-Aqueous solution with total organic residues 10 percent or more
Method: R01-Recycler
Facility County: Los Angeles

Name: TOMCATS
Address: 141 W AVE 34
City,State,Zip: LOS ANGELES, CA 900310000
Year: 2000
GEPAID: CAC002287113
Contact: TOM CAT PRODUCTIONS INC
Telephone: 3234051215
Mailing Name: Not reported
Mailing Address: 141 W AVE 34
Mailing City,St,Zip: LOS ANGELES, CA 900310000
Gen County: Los Angeles
TSD EPA ID: CAD008252405
TSD County: Los Angeles
Tons: 0.3
CA Waste Code: 135-Unspecified aqueous solution
Method: R01-Recycler
Facility County: Los Angeles

Name: TOMCATS
Address: 141 W AVE 34
City,State,Zip: LOS ANGELES, CA 900310000
Year: 2000
GEPAID: CAC002287113
Contact: TOM CAT PRODUCTIONS INC
Telephone: 3234051215
Mailing Name: Not reported
Mailing Address: 141 W AVE 34
Mailing City,St,Zip: LOS ANGELES, CA 900310000
Gen County: Los Angeles
TSD EPA ID: CAD008252405
TSD County: Los Angeles
Tons: 0.198
CA Waste Code: 214-Unspecified solvent mixture
Method: R01-Recycler
Facility County: Los Angeles

A16 **END OF WATCH LLC** **HAZNET** **S113464688**
Target **3433 PASADENA AVE** **N/A**
Property **LOS ANGELES, CA 90031**

Site 16 of 37 in cluster A

Actual:
372 ft.

HAZNET:
Name: END OF WATCH LLC
Address: 3433 PASADENA AVE
City,State,Zip: LOS ANGELES, CA 900311929
Year: 2010
GEPAID: CAC002661078

END OF WATCH LLC (Continued) **S113464688**

Contact:	LARRY MENDOZA
Telephone:	3232928105
Mailing Name:	Not reported
Mailing Address:	3433 PASADENA AVE
Mailing City,St,Zip:	LOS ANGELES, CA 900311929
Gen County:	Los Angeles
TSD EPA ID:	CAD008252405
TSD County:	Los Angeles
Tons:	0.22935
CA Waste Code:	133-Aqueous solution with total organic residues 10 percent or more
Method:	H061-Fuel Blending Prior To Energy Recovery At Another Site
Facility County:	Los Angeles

Name:	END OF WATCH LLC
Address:	3433 PASADENA AVE
City,State,Zip:	LOS ANGELES, CA 900311929
Year:	2010
GEPAID:	CAC002661078
Contact:	LARRY MENDOZA
Telephone:	3232928105
Mailing Name:	Not reported
Mailing Address:	3433 PASADENA AVE
Mailing City,St,Zip:	LOS ANGELES, CA 900311929
Gen County:	Los Angeles
TSD EPA ID:	CAD008252405
TSD County:	Los Angeles
Tons:	0.396
CA Waste Code:	214-Unspecified solvent mixture
Method:	H061-Fuel Blending Prior To Energy Recovery At Another Site
Facility County:	Los Angeles

Name:	END OF WATCH LLC
Address:	3433 PASADENA AVE
City,State,Zip:	LOS ANGELES, CA 900311929
Year:	2010
GEPAID:	CAC002661078
Contact:	LARRY MENDOZA
Telephone:	3232928105
Mailing Name:	Not reported
Mailing Address:	3433 PASADENA AVE
Mailing City,St,Zip:	LOS ANGELES, CA 900311929
Gen County:	Los Angeles
TSD EPA ID:	CAD008252405
TSD County:	Los Angeles
Tons:	0.1
CA Waste Code:	352-Other organic solids
Method:	H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	Los Angeles

A17 **WARNER BROS HANGOVER 3** **HAZNET** **S113468753**
Target **3433 PASADENA AVE** **N/A**
Property **LOS ANGELES, CA 90031**

Site 17 of 37 in cluster A

Actual:
372 ft.

HAZNET:

Name:	WARNER BROS HANGOVER 3
Address:	3433 PASADENA AVE
City,State,Zip:	LOS ANGELES, CA 900310000
Year:	2012
GEPAID:	CAR000206029
Contact:	JEFF EGAN
Telephone:	8189544248
Mailing Name:	Not reported
Mailing Address:	4000 WARNER BLVD BLDG 133 RM 105
Mailing City,St,Zip:	BURBANK, CA 91522
Gen County:	Los Angeles
TSD EPA ID:	ARD981057870
TSD County:	99
Tons:	0.1815
CA Waste Code:	331-Off-specification, aged or surplus organics
Method:	-
Facility County:	Los Angeles

Name:	WARNER BROS HANGOVER 3
Address:	3433 PASADENA AVE
City,State,Zip:	LOS ANGELES, CA 900310000
Year:	2012
GEPAID:	CAR000206029
Contact:	JEFF EGAN
Telephone:	8189544248
Mailing Name:	Not reported
Mailing Address:	4000 WARNER BLVD BLDG 133 RM 105
Mailing City,St,Zip:	BURBANK, CA 91522
Gen County:	Los Angeles
TSD EPA ID:	ARD981057870
TSD County:	99
Tons:	0.099
CA Waste Code:	331-Off-specification, aged or surplus organics
Method:	H061-Fuel Blending Prior To Energy Recovery At Another Site
Facility County:	Los Angeles

Name:	WARNER BROS HANGOVER 3
Address:	3433 PASADENA AVE
City,State,Zip:	LOS ANGELES, CA 900310000
Year:	2012
GEPAID:	CAR000206029
Contact:	JEFF EGAN
Telephone:	8189544248
Mailing Name:	Not reported
Mailing Address:	4000 WARNER BLVD BLDG 133 RM 105
Mailing City,St,Zip:	BURBANK, CA 91522
Gen County:	Los Angeles
TSD EPA ID:	ARD981057870
TSD County:	99
Tons:	0.015
CA Waste Code:	352-Other organic solids
Method:	H061-Fuel Blending Prior To Energy Recovery At Another Site

WARNER BROS HANGOVER 3 (Continued) **S113468753**

Facility County: Los Angeles

Name: WARNER BROS HANGOVER 3
Address: 3433 PASADENA AVE
City,State,Zip: LOS ANGELES, CA 900310000
Year: 2010
GEPAID: CAR000206029
Contact: JEFF EGAN
Telephone: 8189544248
Mailing Name: Not reported
Mailing Address: 4000 WARNER BLVD BLDG 133 RM 105
Mailing City,St,Zip: BURBANK, CA 91522
Gen County: Los Angeles
TSD EPA ID: CAD008302903
TSD County: Los Angeles
Tons: 0.075
CA Waste Code: 352-Other organic solids
Method: H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Los Angeles

Name: WARNER BROS HANGOVER 3
Address: 3433 PASADENA AVE
City,State,Zip: LOS ANGELES, CA 900310000
Year: 2010
GEPAID: CAR000206029
Contact: JEFF EGAN
Telephone: 8189544248
Mailing Name: Not reported
Mailing Address: 4000 WARNER BLVD BLDG 133 RM 105
Mailing City,St,Zip: BURBANK, CA 91522
Gen County: Los Angeles
TSD EPA ID: CAD008302903
TSD County: Los Angeles
Tons: 0.15
CA Waste Code: 212-Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Method: H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Los Angeles

Click this hyperlink while viewing on your computer to access additional CA_HAZNET: detail in the EDR Site Report.

A18 **SOUL PRODUCTION LLC - END OF WATCH** **HAZNET** **S112992261**
Target **135 W AVENUE 34** **N/A**
Property **LOS ANGELES, CA 90031**

Site 18 of 37 in cluster A

Actual: **372 ft.**

HAZNET:
Name: SOUL PRODUCTION LLC - END OF WATCH
Address: 135 W AVENUE 34
City,State,Zip: LOS ANGELES, CA 90031
Year: 2011
GEPAID: CAC002674433
Contact: BRUCE SMITH
Telephone: 8187263663
Mailing Name: Not reported

SOUL PRODUCTION LLC - END OF WATCH (Continued) **S112992261**

Mailing Address: 1201 W 5TH ST STE F280
Mailing City,St,Zip: LOS ANGELES, CA 900171492
Gen County: Los Angeles
TSD EPA ID: CAD008252405
TSD County: Los Angeles
Tons: 0.22935
CA Waste Code: 133-Aqueous solution with total organic residues 10 percent or more
Method: H061-Fuel Blending Prior To Energy Recovery At Another Site
Facility County: Los Angeles

A19 **ORTIZ BROTHERS MOVING AND STORAGE** **HAZNET** **S112889924**
Target **135 W AVENUE 34** **N/A**
Property **LOS ANGELES, CA 90031**

Site 19 of 37 in cluster A

Actual: **372 ft.**

HAZNET:
Name: ORTIZ BROTHERS MOVING AND STORAGE
Address: 135 W AVENUE 34
City,State,Zip: LOS ANGELES, CA 900310000
Year: 1998
GEPAID: CAC001419176
Contact: ERIC ORTIZ-PARTNER
Telephone: 2132213393
Mailing Name: Not reported
Mailing Address: 135 W AVENUE 34
Mailing City,St,Zip: LOS ANGELES, CA 900310000
Gen County: Los Angeles
TSD EPA ID: CAT080013352
TSD County: Los Angeles
Tons: 2.0641
CA Waste Code: 213-Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Method: R01-Recycler
Facility County: Los Angeles

Name: ORTIZ BROTHERS MOVING AND STORAGE
Address: 135 W AVENUE 34
City,State,Zip: LOS ANGELES, CA 900310000
Year: 1998
GEPAID: CAC001419176
Contact: ERIC ORTIZ-PARTNER
Telephone: 2132213393
Mailing Name: Not reported
Mailing Address: 135 W AVENUE 34
Mailing City,St,Zip: LOS ANGELES, CA 900310000
Gen County: Los Angeles
TSD EPA ID: CAT080013352
TSD County: Los Angeles
Tons: 1.045
CA Waste Code: 221-Waste oil and mixed oil
Method: R01-Recycler
Facility County: Los Angeles

Name: ORTIZ BROTHERS MOVING AND STORAGE
Address: 135 W AVENUE 34
City,State,Zip: LOS ANGELES, CA 900310000
Year: 1998
GEPAID: CAC001419176

ORTIZ BROTHERS MOVING AND STORAGE (Continued) **S112889924**

Contact:	ERIC ORTIZ-PARTNER
Telephone:	2132213393
Mailing Name:	Not reported
Mailing Address:	135 W AVENUE 34
Mailing City,St,Zip:	LOS ANGELES, CA 900310000
Gen County:	Los Angeles
TSD EPA ID:	CAT080033681
TSD County:	Los Angeles
Tons:	0.25
CA Waste Code:	135-Unspecified aqueous solution
Method:	R01-Recycler
Facility County:	Los Angeles

Name:	ORTIZ BROTHERS MOVING AND STORAGE
Address:	135 W AVENUE 34
City,State,Zip:	LOS ANGELES, CA 900310000
Year:	1998
GEPAID:	CAC001419176
Contact:	ERIC ORTIZ-PARTNER
Telephone:	2132213393
Mailing Name:	Not reported
Mailing Address:	135 W AVENUE 34
Mailing City,St,Zip:	LOS ANGELES, CA 900310000
Gen County:	Los Angeles
TSD EPA ID:	CAT080013352
TSD County:	Los Angeles
Tons:	1.848
CA Waste Code:	135-Unspecified aqueous solution
Method:	R01-Recycler
Facility County:	Los Angeles

Name:	ORTIZ BROTHERS MOVING AND STORAGE
Address:	135 W AVENUE 34
City,State,Zip:	LOS ANGELES, CA 900310000
Year:	1998
GEPAID:	CAC001419176
Contact:	ERIC ORTIZ-PARTNER
Telephone:	2132213393
Mailing Name:	Not reported
Mailing Address:	135 W AVENUE 34
Mailing City,St,Zip:	LOS ANGELES, CA 900310000
Gen County:	Los Angeles
TSD EPA ID:	CAT080033681
TSD County:	Los Angeles
Tons:	0.748
CA Waste Code:	343-Unspecified organic liquid mixture
Method:	R01-Recycler
Facility County:	Los Angeles

Click this hyperlink while viewing on your computer to access
1 additional CA_HAZNET: record(s) in the EDR Site Report.

A20 **WARNER BROS PICTURES INC HANGOVER 3** **FINDS** **1015781181**
Target **3433 PASADENA AVE** **ECHO** **N/A**
Property **LOS ANGELES, CA 90031**

Site 20 of 37 in cluster A

Actual:
372 ft.

FINDS:

Registry ID: 110054820958

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1015781181
Registry ID:	110054820958
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110054820958

A21 **ELASTIC COATINGS ORGANIZATION** **HAZNET** **S112839573**
Target **3401 PASADENA AVENUE** **N/A**
Property **LOS ANGELES, CA 90031**

Site 21 of 37 in cluster A

Actual:
372 ft.

HAZNET:

Name:	ELASTIC COATINGS ORGANIZATION
Address:	3401 PASADENA AVENUE
City,State,Zip:	LOS ANGELES, CA 900310000
Year:	1993
GEPAID:	CAC000714448
Contact:	DAVID BERLANGA
Telephone:	8184579933
Mailing Name:	Not reported
Mailing Address:	3401 PASADENA AVENUE
Mailing City,St,Zip:	LOS ANGELES, CA 900310000
Gen County:	Los Angeles
TSD EPA ID:	CAD089446710
TSD County:	Los Angeles
Tons:	6.34
CA Waste Code:	214-Unspecified solvent mixture
Method:	R01-Recycler
Facility County:	Los Angeles

Name:	ELASTIC COATINGS ORGANIZATION
Address:	3401 PASADENA AVENUE
City,State,Zip:	LOS ANGELES, CA 900310000
Year:	1993
GEPAID:	CAC000714448
Contact:	DAVID BERLANGA
Telephone:	8184579933

ELASTIC COATINGS ORGANIZATION (Continued) **S112839573**

Mailing Name:	Not reported
Mailing Address:	3401 PASADENA AVENUE
Mailing City,St,Zip:	LOS ANGELES, CA 900310000
Gen County:	Los Angeles
TSD EPA ID:	CAD000088252
TSD County:	Los Angeles
Tons:	0.2293
CA Waste Code:	232-Pesticides and other waste associated with pesticide production
Method:	H01-Transfer Station
Facility County:	Los Angeles

Name:	ELASTIC COATINGS ORGANIZATION
Address:	3401 PASADENA AVENUE
City,State,Zip:	LOS ANGELES, CA 900310000
Year:	1993
GEPAID:	CAC000714448
Contact:	DAVID BERLANGA
Telephone:	8184579933
Mailing Name:	Not reported
Mailing Address:	3401 PASADENA AVENUE
Mailing City,St,Zip:	LOS ANGELES, CA 900310000
Gen County:	Los Angeles
TSD EPA ID:	CAD000088252
TSD County:	Los Angeles
Tons:	0.2293
CA Waste Code:	122-Alkaline solution without metals pH >= 12.5
Method:	H01-Transfer Station
Facility County:	Los Angeles

A22 **STEP UP 3D** **HAZNET** **S113459276**
Target **135 W AVENUE 34** **N/A**
Property **LOS ANGELES, CA 90031**

Site 22 of 37 in cluster A

Actual:
372 ft.

HAZNET:

Name:	STEP UP 3D
Address:	135 W AVENUE 34
City,State,Zip:	LOS ANGELES, CA 90031
Year:	2010
GEPAID:	CAC002651863
Contact:	CHRIS FORESTER
Telephone:	8185264218
Mailing Name:	Not reported
Mailing Address:	800 S MAIN ST FL 3
Mailing City,St,Zip:	BURBANK, CA 915063306
Gen County:	Los Angeles
TSD EPA ID:	CAD980675276
TSD County:	Kern
Tons:	0.0625
CA Waste Code:	291-Latex waste
Method:	H132-Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Facility County:	Los Angeles

A23 **ORTIZ BROTHERS MOVING AND STORAGE** **HAZNET** **S112881201**
Target **135 W AVENUE 34** **N/A**
Property **LOS ANGELES, CA 90031**

Site 23 of 37 in cluster A

Actual: **372 ft.**

HAZNET:

Name:	ORTIZ BROTHERS MOVING AND STORAGE
Address:	135 W AVENUE 34
City,State,Zip:	LOS ANGELES, CA 900310000
Year:	1997
GEPAID:	CAC001308488
Contact:	ERIC ORTIZ-PARTNER
Telephone:	2132213393
Mailing Name:	Not reported
Mailing Address:	135 W AVENUE 34
Mailing City,St,Zip:	LOS ANGELES, CA 900310000
Gen County:	Los Angeles
TSD EPA ID:	CAT080013352
TSD County:	Los Angeles
Tons:	3.8
CA Waste Code:	221-Waste oil and mixed oil
Method:	R01-Recycler
Facility County:	Los Angeles

Name:	ORTIZ BROTHERS MOVING AND STORAGE
Address:	135 W AVENUE 34
City,State,Zip:	LOS ANGELES, CA 900310000
Year:	1997
GEPAID:	CAC001308488
Contact:	ERIC ORTIZ-PARTNER
Telephone:	2132213393
Mailing Name:	Not reported
Mailing Address:	135 W AVENUE 34
Mailing City,St,Zip:	LOS ANGELES, CA 900310000
Gen County:	Los Angeles
TSD EPA ID:	CAD982444481
TSD County:	San Bernardino
Tons:	0.5
CA Waste Code:	352-Other organic solids
Method:	H01-Transfer Station
Facility County:	Los Angeles

A24 **FIVE CONTINENT IMPORTS LLC** **HAZNET** **S113461910**
Target **141 W AVENUE 34** **N/A**
Property **LOS ANGELES, CA 90031**

Site 24 of 37 in cluster A

Actual: **372 ft.**

HAZNET:

Name:	FIVE CONTINENT IMPORTS LLC
Address:	141 W AVENUE 34
City,State,Zip:	LOS ANGELES, CA 90031
Year:	2010
GEPAID:	CAC002656262
Contact:	ROSS MOCK
Telephone:	8186219444
Mailing Name:	Not reported
Mailing Address:	8899 BEVERLY BLVD STE 510
Mailing City,St,Zip:	LOS ANGELES, CA 90048

FIVE CONTINENT IMPORTS LLC (Continued) **S113461910**

Gen County: Los Angeles
TSD EPA ID: AZR000501510
TSD County: 99
Tons: 0.2085
CA Waste Code: 291-Latex waste
Method: H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Los Angeles

A25 **LOVE & BASKETBALL** **HAZNET** **S112894020**
Target **135 W AVE 34** **N/A**
Property **LOS ANGELES, CA 90031**

Site 25 of 37 in cluster A

Actual: **372 ft.**

HAZNET:
Name: LOVE & BASKETBALL
Address: 135 W AVE 34
City,State,Zip: LOS ANGELES, CA 900310000
Year: 1999
GEPAID: CAC001474784
Contact: NEWLINE CINEMA
Telephone: 3236581180
Mailing Name: Not reported
Mailing Address: 6423 WILSHIRE 2ND FLOOR
Mailing City,St,Zip: LOS ANGELES, CA 900480000
Gen County: Los Angeles
TSD EPA ID: CAD008252405
TSD County: Los Angeles
Tons: 0.072
CA Waste Code: 214-Unspecified solvent mixture
Method: R01-Recycler
Facility County: Los Angeles

Name: LOVE & BASKETBALL
Address: 135 W AVE 34
City,State,Zip: LOS ANGELES, CA 900310000
Year: 1999
GEPAID: CAC001474784
Contact: NEWLINE CINEMA
Telephone: 3236581180
Mailing Name: Not reported
Mailing Address: 6423 WILSHIRE 2ND FLOOR
Mailing City,St,Zip: LOS ANGELES, CA 900480000
Gen County: Los Angeles
TSD EPA ID: CAD008252405
TSD County: Los Angeles
Tons: 0.0834
CA Waste Code: 133-Aqueous solution with total organic residues 10 percent or more
Method: R01-Recycler
Facility County: Los Angeles

A26 **LIE TO ME** **HAZNET** **S113153572**
Target **141 W AVENUE 34** **N/A**
Property **LOS ANGELES, CA 90031**

Site 26 of 37 in cluster A

Actual:
372 ft.

HAZNET:

Name:	LIE TO ME
Address:	141 W AVENUE 34
City,State,Zip:	LOS ANGELES, CA 90031
Year:	2008
GEPAID:	CAL000335244
Contact:	DONALD ISHIHARA
Telephone:	3103694277
Mailing Name:	Not reported
Mailing Address:	PO BOX 900 99/531
Mailing City,St,Zip:	BEVERLY HILLS, CA 90035
Gen County:	Los Angeles
TSD EPA ID:	CAD008302903
TSD County:	Los Angeles
Tons:	0.1
CA Waste Code:	213-Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Method:	H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	Los Angeles

Name:	LIE TO ME
Address:	141 W AVENUE 34
City,State,Zip:	LOS ANGELES, CA 90031
Year:	2008
GEPAID:	CAL000335244
Contact:	DONALD ISHIHARA
Telephone:	3103694277
Mailing Name:	Not reported
Mailing Address:	PO BOX 900 99/531
Mailing City,St,Zip:	BEVERLY HILLS, CA 90035
Gen County:	Los Angeles
TSD EPA ID:	CAD008302903
TSD County:	Los Angeles
Tons:	0.05
CA Waste Code:	461-Paint sludge
Method:	H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	Los Angeles

Name:	LIE TO ME
Address:	141 W AVENUE 34
City,State,Zip:	LOS ANGELES, CA 90031
Year:	2008
GEPAID:	CAL000335244
Contact:	DONALD ISHIHARA
Telephone:	3103694277
Mailing Name:	Not reported
Mailing Address:	PO BOX 900 99/531
Mailing City,St,Zip:	BEVERLY HILLS, CA 90035
Gen County:	Los Angeles
TSD EPA ID:	CAD008302903
TSD County:	Los Angeles
Tons:	0.1

LIE TO ME (Continued) **S113153572**

CA Waste Code: 291-Latex waste
Method: H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Los Angeles

A27 **ALL ABOUT STEVE MOVIE SITE** **HAZNET** **S113171594**
Target **135 W AVE 34 BLDG 135** **N/A**
Property **LOS ANGELES, CA 90031**

Site 27 of 37 in cluster A

Actual:
372 ft.

HAZNET:
Name: ALL ABOUT STEVE MOVIE SITE
Address: 135 W AVE 34 BLDG 135
City,State,Zip: LOS ANGELES, CA 900310000
Year: 2007
GEPAID: CAP000187583
Contact: TIM JACKSON
Telephone: 8186135208
Mailing Name: Not reported
Mailing Address: 135 W AVE 34 BLDG 135
Mailing City,St,Zip: LOS ANGELES, CA 900310000
Gen County: Los Angeles
TSD EPA ID: ARD981057870
TSD County: 99
Tons: 0.1
CA Waste Code: 352-Other organic solids
Method: H061-Fuel Blending Prior To Energy Recovery At Another Site
Facility County: Los Angeles

Name: ALL ABOUT STEVE MOVIE SITE
Address: 135 W AVE 34 BLDG 135
City,State,Zip: LOS ANGELES, CA 900310000
Year: 2007
GEPAID: CAP000187583
Contact: TIM JACKSON
Telephone: 8186135208
Mailing Name: Not reported
Mailing Address: 135 W AVE 34 BLDG 135
Mailing City,St,Zip: LOS ANGELES, CA 900310000
Gen County: Los Angeles
TSD EPA ID: ARD981057870
TSD County: 99
Tons: 0.726
CA Waste Code: 331-Off-specification, aged or surplus organics
Method: H061-Fuel Blending Prior To Energy Recovery At Another Site
Facility County: Los Angeles

A28 **NURSE BETTY PRODUCTIONS** **HAZNET** **S112899888**
Target **135 W AVENUE 34** **N/A**
Property **LOS ANGELES, CA 90031**

Site 28 of 37 in cluster A

Actual: **372 ft.**

HAZNET:

Name:	NURSE BETTY PRODUCTIONS
Address:	135 W AVENUE 34
City,State,Zip:	LOS ANGELES, CA 900310000
Year:	1999
GEPAID:	CAC002135697
Contact:	NURSE BETTY PRODUCTIONS
Telephone:	0000000000
Mailing Name:	Not reported
Mailing Address:	1041 NO FORMOSA AVE
Mailing City,St,Zip:	HOLLYWOOD, CA 900460000
Gen County:	Los Angeles
TSD EPA ID:	CAD008252405
TSD County:	Los Angeles
Tons:	0
CA Waste Code:	461-Paint sludge
Method:	R01-Recycler
Facility County:	Los Angeles

A29 **ABC SIGNATURE STUDIOS** **HAZNET** **S123048411**
Target **141 W. AVENUE 34** **N/A**
Property **LOS ANGELES, CA 90031**

Site 29 of 37 in cluster A

Actual: **372 ft.**

HAZNET:

Name:	ABC SIGNATURE STUDIOS
Address:	141 W. AVENUE 34
City,State,Zip:	LOS ANGELES, CA 90031
Year:	2017
GEPAID:	CAC002896108
Contact:	RYAN MAJUS
Telephone:	8055510403
Mailing Name:	Not reported
Mailing Address:	4151 PROSPECT AVE
Mailing City,St,Zip:	LOS ANGELES, CA 90027
Gen County:	Los Angeles
TSD EPA ID:	UTD991301748
TSD County:	99
Tons:	0.2
CA Waste Code:	291-Latex waste
Method:	H132-Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Facility County:	Los Angeles

A30 **BOB BAKER PRODUCTIONS** **EMI** **S106827113**
Target **3401 PASADENA AVENUE** **N/A**
Property **LOS ANGELES, CA 90031**

Site 30 of 37 in cluster A

Actual: **372 ft.**

EMI:

Year:	1990
County Code:	19
Air Basin:	SC
Facility ID:	69632
Air District Name:	SC
SIC Code:	7832
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

A31 **20TH CENTURY FOX/DARE DEVIL** **HAZNET** **S112921267**
Target **135 W AVE 34** **N/A**
Property **LOS ANGELES, CA 90031**

Site 31 of 37 in cluster A

Actual: **372 ft.**

HAZNET:

Name:	20TH CENTURY FOX/DARE DEVIL
Address:	135 W AVE 34
City,State,Zip:	LOS ANGELES, CA 90031
Year:	2002
GEPAID:	CAC002550641
Contact:	SUSAN LA RIVIERA
Telephone:	3105667800
Mailing Name:	Not reported
Mailing Address:	11965 VENICE BLVD STE 205
Mailing City,St,Zip:	LOS ANGELES, CA 90066
Gen County:	Los Angeles
TSD EPA ID:	CAD008252405
TSD County:	Los Angeles
Tons:	1.71
CA Waste Code:	214-Unspecified solvent mixture
Method:	R01-Recycler
Facility County:	Los Angeles

Name:	20TH CENTURY FOX/DARE DEVIL
Address:	135 W AVE 34
City,State,Zip:	LOS ANGELES, CA 90031
Year:	2002
GEPAID:	CAC002550641
Contact:	SUSAN LA RIVIERA
Telephone:	3105667800
Mailing Name:	Not reported
Mailing Address:	11965 VENICE BLVD STE 205
Mailing City,St,Zip:	LOS ANGELES, CA 90066
Gen County:	Los Angeles

20TH CENTURY FOX/DARE DEVIL (Continued) **S112921267**

TSD EPA ID: CAD008252405
TSD County: Los Angeles
Tons: 0.1225
CA Waste Code: 352-Other organic solids
Method: R01-Recycler
Facility County: Los Angeles

Name: 20TH CENTURY FOX/DARE DEVIL
Address: 135 W AVE 34
City,State,Zip: LOS ANGELES, CA 90031
Year: 2002
GEPAID: CAC002550641
Contact: SUSAN LA RIVIERA
Telephone: 3105667800
Mailing Name: Not reported
Mailing Address: 11965 VENICE BLVD STE 205
Mailing City,St,Zip: LOS ANGELES, CA 90066
Gen County: Los Angeles
TSD EPA ID: CAD008302903
TSD County: Los Angeles
Tons: 0.396
CA Waste Code: 214-Unspecified solvent mixture
Method: R01-Recycler
Facility County: Los Angeles

Name: 20TH CENTURY FOX/DARE DEVIL
Address: 135 W AVE 34
City,State,Zip: LOS ANGELES, CA 90031
Year: 2002
GEPAID: CAC002550641
Contact: SUSAN LA RIVIERA
Telephone: 3105667800
Mailing Name: Not reported
Mailing Address: 11965 VENICE BLVD STE 205
Mailing City,St,Zip: LOS ANGELES, CA 90066
Gen County: Los Angeles
TSD EPA ID: CAD008302903
TSD County: Los Angeles
Tons: 0.075
CA Waste Code: 352-Other organic solids
Method: H01-Transfer Station
Facility County: Los Angeles

Name: 20TH CENTURY FOX/DARE DEVIL
Address: 135 W AVE 34
City,State,Zip: LOS ANGELES, CA 90031
Year: 2002
GEPAID: CAC002550641
Contact: SUSAN LA RIVIERA
Telephone: 3105667800
Mailing Name: Not reported
Mailing Address: 11965 VENICE BLVD STE 205
Mailing City,St,Zip: LOS ANGELES, CA 90066
Gen County: Los Angeles
TSD EPA ID: CAD008252405
TSD County: Los Angeles
Tons: 0.06

20TH CENTURY FOX/DARE DEVIL (Continued) **S112921267**

CA Waste Code: 352-Other organic solids
Method: H01-Transfer Station
Facility County: Los Angeles

Click this hyperlink while viewing on your computer to access additional CA_HAZNET: detail in the EDR Site Report.

A32 **BATTLE OF THE SEXES** **HAZNET** **S121020358**
Target **141 W AVE 34** **N/A**
Property **LOS ANGELES, CA 90031**

Site 32 of 37 in cluster A

Actual: **372 ft.**

HAZNET:

Name: BATTLE OF THE SEXES
Address: 141 W AVE 34
City,State,Zip: LOS ANGELES, CA 90031
Year: 2016
GEPAID: CAL000416077
Contact: DONALD ISHIHARA
Telephone: 3103694277
Mailing Name: Not reported
Mailing Address: PO BOX 900, 99/450
Mailing City,St,Zip: BEVERLY HILLS, CA 90213
Gen County: Los Angeles
TSD EPA ID: CAD008302903
TSD County: Los Angeles
Tons: 0.075
CA Waste Code: 213-Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Method: H061-Fuel Blending Prior To Energy Recovery At Another Site
Facility County: Los Angeles

Name: BATTLE OF THE SEXES
Address: 141 W AVE 34
City,State,Zip: LOS ANGELES, CA 90031
Year: 2016
GEPAID: CAL000416077
Contact: DONALD ISHIHARA
Telephone: 3103694277
Mailing Name: Not reported
Mailing Address: PO BOX 900, 99/450
Mailing City,St,Zip: BEVERLY HILLS, CA 90213
Gen County: Los Angeles
TSD EPA ID: CAD008302903
TSD County: Los Angeles
Tons: 0.05
CA Waste Code: 352-Other organic solids
Method: H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Los Angeles

Name: BATTLE OF THE SEXES
Address: 141 W AVE 34
City,State,Zip: LOS ANGELES, CA 90031
Year: 2016
GEPAID: CAL000416077
Contact: DONALD ISHIHARA
Telephone: 3103694277

BATTLE OF THE SEXES (Continued) **S121020358**

Mailing Name:	Not reported
Mailing Address:	PO BOX 900, 99/450
Mailing City,St,Zip:	BEVERLY HILLS, CA 90213
Gen County:	Los Angeles
TSD EPA ID:	CAD008302903
TSD County:	Los Angeles
Tons:	0.8
CA Waste Code:	291-Latex waste
Method:	H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	Los Angeles

A33 **HOTEL FOR DOGS** **HAZNET** **S112965979**
Target **3433 PASADENA AVE** **N/A**
Property **LOS ANGELES, CA 90031**

Site 33 of 37 in cluster A

Actual: **372 ft.**

HAZNET:

Name:	HOTEL FOR DOGS
Address:	3433 PASADENA AVE
City,State,Zip:	LOS ANGELES, CA 90031
Year:	2008
GEPAID:	CAC002623838
Contact:	MARTY GIBBONS
Telephone:	3232234400
Mailing Name:	Not reported
Mailing Address:	3100 UNIVERSAL PLAZA
Mailing City,St,Zip:	UNIVERSAL CITY, CA 91608
Gen County:	Los Angeles
TSD EPA ID:	CAD008252405
TSD County:	Los Angeles
Tons:	0.363
CA Waste Code:	212-Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Method:	H061-Fuel Blending Prior To Energy Recovery At Another Site
Facility County:	Los Angeles

Name:	HOTEL FOR DOGS
Address:	3433 PASADENA AVE
City,State,Zip:	LOS ANGELES, CA 90031
Year:	2008
GEPAID:	CAC002623838
Contact:	MARTY GIBBONS
Telephone:	3232234400
Mailing Name:	Not reported
Mailing Address:	3100 UNIVERSAL PLAZA
Mailing City,St,Zip:	UNIVERSAL CITY, CA 91608
Gen County:	Los Angeles
TSD EPA ID:	CAD008252405
TSD County:	Los Angeles
Tons:	1.8348
CA Waste Code:	133-Aqueous solution with total organic residues 10 percent or more
Method:	H061-Fuel Blending Prior To Energy Recovery At Another Site
Facility County:	Los Angeles

Name:	HOTEL FOR DOGS
Address:	3433 PASADENA AVE
City,State,Zip:	LOS ANGELES, CA 90031

HOTEL FOR DOGS (Continued) **S112965979**

Year:	2008
GEPAID:	CAC002623838
Contact:	MARTY GIBBONS
Telephone:	3232234400
Mailing Name:	Not reported
Mailing Address:	3100 UNIVERSAL PLAZA
Mailing City,St,Zip:	UNIVERSAL CITY, CA 91608
Gen County:	Los Angeles
TSD EPA ID:	CAD008252405
TSD County:	Los Angeles
Tons:	0.125
CA Waste Code:	352-Other organic solids
Method:	H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	Los Angeles

Name:	HOTEL FOR DOGS
Address:	3433 PASADENA AVE
City,State,Zip:	LOS ANGELES, CA 90031
Year:	2007
GEPAID:	CAC002623838
Contact:	MARTY GIBBONS
Telephone:	3232234400
Mailing Name:	Not reported
Mailing Address:	3100 UNIVERSAL PLAZA
Mailing City,St,Zip:	UNIVERSAL CITY, CA 91608
Gen County:	Los Angeles
TSD EPA ID:	CAD008252405
TSD County:	Los Angeles
Tons:	0.22935
CA Waste Code:	133-Aqueous solution with total organic residues 10 percent or more
Method:	H061-Fuel Blending Prior To Energy Recovery At Another Site
Facility County:	Los Angeles

A34 **WARNER BROS PICTURES INC HANGOVER 3** **RCRA NonGen / NLR** **1014387148**
Target **3433 PASADENA AVE** **CAR000206029**
Property **LOS ANGELES, CA 90031**

Site 34 of 37 in cluster A

Actual: **372 ft.**

RCRA NonGen / NLR:

Date form received by agency:	11/06/2012
Facility name:	WARNER BROS PICTURES INC HANGOVER 3
Facility address:	3433 PASADENA AVE LOS ANGELES, CA 90031
EPA ID:	CAR000206029
Mailing address:	4000 WARNER BLVD BURBANK, CA 91522
Contact:	JEFF EAGAN
Contact address:	4000 WARNER BLVD BURBANK, CA 91522
Contact country:	US
Contact telephone:	818-954-4248
Contact email:	SDOUGLAS@RINECO.COM
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

WARNER BROS PICTURES INC HANGOVER 3 (Continued) **1014387148**

Owner/Operator Summary:
- Owner/operator name: JEFF EGAN
- Owner/operator address: Not reported
  Not reported
- Owner/operator country: US
- Owner/operator telephone: Not reported
- Owner/operator email: Not reported
- Owner/operator fax: Not reported
- Owner/operator extension: Not reported
- Legal status: Private
- Owner/Operator Type: Operator
- Owner/Op start date: 07/17/2012
- Owner/Op end date: Not reported

- Owner/operator name: WARNER BROS PICTURES
- Owner/operator address: 4000 WARNER BLVD BLDG 133 RM 105
  BURBANK, CA 91522
- Owner/operator country: US
- Owner/operator telephone: 818-954-1880
- Owner/operator email: Not reported
- Owner/operator fax: Not reported
- Owner/operator extension: Not reported
- Legal status: Private
- Owner/Operator Type: Owner
- Owner/Op start date: 07/17/2012
- Owner/Op end date: Not reported

Handler Activities Summary:
- U.S. importer of hazardous waste: No
- Mixed waste (haz. and radioactive): No
- Recycler of hazardous waste: No
- Transporter of hazardous waste: No
- Treater, storer or disposer of HW: No
- Underground injection activity: No
- On-site burner exemption: No
- Furnace exemption: No
- Used oil fuel burner: No
- Used oil processor: No
- User oil refiner: No
- Used oil fuel marketer to burner: No
- Used oil Specification marketer: No
- Used oil transfer facility: No
- Used oil transporter: No

Historical Generators:
- Date form received by agency: 08/02/2012
- Site name: WARNER BROS H3
- Classification: Small Quantity Generator

- Date form received by agency: 05/13/2010
- Site name: BAD TEACHER CONSTRUCTION WAREHOUSE
- Classification: Not a generator, verified

- Date form received by agency: 03/05/2010
- Site name: BAD TEACHER CONSTRUCTION WAREHOUSE
- Classification: Small Quantity Generator

WARNER BROS PICTURES INC HANGOVER 3 (Continued) **1014387148**

Hazardous Waste Summary:

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

A35 **OLIVERS ARROW MOVIE SET** **HAZNET** **S112980656**
Target **135 W AVENUE 34** **N/A**
Property **LOS ANGELES, CA 90031**

Site 35 of 37 in cluster A

Actual:
372 ft.

HAZNET:

Name:	OLIVERS ARROW MOVIE SET
Address:	135 W AVENUE 34
City,State,Zip:	LOS ANGELES, CA 90031
Year:	2009
GEPAID:	CAC002646704
Contact:	BRIAN ROCK
Telephone:	3232271100
Mailing Name:	Not reported
Mailing Address:	1201 W 5TH ST STE F-300
Mailing City,St,Zip:	LOS ANGELES, CA 90017
Gen County:	Los Angeles
TSD EPA ID:	CAD044429835
TSD County:	Los Angeles
Tons:	0.1749
CA Waste Code:	331-Off-specification, aged or surplus organics
Method:	H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	Los Angeles

Name: OLIVERS ARROW MOVIE SET

OLIVERS ARROW MOVIE SET (Continued) **S112980656**

Address:	135 W AVENUE 34
City,State,Zip:	LOS ANGELES, CA 90031
Year:	2009
GEPAID:	CAC002646704
Contact:	BRIAN ROCK
Telephone:	3232271100
Mailing Name:	Not reported
Mailing Address:	1201 W 5TH ST STE F-300
Mailing City,St,Zip:	LOS ANGELES, CA 90017
Gen County:	Los Angeles
TSD EPA ID:	NVT330010000
TSD County:	99
Tons:	3.91563
CA Waste Code:	291-Latex waste
Method:	H039-Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Facility County:	Los Angeles

Name:	OLIVERS ARROW MOVIE SET
Address:	135 W AVENUE 34
City,State,Zip:	LOS ANGELES, CA 90031
Year:	2009
GEPAID:	CAC002646704
Contact:	BRIAN ROCK
Telephone:	3232271100
Mailing Name:	Not reported
Mailing Address:	1201 W 5TH ST STE F-300
Mailing City,St,Zip:	LOS ANGELES, CA 90017
Gen County:	Los Angeles
TSD EPA ID:	ARD981057870
TSD County:	99
Tons:	0.1749
CA Waste Code:	331-Off-specification, aged or surplus organics
Method:	H061-Fuel Blending Prior To Energy Recovery At Another Site
Facility County:	Los Angeles

Name:	OLIVERS ARROW MOVIE SET
Address:	135 W AVENUE 34
City,State,Zip:	LOS ANGELES, CA 90031
Year:	2009
GEPAID:	CAC002646704
Contact:	BRIAN ROCK
Telephone:	3232271100
Mailing Name:	Not reported
Mailing Address:	1201 W 5TH ST STE F-300
Mailing City,St,Zip:	LOS ANGELES, CA 90017
Gen County:	Los Angeles
TSD EPA ID:	ARD981057870
TSD County:	99
Tons:	0.345
CA Waste Code:	352-Other organic solids
Method:	H061-Fuel Blending Prior To Energy Recovery At Another Site
Facility County:	Los Angeles

Name:	OLIVERS ARROW MOVIE SET
Address:	135 W AVENUE 34
City,State,Zip:	LOS ANGELES, CA 90031

OLIVERS ARROW MOVIE SET (Continued) **S112980656**

Year:	2009
GEPAID:	CAC002646704
Contact:	BRIAN ROCK
Telephone:	3232271100
Mailing Name:	Not reported
Mailing Address:	1201 W 5TH ST STE F-300
Mailing City,St,Zip:	LOS ANGELES, CA 90017
Gen County:	Los Angeles
TSD EPA ID:	ARD981057870
TSD County:	99
Tons:	1.5912
CA Waste Code:	343-Unspecified organic liquid mixture
Method:	H061-Fuel Blending Prior To Energy Recovery At Another Site
Facility County:	Los Angeles

Click this hyperlink while viewing on your computer to access
1 additional CA_HAZNET: record(s) in the EDR Site Report.

A36 **DREAMWORKS PRODUCTION LLC/HOTEL FOR DOGS** **HAZNET** **S112970806**
Target **141 W AVENUE 34** **N/A**
Property **LOS ANGELES, CA 90031**

Site 36 of 37 in cluster A

Actual: **372 ft.**

HAZNET:

Name:	DREAMWORKS PRODUCTION LLC/HOTEL FOR DOGS
Address:	141 W AVENUE 34
City,State,Zip:	LOS ANGELES, CA 90031
Year:	2008
GEPAID:	CAC002631273
Contact:	KEVIN HOLCOLMB
Telephone:	8187330018
Mailing Name:	Not reported
Mailing Address:	100 UNIVERSAL CITY PLZ BLDG 413
Mailing City,St,Zip:	UNIVERSAL CITY, CA 916081002
Gen County:	Los Angeles
TSD EPA ID:	CAD008252405
TSD County:	Los Angeles
Tons:	0.085
CA Waste Code:	343-Unspecified organic liquid mixture
Method:	H061-Fuel Blending Prior To Energy Recovery At Another Site
Facility County:	Los Angeles

Name:	DREAMWORKS PRODUCTION LLC/HOTEL FOR DOGS
Address:	141 W AVENUE 34
City,State,Zip:	LOS ANGELES, CA 90031
Year:	2008
GEPAID:	CAC002631273
Contact:	KEVIN HOLCOLMB
Telephone:	8187330018
Mailing Name:	Not reported
Mailing Address:	100 UNIVERSAL CITY PLZ BLDG 413
Mailing City,St,Zip:	UNIVERSAL CITY, CA 916081002
Gen County:	Los Angeles
TSD EPA ID:	CAD008252405
TSD County:	Los Angeles
Tons:	0.22935
CA Waste Code:	133-Aqueous solution with total organic residues 10 percent or more

DREAMWORKS PRODUCTION LLC/HOTEL FOR DOGS (Continued) **S112970806**

Method: H061-Fuel Blending Prior To Energy Recovery At Another Site
Facility County: Los Angeles

A37 **FOX GONE GIRL** **HAZNET** **S118203371**
Target **3433 PASADENA AVE** **N/A**
Property **LOS ANGELES, CA 90031**

Site 37 of 37 in cluster A

Actual:
372 ft.

HAZNET:

Name: FOX GONE GIRL
Address: 3433 PASADENA AVE
City,State,Zip: LOS ANGELES, CA 900311929
Year: 2014
GEPAID: CAC002762588
Contact: GARY ASTEL
Telephone: 6262331194
Mailing Name: Not reported
Mailing Address: 3433 PASADENA AVE
Mailing City,St,Zip: LOS ANGELES, CA 900311929
Gen County: Los Angeles
TSD EPA ID: NED981723513
TSD County: 99
Tons: 0.1625
CA Waste Code: 223-Unspecified oil-containing waste
Method: H040-Incineration--Thermal Destruction Other Than Use As A Fuel
Facility County: Los Angeles

Name: FOX GONE GIRL
Address: 3433 PASADENA AVE
City,State,Zip: LOS ANGELES, CA 900311929
Year: 2014
GEPAID: CAC002762588
Contact: GARY ASTEL
Telephone: 6262331194
Mailing Name: Not reported
Mailing Address: 3433 PASADENA AVE
Mailing City,St,Zip: LOS ANGELES, CA 900311929
Gen County: Los Angeles
TSD EPA ID: CAD044429835
TSD County: Los Angeles
Tons: 0.4875
CA Waste Code: 291-Latex waste
Method: H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Los Angeles

38 **AMERICAN CASTER CORP** **HAZMAT** **S123542642**
157 W AVENUE 34 **N/A**
< 1/8 **LOS ANGELES, CA 90031**
1 ft.

LOS ANGELES HM:
Relative: Facility ID: FA0004412
Lower Last Run Date: 01/01/2019
Actual: Status: ACTIVE
365 ft.

---

39 **UST** **U004302165**
ENE **3445 PASADENA AVE** **N/A**
< 1/8 **LOS ANGELES, CA**
0.003 mi.
14 ft.

Relative: LOS ANGELES UST:
Higher Facility ID: Not reported
Actual: Last Run Date: 01/01/1900
379 ft. Status: HISTORICAL

---

40 **UST** **U004302105**
SE **3360 PASADENA AVE** **N/A**
< 1/8 **LOS ANGELES, CA**
0.010 mi.
52 ft.

Relative: LOS ANGELES UST:
Higher Facility ID: Not reported
Actual: Last Run Date: 01/01/1900
379 ft. Status: HISTORICAL

B41 **WELCH'S UNIFORM RENTAL** **UST** **U004305364**
NNE **3505 N PASADENA AVE** **N/A**
< 1/8 **LOS ANGELES, CA 90031**
0.027 mi.
142 ft. **Site 1 of 7 in cluster B**

Relative: LOS ANGELES UST:
Lower Facility ID: FA0000909
Actual: Last Run Date: 01/01/2019
369 ft. Status: INACTIVE

B42
NNE
< 1/8
0.027 mi.
142 ft.

Relative:
Lower

Actual:
369 ft.

FORMER WELCH'S UNIFORM FACILITY
3505 PASADENA AVENUE
LOS ANGELES, CA 90031

Site 2 of 7 in cluster B

Database(s):
RCRA-LQG
ENVIROSTOR
LUST
CPS-SLIC
VCP
SWEEPS UST
HIST UST
CA FID UST
FINDS
ECHO
EMI
HIST CORTESE
CERS

EDR ID Number: 1000169742
EPA ID Number: CAD075309740

RCRA-LQG:

Date form received by agency:	05/22/2006
Facility name:	FORMER WELCHS UNIFORM SITE
Facility address:	3505 PASADENA AVENUE LOS ANGELES, CA 90031
EPA ID:	CAD075309740
Mailing address:	10801 WAYZATA BLVD MINNETONKA, MN 55305
Contact:	JOSEPH E PETER
Contact address:	10801 WAYZATA BLVD MINNETONKA, MN 55305
Contact country:	US
Contact telephone:	952-738-6661
Contact email:	JOE.PETER@AMERIPRIDE.ORG
EPA Region:	09
Classification:	Large Quantity Generator
Description:	Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name:	AMERIPRIDE SERVICES INC
Owner/operator address:	Not reported Not reported
Owner/operator country:	US
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	03/31/1989
Owner/Op end date:	Not reported
Owner/operator name:	AMERIPRIDE SERVICES INC
Owner/operator address:	10801 WAYZATA BLVD

FORMER WELCH'S UNIFORM FACILITY (Continued) **1000169742**

MINNETONKA, MN 55305
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 03/31/1989
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 08/22/1980
Site name: WELCH'S OVERALL CLEANING CO INC
Classification: Not a generator, verified

Hazardous Waste Summary:

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

ENVIROSTOR:
Name: FORMER WELCH'S UNIFORM FACILITY
Address: 3505 PASADENA AVENUE
City,State,Zip: LOS ANGELES, CA 90031
Facility ID: 60000636
Status: Active
Status Date: 05/25/2007
Site Code: 301314

FORMER WELCH'S UNIFORM FACILITY (Continued) **1000169742**

Site Type: Voluntary Cleanup
Site Type Detailed: Voluntary Cleanup
Acres: 2.6
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Lori Parnass
Supervisor: Juli Propes
Division Branch: Cleanup Chatsworth
Assembly: 51
Senate: 24
Special Program: Voluntary Cleanup Program
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 34.08559
Longitude: -118.2138
APN: 5205004010
Past Use: LAUNDRY SERVICES
Potential COC: Trichloroethylene (TCE
Confirmed COC: Trichloroethylene (TCE
Potential Description: OTH, SOIL, SV
Alias Name: 5205004010
Alias Type: APN
Alias Name: 110002657848
Alias Type: EPA (FRS #)
Alias Name: SL2044P1598
Alias Type: GeoTracker Global ID
Alias Name: T0603700785
Alias Type: GeoTracker Global ID
Alias Name: 301314
Alias Type: Project Code (Site Code)
Alias Name: 60000636
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 04/27/2012
Comments: Per letter from the Native American Heritage Commssion, dated 4/24/2012.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 06/08/2012
Comments: NOE document was filed and posted at the OPR (State Clearing House on 6/19/2012

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 09/02/2010
Comments: Completion of this report is tied up with the Additional Site Characterization and Baseline Health Risk Assessment Report (ASC-BHRA).

FORMER WELCH'S UNIFORM FACILITY (Continued) **1000169742**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/27/2007
Comments: Second Quarter Groundwater Sampling Results dated October 18, 2007 requires no revision.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/27/2007
Comments: No revision is needed to the Third Quarter Groundwater Sampling Results dated October 24, 2007

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 06/18/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/17/2008
Comments: DTSC determines the Semi-Annual 2008 Groundwater Monitoring and Sampling Report dated May 14, 2008 is adequate, and does not require revision.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/30/2009
Comments: DTSC does not require revivision of the report dated 2/10/2009.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 09/02/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Plan
Completed Date: 01/27/2011
Comments: The report dated August 6, 2010 requires no revision, hence final.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/27/2011
Comments: The report dated October 28, 2010 requires no revision, hence final.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/16/2011
Comments: DTSC determines the document dated June 2011 does not require

FORMER WELCH'S UNIFORM FACILITY (Continued) **1000169742**

revision. DTSC's geologist comments and issues will be addressed in succeeding reports.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/10/2012
Comments: DTSC determines that The Second Semi-Annual 2011 Groundwater and Soil Vapor Monitoring Report, dated November 2011 does not require revision.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 10/18/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 06/26/2012
Comments: Community Profile Report finalized and signed by PPS.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 09/06/2012
Comments: Public comment period between 9/6/2012 and 10/7/2012.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/15/2012
Comments: DTSC's geologist comments on the report, dated 7/9/2012 requires no revision.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/13/2013
Comments: continued monitoring on a semi annual schedule is required

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/23/2014
Comments: done

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedy Constructed: Operating Properly & Successfully
Completed Date: 05/11/2015
Comments: successful

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report

FORMER WELCH'S UNIFORM FACILITY (Continued) **1000169742**

Completed Date: 04/16/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 02/08/2015
Comments: done

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 11/14/2015
Comments: done

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/23/2016
Comments: done

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 07/29/2016
Comments: accepted

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/30/2016
Comments: done

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/30/2017
Comments: done

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Well Decommissioning Report
Completed Date: 05/25/2017
Comments: done

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 10/31/2013
Comments: continue monitoring

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 06/22/2018
Comments: concurrence

FORMER WELCH'S UNIFORM FACILITY (Continued) **1000169742**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/18/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 06/13/2007
Comments: The Voluntary Cleanup Agreement (Docket No. HSA-VCA 06/07-204) was signed by Sayareh Amir, Branch Chief, Southern California Cleanup Operations Branch - Glendale Office on 6/13/2007.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Consultation
Completed Date: 06/20/2007
Comments: The scoping meeting on 6/20/07 was attended by RP's environmental consultant: Jeffrey Otter, William Glenn, and Joseph Peter; and DTSC: Sayareh Amir - Branch Chief, Juli Oborne - Unit Chief, John Naginis - geologist, Cy Jeng - toxicologist, Yvette LaDuke - public participation specialist, Gerry Pollock - Senior Toxicologist, and Alberto Valmidiano - Project Manager.

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Removal Action Completion Report
Future Due Date: 2023
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Operations and Maintenance Plan
Future Due Date: 2025
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Operations and Maintenance Report
Future Due Date: 2026
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Certification
Future Due Date: 2026
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: 900310034
Status: Post remedial action monitoring
Substance: Hydrocarbons
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Groundwater

FORMER WELCH'S UNIFORM FACILITY (Continued) **1000169742**

Abatement Method Used at the Site:		Remove Free Product
Global ID:	T0603700785	
W Global ID:	Not reported	
Staff:	SLC	
Local Agency:	19050	
Cross Street:	PASADENA FREEWAY	
Enforcement Type:	Not reported	
Date Leak Discovered:	Not reported	
Date Leak First Reported:		12/22/1987
Date Leak Record Entered:	3/7/1988	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		8/1/1998
Date the Case was Closed:		Not reported
How Leak Discovered:	Subsurface Monitoring	
How Leak Stopped:	Not reported	
Cause of Leak:	Not reported	
Leak Source:	Not reported	
Operator:	Not reported	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		7971.810954967612009262194731
Source of Cleanup Funding:		Not reported
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		Not reported
Pollution Characterization Began:		7/12/1988
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		6/1/1990
Post Remedial Action Monitoring Began:		8/1/1998
Enforcement Action Date:		Not reported
Historical Max MTBE Date:		Not reported
Hist Max MTBE Conc in Groundwater:		Not reported
Hist Max MTBE Conc in Soil:		Not reported
Significant Interim Remedial Action Taken:		Yes
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	AMERIPRIDE SERVICE INC.	
RP Address:	47 S. NINTH ST., MINNEAPOLIS, MN 55402	
Program:	SLIC	
Lat/Long:	34.0858522 / -1	
Local Agency Staff:	PEJ	
Beneficial Use:	Not reported	
Priority:	LOP/HIGH - ADMINISTRATIVE (CLOSURE/SB2004/ENFORCEMENT)	
Cleanup Fund Id:	Not reported	
Suspended:	Not reported	
Assigned Name:	Not reported	
Summary:	8/13/98 - SUBMITTAL OF QTR GW SAMPL. RPT & SOIL REMEDIATION	

CPS-SLIC:

Site Name:	WELCH'S UNIFORM RENTAL(FORMER)
Region:	STATE
Facility Status:	**Open - Inactive**
Status Date:	01/28/2015
Global Id:	T0603700785
Lead Agency:	DEPARTMENT OF TOXIC SUBSTANCES CONTROL

FORMER WELCH'S UNIFORM FACILITY (Continued) **1000169742**

Lead Agency Case Number:	60000636
Latitude:	34.0858522
Longitude:	-118.2131913
Case Type:	Cleanup Program Site
Case Worker:	Not reported
Local Agency:	LOS ANGELES, CITY OF
RB Case Number:	Not reported
File Location:	DTSC
Potential Media Affected:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Other Solvent or Non-Petroleum Hydrocarbon
Site History:	Case transferred to DTSC on 12/18/06.

Click here to access the California GeoTracker records for this facility:

Site Name:	WELCHS UNIFORM RENTAL SITE (FORMER)
Region:	STATE
Facility Status:	**Open - Inactive**
Status Date:	12/08/2006
Global Id:	SL2044P1598
Lead Agency:	DEPARTMENT OF TOXIC SUBSTANCES CONTROL
Lead Agency Case Number:	60000636
Latitude:	34.085949
Longitude:	-118.212176
Case Type:	Cleanup Program Site
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	Not reported
File Location:	DTSC
Potential Media Affected:	Not reported
Potential Contaminants of Concern:	Not reported
Site History:	Case transferred to DTSC on 12/18/06.

Click here to access the California GeoTracker records for this facility:

VCP:

Facility ID:	60000636
Site Type:	Voluntary Cleanup
Site Type Detail:	Voluntary Cleanup
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	2.6
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Lori Parnass
Supervisor:	Juli Propes
Division Branch:	Cleanup Chatsworth
Site Code:	301314
Assembly:	51
Senate:	24
Special Programs Code:	Voluntary Cleanup Program
Status:	Active
Status Date:	05/25/2007
Restricted Use:	NO
Funding:	Responsible Party
Lat/Long:	34.08559 / -118.2138
APN:	5205004010

FORMER WELCH'S UNIFORM FACILITY (Continued) **1000169742**

Past Use:	LAUNDRY SERVICES
Potential COC:	30027
Confirmed COC:	30027
Potential Description:	OTH, SOIL, SV
Alias Name:	5205004010
Alias Type:	APN
Alias Name:	110002657848
Alias Type:	EPA (FRS #)
Alias Name:	SL2044P1598
Alias Type:	GeoTracker Global ID
Alias Name:	T0603700785
Alias Type:	GeoTracker Global ID
Alias Name:	301314
Alias Type:	Project Code (Site Code)
Alias Name:	60000636
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	CEQA - Notice of Exemption
Completed Date:	04/27/2012
Comments:	Per letter from the Native American Heritage Commssion, dated 4/24/2012.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	CEQA - Notice of Exemption
Completed Date:	06/08/2012
Comments:	NOE document was filed and posted at the OPR (State Clearing House on 6/19/2012
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Characterization Report
Completed Date:	09/02/2010
Comments:	Completion of this report is tied up with the Additional Site Characterization and Baseline Health Risk Assessment Report (ASC-BHRA).
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Monitoring Report
Completed Date:	12/27/2007
Comments:	Second Quarter Groundwater Sampling Results dated October 18, 2007 requires no revision.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Monitoring Report
Completed Date:	12/27/2007
Comments:	No revision is needed to the Third Quarter Groundwater Sampling Results dated October 24, 2007
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Characterization Workplan
Completed Date:	06/18/2008

FORMER WELCH'S UNIFORM FACILITY (Continued) **1000169742**

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/17/2008
Comments: DTSC determines the Semi-Annual 2008 Groundwater Monitoring and Sampling Report dated May 14, 2008 is adequate, and does not require revision.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/30/2009
Comments: DTSC does not require revivision of the report dated 2/10/2009.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 09/02/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Plan
Completed Date: 01/27/2011
Comments: The report dated August 6, 2010 requires no revision, hence final.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/27/2011
Comments: The report dated October 28, 2010 requires no revision, hence final.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/16/2011
Comments: DTSC determines the document dated June 2011 does not require revision. DTSC's geologist comments and issues will be addressed in succeeding reports.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/10/2012
Comments: DTSC determines that The Second Semi-Annual 2011 Groundwater and Soil Vapor Monitoring Report, dated November 2011 does not require revision.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 10/18/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE

FORMER WELCH'S UNIFORM FACILITY (Continued) **1000169742**

Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 06/26/2012
Comments: Community Profile Report finalized and signed by PPS.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 09/06/2012
Comments: Public comment period between 9/6/2012 and 10/7/2012.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/15/2012
Comments: DTSC's geologist comments on the report, dated 7/9/2012 requires no revision.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/13/2013
Comments: continued monitoring on a semi annual schedule is required

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/23/2014
Comments: done

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedy Constructed: Operating Properly & Successfully
Completed Date: 05/11/2015
Comments: successful

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/16/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 02/08/2015
Comments: done

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 11/14/2015
Comments: done

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report

FORMER WELCH'S UNIFORM FACILITY (Continued) **1000169742**

Completed Date: 07/23/2016
Comments: done

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 07/29/2016
Comments: accepted

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/30/2016
Comments: done

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/30/2017
Comments: done

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Well Decommissioning Report
Completed Date: 05/25/2017
Comments: done

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 10/31/2013
Comments: continue monitoring

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 06/22/2018
Comments: concurrence

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/18/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 06/13/2007
Comments: The Voluntary Cleanup Agreement (Docket No. HSA-VCA 06/07-204) was signed by Sayareh Amir, Branch Chief, Southern California Cleanup Operations Branch - Glendale Office on 6/13/2007.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Consultation
Completed Date: 06/20/2007

FORMER WELCH'S UNIFORM FACILITY (Continued) **1000169742**

Comments: The scoping meeting on 6/20/07 was attended by RP's environmental consultant: Jeffrey Otter, William Glenn, and Joseph Peter; and DTSC: Sayareh Amir - Branch Chief, Juli Oborne - Unit Chief, John Naginis - geologist, Cy Jeng - toxicologist, Yvette LaDuke - public participation specialist, Gerry Pollock - Senior Toxicologist, and Alberto Valmidiano - Project Manager.

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Removal Action Completion Report
Future Due Date: 2023
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Operations and Maintenance Plan
Future Due Date: 2025
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Operations and Maintenance Report
Future Due Date: 2026
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Certification
Future Due Date: 2026
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

SWEEPS UST:
Status: Not reported
Comp Number: 939
Number: Not reported
Board Of Equalization: 44-011491
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-000939-000001
Tank Status: Not reported
Capacity: 2000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: DIESEL
Number Of Tanks: 10

Status: Not reported
Comp Number: 939
Number: Not reported
Board Of Equalization: 44-011491
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-000939-000002
Tank Status: Not reported

FORMER WELCH'S UNIFORM FACILITY (Continued) **1000169742**

Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 939
Number: Not reported
Board Of Equalization: 44-011491
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-000939-000003
Tank Status: Not reported
Capacity: 6000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: DIESEL
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 939
Number: Not reported
Board Of Equalization: 44-011491
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-000939-000004
Tank Status: Not reported
Capacity: 1000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: DIESEL
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 939
Number: Not reported
Board Of Equalization: 44-011491
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-000939-000005
Tank Status: Not reported
Capacity: 1700
Active Date: Not reported
Tank Use: OIL
STG: WASTE
Content: WASTE OIL
Number Of Tanks: Not reported

FORMER WELCH'S UNIFORM FACILITY (Continued) **1000169742**

Status:	Not reported
Comp Number:	939
Number:	Not reported
Board Of Equalization:	44-011491
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-050-000939-000006
Tank Status:	Not reported
Capacity:	3200
Active Date:	Not reported
Tank Use:	OIL
STG:	WASTE
Content:	WASTE OIL
Number Of Tanks:	Not reported

Status:	Not reported
Comp Number:	939
Number:	Not reported
Board Of Equalization:	44-011491
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-050-000939-000007
Tank Status:	Not reported
Capacity:	3590
Active Date:	Not reported
Tank Use:	CHEMICAL
STG:	PRODUCT
Content:	UNKNOWN
Number Of Tanks:	Not reported

Status:	Not reported
Comp Number:	939
Number:	Not reported
Board Of Equalization:	44-011491
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-050-000939-000008
Tank Status:	Not reported
Capacity:	1800
Active Date:	Not reported
Tank Use:	CHEMICAL
STG:	PRODUCT
Content:	UNKNOWN
Number Of Tanks:	Not reported

Status:	Not reported
Comp Number:	939
Number:	Not reported
Board Of Equalization:	44-011491
Referral Date:	Not reported
Action Date:	Not reported

FORMER WELCH'S UNIFORM FACILITY (Continued) **1000169742**

Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-000939-000009
Tank Status: Not reported
Capacity: 800
Active Date: Not reported
Tank Use: OIL
STG: WASTE
Content: WASTE OIL
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 939
Number: Not reported
Board Of Equalization: 44-011491
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-000939-000010
Tank Status: Not reported
Capacity: 7200
Active Date: Not reported
Tank Use: CHEMICAL
STG: PRODUCT
Content: UNKNOWN
Number Of Tanks: Not reported

HIST UST:
File Number: 000286CB
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000286CB.pdf
Region: STATE
Facility ID: 00000008008
Facility Type: Other
Other Type: Not reported
Contact Name: JACK ENGLISH
Telephone: 2132256171
Owner Name: WELCH'S OVERALL CLEANING CO.,
Owner Address: 3505 PASADENA AVE.
Owner City,St,Zip: LOS ANGELES, CA 90031
Total Tanks: 0010

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00002000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 002
Container Num: 2
Year Installed: Not reported
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: REGULAR

FORMER WELCH'S UNIFORM FACILITY (Continued) **1000169742**

Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 003
Container Num: 3
Year Installed: Not reported
Tank Capacity: 00006000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 004
Container Num: 4
Year Installed: Not reported
Tank Capacity: 00001000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 005
Container Num: 5
Year Installed: Not reported
Tank Capacity: 00001700
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: 6
Leak Detection: Visual

Tank Num: 006
Container Num: 6
Year Installed: Not reported
Tank Capacity: 00003200
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: 6
Leak Detection: Visual

Tank Num: 007
Container Num: 7
Year Installed: Not reported
Tank Capacity: 00003590
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 6
Leak Detection: Visual

Tank Num: 008
Container Num: 8
Year Installed: Not reported
Tank Capacity: 00001800
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 6
Leak Detection: None

FORMER WELCH'S UNIFORM FACILITY (Continued) **1000169742**

Tank Num:	009
Container Num:	9
Year Installed:	Not reported
Tank Capacity:	00000800
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	6
Leak Detection:	Visual

Tank Num:	010
Container Num:	10
Year Installed:	Not reported
Tank Capacity:	00007200
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	6
Leak Detection:	Visual

Click here for Geo Tracker PDF:

CA FID UST:

Facility ID:	19001529
Regulated By:	UTNKI
Regulated ID:	00008008
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2132256171
Mail To:	Not reported
Mailing Address:	3505 PASADENA AVE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	LOS ANGELES 900310000
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Inactive

FINDS:

Registry ID: 110002657848

Environmental Interest/Information System

California Department of Toxic Substances Control EnviroStor System (DTSC-EnviroStor) is an online search and Geographic Information System (GIS) tool for identifying sites that have known contamination or sites for which there may be reasons to investigate further. The EnviroStor database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport,

FORMER WELCH'S UNIFORM FACILITY (Continued) **1000169742**

and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000169742
Registry ID:	110002657848
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002657848

EMI:

Year:	2014
County Code:	19
Air Basin:	SC
Facility ID:	173145
Air District Name:	SC
SIC Code:	7213
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.00011451474377
Reactive Organic Gases Tons/Yr:	8e-005
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

HIST CORTESE:

edr_fname:	WELCH'S UNIFORM RENTAL(FO
edr_fadd1:	3505 PASADENA
City,State,Zip:	LOS ANGELES, CA 90031
Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	900310034

CERS TANKS:

Site ID:	514549
CERS ID:	110070060387
Site Name:	AMERIPRIDE SERVICES INC
CERS Description:	US EPA Air Emission Inventory System (EIS)
Site ID:	242438
CERS ID:	T0603700785
Site Name:	WELCH'S UNIFORM RENTAL(FORMER)
CERS Description:	Cleanup Program Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	ELOY LUNA - LOS ANGELES, CITY OF
Entity Title:	Not reported
Affiliation Address:	200 North Main Street, Suite 1780

FORMER WELCH'S UNIFORM FACILITY (Continued) **1000169742**

Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Site ID:	190608
CERS ID:	SL2044P1598
Site Name:	WELCHS UNIFORM RENTAL SITE (FORMER)
CERS Description:	Cleanup Program Site

B43 **WELCH OVERALL CLEANING CO** **DRYCLEANERS** **S121697036**
NNE **3505 PASADENA AVE** **N/A**
< 1/8 **LOS ANGELES, CA 90031**
0.027 mi.
142 ft. **Site 3 of 7 in cluster B**

Relative: **Lower**

Actual: **369 ft.**

DRYCLEAN SOUTH COAST:

Facility ID:	2324
Application Number:	A53114
Permit Number:	P37579
Status:	O
Representative Name:	UNKNOWN UNKNOWN
Representative Telephone:	213 2156171
Permit Status:	INACTIVE
BCAT Number:	000234
BCAT Description:	DRY CLEANING EQUIP PERCHLOROETHYLENE
CCAT Number:	02
CCAT Description:	ADSORBER (DRY CLEANING) REGENERATIVE
UTM East:	388.20001221
UTM North:	3772.1000977

Facility ID:	2324
Application Number:	A61766
Permit Number:	P44209
Status:	O
Representative Name:	UNKNOWN UNKNOWN
Representative Telephone:	213 2156171
Permit Status:	INACTIVE
BCAT Number:	000234
BCAT Description:	DRY CLEANING EQUIP PERCHLOROETHYLENE
CCAT Number:	02
CCAT Description:	ADSORBER (DRY CLEANING) REGENERATIVE
UTM East:	388.20001221
UTM North:	3772.1000977

B44 **WELCH'S UNIFORM RENTAL** **HAZMAT** **S123541611**
NNE **3505 N PASADENA AVE** **N/A**
< 1/8 **LOS ANGELES, CA 90031**
0.027 mi.
142 ft. **Site 4 of 7 in cluster B**

Relative: LOS ANGELES HM:
Lower Facility ID: FA0000909
Actual: Last Run Date: 01/01/2019
369 ft. Status: ACTIVE

B45 **WELCHS OVERALL LAUNDRY** **EDR Hist Cleaner** **1009186851**
NNE **3505 PASADENA AVENUE TER** **N/A**
< 1/8 **LOS ANGELES, CA**
0.027 mi.
142 ft. **Site 5 of 7 in cluster B**

Relative: EDR Hist Cleaner
Lower

Actual:
369 ft.

Year:	Name:	Type:
1924	WELCHS OVERALL LAUNDRY	LAUNDRIES
1987	WELCHS OVERALL CLEANING CO	Linen Supply

B46 **UST** **U004302191**
NNE **3505 PASADENA AVE** **N/A**
< 1/8 **LOS ANGELES, CA**
0.027 mi.
142 ft. **Site 6 of 7 in cluster B**

Relative: LOS ANGELES UST:
Lower Facility ID: Not reported
Actual: Last Run Date: 01/01/1900
369 ft. Status: HISTORICAL

B47 **WELCH UNIFORM** **CPS-SLIC** **S105119569**
NNE **3505 PASADENA** **N/A**
< 1/8 **LOS ANGELES, CA 90031**
0.027 mi.
142 ft. **Site 7 of 7 in cluster B**

Relative: SLIC REG 4:
Lower Region: 4
Actual: Facility Status: Site Assessment
369 ft. SLIC: 0833
Substance: VOCs
Staff: DY

C48 **CALIFORNIA DEPARTMENT OF FOOD & AGRICULTURE** **RCRA NonGen / NLR** **1024860308**
West **403 W AVE 33** **CAL000428560**
< 1/8 **LINCOLN HEIGHTS, CA 90031**
0.040 mi.
213 ft. **Site 1 of 5 in cluster C**

Relative:
Lower

Actual:
350 ft.

RCRA NonGen / NLR:

Date form received by agency:	06/19/2017
Facility name:	CALIFORNIA DEPARTMENT OF FOOD & AGRICULTURE
Facility address:	403 W AVE 33 LINCOLN HEIGHTS, CA 90031
EPA ID:	CAL000428560
Contact:	CELESTINA GALINDO
Contact address:	403 W AVE 33 LINCOLN HEIGHTS, CA 90031
Contact country:	Not reported
Contact telephone:	818-652-3762
Contact email:	TINAGALINDO@CDFA.CA.GOV
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	CALIFORNIA DEPT OF FOOD & AGRI
Owner/operator address:	2800 GATEWAY OAKS DRIVE 2ND FLOOR SACRAMENTO, CA 95833
Owner/operator country:	Not reported
Owner/operator telephone:	916-654-0466
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	CELESTINA GALINDO
Owner/operator address:	403 W AVE 33 LINCOLN HEIGHTS, CA 90031
Owner/operator country:	Not reported
Owner/operator telephone:	818-652-3762
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	Yes
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No

CALIFORNIA DEPARTMENT OF FOOD & AGRICULTURE (Continued) **1024860308**

Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Violation Status: No violations found

C49 **SOUTHERN CALIFORNIA GAS CO LINE 765 BRIDGE RECEIVE** **RCRA-LQG** **1016674907**
West **403 W AVENUE 33** **FINDS** **CAR000245134**
< 1/8 **LOS ANGELES, CA 90031** **ECHO**
0.040 mi.
213 ft. **Site 2 of 5 in cluster C**

Relative:
Lower

Actual:
350 ft.

RCRA-LQG:

Date form received by agency:	04/10/2014
Facility name:	SOUTHERN CALIFORNIA GAS CO LINE 765 BRIDGE RECEIVER
Facility address:	403 W AVENUE 33 LOS ANGELES, CA 90031
EPA ID:	CAR000245134
Mailing address:	8101 S ROSEMEAD BLVD ATTN NANCY LEE SC721A PICO RIVERA, CA 90660
Contact:	NANCY B LEE
Contact address:	8101 S ROSEMEAD BLVD ATTN NANCY LEE SC721A PICO RIVERA, CA 90660
Contact country:	US
Contact telephone:	562-806-4419
Contact email:	NLEE2@SEMPRAUTILITIES.COM
EPA Region:	09
Classification:	Large Quantity Generator
Description:	Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name:	SOUTHERN CALIFORNIA GAS CO
Owner/operator address:	Not reported Not reported
Owner/operator country:	US
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	10/24/1959

SOUTHERN CALIFORNIA GAS CO LINE 765 BRIDGE RECEIVER (Continued) **1016674907**

Owner/Op end date: Not reported

Owner/operator name: MERGER ARTHUR AND DOLORES MERGER FAMILY
Owner/operator address: 403 W AVENUE 33
LOS ANGELES, CA 90031
Owner/operator country: US
Owner/operator telephone: 323-864-8092
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 06/23/1997
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Hazardous Waste Summary:

. Waste code: 122
. Waste name: Alkaline solution without metals (pH > 12.5)

. Waste code: 133
. Waste name: Aqueous solution with 10% or more total organic residues

. Waste code: 134
. Waste name: Aqueous solution with <10% total organic residues

. Waste code: 151
. Waste name: Asbestos-containing waste

. Waste code: 181
. Waste name: Other inorganic solid waste

. Waste code: 213
. Waste name: Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)

. Waste code: 221
. Waste name: Waste oil and mixed oil

. Waste code: 223

SOUTHERN CALIFORNIA GAS CO LINE 765 BRIDGE RECEIVER (Continued) **1016674907**

. Waste name: Unspecified oil-containing waste

. Waste code: 261
. Waste name: Polychlorinated biphenyls and material containing PCB's

. Waste code: 331
. Waste name: Off-specification, aged, or surplus organics

. Waste code: 343
. Waste name: Unspecified organic liquid mixture

. Waste code: 352
. Waste name: Other organic solids

. Waste code: 611
. Waste name: Contaminated soil from site clean-ups

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D005
. Waste name: BARIUM

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

. Waste code: D018
. Waste name: BENZENE

Violation Status: No violations found

FINDS:

Registry ID: 110059663911

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA

SOUTHERN CALIFORNIA GAS CO LINE 765 BRIDGE RECEIVER (Continued) **1016674907**

program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1016674907
Registry ID: 110059663911
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110059663911

C50 **CALIF DEPT OF FOOD & AGRICULTURE** **HAZMAT** **S123552220**
West **403 W AVENUE 33** **N/A**
< 1/8 **LOS ANGELES, CA 90031**
0.040 mi.
213 ft. **Site 3 of 5 in cluster C**

Relative:
Lower

Actual:
350 ft.

LOS ANGELES HM:
Facility ID: FA0037633
Last Run Date: 01/01/2019
Status: ACTIVE

C51 **CALIFORNIA DEPARTMENT OF FOOD & AGRICULTURE** **CERS HAZ WASTE** **S123520672**
West **403 W AVENUE 33** **CERS** **N/A**
< 1/8 **LOS ANGELES, CA 90031**
0.040 mi.
213 ft. **Site 4 of 5 in cluster C**

Relative:
Lower

Actual:
350 ft.

CERS HAZ WASTE:
Site ID: 433945
CERS ID: 10756561
CERS Description: Hazardous Waste Generator

Violations:
Site ID: 433945
Site Name: California Department of Food & Agriculture
Violation Date: 10-18-2017
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 10/09/2018. OBSERVATION: [DESCRIBE CONTAINER] of [HAZARDOUS WASTE] located in the [LOCATION] was observed without the following information on the label: [LIST MISSING INFORMATION]. CORRECTIVE ACTION: Submit photos to the CUPA demonstrating that the container listed above has been properly labeled.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

CALIFORNIA DEPARTMENT OF FOOD & AGRICULTURE (Continued) **S123520672**

Evaluation:

Eval General Type:	Other/Unknown
Eval Date:	10-09-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	violation corrected
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-18-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	YESICA TORRES, SUPERVISOR
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS

Coordinates:

Site ID:	433945
Facility Name:	California Department of Food & Agriculture
Env Int Type Code:	HMBP
Program ID:	10756561
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.
Latitude:	34.084860
Longitude:	-118.216380

Affiliation:

Affiliation Type Desc:	CUPA District
Entity Name:	Los Angeles City Fire Department
Entity Title:	Not reported
Affiliation Address:	200 North Main Street, Room 1780
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90012
Affiliation Phone:	(213) 978-3680

Affiliation Type Desc:	Document Preparer
Entity Name:	Bibiana Martinez
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Environmental Contact
Entity Name:	Celestina Galindo
Entity Title:	Not reported
Affiliation Address:	403 West Avenue 33
Affiliation City:	Los Angeles
Affiliation State:	CA

CALIFORNIA DEPARTMENT OF FOOD & AGRICULTURE (Continued) **S123520672**

Affiliation Country:	Not reported
Affiliation Zip:	90031
Affiliation Phone:	Not reported
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	403 West Avenue 33
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90031
Affiliation Phone:	Not reported
Affiliation Type Desc:	Parent Corporation
Entity Name:	STATE OF CALIF - DEPT OF FOOD & AGR
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Property Owner
Entity Name:	Jennifer Mercer
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	United States
Affiliation Zip:	Not reported
Affiliation Phone:	(323) 864-8092
Affiliation Type Desc:	Legal Owner
Entity Name:	State Of California-Department Of Food and Agriculture
Entity Title:	Not reported
Affiliation Address:	403 West Avenue 33
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90031
Affiliation Phone:	(818) 901-0719
Affiliation Type Desc:	Operator
Entity Name:	Celestina Galindo
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(818) 901-0719
Affiliation Type Desc:	Identification Signer
Entity Name:	Bibiana Martinez
Entity Title:	Agricultural Technician II PI

CALIFORNIA DEPARTMENT OF FOOD & AGRICULTURE (Continued) **S123520672**

Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

CERS TANKS:
Site ID: 433945
CERS ID: 10756561
Site Name: CALIFORNIA DEPARTMENT OF FOOD & AGRICULTURE
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 433945
Site Name: California Department of Food & Agriculture
Violation Date: 10-18-2017
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 10/09/2018. OBSERVATION: [DESCRIBE CONTAINER] of [HAZARDOUS WASTE] located in the [LOCATION] was observed without the following information on the label: [LIST MISSING INFORMATION]. CORRECTIVE ACTION: Submit photos to the CUPA demonstrating that the container listed above has been properly labeled.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 10-09-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: violation corrected
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-18-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: YESICA TORRES, SUPERVISOR
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Coordinates:
Site ID: 433945

CALIFORNIA DEPARTMENT OF FOOD & AGRICULTURE (Continued) **S123520672**

Facility Name: California Department of Food & Agriculture
Env Int Type Code: HMBP
Program ID: 10756561
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 34.084860
Longitude: -118.216380

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Los Angeles City Fire Department
Entity Title: Not reported
Affiliation Address: 200 North Main Street, Room 1780
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90012
Affiliation Phone: (213) 978-3680

Affiliation Type Desc: Document Preparer
Entity Name: Bibiana Martinez
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: Celestina Galindo
Entity Title: Not reported
Affiliation Address: 403 West Avenue 33
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90031
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 403 West Avenue 33
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90031
Affiliation Phone: Not reported

Affiliation Type Desc: Parent Corporation
Entity Name: STATE OF CALIF - DEPT OF FOOD & AGR
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported

CALIFORNIA DEPARTMENT OF FOOD & AGRICULTURE (Continued) **S123520672**

Affiliation Phone:	Not reported
Affiliation Type Desc:	Property Owner
Entity Name:	Jennifer Mercer
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	United States
Affiliation Zip:	Not reported
Affiliation Phone:	(323) 864-8092
Affiliation Type Desc:	Legal Owner
Entity Name:	State Of California-Department Of Food and Agriculture
Entity Title:	Not reported
Affiliation Address:	403 West Avenue 33
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90031
Affiliation Phone:	(818) 901-0719
Affiliation Type Desc:	Operator
Entity Name:	Celestina Galindo
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(818) 901-0719
Affiliation Type Desc:	Identification Signer
Entity Name:	Bibiana Martinez
Entity Title:	Agricultural Technician II PI
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

C52 **CALIF DEPT OF FOOD & AGRICULTURE** **UST** **U004307965**
West **403 W AVENUE 33** **N/A**
< 1/8 **LOS ANGELES, CA 90031**
0.040 mi.
213 ft. **Site 5 of 5 in cluster C**

Relative: LOS ANGELES UST:
Lower

Facility ID:	FA0037633
Last Run Date:	01/01/2019
Status:	INACTIVE

Actual:
350 ft.

D53 **RUSSING ENGINEERING** **RCRA-SQG** **1000382346**
SSW **211 W AVE 33** **FINDS** **CAD981368152**
< 1/8 **LOS ANGELES, CA 90031** **ECHO**
0.047 mi.
246 ft. **Site 1 of 4 in cluster D**

Relative:
Lower

Actual:
360 ft.

RCRA-SQG:

Date form received by agency:	01/23/1986
Facility name:	RUSSING ENGINEERING
Facility address:	211 W AVE 33 LOS ANGELES, CA 90031
EPA ID:	CAD981368152
Contact:	ENVIRONMENTAL MANAGER
Contact address:	211 W AVE 33 LOS ANGELES, CA 90031
Contact country:	US
Contact telephone:	213-221-3370
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	NOT REQUIRED
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	415-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	CARLA RUSSING
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	415-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No

RUSSING ENGINEERING (Continued) **1000382346**

Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Violation Status: No violations found

FINDS:

Registry ID: 110002682428

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000382346
Registry ID:	110002682428
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002682428

D54 **RUSSING ENGINEERING, INC** **HAZMAT** **S123542641**
SSW **211 W AVENUE 33** **N/A**
< 1/8 **LOS ANGELES, CA 90031**
0.047 mi.
246 ft. **Site 2 of 4 in cluster D**

Relative: LOS ANGELES HM:
Lower

Facility ID:	FA0004411
Last Run Date:	01/01/2019
Status:	ACTIVE

Actual:
360 ft.

D55 **ADIN OF CALIFORNIA** **RCRA NonGen / NLR** **1024813084**
South **119 W AVENUE 33** **CAL000302446**
< 1/8 **LOS ANGELES, CA 90031**
0.047 mi.
248 ft. **Site 3 of 4 in cluster D**

Relative: RCRA NonGen / NLR:
Lower

Date form received by agency:	01/20/2006
Facility name:	ADIN OF CALIFORNIA
Facility address:	119 W AVENUE 33

Actual:
363 ft.

ADIN OF CALIFORNIA (Continued) **1024813084**

LOS ANGELES, CA 90031-1865
EPA ID: CAL000302446
Contact: ARA ASSILIAN
Contact address: 119 W AVENUE 33
LOS ANGELES, CA 90031-1865
Contact country: Not reported
Contact telephone: 323-227-8400
Contact email: ARA@ADINOFCALIFORNIA.COM
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: ARA H ASSILIAN
Owner/operator address: 119 W AVENUE 33
LOS ANGELES, CA 90031
Owner/operator country: Not reported
Owner/operator telephone: 323-227-8700
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: ARA ASSILIAN
Owner/operator address: 119 W AVENUE 33
LOS ANGELES, CA 90031
Owner/operator country: Not reported
Owner/operator telephone: 323-227-8400
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: Yes
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

ADIN OF CALIFORNIA (Continued) **1024813084**

Violation Status: No violations found

D56 **ADIN OF CALIFORNIA** **RCRA-SQG** **1010313933**
South **119 W AVE 33** **CAR000179895**
< 1/8 **LOS ANGELES, CA 90031**
0.047 mi.
248 ft. **Site 4 of 4 in cluster D**

Relative:
Lower

Actual:
363 ft.

RCRA-SQG:

Date form received by agency:	10/11/2006
Facility name:	ADIN OF CALIFORNIA
Facility address:	119 W AVE 33 LOS ANGELES, CA 90031
EPA ID:	CAR000179895
Contact:	ARA ASSILIAN
Contact address:	119 W AVE 33 LOS ANGELES, CA 90031
Contact country:	US
Contact telephone:	323-222-8400
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	ADIN OF CALIF
Owner/operator address:	Not reported Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	01/01/1990
Owner/Op end date:	Not reported

Owner/operator name:	ADIN OF CALIF
Owner/operator address:	Not reported Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/1990
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No

ADIN OF CALIFORNIA (Continued) **1010313933**

Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Hazardous Waste Summary:

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D018
. Waste name: BENZENE

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: D040
. Waste name: TRICHLORETHYLENE

Violation Status: No violations found

E57 **JS AUTOBODY** **RCRA-SQG** **1001459737**
WSW **315 W AVE 33** **FINDS** **CAR000049163**
< 1/8 **LOS ANGELES, CA 90031** **ECHO**
0.048 mi. **HAZNET**
253 ft. **Site 1 of 4 in cluster E**

Relative: **Lower**
Actual: **358 ft.**

RCRA-SQG:

Date form received by agency:	02/19/1999
Facility name:	JS AUTOBODY
Facility address:	315 W AVE 33 LOS ANGELES, CA 90031
EPA ID:	CAR000049163
Contact:	MIKE MARTINEZ
Contact address:	315 W AVE 33 LOS ANGELES, CA 90031
Contact country:	US
Contact telephone:	323-223-4298
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	MIKE MARTINEZ

JS AUTOBODY (Continued) **1001459737**

Owner/operator address: 315 W AVE 33
LOS ANGELES, CA 90031
Owner/operator country: Not reported
Owner/operator telephone: 323-223-4298
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Hazardous Waste Summary:

. Waste code: D001
. Waste name: IGNITABLE WASTE

Violation Status: No violations found

FINDS:

Registry ID: 110002926503

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1001459737
Registry ID: 110002926503
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002926503

JS AUTOBODY (Continued) **1001459737**

HAZNET:

Name:	JS AUTOBODY
Address:	315 W AVE 33
City,State,Zip:	LOS ANGELES, CA 900310000
Year:	1999
GEPAID:	CAR000049163
Contact:	Not reported
Telephone:	0000000000
Mailing Name:	Not reported
Mailing Address:	315 W AVE 33
Mailing City,St,Zip:	LOS ANGELES, CA 900310000
Gen County:	Los Angeles
TSD EPA ID:	CAD008252405
TSD County:	Los Angeles
Tons:	0.374
CA Waste Code:	343-Unspecified organic liquid mixture
Method:	R01-Recycler
Facility County:	Los Angeles

E58 **G/G AIR CONDITIONING INC** **SWEEPS UST** **S101587671**
WSW **311 W AVENUE 33** **CA FID UST** **N/A**
< 1/8 **LOS ANGELES, CA 90031**
0.050 mi.
264 ft. **Site 2 of 4 in cluster E**

Relative:
Lower

Actual:
359 ft.

SWEEPS UST:

Status:	Active
Comp Number:	4739
Number:	1
Board Of Equalization:	Not reported
Referral Date:	02-25-93
Action Date:	02-25-93
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	Not reported
Tank Status:	Not reported
Capacity:	Not reported
Active Date:	Not reported
Tank Use:	Not reported
STG:	Not reported
Content:	Not reported
Number Of Tanks:	Not reported

CA FID UST:

Facility ID:	19055875
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2130000000
Mail To:	Not reported
Mailing Address:	311 W AVENUE 33
Mailing Address 2:	Not reported
Mailing City,St,Zip:	LOS ANGELES 900310000
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported

G/G AIR CONDITIONING INC (Continued) **S101587671**

NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

E59 **G & G AIR CONDITIONING** **UST** **U004306170**
WSW **311 W AVENUE 33** **N/A**
< 1/8 **LOS ANGELES, CA 90031**
0.050 mi.
264 ft. **Site 3 of 4 in cluster E**

Relative: LOS ANGELES UST:
Lower
Facility ID: FA0012151
Actual: Last Run Date: 01/01/2019
359 ft. Status: INACTIVE

E60 **G & G AIR CONDITIONING** **HAZMAT** **S123545445**
WSW **311 W AVENUE 33** **N/A**
< 1/8 **LOS ANGELES, CA 90031**
0.050 mi.
264 ft. **Site 4 of 4 in cluster E**

Relative: LOS ANGELES HM:
Lower
Facility ID: FA0012151
Actual: Last Run Date: 01/01/2019
359 ft. Status: ACTIVE

F61 **SMITH W P** **EDR Hist Cleaner** **1009187478**
NE **3500 PASADENA AVENUE TER** **N/A**
< 1/8 **LOS ANGELES, CA**
0.061 mi.
321 ft. **Site 1 of 4 in cluster F**

Relative: EDR Hist Cleaner
Higher

Actual: Year: Name: Type:
372 ft. 1924 SMITH W P CLOTHES CLEANERS PRESSERS AND DYERS

F62 **CHUY CARBURATORS** **HAZMAT** **S123544073**
NE **3500 N PASADENA AVE** **N/A**
< 1/8 **LOS ANGELES, CA 90031**
0.061 mi.
321 ft. **Site 2 of 4 in cluster F**

Relative: LOS ANGELES HM:
Higher
Facility ID: FA0008231
Actual: Last Run Date: 01/01/2019
372 ft. Status: ACTIVE

G63 **LA DWP - DISTRIBUTION STATION - 36** **HAZMAT** **S123546808**
NNW **3436 N MARMION WY** **N/A**
< 1/8 **LOS ANGELES, CA 90065**
0.064 mi.
339 ft. **Site 1 of 2 in cluster G**

Relative: LOS ANGELES HM:
Lower
Facility ID: FA0017004
Actual: Last Run Date: 01/01/2019
363 ft. Status: ACTIVE

G64 **DISTRIBUTING STATION 36** **AST** **A100419465**
NNW **3436 MARMION WAY** **N/A**
< 1/8 **LOS ANGELES, CA 90065**
0.064 mi.
339 ft. **Site 2 of 2 in cluster G**

Relative: AST:
Lower
Certified Unified Program Agencies: Not reported
Actual: Owner: Los Angeles Department of Water and Power
363 ft. Total Gallons: Not reported
CERSID: 10030132
Facility ID: 19-051-017004
Business Name: Los Angeles Department of Water and Power
Phone: 213-367-7172
Fax: Not reported
Mailing Address: 111 N. Hope St. Room 1050
Mailing Address City: Los Angeles
Mailing Address State: CA
Mailing Address Zip Code: 90012
Operator Name: David Hearle II
Operator Phone: 213-367-7172
Owner Phone: 213-367-0403
Owner Mail Address: 111 N. Hope St. Room 1050
Owner State: CA
Owner Zip Code: 90012
Owner Country: United States
Property Owner Name: Not reported
Property Owner Phone: Not reported
Property Owner Mailing Address: Not reported
Property Owner City: Not reported
Property Owner Stat : Not reported
Property Owner Zip Code: Not reported
Property Owner Country: Not reported
EPAID: Not reported

F65 **LAUSD - HILLSIDE ELEMENTARY SCHOOL** **HAZMAT** **S123542643**
ENE **120 E AVENUE 35** **N/A**
< 1/8 **LOS ANGELES, CA 90031**
0.066 mi.
347 ft. **Site 3 of 4 in cluster F**

Relative: LOS ANGELES HM:
Higher
Facility ID: FA0004413
Actual: Last Run Date: 01/01/2019
390 ft. Status: ACTIVE

F66 **LA USD HILLSIDE EL** **RCRA-SQG** **1000427604**
ENE **120 E AVE 35** **FINDS** **CAD981624901**
< 1/8 **LOS ANGELES, CA 90031** **ECHO**
0.066 mi.
347 ft. **Site 4 of 4 in cluster F**

Relative:
Higher

Actual:
390 ft.

RCRA-SQG:

Date form received by agency:	01/27/1986
Facility name:	LA USD HILLSIDE EL
Facility address:	120 E AVE 35 LOS ANGELES, CA 90031
EPA ID:	CAD981624901
Mailing address:	E AVE THIRTY FIFTH LOS ANGELES, CA 90031
Contact:	ENVIRONMENTAL MANAGER
Contact address:	120 E AVE THIRTY FIFTH LOS ANGELES, CA 90031
Contact country:	US
Contact telephone:	213-742-7371
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	LA USD
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	415-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	District
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	NOT REQUIRED
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	415-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	District
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No

LA USD HILLSIDE EL (Continued) **1000427604**

Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Violation Status: No violations found

FINDS:

Registry ID: 110002728415

Environmental Interest/Information System

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000427604
Registry ID:	110002728415
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002728415

H67 **W. HEATH AND COMPANY** **HIST UST** **U001561305**
West **3225 LACY ST** **N/A**
< 1/8 **LOS ANGELES, CA 90031**
0.109 mi.
574 ft. **Site 1 of 7 in cluster H**

Relative: **Lower**

Actual: **347 ft.**

HIST UST:

File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000050721
Facility Type:	Other
Other Type:	COMPANY
Contact Name:	FRANK LLEWELLYN
Telephone:	2132234141
Owner Name:	W. HEATH AND COMPANY

W. HEATH AND COMPANY (Continued) **U001561305**

Owner Address:	3225 LACY STREET
Owner City,St,Zip:	LOS ANGELES, CA 90031
Total Tanks:	0002
Tank Num:	001
Container Num:	1
Year Installed:	1964
Tank Capacity:	00007500
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	002
Container Num:	2
Year Installed:	1973
Tank Capacity:	00012000
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Container Construction Thickness:	Not reported
Leak Detection:	None

H68 **LAUSD - MAINTENANCE AREA # 4** **UST** **U004305932**
West **3225 E LACY ST** **N/A**
< 1/8 **LOS ANGELES, CA 90031**
0.109 mi.
574 ft. **Site 2 of 7 in cluster H**

Relative: LOS ANGELES UST:
Lower

Facility ID:	FA0007047
Last Run Date:	01/01/2019
Status:	INACTIVE

Actual:
347 ft.

H69 **W HEATH AND COMPANY INC** **SWEEPS UST** **S101584670**
West **3225 LACY ST** **HIST UST** **N/A**
< 1/8 **LOS ANGELES, CA 90031** **CA FID UST**
0.109 mi.
574 ft. **Site 3 of 7 in cluster H**

Relative: SWEEPS UST:
Lower

Status:	Active
Comp Number:	2779
Number:	1
Board Of Equalization:	44-012522
Referral Date:	02-25-93
Action Date:	02-25-93
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-050-002779-000001
Tank Status:	A
Capacity:	7500
Active Date:	04-20-88
Tank Use:	M.V. FUEL
STG:	P
Content:	DIESEL
Number Of Tanks:	2

Actual:
347 ft.

W HEATH AND COMPANY INC (Continued) **S101584670**

Status:	Active
Comp Number:	2779
Number:	1
Board Of Equalization:	44-012522
Referral Date:	02-25-93
Action Date:	02-25-93
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-050-002779-000002
Tank Status:	A
Capacity:	12000
Active Date:	04-20-88
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	Not reported

HIST UST:

File Number:	000285DB
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000285DB.pdf
Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Total Tanks:	Not reported

Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Click here for Geo Tracker PDF:

CA FID UST:

Facility ID:	19014132
Regulated By:	UTNKA
Regulated ID:	00050721
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2132234141
Mail To:	Not reported
Mailing Address:	3225 LACY ST
Mailing Address 2:	Not reported
Mailing City,St,Zip:	LOS ANGELES 900310000
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported

W HEATH AND COMPANY INC (Continued) **S101584670**

NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

H70 **MAINTENANCE AND OPERATIONS NEW MAINTENANCE COMPANY** **RCRA-LQG** **1010312955**
West **3225 LACY STREET** **CAD133111419**
< 1/8 **LOS ANGELES, CA 90031**
0.109 mi.
574 ft. **Site 4 of 7 in cluster H**

Relative: **Lower**

Actual: **347 ft.**

RCRA-LQG:
Date form received by agency: 04/07/2011
Facility name: MAINTENANCE AND OPERATIONS NEW MAINTENANCE COMPANY
Facility address: 3225 LACY STREET
LOS ANGELES, CA 90031
EPA ID: CAD133111419
Mailing address: 333 S BEAUDRY AVE
27TH FLOOR LAUSD OEHS
LOS ANGELES, CA 90017
Contact: SOE AUNG
Contact address: 333 S BEAUDRY AVE 27TH FLOOR LAUSD OEHS
LOS ANGELES, CA 90017
Contact country: US
Contact telephone: 213-241-3199
Contact email: SOE.AUNG@LAUSD.NET
EPA Region: 09
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:
Owner/operator name: LOS ANGELES UNIFIED SCHOOL
Owner/operator address: 333 S BEAUDRY AVE, 27TH FLOOR OEHS
LOS ANGELES, CA 90017
Owner/operator country: US
Owner/operator telephone: 213-241-3199
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: District
Owner/Operator Type: Owner
Owner/Op start date: 04/10/1987
Owner/Op end date: Not reported

Owner/operator name: MAINTENANCE AND OPERATIONS NEW MAINTENA
Owner/operator address: Not reported

MAINTENANCE AND OPERATIONS NEW MAINTENANCE COMPANY (Continued) **1010312955**

Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: District
Owner/Operator Type: Operator
Owner/Op start date: 04/10/1987
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 09/13/2010
Site name: LAUSD - MAINTENANCE & OPERATIONS 4
Classification: Large Quantity Generator

Date form received by agency: 01/28/2008
Site name: LAUSD-M&O 4
Classification: Large Quantity Generator

Date form received by agency: 01/27/2006
Site name: LAUSD-M&O 4
Classification: Small Quantity Generator

Date form received by agency: 01/27/2006
Site name: LAUSD-M&O 4
Classification: Large Quantity Generator

Date form received by agency: 04/25/2003
Site name: MAINTENANCE AND OPERATIONS (E)
Classification: Large Quantity Generator

Date form received by agency: 03/07/2000
Site name: UNGER FABRIK
Classification: Not a generator, verified

Hazardous Waste Summary:

. Waste code: 181

MAINTENANCE AND OPERATIONS NEW MAINTENANCE COMPANY (Continued) **1010312955**

. Waste name: Other inorganic solid waste

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

Violation Status: No violations found

H71 **LAUSD - MAINTENANCE AREA # 4** **HAZMAT** **S123543648**
West **3225 E LACY ST** **N/A**
< 1/8 **LOS ANGELES, CA 90031**
0.109 mi.
574 ft. **Site 5 of 7 in cluster H**

Relative: LOS ANGELES HM:
Lower
Facility ID: FA0007047
Actual: Last Run Date: 01/01/2019
347 ft. Status: ACTIVE

H72 **HEATH & CO** **LUST** **1000404577**
West **3225 LACY ST** **FINDS** **N/A**
< 1/8 **LOS ANGELES, CA 90031** **ECHO**
0.109 mi. **HIST CORTESE**
574 ft. **Site 6 of 7 in cluster H** **CERS**

Relative: LUST:
Lower
Lead Agency: LOS ANGELES, CITY OF
Actual: Case Type: LUST Cleanup Site
347 ft. Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603700801
Global Id: T0603700801
Latitude: 34.0836564
Longitude: -118.2182425
Status: Completed - Case Closed
Status Date: 11/01/1995
Case Worker: EL
RB Case Number: 900310207
Local Agency: LOS ANGELES, CITY OF
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0603700801
Contact Type: Local Agency Caseworker
Contact Name: ELOY LUNA
Organization Name: LOS ANGELES, CITY OF
Address: 200 North Main Street, Suite 1780
City: LOS ANGELES

HEATH & CO (Continued) **1000404577**

Email: eloy.luna@lacity.org
Phone Number: Not reported

Global Id: T0603700801
Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone Number: Not reported

LUST:
Global Id: T0603700801
Action Type: Other
Date: 07/13/1995
Action: Leak Reported

Global Id: T0603700801
Action Type: Other
Date: 07/13/1995
Action: Leak Discovery

Global Id: T0603700801
Action Type: Other
Date: 07/13/1995
Action: Leak Stopped

LUST:
Global Id: T0603700801
Status: Completed - Case Closed
Status Date: 11/01/1995

Global Id: T0603700801
Status: Open - Case Begin Date
Status Date: 07/13/1995

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: 900310207
Status: Case Closed
Substance: Gasoline
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Soil
Abatement Method Used at the Site: Not reported
Global ID: T0603700801
W Global ID: Not reported
Staff: UNK
Local Agency: 19050
Cross Street: SAN FERNANDO RD
Enforcement Type: Not reported
Date Leak Discovered: 7/13/1995

HEATH & CO (Continued) **1000404577**

Date Leak First Reported:		7/13/1995
Date Leak Record Entered:	10/15/1996	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	7/13/1995	
Date Case Last Changed on Database:		3/5/1996
Date the Case was Closed:		11/1/1995
How Leak Discovered:	Tank Closure	
How Leak Stopped:	Not reported	
Cause of Leak:	Not reported	
Leak Source:	Not reported	
Operator:	Not reported	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		7498.741360717063672710356944 3
Source of Cleanup Funding:		Not reported
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		Not reported
Pollution Characterization Began:		Not reported
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		Not reported
Post Remedial Action Monitoring Began:		Not reported
Enforcement Action Date:		Not reported
Historical Max MTBE Date:		Not reported
Hist Max MTBE Conc in Groundwater:		Not reported
Hist Max MTBE Conc in Soil:		Not reported
Significant Interim Remedial Action Taken:		Not reported
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	FISCHBACH PROPERTIES	
RP Address:	2700 S ZUNI ST, ENGLEWOOD CO 80110	
Program:	LUST	
Lat/Long:	34.0836564 / -1	
Local Agency Staff:	PEJ	
Beneficial Use:	Not reported	
Priority:	Not reported	
Cleanup Fund Id:	Not reported	
Suspended:	Not reported	
Assigned Name:	Not reported	
Summary:	Not reported	

FINDS:

Registry ID: 110009532880

Environmental Interest/Information System

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

HEATH & CO (Continued) **1000404577**

ECHO:
- Envid: 1000404577
- Registry ID: 110009532880
- DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110009532880

HIST CORTESE:
- edr_fname: HEATH & COMPANY FACILITY
- edr_fadd1: 3225 LACY
- City,State,Zip: LOS ANGELES, CA 90031
- Region: CORTESE
- Facility County Code: 19
- Reg By: LTNKA
- Reg Id: 900310207

CERS TANKS:
- Site ID: 241369
- CERS ID: T0603700801
- Site Name: HEATH & COMPANY FACILITY
- CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
- Affiliation Type Desc: Local Agency Caseworker
- Entity Name: ELOY LUNA - LOS ANGELES, CITY OF
- Entity Title: Not reported
- Affiliation Address: 200 North Main Street, Suite 1780
- Affiliation City: LOS ANGELES
- Affiliation State: CA
- Affiliation Country: Not reported
- Affiliation Zip: Not reported
- Affiliation Phone: Not reported

- Affiliation Type Desc: Regional Board Caseworker
- Entity Name: YUE RONG - LOS ANGELES RWQCB (REGION 4)
- Entity Title: Not reported
- Affiliation Address: 320 W. 4TH ST., SUITE 200
- Affiliation City: Los Angeles
- Affiliation State: CA
- Affiliation Country: Not reported
- Affiliation Zip: Not reported
- Affiliation Phone: Not reported

H73 **CITY OF LA - DEPT OF ANIMAL REGULAT** **HAZMAT** **S123547357**
WSW **3201 E LACY ST** **N/A**
< 1/8 **LOS ANGELES, CA 90031**
0.119 mi.
628 ft. **Site 7 of 7 in cluster H**

Relative: **Lower**
Actual: **349 ft.**

LOS ANGELES HM:
- Facility ID: FA0018921
- Last Run Date: 01/01/2019
- Status: ACTIVE

- Facility ID: FA0018921
- Last Run Date: 01/01/2019
- Status: ACTIVE

I74
SW
< 1/8
0.119 mi.
628 ft.

ITT CANNON
3209 E HUMBOLDT ST
LOS ANGELES, CA 90031

Site 1 of 7 in cluster I

HAZMAT **S123549186**
N/A

Relative:
Lower

Actual:
358 ft.

LOS ANGELES HM:
Facility ID: FA0024757
Last Run Date: 01/01/2019
Status: ACTIVE

I75
SW
< 1/8
0.119 mi.
628 ft.

ITT CANNON
3209 E HUMBOLDT ST
LOS ANGELES, CA 90031

Site 2 of 7 in cluster I

UST **U004306882**
N/A

Relative:
Lower

Actual:
358 ft.

LOS ANGELES UST:
Facility ID: FA0024757
Last Run Date: 01/01/2019
Status: INACTIVE

I76
SSW
< 1/8
0.122 mi.
644 ft.

KENNINGTON
3209 HUMBOLDT ST.
LOS ANGELES, CA 90031

Site 3 of 7 in cluster I

RCRA-SQG **1010313171**
FINDS **CAL000200404**

Relative:
Lower

Actual:
359 ft.

RCRA-SQG:
Date form received by agency: 06/20/2006
Facility name: ITT CANNON, HUMBOLDT
Facility address: 3209 HUMBOLDT ST.
LOS ANGELES, CA 90031-1834
EPA ID: CAL000200404
Mailing address: 666 EAST DYER ROAD
SANTA ANA, CA 92705
Contact: WILLIAM J LITTEN
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: 714-628-2366
Contact email: WILLIAM.LITTEN@ITT.COM
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: ITT INDUSTRIES, CANNON
Owner/operator address: 666 E. DYER ROAD
SANTA ANA, CA 92705
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported

KENNINGTON (Continued) **1010313171**

Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1998
Owner/Op end date: Not reported

Owner/operator name: ITT INDUSTRIES, CANNON
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1998
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 06/20/2006
Site name: ITT CANNON, HUMBOLDT
Classification: Large Quantity Generator

Hazardous Waste Summary:

. Waste code: 261
. Waste name: Polychlorinated biphenyls and material containing PCB's

. Waste code: D008
. Waste name: LEAD

Violation Status: No violations found

FINDS:

Registry ID: 110009266089

Environmental Interest/Information System

KENNINGTON (Continued) **1010313171**

California Department of Toxic Substances Control EnviroStor System (DTSC-EnviroStor) is an online search and Geographic Information System (GIS) tool for identifying sites that have known contamination or sites for which there may be reasons to investigate further. The EnviroStor database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites.

SUPERFUND (NON-NPL)

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

I77 **KENNINGTON LTD. (ITT CANNON)** **SEMS** **1000855945**
SSW **3209 HUMBOLDT ST.** **ENVIROSTOR** **CA0000113175**
< 1/8 **LOS ANGELES, CA 90031** **VCP**
0.122 mi. **SWEEPS UST**
644 ft. **Site 4 of 7 in cluster I** **CA FID UST**
DEED
Relative: **HIST CORTESE**
Lower

Actual: **359 ft.**

SEMS:

Site ID:	0904968
EPA ID:	CA0000113175
Cong District:	24
FIPS Code:	06037
Latitude:	Not reported
Longitude:	Not reported
FF:	N
NPL:	Not on the NPL
Non NPL Status:	Other Cleanup Activity: State-Lead Cleanup

SEMS Detail:

Region:	09
Site ID:	0904968
EPA ID:	CA0000113175
Site Name:	KENNINGTON LTD. (ITT CANNON)
NPL:	N
FF:	N
OU:	00
Action Code:	OO
Action Name:	SITE REASS
SEQ:	1
Start Date:	Not reported
Finish Date:	5/23/2006 4:00:00 AM
Qual:	H
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0904968
EPA ID:	CA0000113175
Site Name:	KENNINGTON LTD. (ITT CANNON)
NPL:	N
FF:	N
OU:	00
Action Code:	DS

KENNINGTON LTD. (ITT CANNON) (Continued) **1000855945**

Action Name:	DISCVRY
SEQ:	1
Start Date:	1994-02-14 05:00:00
Finish Date:	2/14/1994 5:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0904968
EPA ID:	CA0000113175
Site Name:	KENNINGTON LTD. (ITT CANNON)
NPL:	N
FF:	N
OU:	00
Action Code:	VA
Action Name:	OTHR CLEANUP
SEQ:	1
Start Date:	2006-05-23 04:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	St Perf
Region:	09
Site ID:	0904968
EPA ID:	CA0000113175
Site Name:	KENNINGTON LTD. (ITT CANNON)
NPL:	N
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	2000-08-15 04:00:00
Finish Date:	8/3/2001 4:00:00 AM
Qual:	H
Current Action Lead:	St Perf

ENVIROSTOR:

Name:	KENNINGTON
Address:	3209 HUMBOLDT STREET
City,State,Zip:	LOS ANGELES, CA 90031
Facility ID:	19340739
Status:	Active
Status Date:	07/03/2013
Site Code:	300654
Site Type:	Voluntary Cleanup
Site Type Detailed:	Voluntary Cleanup
Acres:	3.75
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Lori Parnass
Supervisor:	Juli Propes
Division Branch:	Cleanup Chatsworth
Assembly:	51
Senate:	24

KENNINGTON LTD. (ITT CANNON) (Continued) **1000855945**

Special Program: Voluntary Cleanup Program
Restricted Use: YES
Site Mgmt Req: REM, DAY, ELD, HOS, LUC, FEN, MON, EX, GW, NUSE, NDEV
Funding: Responsible Party
Latitude: 34.08275
Longitude: -118.2163
APN: 5205-006-053, 5205006053
Past Use: BATTERY MANUFACTURING, MANUFACTURING - ELECTRONIC
Potential COC: Lead Polychlorinated biphenyls (PCBs Tetrachloroethylene (PCE Trichloroethylene (TCE
Confirmed COC: Polychlorinated biphenyls (PCBs Tetrachloroethylene (PCE Trichloroethylene (TCE Lead
Potential Description: OTH, SOIL
Alias Name: ITT CANNON
Alias Type: Alternate Name
Alias Name: 5205-006-053
Alias Type: APN
Alias Name: 5205006053
Alias Type: APN
Alias Name: CA0000113175
Alias Type: CERCLIS ID
Alias Name: 110009266089
Alias Type: EPA (FRS #)
Alias Name: SLT43246244
Alias Type: GeoTracker Global ID
Alias Name: 300260
Alias Type: Project Code (Site Code)
Alias Name: 300654
Alias Type: Project Code (Site Code)
Alias Name: 19340739
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 01/11/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 03/23/2005
Comments: The soil remedial action involved the excavation to 46 feet below ground surface, and offiste disposal of approximately 18,000 cubic yards of soil impacted with PCB's, PCE, TCE and lead.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 12/05/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 10/08/2003
Comments: The Remedial Action Plan (RAP) includes the excavation and disposal

KENNINGTON LTD. (ITT CANNON) (Continued) **1000855945**

of about 5,000 cubic yards of soil contaminated with polychlorinated biphnels (PCBs), volatile organic compounds (TCE and PCE), lead, and groundwater remediation. Based on the analyses and conclusion found in the Special Initial Study, DTSC finds that the project may result in a potentially significant impact on the archaeological resources, thus a Mitigated Negative Declaration was prepared for the project. An archaeologist will monitor the excavation on Site as a mitigation measure to reduce any potential impacts to less than significant levels.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation / Feasibility Study
Completed Date: 07/31/2003
Comments: Remedial Investigation/Feasibility Study completed right on time.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 06/20/2001
Comments: A Preliminary Assessment Report was submitted to U.S. EPA Region IX for review and approval. Sampling is recommended by U.S. EPA.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation / Feasibility Study
Completed Date: 04/25/1997
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 06/04/1993
Comments: DTSC COMPLETES REVIEW OF SITE CHARACTERIZATION REPORT AND SUBMITS COMMENTS AND RECOMMENDATIONS TO THE RPS. THEY ARE AS FOLLOWS:1)DTSC CONCURS THAT BASED ON THE BUILDINGS ENGINEERING CERTIFICATE OF THE CONCRETE FLOOR AND THE PRESENT USE OF THE SITE, AS LONG AS THE FLOORING STAYS INTACT THERE SHOULD BE NO SIGNIFICANT HEALTH RISKS TO BLDG. PERSONNEL. IF THE INTEGRITY OF THE CONCRETE FLOORING BECOMES DAMMAGED, SO AS TO EXPOSE BLDG. PERSONNEL TO THE CONTAMINATED SOILS IMMEDIATE ACTIONS SHALL BE TAKEN TO CORRECT THE PROBLEM. IF MAINTENANCE IS NEEDED BELOW THE CONCRETE FLOOR (E.G. REPAIR OF UTILITY LINES), PERSONNEL CONDUCTING THE WORK SHALL BE NOTIFIED OF THE HAZARDS AND APPROPRIATE PROTECTIVE CLOTHING SHALL BE WORN. IN THE EVENT THAT KENNINGTON, LTD, INC. PROPOSES TO CHANGE OWNERSHIP OR USE OF THE SITE, DTSC BELIEVES THAT FURTHER RESPONSE ACTION IS REQUIRED. DTSC RECOMMENDS THE FURTHER ACTION BE IN THE FORM OF A) REMEDIATION OF THE CONTAMI- NATED AREA(S), OR B) IMPLEMENTATION OF LAND USE RESTRIC- TIONS.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 10/19/1990
Comments: ON CORTESE LIST PRELIM ASSESS DONE PEA COMPLETED AND FURTHER INVESTIGATION IS NECESSARY. PCBS FOUND AS HIGH AS 24,076 PPM AND TPH & TRPH AS HIGH AS 73,050 PPM. SITE IS A LARGE WAREHOUSE- TYPE

KENNINGTON LTD. (ITT CANNON) (Continued) **1000855945**

BUILDING WITH CEMENT FLOORING & AN ADJOINING PARKING LOT WHICH IS ALSO PAVED. WORKPLAN FOR SITE CHARACTERIZA- TION APPROVED WITH APPROX 20 SOIL BOR- INGS PROPOSED; 5 OF WHICH WILL BE CON- VERTED INTO GROUNDWATER MONITORING WELLS

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 06/14/1990
Comments: SITE SCREENING DONE PRELIMINARY ENDANGERMENT ASSESSMENT(PEA) REQUIRED. SITE WAS USED BY VARIOUS FOR- MER COMPANIES FROM ELECTRONIC COMPONENT ASSEMBLY TO ANT POISON MANUFACTURING.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 03/10/2005
Comments: An operation maintenance agreement is executed for the implementation of a plan to identify soil and groundwater activities that need to be followed and maintained in order to protect human health and the environment.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/16/2006
Comments: DTSC concurs with the findings of the First Quarter 2006 Progress Report dated July 9, 2006, and that the groundwater monitoring program should continue as outlined in the approved workplan dated January 5, 2005.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 11/02/2006
Comments: DTSC concurs with the findings of the Report, and that the groundwater monitoring program should continue as outlined in the approved workplan dated January 5, 2005.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/27/2006
Comments: DTSCE determines that the Third Quarter 2006 Progress Report dated 11/15/2006 does not require revision.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/13/2010
Comments: The Workplan dated 9/302010 reviewd by DTSC does not require revision. Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Implementation Workplan
Completed Date: 03/24/2011

KENNINGTON LTD. (ITT CANNON) (Continued) **1000855945**

Comments:	DTSC determines, the Work Plan to Implement Supplemental IRZ Injection Tracer Testing and Performance Monitoring, dated March 10, 2011 does not require revision.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Monitoring Plan
Completed Date:	08/29/2011
Comments:	Original document requires no revision.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Other Report
Completed Date:	03/20/2012
Comments:	DTSC determines no revision on the report, dated February 10, 2012
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Monitoring Report
Completed Date:	03/20/2012
Comments:	Document was submitted to LARWQCB.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Monitoring Report
Completed Date:	05/22/2012
Comments:	RP was informed, DTSC determines the above subject document does not require revisions.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Monitoring Report
Completed Date:	09/14/2012
Comments:	Report dated 7/30/2012 does not require revision.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Monitoring Report
Completed Date:	05/09/2013
Comments:	approved
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Monitoring Report
Completed Date:	10/07/2013
Comments:	done
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Monitoring Report
Completed Date:	11/27/2013
Comments:	appropriate reporting
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Monitoring Report
Completed Date:	09/20/2012

KENNINGTON LTD. (ITT CANNON) (Continued) **1000855945**

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 10/02/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/27/2014
Comments: done

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Financial Assurance Documentation
Completed Date: 10/06/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/14/2016
Comments: accepted as ongoing

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/30/2016
Comments: concurrence

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/11/2016
Comments: concurrence

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/09/2016
Comments: done

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 08/29/2016
Comments: done

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/16/2016
Comments: done

Completed Area Name: PROJECT WIDE

KENNINGTON LTD. (ITT CANNON) (Continued) **1000855945**

Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 02/14/2017
Comments: approved

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 06/14/2017
Comments: concurred

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 08/30/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 05/12/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 05/12/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/10/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/22/2017
Comments: done

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 06/27/2013
Comments: Soil cleaned up to 11 mg/kg in shallow soil for Aroclor 1248; 0.06 mg/kg for PCE; 750 mg/kg for lead and 50 mg/kg for Aroclor 1248 for deep soil.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Mitigated Neg. Dec. (MND)
Completed Date: 10/08/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

KENNINGTON LTD. (ITT CANNON) (Continued) **1000855945**

Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 04/11/2001
Comments: DTSC signed the Voluntary Cleanup Agreement (VCA). VCA was signed on 4/11/01. Purpose of VCA is for ITT Cannon to complete the Site Investigation, and prepare and implement a Removal Action Workplan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Amendment - Order/Agreement
Completed Date: 01/18/1996
Comments: AN AMENDED VOLUNTARY CLEANUP AGREEMENT WAS SIGNED BY THE PROJECT PROPONENTS AND THE DEPARTMENT OF TOXIC SUBSTANCES CONTROL FOR A REMEDIAL INVESTIGATION.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 05/04/1993
Comments: A VOLUNTARY CLEAN-UP AGREEMENT WAS SIGNED BY THE RPS AND DTSC. PER THE AGREEMENT THE RPS WOULD PAY IN ADVANCE TO HAVE DTSC REVIEW AND COMMENT ON THE RPS SITE CHARACTERIZA- TION REPORT. WALK-IN PROGRAM PROJECT.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Triage Meeting
Completed Date: 07/30/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 03/22/2005
Comments: An operation maintenance agreement is executed for the implementation of a plan to identify soil and groundwater activities that need to be followed and maintained in order to protect human health and the environment.

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Certification
Future Due Date: 2024
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

VCP:
Facility ID: 19340739
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: REM, DAY, ELD, HOS, LUC, FEN, MON, EX, GW, NUSE, NDEV
Acres: 3.75
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP

KENNINGTON LTD. (ITT CANNON) (Continued) **1000855945**

Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Lori Parnass
Supervisor:	Juli Propes
Division Branch:	Cleanup Chatsworth
Site Code:	300654
Assembly:	51
Senate:	24
Special Programs Code:	Voluntary Cleanup Program
Status:	Active
Status Date:	07/03/2013
Restricted Use:	YES
Funding:	Responsible Party
Lat/Long:	34.08275 / -118.2163
APN:	5205-006-053, 5205006053
Past Use:	BATTERY MANUFACTURING, MANUFACTURING - ELECTRONIC
Potential COC:	30013, 30018, 30022, 30027
Confirmed COC:	30018,30022,30027,30013
Potential Description:	OTH, SOIL
Alias Name:	ITT CANNON
Alias Type:	Alternate Name
Alias Name:	5205-006-053
Alias Type:	APN
Alias Name:	5205006053
Alias Type:	APN
Alias Name:	CA0000113175
Alias Type:	CERCLIS ID
Alias Name:	110009266089
Alias Type:	EPA (FRS #)
Alias Name:	SLT43246244
Alias Type:	GeoTracker Global ID
Alias Name:	300260
Alias Type:	Project Code (Site Code)
Alias Name:	300654
Alias Type:	Project Code (Site Code)
Alias Name:	19340739
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Correspondence
Completed Date:	01/11/2019
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Remedial Action Completion Report
Completed Date:	03/23/2005
Comments:	The soil remedial action involved the excavation to 46 feet below ground surface, and offiste disposal of approximately 18,000 cubic yards of soil impacted with PCB's, PCE, TCE and lead.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Design/Implementation Workplan
Completed Date:	12/05/2003
Comments:	Not reported

KENNINGTON LTD. (ITT CANNON) (Continued) **1000855945**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 10/08/2003
Comments: The Remedial Action Plan (RAP) includes the excavation and disposal of about 5,000 cubic yards of soil contaminated with polychlorinated biphnels (PCBs), volatile organic compounds (TCE and PCE), lead, and groundwater remediation. Based on the analyses and conclusion found in the Special Initial Study, DTSC finds that the project may result in a potentially significant impact on the archaeological resources, thus a Mitigated Negative Declaration was prepared for the project. An archaeologist will monitor the excavation on Site as a mitigation measure to reduce any potential impacts to less than significant levels.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation / Feasibility Study
Completed Date: 07/31/2003
Comments: Remedial Investigation/Feasibility Study completed right on time.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 06/20/2001
Comments: A Preliminary Assessment Report was submitted to U.S. EPA Region IX for review and approval. Sampling is recommended by U.S. EPA.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation / Feasibility Study
Completed Date: 04/25/1997
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 06/04/1993
Comments: DTSC COMPLETES REVIEW OF SITE CHARACTERIZATION REPORT AND SUBMITS COMMENTS AND RECOMMENDATIONS TO THE RPS. THEY ARE AS FOLLOWS:1)DTSC CONCURS THAT BASED ON THE BUILDINGS ENGINEERING CERTIFICATE OF THE CONCRETE FLOOR AND THE PRESENT USE OF THE SITE, AS LONG AS THE FLOORING STAYS INTACT THERE SHOULD BE NO SIGNIFICANT HEALTH RISKS TO BLDG. PERSONNEL. IF THE INTEGRITY OF THE CONCRETE FLOORING BECOMES DAMMAGED, SO AS TO EXPOSE BLDG. PERSONNEL TO THE CONTAMINATED SOILS IMMEDIATE ACTIONS SHALL BE TAKEN TO CORRECT THE PROBLEM. IF MAINTENANCE IS NEEDED BELOW THE CONCRETE FLOOR (E.G. REPAIR OF UTILITY LINES), PERSONNEL CONDUCTING THE WORK SHALL BE NOTIFIED OF THE HAZARDS AND APPROPRIATE PROTECTIVE CLOTHING SHALL BE WORN. IN THE EVENT THAT KENNINGTON, LTD, INC. PROPOSES TO CHANGE OWNERSHIP OR USE OF THE SITE, DTSC BELIEVES THAT FURTHER RESPONSE ACTION IS REQUIRED. DTSC RECOMMENDS THE FURTHER ACTION BE IN THE FORM OF A) REMEDIATION OF THE CONTAMI- NATED AREA(S), OR B) IMPLEMENTATION OF LAND USE RESTRIC- TIONS.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

KENNINGTON LTD. (ITT CANNON) (Continued) **1000855945**

Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 10/19/1990
Comments: ON CORTESE LIST PRELIM ASSESS DONE PEA COMPLETED AND FURTHER INVESTIGATION IS NECESSARY. PCBS FOUND AS HIGH AS 24,076 PPM AND TPH & TRPH AS HIGH AS 73,050 PPM. SITE IS A LARGE WAREHOUSE- TYPE BUILDING WITH CEMENT FLOORING & AN ADJOINING PARKING LOT WHICH IS ALSO PAVED. WORKPLAN FOR SITE CHARACTERIZA- TION APPROVED WITH APPROX 20 SOIL BOR- INGS PROPOSED; 5 OF WHICH WILL BE CON- VERTED INTO GROUNDWATER MONITORING WELLS

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 06/14/1990
Comments: SITE SCREENING DONE PRELIMINARY ENDANGERMENT ASSESSMENT(PEA) REQUIRED. SITE WAS USED BY VARIOUS FOR- MER COMPANIES FROM ELECTRONIC COMPONENT ASSEMBLY TO ANT POISON MANUFACTURING.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 03/10/2005
Comments: An operation maintenance agreement is executed for the implementation of a plan to identify soil and groundwater activities that need to be followed and maintained in order to protect human health and the environment.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/16/2006
Comments: DTSC concurs with the findings of the First Quarter 2006 Progress Report dated July 9, 2006, and that the groundwater monitoring program should continue as outlined in the approved workplan dated January 5, 2005.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 11/02/2006
Comments: DTSC concurs with the findings of the Report, and that the groundwater monitoring program should continue as outlined in the approved workplan dated January 5, 2005.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/27/2006
Comments: DTSCE determines that the Third Quarter 2006 Progress Report dated 11/15/2006 does not require revision.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/13/2010
Comments: The Workplan dated 9/302010 reviewd by DTSC does not require revision.
Not reported

KENNINGTON LTD. (ITT CANNON) (Continued) **1000855945**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Implementation Workplan
Completed Date: 03/24/2011
Comments: DTSC determines, the Work Plan to Implement Supplemental IRZ Injection Tracer Testing and Performance Monitoring, dated March 10, 2011 does not require revision.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Plan
Completed Date: 08/29/2011
Comments: Original document requires no revision.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 03/20/2012
Comments: DTSC determines no revision on the report, dated February 10, 2012

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/20/2012
Comments: Document was submitted to LARWQCB.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/22/2012
Comments: RP was informed, DTSC determines the above subject document does not require revisions.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/14/2012
Comments: Report dated 7/30/2012 does not require revision.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/09/2013
Comments: approved

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/07/2013
Comments: done

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 11/27/2013
Comments: appropriate reporting

KENNINGTON LTD. (ITT CANNON) (Continued) **1000855945**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/20/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 10/02/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/27/2014
Comments: done

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Financial Assurance Documentation
Completed Date: 10/06/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/14/2016
Comments: accepted as ongoing

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/30/2016
Comments: concurrence

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/11/2016
Comments: concurrence

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/09/2016
Comments: done

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 08/29/2016
Comments: done

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report

KENNINGTON LTD. (ITT CANNON) (Continued) **1000855945**

Completed Date: 08/16/2016
Comments: done

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 02/14/2017
Comments: approved

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 06/14/2017
Comments: concurred

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 08/30/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 05/12/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 05/12/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/10/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/22/2017
Comments: done

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 06/27/2013
Comments: Soil cleaned up to 11 mg/kg in shallow soil for Aroclor 1248; 0.06 mg/kg for PCE; 750 mg/kg for lead and 50 mg/kg for Aroclor 1248 for deep soil.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Mitigated Neg. Dec. (MND)
Completed Date: 10/08/2003

KENNINGTON LTD. (ITT CANNON) (Continued) **1000855945**

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 04/11/2001
Comments: DTSC signed the Voluntary Cleanup Agreement (VCA). VCA was signed on 4/11/01. Purpose of VCA is for ITT Cannon to complete the Site Investigation, and prepare and implement a Removal Action Workplan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Amendment - Order/Agreement
Completed Date: 01/18/1996
Comments: AN AMENDED VOLUNTARY CLEANUP AGREEMENT WAS SIGNED BY THE PROJECT PROPONENTS AND THE DEPARTMENT OF TOXIC SUBSTANCES CONTROL FOR A REMEDIAL INVESTIGATION.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 05/04/1993
Comments: A VOLUNTARY CLEAN-UP AGREEMENT WAS SIGNED BY THE RPS AND DTSC. PER THE AGREEMENT THE RPS WOULD PAY IN ADVANCE TO HAVE DTSC REVIEW AND COMMENT ON THE RPS SITE CHARACTERIZA- TION REPORT. WALK-IN PROGRAM PROJECT.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Triage Meeting
Completed Date: 07/30/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 03/22/2005
Comments: An operation maintenance agreement is executed for the implementation of a plan to identify soil and groundwater activities that need to be followed and maintained in order to protect human health and the environment.

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Certification
Future Due Date: 2024
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

SWEEPS UST:
Status: Not reported
Comp Number: 7797
Number: Not reported
Board Of Equalization: Not reported

KENNINGTON LTD. (ITT CANNON) (Continued) **1000855945**

Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: Not reported
Tank Status: Not reported
Capacity: Not reported
Active Date: Not reported
Tank Use: Not reported
STG: Not reported
Content: Not reported
Number Of Tanks: 0

CA FID UST:
Facility ID: 19054659
Regulated By: UTNKI
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 2132251655
Mail To: Not reported
Mailing Address: 3209 HUMBOLT ST
Mailing Address 2: Not reported
Mailing City,St,Zip: LOS ANGELES 900310000
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Inactive

DEED:
Envirostor ID: 19340739
Area: PROJECT WIDE
Sub Area: Not reported
Site Type: VOLUNTARY CLEANUP
Status: ACTIVE
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): 03/22/2005
File Name: Envirostor Land Use Restrictions

HIST CORTESE:
edr_fname: KENNINGTON
edr_fadd1: 3209 HUMBOLDT
City,State,Zip: LOS ANGELES, CA 90031
Region: CORTESE
Facility County Code: 19
Reg By: CALSI
Reg Id: 19340739

I78 **KENNINGTON PROPERTIES** **CPS-SLIC** **S105520922**
SSW **3209 HUMBOLT ST** **LA Co. Site Mitigation** **N/A**
< 1/8 **LOS ANGELES, CA 90031** **CERS**
0.122 mi.
644 ft. **Site 5 of 7 in cluster I**

Relative:
Lower

Actual:
359 ft.

CPS-SLIC:

Site Name:	CANNON ELECTRICAL
Region:	STATE
Facility Status:	**Open - Inactive**
Status Date:	01/30/2015
Global Id:	SLT43246244
Lead Agency:	DEPARTMENT OF TOXIC SUBSTANCES CONTROL
Lead Agency Case Number:	19340739
Latitude:	34.082755
Longitude:	-118.216399
Case Type:	Cleanup Program Site
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	0402
File Location:	Not reported
Potential Media Affected:	Not reported
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

SLIC REG 4:

Region:	4
Facility Status:	Not reported
SLIC:	0402
Substance:	TPH/V
Staff:	Department of Toxic Substances Control

LA Co. Site Mitigation:

Name:	KENNINGTON PROPERTIES
Address:	3209 HUMBOLT ST
City,State,Zip:	LOS ANGELES, CA 90031
Facility ID:	Not reported
Status:	Not reported
Site ID:	SD0010297
Jurisdiction:	State
Case ID:	RO0000453
Abated:	Yes
Assigned To:	Kim Clark
Entered Date:	05/11/2004
Abated Date:	08/24/1993

CERS TANKS:

Site ID:	243299
CERS ID:	SLT43246244
Site Name:	CANNON ELECTRICAL
CERS Description:	Cleanup Program Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	DTSC - LOS ANGELES RWQCB (REGION 4)
Entity Title:	Not reported

KENNINGTON PROPERTIES (Continued) **S105520922**

Affiliation Address: 1011 N. GRANDVIEW AVE.
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

79
ESE
< 1/8
0.124 mi.
657 ft.

3300 GRIFFIN AVE
LOS ANGELES, CA

UST **U004302044**
N/A

Relative:
Higher

Actual:
422 ft.

LOS ANGELES UST:
Facility ID: Not reported
Last Run Date: 01/01/1900
Status: HISTORICAL

I80
SSW
1/8-1/4
0.127 mi.
670 ft.

SELF-REALIZATION FELLOWSHIP CHURCH
3208 HUMBOLDT STREET
LOS ANGELES, CA 90031

Site 6 of 7 in cluster I

RCRA-SQG **1000103540**
FINDS **CAD062071436**
ECHO

Relative:
Lower

Actual:
359 ft.

RCRA-SQG:
Date form received by agency: 07/05/1991
Facility name: SELF REALIZATION FELLOWSHIP
Facility address: 3208 HUMBOLDT STREET
LOS ANGELES, CA 90031
EPA ID: CAD062071436
Mailing address: HUMBOLDT STREET
LOS ANGELES, CA 90031
Contact: HENRY RAPP
Contact address: 3208 HUMBOLDT STREET
LOS ANGELES, CA 90031
Contact country: US
Contact telephone: 213-342-0336
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported

SELF-REALIZATION FELLOWSHIP CHURCH (Continued) **1000103540**

Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: SELF REALIZATION FELLOWSHIP
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002653085

Environmental Interest/Information System
AIR EMISSIONS CLASSIFICATION UNKNOWN

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

STATE MASTER

SELF-REALIZATION FELLOWSHIP CHURCH (Continued) **1000103540**

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000103540
Registry ID: 110002653085
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002653085

I81 **SELF REALIZATION FELLOWSHIP CHURCH** **HAZMAT** **S123502172**
SSW **3208 E HUMBOLDT ST** **CERS** **N/A**
1/8-1/4 **LOS ANGELES, CA 90031**
0.127 mi.
670 ft. **Site 7 of 7 in cluster I**

Relative:
Lower

Actual:
359 ft.

LOS ANGELES HM:
Facility ID: FA0021370
Last Run Date: 01/01/2019
Status: ACTIVE

CERS TANKS:
Site ID: 152416
CERS ID: 10247947
Site Name: SELF REALIZATION FELLOWSHIP CHURCH
CERS Description: Chemical Storage Facilities

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-09-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: waste oil 55 gallons drum alcohol 55 gallons drum 55 gallons drum ink solvent roller wash 55 gallons drum compressor oil 5 gallons
Eval Division: Los Angeles City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-26-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: cers review , Cameron Smith gives lafd consent for inspection , walk through the building 55,000 square feet, no violations found, 55 gallon drums in clean place/ strapped , all have labels .
Eval Division: Los Angeles City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Affiliation:
Affiliation Type Desc: Environmental Contact
Entity Name: CAMERON SMITH
Entity Title: Not reported
Affiliation Address: 3208 HUMBOLDT ST
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90031

SELF REALIZATION FELLOWSHIP CHURCH (Continued) **S123502172**

Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	SELF-REALIZATION FELLOWSHIP CH
Entity Title:	Not reported
Affiliation Address:	3208 HUMBOLDT ST
Affiliation City:	3208 HUMBOLDT ST
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90031
Affiliation Phone:	(323) 276-6000
Affiliation Type Desc:	Parent Corporation
Entity Name:	SELF REALIZATION FELLOWSHIP CHURCH
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Operator
Entity Name:	CAMERON SMITH
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(323) 276-6000
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	3208 HUMBOLDT ST
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90031
Affiliation Phone:	Not reported
Affiliation Type Desc:	CUPA District
Entity Name:	Los Angeles City Fire Department
Entity Title:	Not reported
Affiliation Address:	200 North Main Street, Room 1780
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90012
Affiliation Phone:	(213) 978-3680

J82 **UST** **U004302200**
NE **3511 CARLOTA BLVD** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.128 mi.
676 ft. **Site 1 of 9 in cluster J**

Relative: **Lower**
Actual: **364 ft.**

LOS ANGELES UST:

Facility ID:	Not reported
Last Run Date:	01/01/1900
Status:	HISTORICAL

K83 **LOS ANGELES USD LORETO ELEM SCHOOL** **RCRA-SQG** **1000102128**
NW **3408 ARROYO SECO AVE** **FINDS** **CAD982022535**
1/8-1/4 **LOS ANGELES, CA 90065** **ECHO**
0.136 mi.
717 ft. **Site 1 of 4 in cluster K**

Relative: **Lower**
Actual: **369 ft.**

RCRA-SQG:

Date form received by agency:	08/07/1987
Facility name:	LOS ANGELES USD LORETO ELEM SCHOOL
Facility address:	3408 ARROYO SECO AVE LOS ANGELES, CA 90065
EPA ID:	CAD982022535
Mailing address:	1425 S SAN PEDRO ST ROOM 215 LOS ANGELES, CA 90015
Contact:	ENVIRONMENTAL MANAGER
Contact address:	3408 ARROYO SECO AVE LOS ANGELES, CA 90065
Contact country:	US
Contact telephone:	213-742-7371
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	415-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Municipal
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	NOT REQUIRED
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	415-555-1212
Owner/operator email:	Not reported

LOS ANGELES USD LORETO ELEM SCHOOL (Continued) **1000102128**

Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Municipal
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002779146

Environmental Interest/Information System

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000102128
Registry ID: 110002779146
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002779146

K84 **LORETO STREET ELEMENTARY SCHOOL ADDITION** **ENVIROSTOR** **S105628587**
NW **3408 ARROYO SECO AVENUE** **SCH** **N/A**
1/8-1/4 **LOS ANGELES, CA 90065**
0.136 mi.
717 ft. **Site 2 of 4 in cluster K**

Relative:
Lower

Actual:
369 ft.

ENVIROSTOR:

Name:	LORETO STREET ELEMENTARY SCHOOL ADDITION
Address:	3408 ARROYO SECO AVENUE
City,State,Zip:	LOS ANGELES, CA 90065
Facility ID:	19820057
Status:	Inactive - Withdrawn
Status Date:	09/20/2006
Site Code:	304232
Site Type:	School Investigation
Site Type Detailed:	School
Acres:	0
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Javier Hinojosa
Division Branch:	Southern California Schools & Brownfields Outreach
Assembly:	53
Senate:	30
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	School District
Latitude:	34.08674
Longitude:	-118.2163
APN:	5446019901
Past Use:	* EDUCATIONAL SERVICES
Potential COC:	NONE SPECIFIED No Contaminants found
Confirmed COC:	NONE SPECIFIED
Potential Description:	NMA
Alias Name:	LAUSD-LORETO ADDITION
Alias Type:	Alternate Name
Alias Name:	LORETO STREET ELEMENTARY SCHOOL ADDITION
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	5446019901
Alias Type:	APN
Alias Name:	304232
Alias Type:	Project Code (Site Code)
Alias Name:	19820057
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	09/20/2006
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported

LORETO STREET ELEMENTARY SCHOOL ADDITION (Continued) **S105628587**

Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

SCH:

Facility ID: 19820057
Site Type: School Investigation
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 0
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Not reported
Supervisor: Javier Hinojosa
Division Branch: Southern California Schools & Brownfields Outreach
Site Code: 304232
Assembly: 53
Senate: 30
Special Program Status: Not reported
Status: Inactive - Withdrawn
Status Date: 09/20/2006
Restricted Use: NO
Funding: School District
Latitude: 34.08674
Longitude: -118.2163
APN: 5446019901
Past Use: * EDUCATIONAL SERVICES
Potential COC: NONE SPECIFIED, No Contaminants found
Confirmed COC: NONE SPECIFIED
Potential Description: NMA
Alias Name: LAUSD-LORETO ADDITION
Alias Type: Alternate Name
Alias Name: LORETO STREET ELEMENTARY SCHOOL ADDITION
Alias Type: Alternate Name
Alias Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: 5446019901
Alias Type: APN
Alias Name: 304232
Alias Type: Project Code (Site Code)
Alias Name: 19820057
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 09/20/2006
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported

LORETO STREET ELEMENTARY SCHOOL ADDITION (Continued) **S105628587**

Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

K85 **LAUSD - LORETO STREET SCHOOL** **UST** **U004306315**
NW **3408 N ARROYO SECO AVE** **N/A**
1/8-1/4 **LOS ANGELES, CA 90065**
0.136 mi.
717 ft. **Site 3 of 4 in cluster K**

Relative: LOS ANGELES UST:
Lower
Actual:
369 ft.

Facility ID:	FA0014338
Last Run Date:	01/01/2019
Status:	INACTIVE

K86 **LAUSD - LORETO STREET SCHOOL** **HAZMAT** **S123545968**
NW **3408 N ARROYO SECO AVE** **N/A**
1/8-1/4 **LOS ANGELES, CA 90065**
0.136 mi.
717 ft. **Site 4 of 4 in cluster K**

Relative: LOS ANGELES HM:
Lower
Actual:
369 ft.

Facility ID:	FA0014338
Last Run Date:	01/01/2019
Status:	ACTIVE

L87 **SIMPLEX GRINNELL** **HAZMAT** **S123541976**
WSW **2684 E LACY ST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90031**
0.145 mi.
764 ft. **Site 1 of 2 in cluster L**

Relative: LOS ANGELES HM:
Lower
Actual:
350 ft.

Facility ID:	FA0002024
Last Run Date:	01/01/2019
Status:	ACTIVE

J88 **MR. DUNG THAI** **UST** **U003879697**
NNE **3543 PASADENA AVE** **N/A**
1/8-1/4 **LOS ANGELES, CA 90031**
0.151 mi.
795 ft. **Site 2 of 9 in cluster J**

Relative: UST:
Lower
Actual:
367 ft.

Facility ID:	23634
Permitting Agency:	LOS ANGELES, CITY OF
Latitude:	34.08691
Longitude:	-118.21257

J89 **UST** **U004302230**
NE **3550 PASADENA AVE** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.152 mi.
801 ft. **Site 3 of 9 in cluster J**

Relative: **Lower**
Actual: **366 ft.**

LOS ANGELES UST:

Facility ID:	Not reported
Last Run Date:	01/01/1900
Status:	HISTORICAL

J90 **JSL FOODS INC** **RCRA NonGen / NLR** **1024819540**
NE **3550 PASADENA AVE** **CAL000329919**
1/8-1/4 **LOS ANGELES, CA 90031**
0.152 mi.
801 ft. **Site 4 of 9 in cluster J**

Relative: **Lower**
Actual: **366 ft.**

RCRA NonGen / NLR:

Date form received by agency:	02/21/2008
Facility name:	JSL FOODS INC
Facility address:	3550 PASADENA AVE LOS ANGELES, CA 90031-1946
EPA ID:	CAL000329919
Contact:	GILBERTO ANDRADE
Contact address:	3550 PASADENA AVE LOS ANGELES, CA 90031
Contact country:	Not reported
Contact telephone:	323-223-2484
Contact email:	GANDRADE@JSLFOODS.COM
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	TEIJI KAWANA
Owner/operator address:	3550 PASADENA AVE LOS ANGELES, CA 90031
Owner/operator country:	Not reported
Owner/operator telephone:	323-855-1201
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	GILBERTO ANDRADE
Owner/operator address:	3550 PASADENA AVE LOS ANGELES, CA 90031
Owner/operator country:	Not reported
Owner/operator telephone:	323-223-2484
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

JSL FOODS INC (Continued) **1024819540**

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: Yes
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

J91 **UST** **U004302225**
NNE **3545-55 PASADENA AVE** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.152 mi.
802 ft. **Site 5 of 9 in cluster J**

Relative: LOS ANGELES UST:
Lower
Facility ID: Not reported
Actual: Last Run Date: 01/01/1900
367 ft. Status: HISTORICAL

M92 **LINE 765 RECEIVER** **RCRA-LQG** **1010562247**
WNW **CYPRESS AVE AND ARROYO SECO** **CAR000188680**
1/8-1/4 **LOS ANGELES, CA 90065**
0.167 mi.
881 ft. **Site 1 of 5 in cluster M**

Relative: RCRA-LQG:
Lower
Date form received by agency: 11/14/2007
Actual: Facility name: LINE 765 RECEIVER
366 ft. Facility address: CYPRESS AVE AND ARROYO SECO
AVE INTERSECTION OF
LOS ANGELES, CA 90065
EPA ID: CAR000188680
Mailing address: 6875 CONSOLIDATED WAY
SD 1373
SAN DIEGO, CA 92121-2602
Contact: PAT J CANNEY
Contact address: 6875 CONSOLIDATED WAY SD 1373
SAN DIEGO, CA 92121-2602
Contact country: US
Contact telephone: 858-653-3104
Contact email: PCANNEY@SEMPRAUTILITIES.COM
EPA Region: 09
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any

LINE 765 RECEIVER (Continued) **1010562247**

residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name:	CITY OF LOS ANGELES
Owner/operator address:	200 N SPRING ST
	LOS ANGELES, CA 90012
Owner/operator country:	US
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Municipal
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/1850
Owner/Op end date:	Not reported

Owner/operator name:	SOUTHERN CALIFORNIA GAS CO
Owner/operator address:	Not reported
	Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	01/01/1986
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Hazardous Waste Summary:

LINE 765 RECEIVER (Continued) **1010562247**

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D005
. Waste name: BARIUM

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D018
. Waste name: BENZENE

Violation Status: No violations found

M93 **JORDAN NUCLEAR CO.** **HAZMAT** **S123551187**
WNW **3244 N ARROYO SECO AVE** **N/A**
1/8-1/4 **LOS ANGELES, CA 90065**
0.167 mi.
884 ft. **Site 2 of 5 in cluster M**

Relative: LOS ANGELES HM:
Lower
Facility ID: FA0033593
Actual: Last Run Date: 01/01/2019
363 ft. Status: ACTIVE

J94 **FLAVOR FOODS INC.** **SWEEPS UST** **S101582723**
NE **3580 PASADENA AVE** **CA FID UST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90031**
0.168 mi.
887 ft. **Site 6 of 9 in cluster J**

Relative: SWEEPS UST:
Lower
Status: Not reported
Actual: Comp Number: 859
365 ft. Number: Not reported
Board Of Equalization: 44-011445
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-000859-000001
Tank Status: Not reported
Capacity: 9000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: 3

FLAVOR FOODS INC. (Continued) **S101582723**

Status: Not reported
Comp Number: 859
Number: Not reported
Board Of Equalization: 44-011445
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-000859-000002
Tank Status: Not reported
Capacity: 9000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 859
Number: Not reported
Board Of Equalization: 44-011445
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-000859-000003
Tank Status: Not reported
Capacity: 9000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: Not reported

CA FID UST:
Facility ID: 19001191
Regulated By: UTNKI
Regulated ID: 00007744
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 2136262211
Mail To: Not reported
Mailing Address: 3580 PASADENA AVE
Mailing Address 2: Not reported
Mailing City,St,Zip: LOS ANGELES 900310000
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Inactive

J95 **FOOD FOR LIFE** **LUST** **1000183167**
NE **3580 PASADENA AVE** **HIST UST** **N/A**
1/8-1/4 **MONTECITO HEIGHTS, CA 90031** **HIST CORTESE**
0.168 mi. **CERS**
887 ft. **Site 7 of 9 in cluster J**

Relative:
Lower

Actual:
365 ft.

LUST:

Lead Agency:	LOS ANGELES, CITY OF
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603700809
Global Id:	T0603700809
Latitude:	34.0877141
Longitude:	-118.2120943
Status:	Completed - Case Closed
Status Date:	11/17/1986
Case Worker:	EL
RB Case Number:	900310289
Local Agency:	LOS ANGELES, CITY OF
File Location:	Not reported
Local Case Number:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Aviation
Site History:	Not reported

LUST:

Global Id:	T0603700809
Contact Type:	Local Agency Caseworker
Contact Name:	ELOY LUNA
Organization Name:	LOS ANGELES, CITY OF
Address:	200 North Main Street, Suite 1780
City:	LOS ANGELES
Email:	eloy.luna@lacity.org
Phone Number:	Not reported

Global Id:	T0603700809
Contact Type:	Regional Board Caseworker
Contact Name:	YUE RONG
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4TH ST., SUITE 200
City:	Los Angeles
Email:	yrong@waterboards.ca.gov
Phone Number:	Not reported

LUST:

Global Id:	T0603700809
Action Type:	Other
Date:	10/28/1986
Action:	Leak Reported

Global Id:	T0603700809
Action Type:	ENFORCEMENT
Date:	10/28/1986
Action:	Notice to Comply

Global Id:	T0603700809
Action Type:	Other
Date:	10/28/1986
Action:	Leak Discovery

FOOD FOR LIFE (Continued) **1000183167**

Global Id: T0603700809
Action Type: Other
Date: 10/28/1986
Action: Leak Stopped

Global Id: T0603700809
Action Type: RESPONSE
Date: 11/17/1986
Action: Tank Removal Report / UST Sampling Report

LUST:
Global Id: T0603700809
Status: Completed - Case Closed
Status Date: 11/17/1986

Global Id: T0603700809
Status: Open - Case Begin Date
Status Date: 10/28/1986

Global Id: T0603700809
Status: Open - Site Assessment
Status Date: 10/28/1986

Global Id: T0603700809
Status: Open - Site Assessment
Status Date: 11/17/1986

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: 900310289
Status: Leak being confirmed
Substance: 1
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Soil
Abatement Method Used at the Site: Not reported
Global ID: T0603700809
W Global ID: Not reported
Staff: UNK
Local Agency: 19050
Cross Street: CARLOTTA
Enforcement Type: Not reported
Date Leak Discovered: 10/28/1986
Date Leak First Reported: 10/28/1986
Date Leak Record Entered: 12/31/1986
Date Confirmation Began: 10/28/1986
Date Leak Stopped: 10/28/1986
Date Case Last Changed on Database: 8/10/1987
Date the Case was Closed: Not reported
How Leak Discovered: Tank Closure
How Leak Stopped: Not reported
Cause of Leak: UNK
Leak Source: UNK

FOOD FOR LIFE (Continued) **1000183167**

Operator:	OLD CASENO WAS 000773
Water System:	Not reported
Well Name:	Not reported
Approx. Dist To Production Well (ft):	7819.6181473588979638892551165
Source of Cleanup Funding:	UNK
Preliminary Site Assessment Workplan Submitted:	Not reported
Preliminary Site Assessment Began:	Not reported
Pollution Characterization Began:	Not reported
Remediation Plan Submitted:	Not reported
Remedial Action Underway:	Not reported
Post Remedial Action Monitoring Began:	Not reported
Enforcement Action Date:	Not reported
Historical Max MTBE Date:	Not reported
Hist Max MTBE Conc in Groundwater:	Not reported
Hist Max MTBE Conc in Soil:	Not reported
Significant Interim Remedial Action Taken:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Organization:	Not reported
Owner Contact:	Not reported
Responsible Party:	FOOD FOR LIFE
RP Address:	3580 PASADENA AVE, LOS ANGELES, CA 90031
Program:	LUST
Lat/Long:	34.0877141 / -1
Local Agency Staff:	PEJ
Beneficial Use:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Suspended:	Not reported
Assigned Name:	Not reported
Summary:	Not reported

HIST UST:

File Number:	00026808
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00026808.pdf
Region:	STATE
Facility ID:	00000007744
Facility Type:	Other
Other Type:	BAKER
Contact Name:	Not reported
Telephone:	2132271985
Owner Name:	FOOD FOR LIFE BAKING CO., INC.
Owner Address:	3580 PASADENA AVE.
Owner City,St,Zip:	LOS ANGELES, CA 90031
Total Tanks:	0003
Tank Num:	001
Container Num:	001
Year Installed:	Not reported
Tank Capacity:	00009000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	002
Container Num:	02

FOOD FOR LIFE (Continued) **1000183167**

Year Installed: Not reported
Tank Capacity: 00009000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 003
Container Num: 03
Year Installed: Not reported
Tank Capacity: 00009000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Click here for Geo Tracker PDF:

HIST CORTESE:
edr_fname: FOOD FOR LIFE
edr_fadd1: 3580 PASADENA
City,State,Zip: LOS ANGELES, CA 90031
Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: 900310289

CERS TANKS:
Site ID: 243559
CERS ID: T0603700809
Site Name: FOOD FOR LIFE
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: ELOY LUNA - LOS ANGELES, CITY OF
Entity Title: Not reported
Affiliation Address: 200 North Main Street, Suite 1780
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Regional Board Caseworker
Entity Name: YUE RONG - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W. 4TH ST., SUITE 200
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

J96 **UST** **U004302239**
NE **3580 PASADENA AVE** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.168 mi.
887 ft. **Site 8 of 9 in cluster J**

Relative: LOS ANGELES UST:
Lower Facility ID: Not reported
Actual: Last Run Date: 01/01/1900
365 ft. Status: HISTORICAL

J97 **UST** **U004302226**
NE **3548 PASADENA AVE** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.176 mi.
927 ft. **Site 9 of 9 in cluster J**

Relative: LOS ANGELES UST:
Lower Facility ID: Not reported
Actual: Last Run Date: 01/01/1900
368 ft. Status: HISTORICAL

N98 **LINCOLN HEIGHTS DISTRICT HQ** **SWEEPS UST** **S101617334**
SW **3101 ARTESIAN ST** **CA FID UST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90031**
0.186 mi.
982 ft. **Site 1 of 8 in cluster N**

Relative: SWEEPS UST:
Lower Status: Active
Actual: Comp Number: 3824
357 ft. Number: 4
Board Of Equalization: Not reported
Referral Date: 01-27-93
Action Date: 04-20-94
Created Date: 02-29-88
Owner Tank Id: 3824
SWRCB Tank Id: 19-050-003824-000001
Tank Status: A
Capacity: 12000
Active Date: 01-27-93
Tank Use: PETROLEUM
STG: P
Content: REGULAR UNLE
Number Of Tanks: 2

Status: Active
Comp Number: 3824
Number: 4
Board Of Equalization: Not reported
Referral Date: 01-27-93
Action Date: 04-20-94
Created Date: 02-29-88
Owner Tank Id: 3824
SWRCB Tank Id: 19-050-003824-000002
Tank Status: A
Capacity: 5000
Active Date: 01-27-93

LINCOLN HEIGHTS DISTRICT HQ (Continued) **S101617334**

Tank Use: PETROLEUM
STG: P
Content: DIESEL
Number Of Tanks: Not reported

CA FID UST:
Facility ID: 19003053
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 2134817962
Mail To: Not reported
Mailing Address: 111 N HOPE STREET-ROOM
Mailing Address 2: Not reported
Mailing City,St,Zip: LOS ANGELES 900310000
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

N99 **LA DWP - LINCOLN HEIGHTS SERVICE CE** **UST** **U004305351**
SW **3101 E ARTESIAN ST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90031**
0.186 mi.
982 ft. **Site 2 of 8 in cluster N**

Relative: LOS ANGELES UST:
Lower
Facility ID: FA0000795
Actual: Last Run Date: 01/01/2019
357 ft. Status: ACTIVE

N100 **LINCOLN HEIGHTS SERVICE DPW** **LUST** **S103281903**
SW **3101 ARTESIAN ST** **N/A**
1/8-1/4 **MONTECITO HEIGHTS, CA 90031**
0.186 mi.
982 ft. **Site 3 of 8 in cluster N**

Relative: LUST REG 4:
Lower
Region: 4
Actual: Regional Board: 04
357 ft. County: Los Angeles
Facility Id: 900310161
Status: Case Closed
Substance: Hydrocarbons
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Groundwater
Abatement Method Used at the Site: Not reported
Global ID: T0603700797
W Global ID: Not reported
Staff: AT
Local Agency: 19050

LINCOLN HEIGHTS SERVICE DPW (Continued) **S103281903**

Cross Street:	Not reported	
Enforcement Type:	Not reported	
Date Leak Discovered:	Not reported	
Date Leak First Reported:		3/26/1991
Date Leak Record Entered:	3/28/1991	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		9/3/1997
Date the Case was Closed:		12/19/1997
How Leak Discovered:	Not reported	
How Leak Stopped:	Not reported	
Cause of Leak:	UNK	
Leak Source:	UNK	
Operator:	OLD CASE #041091-02	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		8224.626230528142600402611963
Source of Cleanup Funding:		UNK
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		Not reported
Pollution Characterization Began:		3/26/1991
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		Not reported
Post Remedial Action Monitoring Began:		Not reported
Enforcement Action Date:		Not reported
Historical Max MTBE Date:		Not reported
Hist Max MTBE Conc in Groundwater:		Not reported
Hist Max MTBE Conc in Soil:		Not reported
Significant Interim Remedial Action Taken:		Not reported
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	CITY OF LOS ANGELES DPW	
RP Address:	P.O. BOX 51111, LOS ANGELES, CA 90051-0100	
Program:	LUST	
Lat/Long:	34.0806345 / -1	
Local Agency Staff:	PEJ	
Beneficial Use:	Not reported	
Priority:	Not reported	
Cleanup Fund Id:	Not reported	
Suspended:	Not reported	
Assigned Name:	Not reported	
Summary:	10-25-91 LEAK REPORT WAS FILED.	07/07/97
	2ND QTR 1997 GW MON. RPT.	09/03/97 REQUEST
	FOR CASE CLOSURE	

N101 **P D D CONSTRUCTION MTNC** **RCRA-SQG** **1000597323**
SW **3101 ARTESIAN ST** **FINDS** **CAD983613282**
1/8-1/4 **LOS ANGELES, CA 90031** **ECHO**
0.186 mi.
982 ft. **Site 4 of 8 in cluster N**

Relative: RCRA-SQG:
Lower
Date form received by agency: 09/01/1996
Actual: Facility name: P D D CONSTRUCTION MTNC
357 ft. Facility address: 3101 ARTESIAN ST
LOS ANGELES, CA 90031

P D D CONSTRUCTION MTNC (Continued) **1000597323**

EPA ID: CAD983613282
Mailing address: N HOPE ST RM 1121
LOS ANGELES, CA 90012
Contact: Not reported
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: LA DEPT OF WATER AND POWER
Owner/operator address: 111 N HOPE ST RM 1121
LOS ANGELES, CA 90012
Owner/operator country: Not reported
Owner/operator telephone: 213-481-3250
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Municipal
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002864954

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of

P D D CONSTRUCTION MTNC (Continued) **1000597323**

events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000597323
Registry ID: 110002864954
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002864954

N102 **LA DWP - LINCOLN HEIGHTS SERVICE CE** **HAZMAT** **S123541567**
SW **3101 E ARTESIAN ST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90031**
0.186 mi.
982 ft. **Site 5 of 8 in cluster N**

Relative:
Lower

Actual:
357 ft.

LOS ANGELES HM:
Facility ID: FA0000795
Last Run Date: 01/01/2019
Status: ACTIVE

N103 **LINCOLN HEIGHTS SERVICE DPW** **LUST** **S104159588**
SW **3101 ARTESIAN ST** **CERS HAZ WASTE** **N/A**
1/8-1/4 **MONTECITO HEIGHTS, CA 90031** **HIST UST**
0.186 mi. **CERS TANKS**
982 ft. **Site 6 of 8 in cluster N** **HIST CORTESE**
CERS

Relative:
Lower

Actual:
357 ft.

LUST:
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603700797
Global Id: T0603700797
Latitude: 34.0806345
Longitude: -118.2193455
Status: Completed - Case Closed
Status Date: 12/19/1997
Case Worker: AT
RB Case Number: 900310161
Local Agency: LOS ANGELES, CITY OF
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Other Solvent or Non-Petroleum Hydrocarbon
Site History: Not reported

LUST:
Global Id: T0603700797
Contact Type: Regional Board Caseworker
Contact Name: ARMAN TOUMARI
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 WEST 4TH STREET, SUITE 200

LINCOLN HEIGHTS SERVICE DPW (Continued) **S104159588**

City: LOS ANGELES
Email: atoumari@waterboards.ca.gov
Phone Number: 2135766708

Global Id: T0603700797
Contact Type: Local Agency Caseworker
Contact Name: ELOY LUNA
Organization Name: LOS ANGELES, CITY OF
Address: 200 North Main Street, Suite 1780
City: LOS ANGELES
Email: eloy.luna@lacity.org
Phone Number: Not reported

LUST:
Global Id: T0603700797
Action Type: Other
Date: 03/26/1991
Action: Leak Reported

LUST:
Global Id: T0603700797
Status: Completed - Case Closed
Status Date: 12/19/1997

Global Id: T0603700797
Status: Open - Case Begin Date
Status Date: 03/26/1991

Global Id: T0603700797
Status: Open - Site Assessment
Status Date: 03/26/1991

CERS HAZ WASTE:
Site ID: 396612
CERS ID: 10029889
CERS Description: RCRA LQ HW Generator

Violations:
Site ID: 396612
Site Name: LINCOLN HEIGHTS SERVICE CENTER
Violation Date: 03-15-2016
Citation: 23 CCR 16 2665 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665
Violation Description: Failure to comply with one or more of the following: failure to install a spill bucket, have a functional drain valve or other method for the removal of liquid from the spill bucket/spill container, and/or be resistant to galvanic corrosion.
Violation Notes: Returned to compliance on 03/14/2018. fail on spill bucket , replace and apply for permit
Violation Division: Los Angeles City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 396612
Site Name: LINCOLN HEIGHTS SERVICE CENTER

LINCOLN HEIGHTS SERVICE DPW (Continued) **S104159588**

Violation Date:	03-16-2017
Citation:	23 CCR 16 2712 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712
Violation Description:	Failure to comply with any of the applicable requirements of the permit issued for the operation of the UST system.
Violation Notes:	Returned to compliance on 03/14/2018. OBSERVATION: Owner/Operator did not comply with all operating permit conditions. CORRECTIVE ACTION: Comply with all operating permit conditions. Submit verification. 1. Tank 2: Regular Unleaded Spill Bucket Failure. No retest found
Violation Division:	Los Angeles City Fire Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	396612
Site Name:	LINCOLN HEIGHTS SERVICE CENTER
Violation Date:	03-14-2018
Citation:	HSC 6.7 25284, 25286 - California Health and Safety Code, Chapter 6.7, Section(s) 25284, 25286
Violation Description:	Failure to submit a complete and accurate application for a permit to operate a UST, or for renewal of the permit.
Violation Notes:	Returned to compliance on 04/24/2018. OBSERVATION: FINANCIAL RESPONSIBILITY MECHANISM SELECTED IS ?SELF-INSURED? BUT LETTER FROM CFO STATES LETTER IS IN SUPPORT OF "STATE FUND" AND DOES NOT MEET THE LANGUAGE OR PROVIDE THE FINANCIAL DOCUMENTATION REQUIRED FOR ""SELF-INSURANCE" BY 40 CFR 280.953 AND 280.955. CORRECTION: UPDATE FACILITY OPERATING PERMIT APPLICATION TO SUBMIT FINANCIAL DOCUMENTATION REQUIRED FOR ""SELF-INSURANCE" BY 40 CFR 280.953 AND 280.955 OR, STATE "NO" TO ""SELF-INSURANCE" AND STATE "YES" TO "OTHER MECHANISM" WITH COMMENT OF "CFO LETTER".
Violation Division:	Los Angeles City Fire Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	396612
Site Name:	LINCOLN HEIGHTS SERVICE CENTER
Violation Date:	03-16-2017
Citation:	23 CCR 16 2712(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)
Violation Description:	Failure to maintain records of repairs, lining, and upgrades on site, or off site if approved by the CUPA, for the life of the UST.
Violation Notes:	Returned to compliance on 03/14/2018. OBSERVATION: Records of repairs, linings, and upgrades for the UST system were not found on site. These records shall be kept on site for the life of the tank. CORRECTIVE ACTION: Immediately locate and maintain these records on site and submit copies to the CUPA by [date, 30 days from now]. 1. Tank 2: Regular Unleaded Spill Bucket Failure. No retest found
Violation Division:	Los Angeles City Fire Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	396612
Site Name:	LINCOLN HEIGHTS SERVICE CENTER
Violation Date:	03-14-2018
Citation:	23 CCR 16 2632(d)(1)(c),2641(h),2711(a)(8) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2632(d)(1)(c),2641(h),2711(a)(8)
Violation Description:	Failure to submit or maintain a current facility plot plan.

LINCOLN HEIGHTS SERVICE DPW (Continued) **S104159588**

Violation Notes:	Returned to compliance on 04/24/2018. OBSERVATION: UST SITE MAP IS MISSING THE RED JACKET FX1V (87 x 2) AND FX1VD (DIESEL) MECHANICAL LINE LEAK DETECTORS IN THE STP SUMPS AND IS MISSING AN APPROXIMATE PIPING RUN. CORRECTION: UPDATE UST SITE MAP TO LIST RED JACKET FX1V (87 x 2) AND FX1VD (DIESEL) MECHANICAL LINE LEAK DETECTORS IN THE STP SUMPS AND IS MISSING AN APPROXIMATE PIPING RUN. MAINTAIN ON SITE.
Violation Division:	Los Angeles City Fire Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	396612
Site Name:	LINCOLN HEIGHTS SERVICE CENTER
Violation Date:	04-22-2016
Citation:	22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description:	Failure to maintain uniform hazardous waste manifest, consolidated manifest, or bills of lading copies for three years.
Violation Notes:	Returned to compliance on 10/05/2016. OBSERVATION: Copies of hazardous waste disposal records were not available. Hazardous waste generators shall retain copies of all manifests signed off by the disposal facility and all receipts used in a consolidated manifesting procedure for three years and have them readily available for review. CORRECTIVE ACTION: Immediately locate a copy of all manifests and receipts for the last three years, and submit copies to the CUPA.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	396612
Site Name:	LINCOLN HEIGHTS SERVICE CENTER
Violation Date:	04-22-2016
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 10/11/2016. OBSERVATION: MISSING REQUIRED LABELS/ REQUIRED INFORMATION ON FOUR 55-GALLON DRUMS AT FUEL DISPENSING STATION. All hazardous waste containers shall be marked with the following information: 1) the words ?Hazardous Waste?; 2) name and address of generator; 3) hazardous properties; 4) physical state; 5) composition (contents); 6) accumulation start date. CORRECTIVE ACTION: Immediately label these containers and ensure that all hazardous waste containers are marked with all the required information.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	396612
Site Name:	LINCOLN HEIGHTS SERVICE CENTER
Violation Date:	03-20-2013
Citation:	HSC 6.11 25404.1 - California Health and Safety Code, Chapter 6.11, Section(s) 25404.1
Violation Description:	Failure to obtain and/or maintain an active hazardous waste generator permit.

LINCOLN HEIGHTS SERVICE DPW (Continued) **S104159588**

Violation Notes: Not reported
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 03-15-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: reset date
Eval Division: Los Angeles City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-22-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Thomas Dailey, Transmission & Distribution District Supervisor
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-26-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: 05/09/2016 Changed service code 106 to 006 per Royce Long request.
Eval Division: Los Angeles City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-27-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: 05/09/2016 Changed service code 106 to 006 per Royce Long request.
Eval Division: Los Angeles City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 10-05-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-14-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: LAFD Inspector Mungaray on site this date to conduct routine inspection of underground storage tank facility. Consent to enter,

LINCOLN HEIGHTS SERVICE DPW (Continued) **S104159588**

inspect and take photographs was given on this date by ROB PFEFFERLE, CONSTRUCTION EQUIPMENT SERVICE SUPERVISOR. Monitoring system certification was conducted at this time by OCTAVIO GUTIERREZ FROM ECS. Tester provided the following certifications: ICC: 8041102-UT EXP: 03-08-18 VR: A245315 EXP: 4/16/2019 VMI: #3601 EXP: 5/18/2019 The UST monitoring panel showed all functions normal. Current monitoring setup and alarm history WERE available for review. The sumps and UDCs WERE available for inspection and the sensors WERE observed positioned to detect a leak at the earliest opportunity. The spill buckets WERE also visually inspected. The Monitoring Plan WAS compared to the equipment on site. The operation of the UST system WAS compared to the conditions of the operating permit. Property Owner: Los Angeles Department of Water and [Truncated]

Eval Division: Los Angeles City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-26-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: address is 3101, on remote and cers, cers updated , tankology jeffrey crisostomo ust icc 00216571, veeder-root #b42876
Eval Division: Los Angeles City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 03-26-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: monitor certification , pass
Eval Division: Los Angeles City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 04-24-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: NOV FOLLOW-UP FOR OUTSTANDING CERS VIOLATIONS. Confirmed previously required corrections to financial responsibility and monitoring site plan were completed 04/05/2018. On site verification and CERS review completed on March 14, 2018. CONFIRMED CORRECTIONS REQUIRED FROM PRIOR REVIEW, REJECTION AND NOTICE OF VIOLATION WERE MADE. ASSIGNED RTC (RETURNED TO COMPLIANCE) QUALIFIER ENTRIES FOR REMAINING VIOLATIONS EC/ECR. UPDATED REQUIRED UST INSPECTION SPREADSHEET ENTRIES. EMAILED RESPONSIBLE FACILITY PERSONNEL TO ADVISE OF REVIEW, ACCEPTANCE AND RTC.
Eval Division: Los Angeles City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-15-2016
Violations Found: Yes
Eval Type: Routine done by local agency

LINCOLN HEIGHTS SERVICE DPW (Continued) **S104159588**

Eval Notes:	ust book review, cers review Matt Leigh will update cers, Mat gives lafd consent for inspection , do review, icc tech octavio Gutierrez 852631,
Eval Division:	Los Angeles City Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-16-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Facility Information Date: 03 - 16 -2017 Site Address: LINCOLN HEIGHTS SERVICE CENTER 3101 Artesian St Los Angeles, CA 90031 (213) 367-0403 Property Owner Los Angeles Department of Water and Power 111 North Hope Street, Room 1050 Los Angeles, CA90012 (213) 367-0403 Environmental Contact: Arthur Johnson (213) 367-6039 arthur.johnson@ladwp.com 111 N. Hope St Los Angeles, CA 90012 Tank Operator Los Angeles Department of Water and Power 111 North Hope Street, Room 1050 Los Angeles, CA 90012 (213) 367-0403 Tank Owner Los Angeles Department of Water and Power 111 North Hope Street, Room 1050 Los Angeles, CA 90012 (213) 367-0403 Tank Owner Type Non-Government Facility Type Motor Vehicle Fueling CERS ID: 10029889 Assessor Parcel Number (APN): EPA ID: Facility ID Number: BOE#: 44031906 Inspector Pleasant LAFD, on site this date to conduct routine inspection of underground [Truncated]
Eval Division:	Los Angeles City Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-20-2013
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Inspected by A Ng, HMS II Consent by D Siewert
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	03-25-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	BP and permit in process of being compliant by Matt leigh from DWP
Eval Division:	Los Angeles City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-08-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	facility inspection , cers accepted, with site map (cers) walk through and review of chemicals , David Ramsey manager gives lafd consent for inspection / warehouse / lot
Eval Division:	Los Angeles City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS

LINCOLN HEIGHTS SERVICE DPW (Continued) **S104159588**

Eval General Type: Other/Unknown
Eval Date: 08-28-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: 3101 E ARTESIAN ST REVIEWED UST ARCHIVE, RECEIVED ANNUAL MONITORING SYSTEM CERTIFICATION & SPILL BUCKET RESULTS FOR TESTING CONDUCTED ON 3-16-2017 BY OCTAVIO GUTIERREZ WITH ECS. CONFIRMED RESULTS WERE REQUESTED, RECEIVED, SCANNED/DOWNLOADED AND/OR ATTACHED IN ENVISION.
Eval Division: Los Angeles City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-26-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: The address is under 3101, cers is up to date , tanknology tech jeffrey Crisostomo ust icc 00216571, veeder-root #b42876,
Eval Division: Los Angeles City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 04-26-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: REVIEWED RECEIVED ANNUAL MONITORING SYSTEM CERTIFICATION & SPILL BUCKET RESULTS FOR TESTING CONDUCTED ON 03-14-18 BY OCTAVIO GUTIERREZ FROM ECS. CONFIRMED RESULTS WERE RECEIVED, SCANNED/DOWNLOADED AND ATTACHED IN ENVISION. NO FAILURES NOTED ON REPORT.
Eval Division: Los Angeles City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 10-06-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Coordinates:
Site ID: 396612
Facility Name: LINCOLN HEIGHTS SERVICE CENTER
Env Int Type Code: HMBP
Program ID: 10029889
Coord Name: Not reported
Ref Point Type Desc: Unknown
Latitude: 34.080746
Longitude: -118.218981

Affiliation:
Affiliation Type Desc: Parent Corporation
Entity Name: Los Angeles Department of Water and Power

LINCOLN HEIGHTS SERVICE DPW (Continued) **S104159588**

Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	UST Tank Owner
Entity Name:	Los Angeles Department of Water and Power
Entity Title:	Not reported
Affiliation Address:	111 North Hope Street, Room 1050
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90012
Affiliation Phone:	(213) 367-0403
Affiliation Type Desc:	CUPA District
Entity Name:	Los Angeles City Fire Department
Entity Title:	Not reported
Affiliation Address:	200 North Main Street, Room 1780
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90012
Affiliation Phone:	(213) 978-3680
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	111 North Hope Street, Room 1050
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90012
Affiliation Phone:	Not reported
Affiliation Type Desc:	Operator
Entity Name:	Los Angeles Department of Water and Power
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(213) 367-0403
Affiliation Type Desc:	Legal Owner
Entity Name:	Los Angeles Department of Water and Power
Entity Title:	Not reported
Affiliation Address:	111 North Hope Street, Room 1050
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90012
Affiliation Phone:	(213) 367-0403

LINCOLN HEIGHTS SERVICE DPW (Continued) **S104159588**

Affiliation Type Desc:	Property Owner
Entity Name:	Los Angeles Department of Water and Power
Entity Title:	Not reported
Affiliation Address:	111 North Hope Street, Room 1050
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90012
Affiliation Phone:	(213) 367-0403

Affiliation Type Desc:	Environmental Contact
Entity Name:	Jennifer Madden
Entity Title:	Not reported
Affiliation Address:	111 N. Hope St
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90012
Affiliation Phone:	Not reported

Affiliation Type Desc:	UST Permit Applicant
Entity Name:	Jennifer Madden
Entity Title:	Environmental Affairs Officer
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(213) 367-0407

Affiliation Type Desc:	UST Property Owner Name
Entity Name:	Los Angeles Department of Water and Power
Entity Title:	Not reported
Affiliation Address:	111 North Hope Street, Room 1050
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90012
Affiliation Phone:	(213) 367-0403

Affiliation Type Desc:	UST Tank Operator
Entity Name:	Los Angeles Department of Water and Power
Entity Title:	Not reported
Affiliation Address:	111 North Hope Street, Room 1050
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90012
Affiliation Phone:	(213) 367-0403

Site ID:	396612
CERS ID:	10029889
CERS Description:	Hazardous Waste Generator

Violations:

Site ID:	396612
Site Name:	LINCOLN HEIGHTS SERVICE CENTER

LINCOLN HEIGHTS SERVICE DPW (Continued) **S104159588**

Violation Date:	03-15-2016
Citation:	23 CCR 16 2665 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665
Violation Description:	Failure to comply with one or more of the following: failure to install a spill bucket, have a functional drain valve or other method for the removal of liquid from the spill bucket/spill container, and/or be resistant to galvanic corrosion.
Violation Notes:	Returned to compliance on 03/14/2018. fail on spill bucket , replace and apply for permit
Violation Division:	Los Angeles City Fire Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	396612
Site Name:	LINCOLN HEIGHTS SERVICE CENTER
Violation Date:	03-16-2017
Citation:	23 CCR 16 2712 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712
Violation Description:	Failure to comply with any of the applicable requirements of the permit issued for the operation of the UST system.
Violation Notes:	Returned to compliance on 03/14/2018. OBSERVATION: Owner/Operator did not comply with all operating permit conditions. CORRECTIVE ACTION: Comply with all operating permit conditions. Submit verification. 1. Tank 2: Regular Unleaded Spill Bucket Failure. No retest found
Violation Division:	Los Angeles City Fire Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	396612
Site Name:	LINCOLN HEIGHTS SERVICE CENTER
Violation Date:	03-14-2018
Citation:	HSC 6.7 25284, 25286 - California Health and Safety Code, Chapter 6.7, Section(s) 25284, 25286
Violation Description:	Failure to submit a complete and accurate application for a permit to operate a UST, or for renewal of the permit.
Violation Notes:	Returned to compliance on 04/24/2018. OBSERVATION: FINANCIAL RESPONSIBILITY MECHANISM SELECTED IS ?SELF-INSURED? BUT LETTER FROM CFO STATES LETTER IS IN SUPPORT OF "STATE FUND" AND DOES NOT MEET THE LANGUAGE OR PROVIDE THE FINANCIAL DOCUMENTATION REQUIRED FOR ""SELF-INSURANCE" BY 40 CFR 280.953 AND 280.955. CORRECTION: UPDATE FACILITY OPERATING PERMIT APPLICATION TO SUBMIT FINANCIAL DOCUMENTATION REQUIRED FOR ""SELF-INSURANCE" BY 40 CFR 280.953 AND 280.955 OR, STATE "NO" TO ""SELF-INSURANCE" AND STATE "YES" TO "OTHER MECHANISM" WITH COMMENT OF "CFO LETTER".
Violation Division:	Los Angeles City Fire Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	396612
Site Name:	LINCOLN HEIGHTS SERVICE CENTER
Violation Date:	03-16-2017
Citation:	23 CCR 16 2712(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)
Violation Description:	Failure to maintain records of repairs, lining, and upgrades on site, or off site if approved by the CUPA, for the life of the UST.
Violation Notes:	Returned to compliance on 03/14/2018. OBSERVATION: Records of repairs, linings, and upgrades for the UST system were not found on site. These

LINCOLN HEIGHTS SERVICE DPW (Continued) **S104159588**

records shall be kept on site for the life of the tank. CORRECTIVE ACTION: Immediately locate and maintain these records on site and submit copies to the CUPA by [date, 30 days from now]. 1. Tank 2: Regular Unleaded Spill Bucket Failure. No retest found

Violation Division: Los Angeles City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 396612
Site Name: LINCOLN HEIGHTS SERVICE CENTER
Violation Date: 03-14-2018
Citation: 23 CCR 16 2632(d)(1)(c),2641(h),2711(a)(8) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2632(d)(1)(c),2641(h),2711(a)(8)
Violation Description: Failure to submit or maintain a current facility plot plan.
Violation Notes: Returned to compliance on 04/24/2018. OBSERVATION: UST SITE MAP IS MISSING THE RED JACKET FX1V (87 x 2) AND FX1VD (DIESEL) MECHANICAL LINE LEAK DETECTORS IN THE STP SUMPS AND IS MISSING AN APPROXIMATE PIPING RUN. CORRECTION: UPDATE UST SITE MAP TO LIST RED JACKET FX1V (87 x 2) AND FX1VD (DIESEL) MECHANICAL LINE LEAK DETECTORS IN THE STP SUMPS AND IS MISSING AN APPROXIMATE PIPING RUN. MAINTAIN ON SITE.
Violation Division: Los Angeles City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 396612
Site Name: LINCOLN HEIGHTS SERVICE CENTER
Violation Date: 04-22-2016
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description: Failure to maintain uniform hazardous waste manifest, consolidated manifest, or bills of lading copies for three years.
Violation Notes: Returned to compliance on 10/05/2016. OBSERVATION: Copies of hazardous waste disposal records were not available. Hazardous waste generators shall retain copies of all manifests signed off by the disposal facility and all receipts used in a consolidated manifesting procedure for three years and have them readily available for review. CORRECTIVE ACTION: Immediately locate a copy of all manifests and receipts for the last three years, and submit copies to the CUPA.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 396612
Site Name: LINCOLN HEIGHTS SERVICE CENTER
Violation Date: 04-22-2016
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 10/11/2016. OBSERVATION: MISSING REQUIRED LABELS/ REQUIRED INFORMATION ON FOUR 55-GALLON DRUMS AT FUEL DISPENSING STATION. All hazardous waste containers shall be marked with the following information: 1) the words ?Hazardous Waste?; 2) name and address of generator; 3) hazardous properties; 4) physical

LINCOLN HEIGHTS SERVICE DPW (Continued) **S104159588**

state; 5) composition (contents); 6) accumulation start date.
CORRECTIVE ACTION: Immediately label these containers and ensure that all hazardous waste containers are marked with all the required information.

Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 396612
Site Name: LINCOLN HEIGHTS SERVICE CENTER
Violation Date: 03-20-2013
Citation: HSC 6.11 25404.1 - California Health and Safety Code, Chapter 6.11, Section(s) 25404.1
Violation Description: Failure to obtain and/or maintain an active hazardous waste generator permit.
Violation Notes: Not reported
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 03-15-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: reset date
Eval Division: Los Angeles City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-22-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Thomas Dailey, Transmission & Distribution District Supervisor
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-26-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: 05/09/2016 Changed service code 106 to 006 per Royce Long request.
Eval Division: Los Angeles City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-27-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: 05/09/2016 Changed service code 106 to 006 per Royce Long request.
Eval Division: Los Angeles City Fire Department
Eval Program: UST
Eval Source: CERS

LINCOLN HEIGHTS SERVICE DPW (Continued) **S104159588**

Eval General Type:	Other/Unknown
Eval Date:	10-05-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-14-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	LAFD Inspector Mungaray on site this date to conduct routine inspection of underground storage tank facility. Consent to enter, inspect and take photographs was given on this date by ROB PFEFFERLE, CONSTRUCTION EQUIPMENT SERVICE SUPERVISOR. Monitoring system certification was conducted at this time by OCTAVIO GUTIERREZ FROM ECS. Tester provided the following certifications: ICC: 8041102-UT EXP: 03-08-18 VR: A245315 EXP: 4/16/2019 VMI: #3601 EXP: 5/18/2019 The UST monitoring panel showed all functions normal. Current monitoring setup and alarm history WERE available for review. The sumps and UDCs WERE available for inspection and the sensors WERE observed positioned to detect a leak at the earliest opportunity. The spill buckets WERE also visually inspected. The Monitoring Plan WAS compared to the equipment on site. The operation of the UST system WAS compared to the conditions of the operating permit. Property Owner: Los Angeles Department of Water and [Truncated]
Eval Division:	Los Angeles City Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-26-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	address is 3101, on remote and cers, cers updated , tankology jeffrey crisostomo ust icc 00216571, veeder-root #b42876
Eval Division:	Los Angeles City Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	03-26-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	monitor certification , pass
Eval Division:	Los Angeles City Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	04-24-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	NOV FOLLOW-UP FOR OUTSTANDING CERS VIOLATIONS. Confirmed previously required corrections to financial responsibility and monitoring site

LINCOLN HEIGHTS SERVICE DPW (Continued) **S104159588**

plan were completed 04/05/2018. On site verification and CERS review completed on March 14, 2018. CONFIRMED CORRECTIONS REQUIRED FROM PRIOR REVIEW, REJECTION AND NOTICE OF VIOLATION WERE MADE. ASSIGNED RTC (RETURNED TO COMPLIANCE) QUALIFIER ENTRIES FOR REMAINING VIOLATIONS EC/ECR. UPDATED REQUIRED UST INSPECTION SPREADSHEET ENTRIES. EMAILED RESPONSIBLE FACILITY PERSONNEL TO ADVISE OF REVIEW, ACCEPTANCE AND RTC.

Eval Division: Los Angeles City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-15-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: ust book review, cers review Matt Leigh will update cers, Mat gives lafd consent for inspection , do review, icc tech octavio Gutierrez 852631,
Eval Division: Los Angeles City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-16-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Facility Information Date: 03 - 16 -2017 Site Address: LINCOLN HEIGHTS SERVICE CENTER 3101 Artesian St Los Angeles, CA 90031 (213) 367-0403 Property Owner Los Angeles Department of Water and Power 111 North Hope Street, Room 1050 Los Angeles, CA90012 (213) 367-0403 Environmental Contact: Arthur Johnson (213) 367-6039 arthur.johnson@ladwp.com 111 N. Hope St Los Angeles, CA 90012 Tank Operator Los Angeles Department of Water and Power 111 North Hope Street, Room 1050 Los Angeles, CA 90012 (213) 367-0403 Tank Owner Los Angeles Department of Water and Power 111 North Hope Street, Room 1050 Los Angeles, CA 90012 (213) 367-0403 Tank Owner Type Non-Government Facility Type Motor Vehicle Fueling CERS ID: 10029889 Assessor Parcel Number (APN): EPA ID: Facility ID Number: BOE#: 44031906 Inspector Pleasant LAFD, on site this date to conduct routine inspection of underground [Truncated]
Eval Division: Los Angeles City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-20-2013
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspected by A Ng, HMS II Consent by D Siewert
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 03-25-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency

LINCOLN HEIGHTS SERVICE DPW (Continued) **S104159588**

Eval Notes:	BP and permit in process of being compliant by Matt leigh from DWP
Eval Division:	Los Angeles City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-08-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	facility inspection , cers accepted, with site map (cers) walk through and review of chemicals , David Ramsey manager gives lafd consent for inspection / warehouse / lot
Eval Division:	Los Angeles City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	08-28-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	3101 E ARTESIAN ST REVIEWED UST ARCHIVE, RECEIVED ANNUAL MONITORING SYSTEM CERTIFICATION & SPILL BUCKET RESULTS FOR TESTING CONDUCTED ON 3-16-2017 BY OCTAVIO GUTIERREZ WITH ECS. CONFIRMED RESULTS WERE REQUESTED, RECEIVED, SCANNED/DOWNLOADED AND/OR ATTACHED IN ENVISION.
Eval Division:	Los Angeles City Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-26-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	The address is under 3101, cers is up to date , tanknology tech jeffrey Crisostomo ust icc 00216571, veeder-root #b42876,
Eval Division:	Los Angeles City Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	04-26-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	REVIEWED RECEIVED ANNUAL MONITORING SYSTEM CERTIFICATION & SPILL BUCKET RESULTS FOR TESTING CONDUCTED ON 03-14-18 BY OCTAVIO GUTIERREZ FROM ECS. CONFIRMED RESULTS WERE RECEIVED, SCANNED/DOWNLOADED AND ATTACHED IN ENVISION. NO FAILURES NOTED ON REPORT.
Eval Division:	Los Angeles City Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	10-06-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW

LINCOLN HEIGHTS SERVICE DPW (Continued) **S104159588**

Eval Source: CERS

Coordinates:
Site ID: 396612
Facility Name: LINCOLN HEIGHTS SERVICE CENTER
Env Int Type Code: HMBP
Program ID: 10029889
Coord Name: Not reported
Ref Point Type Desc: Unknown
Latitude: 34.080746
Longitude: -118.218981

Affiliation:
Affiliation Type Desc: Parent Corporation
Entity Name: Los Angeles Department of Water and Power
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: UST Tank Owner
Entity Name: Los Angeles Department of Water and Power
Entity Title: Not reported
Affiliation Address: 111 North Hope Street, Room 1050
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 90012
Affiliation Phone: (213) 367-0403

Affiliation Type Desc: CUPA District
Entity Name: Los Angeles City Fire Department
Entity Title: Not reported
Affiliation Address: 200 North Main Street, Room 1780
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90012
Affiliation Phone: (213) 978-3680

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 111 North Hope Street, Room 1050
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90012
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: Los Angeles Department of Water and Power
Entity Title: Not reported

LINCOLN HEIGHTS SERVICE DPW (Continued) **S104159588**

Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(213) 367-0403

Affiliation Type Desc:	Legal Owner
Entity Name:	Los Angeles Department of Water and Power
Entity Title:	Not reported
Affiliation Address:	111 North Hope Street, Room 1050
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90012
Affiliation Phone:	(213) 367-0403

Affiliation Type Desc:	Property Owner
Entity Name:	Los Angeles Department of Water and Power
Entity Title:	Not reported
Affiliation Address:	111 North Hope Street, Room 1050
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90012
Affiliation Phone:	(213) 367-0403

Affiliation Type Desc:	Environmental Contact
Entity Name:	Jennifer Madden
Entity Title:	Not reported
Affiliation Address:	111 N. Hope St
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90012
Affiliation Phone:	Not reported

Affiliation Type Desc:	UST Permit Applicant
Entity Name:	Jennifer Madden
Entity Title:	Environmental Affairs Officer
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(213) 367-0407

Affiliation Type Desc:	UST Property Owner Name
Entity Name:	Los Angeles Department of Water and Power
Entity Title:	Not reported
Affiliation Address:	111 North Hope Street, Room 1050
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90012
Affiliation Phone:	(213) 367-0403

LINCOLN HEIGHTS SERVICE DPW (Continued) **S104159588**

Affiliation Type Desc:	UST Tank Operator
Entity Name:	Los Angeles Department of Water and Power
Entity Title:	Not reported
Affiliation Address:	111 North Hope Street, Room 1050
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90012
Affiliation Phone:	(213) 367-0403

HIST UST:

File Number:	0002760A
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002760A.pdf
Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Total Tanks:	Not reported
Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Click here for Geo Tracker PDF:

CERS TANKS:

Facility Name:	LINCOLN HEIGHTS SERVICE CENTER
Site ID:	396612
CERS ID:	10029889
CERS Description:	Underground Storage Tank

Violations:

Site ID:	396612
Site Name:	LINCOLN HEIGHTS SERVICE CENTER
Violation Date:	03-15-2016
Citation:	23 CCR 16 2665 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665
Violation Description:	Failure to comply with one or more of the following: failure to install a spill bucket, have a functional drain valve or other method for the removal of liquid from the spill bucket/spill container, and/or be resistant to galvanic corrosion.
Violation Notes:	Returned to compliance on 03/14/2018. fail on spill bucket , replace and apply for permit
Violation Division:	Los Angeles City Fire Department
Violation Program:	UST
Violation Source:	CERS

LINCOLN HEIGHTS SERVICE DPW (Continued) **S104159588**

Site ID:	396612
Site Name:	LINCOLN HEIGHTS SERVICE CENTER
Violation Date:	03-16-2017
Citation:	23 CCR 16 2712 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712
Violation Description:	Failure to comply with any of the applicable requirements of the permit issued for the operation of the UST system.
Violation Notes:	Returned to compliance on 03/14/2018. OBSERVATION: Owner/Operator did not comply with all operating permit conditions. CORRECTIVE ACTION: Comply with all operating permit conditions. Submit verification. 1. Tank 2: Regular Unleaded Spill Bucket Failure. No retest found
Violation Division:	Los Angeles City Fire Department
Violation Program:	UST
Violation Source:	CERS

Site ID:	396612
Site Name:	LINCOLN HEIGHTS SERVICE CENTER
Violation Date:	03-14-2018
Citation:	HSC 6.7 25284, 25286 - California Health and Safety Code, Chapter 6.7, Section(s) 25284, 25286
Violation Description:	Failure to submit a complete and accurate application for a permit to operate a UST, or for renewal of the permit.
Violation Notes:	Returned to compliance on 04/24/2018. OBSERVATION: FINANCIAL RESPONSIBILITY MECHANISM SELECTED IS ?SELF-INSURED? BUT LETTER FROM CFO STATES LETTER IS IN SUPPORT OF "STATE FUND" AND DOES NOT MEET THE LANGUAGE OR PROVIDE THE FINANCIAL DOCUMENTATION REQUIRED FOR ""SELF-INSURANCE" BY 40 CFR 280.953 AND 280.955. CORRECTION: UPDATE FACILITY OPERATING PERMIT APPLICATION TO SUBMIT FINANCIAL DOCUMENTATION REQUIRED FOR ""SELF-INSURANCE" BY 40 CFR 280.953 AND 280.955 OR, STATE "NO" TO ""SELF-INSURANCE" AND STATE "YES" TO "OTHER MECHANISM" WITH COMMENT OF "CFO LETTER".
Violation Division:	Los Angeles City Fire Department
Violation Program:	UST
Violation Source:	CERS

Site ID:	396612
Site Name:	LINCOLN HEIGHTS SERVICE CENTER
Violation Date:	03-16-2017
Citation:	23 CCR 16 2712(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)
Violation Description:	Failure to maintain records of repairs, lining, and upgrades on site, or off site if approved by the CUPA, for the life of the UST.
Violation Notes:	Returned to compliance on 03/14/2018. OBSERVATION: Records of repairs, linings, and upgrades for the UST system were not found on site. These records shall be kept on site for the life of the tank. CORRECTIVE ACTION: Immediately locate and maintain these records on site and submit copies to the CUPA by [date, 30 days from now]. 1. Tank 2: Regular Unleaded Spill Bucket Failure. No retest found
Violation Division:	Los Angeles City Fire Department
Violation Program:	UST
Violation Source:	CERS

Site ID:	396612
Site Name:	LINCOLN HEIGHTS SERVICE CENTER
Violation Date:	03-14-2018
Citation:	23 CCR 16 2632(d)(1)(c),2641(h),2711(a)(8) - California Code of Regulations, Title 23, Chapter 16, Section(s)

LINCOLN HEIGHTS SERVICE DPW (Continued) **S104159588**

2632(d)(1)(c),2641(h),2711(a)(8)
Violation Description: Failure to submit or maintain a current facility plot plan.
Violation Notes: Returned to compliance on 04/24/2018. OBSERVATION: UST SITE MAP IS MISSING THE RED JACKET FX1V (87 x 2) AND FX1VD (DIESEL) MECHANICAL LINE LEAK DETECTORS IN THE STP SUMPS AND IS MISSING AN APPROXIMATE PIPING RUN. CORRECTION: UPDATE UST SITE MAP TO LIST RED JACKET FX1V (87 x 2) AND FX1VD (DIESEL) MECHANICAL LINE LEAK DETECTORS IN THE STP SUMPS AND IS MISSING AN APPROXIMATE PIPING RUN. MAINTAIN ON SITE.
Violation Division: Los Angeles City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 396612
Site Name: LINCOLN HEIGHTS SERVICE CENTER
Violation Date: 04-22-2016
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description: Failure to maintain uniform hazardous waste manifest, consolidated manifest, or bills of lading copies for three years.
Violation Notes: Returned to compliance on 10/05/2016. OBSERVATION: Copies of hazardous waste disposal records were not available. Hazardous waste generators shall retain copies of all manifests signed off by the disposal facility and all receipts used in a consolidated manifesting procedure for three years and have them readily available for review. CORRECTIVE ACTION: Immediately locate a copy of all manifests and receipts for the last three years, and submit copies to the CUPA.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 396612
Site Name: LINCOLN HEIGHTS SERVICE CENTER
Violation Date: 04-22-2016
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 10/11/2016. OBSERVATION: MISSING REQUIRED LABELS/ REQUIRED INFORMATION ON FOUR 55-GALLON DRUMS AT FUEL DISPENSING STATION. All hazardous waste containers shall be marked with the following information: 1) the words ?Hazardous Waste?; 2) name and address of generator; 3) hazardous properties; 4) physical state; 5) composition (contents); 6) accumulation start date. CORRECTIVE ACTION: Immediately label these containers and ensure that all hazardous waste containers are marked with all the required information.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 396612
Site Name: LINCOLN HEIGHTS SERVICE CENTER
Violation Date: 03-20-2013
Citation: HSC 6.11 25404.1 - California Health and Safety Code, Chapter 6.11, Section(s) 25404.1

LINCOLN HEIGHTS SERVICE DPW (Continued) **S104159588**

Violation Description: Failure to obtain and/or maintain an active hazardous waste generator permit.
Violation Notes: Not reported
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 03-15-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: reset date
Eval Division: Los Angeles City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-22-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Thomas Dailey, Transmission & Distribution District Supervisor
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-26-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: 05/09/2016 Changed service code 106 to 006 per Royce Long request.
Eval Division: Los Angeles City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-27-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: 05/09/2016 Changed service code 106 to 006 per Royce Long request.
Eval Division: Los Angeles City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 10-05-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-14-2018
Violations Found: Yes
Eval Type: Routine done by local agency

LINCOLN HEIGHTS SERVICE DPW (Continued) **S104159588**

Eval Notes:	LAFD Inspector Mungaray on site this date to conduct routine inspection of underground storage tank facility. Consent to enter, inspect and take photographs was given on this date by ROB PFEFFERLE, CONSTRUCTION EQUIPMENT SERVICE SUPERVISOR. Monitoring system certification was conducted at this time by OCTAVIO GUTIERREZ FROM ECS. Tester provided the following certifications: ICC: 8041102-UT EXP: 03-08-18 VR: A245315 EXP: 4/16/2019 VMI: #3601 EXP: 5/18/2019 The UST monitoring panel showed all functions normal. Current monitoring setup and alarm history WERE available for review. The sumps and UDCs WERE available for inspection and the sensors WERE observed positioned to detect a leak at the earliest opportunity. The spill buckets WERE also visually inspected. The Monitoring Plan WAS compared to the equipment on site. The operation of the UST system WAS compared to the conditions of the operating permit. Property Owner: Los Angeles Department of Water and [Truncated]
Eval Division:	Los Angeles City Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-26-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	address is 3101, on remote and cers, cers updated , tankology jeffrey crisostomo ust icc 00216571, veeder-root #b42876
Eval Division:	Los Angeles City Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	03-26-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	monitor certification , pass
Eval Division:	Los Angeles City Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	04-24-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	NOV FOLLOW-UP FOR OUTSTANDING CERS VIOLATIONS. Confirmed previously required corrections to financial responsibility and monitoring site plan were completed 04/05/2018. On site verification and CERS review completed on March 14, 2018. CONFIRMED CORRECTIONS REQUIRED FROM PRIOR REVIEW, REJECTION AND NOTICE OF VIOLATION WERE MADE. ASSIGNED RTC (RETURNED TO COMPLIANCE) QUALIFIER ENTRIES FOR REMAINING VIOLATIONS EC/ECR. UPDATED REQUIRED UST INSPECTION SPREADSHEET ENTRIES. EMAILED RESPONSIBLE FACILITY PERSONNEL TO ADVISE OF REVIEW, ACCEPTANCE AND RTC.
Eval Division:	Los Angeles City Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-15-2016

LINCOLN HEIGHTS SERVICE DPW (Continued) **S104159588**

Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	ust book review, cers review Matt Leigh will update cers, Mat gives lafd consent for inspection , do review, icc tech octavio Gutierrez 852631,
Eval Division:	Los Angeles City Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-16-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Facility Information Date: 03 - 16 -2017 Site Address: LINCOLN HEIGHTS SERVICE CENTER 3101 Artesian St Los Angeles, CA 90031 (213) 367-0403 Property Owner Los Angeles Department of Water and Power 111 North Hope Street, Room 1050 Los Angeles, CA90012 (213) 367-0403 Environmental Contact: Arthur Johnson (213) 367-6039 arthur.johnson@ladwp.com 111 N. Hope St Los Angeles, CA 90012 Tank Operator Los Angeles Department of Water and Power 111 North Hope Street, Room 1050 Los Angeles, CA 90012 (213) 367-0403 Tank Owner Los Angeles Department of Water and Power 111 North Hope Street, Room 1050 Los Angeles, CA 90012 (213) 367-0403 Tank Owner Type Non-Government Facility Type Motor Vehicle Fueling CERS ID: 10029889 Assessor Parcel Number (APN): EPA ID: Facility ID Number: BOE#: 44031906 Inspector Pleasant LAFD, on site this date to conduct routine inspection of underground [Truncated]
Eval Division:	Los Angeles City Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-20-2013
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Inspected by A Ng, HMS II Consent by D Siewert
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	03-25-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	BP and permit in process of being compliant by Matt leigh from DWP
Eval Division:	Los Angeles City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-08-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	facility inspection , cers accepted, with site map (cers) walk through and review of chemicals , David Ramsey manager gives lafd consent for inspection / warehouse / lot
Eval Division:	Los Angeles City Fire Department

LINCOLN HEIGHTS SERVICE DPW (Continued) **S104159588**

Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	08-28-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	3101 E ARTESIAN ST REVIEWED UST ARCHIVE, RECEIVED ANNUAL MONITORING SYSTEM CERTIFICATION & SPILL BUCKET RESULTS FOR TESTING CONDUCTED ON 3-16-2017 BY OCTAVIO GUTIERREZ WITH ECS. CONFIRMED RESULTS WERE REQUESTED, RECEIVED, SCANNED/DOWNLOADED AND/OR ATTACHED IN ENVISION.
Eval Division:	Los Angeles City Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-26-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	The address is under 3101, cers is up to date , tanknology tech jeffrey Crisostomo ust icc 00216571, veeder-root #b42876,
Eval Division:	Los Angeles City Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	04-26-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	REVIEWED RECEIVED ANNUAL MONITORING SYSTEM CERTIFICATION & SPILL BUCKET RESULTS FOR TESTING CONDUCTED ON 03-14-18 BY OCTAVIO GUTIERREZ FROM ECS. CONFIRMED RESULTS WERE RECEIVED, SCANNED/DOWNLOADED AND ATTACHED IN ENVISION. NO FAILURES NOTED ON REPORT.
Eval Division:	Los Angeles City Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	10-06-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS

Coordinates:

Site ID:	396612
Facility Name:	LINCOLN HEIGHTS SERVICE CENTER
Env Int Type Code:	HMBP
Program ID:	10029889
Coord Name:	Not reported
Ref Point Type Desc:	Unknown
Latitude:	34.080746
Longitude:	-118.218981

LINCOLN HEIGHTS SERVICE DPW (Continued) **S104159588**

Affiliation:

Affiliation Type Desc:	Parent Corporation
Entity Name:	Los Angeles Department of Water and Power
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	UST Tank Owner
Entity Name:	Los Angeles Department of Water and Power
Entity Title:	Not reported
Affiliation Address:	111 North Hope Street, Room 1050
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90012
Affiliation Phone:	(213) 367-0403

Affiliation Type Desc:	CUPA District
Entity Name:	Los Angeles City Fire Department
Entity Title:	Not reported
Affiliation Address:	200 North Main Street, Room 1780
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90012
Affiliation Phone:	(213) 978-3680

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	111 North Hope Street, Room 1050
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90012
Affiliation Phone:	Not reported

Affiliation Type Desc:	Operator
Entity Name:	Los Angeles Department of Water and Power
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(213) 367-0403

Affiliation Type Desc:	Legal Owner
Entity Name:	Los Angeles Department of Water and Power
Entity Title:	Not reported
Affiliation Address:	111 North Hope Street, Room 1050
Affiliation City:	Los Angeles
Affiliation State:	CA

LINCOLN HEIGHTS SERVICE DPW (Continued) **S104159588**

Affiliation Country: United States
Affiliation Zip: 90012
Affiliation Phone: (213) 367-0403

Affiliation Type Desc: Property Owner
Entity Name: Los Angeles Department of Water and Power
Entity Title: Not reported
Affiliation Address: 111 North Hope Street, Room 1050
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 90012
Affiliation Phone: (213) 367-0403

Affiliation Type Desc: Environmental Contact
Entity Name: Jennifer Madden
Entity Title: Not reported
Affiliation Address: 111 N. Hope St
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90012
Affiliation Phone: Not reported

Affiliation Type Desc: UST Permit Applicant
Entity Name: Jennifer Madden
Entity Title: Environmental Affairs Officer
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (213) 367-0407

Affiliation Type Desc: UST Property Owner Name
Entity Name: Los Angeles Department of Water and Power
Entity Title: Not reported
Affiliation Address: 111 North Hope Street, Room 1050
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 90012
Affiliation Phone: (213) 367-0403

Affiliation Type Desc: UST Tank Operator
Entity Name: Los Angeles Department of Water and Power
Entity Title: Not reported
Affiliation Address: 111 North Hope Street, Room 1050
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 90012
Affiliation Phone: (213) 367-0403

HIST CORTESE:
edr_fname: LINCOLN HEIGHTS SERVICE D

LINCOLN HEIGHTS SERVICE DPW (Continued) **S104159588**

edr_fadd1: 3101 ARTESIAN
City,State,Zip: LOS ANGELES, CA 90031
Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: 900310161

CERS TANKS:
Site ID: 396612
CERS ID: 10029889
Site Name: LINCOLN HEIGHTS SERVICE CENTER
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 396612
Site Name: LINCOLN HEIGHTS SERVICE CENTER
Violation Date: 03-15-2016
Citation: 23 CCR 16 2665 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665
Violation Description: Failure to comply with one or more of the following: failure to install a spill bucket, have a functional drain valve or other method for the removal of liquid from the spill bucket/spill container, and/or be resistant to galvanic corrosion.
Violation Notes: Returned to compliance on 03/14/2018. fail on spill bucket , replace and apply for permit
Violation Division: Los Angeles City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 396612
Site Name: LINCOLN HEIGHTS SERVICE CENTER
Violation Date: 03-16-2017
Citation: 23 CCR 16 2712 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712
Violation Description: Failure to comply with any of the applicable requirements of the permit issued for the operation of the UST system.
Violation Notes: Returned to compliance on 03/14/2018. OBSERVATION: Owner/Operator did not comply with all operating permit conditions. CORRECTIVE ACTION: Comply with all operating permit conditions. Submit verification. 1. Tank 2: Regular Unleaded Spill Bucket Failure. No retest found
Violation Division: Los Angeles City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 396612
Site Name: LINCOLN HEIGHTS SERVICE CENTER
Violation Date: 03-14-2018
Citation: HSC 6.7 25284, 25286 - California Health and Safety Code, Chapter 6.7, Section(s) 25284, 25286
Violation Description: Failure to submit a complete and accurate application for a permit to operate a UST, or for renewal of the permit.
Violation Notes: Returned to compliance on 04/24/2018. OBSERVATION: FINANCIAL RESPONSIBILITY MECHANISM SELECTED IS ?SELF-INSURED? BUT LETTER FROM CFO STATES LETTER IS IN SUPPORT OF "STATE FUND" AND DOES NOT MEET THE LANGUAGE OR PROVIDE THE FINANCIAL DOCUMENTATION REQUIRED FOR ""SELF-INSURANCE" BY 40 CFR 280.953 AND 280.955. CORRECTION: UPDATE FACILITY OPERATING PERMIT APPLICATION TO SUBMIT FINANCIAL

LINCOLN HEIGHTS SERVICE DPW (Continued) **S104159588**

DOCUMENTATION REQUIRED FOR ""SELF-INSURANCE" BY 40 CFR 280.953 AND 280.955 OR, STATE "NO" TO ""SELF-INSURANCE" AND STATE "YES" TO "OTHER MECHANISM" WITH COMMENT OF "CFO LETTER".

Violation Division: Los Angeles City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 396612
Site Name: LINCOLN HEIGHTS SERVICE CENTER
Violation Date: 03-16-2017
Citation: 23 CCR 16 2712(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)
Violation Description: Failure to maintain records of repairs, lining, and upgrades on site, or off site if approved by the CUPA, for the life of the UST.
Violation Notes: Returned to compliance on 03/14/2018. OBSERVATION: Records of repairs, linings, and upgrades for the UST system were not found on site. These records shall be kept on site for the life of the tank. CORRECTIVE ACTION: Immediately locate and maintain these records on site and submit copies to the CUPA by [date, 30 days from now]. 1. Tank 2: Regular Unleaded Spill Bucket Failure. No retest found
Violation Division: Los Angeles City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 396612
Site Name: LINCOLN HEIGHTS SERVICE CENTER
Violation Date: 03-14-2018
Citation: 23 CCR 16 2632(d)(1)(c),2641(h),2711(a)(8) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2632(d)(1)(c),2641(h),2711(a)(8)
Violation Description: Failure to submit or maintain a current facility plot plan.
Violation Notes: Returned to compliance on 04/24/2018. OBSERVATION: UST SITE MAP IS MISSING THE RED JACKET FX1V (87 x 2) AND FX1VD (DIESEL) MECHANICAL LINE LEAK DETECTORS IN THE STP SUMPS AND IS MISSING AN APPROXIMATE PIPING RUN. CORRECTION: UPDATE UST SITE MAP TO LIST RED JACKET FX1V (87 x 2) AND FX1VD (DIESEL) MECHANICAL LINE LEAK DETECTORS IN THE STP SUMPS AND IS MISSING AN APPROXIMATE PIPING RUN. MAINTAIN ON SITE.
Violation Division: Los Angeles City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 396612
Site Name: LINCOLN HEIGHTS SERVICE CENTER
Violation Date: 04-22-2016
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description: Failure to maintain uniform hazardous waste manifest, consolidated manifest, or bills of lading copies for three years.
Violation Notes: Returned to compliance on 10/05/2016. OBSERVATION: Copies of hazardous waste disposal records were not available. Hazardous waste generators shall retain copies of all manifests signed off by the disposal facility and all receipts used in a consolidated manifesting procedure for three years and have them readily available for review. CORRECTIVE ACTION: Immediately locate a copy of all manifests and receipts for the last three years, and submit copies to the CUPA.
Violation Division: Los Angeles County Fire Department
Violation Program: HW

LINCOLN HEIGHTS SERVICE DPW (Continued) **S104159588**

Violation Source: CERS

Site ID: 396612
Site Name: LINCOLN HEIGHTS SERVICE CENTER
Violation Date: 04-22-2016
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 10/11/2016. OBSERVATION: MISSING REQUIRED LABELS/ REQUIRED INFORMATION ON FOUR 55-GALLON DRUMS AT FUEL DISPENSING STATION. All hazardous waste containers shall be marked with the following information: 1) the words ?Hazardous Waste?; 2) name and address of generator; 3) hazardous properties; 4) physical state; 5) composition (contents); 6) accumulation start date. CORRECTIVE ACTION: Immediately label these containers and ensure that all hazardous waste containers are marked with all the required information.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 396612
Site Name: LINCOLN HEIGHTS SERVICE CENTER
Violation Date: 03-20-2013
Citation: HSC 6.11 25404.1 - California Health and Safety Code, Chapter 6.11, Section(s) 25404.1
Violation Description: Failure to obtain and/or maintain an active hazardous waste generator permit.
Violation Notes: Not reported
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 03-15-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: reset date
Eval Division: Los Angeles City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-22-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Thomas Dailey, Transmission & Distribution District Supervisor
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-26-2013

LINCOLN HEIGHTS SERVICE DPW (Continued) **S104159588**

Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	05/09/2016 Changed service code 106 to 006 per Royce Long request.
Eval Division:	Los Angeles City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	08-27-2013
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	05/09/2016 Changed service code 106 to 006 per Royce Long request.
Eval Division:	Los Angeles City Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	10-05-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-14-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	LAFD Inspector Mungaray on site this date to conduct routine inspection of underground storage tank facility. Consent to enter, inspect and take photographs was given on this date by ROB PFEFFERLE, CONSTRUCTION EQUIPMENT SERVICE SUPERVISOR. Monitoring system certification was conducted at this time by OCTAVIO GUTIERREZ FROM ECS. Tester provided the following certifications: ICC: 8041102-UT EXP: 03-08-18 VR: A245315 EXP: 4/16/2019 VMI: #3601 EXP: 5/18/2019 The UST monitoring panel showed all functions normal. Current monitoring setup and alarm history WERE available for review. The sumps and UDCs WERE available for inspection and the sensors WERE observed positioned to detect a leak at the earliest opportunity. The spill buckets WERE also visually inspected. The Monitoring Plan WAS compared to the equipment on site. The operation of the UST system WAS compared to the conditions of the operating permit. Property Owner: Los Angeles Department of Water and [Truncated]
Eval Division:	Los Angeles City Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-26-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	address is 3101, on remote and cers, cers updated , tankology jeffrey crisostomo ust icc 00216571, veeder-root #b42876
Eval Division:	Los Angeles City Fire Department
Eval Program:	UST
Eval Source:	CERS

LINCOLN HEIGHTS SERVICE DPW (Continued) **S104159588**

Eval General Type:	Other/Unknown
Eval Date:	03-26-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	monitor certification , pass
Eval Division:	Los Angeles City Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	04-24-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	NOV FOLLOW-UP FOR OUTSTANDING CERS VIOLATIONS. Confirmed previously required corrections to financial responsibility and monitoring site plan were completed 04/05/2018. On site verification and CERS review completed on March 14, 2018. CONFIRMED CORRECTIONS REQUIRED FROM PRIOR REVIEW, REJECTION AND NOTICE OF VIOLATION WERE MADE. ASSIGNED RTC (RETURNED TO COMPLIANCE) QUALIFIER ENTRIES FOR REMAINING VIOLATIONS EC/ECR. UPDATED REQUIRED UST INSPECTION SPREADSHEET ENTRIES. EMAILED RESPONSIBLE FACILITY PERSONNEL TO ADVISE OF REVIEW, ACCEPTANCE AND RTC.
Eval Division:	Los Angeles City Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-15-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	ust book review, cers review Matt Leigh will update cers, Mat gives lafd consent for inspection , do review, icc tech octavio Gutierrez 852631,
Eval Division:	Los Angeles City Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-16-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Facility Information Date: 03 - 16 -2017 Site Address: LINCOLN HEIGHTS SERVICE CENTER 3101 Artesian St Los Angeles, CA 90031 (213) 367-0403 Property Owner Los Angeles Department of Water and Power 111 North Hope Street, Room 1050 Los Angeles, CA90012 (213) 367-0403 Environmental Contact: Arthur Johnson (213) 367-6039 arthur.johnson@ladwp.com 111 N. Hope St Los Angeles, CA 90012 Tank Operator Los Angeles Department of Water and Power 111 North Hope Street, Room 1050 Los Angeles, CA 90012 (213) 367-0403 Tank Owner Los Angeles Department of Water and Power 111 North Hope Street, Room 1050 Los Angeles, CA 90012 (213) 367-0403 Tank Owner Type Non-Government Facility Type Motor Vehicle Fueling CERS ID: 10029889 Assessor Parcel Number (APN): EPA ID: Facility ID Number: BOE#: 44031906 Inspector Pleasant LAFD, on site this date to conduct routine inspection of underground [Truncated]
Eval Division:	Los Angeles City Fire Department
Eval Program:	UST

LINCOLN HEIGHTS SERVICE DPW (Continued) **S104159588**

Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-20-2013
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Inspected by A Ng, HMS II Consent by D Siewert
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	03-25-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	BP and permit in process of being compliant by Matt leigh from DWP
Eval Division:	Los Angeles City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-08-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	facility inspection , cers accepted, with site map (cers) walk through and review of chemicals , David Ramsey manager gives lafd consent for inspection / warehouse / lot
Eval Division:	Los Angeles City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	08-28-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	3101 E ARTESIAN ST REVIEWED UST ARCHIVE, RECEIVED ANNUAL MONITORING SYSTEM CERTIFICATION & SPILL BUCKET RESULTS FOR TESTING CONDUCTED ON 3-16-2017 BY OCTAVIO GUTIERREZ WITH ECS. CONFIRMED RESULTS WERE REQUESTED, RECEIVED, SCANNED/DOWNLOADED AND/OR ATTACHED IN ENVISION.
Eval Division:	Los Angeles City Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-26-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	The address is under 3101, cers is up to date , tanknology tech jeffrey Crisostomo ust icc 00216571, veeder-root #b42876,
Eval Division:	Los Angeles City Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	04-26-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency

LINCOLN HEIGHTS SERVICE DPW (Continued) **S104159588**

Eval Notes: REVIEWED RECEIVED ANNUAL MONITORING SYSTEM CERTIFICATION & SPILL BUCKET RESULTS FOR TESTING CONDUCTED ON 03-14-18 BY OCTAVIO GUTIERREZ FROM ECS. CONFIRMED RESULTS WERE RECEIVED, SCANNED/DOWNLOADED AND ATTACHED IN ENVISION. NO FAILURES NOTED ON REPORT.
Eval Division: Los Angeles City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 10-06-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Coordinates:
Site ID: 396612
Facility Name: LINCOLN HEIGHTS SERVICE CENTER
Env Int Type Code: HMBP
Program ID: 10029889
Coord Name: Not reported
Ref Point Type Desc: Unknown
Latitude: 34.080746
Longitude: -118.218981

Affiliation:
Affiliation Type Desc: Parent Corporation
Entity Name: Los Angeles Department of Water and Power
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: UST Tank Owner
Entity Name: Los Angeles Department of Water and Power
Entity Title: Not reported
Affiliation Address: 111 North Hope Street, Room 1050
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 90012
Affiliation Phone: (213) 367-0403

Affiliation Type Desc: CUPA District
Entity Name: Los Angeles City Fire Department
Entity Title: Not reported
Affiliation Address: 200 North Main Street, Room 1780
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90012

LINCOLN HEIGHTS SERVICE DPW (Continued) **S104159588**

Affiliation Phone:	(213) 978-3680
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	111 North Hope Street, Room 1050
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90012
Affiliation Phone:	Not reported
Affiliation Type Desc:	Operator
Entity Name:	Los Angeles Department of Water and Power
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(213) 367-0403
Affiliation Type Desc:	Legal Owner
Entity Name:	Los Angeles Department of Water and Power
Entity Title:	Not reported
Affiliation Address:	111 North Hope Street, Room 1050
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90012
Affiliation Phone:	(213) 367-0403
Affiliation Type Desc:	Property Owner
Entity Name:	Los Angeles Department of Water and Power
Entity Title:	Not reported
Affiliation Address:	111 North Hope Street, Room 1050
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90012
Affiliation Phone:	(213) 367-0403
Affiliation Type Desc:	Environmental Contact
Entity Name:	Jennifer Madden
Entity Title:	Not reported
Affiliation Address:	111 N. Hope St
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90012
Affiliation Phone:	Not reported
Affiliation Type Desc:	UST Permit Applicant
Entity Name:	Jennifer Madden
Entity Title:	Environmental Affairs Officer
Affiliation Address:	Not reported
Affiliation City:	Not reported

LINCOLN HEIGHTS SERVICE DPW (Continued) **S104159588**

Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (213) 367-0407

Affiliation Type Desc: UST Property Owner Name
Entity Name: Los Angeles Department of Water and Power
Entity Title: Not reported
Affiliation Address: 111 North Hope Street, Room 1050
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 90012
Affiliation Phone: (213) 367-0403

Affiliation Type Desc: UST Tank Operator
Entity Name: Los Angeles Department of Water and Power
Entity Title: Not reported
Affiliation Address: 111 North Hope Street, Room 1050
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 90012
Affiliation Phone: (213) 367-0403

Site ID: 187675
CERS ID: T0603700797
Site Name: LINCOLN HEIGHTS SERVICE DPW
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: ARMAN TOUMARI - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 WEST 4TH STREET, SUITE 200
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 2135766708

Affiliation Type Desc: Local Agency Caseworker
Entity Name: ELOY LUNA - LOS ANGELES, CITY OF
Entity Title: Not reported
Affiliation Address: 200 North Main Street, Suite 1780
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

N104 **LINCOLN HEIGHTS SERVICE CENTER** **UST** **U001561287**
SW **3101 ARTESIAN ST** **HIST UST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90031**
0.186 mi.
982 ft. **Site 7 of 8 in cluster N**

Relative: **Lower**
Actual: **357 ft.**

UST:

Facility ID:	FA0000795
Permitting Agency:	Los Angeles City Fire Department
Latitude:	34.080817
Longitude:	-118.21905

HIST UST:

File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000064841
Facility Type:	Other
Other Type:	WATER/ELECTRIC UTILI
Contact Name:	RICHARD OWEN
Telephone:	2134814260
Owner Name:	DEPARTMENT OF WATER AND POWER
Owner Address:	111 N. HOPE STREET
Owner City,St,Zip:	LOS ANGELES, CA 90012
Total Tanks:	0002
Tank Num:	001
Container Num:	0249/GAS #
Year Installed:	1940
Tank Capacity:	00007500
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	002
Container Num:	0250/GAS #
Year Installed:	1940
Tank Capacity:	00007500
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

L105 **LA LACY STREET TRANSFER YARD** **RCRA-SQG** **1000275911**
WSW **2661 LACY ST** **FINDS** **CAD981988264**
1/8-1/4 **LINCOLN HEIGHTS, CA 90031** **ECHO**
0.193 mi.
1018 ft. **Site 2 of 2 in cluster L**

Relative: **Lower**
Actual: **350 ft.**

RCRA-SQG:

Date form received by agency:	03/24/1987
Facility name:	LA LACY STREET TRANSFER YARD
Facility address:	2661 LACY ST LINCOLN HEIGHTS, CA 90031
EPA ID:	CAD981988264
Mailing address:	200 N MAIN RM EIGHTH HUNDREDCH LOS ANGELES, CA 90012
Contact:	ENVIRONMENTAL MANAGER

LA LACY STREET TRANSFER YARD (Continued) **1000275911**

Contact address: 2661 LACY ST
LINCOLN HEIGHTS, CA 90058
Contact country: US
Contact telephone: 213-485-7527
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Municipal
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: CITY OF LOS ANGELES
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Municipal
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

LA LACY STREET TRANSFER YARD (Continued) **1000275911**

Violation Status: No violations found

FINDS:

Registry ID: 110009541273

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000275911
Registry ID: 110009541273
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110009541273

O106 **MIKE'S TRANSMISSION** **SWEEPS UST** **S101617615**
NNW **3500 N FIGUEROA ST** **CA FID UST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90065** **HAZMAT**
0.205 mi.
1083 ft. **Site 1 of 4 in cluster O**

Relative: Higher
Actual: 378 ft.

SWEEPS UST:
Status: Not reported
Comp Number: 2860
Number: Not reported
Board Of Equalization: 44-012594
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-002860-000001
Tank Status: Not reported
Capacity: 500
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: 3

Status: Not reported
Comp Number: 2860
Number: Not reported
Board Of Equalization: 44-012594
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-002860-000002
Tank Status: Not reported
Capacity: 500

MIKE'S TRANSMISSION (Continued) **S101617615**

Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	REG UNLEADED
Number Of Tanks:	Not reported
Status:	Not reported
Comp Number:	2860
Number:	Not reported
Board Of Equalization:	44-012594
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-050-002860-000003
Tank Status:	Not reported
Capacity:	500
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	REG UNLEADED
Number Of Tanks:	Not reported

CA FID UST:

Facility ID:	19011776
Regulated By:	UTNKI
Regulated ID:	00050946
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2132226638
Mail To:	Not reported
Mailing Address:	3500 N FIGUEROA ST
Mailing Address 2:	Not reported
Mailing City,St,Zip:	LOS ANGELES 900650000
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Inactive

LOS ANGELES HM:

Facility ID:	FA0003772
Last Run Date:	01/01/2019
Status:	ACTIVE

O107 **A B AUTO REPAIR & MUFFLER** **RCRA NonGen / NLR** **1024828124**
NNW **3500 N FIGUEROA ST # B** **CAL000359316**
1/8-1/4 **LOS ANGELES, CA 90065**
0.205 mi.
1083 ft. **Site 2 of 4 in cluster O**

Relative:
Higher

Actual:
378 ft.

RCRA NonGen / NLR:

Date form received by agency:	12/16/2010
Facility name:	A B AUTO REPAIR & MUFFLER
Facility address:	3500 N FIGUEROA ST # B LOS ANGELES, CA 90065-2443
EPA ID:	CAL000359316
Contact:	VREJ BEDJANIAN
Contact address:	3500 N FIGUEROA ST # B LOS ANGELES, CA 90065
Contact country:	Not reported
Contact telephone:	323-224-8224
Contact email:	VREJBEDJANIAN@GMAIL.COM
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	VREJ BEDJANIAN
Owner/operator address:	1701 BRIAR RIDGE RD GLENDALE, CA 91207
Owner/operator country:	Not reported
Owner/operator telephone:	818-919-2199
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	VREJ BEDJANIAN
Owner/operator address:	3500 N FIGUEROA ST # B LOS ANGELES, CA 90065
Owner/operator country:	Not reported
Owner/operator telephone:	323-224-8224
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	Yes
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No

A B AUTO REPAIR & MUFFLER (Continued) **1024828124**

Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Violation Status: No violations found

O108 **AB AUTO REPAIR & MUFFLER** **RCRA NonGen / NLR** **1024854763**
NNW **3500 N FIGUEROA ST # B** **CAL000416333**
1/8-1/4 **LOS ANGELES, CA 90065**
0.205 mi.
1083 ft. **Site 3 of 4 in cluster O**

Relative:
Higher

Actual:
378 ft.

RCRA NonGen / NLR:

Date form received by agency:	04/18/2016
Facility name:	AB AUTO REPAIR & MUFFLER
Facility address:	3500 N FIGUEROA ST # B LOS ANGELES, CA 90065-2443
EPA ID:	CAL000416333
Contact:	WILLIAM BEDJANYAN
Contact address:	3500 N FIGUEROA ST # B LOS ANGELES, CA 90065
Contact country:	Not reported
Contact telephone:	323-224-8224
Contact email:	WILLIAMB454@GMAIL.COM
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	WILLIAM BEDJANYAN
Owner/operator address:	3500 N FIGUEROA ST # B LOS ANGELES, CA 90065
Owner/operator country:	Not reported
Owner/operator telephone:	323-224-8224
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	WILLIAM BEDJANYAN
Owner/operator address:	3500 N FIGUEROA ST # B LOS ANGELES, CA 90065
Owner/operator country:	Not reported
Owner/operator telephone:	323-224-8224
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

AB AUTO REPAIR & MUFFLER (Continued) **1024854763**

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: Yes
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

O109 **MIKES TRANSMISSION** **HIST UST** **U001562466**
NNW **3500 N FIGUEROA ST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90065**
0.205 mi.
1083 ft. **Site 4 of 4 in cluster O**

Relative:
Higher

Actual:
378 ft.

HIST UST:
File Number: 00027C23
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00027C23.pdf
Region: STATE
Facility ID: 00000050946
Facility Type: Other
Other Type: AUTO REPAIR
Contact Name: MIKE RIVERA
Telephone: 2132226638
Owner Name: MIKE RIVERA
Owner Address: 3500 N FIGUEROA ST.
Owner City,St,Zip: LOS ANGELES, CA 90065
Total Tanks: 0003

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00000500
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 002
Container Num: 2
Year Installed: Not reported
Tank Capacity: 00000500
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 003

MIKES TRANSMISSION (Continued) **U001562466**

Container Num:	3
Year Installed:	Not reported
Tank Capacity:	00000500
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Container Construction Thickness:	Not reported
Leak Detection:	None

Click here for Geo Tracker PDF:

M110 **UNION THREE AUTO SERVICE** **SWEEPS UST** **S101584153**
WNW **3304 N FIGUEROA ST** **CA FID UST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90065**
0.211 mi.
1114 ft. **Site 3 of 5 in cluster M**

Relative:
Lower

Actual:
369 ft.

SWEEPS UST:

Status:	Not reported
Comp Number:	7414
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	Not reported
Tank Status:	Not reported
Capacity:	Not reported
Active Date:	Not reported
Tank Use:	Not reported
STG:	Not reported
Content:	Not reported
Number Of Tanks:	Not reported

CA FID UST:

Facility ID:	19009028
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2132241888
Mail To:	Not reported
Mailing Address:	3304 N FIGUEROA ST
Mailing Address 2:	Not reported
Mailing City,St,Zip:	LOS ANGELES 900650000
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

M111 **UNION 3 AUTO SERVICE** **RCRA NonGen / NLR** **1024789281**
WNW **3304 N FIGUEROA ST** **CAL000062528**
1/8-1/4 **LOS ANGELES, CA 90065**
0.211 mi.
1114 ft. **Site 4 of 5 in cluster M**

Relative:
Lower

Actual:
369 ft.

RCRA NonGen / NLR:

Date form received by agency:	08/09/1993
Facility name:	UNION 3 AUTO SERVICE
Facility address:	3304 N FIGUEROA ST LOS ANGELES, CA 90065-1528
EPA ID:	CAL000062528
Contact:	CARLOS CRUZ
Contact address:	3304 N FIGUEROA ST LOS ANGELES, CA 90065
Contact country:	Not reported
Contact telephone:	323-224-1888
Contact email:	UNION3@SBCGLOBAL.NET
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	CARLOS CRUZ
Owner/operator address:	3304 N FIGUEROA ST LOS ANGELES, CA 90065
Owner/operator country:	Not reported
Owner/operator telephone:	323-224-1888
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	CARLOS CRUZ
Owner/operator address:	3304 N FIGUEROA ST LOS ANGELES, CA 90065
Owner/operator country:	Not reported
Owner/operator telephone:	323-224-1888
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	Yes
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No

UNION 3 AUTO SERVICE (Continued) **1024789281**

Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

M112 **UNION 3 AUTO SERVICE** **CERS HAZ WASTE** **S113045918**
WNW **3304 N FIGUEROA ST** **HAZNET** **N/A**
1/8-1/4 **LOS ANGELES, CA 90065** **HAZMAT**
0.211 mi. **CERS**
1114 ft. **Site 5 of 5 in cluster M**

Relative: **Lower**
Actual: **369 ft.**

CERS HAZ WASTE:
Site ID: 164435
CERS ID: 10242823
CERS Description: Hazardous Waste Generator

Violations:
Site ID: 164435
Site Name: UNION 3 AUTO SERVICE
Violation Date: 08-22-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Not reported
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 164435
Site Name: UNION 3 AUTO SERVICE
Violation Date: 04-14-2016
Citation: HSC 6.95 25508.1(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(f)
Violation Description: Failure to electronically update the business plan within 30 days of a substantial change.
Violation Notes: Not reported
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 164435
Site Name: UNION 3 AUTO SERVICE
Violation Date: 08-22-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to establish and electronically submit an adequate training program in safety procedures in the event of a release or threatened release of a hazardous material.
Violation Notes: Not reported
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS

UNION 3 AUTO SERVICE (Continued) **S113045918**

Site ID: 164435
Site Name: UNION 3 AUTO SERVICE
Violation Date: 04-14-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to establish and electronically submit an adequate training program in safety procedures in the event of a release or threatened release of a hazardous material.
Violation Notes: Not reported
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 164435
Site Name: UNION 3 AUTO SERVICE
Violation Date: 08-22-2016
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes: Not reported
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 164435
Site Name: UNION 3 AUTO SERVICE
Violation Date: 04-14-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to electronically submit the emergency response plan and procedures when not meeting the agricultural handler exemption requirements.
Violation Notes: Not reported
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 164435
Site Name: UNION 3 AUTO SERVICE
Violation Date: 02-25-2019
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 03/20/2019. OBSERVATION: 1 x 275-gallon tote of used oil located in the hazardous waste storage area was observed without a hazardous waste label. CORRECTIVE ACTION: Submit a photo to the CUPA demonstrating that the container listed above has been properly labeled.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

UNION 3 AUTO SERVICE (Continued) **S113045918**

Site ID: 164435
Site Name: UNION 3 AUTO SERVICE
Violation Date: 04-14-2016
Citation: HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Description: Failure to notify property owner in writing that the business is subject to the business plan program and has complied with its provisions.
Violation Notes: Not reported
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 164435
Site Name: UNION 3 AUTO SERVICE
Violation Date: 04-15-2016
Citation: 40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description: Failure to properly close hazardous waste containers when not in active use.
Violation Notes: Returned to compliance on 04/15/2016. OBSERVATION: OPENED USED OIL TOTE WHEN NOT IN USED. CORRECTED ON-SITE. All hazardous waste containers shall be closed at all times except when adding or removing waste. CORRECTIVE ACTION: Immediately close these containers and ensure all hazardous waste containers are closed when not adding or removing waste.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 164435
Site Name: UNION 3 AUTO SERVICE
Violation Date: 08-22-2016
Citation: 19 CCR 6.95 25508(a)(1) - California Code of Regulations, Title 19, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page.
Violation Notes: Not reported
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 164435
Site Name: UNION 3 AUTO SERVICE
Violation Date: 08-22-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Not reported
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 164435
Site Name: UNION 3 AUTO SERVICE

UNION 3 AUTO SERVICE (Continued) **S113045918**

Violation Date:	04-14-2016
Citation:	HSC 6.95 25508.1(a)-(e) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(e)
Violation Description:	Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name.
Violation Notes:	Not reported
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	164435
Site Name:	UNION 3 AUTO SERVICE
Violation Date:	04-14-2016
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit a site map with all required content.
Violation Notes:	Not reported
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	164435
Site Name:	UNION 3 AUTO SERVICE
Violation Date:	04-14-2016
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Not reported
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	164435
Site Name:	UNION 3 AUTO SERVICE
Violation Date:	04-14-2016
Citation:	HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d)
Violation Description:	Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Not reported
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	164435
Site Name:	UNION 3 AUTO SERVICE
Violation Date:	04-14-2016
Citation:	HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507

UNION 3 AUTO SERVICE (Continued) **S113045918**

Violation Description:	Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Not reported
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	164435
Site Name:	UNION 3 AUTO SERVICE
Violation Date:	08-22-2016
Citation:	HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507
Violation Description:	Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Not reported
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	164435
Site Name:	UNION 3 AUTO SERVICE
Violation Date:	04-14-2016
Citation:	HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description:	Failure to annually review and electronically certify that the business plan is complete, accurate, and up-to-date.
Violation Notes:	Not reported
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	164435
Site Name:	UNION 3 AUTO SERVICE
Violation Date:	08-22-2016
Citation:	HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description:	Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.
Violation Notes:	Not reported
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	164435
Site Name:	UNION 3 AUTO SERVICE
Violation Date:	03-27-2013
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the

UNION 3 AUTO SERVICE (Continued) **S113045918**

	generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	label waste oil tote
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	164435
Site Name:	UNION 3 AUTO SERVICE
Violation Date:	08-22-2016
Citation:	HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Description:	Failure to notify property owner in writing that the business is subject to the business plan program and has complied with its provisions.
Violation Notes:	Not reported
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	164435
Site Name:	UNION 3 AUTO SERVICE
Violation Date:	04-15-2016
Citation:	40 CFR 1 265.31 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.31
Violation Description:	Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to the air, soil, or surface water which could threaten human health or the environment..
Violation Notes:	Returned to compliance on 06/08/2016. OBSERVATION: OIL SATURATED ABSORBENT ON THE FLOOR AT HAZARDOUS WASTE STORAGE AREA Facilities shall be maintained and operated to minimize the possibility of a fire, explosion, or release of hazardous waste to air, soil, or surface water. CORRECTIVE ACTION: Immediately CLEAN OIL SATURATED ABSORBENT ON THE FLOOR AT HAZARDOUS WASTE STORAGE AREA and manage according to Title 22 hazardous waste regulations. PROVIDE MANIFEST FOR USED ABSORBENT.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	164435
Site Name:	UNION 3 AUTO SERVICE
Violation Date:	08-22-2016
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Not reported
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	164435

UNION 3 AUTO SERVICE (Continued) **S113045918**

Site Name:	UNION 3 AUTO SERVICE
Violation Date:	04-14-2016
Citation:	HSC 6.95 25510(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25510(a)
Violation Description:	Failure to report a release or threatened release of a hazardous material to the unified program agency and to OES.
Violation Notes:	Not reported
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	164435
Site Name:	UNION 3 AUTO SERVICE
Violation Date:	03-27-2013
Citation:	40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description:	Failure to properly close hazardous waste containers when not in active use.
Violation Notes:	close waste oil tote when not in use
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	164435
Site Name:	UNION 3 AUTO SERVICE
Violation Date:	04-14-2016
Citation:	19 CCR 6.95 25508(a)(1) - California Code of Regulations, Title 19, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page.
Violation Notes:	Not reported
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	164435
Site Name:	UNION 3 AUTO SERVICE
Violation Date:	02-25-2019
Citation:	22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11
Violation Description:	Failure to determine if wastes generated are hazardous waste by using generator knowledge or applying testing method.
Violation Notes:	Returned to compliance on 03/20/2019. OBSERVATION: Per Mr. Morales, the finely divided metal generated from rotor resurfacing and other grinding operations are being either disposed to the trash or sent off as scrap metal. Finely divided metal less than 100 microns in size does not meet the definition of scrap metal. CORRECTIVE ACTION: Submit documentation to the CUPA demonstrating that the finely divided metal has been properly characterized to determine if it is a hazardous waste. If determined to be hazardous submit manifests/receipts documenting proper disposal and a statement demonstrating how you will manage it in the future.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	164435

UNION 3 AUTO SERVICE (Continued) **S113045918**

Site Name: UNION 3 AUTO SERVICE
Violation Date: 04-15-2016
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 05/24/2016. OBSERVATION: MISSING REQUIRED INFORMATION ON LABEL OF USED OIL TOTE. All hazardous waste containers shall be marked with the following information: 1) the words ?Hazardous Waste?; 2) name and address of generator; 3) hazardous properties; 4) physical state; 5) composition (contents); 6) accumulation start date. CORRECTIVE ACTION: Immediately label these containers and ensure that all hazardous waste containers are marked with all the required information.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 164435
Site Name: UNION 3 AUTO SERVICE
Violation Date: 04-15-2016
Citation: 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description: Failure to obtain and/or maintain an Active EPA ID.
Violation Notes: Returned to compliance on 05/24/2016. OBSERVATION: This facility?s EPA ID number is inactive. A hazardous waste generator shall not treat, store, dispose of, transport or offer for transportation, hazardous waste without an EPA ID number. CORRECTIVE ACTION: Immediately contact DTSC and reactivate your EPA ID number and submit evidence to the cupa. EPA # renewal form was faxed during inspection.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 164435
Site Name: UNION 3 AUTO SERVICE
Violation Date: 08-22-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a site map with all required content.
Violation Notes: Not reported
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 164435
Site Name: UNION 3 AUTO SERVICE
Violation Date: 04-15-2016
Citation: HSC 6.5 Multiple Sections - California Health and Safety Code, Chapter 6.5, Section(s) Multiple Sections
Violation Description: Haz Waste Generator Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 04/15/2016. OBSERVATION: NO EMPTY LABELS ON EMPTY DRUMS AT HAZARDOUS WASTE STORAGE AREA. CORRECTED ON-SITE. CORRECTIVE ACTION: Each empty container larger than 5 gallons that

UNION 3 AUTO SERVICE (Continued) **S113045918**

previously held a hazardous material must be marked with the date it was emptied and be shipped for recycling, reconditioning, or reclamation of its scrap value ? or managed on site in such a manner ? within one year of being emptied. 22CCR 11 66261.7

Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 164435
Site Name: UNION 3 AUTO SERVICE
Violation Date: 04-14-2016
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Not reported
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 164435
Site Name: UNION 3 AUTO SERVICE
Violation Date: 03-27-2013
Citation: 40 CFR 1 265.31 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.31
Violation Description: Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to the air, soil, or surface water which could threaten human health or the environment..
Violation Notes: clean and properly dispose waste absorbents next to waste oil tote
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 164435
Site Name: UNION 3 AUTO SERVICE
Violation Date: 08-22-2016
Citation: HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Description: Failure to provide a copy of the business plan to the owner or the owner’s agent within five working days after receiving a request for a copy from the owner or the owner’s agent.
Violation Notes: Not reported
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 164435
Site Name: UNION 3 AUTO SERVICE
Violation Date: 04-14-2016
Citation: HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Description: Failure to provide a copy of the business plan to the owner or the owner’s agent within five working days after receiving a request for a

UNION 3 AUTO SERVICE (Continued) **S113045918**

copy from the owner or the owner's agent.
Violation Notes: Not reported
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 164435
Site Name: UNION 3 AUTO SERVICE
Violation Date: 04-14-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to electronically submit the training program in safety procedures when not meeting the agricultural handler exemption requirements.
Violation Notes: Not reported
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 164435
Site Name: UNION 3 AUTO SERVICE
Violation Date: 08-22-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.
Violation Notes: Not reported
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 164435
Site Name: UNION 3 AUTO SERVICE
Violation Date: 04-14-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.
Violation Notes: Not reported
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 164435
Site Name: UNION 3 AUTO SERVICE
Violation Date: 04-14-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to establish and electronically submit a business plan when not meeting the remote unstaffed facility exemption requirements.
Violation Notes: Not reported
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS

UNION 3 AUTO SERVICE (Continued) **S113045918**

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-27-2013
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Inspected by A Ng, HMS II Consent by C Cruz
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	05-24-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Carlos Cruz, Owner
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-14-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	INFORMED THEY ARE OUT OF COMPLIANCE FOR CERS. MUST SUBMIT A HMBP ON CERS
Eval Division:	Los Angeles City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	08-22-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	RE INSPECTION
Eval Division:	Los Angeles City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-25-2019
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Pedro Morales, Partner
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-15-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Carlos Cruz, Owner
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Other/Unknown

UNION 3 AUTO SERVICE (Continued) **S113045918**

Eval Date: 06-08-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 06-15-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: RE INSPECTION SHOWS THAT THIS FACILITY HAS NOT COMPLIED WITH CERS. THE BUSINESS HAS NOT COMPLETED THE HAZARDOUS MATERIALS INVENTORY, SITE MAP, EMERGENCY RESPONSE PLAN, AND EMPLOYEE TRAINING PLAN.
Eval Division: Los Angeles City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Coordinates:
Site ID: 164435
Facility Name: UNION 3 AUTO SERVICE
Env Int Type Code: HWG
Program ID: 10242823
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 34.086410
Longitude: -118.218550

Affiliation:
Affiliation Type Desc: Parent Corporation
Entity Name: UNION 3 AUTO SERVICE
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Property Owner
Entity Name: CRUZ, CARLOS
Entity Title: Not reported
Affiliation Address: 3304 N. Figueroa Street
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 90065
Affiliation Phone: (323) 224-1888

Affiliation Type Desc: CUPA District
Entity Name: Los Angeles City Fire Department
Entity Title: Not reported
Affiliation Address: 200 North Main Street, Room 1780
Affiliation City: Los Angeles
Affiliation State: CA

UNION 3 AUTO SERVICE (Continued) **S113045918**

Affiliation Country: Not reported
Affiliation Zip: 90012
Affiliation Phone: (213) 978-3680

Affiliation Type Desc: Environmental Contact
Entity Name: Carlos Cruz
Entity Title: Not reported
Affiliation Address: 3304 N Figueroa st.
Affiliation City: Lo Angeles
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90065
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 3304 N FIGUEROA ST
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90065
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: Carlos Cruz
Entity Title: Owner
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: CRUZ, CARLOS/PEDRO MORALES
Entity Title: Not reported
Affiliation Address: 3304 N.Figueroa Street
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 90065
Affiliation Phone: (323) 224-1888

Affiliation Type Desc: Operator
Entity Name: Carlos Cruz
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (323) 224-1888

HAZNET:
Name: UNION 3 AUTO SERVICE

UNION 3 AUTO SERVICE (Continued) **S113045918**

Address:	3304 N FIGUEROA ST
City,State,Zip:	LOS ANGELES, CA 900651528
Year:	2011
GEPAID:	CAL000062528
Contact:	CARLOS CRUZ
Telephone:	3232241888
Mailing Name:	Not reported
Mailing Address:	3304 N FIGUEROA ST
Mailing City,St,Zip:	LOS ANGELES, CA 800650000
Gen County:	Los Angeles
TSD EPA ID:	CAT080013352
TSD County:	Los Angeles
Tons:	0.418
CA Waste Code:	221-Waste oil and mixed oil
Method:	H039-Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Facility County:	Los Angeles

Name:	UNION 3 AUTO SERVICE
Address:	3304 N FIGUEROA ST
City,State,Zip:	LOS ANGELES, CA 900651528
Year:	2010
GEPAID:	CAL000062528
Contact:	CARLOS CRUZ
Telephone:	3232241888
Mailing Name:	Not reported
Mailing Address:	3304 N FIGUEROA ST
Mailing City,St,Zip:	LOS ANGELES, CA 800650000
Gen County:	Los Angeles
TSD EPA ID:	CAT080013352
TSD County:	Los Angeles
Tons:	0.418
CA Waste Code:	221-Waste oil and mixed oil
Method:	H039-Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Facility County:	Los Angeles

Name:	UNION 3 AUTO SERVICE
Address:	3304 N FIGUEROA ST
City,State,Zip:	LOS ANGELES, CA 900651528
Year:	1998
GEPAID:	CAL000062528
Contact:	CARLOS CRUZ
Telephone:	3232241888
Mailing Name:	Not reported
Mailing Address:	3304 N FIGUEROA ST
Mailing City,St,Zip:	LOS ANGELES, CA 800650000
Gen County:	Los Angeles
TSD EPA ID:	CAD093459485
TSD County:	Fresno
Tons:	0.0417
CA Waste Code:	342-Organic liquids with metals (Alkaline solution (pH >= 12.5) with metals)
Method:	H01-Transfer Station
Facility County:	Los Angeles

Name:	UNION 3 AUTO SERVICE
Address:	3304 N FIGUEROA ST

UNION 3 AUTO SERVICE (Continued) **S113045918**

City,State,Zip: LOS ANGELES, CA 900651528
Year: 1995
GEPAID: CAL000062528
Contact: CARLOS CRUZ
Telephone: 3232241888
Mailing Name: Not reported
Mailing Address: 3304 N FIGUEROA ST
Mailing City,St,Zip: LOS ANGELES, CA 800650000
Gen County: Los Angeles
TSD EPA ID: CAD099452708
TSD County: Los Angeles
Tons: 3.61
CA Waste Code: 221-Waste oil and mixed oil
Method: R01-Recycler
Facility County: Los Angeles

Name: UNION 3 AUTO SERVICE
Address: 3304 N FIGUEROA ST
City,State,Zip: LOS ANGELES, CA 900651528
Year: 1993
GEPAID: CAL000062528
Contact: CARLOS CRUZ
Telephone: 3232241888
Mailing Name: Not reported
Mailing Address: 3304 N FIGUEROA ST
Mailing City,St,Zip: LOS ANGELES, CA 800650000
Gen County: Los Angeles
TSD EPA ID: CAD099452708
TSD County: Los Angeles
Tons: 1.4595
CA Waste Code: 223-Unspecified oil-containing waste
Method: R01-Recycler
Facility County: Los Angeles

Click this hyperlink while viewing on your computer to access additional CA_HAZNET: detail in the EDR Site Report.

LOS ANGELES HM:
Facility ID: FA0005984
Last Run Date: 01/01/2019
Status: ACTIVE

CERS TANKS:
Site ID: 164435
CERS ID: 10242823
Site Name: UNION 3 AUTO SERVICE
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 164435
Site Name: UNION 3 AUTO SERVICE
Violation Date: 08-22-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.

UNION 3 AUTO SERVICE (Continued) **S113045918**

Violation Notes: Not reported
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 164435
Site Name: UNION 3 AUTO SERVICE
Violation Date: 04-14-2016
Citation: HSC 6.95 25508.1(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(f)
Violation Description: Failure to electronically update the business plan within 30 days of a substantial change.
Violation Notes: Not reported
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 164435
Site Name: UNION 3 AUTO SERVICE
Violation Date: 08-22-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to establish and electronically submit an adequate training program in safety procedures in the event of a release or threatened release of a hazardous material.
Violation Notes: Not reported
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 164435
Site Name: UNION 3 AUTO SERVICE
Violation Date: 04-14-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to establish and electronically submit an adequate training program in safety procedures in the event of a release or threatened release of a hazardous material.
Violation Notes: Not reported
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 164435
Site Name: UNION 3 AUTO SERVICE
Violation Date: 08-22-2016
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes: Not reported
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 164435

UNION 3 AUTO SERVICE (Continued) **S113045918**

Site Name:	UNION 3 AUTO SERVICE
Violation Date:	04-14-2016
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to electronically submit the emergency response plan and procedures when not meeting the agricultural handler exemption requirements.
Violation Notes:	Not reported
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	164435
Site Name:	UNION 3 AUTO SERVICE
Violation Date:	02-25-2019
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 03/20/2019. OBSERVATION: 1 x 275-gallon tote of used oil located in the hazardous waste storage area was observed without a hazardous waste label. CORRECTIVE ACTION: Submit a photo to the CUPA demonstrating that the container listed above has been properly labeled.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	164435
Site Name:	UNION 3 AUTO SERVICE
Violation Date:	04-14-2016
Citation:	HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Description:	Failure to notify property owner in writing that the business is subject to the business plan program and has complied with its provisions.
Violation Notes:	Not reported
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	164435
Site Name:	UNION 3 AUTO SERVICE
Violation Date:	04-15-2016
Citation:	40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description:	Failure to properly close hazardous waste containers when not in active use.
Violation Notes:	Returned to compliance on 04/15/2016. OBSERVATION: OPENED USED OIL TOTE WHEN NOT IN USED. CORRECTED ON-SITE. All hazardous waste containers shall be closed at all times except when adding or removing waste. CORRECTIVE ACTION: Immediately close these containers and ensure all hazardous waste containers are closed when not adding or removing waste.

UNION 3 AUTO SERVICE (Continued) **S113045918**

Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 164435
Site Name: UNION 3 AUTO SERVICE
Violation Date: 08-22-2016
Citation: 19 CCR 6.95 25508(a)(1) - California Code of Regulations, Title 19, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page.
Violation Notes: Not reported
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 164435
Site Name: UNION 3 AUTO SERVICE
Violation Date: 08-22-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Not reported
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 164435
Site Name: UNION 3 AUTO SERVICE
Violation Date: 04-14-2016
Citation: HSC 6.95 25508.1(a)-(e) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(e)
Violation Description: Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name.
Violation Notes: Not reported
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 164435
Site Name: UNION 3 AUTO SERVICE
Violation Date: 04-14-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a site map with all required content.
Violation Notes: Not reported
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS

UNION 3 AUTO SERVICE (Continued) **S113045918**

Site ID:	164435
Site Name:	UNION 3 AUTO SERVICE
Violation Date:	04-14-2016
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Not reported
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	164435
Site Name:	UNION 3 AUTO SERVICE
Violation Date:	04-14-2016
Citation:	HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d)
Violation Description:	Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Not reported
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	164435
Site Name:	UNION 3 AUTO SERVICE
Violation Date:	04-14-2016
Citation:	HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507
Violation Description:	Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Not reported
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	164435
Site Name:	UNION 3 AUTO SERVICE
Violation Date:	08-22-2016
Citation:	HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507
Violation Description:	Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Not reported
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	164435
Site Name:	UNION 3 AUTO SERVICE
Violation Date:	04-14-2016
Citation:	HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2

UNION 3 AUTO SERVICE (Continued) **S113045918**

Violation Description:	Failure to annually review and electronically certify that the business plan is complete, accurate, and up-to-date.
Violation Notes:	Not reported
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	164435
Site Name:	UNION 3 AUTO SERVICE
Violation Date:	08-22-2016
Citation:	HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description:	Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.
Violation Notes:	Not reported
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	164435
Site Name:	UNION 3 AUTO SERVICE
Violation Date:	03-27-2013
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	label waste oil tote
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	164435
Site Name:	UNION 3 AUTO SERVICE
Violation Date:	08-22-2016
Citation:	HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Description:	Failure to notify property owner in writing that the business is subject to the business plan program and has complied with its provisions.
Violation Notes:	Not reported
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	164435
Site Name:	UNION 3 AUTO SERVICE
Violation Date:	04-15-2016
Citation:	40 CFR 1 265.31 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.31
Violation Description:	Failure to maintain and operate the facility to minimize the

UNION 3 AUTO SERVICE (Continued) **S113045918**

possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to the air, soil, or surface water which could threaten human health or the environment..

Violation Notes: Returned to compliance on 06/08/2016. OBSERVATION: OIL SATURATED ABSORBENT ON THE FLOOR AT HAZARDOUS WASTE STORAGE AREA Facilities shall be maintained and operated to minimize the possibility of a fire, explosion, or release of hazardous waste to air, soil, or surface water. CORRECTIVE ACTION: Immediately CLEAN OIL SATURATED ABSORBENT ON THE FLOOR AT HAZARDOUS WASTE STORAGE AREA and manage according to Title 22 hazardous waste regulations. PROVIDE MANIFEST FOR USED ABSORBENT.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 164435
Site Name: UNION 3 AUTO SERVICE
Violation Date: 08-22-2016
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Not reported
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 164435
Site Name: UNION 3 AUTO SERVICE
Violation Date: 04-14-2016
Citation: HSC 6.95 25510(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25510(a)
Violation Description: Failure to report a release or threatened release of a hazardous material to the unified program agency and to OES.
Violation Notes: Not reported
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 164435
Site Name: UNION 3 AUTO SERVICE
Violation Date: 03-27-2013
Citation: 40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description: Failure to properly close hazardous waste containers when not in active use.
Violation Notes: close waste oil tote when not in use
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 164435
Site Name: UNION 3 AUTO SERVICE
Violation Date: 04-14-2016

UNION 3 AUTO SERVICE (Continued) **S113045918**

Citation:	19 CCR 6.95 25508(a)(1) - California Code of Regulations, Title 19, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page.
Violation Notes:	Not reported
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	164435
Site Name:	UNION 3 AUTO SERVICE
Violation Date:	02-25-2019
Citation:	22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11
Violation Description:	Failure to determine if wastes generated are hazardous waste by using generator knowledge or applying testing method.
Violation Notes:	Returned to compliance on 03/20/2019. OBSERVATION: Per Mr. Morales, the finely divided metal generated from rotor resurfacing and other grinding operations are being either disposed to the trash or sent off as scrap metal. Finely divided metal less than 100 microns in size does not meet the definition of scrap metal. CORRECTIVE ACTION: Submit documentation to the CUPA demonstrating that the finely divided metal has been properly characterized to determine if it is a hazardous waste. If determined to be hazardous submit manifests/receipts documenting proper disposal and a statement demonstrating how you will manage it in the future.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	164435
Site Name:	UNION 3 AUTO SERVICE
Violation Date:	04-15-2016
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 05/24/2016. OBSERVATION: MISSING REQUIRED INFORMATION ON LABEL OF USED OIL TOTE. All hazardous waste containers shall be marked with the following information: 1) the words ?Hazardous Waste?; 2) name and address of generator; 3) hazardous properties; 4) physical state; 5) composition (contents); 6) accumulation start date. CORRECTIVE ACTION: Immediately label these containers and ensure that all hazardous waste containers are marked with all the required information.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	164435
Site Name:	UNION 3 AUTO SERVICE
Violation Date:	04-15-2016
Citation:	22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description:	Failure to obtain and/or maintain an Active EPA ID.

UNION 3 AUTO SERVICE (Continued) **S113045918**

Violation Notes:	Returned to compliance on 05/24/2016. OBSERVATION: This facility?s EPA ID number is inactive. A hazardous waste generator shall not treat, store, dispose of, transport or offer for transportation, hazardous waste without an EPA ID number. CORRECTIVE ACTION: Immediately contact DTSC and reactivate your EPA ID number and submit evidence to the cupa. EPA # renewal form was faxed during inspection.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	164435
Site Name:	UNION 3 AUTO SERVICE
Violation Date:	08-22-2016
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit a site map with all required content.
Violation Notes:	Not reported
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	164435
Site Name:	UNION 3 AUTO SERVICE
Violation Date:	04-15-2016
Citation:	HSC 6.5 Multiple Sections - California Health and Safety Code, Chapter 6.5, Section(s) Multiple Sections
Violation Description:	Haz Waste Generator Program - Operations/Maintenance - General
Violation Notes:	Returned to compliance on 04/15/2016. OBSERVATION: NO EMPTY LABELS ON EMPTY DRUMS AT HAZARDOUS WASTE STORAGE AREA. CORRECTED ON-SITE. CORRECTIVE ACTION: Each empty container larger than 5 gallons that previously held a hazardous material must be marked with the date it was emptied and be shipped for recycling, reconditioning, or reclamation of its scrap value ? or managed on site in such a manner ? within one year of being emptied. 22CCR 11 66261.7
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	164435
Site Name:	UNION 3 AUTO SERVICE
Violation Date:	04-14-2016
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Not reported
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	164435
Site Name:	UNION 3 AUTO SERVICE
Violation Date:	03-27-2013
Citation:	40 CFR 1 265.31 - U.S. Code of Federal Regulations, Title 40, Chapter

UNION 3 AUTO SERVICE (Continued) **S113045918**

	1, Section(s) 265.31
Violation Description:	Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to the air, soil, or surface water which could threaten human health or the environment..
Violation Notes:	clean and properly dispose waste absorbents next to waste oil tote
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	164435
Site Name:	UNION 3 AUTO SERVICE
Violation Date:	08-22-2016
Citation:	HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Description:	Failure to provide a copy of the business plan to the owner or the owner's agent within five working days after receiving a request for a copy from the owner or the owner's agent.
Violation Notes:	Not reported
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	164435
Site Name:	UNION 3 AUTO SERVICE
Violation Date:	04-14-2016
Citation:	HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Description:	Failure to provide a copy of the business plan to the owner or the owner's agent within five working days after receiving a request for a copy from the owner or the owner's agent.
Violation Notes:	Not reported
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	164435
Site Name:	UNION 3 AUTO SERVICE
Violation Date:	04-14-2016
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to electronically submit the training program in safety procedures when not meeting the agricultural handler exemption requirements.
Violation Notes:	Not reported
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	164435
Site Name:	UNION 3 AUTO SERVICE
Violation Date:	08-22-2016
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a

UNION 3 AUTO SERVICE (Continued) **S113045918**

hazardous material.
Violation Notes: Not reported
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 164435
Site Name: UNION 3 AUTO SERVICE
Violation Date: 04-14-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.
Violation Notes: Not reported
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 164435
Site Name: UNION 3 AUTO SERVICE
Violation Date: 04-14-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to establish and electronically submit a business plan when not meeting the remote unstaffed facility exemption requirements.
Violation Notes: Not reported
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-27-2013
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspected by A Ng, HMS II Consent by C Cruz
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 05-24-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Carlos Cruz, Owner
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-14-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: INFORMED THEY ARE OUT OF COMPLIANCE FOR CERS. MUST SUBMIT A HMBP ON CERS
Eval Division: Los Angeles City Fire Department

UNION 3 AUTO SERVICE (Continued) **S113045918**

Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-22-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: RE INSPECTION
Eval Division: Los Angeles City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-25-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Pedro Morales, Partner
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-15-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Carlos Cruz, Owner
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 06-08-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 06-15-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: RE INSPECTION SHOWS THAT THIS FACILITY HAS NOT COMPLIED WITH CERS. THE BUSINESS HAS NOT COMPLETED THE HAZARDOUS MATERIALS INVENTORY, SITE MAP, EMERGENCY RESPONSE PLAN, AND EMPLOYEE TRAINING PLAN.
Eval Division: Los Angeles City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Coordinates:
Site ID: 164435
Facility Name: UNION 3 AUTO SERVICE
Env Int Type Code: HWG
Program ID: 10242823
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.

UNION 3 AUTO SERVICE (Continued) **S113045918**

Latitude: 34.086410
Longitude: -118.218550

Affiliation:
Affiliation Type Desc: Parent Corporation
Entity Name: UNION 3 AUTO SERVICE
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Property Owner
Entity Name: CRUZ, CARLOS
Entity Title: Not reported
Affiliation Address: 3304 N. Figueroa Street
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 90065
Affiliation Phone: (323) 224-1888

Affiliation Type Desc: CUPA District
Entity Name: Los Angeles City Fire Department
Entity Title: Not reported
Affiliation Address: 200 North Main Street, Room 1780
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90012
Affiliation Phone: (213) 978-3680

Affiliation Type Desc: Environmental Contact
Entity Name: Carlos Cruz
Entity Title: Not reported
Affiliation Address: 3304 N Figueroa st.
Affiliation City: Lo Angeles
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90065
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 3304 N FIGUEROA ST
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90065
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: Carlos Cruz
Entity Title: Owner

UNION 3 AUTO SERVICE (Continued) **S113045918**

Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	CRUZ, CARLOS/PEDRO MORALES
Entity Title:	Not reported
Affiliation Address:	3304 N.Figueroa Street
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90065
Affiliation Phone:	(323) 224-1888
Affiliation Type Desc:	Operator
Entity Name:	Carlos Cruz
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(323) 224-1888

P113 **BROMACK MANUFACTURING INC** **RCRA NonGen / NLR** **1024795533**
SSW **3005 HUMBOLDT ST** **CAL000167538**
1/8-1/4 **LOS ANGELES, CA 90031**
0.212 mi.
1119 ft. **Site 1 of 5 in cluster P**

Relative:
Lower

Actual:
361 ft.

RCRA NonGen / NLR:

Date form received by agency:	04/11/1995
Facility name:	BROMACK MANUFACTURING INC
Facility address:	3005 HUMBOLDT ST LOS ANGELES, CA 90031-0000
EPA ID:	CAL000167538
Contact:	KURT WEBSTER CONTROLLER
Contact address:	3005 HUMBOLDT ST LOS ANGELES, CA 90031-0000
Contact country:	Not reported
Contact telephone:	323-227-5000
Contact email:	KURT.WEBSTER@BROMACK.COM
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	KURT WEBSTER CONTROLLER
Owner/operator address:	3005 HUMBOLDT ST LOS ANGELES, CA 90031
Owner/operator country:	Not reported
Owner/operator telephone:	323-227-5000
Owner/operator email:	Not reported

BROMACK MANUFACTURING INC (Continued) **1024795533**

Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: BROWN S MCPHERSON III
Owner/operator address: 3005 HUMBOLDT ST
LOS ANGELES, CA 90031
Owner/operator country: Not reported
Owner/operator telephone: 323-227-5000
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: Yes
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

P114 **THE BROMACK COMPANY** **CERS HAZ WASTE** **S102825030**
SSW **3005 HUMBOLDT ST** **EMI** **N/A**
1/8-1/4 **LOS ANGELES, CA 90031** **HAZNET**
0.212 mi. **HAZMAT**
1119 ft. **Site 2 of 5 in cluster P** **CERS**

Relative:
Lower

Actual:
361 ft.

CERS HAZ WASTE:
Site ID: 160621
CERS ID: 10251391
CERS Description: Hazardous Waste Generator

Violations:
Site ID: 160621
Site Name: THE BROMACK CO
Violation Date: 07-25-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to establish and electronically submit an adequate training program in safety procedures in the event of a release or threatened release of a hazardous material.

THE BROMACK COMPANY (Continued) **S102825030**

Violation Notes:	Returned to compliance on 08/09/2016.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	160621
Site Name:	THE BROMACK CO
Violation Date:	07-25-2016
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Returned to compliance on 08/09/2016.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	160621
Site Name:	THE BROMACK CO
Violation Date:	07-25-2016
Citation:	HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507
Violation Description:	Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Returned to compliance on 08/09/2016.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	160621
Site Name:	THE BROMACK CO
Violation Date:	07-25-2016
Citation:	HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description:	Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.
Violation Notes:	Returned to compliance on 08/09/2016.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	160621
Site Name:	THE BROMACK CO
Violation Date:	09-17-2018
Citation:	40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description:	Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or

THE BROMACK COMPANY (Continued) **S102825030**

	stored in a manner which may rupture the container or cause it to leak.
Violation Notes:	Returned to compliance on 09/17/2018. OBSERVATION: Waste glue in several 5-gallon containers were observed open. CORRECTIVE ACTION: Submit photos to the CUPA demonstrating that the container listed above has been properly closed.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	160621
Site Name:	THE BROMACK CO
Violation Date:	09-17-2018
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 09/17/2018. OBSERVATION: Two 55-gallon drums of waste glue located at hazardous waste storage area were observed without a hazardous waste label. CORRECTIVE ACTION: Submit a photo to the CUPA demonstrating that the container listed above has been properly labeled.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	160621
Site Name:	THE BROMACK CO
Violation Date:	07-25-2016
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 08/09/2016.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	160621
Site Name:	THE BROMACK CO
Violation Date:	07-25-2016
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.
Violation Notes:	Returned to compliance on 08/09/2016.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	160621

THE BROMACK COMPANY (Continued) **S102825030**

Site Name:	THE BROMACK CO
Violation Date:	08-25-2015
Citation:	22 CCR 12 66262.20 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.20
Violation Description:	Failure to prepare a hazardous waste manifest for the transport of a hazardous waste for off-site transfer, treatment, storage, or disposal.
Violation Notes:	Returned to compliance on 05/30/2017. OBSERVATION: The Owner/Operator to provide receipt/manifests for the following items: ? Facility does not have rags on manifest or other receipts, rags were described as normal part of the process (cleaning glue of the edges of wood) ? Filters not on manifest or other receipt ? Missing manifest for 2013 CORRECTIVE ACTION: The Owner/Operator shall properly prepare manifests for any transport of a hazardous waste for off-site transfer, treatment, storage or disposal going forward. Provide a copy of a prepared manifest to the CUPA to verify compliance.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	160621
Site Name:	THE BROMACK CO
Violation Date:	08-25-2015
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 08/31/2017. OBSERVATION: Accumulation start date missing from paint waste solvent container. All hazardous waste containers shall be marked with the following information: 1) the words ?Hazardous Waste?; 2) name and address of generator; 3) hazardous properties; 4) physical state; 5) composition (contents); 6) accumulation start date. CORRECTIVE ACTION: Immediately label these containers and ensure that all hazardous waste containers are marked with all the required information.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	160621
Site Name:	THE BROMACK CO
Violation Date:	07-25-2016
Citation:	HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description:	Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes:	Returned to compliance on 08/09/2016.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	160621
Site Name:	THE BROMACK CO
Violation Date:	08-25-2015

THE BROMACK COMPANY (Continued) **S102825030**

Citation: 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description: Failure to obtain and/or maintain an Active EPA ID.
Violation Notes: Returned to compliance on 06/12/2017. OBSERVATION: This facility failed to provide proof of valid EPA ID number to manage hazardous waste. A hazardous waste generator shall not treat, store, dispose of, transport or offer for transportation, hazardous waste without an EPA ID number. CORRECTIVE ACTION: Immediately obtain an EPA ID number through DTSC to manage hazardous waste and submit evidence to the CUPA.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 160621
Site Name: THE BROMACK CO
Violation Date: 08-25-2015
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Haz Waste Generator Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 06/12/2017. OBSERVATION: The Owner/Operator failed to provide proof of consolidate hazardous material/hazardous waste permit. CORRECTIVE ACTION: The Owner/Operator shall immediately provide valid copy of hazardous material/hazardous waste permit. Every person, business, or business concern within the jurisdiction of the LACoCUPA and subject to the requirements of one or more of the program elements shall be required to pay the applicable annual fees and any applicable late payment penalty and apply for and obtain from the LACoCUPA a unified program facility permit for the program elements applicable to such facility prior to the commencement of any business or activity related to any of the program elements. Upon receipt of full payment from a unified program facility for all the annual fees, including previous unpaid annual fees, any late payment penalties and the state imposed service charge, assessed pursuant to this chapter and provided all of the applicable regulatory [Truncated]
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 06-12-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-25-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Please comply with the following to avoid legal action. Upon completion notify inspector Hamilton at steven.hamilton@lacity.org so the violations can be cleared. 1. Please remember that CERS needs to be updated 1 time per year between Jan 1 and March 1 2. Attach your

THE BROMACK COMPANY (Continued) **S102825030**

contingency plan to the plans section of CERS. I have given you the blank form for you to fill out and upload to the system. If you use this form you can check that the employ training is located in another portion of CERS. 3. Obtain a consolidated permit from the Los Angeles Fire department. Please contact Elva Davila at (213)978-3576 within the next 7 days to avoid legal action. Elva Davila will instruct you how to obtain your permit

Eval Division: Los Angeles City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 08-31-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 05-23-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 05-30-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-25-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Oscar Gonzales, Foreman
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-17-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Margie Esquivel, Executive Assistant
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

THE BROMACK COMPANY (Continued) **S102825030**

Coordinates:

Site ID:	160621
Facility Name:	THE BROMACK CO
Env Int Type Code:	HWG
Program ID:	10251391
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.
Latitude:	34.081060
Longitude:	-118.216680

Affiliation:

Affiliation Type Desc:	Document Preparer
Entity Name:	Kurt Webster
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	3005 HUMBOLDT ST
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90031
Affiliation Phone:	Not reported

Affiliation Type Desc:	Legal Owner
Entity Name:	Bromack Manufacturing, Inc.
Entity Title:	Not reported
Affiliation Address:	3005 HUMBOLDT ST
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90031
Affiliation Phone:	(323) 227-5000

Affiliation Type Desc:	Parent Corporation
Entity Name:	THE BROMACK CO
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Identification Signer
Entity Name:	KURT WEBSTER
Entity Title:	Controller
Affiliation Address:	Not reported
Affiliation City:	Not reported

THE BROMACK COMPANY (Continued) **S102825030**

Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Operator
Entity Name:	Bromack
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(323) 227-5000

Affiliation Type Desc:	CUPA District
Entity Name:	Los Angeles City Fire Department
Entity Title:	Not reported
Affiliation Address:	200 North Main Street, Room 1780
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90012
Affiliation Phone:	(213) 978-3680

EMI:

Year:	1990
County Code:	19
Air Basin:	SC
Facility ID:	78159
Air District Name:	SC
SIC Code:	2521
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

HAZNET:

Name:	BROMACK MANUFACTURING INC
Address:	3005 HUMBOLDT ST
City,State,Zip:	LOS ANGELES, CA 900310000
Year:	2015
GEPAID:	CAL000167538
Contact:	KURT WEBSTER CONTROLLER
Telephone:	3232275000
Mailing Name:	Not reported
Mailing Address:	PO BOX 31354
Mailing City,St,Zip:	LOS ANGELES, CA 900310000
Gen County:	Los Angeles

THE BROMACK COMPANY (Continued) **S102825030**

TSD EPA ID: CAD008252405
TSD County: Los Angeles
Tons: 0.3
CA Waste Code: 513-Empty containers less than 30 gallons
Method: H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Los Angeles

Name: BROMACK MANUFACTURING INC
Address: 3005 HUMBOLDT ST
City,State,Zip: LOS ANGELES, CA 900310000
Year: 2015
GEPAID: CAL000167538
Contact: KURT WEBSTER CONTROLLER
Telephone: 3232275000
Mailing Name: Not reported
Mailing Address: PO BOX 31354
Mailing City,St,Zip: LOS ANGELES, CA 900310000
Gen County: Los Angeles
TSD EPA ID: CAD008252405
TSD County: Los Angeles
Tons: 0.125
CA Waste Code: 352-Other organic solids
Method: H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Los Angeles

Name: THE BROMACK CO
Address: 3005 HUMBOLDT ST
City,State,Zip: LOS ANGELES, CA 900310000
Year: 1995
GEPAID: CAL000167538
Contact: KURT WEBSTER CONTROLLER
Telephone: 3232275000
Mailing Name: Not reported
Mailing Address: 3005 HUMBOLDT ST
Mailing City,St,Zip: LOS ANGELES, CA 900310000
Gen County: Los Angeles
TSD EPA ID: CAD089446710
TSD County: Los Angeles
Tons: 0.363
CA Waste Code: 331-Off-specification, aged or surplus organics
Method: H01-Transfer Station
Facility County: Los Angeles

Name: THE BROMACK CO
Address: 3005 HUMBOLDT ST
City,State,Zip: LOS ANGELES, CA 900310000
Year: 1995
GEPAID: CAL000167538
Contact: KURT WEBSTER CONTROLLER
Telephone: 3232275000
Mailing Name: Not reported
Mailing Address: 3005 HUMBOLDT ST
Mailing City,St,Zip: LOS ANGELES, CA 900310000
Gen County: Los Angeles
TSD EPA ID: CAD089446710

THE BROMACK COMPANY (Continued) **S102825030**

TSD County: Los Angeles
Tons: 0.3
CA Waste Code: 513-Empty containers less than 30 gallons
Method: H01-Transfer Station
Facility County: Los Angeles

LOS ANGELES HM:
Facility ID: FA0027058
Last Run Date: 01/01/2019
Status: ACTIVE

CERS TANKS:
Site ID: 160621
CERS ID: 10251391
Site Name: THE BROMACK CO
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 160621
Site Name: THE BROMACK CO
Violation Date: 07-25-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to establish and electronically submit an adequate training program in safety procedures in the event of a release or threatened release of a hazardous material.
Violation Notes: Returned to compliance on 08/09/2016.
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 160621
Site Name: THE BROMACK CO
Violation Date: 07-25-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 08/09/2016.
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 160621
Site Name: THE BROMACK CO
Violation Date: 07-25-2016
Citation: HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507
Violation Description: Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 08/09/2016.
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS

THE BROMACK COMPANY (Continued) **S102825030**

Site ID:	160621
Site Name:	THE BROMACK CO
Violation Date:	07-25-2016
Citation:	HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description:	Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.
Violation Notes:	Returned to compliance on 08/09/2016.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	160621
Site Name:	THE BROMACK CO
Violation Date:	09-17-2018
Citation:	40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description:	Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Notes:	Returned to compliance on 09/17/2018. OBSERVATION: Waste glue in several 5-gallon containers were observed open. CORRECTIVE ACTION: Submit photos to the CUPA demonstrating that the container listed above has been properly closed.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS

Site ID:	160621
Site Name:	THE BROMACK CO
Violation Date:	09-17-2018
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 09/17/2018. OBSERVATION: Two 55-gallon drums of waste glue located at hazardous waste storage area were observed without a hazardous waste label. CORRECTIVE ACTION: Submit a photo to the CUPA demonstrating that the container listed above has been properly labeled.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS

Site ID:	160621
Site Name:	THE BROMACK CO

THE BROMACK COMPANY (Continued) **S102825030**

Violation Date:	07-25-2016
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 08/09/2016.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	160621
Site Name:	THE BROMACK CO
Violation Date:	07-25-2016
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.
Violation Notes:	Returned to compliance on 08/09/2016.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	160621
Site Name:	THE BROMACK CO
Violation Date:	08-25-2015
Citation:	22 CCR 12 66262.20 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.20
Violation Description:	Failure to prepare a hazardous waste manifest for the transport of a hazardous waste for off-site transfer, treatment, storage, or disposal.
Violation Notes:	Returned to compliance on 05/30/2017. OBSERVATION: The Owner/Operator to provide receipt/manifests for the following items: ? Facility does not have rags on manifest or other receipts, rags were described as normal part of the process (cleaning glue of the edges of wood) ? Filters not on manifest or other receipt ? Missing manifest for 2013 CORRECTIVE ACTION: The Owner/Operator shall properly prepare manifests for any transport of a hazardous waste for off-site transfer, treatment, storage or disposal going forward. Provide a copy of a prepared manifest to the CUPA to verify compliance.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	160621
Site Name:	THE BROMACK CO
Violation Date:	08-25-2015
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 08/31/2017. OBSERVATION: Accumulation start date missing from paint waste solvent container. All hazardous waste

THE BROMACK COMPANY (Continued) **S102825030**

containers shall be marked with the following information: 1) the words ?Hazardous Waste?; 2) name and address of generator; 3) hazardous properties; 4) physical state; 5) composition (contents); 6) accumulation start date. CORRECTIVE ACTION: Immediately label these containers and ensure that all hazardous waste containers are marked with all the required information.

Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 160621
Site Name: THE BROMACK CO
Violation Date: 07-25-2016
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes: Returned to compliance on 08/09/2016.
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 160621
Site Name: THE BROMACK CO
Violation Date: 08-25-2015
Citation: 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description: Failure to obtain and/or maintain an Active EPA ID.
Violation Notes: Returned to compliance on 06/12/2017. OBSERVATION: This facility failed to provide proof of valid EPA ID number to manage hazardous waste. A hazardous waste generator shall not treat, store, dispose of, transport or offer for transportation, hazardous waste without an EPA ID number. CORRECTIVE ACTION: Immediately obtain an EPA ID number through DTSC to manage hazardous waste and submit evidence to the CUPA.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 160621
Site Name: THE BROMACK CO
Violation Date: 08-25-2015
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Haz Waste Generator Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 06/12/2017. OBSERVATION: The Owner/Operator failed to provide proof of consolidate hazardous material/hazardous waste permit. CORRECTIVE ACTION: The Owner/Operator shall immediately provide valid copy of hazardous material/hazardous waste permit. Every person, business, or business concern within the jurisdiction of the LACoCUPA and subject to the requirements of one or more of the program elements shall be required to pay the applicable annual fees and any applicable late payment penalty and apply for and obtain from the LACoCUPA a unified program facility permit for the program elements applicable to such facility prior to the commencement of any business or activity related to any of the program elements. Upon receipt of

THE BROMACK COMPANY (Continued) **S102825030**

full payment from a unified program facility for all the annual fees, including previous unpaid annual fees, any late payment penalties and the state imposed service charge, assessed pursuant to this chapter and provided all of the applicable regulatory [Truncated]

Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Evaluation:

Eval General Type: Other/Unknown
Eval Date: 06-12-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-25-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Please comply with the following to avoid legal action. Upon completion notify inspector Hamilton at steven.hamilton@lacity.org so the violations can be cleared. 1. Please remember that CERS needs to be updated 1 time per year between Jan 1 and March 1 2. Attach your contingency plan to the plans section of CERS. I have given you the blank form for you to fill out and upload to the system. If you use this form you can check that the employ training is located in another portion of CERS. 3. Obtain a consolidated permit from the Los Angeles Fire department. Please contact Elva Davila at (213)978-3576 within the next 7 days to avoid legal action. Elva Davila will instruct you how to obtain your permit
Eval Division: Los Angeles City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 08-31-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 05-23-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 05-30-2017

THE BROMACK COMPANY (Continued) **S102825030**

Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-25-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Oscar Gonzales, Foreman
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-17-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Margie Esquivel, Executive Assistant
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Coordinates:
Site ID: 160621
Facility Name: THE BROMACK CO
Env Int Type Code: HWG
Program ID: 10251391
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 34.081060
Longitude: -118.216680

Affiliation:
Affiliation Type Desc: Document Preparer
Entity Name: Kurt Webster
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 3005 HUMBOLDT ST
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90031
Affiliation Phone: Not reported

THE BROMACK COMPANY (Continued) **S102825030**

Affiliation Type Desc:	Legal Owner
Entity Name:	Bromack Manufacturing, Inc.
Entity Title:	Not reported
Affiliation Address:	3005 HUMBOLDT ST
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90031
Affiliation Phone:	(323) 227-5000

Affiliation Type Desc:	Parent Corporation
Entity Name:	THE BROMACK CO
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Identification Signer
Entity Name:	KURT WEBSTER
Entity Title:	Controller
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Operator
Entity Name:	Bromack
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(323) 227-5000

Affiliation Type Desc:	CUPA District
Entity Name:	Los Angeles City Fire Department
Entity Title:	Not reported
Affiliation Address:	200 North Main Street, Room 1780
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90012
Affiliation Phone:	(213) 978-3680

Q115
West
1/8-1/4
0.224 mi.
1182 ft.

FACTORY APRON/TOWEL SUPPLY INC
3200 N FIGUEROA ST
LOS ANGELES, CA 90065

Site 1 of 5 in cluster Q

SWEEPS UST
HIST UST
CA FID UST
EMI
HAZMAT

S101585258
N/A

Relative:
Lower

Actual:
352 ft.

SWEEPS UST:

Status:	Not reported
Comp Number:	1301
Number:	Not reported
Board Of Equalization:	44-011721
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-050-001301-000001
Tank Status:	Not reported
Capacity:	2000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	REG UNLEADED
Number Of Tanks:	5

Status:	Not reported
Comp Number:	1301
Number:	Not reported
Board Of Equalization:	44-011721
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-050-001301-000002
Tank Status:	Not reported
Capacity:	10000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	REG UNLEADED
Number Of Tanks:	Not reported

Status:	Not reported
Comp Number:	1301
Number:	Not reported
Board Of Equalization:	44-011721
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-050-001301-000003
Tank Status:	Not reported
Capacity:	2000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	DIESEL
Number Of Tanks:	Not reported

Status:	Not reported

FACTORY APRON/TOWEL SUPPLY INC (Continued) **S101585258**

Comp Number: 1301
Number: Not reported
Board Of Equalization: 44-011721
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-001301-000004
Tank Status: Not reported
Capacity: Not reported
Active Date: Not reported
Tank Use: CHEMICAL
STG: PRODUCT
Content: UNKNOWN
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 1301
Number: Not reported
Board Of Equalization: 44-011721
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-001301-000005
Tank Status: Not reported
Capacity: 400
Active Date: Not reported
Tank Use: CHEMICAL
STG: PRODUCT
Content: UNKNOWN
Number Of Tanks: Not reported

HIST UST:
File Number: 000266AE
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000266AE.pdf
Region: Not reported
Facility ID: Not reported
Facility Type: Not reported
Other Type: Not reported
Contact Name: Not reported
Telephone: Not reported
Owner Name: Not reported
Owner Address: Not reported
Owner City,St,Zip: Not reported
Total Tanks: Not reported

Tank Num: Not reported
Container Num: Not reported
Year Installed: Not reported
Tank Capacity: Not reported
Tank Used for: Not reported
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Not reported

Tank Num: Not reported

FACTORY APRON/TOWEL SUPPLY INC (Continued) **S101585258**

Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Click here for Geo Tracker PDF:

CA FID UST:

Facility ID:	19021813
Regulated By:	UTNKI
Regulated ID:	00017635
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2132256161
Mail To:	Not reported
Mailing Address:	3200 N FIGUEROA ST
Mailing Address 2:	Not reported
Mailing City,St,Zip:	LOS ANGELES 900650000
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Inactive

EMI:

Year:	1990
County Code:	19
Air Basin:	SC
Facility ID:	44784
Air District Name:	SC
SIC Code:	7213
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	1
NOX - Oxides of Nitrogen Tons/Yr:	2
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1995
County Code:	19
Air Basin:	SC
Facility ID:	44784
Air District Name:	SC
SIC Code:	7213
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported

FACTORY APRON/TOWEL SUPPLY INC (Continued) **S101585258**

Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	1
NOX - Oxides of Nitrogen Tons/Yr:	2
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

LOS ANGELES HM:

Facility ID:	FA0035668
Last Run Date:	01/01/2019
Status:	ACTIVE

Q116 **AMERICAN WEST FINISHING** **UST** **U004307769**
West **3200 N FIGUEROA ST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90065**
0.224 mi.
1182 ft. **Site 2 of 5 in cluster Q**

Relative: LOS ANGELES UST:
Lower

Facility ID:	FA0035668
Last Run Date:	01/01/2019
Status:	INACTIVE

Actual:
352 ft.

Q117 **FACTORY ARRON & TOWEL SUPPLY INC** **DRYCLEANERS** **S121698666**
West **3200 N FIGUEROA ST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90065**
0.224 mi.
1182 ft. **Site 3 of 5 in cluster Q**

Relative: DRYCLEAN SOUTH COAST:
Lower

Facility ID:	5799
Application Number:	A61713
Permit Number:	P40638
Status:	O
Representative Name:	Not reported
Representative Telephone:	Not reported
Permit Status:	INACTIVE
BCAT Number:	000234
BCAT Description:	DRY CLEANING EQUIP PERCHLOROETHYLENE
CCAT Number:	02
CCAT Description:	ADSORBER (DRY CLEANING) REGENERATIVE
UTM East:	0
UTM North:	0

Actual:
352 ft.

Q118
West
1/8-1/4
0.224 mi.
1182 ft.

RENTA UNIFORM & TOWEL SUPPLY
3200 NORTH FIGUEROA STREET
LOS ANGELES, CA 90065
Site 4 of 5 in cluster Q

RCRA-SQG 1000395446
HIST UST CAD981462849
FINDS
ECHO

Relative:
Lower

Actual:
352 ft.

RCRA-SQG:

Date form received by agency:	09/01/1996
Facility name:	RENTA UNIFORM & TOWEL SUPPLY
Facility address:	3200 NORTH FIGUEROA STREET LOS ANGELES, CA 90065
EPA ID:	CAD981462849
Mailing address:	NORTH FIGUEROA STREET LOS ANGELES, CA 90065
Contact:	Not reported
Contact address:	Not reported Not reported
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	09
Land type:	Facility is not located on Indian land. Additional information is not known.
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	NOT REQUIRED
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	415-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	RENTA UNIFORM & TOWEL
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	415-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No

RENTA UNIFORM & TOWEL SUPPLY (Continued) **1000395446**

Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 04/10/1990
Site name: RENTA UNIFORM & TOWEL /RELIABLE TEXTILE
Classification: Large Quantity Generator

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 05/20/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 05/19/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

HIST UST:
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000041231
Facility Type: Other
Other Type: LAUNDRY & LINEN SUPP
Contact Name: Not reported
Telephone: 2132256161
Owner Name: FACTORY APRON & TOWEL, DBA REN
Owner Address: 3200 N. FIGUEROA STREET
Owner City,St,Zip: LOS ANGELES, CA 90065
Total Tanks: 0001

Tank Num: 001
Container Num: B-1
Year Installed: 1959
Tank Capacity: 00005000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual

RENTA UNIFORM & TOWEL SUPPLY (Continued) **1000395446**

Tank Num:	001
Container Num:	G-1
Year Installed:	1959
Tank Capacity:	00002000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Stock Inventor

Tank Num:	002
Container Num:	G-2
Year Installed:	1959
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Stock Inventor

Tank Num:	003
Container Num:	D-1
Year Installed:	1959
Tank Capacity:	00002000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Stock Inventor

Tank Num:	004
Container Num:	001
Year Installed:	1959
Tank Capacity:	00000000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Visual

Tank Num:	005
Container Num:	002
Year Installed:	1959
Tank Capacity:	00000400
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	6
Leak Detection:	Visual

FINDS:

Registry ID: 110002715946

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

RENTA UNIFORM & TOWEL SUPPLY (Continued) **1000395446**

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000395446
Registry ID: 110002715946
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002715946

N119 **NI WEST INCORPORATED** **SEMS-ARCHIVE** **1000710142**
SSW **3011 HUMBOLDT STREET** **CAD983657529**
1/8-1/4 **LOS ANGELES, CA 90031**
0.229 mi.
1211 ft. **Site 8 of 8 in cluster N**

Relative: **Lower**
Actual: **359 ft.**

SEMS Archive:
Site ID: 0904762
EPA ID: CAD983657529
Cong District: 24
FIPS Code: 06037
FF: N
NPL: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:
Region: 09
Site ID: 0904762
EPA ID: CAD983657529
Site Name: NI WEST INCORPORATED
NPL: N
FF: N
OU: 00
Action Code: VS
Action Name: ARCH SITE
SEQ: 1
Start Date: Not reported
Finish Date: 2013-11-07 05:00:00
Qual: Not reported
Current Action Lead: EPA Perf In-Hse

Region: 09
Site ID: 0904762
EPA ID: CAD983657529
Site Name: NI WEST INCORPORATED
NPL: N
FF: N
OU: 00
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1993-01-25 05:00:00
Finish Date: 1993-01-25 05:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0904762
EPA ID: CAD983657529

NI WEST INCORPORATED (Continued) **1000710142**

Site Name:	NI WEST INCORPORATED
NPL:	N
FF:	N
OU:	00
Action Code:	NX
Action Name:	COMB PA/SI
SEQ:	1
Start Date:	2003-03-01 05:00:00
Finish Date:	2005-09-12 04:00:00
Qual:	N
Current Action Lead:	EPA Perf

R120 **LOS ANGELES USD NIGHTINGAL JR HG SCHOOL** **RCRA-SQG** **1000102133**
NW **3311 N FIGUEROA ST** **FINDS** **CAD982022584**
1/8-1/4 **LOS ANGELES, CA 90065** **ECHO**
0.230 mi.
1216 ft. **Site 1 of 2 in cluster R**

Relative:
Higher

Actual:
380 ft.

RCRA-SQG:

Date form received by agency:	02/01/2006
Facility name:	LAUSD-NIGHTINGALE MIDDLE SCHOOL
Facility address:	3311 N. FIGUEROA STREET LOS ANGELES, CA 90065
EPA ID:	CAD982022584
Mailing address:	333 S. BEAUDRY AVE, 20TH FLOOR LOS ANGELES, CA 90017
Contact:	SOE AUNG
Contact address:	Not reported Not reported
Contact country:	US
Contact telephone:	213-241-3904
Contact email:	SOE.AUNG@LAUSD.NET
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	415-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Municipal
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	NOT REQUIRED
Owner/operator address:	NOT REQUIRED

LOS ANGELES USD NIGHTINGAL JR HG SCHOOL (Continued) **1000102133**

NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Municipal
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Owner/operator address: 333 S. BEAUDRY AVE, 20TH FLOOR
LOS ANGELES, CA 90017
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: State
Owner/Operator Type: Owner
Owner/Op start date: 01/01/2005
Owner/Op end date: Not reported

Owner/operator name: LAUSD-NIGHTINGALE MIDDLE SCHOOL
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: State
Owner/Operator Type: Operator
Owner/Op start date: 01/01/2005
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 02/01/2006

LOS ANGELES USD NIGHTINGAL JR HG SCHOOL (Continued) **1000102133**

Site name: LAUSD-NIGHTINGALE MIDDLE SCHOOL
Classification: Large Quantity Generator

Date form received by agency: 08/07/1987
Site name: LOS ANGELES USD NIGHTINGAL JR HG SCHOOL
Classification: Small Quantity Generator

Hazardous Waste Summary:

. Waste code: 181
. Waste name: Other inorganic solid waste

. Waste code: D008
. Waste name: LEAD

Violation Status: No violations found

FINDS:

Registry ID: 110002779191

Environmental Interest/Information System

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000102133
Registry ID: 110002779191
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002779191

R121 **LAUSD/NIGHTINGALE JH** **CERS HAZ WASTE** **S113012608**
NW **3311 N FIGUEROA ST** **HAZNET** **N/A**
1/8-1/4 **LOS ANGELES, CA 90065** **HAZMAT**
0.230 mi. **CERS**
1216 ft. **Site 2 of 2 in cluster R**

Relative: **Higher**
Actual: **380 ft.**

CERS HAZ WASTE:
Site ID: 52194
CERS ID: 10491667
CERS Description: Hazardous Waste Generator

Violations:
Site ID: 52194

LAUSD/NIGHTINGALE JH (Continued) **S113012608**

Site Name: Nightingale Middle School
Violation Date: 10-25-2018
Citation: 22 CCR 23 66273.34 - California Code of Regulations, Title 22, Chapter 23, Section(s) 66273.34
Violation Description: Failure to label or mark each individual or container or the designated area of universal waste as required. 1) Waste batteries shall be marked with "Universal Waste-Battery(ies)?. 2) Mercury containing equipment shall be marked with "Universal Waste -Mercury-Containing Equipment?. 3) Lamps shall be marked with ?Universal Waste-Lamp(s)?. 4)Each electronic devices or the container or the designated area shall be marked with ?Universal Waste-Electronic Device(s)?. 5) Each CRTs or the container or the designated area shall be marked with "Universal Waste-CRT(s)?. 6) CRT glass or the designated area shall be marked with ?Universal Waste-CRT glass?.
Violation Notes: Returned to compliance on 03/05/2019. OBSERVATION: Owner/Operator failed to properly label universal waste. CORRECTIVE ACTION: Properly label universal waste fluorescent lamps and submit statement of compliance and/or a photo of the waste labeled properly.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 03-05-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-03-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Irish Isaac (Environmental Safety Officer) Observed no significant violation on site at time of inspection.
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-16-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: jardiel.ochoa@lausd.net
Eval Division: Los Angeles City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-25-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Carmen Trejo, Buildings and Grounds Worker

LAUSD/NIGHTINGALE JH (Continued) **S113012608**

Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Coordinates:
Site ID: 52194
Facility Name: Nightingale Middle School
Env Int Type Code: HWG
Program ID: 10491667
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 34.087670
Longitude: -118.219120

Affiliation:
Affiliation Type Desc: Document Preparer
Entity Name: Irish Isaac
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Entity Title: Not reported
Affiliation Address: 333 S BEAUDRY AVE, 21st. FL
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 90017
Affiliation Phone: (213) 241-3199

Affiliation Type Desc: Parent Corporation
Entity Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: CUPA District
Entity Name: Los Angeles City Fire Department
Entity Title: Not reported
Affiliation Address: 200 North Main Street, Room 1780
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90012
Affiliation Phone: (213) 978-3680

Affiliation Type Desc: Facility Mailing Address

LAUSD/NIGHTINGALE JH (Continued) **S113012608**

Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	333 S BEAUDRY AVE 21st FL
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90017
Affiliation Phone:	Not reported
Affiliation Type Desc:	Property Owner
Entity Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Entity Title:	Not reported
Affiliation Address:	333 S BEAUDRY AVE, 21ST. FLOOR
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90017
Affiliation Phone:	(213) 241-3199
Affiliation Type Desc:	Environmental Contact
Entity Name:	GRETA GALOUSTIAN
Entity Title:	Not reported
Affiliation Address:	333 S BEAUDRY AV 21ST FL
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90017
Affiliation Phone:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	Douglas Meza
Entity Title:	PRINCIPAL
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Operator
Entity Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(213) 241-3199

HAZNET:

Name:	LAUSD/NIGHTINGALE JH
Address:	3311 N FIGUEROA ST
City,State,Zip:	LOS ANGELES, CA 900650000
Year:	2014
GEPAID:	CAD982022584
Contact:	PAT SCHAENEN

LAUSD/NIGHTINGALE JH (Continued) **S113012608**

Telephone:	2132413921
Mailing Name:	Not reported
Mailing Address:	420 S BEAUDRY AVE FL 28
Mailing City,St,Zip:	LOS ANGELES, CA 900170000
Gen County:	Los Angeles
TSD EPA ID:	CAD009007626
TSD County:	Los Angeles
Tons:	1.2
CA Waste Code:	151-Asbestos containing waste
Method:	H132-Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Facility County:	Los Angeles

Name:	LAUSD/NIGHTINGALE JH
Address:	3311 N FIGUEROA ST
City,State,Zip:	LOS ANGELES, CA 900650000
Year:	2013
GEPAID:	CAD982022584
Contact:	SOE AUNG
Telephone:	2137455939
Mailing Name:	Not reported
Mailing Address:	333 S BEAUNDRY AVE 28TH FLR
Mailing City,St,Zip:	LOS ANGELES, CA 900170000
Gen County:	Los Angeles
TSD EPA ID:	CAD009007626
TSD County:	Los Angeles
Tons:	0.4
CA Waste Code:	151-Asbestos containing waste
Method:	H132-Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Facility County:	Los Angeles

Name:	LAUSD/NIGHTINGALE JH
Address:	3311 N FIGUEROA ST
City,State,Zip:	LOS ANGELES, CA 900650000
Year:	2012
GEPAID:	CAD982022584
Contact:	SOE AUNG
Telephone:	2137455939
Mailing Name:	Not reported
Mailing Address:	333 S BEAUNDRY AVE 28TH FLR
Mailing City,St,Zip:	LOS ANGELES, CA 900170000
Gen County:	Los Angeles
TSD EPA ID:	CAD028409019
TSD County:	Los Angeles
Tons:	0.0325
CA Waste Code:	551-Laboratory waste chemicals
Method:	H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	Los Angeles

Name:	LAUSD/NIGHTINGALE JH
Address:	3311 N FIGUEROA ST
City,State,Zip:	LOS ANGELES, CA 900650000
Year:	2009
GEPAID:	CAD982022584
Contact:	SOE AUNG

LAUSD/NIGHTINGALE JH (Continued) **S113012608**

Telephone: 2137455939
Mailing Name: Not reported
Mailing Address: 333 S BEAUNDRY AVE 28TH FLR
Mailing City,St,Zip: LOS ANGELES, CA 900170000
Gen County: Los Angeles
TSD EPA ID: CAD009007626
TSD County: Los Angeles
Tons: 31.2
CA Waste Code: 151-Asbestos containing waste
Method: H132-Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Facility County: Los Angeles

Name: LAUSD/NIGHTINGALE JH
Address: 3311 N FIGUEROA ST
City,State,Zip: LOS ANGELES, CA 900650000
Year: 2009
GEPAID: CAD982022584
Contact: SOE AUNG
Telephone: 2137455939
Mailing Name: Not reported
Mailing Address: 333 S BEAUNDRY AVE 28TH FLR
Mailing City,St,Zip: LOS ANGELES, CA 900170000
Gen County: Los Angeles
TSD EPA ID: CAD028409019
TSD County: Los Angeles
Tons: 0.025
CA Waste Code: 181-Other inorganic solid waste
Method: H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Los Angeles

Click this hyperlink while viewing on your computer to access
14 additional CA_HAZNET: record(s) in the EDR Site Report.

LOS ANGELES HM:
Facility ID: FA0013603
Last Run Date: 01/01/2019
Status: ACTIVE

CERS TANKS:
Site ID: 52194
CERS ID: 10491667
Site Name: NIGHTINGALE MIDDLE SCHOOL
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 52194
Site Name: Nightingale Middle School
Violation Date: 10-25-2018
Citation: 22 CCR 23 66273.34 - California Code of Regulations, Title 22, Chapter 23, Section(s) 66273.34
Violation Description: Failure to label or mark each individual or container or the designated area of universal waste as required. 1) Waste batteries shall be marked with "Universal Waste-Battery(ies)?. 2) Mercury containing equipment shall be marked with "Universal Waste -Mercury-Containing Equipment?. 3) Lamps shall be marked with

LAUSD/NIGHTINGALE JH (Continued) **S113012608**

?Universal Waste-Lamp(s)?. 4)Each electronic devices or the container or the designated area shall be marked with ?Universal Waste-Electronic Device(s)?. 5) Each CRTs or the container or the designated area shall be marked with "Universal Waste-CRT(s)?. 6) CRT glass or the designated area shall be marked with ?Universal Waste-CRT glass?.

Violation Notes: Returned to compliance on 03/05/2019. OBSERVATION: Owner/Operator failed to properly label universal waste. CORRECTIVE ACTION: Properly label universal waste fluorescent lamps and submit statement of compliance and/or a photo of the waste labeled properly.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 03-05-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-03-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Irish Isaac (Environmental Safety Officer) Observed no significant violation on site at time of inspection.
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-16-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: jardiel.ochoa@lausd.net
Eval Division: Los Angeles City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-25-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Carmen Trejo, Buildings and Grounds Worker
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Coordinates:
Site ID: 52194
Facility Name: Nightingale Middle School
Env Int Type Code: HWG

LAUSD/NIGHTINGALE JH (Continued) **S113012608**

Program ID: 10491667
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 34.087670
Longitude: -118.219120

Affiliation:
Affiliation Type Desc: Document Preparer
Entity Name: Irish Isaac
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Entity Title: Not reported
Affiliation Address: 333 S BEAUDRY AVE, 21st. FL
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 90017
Affiliation Phone: (213) 241-3199

Affiliation Type Desc: Parent Corporation
Entity Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: CUPA District
Entity Name: Los Angeles City Fire Department
Entity Title: Not reported
Affiliation Address: 200 North Main Street, Room 1780
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90012
Affiliation Phone: (213) 978-3680

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 333 S BEAUDRY AVE 21st FL
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90017
Affiliation Phone: Not reported

LAUSD/NIGHTINGALE JH (Continued) **S113012608**

Affiliation Type Desc:	Property Owner
Entity Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Entity Title:	Not reported
Affiliation Address:	333 S BEAUDRY AVE, 21ST. FLOOR
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90017
Affiliation Phone:	(213) 241-3199

Affiliation Type Desc:	Environmental Contact
Entity Name:	GRETA GALOUSTIAN
Entity Title:	Not reported
Affiliation Address:	333 S BEAUDRY AV 21ST FL
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90017
Affiliation Phone:	Not reported

Affiliation Type Desc:	Identification Signer
Entity Name:	Douglas Meza
Entity Title:	PRINCIPAL
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Operator
Entity Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(213) 241-3199

P122 **ALVARADO CUSTOM FURNITURE** **RCRA NonGen / NLR** **1024791378**
SSW **2907 HUMBOLDT ST** **CAL000104877**
1/8-1/4 **LOS ANGELES, CA 90031**
0.230 mi.
1217 ft. **Site 3 of 5 in cluster P**

Relative: **Lower**
Actual: **361 ft.**

RCRA NonGen / NLR:

Date form received by agency:	09/16/1998
Facility name:	ALVARADO CUSTOM FURNITURE
Facility address:	2907 HUMBOLDT ST LOS ANGELES, CA 90031-1828
EPA ID:	CAL000104877
Contact:	ROBERT ALVARADO
Contact address:	2907 HUMBOLDT ST LOS ANGELES, CA 90031
Contact country:	Not reported
Contact telephone:	323-222-0038

ALVARADO CUSTOM FURNITURE (Continued) **1024791378**

Contact email: ALVARADOALTACALIDAD@GMAIL.COM
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: ROBERT ALVARADO
Owner/operator address: 2907 HUMBOLDT ST
LOS ANGELES, CA 90031
Owner/operator country: Not reported
Owner/operator telephone: 323-222-0038
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: ROBERT ALVARADO
Owner/operator address: 2907 HUMBOLDT ST
LOS ANGELES, CA 90031
Owner/operator country: Not reported
Owner/operator telephone: 323-222-0038
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: Yes
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

P123 **ALVARADO CUSTOM FURNITURE** **CERS HAZ WASTE** **S123535952**
SSW **2907 E HUMBOLDT ST** **HAZMAT** **N/A**
1/8-1/4 **LOS ANGELES, CA 90031** **CERS**
0.230 mi.
1217 ft. **Site 4 of 5 in cluster P**

Relative: **Lower**
Actual: **361 ft.**

CERS HAZ WASTE:

Site ID:	91388
CERS ID:	10254190
CERS Description:	Hazardous Waste Generator

Violations:

Site ID:	91388
Site Name:	ALVARADO CUSTOM FURNITURE
Violation Date:	05-02-2017
Citation:	HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description:	Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.
Violation Notes:	Returned to compliance on 06/02/2017.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	91388
Site Name:	ALVARADO CUSTOM FURNITURE
Violation Date:	05-02-2017
Citation:	HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description:	Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes:	Returned to compliance on 06/02/2017.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	91388
Site Name:	ALVARADO CUSTOM FURNITURE
Violation Date:	10-31-2018
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	OBSERVATION: 2 x 55 gallon steel drum of (used solvent for glue,acetone, solvent, paint, paint filters) located in the outside the shop but on business property was observed without a hazardous waste label. CORRECTIVE ACTION: Submit a photo to the CUPA demonstrating that the container listed above has been properly labeled.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW

ALVARADO CUSTOM FURNITURE (Continued) **S123535952**

Violation Source:	CERS
Site ID:	91388
Site Name:	ALVARADO CUSTOM FURNITURE
Violation Date:	05-02-2017
Citation:	HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Description:	Failure to notify property owner in writing that the business is subject to the business plan program and has complied with its provisions.
Violation Notes:	Returned to compliance on 06/02/2017.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	91388
Site Name:	ALVARADO CUSTOM FURNITURE
Violation Date:	05-02-2017
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.
Violation Notes:	Returned to compliance on 06/02/2017.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	91388
Site Name:	ALVARADO CUSTOM FURNITURE
Violation Date:	05-02-2017
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 06/02/2017.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	91388
Site Name:	ALVARADO CUSTOM FURNITURE
Violation Date:	08-25-2015
Citation:	22 CCR 12 66262.34(d) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(d)
Violation Description:	Failure to dispose of hazardous waste within 180 days (or 270 if waste is transported over 200 miles) for the generator who generates less than 1000 kilogram per month, but more than 100 kilograms per month.
Violation Notes:	Returned to compliance on 04/07/2016. OBSERVATION: Provide proof of disposal of hazardous waste every 180 days. I.e. Manifest records. Facilities who generate less than 1000 kg of hazardous waste per month and do not exceed 6000 kg of waste stored on site at any time may store waste on site up to 180 days. CORRECTIVE ACTION: Immediately contact a licensed hazardous waste hauler to dispose of this waste under manifest and submit a copy of the manifest to the CUPA.

ALVARADO CUSTOM FURNITURE (Continued) **S123535952**

Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	91388
Site Name:	ALVARADO CUSTOM FURNITURE
Violation Date:	05-02-2017
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 06/02/2017.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	91388
Site Name:	ALVARADO CUSTOM FURNITURE
Violation Date:	05-02-2017
Citation:	HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507
Violation Description:	Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Returned to compliance on 06/02/2017.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	91388
Site Name:	ALVARADO CUSTOM FURNITURE
Violation Date:	08-25-2015
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 04/07/2016. OBSERVATION: Observed 2 x 5 gallon container of paint solvent waste not labeled. All hazardous waste containers shall be marked with the following information: 1) the words ?Hazardous Waste?; 2) name and address of generator; 3) hazardous properties; 4) physical state; 5) composition (contents); 6) accumulation start date. CORRECTIVE ACTION: Immediately label these containers and ensure that all hazardous waste containers are marked with all the required information.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	91388
Site Name:	ALVARADO CUSTOM FURNITURE
Violation Date:	05-02-2017
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to establish and electronically submit an adequate training

ALVARADO CUSTOM FURNITURE (Continued) **S123535952**

	program in safety procedures in the event of a release or threatened release of a hazardous material.
Violation Notes:	Returned to compliance on 06/02/2017.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	91388
Site Name:	ALVARADO CUSTOM FURNITURE
Violation Date:	08-25-2015
Citation:	HSC 6.11 25404.1 - California Health and Safety Code, Chapter 6.11, Section(s) 25404.1
Violation Description:	Failure to obtain and/or maintain an active hazardous waste generator permit.
Violation Notes:	Returned to compliance on 04/07/2016. OBSERVATION: The Owner/Operator failed to provide proof of an active hazardous waste generator permit. CORRECTIVE ACTION: The Owner/Operator shall immediately apply to receive a new or renewed hazardous waste generator permit and maintain that permit as active as long as the facility is in operation and continues to generate hazardous waste.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	91388
Site Name:	ALVARADO CUSTOM FURNITURE
Violation Date:	08-25-2015
Citation:	22 CCR 12 66262.20 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.20
Violation Description:	Failure to prepare a hazardous waste manifest for the transport of a hazardous waste for off-site transfer, treatment, storage, or disposal.
Violation Notes:	Returned to compliance on 04/07/2016. OBSERVATION: The Owner/Operator failed to prepare hazardous waste manifests for the transport of a hazardous waste for off-site transfer, treatment, storage or disposal as required. CORRECTIVE ACTION: The Owner/Operator shall properly prepare manifests for any transport of a hazardous waste for off-site transfer, treatment, storage or disposal going forward. Provide a copy of a prepared manifest to the CUPA to verify compliance.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	91388
Site Name:	ALVARADO CUSTOM FURNITURE
Violation Date:	05-02-2017
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit a site map with all required content.
Violation Notes:	Returned to compliance on 06/02/2017.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	91388
Site Name:	ALVARADO CUSTOM FURNITURE

ALVARADO CUSTOM FURNITURE (Continued) **S123535952**

Violation Date:	05-02-2017
Citation:	HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Description:	Failure to provide a copy of the business plan to the owner or the owner's agent within five working days after receiving a request for a copy from the owner or the owner's agent.
Violation Notes:	Returned to compliance on 06/02/2017.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	91388
Site Name:	ALVARADO CUSTOM FURNITURE
Violation Date:	10-31-2018
Citation:	22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description:	Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes:	OBSERVATION: Uniform Hazardous Waste Manifests for 2 x 55 gallon HW (used solvent for glue,acetone, solvent, paint, paint filters) were not available at the time of inspection. CORRECTIVE ACTION: Locate a copy of all manifests for the 2 x 55 gallon HW (used solvent for glue,acetone, solvent, paint, paint filters) and submit copies to the CUPA.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	91388
Site Name:	ALVARADO CUSTOM FURNITURE
Violation Date:	05-02-2017
Citation:	19 CCR 6.95 25508(a)(1) - California Code of Regulations, Title 19, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page.
Violation Notes:	Returned to compliance on 06/02/2017.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	91388
Site Name:	ALVARADO CUSTOM FURNITURE
Violation Date:	05-02-2017
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Returned to compliance on 06/02/2017.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	91388

ALVARADO CUSTOM FURNITURE (Continued) **S123535952**

Site Name: ALVARADO CUSTOM FURNITURE
Violation Date: 06-20-2017
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 07/20/2017.
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 02-09-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-02-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: 14 x 5 gallons flammable liquid (acetone, mineral sprite, stain, finishes etc.) alvaradoaltacalidad@gmail.com Candice
Eval Division: Los Angeles City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-25-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Robert Alvarado, Owner via telephone Escorted by Daniel Recinos
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 03-14-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 04-07-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW

ALVARADO CUSTOM FURNITURE (Continued) **S123535952**

Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-20-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Facility inspection done along with CERS investigation. Met w/ Candice Alvarado regarding CERS.
Eval Division: Los Angeles City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-31-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Robert Alvarado, Owner
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Affiliation:
Affiliation Type Desc: Identification Signer
Entity Name: Robert Alvarado
Entity Title: Owner
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: ALVARADO, ROBERT
Entity Title: Not reported
Affiliation Address: 2907 HUMBOLDT ST
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 90031
Affiliation Phone: (323) 222-0038

Affiliation Type Desc: Environmental Contact
Entity Name: Robert Alvarado
Entity Title: Not reported
Affiliation Address: 2907 E HUMBOLDT ST
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90031
Affiliation Phone: Not reported

Affiliation Type Desc: Parent Corporation
Entity Name: ALVARADO CUSTOM FURNITURE
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported

ALVARADO CUSTOM FURNITURE (Continued) **S123535952**

Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Document Preparer
Entity Name: Candice Alvarado
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: CUPA District
Entity Name: Los Angeles City Fire Department
Entity Title: Not reported
Affiliation Address: 200 North Main Street, Room 1780
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90012
Affiliation Phone: (213) 978-3680

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 2907 HUMBOLDT ST
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90031
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: Robert Alvarado
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (323) 222-0038

LOS ANGELES HM:
Facility ID: FA0030555
Last Run Date: 01/01/2019
Status: ACTIVE

CERS TANKS:
Site ID: 91388
CERS ID: 10254190
Site Name: ALVARADO CUSTOM FURNITURE
CERS Description: Chemical Storage Facilities

ALVARADO CUSTOM FURNITURE (Continued) **S123535952**

Violations:

Site ID:	91388
Site Name:	ALVARADO CUSTOM FURNITURE
Violation Date:	05-02-2017
Citation:	HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description:	Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.
Violation Notes:	Returned to compliance on 06/02/2017.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	91388
Site Name:	ALVARADO CUSTOM FURNITURE
Violation Date:	05-02-2017
Citation:	HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description:	Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes:	Returned to compliance on 06/02/2017.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	91388
Site Name:	ALVARADO CUSTOM FURNITURE
Violation Date:	10-31-2018
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	OBSERVATION: 2 x 55 gallon steel drum of (used solvent for glue,acetone, solvent, paint, paint filters) located in the outside the shop but on business property was observed without a hazardous waste label. CORRECTIVE ACTION: Submit a photo to the CUPA demonstrating that the container listed above has been properly labeled.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS

Site ID:	91388
Site Name:	ALVARADO CUSTOM FURNITURE
Violation Date:	05-02-2017
Citation:	HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Description:	Failure to notify property owner in writing that the business is

ALVARADO CUSTOM FURNITURE (Continued) **S123535952**

	subject to the business plan program and has complied with its provisions.
Violation Notes:	Returned to compliance on 06/02/2017.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	91388
Site Name:	ALVARADO CUSTOM FURNITURE
Violation Date:	05-02-2017
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.
Violation Notes:	Returned to compliance on 06/02/2017.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	91388
Site Name:	ALVARADO CUSTOM FURNITURE
Violation Date:	05-02-2017
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 06/02/2017.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	91388
Site Name:	ALVARADO CUSTOM FURNITURE
Violation Date:	08-25-2015
Citation:	22 CCR 12 66262.34(d) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(d)
Violation Description:	Failure to dispose of hazardous waste within 180 days (or 270 if waste is transported over 200 miles) for the generator who generates less than 1000 kilogram per month, but more than 100 kilograms per month.
Violation Notes:	Returned to compliance on 04/07/2016. OBSERVATION: Provide proof of disposal of hazardous waste every 180 days. I.e. Manifest records. Facilities who generate less than 1000 kg of hazardous waste per month and do not exceed 6000 kg of waste stored on site at any time may store waste on site up to 180 days. CORRECTIVE ACTION: Immediately contact a licensed hazardous waste hauler to dispose of this waste under manifest and submit a copy of the manifest to the CUPA.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	91388
Site Name:	ALVARADO CUSTOM FURNITURE
Violation Date:	05-02-2017
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter

ALVARADO CUSTOM FURNITURE (Continued) **S123535952**

	6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 06/02/2017.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	91388
Site Name:	ALVARADO CUSTOM FURNITURE
Violation Date:	05-02-2017
Citation:	HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507
Violation Description:	Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Returned to compliance on 06/02/2017.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	91388
Site Name:	ALVARADO CUSTOM FURNITURE
Violation Date:	08-25-2015
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 04/07/2016. OBSERVATION: Observed 2 x 5 gallon container of paint solvent waste not labeled. All hazardous waste containers shall be marked with the following information: 1) the words ?Hazardous Waste?; 2) name and address of generator; 3) hazardous properties; 4) physical state; 5) composition (contents); 6) accumulation start date. CORRECTIVE ACTION: Immediately label these containers and ensure that all hazardous waste containers are marked with all the required information.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	91388
Site Name:	ALVARADO CUSTOM FURNITURE
Violation Date:	05-02-2017
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to establish and electronically submit an adequate training program in safety procedures in the event of a release or threatened release of a hazardous material.
Violation Notes:	Returned to compliance on 06/02/2017.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	91388

ALVARADO CUSTOM FURNITURE (Continued) **S123535952**

Site Name:	ALVARADO CUSTOM FURNITURE
Violation Date:	08-25-2015
Citation:	HSC 6.11 25404.1 - California Health and Safety Code, Chapter 6.11, Section(s) 25404.1
Violation Description:	Failure to obtain and/or maintain an active hazardous waste generator permit.
Violation Notes:	Returned to compliance on 04/07/2016. OBSERVATION: The Owner/Operator failed to provide proof of an active hazardous waste generator permit. CORRECTIVE ACTION: The Owner/Operator shall immediately apply to receive a new or renewed hazardous waste generator permit and maintain that permit as active as long as the facility is in operation and continues to generate hazardous waste.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS

Site ID:	91388
Site Name:	ALVARADO CUSTOM FURNITURE
Violation Date:	08-25-2015
Citation:	22 CCR 12 66262.20 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.20
Violation Description:	Failure to prepare a hazardous waste manifest for the transport of a hazardous waste for off-site transfer, treatment, storage, or disposal.
Violation Notes:	Returned to compliance on 04/07/2016. OBSERVATION: The Owner/Operator failed to prepare hazardous waste manifests for the transport of a hazardous waste for off-site transfer, treatment, storage or disposal as required. CORRECTIVE ACTION: The Owner/Operator shall properly prepare manifests for any transport of a hazardous waste for off-site transfer, treatment, storage or disposal going forward. Provide a copy of a prepared manifest to the CUPA to verify compliance.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS

Site ID:	91388
Site Name:	ALVARADO CUSTOM FURNITURE
Violation Date:	05-02-2017
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit a site map with all required content.
Violation Notes:	Returned to compliance on 06/02/2017.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	91388
Site Name:	ALVARADO CUSTOM FURNITURE
Violation Date:	05-02-2017
Citation:	HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Description:	Failure to provide a copy of the business plan to the owner or the owner's agent within five working days after receiving a request for a copy from the owner or the owner's agent.
Violation Notes:	Returned to compliance on 06/02/2017.
Violation Division:	Los Angeles City Fire Department

ALVARADO CUSTOM FURNITURE (Continued) **S123535952**

Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	91388
Site Name:	ALVARADO CUSTOM FURNITURE
Violation Date:	10-31-2018
Citation:	22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description:	Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes:	OBSERVATION: Uniform Hazardous Waste Manifests for 2 x 55 gallon HW (used solvent for glue,acetone, solvent, paint, paint filters) were not available at the time of inspection. CORRECTIVE ACTION: Locate a copy of all manifests for the 2 x 55 gallon HW (used solvent for glue,acetone, solvent, paint, paint filters) and submit copies to the CUPA.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	91388
Site Name:	ALVARADO CUSTOM FURNITURE
Violation Date:	05-02-2017
Citation:	19 CCR 6.95 25508(a)(1) - California Code of Regulations, Title 19, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page.
Violation Notes:	Returned to compliance on 06/02/2017.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	91388
Site Name:	ALVARADO CUSTOM FURNITURE
Violation Date:	05-02-2017
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Returned to compliance on 06/02/2017.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	91388
Site Name:	ALVARADO CUSTOM FURNITURE
Violation Date:	06-20-2017
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Returned to compliance on 07/20/2017.

ALVARADO CUSTOM FURNITURE (Continued) **S123535952**

Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 02-09-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-02-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: 14 x 5 gallons flammable liquid (acetone, mineral sprite, stain, finishes etc.) alvaradoaltacalidad@gmail.com Candice
Eval Division: Los Angeles City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-25-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Robert Alvarado, Owner via telephone Escorted by Daniel Recinos
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 03-14-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 04-07-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-20-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Facility inspection done along with CERS investigation. Met w/ Candice Alvarado regarding CERS.

ALVARADO CUSTOM FURNITURE (Continued) **S123535952**

Eval Division: Los Angeles City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-31-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Robert Alvarado, Owner
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Affiliation:
Affiliation Type Desc: Identification Signer
Entity Name: Robert Alvarado
Entity Title: Owner
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: ALVARADO, ROBERT
Entity Title: Not reported
Affiliation Address: 2907 HUMBOLDT ST
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 90031
Affiliation Phone: (323) 222-0038

Affiliation Type Desc: Environmental Contact
Entity Name: Robert Alvarado
Entity Title: Not reported
Affiliation Address: 2907 E HUMBOLDT ST
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90031
Affiliation Phone: Not reported

Affiliation Type Desc: Parent Corporation
Entity Name: ALVARADO CUSTOM FURNITURE
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Document Preparer
Entity Name: Candice Alvarado
Entity Title: Not reported

ALVARADO CUSTOM FURNITURE (Continued) **S123535952**

Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	CUPA District
Entity Name:	Los Angeles City Fire Department
Entity Title:	Not reported
Affiliation Address:	200 North Main Street, Room 1780
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90012
Affiliation Phone:	(213) 978-3680
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	2907 HUMBOLDT ST
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90031
Affiliation Phone:	Not reported
Affiliation Type Desc:	Operator
Entity Name:	Robert Alvarado
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(323) 222-0038

P124 **BEST MANUFACTURING INC** **HAZMAT** **S123543537**
SSW **2903 E HUMBOLDT ST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90031**
0.231 mi.
1219 ft. **Site 5 of 5 in cluster P**

Relative: LOS ANGELES HM:
Lower

Facility ID:	FA0006753
Last Run Date:	01/01/2019
Status:	ACTIVE

Actual:
361 ft.

125
WSW
1/8-1/4
0.243 mi.
1285 ft.

2636 LACY ST
LOS ANGELES, CA

Database(s): **UST**
EDR ID Number: **U004301616**
EPA ID Number: **N/A**

Relative:
Lower

Actual:
350 ft.

LOS ANGELES UST:
Facility ID: Not reported
Last Run Date: 01/01/1900
Status: HISTORICAL

Q126
WNW
1/8-1/4
0.247 mi.
1306 ft.

PHILLIP YEE HEATING & A/C
3229 N FIGUEROA ST
LOS ANGELES, CA 90065
Site 5 of 5 in cluster Q

Database(s): **HAZMAT**
EDR ID Number: **S123552025**
EPA ID Number: **N/A**

Relative:
Lower

Actual:
359 ft.

LOS ANGELES HM:
Facility ID: FA0037076
Last Run Date: 01/01/2019
Status: ACTIVE

S127
SW
1/4-1/2
0.291 mi.
1538 ft.

JAYBEE/ AJAX MFG CORP
301 WEST AVE. 26
LOS ANGELES, CA 90054
Site 1 of 2 in cluster S

Database(s): **ENVIROSTOR**
VCP
EMI
EDR ID Number: **S106833414**
EPA ID Number: **N/A**

Relative:
Lower

Actual:
356 ft.

ENVIROSTOR:

Name:	JAYBEE SITE AT LINCOLN HEIGHTS - LA DWP
Address:	301 WEST AVENUE 26
City,State,Zip:	LOS ANGELES, CA 90031
Facility ID:	19490238
Status:	Active
Status Date:	04/07/2004
Site Code:	301120
Site Type:	Voluntary Cleanup
Site Type Detailed:	Voluntary Cleanup
Acres:	3.4
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Lori Parnass
Supervisor:	Juli Propes
Division Branch:	Cleanup Chatsworth
Assembly:	51
Senate:	24
Special Program:	Voluntary Cleanup Program
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Responsible Party
Latitude:	34.08074
Longitude:	-118.2181
APN:	5205-009-900, 5205009900
Past Use:	MANUFACTURING - OTHER
Potential COC:	Lead Polynuclear aromatic hydrocarbons (PAHs Tetrachloroethylene (PCE TPH-diesel TPH-gas Trichloroethylene (TCE 1,2-Dichloroethane (EDC Naphthalene Toluene Xylenes

JAYBEE/ AJAX MFG CORP (Continued) **S106833414**

Confirmed COC: Naphthalene Toluene Polynuclear aromatic hydrocarbons (PAHs Tetrachloroethylene (PCE TPH-diesel TPH-gas Trichloroethylene (TCE 1,2-Dichloroethane (EDC Lead Xylenes
Potential Description: OTH, SOIL
Alias Name: DEPARTMENT OF WATER & POWER, CITY OF LA
Alias Type: Alternate Name
Alias Name: DWP - CITY OF LOS ANGELES
Alias Type: Alternate Name
Alias Name: JAYBEE SITE
Alias Type: Alternate Name
Alias Name: LINCOLN HEIGHTS SERVICE CENTER
Alias Type: Alternate Name
Alias Name: 5205-009-900
Alias Type: APN
Alias Name: 5205009900
Alias Type: APN
Alias Name: CAD983578667
Alias Type: CERCLIS ID
Alias Name: 110009268657
Alias Type: EPA (FRS #)
Alias Name: 110033606649
Alias Type: EPA (FRS #)
Alias Name: 301120
Alias Type: Project Code (Site Code)
Alias Name: 19490238
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 04/07/2004
Comments: The Voluntary Cleanup Agreement was signed by representatives from the Los Angeles Department of Water and Power and the Department of Toxic Substances Control. The purpose of the Agreement is for the Proponent to conduct a Preliminary Endangerment Assessment of the soil under the oversight of DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 09/14/1995
Comments: The Department received a Non-Emergency Hazardous Substance Release Report dated July 8, 1994. The report indicates that the property was contaminated at the time of purchase in March 1990. Leaking undergound storage tanks have been removed by the previous owner. Some of the contaminated soils have been removed from the site. Soils contaminated with lead are still exist at the site. Due to evidence of a release, DTSC recommended a PEA, and notified the RP thereof.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 05/12/2005
Comments: The PEA Workplan was approved

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

JAYBEE/ AJAX MFG CORP (Continued) **S106833414**

Completed Document Type:	Other Report
Completed Date:	12/29/2012
Comments:	Further work is needed, was preposed and approved January 3, 2013
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Remedial Investigation Workplan
Completed Date:	12/10/2012
Comments:	done
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Characterization Workplan
Completed Date:	11/13/2014
Comments:	done
Future Area Name:	PROJECT WIDE
Future Sub Area Name:	Not reported
Future Document Type:	Feasibility Study Report
Future Due Date:	2019
Future Area Name:	PROJECT WIDE
Future Sub Area Name:	Not reported
Future Document Type:	Design/Implementation Workplan
Future Due Date:	2019
Future Area Name:	PROJECT WIDE
Future Sub Area Name:	Not reported
Future Document Type:	Certification
Future Due Date:	2025
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

VCP:

Facility ID:	19490238
Site Type:	Voluntary Cleanup
Site Type Detail:	Voluntary Cleanup
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	3.4
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Lori Parnass
Supervisor:	Juli Propes
Division Branch:	Cleanup Chatsworth
Site Code:	301120
Assembly:	51
Senate:	24
Special Programs Code:	Voluntary Cleanup Program
Status:	Active
Status Date:	04/07/2004
Restricted Use:	NO
Funding:	Responsible Party
Lat/Long:	34.08074 / -118.2181
APN:	5205-009-900, 5205009900

JAYBEE/ AJAX MFG CORP (Continued) **S106833414**

Past Use:	MANUFACTURING - OTHER
Potential COC:	30013, 30019, 30022, 30024, 30025, 30027, 30193, 30484, 30550, 30593
Confirmed COC:	30484,30550,30019,30022,30024,30025,30027,30193,30013,30593
Potential Description:	OTH, SOIL
Alias Name:	DEPARTMENT OF WATER & POWER, CITY OF LA
Alias Type:	Alternate Name
Alias Name:	DWP - CITY OF LOS ANGELES
Alias Type:	Alternate Name
Alias Name:	JAYBEE SITE
Alias Type:	Alternate Name
Alias Name:	LINCOLN HEIGHTS SERVICE CENTER
Alias Type:	Alternate Name
Alias Name:	5205-009-900
Alias Type:	APN
Alias Name:	5205009900
Alias Type:	APN
Alias Name:	CAD983578667
Alias Type:	CERCLIS ID
Alias Name:	110009268657
Alias Type:	EPA (FRS #)
Alias Name:	110033606649
Alias Type:	EPA (FRS #)
Alias Name:	301120
Alias Type:	Project Code (Site Code)
Alias Name:	19490238
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Voluntary Cleanup Agreement
Completed Date:	04/07/2004
Comments:	The Voluntary Cleanup Agreement was signed by representatives from the Los Angeles Department of Water and Power and the Department of Toxic Substances Control. The purpose of the Agreement is for the Proponent to conduct a Preliminary Endangerment Assessment of the soil under the oversight of DTSC.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Screening
Completed Date:	09/14/1995
Comments:	The Department received a Non-Emergency Hazardous Substance Release Report dated July 8, 1994. The report indicates that the property was contaminated at the time of purchase in March 1990. Leaking undergound storage tanks have been removed by the previous owner. Some of the contaminated soils have been removed from the site. Soils contaminated with lead are still exist at the site. Due to evidence of a release, DTSC recommended a PEA, and notified the RP thereof.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Workplan
Completed Date:	05/12/2005
Comments:	The PEA Workplan was approved

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported

JAYBEE/ AJAX MFG CORP (Continued) **S106833414**

Completed Document Type:	Other Report
Completed Date:	12/29/2012
Comments:	Further work is needed, was preposed and approved January 3, 2013
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Remedial Investigation Workplan
Completed Date:	12/10/2012
Comments:	done
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Characterization Workplan
Completed Date:	11/13/2014
Comments:	done
Future Area Name:	PROJECT WIDE
Future Sub Area Name:	Not reported
Future Document Type:	Feasibility Study Report
Future Due Date:	2019
Future Area Name:	PROJECT WIDE
Future Sub Area Name:	Not reported
Future Document Type:	Design/Implementation Workplan
Future Due Date:	2019
Future Area Name:	PROJECT WIDE
Future Sub Area Name:	Not reported
Future Document Type:	Certification
Future Due Date:	2025
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

EMI:

Year:	1987
County Code:	19
Air Basin:	SC
Facility ID:	16454
Air District Name:	SC
SIC Code:	3444
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	14
Reactive Organic Gases Tons/Yr:	13
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	1
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

S128 **JAYBEE AJAX MANUFACTURING** **SEMS** **1003073271**
SW **301 WEST AVENUE 26** **CAD983578667**
1/4-1/2 **LOS ANGELES, CA 90031**
0.291 mi.
1538 ft. **Site 2 of 2 in cluster S**

Relative:
Lower

Actual:
356 ft.

SEMS:

Site ID:	0905651
EPA ID:	CAD983578667
Cong District:	Not reported
FIPS Code:	06037
Latitude:	Not reported
Longitude:	Not reported
FF:	N
NPL:	Not on the NPL
Non NPL Status:	Other Cleanup Activity: State-Lead Cleanup

SEMS Detail:

Region:	09
Site ID:	0905651
EPA ID:	CAD983578667
Site Name:	JAYBEE AJAX MANUFACTURING
NPL:	N
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	2002-10-01 04:00:00
Finish Date:	7/1/2007 4:00:00 AM
Qual:	AC
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0905651
EPA ID:	CAD983578667
Site Name:	JAYBEE AJAX MANUFACTURING
NPL:	N
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	2000-03-06 05:00:00
Finish Date:	3/6/2000 5:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0905651
EPA ID:	CAD983578667
Site Name:	JAYBEE AJAX MANUFACTURING
NPL:	N
FF:	N
OU:	00
Action Code:	VA
Action Name:	OTHR CLEANUP
SEQ:	1
Start Date:	2007-07-01 04:00:00
Finish Date:	Not reported

JAYBEE AJAX MANUFACTURING (Continued) **1003073271**

Qual: Not reported
Current Action Lead: St Perf

T129 **LACY'S STREET DUMP** **WMUDS/SWAT** **S103441446**
WSW **400 26TH AVENUE** **LDS** **N/A**
1/4-1/2 **LOS ANGELES, CA 90031** **CERS**
0.312 mi.
1648 ft. **Site 1 of 2 in cluster T**

Relative: **Lower**
Actual: **347 ft.**

WMUDS/SWAT:

Edit Date:	Not reported
Complexity:	Not reported
Primary Waste:	Not reported
Primary Waste Type:	Not reported
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Base Meridian:	Not reported
NPID:	Not reported
Tonnage:	0
Regional Board ID:	Not reported
Municipal Solid Waste:	False
Superorder:	False
Open To Public:	False
Waste List:	False
Agency Type:	Not reported
Agency Name:	Not reported
Agency Department:	Not reported
Agency Address:	Not reported
Agency City,St,Zip:	Not reported
Agency Contact:	Not reported
Agency Telephone:	Not reported
Land Owner Name:	Not reported
Land Owner Address:	Not reported
Land Owner City,St,Zip:	CA
Land Owner Contact:	Not reported
Land Owner Phone:	Not reported
Region:	4
Facility Type:	Not reported
Facility Description:	Not reported
Facility Telephone:	Not reported
SWAT Facility Name:	Not reported
Primary SIC:	Not reported
Secondary SIC:	Not reported
Comments:	Not reported
Last Facility Editors:	Not reported
Waste Discharge System:	False
Solid Waste Assessment Test Program:	True
Toxic Pits Cleanup Act Program:	False
Resource Conservation Recovery Act:	False
Department of Defence:	False
Solid Waste Assessment Test Program:	Not reported
Threat to Water Quality:	Not reported
Sub Chapter 15:	False
Regional Board Project Officer:	LT
Number of WMUDS at Facility:	1
Section Range:	Not reported
RCRA Facility:	Not reported

LACY'S STREET DUMP (Continued) **S103441446**

Waste Discharge Requirements: Not reported
Self-Monitoring Rept. Frequency: Not reported
Waste Discharge System ID: 4 190193NUR
Solid Waste Information ID: Not reported

LDS:

Global Id: T10000004864
Latitude: 34.08258
Longitude: -118.2199
Case Type: Land Disposal Site
Status: Completed - Case Closed
Status Date: 05/25/2016
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Caseworker: WY
Local Agency: Not reported
RB Case Number: 57-025
LOC Case Number: Not reported
File Location: Regional Board
Potential Media Affect: Not reported
EDR Link ID: T10000004864
Potential Contaminants of Concern: Not reported
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

CERS TANKS:
Site ID: 234215
CERS ID: T10000004864
Site Name: LACY'S STREET DUMP
CERS Description: Land Disposal Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: Wen Yang - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W. 4TH ST., SUITE 200
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 2136202253

T130 **LACY STREET / LA CITY AVE 26 & FIGUEROA** **SWF/LF** **S111075975**
WSW **400 WEST AVENUE 26** **N/A**
1/4-1/2 **LOS ANGELES, CA 90031**
0.323 mi.
1708 ft. **Site 2 of 2 in cluster T**

Relative: LOS ANGELES CO. LF:
Lower
Actual: Name: LACY STREET / LA CITY AVE 26 & FIGUEROA
346 ft. Address: 400 WEST AVENUE 26
City,State,Zip: LOS ANGELES, CA 90031
Site ID: 1975
Alt. Address: Not reported

LACY STREET / LA CITY AVE 26 & FIGUEROA (Continued) **S111075975**

Site Contact:	Not reported
Site Contact Phone:	Not reported
Site Email:	Not reported
Site Website:	Not reported
Site Type:	Unknown
Site SWIS Number:	19-AR-5052
Beginning Operation Date:	Not reported
Ending Operation Date:	Not reported
Local Enforcement Agency:	City of Los Angeles, Building and Safety
Maximun Depth Fill(Ft):	Not reported
Permitted Capacity:	Not reported
Present Use:	Commercial
Remaining Capacity(Million):	Not reported
Status:	Closed
Waste Accepted:	Not reported
Hours of Operation:	Not reported
Disposal Area (Acre):	Not reported

Detail As Of 01/2014:

Operator Name:	Unknown
Operator Address:	Not reported
Operator City/State/Zip:	Not reported
Operator Contact:	Not reported
Operator Telephone:	Not reported
Operator Email:	Not reported
Owner Name:	Unknown
Owner Address:	Not reported
Owner City/State/Zip:	Not reported
Owner Contact:	Not reported
Owner Telephone:	Not reported
Owner Email:	Not reported

U131 **MOBIL #18-BV7** **LUST S105692245**
West **2620 FIGUEROA ST.** **CERS N/A**
1/4-1/2 **LOS ANGELES, CA 90007**
0.332 mi.
1751 ft. **Site 1 of 5 in cluster U**

Relative:
Lower

Actual:
353 ft.

LUST:

Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603763171
Global Id:	T0603763171
Latitude:	34.0279429
Longitude:	-118.2760832
Status:	Completed - Case Closed
Status Date:	09/19/2006
Case Worker:	DPP
RB Case Number:	900070061
Local Agency:	LOS ANGELES, CITY OF
File Location:	Not reported
Local Case Number:	00-2474
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0603763171
Contact Type:	Regional Board Caseworker

MOBIL #18-BV7 (Continued) **S105692245**

Contact Name: DANIEL PIROTTON
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: Not reported
City: R4 UNKNOWN
Email: dpirotton@waterboards.ca.gov
Phone Number: 2135766714

Global Id: T0603763171
Contact Type: Local Agency Caseworker
Contact Name: ELOY LUNA
Organization Name: LOS ANGELES, CITY OF
Address: 200 North Main Street, Suite 1780
City: LOS ANGELES
Email: eloy.luna@lacity.org
Phone Number: Not reported

LUST:
Global Id: T0603763171
Action Type: RESPONSE
Date: 10/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0603763171
Action Type: RESPONSE
Date: 04/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0603763171
Action Type: RESPONSE
Date: 01/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0603763171
Action Type: Other
Date: 06/03/2000
Action: Leak Reported

Global Id: T0603763171
Action Type: RESPONSE
Date: 01/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0603763171
Action Type: ENFORCEMENT
Date: 01/08/2003
Action: Staff Letter

Global Id: T0603763171
Action Type: RESPONSE
Date: 02/28/2003
Action: Soil and Water Investigation Workplan

Global Id: T0603763171
Action Type: RESPONSE
Date: 07/15/2006
Action: Monitoring Report - Quarterly

MOBIL #18-BV7 (Continued) **S105692245**

Global Id: T0603763171
Action Type: RESPONSE
Date: 07/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0603763171
Action Type: ENFORCEMENT
Date: 09/19/2006
Action: Closure/No Further Action Letter

Global Id: T0603763171
Action Type: REMEDIATION
Date: 06/02/2000
Action: Other (Use Description Field)

Global Id: T0603763171
Action Type: ENFORCEMENT
Date: 01/26/2003
Action: Technical Correspondence / Assistance / Other

Global Id: T0603763171
Action Type: RESPONSE
Date: 06/13/2003
Action: Soil and Water Investigation Workplan

Global Id: T0603763171
Action Type: RESPONSE
Date: 06/13/2003
Action: Soil and Water Investigation Report

Global Id: T0603763171
Action Type: RESPONSE
Date: 04/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603763171
Action Type: ENFORCEMENT
Date: 06/07/2006
Action: Site Visit / Inspection / Sampling

Global Id: T0603763171
Action Type: ENFORCEMENT
Date: 08/25/2006
Action: Notification - Preclosure

Global Id: T0603763171
Action Type: RESPONSE
Date: 01/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603763171
Action Type: RESPONSE
Date: 10/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0603763171
Action Type: ENFORCEMENT

MOBIL #18-BV7 (Continued) **S105692245**

Date: 03/26/2003
Action: Staff Letter

Global Id: T0603763171
Action Type: Other
Date: 06/02/2000
Action: Leak Discovery

Global Id: T0603763171
Action Type: RESPONSE
Date: 10/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603763171
Action Type: RESPONSE
Date: 07/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603763171
Action Type: RESPONSE
Date: 04/15/2005
Action: Monitoring Report - Quarterly

LUST:
Global Id: T0603763171
Status: Completed - Case Closed
Status Date: 09/19/2006

Global Id: T0603763171
Status: Open - Case Begin Date
Status Date: 06/02/2000

Global Id: T0603763171
Status: Open - Site Assessment
Status Date: 06/03/2000

Global Id: T0603763171
Status: Open - Site Assessment
Status Date: 02/28/2003

Global Id: T0603763171
Status: Open - Site Assessment
Status Date: 06/12/2003

Global Id: T0603763171
Status: Open - Site Assessment
Status Date: 05/14/2004

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: 900070061
Status: Pollution Characterization
Substance: Gasoline

MOBIL #18-BV7 (Continued) **S105692245**

Substance Quantity:	Not reported		
Local Case No:	00-2474		
Case Type:	Soil		
Abatement Method Used at the Site:		Not reported	
Global ID:	T0603763171		
W Global ID:	Not reported		
Staff:	TCS		
Local Agency:	19050		
Cross Street:	Not reported		
Enforcement Type:	SEL		
Date Leak Discovered:	6/2/2000		
Date Leak First Reported:		6/3/2000	
Date Leak Record Entered:	Not reported		
Date Confirmation Began:	6/3/2000		
Date Leak Stopped:	Not reported		
Date Case Last Changed on Database:		Not reported	
Date the Case was Closed:		Not reported	
How Leak Discovered:	OM		
How Leak Stopped:	Not reported		
Cause of Leak:	UNK		
Leak Source:	UNK		
Operator:	Not reported		
Water System:	Not reported		
Well Name:	Not reported		
Approx. Dist To Production Well (ft):		6781.855551314429702431720 3634	
Source of Cleanup Funding:		UNK	
Preliminary Site Assessment Workplan Submitted:		2/28/2003	
Preliminary Site Assessment Began:		Not reported	
Pollution Characterization Began:		6/12/2003	
Remediation Plan Submitted:		Not reported	
Remedial Action Underway:		Not reported	
Post Remedial Action Monitoring Began:		6/3/2000	
Enforcement Action Date:		Not reported	
Historical Max MTBE Date:		2/20/2004	
Hist Max MTBE Conc in Groundwater:		1.7	
Hist Max MTBE Conc in Soil:		1900	
Significant Interim Remedial Action Taken:		Not reported	
GW Qualifier:	=		
Soil Qualifier:	=		
Organization:	Not reported		
Owner Contact:	Not reported		
Responsible Party:	NICK PUIG		
RP Address:	43218 BUSINESS PARK DR., #201		
Program:	LUST		
Lat/Long:	34.083957 / -1		
Local Agency Staff:	Not reported		
Beneficial Use:	Not reported		
Priority:	Not reported		
Cleanup Fund Id:	Not reported		
Suspended:	Not reported		
Assigned Name:	Not reported		
Summary:	LA CITY F.D. REFERRED CASE TO LARWQCB 2/26/02		

CERS TANKS:

Site ID:	194455
CERS ID:	T0603763171
Site Name:	MOBIL #18-BV7

MOBIL #18-BV7 (Continued) **S105692245**

CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: ELOY LUNA - LOS ANGELES, CITY OF
Entity Title: Not reported
Affiliation Address: 200 North Main Street, Suite 1780
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Regional Board Caseworker
Entity Name: DANIEL PIROTTON - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: R4 UNKNOWN
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 2135766714

V132 **BILL'S AUTOMOTIVE (FORMER S/S)** **LUST** **S111760330**
South **100 AVENUE 28 E** **N/A**
1/4-1/2 **MONTECITO HEIGHTS, CA 90031**
0.335 mi.
1770 ft. **Site 1 of 2 in cluster V**

Relative:
Higher

Actual:
375 ft.

LUST:
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603700789
Global Id: T0603700789
Latitude: 34.0791795
Longitude: -118.2149304
Status: Completed - Case Closed
Status Date: 07/28/1997
Case Worker: AS
RB Case Number: 900310089
Local Agency: LOS ANGELES, CITY OF
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0603700789
Contact Type: Regional Board Caseworker
Contact Name: ADNAN SIDDIQUI
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: LOS ANGELES
Email: asiddiqui@waterboards.ca.gov
Phone Number: Not reported

Global Id: T0603700789

BILL'S AUTOMOTIVE (FORMER S/S) (Continued) **S111760330**

Contact Type: Local Agency Caseworker
Contact Name: ELOY LUNA
Organization Name: LOS ANGELES, CITY OF
Address: 200 North Main Street, Suite 1780
City: LOS ANGELES
Email: eloy.luna@lacity.org
Phone Number: Not reported

LUST:
Global Id: T0603700789
Action Type: Other
Date: 11/10/1995
Action: Leak Reported

Global Id: T0603700789
Action Type: Other
Date: 07/31/1991
Action: Leak Discovery

Global Id: T0603700789
Action Type: Other
Date: 07/31/1991
Action: Leak Stopped

LUST:
Global Id: T0603700789
Status: Completed - Case Closed
Status Date: 07/28/1997

Global Id: T0603700789
Status: Open - Case Begin Date
Status Date: 07/05/1991

Global Id: T0603700789
Status: Open - Site Assessment
Status Date: 07/05/1991

Global Id: T0603700789
Status: Open - Site Assessment
Status Date: 12/09/1991

Global Id: T0603700789
Status: Open - Site Assessment
Status Date: 01/27/1992

Global Id: T0603700789
Status: Open - Site Assessment
Status Date: 06/19/1997

W133 **LACY STREET/ LA CITY AVE 26 & FIGUEROA** **SWF/LF** **S109821612**
SW **400 AVE. 26, (ENTRANCE)** **CERS** **N/A**
1/4-1/2 **LOS ANGELES (CITY), CA**
0.337 mi.
1781 ft. **Site 1 of 3 in cluster W**

Relative:
Lower

Actual:
348 ft.

SWF/LF (SWIS):

Facility ID:	19-AR-5052
Lat/Long:	34.08025 / -118.22778
Owner Name:	Not reported
Owner Telephone:	Not reported
Owner Address:	Not reported
Owner Address2:	Not reported
Owner City,St,Zip:	Not reported
Operational Status:	Not reported
Operator:	Not reported
Operator Phone:	Not reported
Operator Address:	Not reported
Operator Address2:	Not reported
Operator City,St,Zip:	Not reported
Permit Date:	Not reported
Permit Status:	Not reported
Permitted Acreage:	Not reported
Activity:	Not reported
Regulation Status:	Not reported
Landuse Name:	Industrial,Commercial
GIS Source:	Map
Category:	Not reported
Unit Number:	Not reported
Inspection Frequency:	Not reported
Accepted Waste:	Not reported
Closure Date:	Not reported
Closure Type:	Not reported
Disposal Acreage:	Not reported
SWIS Num:	19-AR-5052
Waste Discharge Requirement Num:	Not reported
Program Type:	Not reported
Permitted Throughput with Units:	Not reported
Actual Throughput with Units:	Not reported
Permitted Capacity with Units:	Not reported
Remaining Capacity:	Not reported
Remaining Capacity with Units:	Not reported
Lat/Long:	34.08025 / -118.22778

CERS TANKS:

Site ID:	509673
CERS ID:	19-AR-5052
Site Name:	LACY STREET/ LA CITY AVE 26 & FIGUEROA
CERS Description:	Solid Waste and Recycle Sites

W134 **PROPOSED AMCAL MULTI-HOUSING DEVELOPMENT** **ENVIROSTOR** **S106797596**
SW **306-360 W. AVE. 26** **N/A**
1/4-1/2 **LOS ANGELES, CA 90031**
0.348 mi.
1839 ft. **Site 2 of 3 in cluster W**

Relative:
Lower

Actual:
347 ft.

ENVIROSTOR:

Name:	PROPOSED AMCAL MULTI-HOUSING DEVELOPMENT
Address:	306-360 W. AVE. 26
City,State,Zip:	LOS ANGELES, CA 90031
Facility ID:	19950002
Status:	Refer: 1248 Local Agency
Status Date:	11/14/2003
Site Code:	Not reported
Site Type:	Evaluation
Site Type Detailed:	Evaluation
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Referred - Not Assigned
Division Branch:	Cleanup Cypress
Assembly:	45
Senate:	Not reported
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not Applicable
Latitude:	34.08065
Longitude:	-118.2197
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	19950002
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	Not reported
Completed Sub Area Name:	Not reported
Completed Document Type:	Not reported
Completed Date:	Not reported
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

V135 **BILL'S AUTOMOTIVE #1** **LUST** **S101617327**
South **100 E AVENUE 28** **SWEEPS UST** **N/A**
1/4-1/2 **LOS ANGELES, CA 90031** **CA FID UST**
0.350 mi.
1849 ft. **Site 2 of 2 in cluster V**

Relative:
Higher

Actual:
374 ft.

LUST REG 4:

Region:	4	
Regional Board:	04	
County:	Los Angeles	
Facility Id:	900310089	
Status:	Case Closed	
Substance:	Gasoline	
Substance Quantity:	Not reported	
Local Case No:	Not reported	
Case Type:	Groundwater	
Abatement Method Used at the Site:		Not reported
Global ID:	T0603700789	
W Global ID:	Not reported	
Staff:	AS	
Local Agency:	19050	
Cross Street:	PASADENA AVE & WORKMAN ST	
Enforcement Type:	Not reported	
Date Leak Discovered:	7/31/1991	
Date Leak First Reported:		11/10/1995
Date Leak Record Entered:	12/11/1995	
Date Confirmation Began:	7/5/1991	
Date Leak Stopped:	7/31/1991	
Date Case Last Changed on Database:		6/20/1998
Date the Case was Closed:		7/28/1997
How Leak Discovered:	Tank Closure	
How Leak Stopped:	Not reported	
Cause of Leak:	UNK	
Leak Source:	UNK	
Operator:	Not reported	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		9404.333437345498520314259041
Source of Cleanup Funding:		UNK
Preliminary Site Assessment Workplan Submitted:		12/9/1991
Preliminary Site Assessment Began:		1/27/1992
Pollution Characterization Began:		6/19/1997
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		Not reported
Post Remedial Action Monitoring Began:		Not reported
Enforcement Action Date:		Not reported
Historical Max MTBE Date:		1/1/1965
Hist Max MTBE Conc in Groundwater:		3.2
Hist Max MTBE Conc in Soil:		2.5
Significant Interim Remedial Action Taken:		Not reported
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	BILL'S AUTOMOTIVE	
RP Address:	1796 SPRING ST N, LOS ANGELES 90031	
Program:	LUST	
Lat/Long:	34.0791795 / -1	
Local Agency Staff:	PEJ	

BILL'S AUTOMOTIVE #1 (Continued) **S101617327**

Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: GRNDWTR TPH-G 130PPB; BETX 7.2/27/1.4/28PPB TWO DISTINCT PLUMES IN SOIL, GASO & OIL-HYDRAULIC OR WASTE OIL, NO DIESEL6/16/97 - SITE ASSESSMENT RPT 06/20/98 - WELL ABANDONMENT, UST CLOSURE

SWEEPS UST:
Status: Not reported
Comp Number: 2739
Number: Not reported
Board Of Equalization: 44-012481
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-002739-000001
Tank Status: Not reported
Capacity: 5000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: 4

Status: Not reported
Comp Number: 2739
Number: Not reported
Board Of Equalization: 44-012481
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-002739-000002
Tank Status: Not reported
Capacity: 5000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 2739
Number: Not reported
Board Of Equalization: 44-012481
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-002739-000003
Tank Status: Not reported
Capacity: 7000
Active Date: Not reported

BILL'S AUTOMOTIVE #1 (Continued) **S101617327**

Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 2739
Number: Not reported
Board Of Equalization: 44-012481
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-002739-000004
Tank Status: Not reported
Capacity: 200
Active Date: Not reported
Tank Use: OIL
STG: WASTE
Content: WASTE OIL
Number Of Tanks: Not reported

CA FID UST:
Facility ID: 19043314
Regulated By: UTNKI
Regulated ID: 00050621
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 2132222419
Mail To: Not reported
Mailing Address: 100 E AVENUE 28
Mailing Address 2: Not reported
Mailing City,St,Zip: LOS ANGELES 900310000
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Inactive

136
SSW
1/4-1/2
0.351 mi.
1855 ft.

BARON MANUFACTURING **ENVIROSTOR** **S101480762**
241 AVENUE 26 **N/A**
LOS ANGELES, CA 90031

Relative:
Lower

Actual:
359 ft.

ENVIROSTOR:
Name: BARON MANUFACTURING
Address: 241 AVENUE 26
City,State,Zip: LOS ANGELES, CA 90031
Facility ID: 19330366
Status: Refer: Other Agency
Status Date: 08/15/1995
Site Code: Not reported
Site Type: Historical
Site Type Detailed: * Historical

BARON MANUFACTURING (Continued) **S101480762**

Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	* Mmonroy
Division Branch:	Cleanup Chatsworth
Assembly:	Not reported
Senate:	Not reported
Special Program:	* RCRA 3012 - Past Haz Waste Disp Inven Site
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	34.07972
Longitude:	-118.2179
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	* UNSPECIFIED SOLVENT MIXTURES
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	CAD980636195
Alias Type:	EPA Identification Number
Alias Name:	19330366
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Screening
Completed Date:	10/25/1994
Comments:	Database verification project confirms NFA for DTSC.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Assessment Report
Completed Date:	01/01/1984
Comments:	SOURCE ACT: T/C W/MCNALLY - STEEL/SHEET METAL FABRICATION. SUBSIDIARY OF PUREX. NOW USED AS WOOD- WORK & METAL FABRICATING OPER-NEW OPER. SUBMIT TO EPA PRELIM ASSESS DONE RCRA 3012

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	* Discovery
Completed Date:	09/26/1983
Comments:	FACILITY IDENTIFIED ID FROM ERRIS

Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

W137
SW
1/4-1/2
0.357 mi.
1884 ft.

THE E.B. MALONE CORPORATION
306-360 AVENUE 26
LOS ANGELES, CA

Site 3 of 3 in cluster W

CPS-SLIC
CERS

S106487294
N/A

Relative:
Lower

Actual:
346 ft.

CPS-SLIC:

Site Name:	THE E.B. MALONE CORPORATION
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	04/14/2006
Global Id:	SL0603703528
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.080736
Longitude:	-118.220039
Case Type:	Cleanup Program Site
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	1133
File Location:	Not reported
Potential Media Affected:	Not reported
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

CERS TANKS:

Site ID:	214484
CERS ID:	SL0603703528
Site Name:	THE E.B. MALONE CORPORATION
CERS Description:	Cleanup Program Site

U138
West
1/4-1/2
0.375 mi.
1979 ft.

AVENUE 26 & FIGUEROA-LOS ANGEL
AVENUE 26 & FIGEROA BLVD
LOS ANGELES, CA

Site 2 of 5 in cluster U

WMUDS/SWAT

S103441406
N/A

Relative:
Lower

Actual:
351 ft.

WMUDS/SWAT:

Edit Date:	Not reported
Complexity:	Not reported
Primary Waste:	Not reported
Primary Waste Type:	Not reported
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Base Meridian:	Not reported
NPID:	Not reported
Tonnage:	0
Regional Board ID:	Not reported
Municipal Solid Waste:	False
Superorder:	False
Open To Public:	False
Waste List:	False
Agency Type:	Not reported
Agency Name:	Not reported
Agency Department:	Not reported
Agency Address:	Not reported
Agency City,St,Zip:	Not reported

AVENUE 26 & FIGUEROA-LOS ANGEL (Continued) **S103441406**

Agency Contact:	Not reported
Agency Telephone:	Not reported
Land Owner Name:	Not reported
Land Owner Address:	Not reported
Land Owner City,St,Zip:	CA
Land Owner Contact:	Not reported
Land Owner Phone:	Not reported
Region:	4
Facility Type:	Not reported
Facility Description:	Not reported
Facility Telephone:	Not reported
SWAT Facility Name:	Not reported
Primary SIC:	Not reported
Secondary SIC:	Not reported
Comments:	Not reported
Last Facility Editors:	Not reported
Waste Discharge System:	False
Solid Waste Assessment Test Program:	True
Toxic Pits Cleanup Act Program:	False
Resource Conservation Recovery Act:	False
Department of Defence:	False
Solid Waste Assessment Test Program:	Not reported
Threat to Water Quality:	Not reported
Sub Chapter 15:	False
Regional Board Project Officer:	LT
Number of WMUDS at Facility:	1
Section Range:	Not reported
RCRA Facility:	Not reported
Waste Discharge Requirements:	Not reported
Self-Monitoring Rept. Frequency:	Not reported
Waste Discharge System ID:	4 190144NUR
Solid Waste Information ID:	Not reported

U139 **CHEVRON #9-3707** **LUST** **S101582607**
West **2601 FIGUEROA** **HIST CORTESE** **N/A**
1/4-1/2 **LOS ANGELES, CA 90073**
0.380 mi.
2008 ft. **Site 3 of 5 in cluster U**

Relative: LUST REG 4:
Lower

Actual: Region:	4	
352 ft. Regional Board:	04	
County:	Los Angeles	
Facility Id:	900650234	
Status:	Preliminary site assessment underway	
Substance:	Gasoline	
Substance Quantity:	Not reported	
Local Case No:	Not reported	
Case Type:	Soil	
Abatement Method Used at the Site:		Not reported
Global ID:	T0603701195	
W Global ID:	Not reported	
Staff:	UNK	
Local Agency:	19050	
Cross Street:	AVENUE 26	
Enforcement Type:	Not reported	
Date Leak Discovered:	9/28/1992	
Date Leak First Reported:		9/28/1992

CHEVRON #9-3707 (Continued) **S101582607**

Date Leak Record Entered: 12/22/1992
Date Confirmation Began: Not reported
Date Leak Stopped: 9/28/1992
Date Case Last Changed on Database: 12/7/1992
Date the Case was Closed: Not reported
How Leak Discovered: Tank Closure
How Leak Stopped: Not reported
Cause of Leak: Overfill
Leak Source: UNK
Operator: Not reported
Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): 6704.17594052977007015404990 77
Source of Cleanup Funding: UNK
Preliminary Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: 9/28/1992
Pollution Characterization Began: Not reported
Remediation Plan Submitted: Not reported
Remedial Action Underway: Not reported
Post Remedial Action Monitoring Began: Not reported
Enforcement Action Date: Not reported
Historical Max MTBE Date: Not reported
Hist Max MTBE Conc in Groundwater: Not reported
Hist Max MTBE Conc in Soil: Not reported
Significant Interim Remedial Action Taken: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Organization: Not reported
Owner Contact: Not reported
Responsible Party: CHEVRON USA
RP Address: P.O. BOX 2833, LA HABRA, 90632
Program: LUST
Lat/Long: 34.0839054 / -1
Local Agency Staff: PEJ
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: Not reported

HIST CORTESE:
edr_fname: CHEVRON #9-3707
edr_fadd1: 2601 FIGUEROA
City,State,Zip: LOS ANGELES, CA 90073
Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: 900650234

U140 **SHELL** **ENF** **S105024608**
West **2600 FIGUEROA** **HIST CORTESE** **N/A**
1/4-1/2 **LOS ANGELES, CA 90065**
0.381 mi.
2011 ft. **Site 4 of 5 in cluster U**

Relative: **Lower**
Actual: **351 ft.**

ENF:

Region:	4
Facility Id:	256681
Agency Name:	Equilon Enterprises LLC dba Shell Oil Products US
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	All other facilities
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	34.083994
Place Longitude:	-118.222266
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	UST
Program Category1:	TANKS
Program Category2:	TANKS
# Of Programs:	1
WDID:	900650198
Reg Measure Id:	167738
Reg Measure Type:	Unregulated
Region:	4
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Never Active
Status Date:	02/20/2013
Effective Date:	Not reported
Expiration/Review Date:	Not reported

SHELL (Continued) **S105024608**

Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	230309
Region:	4
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	07/25/2000
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	07/25/2000
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 900650198
Description:	Level 1 enforcement letter sent 7/25/00 for FTS groundwater investigation workplan & fee title holder information.
Program:	UST
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

HIST CORTESE:

edr_fname:	SHELL
edr_fadd1:	2600 FIGUEROA
City,State,Zip:	LOS ANGELES, CA 90065
Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	900650198

U141 **SHELL** **LUST S110060286**
West **2600-2606 FIGUEROA ST N** **CERS N/A**
1/4-1/2 **LOS ANGELES, CA 90065**
0.381 mi.
2011 ft. **Site 5 of 5 in cluster U**

Relative: LUST:
Lower

Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603701192
Global Id:	T0603701192
Latitude:	34.0838104

Actual:
351 ft.

SHELL (Continued) **S110060286**

Longitude: -118.2223066
Status: Completed - Case Closed
Status Date: 10/22/2004
Case Worker: AT
RB Case Number: 900650198
Local Agency: LOS ANGELES, CITY OF
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating
Site History: Not reported

LUST:
Global Id: T0603701192
Contact Type: Regional Board Caseworker
Contact Name: ARMAN TOUMARI
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 WEST 4TH STREET, SUITE 200
City: LOS ANGELES
Email: atoumari@waterboards.ca.gov
Phone Number: 2135766708

Global Id: T0603701192
Contact Type: Local Agency Caseworker
Contact Name: ELOY LUNA
Organization Name: LOS ANGELES, CITY OF
Address: 200 North Main Street, Suite 1780
City: LOS ANGELES
Email: eloy.luna@lacity.org
Phone Number: Not reported

LUST:
Global Id: T0603701192
Action Type: Other
Date: 12/12/1984
Action: Leak Reported

Global Id: T0603701192
Action Type: ENFORCEMENT
Date: 01/24/2003
Action: Staff Letter

Global Id: T0603701192
Action Type: ENFORCEMENT
Date: 09/28/2004
Action: Notification - Preclosure

Global Id: T0603701192
Action Type: ENFORCEMENT
Date: 10/22/2004
Action: Closure/No Further Action Letter

Global Id: T0603701192
Action Type: ENFORCEMENT
Date: 03/21/2003
Action: Staff Letter

SHELL (Continued) **S110060286**

Global Id: T0603701192
Action Type: REMEDIATION
Date: 02/01/2001
Action: Excavation

Global Id: T0603701192
Action Type: REMEDIATION
Date: 10/01/2002
Action: Excavation

Global Id: T0603701192
Action Type: Other
Date: 12/11/1984
Action: Leak Discovery

Global Id: T0603701192
Action Type: RESPONSE
Date: 01/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0603701192
Action Type: RESPONSE
Date: 07/15/2002
Action: Monitoring Report - Quarterly

Global Id: T0603701192
Action Type: RESPONSE
Date: 10/15/2002
Action: Monitoring Report - Quarterly

Global Id: T0603701192
Action Type: RESPONSE
Date: 02/24/2003
Action: Other Report / Document

Global Id: T0603701192
Action Type: RESPONSE
Date: 07/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603701192
Action Type: RESPONSE
Date: 07/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0603701192
Action Type: RESPONSE
Date: 05/15/2003
Action: Soil and Water Investigation Report

Global Id: T0603701192
Action Type: RESPONSE
Date: 10/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0603701192
Action Type: RESPONSE

SHELL (Continued) **S110060286**

Date: 01/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603701192
Action Type: RESPONSE
Date: 04/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603701192
Action Type: RESPONSE
Date: 11/22/2004
Action: Unknown

Global Id: T0603701192
Action Type: ENFORCEMENT
Date: 09/23/2004
Action: Site Visit / Inspection / Sampling

LUST:
Global Id: T0603701192
Status: Completed - Case Closed
Status Date: 10/22/2004

Global Id: T0603701192
Status: Open - Case Begin Date
Status Date: 12/11/1984

Global Id: T0603701192
Status: Open - Site Assessment
Status Date: 07/25/2000

Global Id: T0603701192
Status: Open - Site Assessment
Status Date: 06/24/2002

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: 900650198
Status: Pollution Characterization
Substance: Waste Oil
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Groundwater
Abatement Method Used at the Site: Remove Free Product
Global ID: T0603701192
W Global ID: Not reported
Staff: RVJ
Local Agency: 19050
Cross Street: CYPRESS AVE
Enforcement Type: SEL
Date Leak Discovered: 12/11/1984
Date Leak First Reported: 12/12/1984
Date Leak Record Entered: Not reported

SHELL (Continued) **S110060286**

Date Confirmation Began:	Not reported	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		10/11/2002
Date the Case was Closed:		Not reported
How Leak Discovered:	Tank Closure	
How Leak Stopped:	Not reported	
Cause of Leak:	Corrosion	
Leak Source:	Tank	
Operator:	Not reported	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		6774.60837673281332802528545 57
Source of Cleanup Funding:		Tank
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		Not reported
Pollution Characterization Began:		7/25/2000
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		7/14/2000
Post Remedial Action Monitoring Began:		Not reported
Enforcement Action Date:		7/25/2000
Historical Max MTBE Date:		12/7/2001
Hist Max MTBE Conc in Groundwater:		12000
Hist Max MTBE Conc in Soil:		95
Significant Interim Remedial Action Taken:		Yes
GW Qualifier:	=	
Soil Qualifier:	=	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	RAY ALYESHERMERI	
RP Address:	2255 N. ONTARIO ST.	
Program:	LUST	
Lat/Long:	34.0838104 / -1	
Local Agency Staff:	PEJ	
Beneficial Use:	Not reported	
Priority:	LOP/HIGH - ADMINISTRATIVE (CLOSURE/SB2004/ENFORCEMENT)	
Cleanup Fund Id:	Not reported	
Suspended:	Not reported	
Assigned Name:	Not reported	
Summary:	3/21/97 - ADDITIONAL INFORMATION LETTER SENT; 5/13/97 - 1ST LEVEL ENFORCEMENT LETTER SENT; 8/8/97 - 2ND LEVEL ENFORCEMENT LETTER SENT; 8/24/97-INFO LTR NO SPECIFIC,1 PG.OF DATA W/NO TANK REM DATA; 8/16/00 ASSESSMENT WP	

CERS TANKS:

Site ID:	244805
CERS ID:	T0603701192
Site Name:	SHELL
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	ELOY LUNA - LOS ANGELES, CITY OF
Entity Title:	Not reported
Affiliation Address:	200 North Main Street, Suite 1780
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	Not reported

SHELL (Continued) **S110060286**

Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	ARMAN TOUMARI - LOS ANGELES RWQCB (REGION 4)
Entity Title:	Not reported
Affiliation Address:	320 WEST 4TH STREET, SUITE 200
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	2135766708

X142 **76 STATION #0857** **LUST** **S106448414**
West **2250 FIGUEROA ST. N.** **CERS** **N/A**
1/4-1/2 **LOS ANGELES, CA 90065**
0.389 mi.
2054 ft. **Site 1 of 3 in cluster X**

Relative: **Lower**
Actual: **348 ft.**

LUST REG 4:

Region:	4		
Regional Board:	04		
County:	Los Angeles		
Facility Id:	900650225A		
Status:	Pollution Characterization		
Substance:	Gasoline		
Substance Quantity:	Not reported		
Local Case No:	29479		
Case Type:	Soil		
Abatement Method Used at the Site:		Not reported	
Global ID:	T0603797126		
W Global ID:	Not reported		
Staff:	AT		
Local Agency:	19050		
Cross Street:	AVENUE TWENTY-SIX		
Enforcement Type:	DLSEL		
Date Leak Discovered:	6/29/2000		
Date Leak First Reported:		10/31/2001	
Date Leak Record Entered:	Not reported		
Date Confirmation Began:	10/31/2001		
Date Leak Stopped:	Not reported		
Date Case Last Changed on Database:		Not reported	
Date the Case was Closed:		Not reported	
How Leak Discovered:	OM		
How Leak Stopped:	Other Means		
Cause of Leak:	Not reported		
Leak Source:	UNK		
Operator:	Not reported		
Water System:	Not reported		
Well Name:	Not reported		
Approx. Dist To Production Well (ft):		Not reported	
Source of Cleanup Funding:		UNK	
Preliminary Site Assessment Workplan Submitted:		Not reported	
Preliminary Site Assessment Began:		10/31/2001	
Pollution Characterization Began:		7/27/2004	
Remediation Plan Submitted:		Not reported	
Remedial Action Underway:		Not reported	

76 STATION #0857 (Continued) **S106448414**

Post Remedial Action Monitoring Began:	Not reported
Enforcement Action Date:	Not reported
Historical Max MTBE Date:	Not reported
Hist Max MTBE Conc in Groundwater:	Not reported
Hist Max MTBE Conc in Soil:	Not reported
Significant Interim Remedial Action Taken:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Organization:	Not reported
Owner Contact:	Not reported
Responsible Party:	ROBERT PONCE
RP Address:	3525 HYLAND AVE.
Program:	LUST
Lat/Long:	0 / 0
Local Agency Staff:	Not reported
Beneficial Use:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Suspended:	Not reported
Assigned Name:	Not reported
Summary:	Not reported

CERS TANKS:

Site ID:	189985
CERS ID:	T0603797126
Site Name:	76 STATION #0857
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	ARMAN TOUMARI - LOS ANGELES RWQCB (REGION 4)
Entity Title:	Not reported
Affiliation Address:	320 WEST 4TH STREET, SUITE 200
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	2135766708

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	TBD - LOS ANGELES, CITY OF
Entity Title:	Not reported
Affiliation Address:	200 N. MAIN ST. RM. 970
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	2134826528

X143 **TOSCO S.S. #0857** **LUST** **S103282022**
West **2250 FIGUEROA ST N** **HIST CORTESE** **N/A**
1/4-1/2 **LOS ANGELES, CA 90065** **CERS**
0.389 mi.
2054 ft. **Site 2 of 3 in cluster X**

Relative:
Lower

Actual:
348 ft.

LUST:

Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603797126
Global Id:	T0603797126
Latitude:	34.083481
Longitude:	-118.222504
Status:	Completed - Case Closed
Status Date:	07/07/2005
Case Worker:	AT
RB Case Number:	900650225A
Local Agency:	LOS ANGELES, CITY OF
File Location:	Regional Board
Local Case Number:	29479
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0603797126
Contact Type:	Regional Board Caseworker
Contact Name:	ARMAN TOUMARI
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 WEST 4TH STREET, SUITE 200
City:	LOS ANGELES
Email:	atoumari@waterboards.ca.gov
Phone Number:	2135766708

Global Id:	T0603797126
Contact Type:	Local Agency Caseworker
Contact Name:	TBD
Organization Name:	LOS ANGELES, CITY OF
Address:	200 N. MAIN ST. RM. 970
City:	LOS ANGELES
Email:	Not reported
Phone Number:	2134826528

LUST:

Global Id:	T0603797126
Action Type:	ENFORCEMENT
Date:	07/07/2005
Action:	Closure/No Further Action Letter

Global Id:	T0603797126
Action Type:	Other
Date:	10/31/2001
Action:	Leak Reported

Global Id:	T0603797126
Action Type:	ENFORCEMENT
Date:	05/20/2005
Action:	Site Visit / Inspection / Sampling

TOSCO S.S. #0857 (Continued) **S103282022**

Global Id: T0603797126
Action Type: REMEDIATION
Date: 06/29/2000
Action: Other (Use Description Field)

Global Id: T0603797126
Action Type: RESPONSE
Date: 07/27/2004
Action: Soil and Water Investigation Workplan

Global Id: T0603797126
Action Type: RESPONSE
Date: 07/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603797126
Action Type: RESPONSE
Date: 04/30/2004
Action: Monitoring Report - Quarterly

Global Id: T0603797126
Action Type: Other
Date: 06/29/2000
Action: Leak Discovery

Global Id: T0603797126
Action Type: RESPONSE
Date: 05/14/2004
Action: Other Report / Document

Global Id: T0603797126
Action Type: RESPONSE
Date: 01/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0603797126
Action Type: RESPONSE
Date: 10/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603797126
Action Type: RESPONSE
Date: 12/09/2004
Action: Well Installation Report

Global Id: T0603797126
Action Type: RESPONSE
Date: 04/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0603797126
Action Type: ENFORCEMENT
Date: 04/14/2004
Action: Staff Letter

LUST:
Global Id: T0603797126

TOSCO S.S. #0857 (Continued) **S103282022**

Status: Completed - Case Closed
Status Date: 07/07/2005

Global Id: T0603797126
Status: Open - Case Begin Date
Status Date: 06/29/2000

Global Id: T0603797126
Status: Open - Site Assessment
Status Date: 10/31/2001

Global Id: T0603797126
Status: Open - Site Assessment
Status Date: 09/25/2003

Global Id: T0603797126
Status: Open - Site Assessment
Status Date: 07/27/2004

Lead Agency: LOS ANGELES, CITY OF
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603701194
Global Id: T0603701194
Latitude: 34.083481
Longitude: -118.222504
Status: Completed - Case Closed
Status Date: 07/07/2005
Case Worker: WR
RB Case Number: 900650225
Local Agency: LOS ANGELES, CITY OF
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Benzene
Site History: Not reported

LUST:
Global Id: T0603701194
Contact Type: Local Agency Caseworker
Contact Name: TBD
Organization Name: LOS ANGELES, CITY OF
Address: 200 N. MAIN ST. RM. 970
City: LOS ANGELES
Email: Not reported
Phone Number: 2134826528

Global Id: T0603701194
Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone Number: Not reported

LUST:

TOSCO S.S. #0857 (Continued) **S103282022**

Global Id: T0603701194
Action Type: Other
Date: 09/11/1997
Action: Leak Reported

Global Id: T0603701194
Action Type: Other
Date: 09/11/1997
Action: Leak Discovery

LUST:
Global Id: T0603701194
Status: Completed - Case Closed
Status Date: 11/23/1992

Global Id: T0603701194
Status: Completed - Case Closed
Status Date: 07/07/2005

Global Id: T0603701194
Status: Open - Case Begin Date
Status Date: 11/23/1992

Global Id: T0603701194
Status: Open - Reopen Case
Status Date: 07/24/2002

Global Id: T0603701194
Status: Open - Site Assessment
Status Date: 11/14/2003

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: 900650225
Status: Case Closed
Substance: Benzene
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Soil
Abatement Method Used at the Site: Not reported
Global ID: T0603701194
W Global ID: Not reported
Staff: UNK
Local Agency: 19050
Cross Street: AVENUE 26
Enforcement Type: Not reported
Date Leak Discovered: 9/11/1997
Date Leak First Reported: 9/11/1997
Date Leak Record Entered: 3/5/1998
Date Confirmation Began: Not reported
Date Leak Stopped: Not reported
Date Case Last Changed on Database: 1/30/1998
Date the Case was Closed: 11/23/1992

TOSCO S.S. #0857 (Continued) **S103282022**

How Leak Discovered: Subsurface Monitoring
How Leak Stopped: Not reported
Cause of Leak: Not reported
Leak Source: Not reported
Operator: Not reported
Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): 7090.459587071020717067700284
Source of Cleanup Funding: Not reported
Preliminary Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Remediation Plan Submitted: Not reported
Remedial Action Underway: Not reported
Post Remedial Action Monitoring Began: Not reported
Enforcement Action Date: Not reported
Historical Max MTBE Date: 12/9/2003
Hist Max MTBE Conc in Groundwater: 300
Hist Max MTBE Conc in Soil: Not reported
Significant Interim Remedial Action Taken: Not reported
GW Qualifier: =
Soil Qualifier: Not reported
Organization: Not reported
Owner Contact: Not reported
Responsible Party: TOSCO MARKETING CO
RP Address: P.O. BOX 25376, SANTA ANA, CA 92799
Program: LUST
Lat/Long: 34.0819505 / -1
Local Agency Staff: PEJ
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: Not reported

HIST CORTESE:
edr_fname: TOSCO S.S. #0857
edr_fadd1: 2250 FIGUEROA
City,State,Zip: LOS ANGELES, CA 90065
Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: 900650225

CERS TANKS:
Site ID: 214636
CERS ID: T0603701194
Site Name: TOSCO S.S. #0857
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: YUE RONG - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W. 4TH ST., SUITE 200
Affiliation City: Los Angeles

TOSCO S.S. #0857 (Continued) **S103282022**

Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	TBD - LOS ANGELES, CITY OF
Entity Title:	Not reported
Affiliation Address:	200 N. MAIN ST. RM. 970
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	2134826528

X144 **ARCO FACILITY NO. 9663** **LUST S105692112**
West **2251 FIGUEROA ST. N** **CERS N/A**
1/4-1/2 **LOS ANGELES, CA 90065**
0.427 mi.
2252 ft. **Site 3 of 3 in cluster X**

Relative: **Lower**

Actual: **347 ft.**

LUST:

Lead Agency:	LOS ANGELES, CITY OF
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603732727
Global Id:	T0603732727
Latitude:	34.08395
Longitude:	-118.223203
Status:	Completed - Case Closed
Status Date:	09/23/2003
Case Worker:	WR
RB Case Number:	Not reported
Local Agency:	LOS ANGELES, CITY OF
File Location:	Not reported
Local Case Number:	26310
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0603732727
Contact Type:	Local Agency Caseworker
Contact Name:	TBD
Organization Name:	LOS ANGELES, CITY OF
Address:	200 N. MAIN ST. RM. 970
City:	LOS ANGELES
Email:	Not reported
Phone Number:	2134826528
Global Id:	T0603732727
Contact Type:	Regional Board Caseworker
Contact Name:	YI LU
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	Not reported
City:	R4 UNKNOWN
Email:	ylu@waterboards.ca.gov
Phone Number:	Not reported

ARCO FACILITY NO. 9663 (Continued) **S105692112**

LUST:
Global Id: T0603732727
Action Type: Other
Date: 10/03/2002
Action: Leak Reported

Global Id: T0603732727
Action Type: REMEDIATION
Date: 06/14/2000
Action: Not reported

Global Id: T0603732727
Action Type: Other
Date: 06/14/2000
Action: Leak Discovery

Global Id: T0603732727
Action Type: Other
Date: 06/14/2000
Action: Leak Stopped

LUST:
Global Id: T0603732727
Status: Completed - Case Closed
Status Date: 09/23/2003

Global Id: T0603732727
Status: Open - Case Begin Date
Status Date: 06/14/2000

Global Id: T0603732727
Status: Open - Site Assessment
Status Date: 09/16/2003

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: Not reported
Status: Not reported
Substance: Gasoline
Substance Quantity: Not reported
Local Case No: 26310
Case Type: Soil
Abatement Method Used at the Site: Not reported
Global ID: T0603732727
W Global ID: Not reported
Staff: UNK
Local Agency: 19050
Cross Street: EASTERN
Enforcement Type: Not reported
Date Leak Discovered: 6/14/2000
Date Leak First Reported: 10/3/2002
Date Leak Record Entered: Not reported
Date Confirmation Began: Not reported

ARCO FACILITY NO. 9663 (Continued) **S105692112**

Date Leak Stopped: 6/14/2000
Date Case Last Changed on Database: Not reported
Date the Case was Closed: Not reported
How Leak Discovered: OM
How Leak Stopped: Not reported
Cause of Leak: UNK
Leak Source: UNK
Operator: Not reported
Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): Not reported
Source of Cleanup Funding: UNK
Preliminary Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Remediation Plan Submitted: Not reported
Remedial Action Underway: Not reported
Post Remedial Action Monitoring Began: Not reported
Enforcement Action Date: Not reported
Historical Max MTBE Date: Not reported
Hist Max MTBE Conc in Groundwater: Not reported
Hist Max MTBE Conc in Soil: .0011
Significant Interim Remedial Action Taken: Not reported
GW Qualifier: Not reported
Soil Qualifier: ND
Organization: Not reported
Owner Contact: Not reported
Responsible Party: SLAYMAN
RP Address: FOUR CENTERPOINTE DRIVE, LPR4-460
Program: LUST
Lat/Long: 0 / 0
Local Agency Staff: Not reported
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: Not reported

CERS TANKS:
Site ID: 243711
CERS ID: T0603732727
Site Name: ARCO FACILITY NO. 9663
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: TBD - LOS ANGELES, CITY OF
Entity Title: Not reported
Affiliation Address: 200 N. MAIN ST. RM. 970
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 2134826528

Affiliation Type Desc: Regional Board Caseworker

ARCO FACILITY NO. 9663 (Continued) **S105692112**

Entity Name:	YI LU - LOS ANGELES RWQCB (REGION 4)
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	R4 UNKNOWN
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

---

145 South 1/4-1/2 0.442 mi. 2333 ft. **BARON MFG** **SEMS-ARCHIVE** **1003878455**
241 AVE 26 **CAD980636195**
LOS ANGELES, CA 90031

Relative: Lower

Actual: 367 ft.

SEMS Archive:

Site ID:	0901788
EPA ID:	CAD980636195
Cong District:	25
FIPS Code:	06037
FF:	N
NPL:	Not on the NPL
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:

Region:	09
Site ID:	0901788
EPA ID:	CAD980636195
Site Name:	BARON MFG
NPL:	N
FF:	N
OU:	00
Action Code:	VS
Action Name:	ARCH SITE
SEQ:	1
Start Date:	Not reported
Finish Date:	1984-09-01 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf In-Hse

Region:	09
Site ID:	0901788
EPA ID:	CAD980636195
Site Name:	BARON MFG
NPL:	N
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1981-06-01 04:00:00
Finish Date:	1981-06-01 04:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0901788

BARON MFG (Continued) **1003878455**

EPA ID:	CAD980636195
Site Name:	BARON MFG
NPL:	N
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	1984-05-01 05:00:00
Finish Date:	1984-09-01 05:00:00
Qual:	N
Current Action Lead:	St Perf

---

146 **28TH AND DELL AVENUES** **Notify 65** **S100178526**
WNW **VENICE** **N/A**
1/2-1 **LOS ANGELES, CA**
0.508 mi.
2684 ft.

Relative: **Lower**
Actual: **347 ft.**

NOTIFY 65:

Date Reported:	Not reported
Staff Initials:	Not reported
Board File Number:	Not reported
Facility Type:	Not reported
Discharge Date:	Not reported
Issue Date:	Not reported
Incident Description:	Not reported

---

147 **VICTOR S INDUSTRIAL BATTERIES** **ENVIROSTOR** **S105689620**
SSW **138 N SAN FERNANDO RD** **VCP** **N/A**
1/2-1 **LOS ANGELES, CA 90031** **DEED**
0.713 mi. **HAZMAT**
3766 ft. **LA Co. Site Mitigation**

Relative: **Lower**
Actual: **343 ft.**

ENVIROSTOR:

Name:	VICTOR INDUSTRIAL BATTERY
Address:	138 N SAN FERNANDO RD
City,State,Zip:	LOS ANGELES, CA 90031
Facility ID:	19360528
Status:	Certified O&M - Land Use Restrictions Only
Status Date:	03/29/1995
Site Code:	300547
Site Type:	Voluntary Cleanup
Site Type Detailed:	Voluntary Cleanup
Acres:	0.1
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Maria Fabella
Supervisor:	Philip Chandler
Division Branch:	Cleanup Chatsworth
Assembly:	51
Senate:	24
Special Program:	Voluntary Cleanup Program
Restricted Use:	YES

VICTOR S INDUSTRIAL BATTERIES (Continued) **S105689620**

Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 34.07543
Longitude: -118.2214
APN: 5447-014-024, 5447014024
Past Use: BATTERY RECLAMATION
Potential COC: * LIQUIDS WITH PH <= 2 * CONTAMINATED SOIL * ACID SOLUTION 2>PH WITH METALS * ACID SOLUTION WITHOUT METALS * ALKALINE SOLUTION WITHOUT METALS * UNSPECIFIED ACID SOLUTION * UNSPECIFIED ALKALINE SOLUTIONS * ALKALINE SOLUTION 2<PH<12.5, WITH METALS * OFF-SPECIFICATION, AGED, OR SURPLUS INORGANICS * OTHER INORGANIC SOLID WASTE * OTHER SPENT CATALYST * LIQUIDS WITH PH <= 2 WITH METALS Lead
Confirmed COC: NONE SPECIFIED
Potential Description: SOIL, SV
Alias Name: VICTOR INDUSTRIAL BATTERY
Alias Type: Alternate Name
Alias Name: VICTOR'S INDUSTRIAL BATTERIES
Alias Type: Alternate Name
Alias Name: 5447-014-024
Alias Type: APN
Alias Name: 5447014024
Alias Type: APN
Alias Name: 110033613392
Alias Type: EPA (FRS #)
Alias Name: 300547
Alias Type: Project Code (Site Code)
Alias Name: 19360528
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Post HARP Form
Completed Date: 11/15/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 01/25/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 03/16/1994
Comments: The Department received a referral dated March 8, 1994 from the County of Los Angeles, Fire Department. The site was previously a battery recycler whose owner, Victor Pena, was under investigation by LA County and the LA City Attorney's Office for the illegal discharge of hazardous waste onto the subject property. The waste materials were being discharged into an unlined pit in the rear of the property and the driveway. The RP was subsequently convicted of illegal discharge of hazardous waste, sentenced and ordered to remediate the site. The "Subsurface Investigation Report" indicates that the maximum concentration of lead in the soil is 30,000 mg/kg and minimum pH is 0.48. RP has not been compiled with the County's directives. Therefore, the site was referred to the Department. Due to the

VICTOR S INDUSTRIAL BATTERIES (Continued) **S105689620**

evidence of onsite contamination, the Department recommends a PEA. The RP will be notified of this recommendation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 07/05/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 06/30/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 04/04/1991
Comments: Supplemental Addendum to Subsurface Investigation was submitted on July 31, 1991

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 08/12/1991
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 08/12/1991
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 09/17/1992
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 10/07/1992
Comments: Hard copy approval letter is not available

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 07/16/1993
Comments: Hard copy approval letter is not available

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 03/16/1994
Comments: Not reported

VICTOR S INDUSTRIAL BATTERIES (Continued) **S105689620**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Deed/LUR Enforcement & Implementation Plan
Completed Date: 03/29/1995
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 03/27/1995
Comments: DTSC enters into a Voluntary Cleanup Agreement with the Project Proponent. Under the terms of the Agreement, the Project Proponent will prepare a Deed Restriction in the manner specified by DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 03/27/1995
Comments: The Responsible Party recorded a Deed Restriction notification with the County of Los Angeles on March 27, 1995 and a copy has been provided to the Department. The Department has reviewed the Covenant and recommended that "No Further Action" is warranted provided the current cap is in place. Based on the Covenant, the Department should be notified prior to any soil disturbance at the site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/13/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 02/07/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 02/25/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 02/11/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pre-HARP Form
Completed Date: 04/15/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

VICTOR S INDUSTRIAL BATTERIES (Continued) **S105689620**

Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 03/05/2004
Comments: File Download into Envirostor on 3/2/2015

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Litigation Support
Completed Date: 07/17/1992
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 06/28/2016
Comments: LUC Inspection conducted on June 28, 2016

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 03/30/1994
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 09/21/1994
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Litigation Support
Completed Date: 08/11/1993
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation & Maintenance Order/Agreement
Completed Date: 03/27/1995
Comments: File Download into Envirostor on 3/2/2015

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 03/16/1994
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Litigation Support
Completed Date: 12/03/1990
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Litigation Support
Completed Date: 02/24/1994
Comments: Not reported

VICTOR S INDUSTRIAL BATTERIES (Continued) **S105689620**

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Land Use Restriction - Site Inspection/Visit
Completed Date:	09/30/2016
Comments:	30-day extension approval issued on 9/30/2016 to bring the facility into compliance

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Land Use Restriction - Site Inspection/Visit
Completed Date:	07/05/2016
Comments:	Report completed (finalized) on July 5, 2016

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Annual Oversight Cost Estimate
Completed Date:	09/10/2015
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Pre-HARP Form
Completed Date:	06/15/2016
Comments:	HARP approved by assigned Industrial Hygienist on June 15, 2016

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Correspondence
Completed Date:	07/06/2016
Comments:	Notification Letter issued on July 6, 2016

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Post HARP Form
Completed Date:	06/28/2016
Comments:	LUC field inspection conducted on June 28, 2016

Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

VCP:

Facility ID:	19360528
Site Type:	Voluntary Cleanup
Site Type Detail:	Voluntary Cleanup
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	0.1
National Priorities List:	NO
Cleanup Oversight Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Lead Agency Description:	Not reported

VICTOR S INDUSTRIAL BATTERIES (Continued) **S105689620**

Project Manager:	Maria Fabella
Supervisor:	Philip Chandler
Division Branch:	Cleanup Chatsworth
Site Code:	300547
Assembly:	51
Senate:	24
Special Programs Code:	Voluntary Cleanup Program
Status:	Certified O&M - Land Use Restrictions Only
Status Date:	03/29/1995
Restricted Use:	YES
Funding:	Responsible Party
Lat/Long:	34.07543 / -118.2214
APN:	5447-014-024, 5447014024
Past Use:	BATTERY RECLAMATION
Potential COC:	10015, 10097, 10119, 10120, 10124, 10193, 10194, 20001, 20009, 20011, 20013, 20024, 30013
Confirmed COC:	NONE SPECIFIED
Potential Description:	SOIL, SV
Alias Name:	VICTOR INDUSTRIAL BATTERY
Alias Type:	Alternate Name
Alias Name:	VICTOR'S INDUSTRIAL BATTERIES
Alias Type:	Alternate Name
Alias Name:	5447-014-024
Alias Type:	APN
Alias Name:	5447014024
Alias Type:	APN
Alias Name:	110033613392
Alias Type:	EPA (FRS #)
Alias Name:	300547
Alias Type:	Project Code (Site Code)
Alias Name:	19360528
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Post HARP Form
Completed Date:	11/15/2016
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Land Use Restriction - Site Inspection/Visit
Completed Date:	01/25/2017
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Screening
Completed Date:	03/16/1994
Comments:	The Department received a referral dated March 8, 1994 from the County of Los Angeles, Fire Department. The site was previously a battery recycler whose owner, Victor Pena, was under investigation by LA County and the LA City Attorney's Office for the illegal discharge of hazardous waste onto the subject property. The waste materials were being discharged into an unlined pit in the rear of the property and the driveway. The RP was subsequently convicted of illegal discharge of hazardous waste, sentenced and ordered to remediate the

VICTOR S INDUSTRIAL BATTERIES (Continued) **S105689620**

site. The "Subsurface Investigation Report" indicates that the maximum concentration of lead in the soil is 30,000 mg/kg and minimum pH is 0.48. RP has not been compiled with the County's directives. Therefore, the site was referred to the Department. Due to the evidence of onsite contamination, the Department recommends a PEA. The RP will be notified of this recommendation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 07/05/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 06/30/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 04/04/1991
Comments: Supplemental Addendum to Subsurface Investigation was submitted on July 31, 1991

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 08/12/1991
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 08/12/1991
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 09/17/1992
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 10/07/1992
Comments: Hard copy approval letter is not available

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 07/16/1993
Comments: Hard copy approval letter is not available

Completed Area Name: PROJECT WIDE

VICTOR S INDUSTRIAL BATTERIES (Continued) **S105689620**

Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 03/16/1994
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Deed/LUR Enforcement & Implementation Plan
Completed Date: 03/29/1995
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 03/27/1995
Comments: DTSC enters into a Voluntary Cleanup Agreement with the Project Proponent. Under the terms of the Agreement, the Project Proponent will prepare a Deed Restriction in the manner specified by DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 03/27/1995
Comments: The Responsible Party recorded a Deed Restriction notification with the County of Los Angeles on March 27, 1995 and a copy has been provided to the Department. The Department has reviewed the Covenant and recommended that "No Further Action" is warranted provided the current cap is in place. Based on the Covenant, the Department should be notified prior to any soil disturbance at the site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/13/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 02/07/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 02/25/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 02/11/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pre-HARP Form

VICTOR S INDUSTRIAL BATTERIES (Continued) **S105689620**

Completed Date: 04/15/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 03/05/2004
Comments: File Download into Envirostor on 3/2/2015

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Litigation Support
Completed Date: 07/17/1992
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 06/28/2016
Comments: LUC Inspection conducted on June 28, 2016

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 03/30/1994
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 09/21/1994
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Litigation Support
Completed Date: 08/11/1993
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation & Maintenance Order/Agreement
Completed Date: 03/27/1995
Comments: File Download into Envirostor on 3/2/2015

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 03/16/1994
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Litigation Support
Completed Date: 12/03/1990
Comments: Not reported

VICTOR S INDUSTRIAL BATTERIES (Continued) **S105689620**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Litigation Support
Completed Date: 02/24/1994
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 09/30/2016
Comments: 30-day extension approval issued on 9/30/2016 to bring the facility into compliance

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 07/05/2016
Comments: Report completed (finalized) on July 5, 2016

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/10/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pre-HARP Form
Completed Date: 06/15/2016
Comments: HARP approved by assigned Industrial Hygienist on June 15, 2016

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 07/06/2016
Comments: Notification Letter issued on July 6, 2016

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Post HARP Form
Completed Date: 06/28/2016
Comments: LUC field inspection conducted on June 28, 2016

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

DEED:
Envirostor ID: 19360528
Area: PROJECT WIDE
Sub Area: Not reported

VICTOR S INDUSTRIAL BATTERIES (Continued) **S105689620**

Site Type: VOLUNTARY CLEANUP
Status: CERTIFIED O&M - LAND USE RESTRICTIONS ONLY
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): 03/27/1995
File Name: Envirostor Land Use Restrictions

LOS ANGELES HM:
Facility ID: FA0008770
Last Run Date: 01/01/2019
Status: ACTIVE

LA Co. Site Mitigation:
Name: VICTOR S INDUSTRIAL BATTERIES
Address: 138 N SAN FERNANDO RD
City,State,Zip: LOS ANGELES, CA 90031
Facility ID: Not reported
Status: Not reported
Site ID: SD0010405
Jurisdiction: Not reported
Case ID: RO0000597
Abated: Yes
Assigned To: Don Thompson
Entered Date: Not reported
Abated Date: 03/07/1994

Y148 **NATIONAL AIRCRAFT EQUIPMENT CO.** **ENVIROSTOR** **S107736819**
WSW **N/A**
1/2-1 **LOS ANGELES, CA**
0.745 mi.
3936 ft. **Site 1 of 2 in cluster Y**

Relative:
Higher

Actual:
436 ft.

ENVIROSTOR:
Name: NATIONAL AIRCRAFT EQUIPMENT CO.
Address: Not reported
City,State,Zip: LOS ANGELES, CA
Facility ID: 80001108
Status: Inactive - Needs Evaluation
Status Date: 07/01/2005
Site Code: Not reported
Site Type: Military Evaluation
Site Type Detailed: FUDS
Acres: 0
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Douglas Bautista
Division Branch: Cleanup Cypress
Assembly: 51
Senate: 24
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: DERA
Latitude: 34.08083
Longitude: -118.2280

NATIONAL AIRCRAFT EQUIPMENT CO. (Continued) **S107736819**

APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CA99799FA43700
Alias Type: Federal Facility ID
Alias Name: J09CA7410
Alias Type: INPR
Alias Name: 80001108
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Inventory Project Report (INPR)
Completed Date: 05/14/1999
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Y149 **NATIONAL AIRCRAFT EQUIPMENT CO.** **FUDS** **1024904064**
WSW **N/A**
1/2-1 **LOS ANGELES, CA**
0.748 mi.
3951 ft. **Site 2 of 2 in cluster Y**

Relative:
Higher

Actual:
460 ft.

FUDS:
EPA Region: 9
Installation ID: CA99799FA43700
Congressional District Number: 34
Facility Name: NATIONAL AIRCRAFT EQUIPMENT CO.
FUDS Number: J09CA7410
City: LOS ANGELES
State: CA
County: LOS ANGELES COUNTY
Telephone: 213-452-3920
USACE Division: South Pacific Division (SPD)
USACE District: Los Angeles District (SPL)
Status: Properties without projects
Current Owner: Not reported
X Coord: -13161086.9424309
Y Coord: 4039661.13856273
Latitude: 34.080833329999997
Longitude: -118.22805556

150 WNW 1/2-1 0.872 mi. 4606 ft. | **INDUSTRIAL COMPOUNDS**
1010 SAN FERNANDO
LOS ANGELES, CA 90065 | **ENVIROSTOR HIST CORTESE** | **S102860899 N/A**

Relative: Lower

Actual: 343 ft.

ENVIROSTOR:

Name:	INDUSTRIAL COMPOUNDS
Address:	1010 SAN FERNANDO ROAD
City,State,Zip:	LOS ANGELES, CA 90031
Facility ID:	19500116
Status:	No Further Action
Status Date:	12/08/1994
Site Code:	Not reported
Site Type:	Historical
Site Type Detailed:	* Historical
Acres:	0
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	* Mmonroy
Division Branch:	Cleanup Chatsworth
Assembly:	51
Senate:	24
Special Program:	* Site Char & Assess Grant (CERCLA 104)
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	34.09192
Longitude:	-118.2281
APN:	5453004027
Past Use:	DEGREASING FACILITY
Potential COC:	Chromium VI
Confirmed COC:	30153-NO
Potential Description:	SOIL
Alias Name:	SPEED-D-BURR COMPANY
Alias Type:	Alternate Name
Alias Name:	5453004027
Alias Type:	APN
Alias Name:	CAD008313918
Alias Type:	EPA Identification Number
Alias Name:	19500116
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Screening
Completed Date:	12/08/1994
Comments:	CALSITES VALIDATION PROGRAM CONFIRMS NFA FOR DTSC.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Assessment Report
Completed Date:	04/01/1985
Comments:	INSPECTION(LOCAL) CITY SANNIT. QUARTERLY INSP SINCE 1950 CITY FIRE DEPT. YEARLY INSP. NO VIOS. T/C W/ B.MEHL,INDUST,213-221-5196 - 1)SOURCE ACT: DEBURRING & BURNISHING OPR 2)HAULER: CHEM-RAN PUMPING 3)YR OF OPER: 1947 TO PRESENT LA CITY SANIT - 1)SOURCE ACT: METAL

INDUSTRIAL COMPOUNDS (Continued) **S102860899**

CLNG BBL WASHING & TUMBLING OPERS. 2)WASTE: DISCH TO STREET PRIOR TO 1955. SUBMIT TO EPA PRELIM ASSESS DONE CERCLA 104

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	* Discovery
Completed Date:	07/29/1982
Comments:	FACILITY IDENTIFIED ID BY LA CHAM COMM DIR 1963-64 MFG DEBURRING EQUIPMENT;DBURRING
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

HIST CORTESE:

edr_fname:	INDUSTRIAL COMPOUNDS
edr_fadd1:	1010 SAN FERNANDO
City,State,Zip:	LOS ANGELES, CA 90065
Region:	CORTESE
Facility County Code:	19
Reg By:	CALSI
Reg Id:	19500116

---

151 NW 1/2-1 0.887 mi. 4686 ft.

ARAGON ELEMENTARY SCHOOL
1118 ARAGON AVENUE
LOS ANGELES, CA 90065

ENVIROSTOR SCH EMI CERS **S105628633 N/A**

Relative: Higher

Actual: 390 ft.

ENVIROSTOR:

Name:	ARAGON ELEMENTARY SCHOOL
Address:	1118 ARAGON AVENUE
City,State,Zip:	LOS ANGELES, CA 90065-1704
Facility ID:	19880029
Status:	No Further Action
Status Date:	03/21/2002
Site Code:	304268
Site Type:	School Investigation
Site Type Detailed:	School
Acres:	1
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Yolanda Garza
Division Branch:	Southern California Schools & Brownfields Outreach
Assembly:	51
Senate:	24
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED

ARAGON ELEMENTARY SCHOOL (Continued) **S105628633**

Funding: School District
Latitude: 34.09485
Longitude: -118.2255
APN: 5454024906
Past Use: RESIDENTIAL AREA
Potential COC: NONE SPECIFIED No Contaminants found
Confirmed COC: NONE SPECIFIED
Potential Description: SOIL
Alias Name: ARAGON ELEMENTARY SCHOOL
Alias Type: Alternate Name
Alias Name: LAUSD-ARAGON ELEM
Alias Type: Alternate Name
Alias Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: 5454024906
Alias Type: APN
Alias Name: 304268
Alias Type: Project Code (Site Code)
Alias Name: 19880029
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 03/21/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 08/20/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 01/27/2003
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

SCH:

ARAGON ELEMENTARY SCHOOL (Continued) **S105628633**

Facility ID:	19880029
Site Type:	School Investigation
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	1
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Not reported
Supervisor:	Yolanda Garza
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	304268
Assembly:	51
Senate:	24
Special Program Status:	Not reported
Status:	No Further Action
Status Date:	03/21/2002
Restricted Use:	NO
Funding:	School District
Latitude:	34.09485
Longitude:	-118.2255
APN:	5454024906
Past Use:	RESIDENTIAL AREA
Potential COC:	NONE SPECIFIED, No Contaminants found
Confirmed COC:	NONE SPECIFIED
Potential Description:	SOIL
Alias Name:	ARAGON ELEMENTARY SCHOOL
Alias Type:	Alternate Name
Alias Name:	LAUSD-ARAGON ELEM
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	5454024906
Alias Type:	APN
Alias Name:	304268
Alias Type:	Project Code (Site Code)
Alias Name:	19880029
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	02/10/2000
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	03/21/2002
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1
Completed Date:	08/20/2001
Comments:	Not reported

ARAGON ELEMENTARY SCHOOL (Continued) **S105628633**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 01/27/2003
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

EMI:
Year: 1990
County Code: 19
Air Basin: SC
Facility ID: 72823
Air District Name: SC
SIC Code: 8211
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

CERS TANKS:
Site ID: 334683
CERS ID: 19880029
Site Name: ARAGON ELEMENTARY SC
CERS Description: School Investigation

Affiliation:
Affiliation Type Desc: Supervisor
Entity Name: YOLANDA GARZA
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Count: 3 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
LOS ANGELES	S106116451	THE E.B. MALONE CORP.	306 AVENUE 26	90031	CPS-SLIC
LOS ANGELES	S101661395	METRO RAIL PASADENA BLUE LINE	BETWEEN AVENUE 33 & FRENCH AVE	90065	ENVIROSTOR
LOS ANGELES	S120714330	LINK STATION US PROJECT	800 NORTH UNION STATION	90012	ENVIROSTOR, VCP

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/18/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 26

Source: EPA
Telephone: N/A
Last EDR Contact: 06/06/2019
Next Scheduled EDR Contact: 07/15/2019
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/18/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 26

Source: EPA
Telephone: N/A
Last EDR Contact: 06/06/2019
Next Scheduled EDR Contact: 07/15/2019
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/18/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 26

Source: EPA
Telephone: N/A
Last EDR Contact: 06/06/2019
Next Scheduled EDR Contact: 07/15/2019
Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 04/03/2019
Date Data Arrived at EDR: 04/05/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 04/05/2019
Next Scheduled EDR Contact: 07/15/2019
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/18/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 35

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 06/06/2019
Next Scheduled EDR Contact: 07/29/2019
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/18/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 35

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 06/06/2019
Next Scheduled EDR Contact: 07/29/2019
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/27/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 21

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 03/27/2019
Next Scheduled EDR Contact: 07/08/2019
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/27/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/27/2019
Next Scheduled EDR Contact: 07/08/2019
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/27/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/27/2019
Next Scheduled EDR Contact: 07/08/2019
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/27/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/27/2019
Next Scheduled EDR Contact: 07/08/2019
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/27/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/27/2019
Next Scheduled EDR Contact: 07/08/2019
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 02/22/2019
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 41

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 05/10/2019
Next Scheduled EDR Contact: 08/26/2019
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 01/31/2019
Date Data Arrived at EDR: 02/04/2019
Date Made Active in Reports: 03/08/2019
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 05/29/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 01/31/2019
Date Data Arrived at EDR: 02/04/2019
Date Made Active in Reports: 03/08/2019
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 05/29/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/26/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 36

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 03/26/2019
Next Scheduled EDR Contact: 07/08/2019
Data Release Frequency: Quarterly

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 01/28/2019
Date Data Arrived at EDR: 01/29/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 35

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 04/30/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 01/28/2019
Date Data Arrived at EDR: 01/29/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 35

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 04/30/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Quarterly

State and tribal landfill and/or solid waste disposal site lists

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 02/11/2019
Date Data Arrived at EDR: 02/12/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 21

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 05/14/2019
Next Scheduled EDR Contact: 08/26/2019
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

LUST: Leaking Underground Fuel Tank Report (GEOTRACKER)

Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Quarterly

LUST REG 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Varies

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing

For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

LUST REG 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 7: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 10/10/2018
Date Data Arrived at EDR: 03/08/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 10/16/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55
Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 02/19/2019
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 11/01/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55
Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 09/24/2018
Date Data Arrived at EDR: 03/12/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 50
Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 10/13/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55
Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 10/12/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55
Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 10/17/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55
Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

CPS-SLIC: Statewide SLIC Cases (GEOTRACKER)

Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: Semi-Annually

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: Varies

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Semi-Annually

SLIC REG 6L: SLIC Sites
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: Annually

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 05/15/2017
Date Data Arrived at EDR: 05/30/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 136

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 04/25/2019
Next Scheduled EDR Contact: 07/22/2019
Data Release Frequency: Varies

UST CLOSURE: Proposed Closure of Underground Storage Tank (UST) Cases

UST cases that are being considered for closure by either the State Water Resources Control Board or the Executive Director have been posted for a 60-day public comment period. UST Case Closures being proposed for consideration by the State Water Resources Control Board. These are primarily UST cases that meet closure criteria under the decisional framework in State Water Board Resolution No. 92-49 and other Board orders. UST Case Closures proposed for consideration by the Executive Director pursuant to State Water Board Resolution No. 2012-0061. These are cases that meet the criteria of the Low-Threat UST Case Closure Policy. UST Case Closure Review Denials and Approved Orders.

Date of Government Version: 03/11/2019
Date Data Arrived at EDR: 03/13/2019
Date Made Active in Reports: 04/03/2019
Number of Days to Update: 21

Source: State Water Resources Control Board
Telephone: 916-327-7844
Last EDR Contact: 06/12/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Semi-Annually

MILITARY UST SITES: Military UST Sites (GEOTRACKER)

Military ust sites

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016
Date Data Arrived at EDR: 07/12/2016
Date Made Active in Reports: 09/19/2016
Number of Days to Update: 69

Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 06/17/2019
Next Scheduled EDR Contact: 09/30/2019
Data Release Frequency: Quarterly

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 10/16/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 10/10/2018
Date Data Arrived at EDR: 03/08/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 54

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 10/17/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 11/07/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 11/01/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 10/12/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 09/24/2018
Date Data Arrived at EDR: 03/12/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 50

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/03/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142
Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 06/20/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27
Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Properties
Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 01/28/2019
Date Data Arrived at EDR: 01/29/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 35
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 04/30/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Quarterly

State and tribal Brownfields sites

BROWNFIELDS: Considered Brownfieds Sites Listing
A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/26/2019
Date Made Active in Reports: 04/29/2019
Number of Days to Update: 34
Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 03/26/2019
Next Scheduled EDR Contact: 07/08/2019
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites
Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 12/17/2018
Date Data Arrived at EDR: 12/18/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 24
Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 06/04/2019
Next Scheduled EDR Contact: 09/30/2019
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: Waste Management Unit Database

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 04/25/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 03/11/2019
Date Data Arrived at EDR: 03/13/2019
Date Made Active in Reports: 04/30/2019
Number of Days to Update: 48

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 06/12/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 03/26/2019
Date Data Arrived at EDR: 03/27/2019
Date Made Active in Reports: 04/30/2019
Number of Days to Update: 34

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 05/09/2019
Next Scheduled EDR Contact: 08/26/2019
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Varies

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 04/22/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 04/23/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 02/24/2019
Date Data Arrived at EDR: 02/26/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 50

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/24/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 01/28/2019
Date Data Arrived at EDR: 01/29/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 35

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 04/30/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 06/12/2018
Date Made Active in Reports: 08/06/2018
Number of Days to Update: 55

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 05/02/2019
Next Scheduled EDR Contact: 07/22/2019
Data Release Frequency: Varies

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

CERS HAZ WASTE: CERS HAZ WASTE

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

Date of Government Version: 04/09/2019
Date Data Arrived at EDR: 04/11/2019
Date Made Active in Reports: 05/08/2019
Number of Days to Update: 27

Source: CalEPA
Telephone: 916-323-2514
Last EDR Contact: 04/11/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Quarterly

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 02/24/2019
Date Data Arrived at EDR: 02/26/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 50

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/24/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: Quarterly

PFAS: PFAS Contamination Site Location Listing

A listing of PFAS contaminated sites included in the GeoTracker database.

Date of Government Version: 02/21/2019
Date Data Arrived at EDR: 02/22/2019
Date Made Active in Reports: 04/15/2019
Number of Days to Update: 52

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/19/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 12/04/2018
Date Data Arrived at EDR: 12/06/2018
Date Made Active in Reports: 12/14/2018
Number of Days to Update: 8

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 05/24/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SAN FRANCISCO AST: Aboveground Storage Tank Site Listing
Aboveground storage tank sites

Date of Government Version: 09/11/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 10/11/2018
Number of Days to Update: 29

Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 05/02/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Varies

CA FID UST: Facility Inventory Database
The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CERS TANKS: California Environmental Reporting System (CERS) Tanks
List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

Date of Government Version: 04/09/2019
Date Data Arrived at EDR: 04/11/2019
Date Made Active in Reports: 05/08/2019
Number of Days to Update: 27

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 04/11/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Quarterly

Local Land Records

LIENS: Environmental Liens Listing
A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 02/28/2019
Date Data Arrived at EDR: 03/01/2019
Date Made Active in Reports: 04/02/2019
Number of Days to Update: 32

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 06/03/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information
A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/18/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 35

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 06/06/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Semi-Annually

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 03/04/2019
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 27

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 06/04/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/26/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 49

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 03/26/2019
Next Scheduled EDR Contact: 07/08/2019
Data Release Frequency: Quarterly

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 10/24/2018
Date Data Arrived at EDR: 01/24/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 40

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Semi-Annually

LDS: Land Disposal Sites Listing (GEOTRACKER)

Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing (GEOTRACKER)

Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/22/2013
Number of Days to Update: 50

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/27/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/27/2019
Next Scheduled EDR Contact: 07/08/2019
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 03/07/2019
Date Data Arrived at EDR: 04/03/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 50

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 05/21/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 04/12/2019
Next Scheduled EDR Contact: 07/22/2019
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 04/12/2019
Next Scheduled EDR Contact: 07/22/2019
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63
Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 05/13/2019
Next Scheduled EDR Contact: 08/26/2019
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/26/2019
Date Made Active in Reports: 05/07/2019
Number of Days to Update: 42
Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 03/26/2019
Next Scheduled EDR Contact: 07/08/2019
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88
Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 05/06/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73
Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 05/10/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 06/21/2017
Date Made Active in Reports: 01/05/2018
Number of Days to Update: 198
Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 06/18/2019
Next Scheduled EDR Contact: 09/30/2019
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 01/10/2018
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 2

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 05/24/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 04/24/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/18/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 35

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 06/06/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 04/25/2019
Date Data Arrived at EDR: 05/02/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 04/22/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PRP: Potentially Responsible Parties
A listing of verified Potentially Responsible Parties

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/18/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 06/06/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Quarterly

PADS: PCB Activity Database System
PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 03/20/2019
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 34

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 04/10/2019
Next Scheduled EDR Contact: 07/22/2019
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System
The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 04/08/2019
Next Scheduled EDR Contact: 07/22/2019
Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: Quarterly

MLTS: Material Licensing Tracking System
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 08/30/2016
Date Data Arrived at EDR: 09/08/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 43

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 04/22/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76
Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 06/07/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 06/07/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 05/24/2017
Date Data Arrived at EDR: 11/30/2017
Date Made Active in Reports: 12/15/2017
Number of Days to Update: 15
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 04/02/2019
Date Data Arrived at EDR: 04/02/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 42
Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 04/02/2019
Next Scheduled EDR Contact: 07/15/2019
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 12/03/2018
Date Data Arrived at EDR: 01/29/2019
Date Made Active in Reports: 03/21/2019
Number of Days to Update: 51

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 04/30/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 03/31/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 30

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 04/05/2019
Next Scheduled EDR Contact: 07/22/2019
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 09/28/2017
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 05/24/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 04/11/2019
Next Scheduled EDR Contact: 07/22/2019
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 08/08/2017
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 3

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 05/02/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 06/23/2017
Date Data Arrived at EDR: 10/11/2017
Date Made Active in Reports: 11/03/2017
Number of Days to Update: 23

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 05/24/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/18/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 26

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 06/06/2019
Next Scheduled EDR Contact: 07/15/2019
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 11/27/2018
Date Data Arrived at EDR: 02/27/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 33

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 05/29/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 12/05/2005
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 49

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/31/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/31/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 03/27/2019
Date Data Arrived at EDR: 03/28/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 34

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 06/19/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 02/15/2019
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 03/15/2019
Number of Days to Update: 10

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 06/05/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 04/07/2019
Date Data Arrived at EDR: 04/09/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 44

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 04/09/2019
Next Scheduled EDR Contact: 07/22/2019
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 01/17/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 74

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 04/15/2019
Next Scheduled EDR Contact: 07/29/2019
Data Release Frequency: Varies

DOCKET HWC: Hazardous Waste Compliance Docket Listing
A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 07/26/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 71
Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 05/24/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing
This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 02/19/2019
Date Data Arrived at EDR: 02/21/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 39
Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 05/21/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Quarterly

CA BOND EXP. PLAN: Bond Expenditure Plan
Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6
Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CORTESE: "Cortese" Hazardous Waste & Substances Sites List
The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/26/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 36
Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 03/26/2019
Next Scheduled EDR Contact: 07/08/2019
Data Release Frequency: Quarterly

CUPA SAN FRANCISCO CO: CUPA Facility Listing
Cupa facilities

Date of Government Version: 04/18/2019
Date Data Arrived at EDR: 04/19/2019
Date Made Active in Reports: 04/30/2019
Number of Days to Update: 11
Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 04/18/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Varies

CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing
list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 01/23/2019
Date Data Arrived at EDR: 02/26/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 34
Source: Livermore-Pleasanton Fire Department
Telephone: 925-454-2361
Last EDR Contact: 05/14/2019
Next Scheduled EDR Contact: 08/26/2019
Data Release Frequency: Varies

DRYCLEAN SOUTH COAST: South Coast Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the South Coast Air Quality Management District

Date of Government Version: 03/19/2019
Date Data Arrived at EDR: 03/22/2019
Date Made Active in Reports: 04/09/2019
Number of Days to Update: 18

Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 05/23/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: Varies

DRYCLEANERS: Cleaner Facilities

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 03/01/2019
Date Data Arrived at EDR: 04/25/2019
Date Made Active in Reports: 05/30/2019
Number of Days to Update: 35

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 06/03/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Annually

DRYCLEAN AVAQMD: Antelope Valley Air Quality Management District Drycleaner Listing

A listing of dry cleaners in the Antelope Valley Air Quality Management District.

Date of Government Version: 02/27/2019
Date Data Arrived at EDR: 02/28/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 32

Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 06/03/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Varies

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 06/20/2018
Date Made Active in Reports: 08/06/2018
Number of Days to Update: 47

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 06/21/2019
Next Scheduled EDR Contact: 09/30/2019
Data Release Frequency: Varies

ENF: Enforcement Action Listing

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 11/01/2018
Date Data Arrived at EDR: 11/02/2018
Date Made Active in Reports: 12/13/2018
Number of Days to Update: 41

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 05/14/2019
Next Scheduled EDR Contact: 08/26/2019
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 01/10/2019
Date Data Arrived at EDR: 01/23/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 41

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 04/22/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 02/15/2019
Date Data Arrived at EDR: 02/19/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 14

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 05/09/2019
Next Scheduled EDR Contact: 08/26/2019
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 04/09/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 50

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 04/22/2019
Next Scheduled EDR Contact: 07/22/2019
Data Release Frequency: Annually

ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 02/19/2019
Date Data Arrived at EDR: 02/20/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 13

Source: Department of Toxic Subsances Control
Telephone: 877-786-9427
Last EDR Contact: 05/21/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 02/19/2019
Date Data Arrived at EDR: 02/20/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 13

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/21/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 04/08/2019
Date Data Arrived at EDR: 04/09/2019
Date Made Active in Reports: 05/30/2019
Number of Days to Update: 51

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 04/09/2019
Next Scheduled EDR Contact: 07/22/2019
Data Release Frequency: Quarterly

MINES: Mines Site Location Listing
A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/12/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 34
Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Quarterly

MWMP: Medical Waste Management Program Listing
The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 02/20/2019
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 04/02/2019
Number of Days to Update: 28
Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 06/04/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Varies

NPDES: NPDES Permits Listing
A listing of NPDES permits, including stormwater.

Date of Government Version: 02/11/2019
Date Data Arrived at EDR: 02/12/2019
Date Made Active in Reports: 03/07/2019
Number of Days to Update: 23
Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 05/14/2019
Next Scheduled EDR Contact: 08/26/2019
Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing
A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 03/04/2019
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 04/05/2019
Number of Days to Update: 31
Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 06/04/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Quarterly

PROC: Certified Processors Database
A listing of certified processors.

Date of Government Version: 03/11/2019
Date Data Arrived at EDR: 03/13/2019
Date Made Active in Reports: 04/29/2019
Number of Days to Update: 47
Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 06/12/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records
Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 03/18/2019
Date Data Arrived at EDR: 03/19/2019
Date Made Active in Reports: 04/29/2019
Number of Days to Update: 41
Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 06/17/2019
Next Scheduled EDR Contact: 09/30/2019
Data Release Frequency: No Update Planned

UIC: UIC Listing
A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 04/27/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 07/17/2018
Number of Days to Update: 34
Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)
Underground control injection sites

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35
Source: State Water Resource Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing
Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water boards review found that more than one-third of the region's active disposal pits are operating without permission.

Date of Government Version: 05/08/2018
Date Data Arrived at EDR: 07/11/2018
Date Made Active in Reports: 09/13/2018
Number of Days to Update: 64
Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 04/12/2019
Next Scheduled EDR Contact: 07/22/2019
Data Release Frequency: Varies

WDS: Waste Discharge System
Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9
Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Quarterly

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)
Military privatized sites

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)
Projects sites

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

WDR: Waste Discharge Requirements Listing
In general, the Waste Discharge Requirements (WDRs) Program (sometimes also referred to as the "Non Chapter 15 (Non 15) Program") regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act. Exemptions from Title 27 may be granted for nine categories of discharges (e.g., sewage, wastewater, etc.) that meet, and continue to meet, the preconditions listed for each specific exemption. The scope of the WDRs Program also includes the discharge of wastes classified as inert, pursuant to section 20230 of Title 27.

Date of Government Version: 03/11/2019
Date Data Arrived at EDR: 03/13/2019
Date Made Active in Reports: 04/29/2019
Number of Days to Update: 47

Source: State Water Resources Control Board
Telephone: 916-341-5810
Last EDR Contact: 06/12/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Quarterly

CIWQS: California Integrated Water Quality System

The California Integrated Water Quality System (CIWQS) is a computer system used by the State and Regional Water Quality Control Boards to track information about places of environmental interest, manage permits and other orders, track inspections, and manage violations and enforcement activities.

Date of Government Version: 03/05/2019
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 04/02/2019
Number of Days to Update: 28

Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 06/04/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Varies

CERS: CalEPA Regulated Site Portal Data

The CalEPA Regulated Site Portal database combines data about environmentally regulated sites and facilities in California into a single database. It combines data from a variety of state and federal databases, and provides an overview of regulated activities across the spectrum of environmental programs for any given location in California. These activities include hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials

Date of Government Version: 04/09/2019
Date Data Arrived at EDR: 04/11/2019
Date Made Active in Reports: 05/08/2019
Number of Days to Update: 27

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 04/11/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)

Non-Case Information sites

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

WIP: Well Investigation Program Case List

Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 06/19/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Varies

OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)

Other Oil & Gas Projects sites

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)

Produced water ponds sites

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)
Sampling point - public sites

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

WELL STIM PROJ: Well Stimulation Project (GEOTRACKER)
Includes areas of groundwater monitoring plans, a depiction of the monitoring network, and the facilities, boundaries, and subsurface characteristics of the oilfield and the features (oil and gas wells, produced water ponds, UIC wells, water supply wells, etc?) being monitored

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants
The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations
EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

CS ALAMEDA: Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 01/09/2019
Date Data Arrived at EDR: 01/11/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 53

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 04/22/2019
Next Scheduled EDR Contact: 07/22/2019
Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 04/10/2019
Date Data Arrived at EDR: 04/11/2019
Date Made Active in Reports: 06/20/2019
Number of Days to Update: 70

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 04/08/2019
Next Scheduled EDR Contact: 04/24/2047
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA AMADOR: CUPA Facility List
Cupa Facility List

Date of Government Version: 01/07/2019
Date Data Arrived at EDR: 01/08/2019
Date Made Active in Reports: 03/07/2019
Number of Days to Update: 58

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 06/17/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA BUTTE: CUPA Facility Listing
Cupa facility list.

Date of Government Version: 04/21/2017
Date Data Arrived at EDR: 04/25/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 106

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 04/08/2019
Next Scheduled EDR Contact: 07/22/2019
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 05/01/2019
Date Data Arrived at EDR: 05/02/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 27

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 03/25/2019
Next Scheduled EDR Contact: 07/08/2019
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA COLUSA: CUPA Facility List
Cupa facility list.

Date of Government Version: 02/27/2019
Date Data Arrived at EDR: 02/28/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 32

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

SL CONTRA COSTA: Site List
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 02/14/2019
Date Data Arrived at EDR: 02/19/2019
Date Made Active in Reports: 03/08/2019
Number of Days to Update: 17

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 04/29/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA DEL NORTE: CUPA Facility List
Cupa Facility list

Date of Government Version: 02/20/2019
Date Data Arrived at EDR: 05/01/2019
Date Made Active in Reports: 05/30/2019
Number of Days to Update: 29

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 04/25/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA EL DORADO: CUPA Facility List
CUPA facility list.

Date of Government Version: 02/27/2019
Date Data Arrived at EDR: 02/28/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 32

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 04/29/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA FRESNO: CUPA Resources List
Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 04/10/2019
Date Data Arrived at EDR: 04/11/2019
Date Made Active in Reports: 04/30/2019
Number of Days to Update: 19

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 03/29/2019
Next Scheduled EDR Contact: 07/15/2019
Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA GLENN: CUPA Facility List
Cupa facility list

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 49

Source: Glenn County Air Pollution Control District
Telephone: 830-934-6500
Last EDR Contact: 04/22/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

HUMBOLDT COUNTY:

CUPA HUMBOLDT: CUPA Facility List
CUPA facility list.

Date of Government Version: 12/11/2018
Date Data Arrived at EDR: 12/13/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 33

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 05/20/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA IMPERIAL: CUPA Facility List
Cupa facility list.

Date of Government Version: 01/18/2019
Date Data Arrived at EDR: 01/23/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 41

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 04/22/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

INYO COUNTY:

CUPA INYO: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/03/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 72

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Varies

KERN COUNTY:

UST KERN: Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 01/28/2019
Date Data Arrived at EDR: 02/07/2019
Date Made Active in Reports: 03/08/2019
Number of Days to Update: 29

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 05/02/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA KINGS: CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 05/16/2019
Date Data Arrived at EDR: 05/17/2019
Date Made Active in Reports: 05/30/2019
Number of Days to Update: 13

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Varies

LAKE COUNTY:

CUPA LAKE: CUPA Facility List
Cupa facility list

Date of Government Version: 02/08/2019
Date Data Arrived at EDR: 02/12/2019
Date Made Active in Reports: 03/12/2019
Number of Days to Update: 28

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 04/15/2019
Next Scheduled EDR Contact: 07/29/2019
Data Release Frequency: Varies

LASSEN COUNTY:

CUPA LASSEN: CUPA Facility List
Cupa facility list

Date of Government Version: 01/17/2019
Date Data Arrived at EDR: 01/18/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 46

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 04/22/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

LOS ANGELES COUNTY:

AOCONCERN: Key Areas of Concerns in Los Angeles County
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office. Date of Government Version: 3/30/2009 Exide Site area is a cleanup plan of lead-impacted soil surrounding the former Exide Facility as designated by the DTSC. Date of Government Version: 7/17/2017

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: N/A
Telephone: N/A
Last EDR Contact: 06/17/2019
Next Scheduled EDR Contact: 09/30/2019
Data Release Frequency: No Update Planned

HMS LOS ANGELES: HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 12/19/2018
Date Data Arrived at EDR: 01/10/2019
Date Made Active in Reports: 03/07/2019
Number of Days to Update: 56

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 05/02/2019
Next Scheduled EDR Contact: 07/22/2019
Data Release Frequency: Semi-Annually

LF LOS ANGELES: List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 04/15/2019
Date Data Arrived at EDR: 04/16/2019
Date Made Active in Reports: 06/21/2019
Number of Days to Update: 66

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 04/16/2019
Next Scheduled EDR Contact: 07/29/2019
Data Release Frequency: Varies

LF LOS ANGELES CITY: City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 01/15/2019
Date Made Active in Reports: 03/07/2019
Number of Days to Update: 51

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 04/15/2019
Next Scheduled EDR Contact: 07/29/2019
Data Release Frequency: Varies

LOS ANGELES AST: Active & Inactive AST Inventory
A listing of active & inactive above ground petroleum storage tank site locations, located in the City of Los Angeles.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 04/05/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 54

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 04/05/2019
Next Scheduled EDR Contact: 07/08/2019
Data Release Frequency: Varies

LOS ANGELES CO LF METHANE: Methane Producing Landfills

This data was created on April 30, 2012 to represent known disposal sites in Los Angeles County that may produce and emanate methane gas. The shapefile contains disposal sites within Los Angeles County that once accepted degradable refuse material. Information used to create this data was extracted from a landfill survey performed by County Engineers (Major Waste System Map, 1973) as well as historical records from CalRecycle, Regional Water Quality Control Board, and Los Angeles County Department of Public Health

Date of Government Version: 04/30/2012
Date Data Arrived at EDR: 04/17/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 42

Source: Los Angeles County Department of Public Works
Telephone: 626-458-6973
Last EDR Contact: 04/17/2019
Next Scheduled EDR Contact: 07/29/2019
Data Release Frequency: No Update Planned

LOS ANGELES HM: Active & Inactive Hazardous Materials Inventory

A listing of active & inactive hazardous materials facility locations, located in the City of Los Angeles.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 04/05/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 54

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 04/05/2019
Next Scheduled EDR Contact: 07/15/2019
Data Release Frequency: Varies

LOS ANGELES UST: Active & Inactive UST Inventory

A listing of active & inactive underground storage tank site locations and underground storage tank historical sites, located in the City of Los Angeles.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 04/05/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 54

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 04/05/2019
Next Scheduled EDR Contact: 07/15/2019
Data Release Frequency: Varies

SITE MIT LOS ANGELES: Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 04/08/2019
Date Data Arrived at EDR: 04/16/2019
Date Made Active in Reports: 06/21/2019
Number of Days to Update: 66

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 04/16/2019
Next Scheduled EDR Contact: 07/29/2019
Data Release Frequency: Annually

UST EL SEGUNDO: City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 04/19/2017
Date Made Active in Reports: 05/10/2017
Number of Days to Update: 21

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 04/15/2019
Next Scheduled EDR Contact: 07/29/2019
Data Release Frequency: Semi-Annually

UST LONG BEACH: City of Long Beach Underground Storage Tank

Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 03/09/2017
Date Data Arrived at EDR: 03/10/2017
Date Made Active in Reports: 05/03/2017
Number of Days to Update: 54

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 04/22/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Annually

UST TORRANCE: City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 10/02/2018
Date Data Arrived at EDR: 10/05/2018
Date Made Active in Reports: 11/02/2018
Number of Days to Update: 28

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 04/22/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA MADERA: CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 02/20/2019
Date Data Arrived at EDR: 02/22/2019
Date Made Active in Reports: 03/07/2019
Number of Days to Update: 13

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Varies

MARIN COUNTY:

UST MARIN: Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 09/26/2018
Date Data Arrived at EDR: 10/04/2018
Date Made Active in Reports: 11/02/2018
Number of Days to Update: 29

Source: Public Works Department Waste Management
Telephone: 415-473-6647
Last EDR Contact: 03/29/2019
Next Scheduled EDR Contact: 07/15/2019
Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List
CUPA facility list.

Date of Government Version: 03/11/2019
Date Data Arrived at EDR: 03/19/2019
Date Made Active in Reports: 05/08/2019
Number of Days to Update: 50

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Varies

MONO COUNTY:

CUPA MONO: CUPA Facility List
CUPA Facility List

Date of Government Version: 02/21/2019
Date Data Arrived at EDR: 02/26/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 34

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 05/23/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA MONTEREY: CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 02/05/2019
Date Data Arrived at EDR: 02/07/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 26

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 04/01/2019
Next Scheduled EDR Contact: 07/15/2019
Data Release Frequency: Varies

NAPA COUNTY:

LUST NAPA: Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 50

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 05/24/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: No Update Planned

UST NAPA: Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

Date of Government Version: 02/21/2019
Date Data Arrived at EDR: 02/22/2019
Date Made Active in Reports: 03/08/2019
Number of Days to Update: 14

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 05/24/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List
CUPA facility list.

Date of Government Version: 05/20/2019
Date Data Arrived at EDR: 05/21/2019
Date Made Active in Reports: 05/30/2019
Number of Days to Update: 9

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 05/13/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Varies

ORANGE COUNTY:

IND_SITE ORANGE: List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 05/01/2019
Date Data Arrived at EDR: 05/09/2019
Date Made Active in Reports: 05/30/2019
Number of Days to Update: 21

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/06/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Annually

LUST ORANGE: List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 05/01/2019
Date Data Arrived at EDR: 05/09/2019
Date Made Active in Reports: 05/30/2019
Number of Days to Update: 21

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/06/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Quarterly

UST ORANGE: List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 01/02/2019
Date Data Arrived at EDR: 02/05/2019
Date Made Active in Reports: 03/08/2019
Number of Days to Update: 31

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/07/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Quarterly

PLACER COUNTY:

MS PLACER: Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 02/28/2019
Date Data Arrived at EDR: 03/01/2019
Date Made Active in Reports: 04/12/2019
Number of Days to Update: 42

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 06/03/2019
Next Scheduled EDR Contact: 06/17/2019
Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA PLUMAS: CUPA Facility List
Plumas County CUPA Program facilities.

Date of Government Version: 01/14/2019
Date Data Arrived at EDR: 01/18/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 46

Source: Plumas County Environmental Health
Telephone: 530-283-6355
Last EDR Contact: 04/22/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

RIVERSIDE COUNTY:

LUST RIVERSIDE: Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/12/2019
Date Made Active in Reports: 04/30/2019
Number of Days to Update: 18

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 06/17/2019
Next Scheduled EDR Contact: 09/30/2019
Data Release Frequency: Quarterly

UST RIVERSIDE: Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/12/2019
Date Made Active in Reports: 06/20/2019
Number of Days to Update: 69

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 06/17/2019
Next Scheduled EDR Contact: 09/30/2019
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

CS SACRAMENTO: Toxic Site Clean-Up List
List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 02/05/2019
Date Data Arrived at EDR: 04/02/2019
Date Made Active in Reports: 06/18/2019
Number of Days to Update: 77

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 04/02/2019
Next Scheduled EDR Contact: 07/15/2019
Data Release Frequency: Quarterly

ML SACRAMENTO: Master Hazardous Materials Facility List

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 02/06/2019
Date Data Arrived at EDR: 04/02/2019
Date Made Active in Reports: 06/20/2019
Number of Days to Update: 79

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 04/02/2019
Next Scheduled EDR Contact: 07/15/2019
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List

Cupa facility list

Date of Government Version: 03/11/2019
Date Data Arrived at EDR: 03/13/2019
Date Made Active in Reports: 04/30/2019
Number of Days to Update: 48

Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 05/02/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

PERMITS SAN BERNARDINO: Hazardous Material Permits

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 02/27/2019
Date Data Arrived at EDR: 02/28/2019
Date Made Active in Reports: 04/02/2019
Number of Days to Update: 33

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 05/06/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

HMMD SAN DIEGO: Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 03/04/2019
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 04/02/2019
Number of Days to Update: 28

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 06/04/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Quarterly

LF SAN DIEGO: Solid Waste Facilities
San Diego County Solid Waste Facilities.

Date of Government Version: 04/18/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 06/19/2018
Number of Days to Update: 56
Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 04/22/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

SAN DIEGO CO LOP: Local Oversight Program Listing
A listing of all LOP release sites that are or were under the County of San Diego's jurisdiction. Included are closed or transferred cases, open cases, and cases that did not have a case type indicated. The cases without a case type are mostly complaints; however, some of them could be LOP cases.

Date of Government Version: 03/06/2019
Date Data Arrived at EDR: 03/06/2019
Date Made Active in Reports: 04/29/2019
Number of Days to Update: 54
Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 04/22/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

SAN DIEGO CO. SAM: Environmental Case Listing
The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24
Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 06/03/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

LUST SAN FRANCISCO: Local Oversite Facilities
A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10
Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 05/02/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Quarterly

UST SAN FRANCISCO: Underground Storage Tank Information
Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/05/2018
Date Data Arrived at EDR: 11/06/2018
Date Made Active in Reports: 12/14/2018
Number of Days to Update: 38
Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 05/02/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

UST SAN JOAQUIN: San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/22/2018
Date Data Arrived at EDR: 06/26/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 15
Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 06/17/2019
Next Scheduled EDR Contact: 09/30/2019
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA SAN LUIS OBISPO: CUPA Facility List
Cupa Facility List.

Date of Government Version: 02/13/2019
Date Data Arrived at EDR: 02/15/2019
Date Made Active in Reports: 03/14/2019
Number of Days to Update: 27

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Varies

SAN MATEO COUNTY:

BI SAN MATEO: Business Inventory
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 03/04/2019
Date Data Arrived at EDR: 03/13/2019
Date Made Active in Reports: 04/29/2019
Number of Days to Update: 47

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 06/12/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Annually

LUST SAN MATEO: Fuel Leak List
A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 03/29/2019
Date Data Arrived at EDR: 03/29/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 61

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 06/10/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA SANTA BARBARA: CUPA Facility Listing
CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Varies

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List
Cupa facility list

Date of Government Version: 02/13/2019
Date Data Arrived at EDR: 02/19/2019
Date Made Active in Reports: 03/06/2019
Number of Days to Update: 15

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Varies

HIST LUST SANTA CLARA: HIST LUST - Fuel Leak Site Activity Report
A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LUST SANTA CLARA: LOP Listing
A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13
Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 05/24/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: Annually

SAN JOSE HAZMAT: Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 01/30/2019
Date Data Arrived at EDR: 02/01/2019
Date Made Active in Reports: 03/07/2019
Number of Days to Update: 34
Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA SANTA CRUZ: CUPA Facility List
CUPA facility listing.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 90
Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA SHASTA: CUPA Facility List
Cupa Facility List.

Date of Government Version: 06/15/2017
Date Data Arrived at EDR: 06/19/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 51
Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Varies

SOLANO COUNTY:

LUST SOLANO: Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 03/05/2019
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 04/29/2019
Number of Days to Update: 53
Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 06/03/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Quarterly

UST SOLANO: Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 03/05/2019
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 04/03/2019
Number of Days to Update: 27
Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 06/03/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Quarterly

SONOMA COUNTY:

CUPA SONOMA: Cupa Facility List
Cupa Facility list

Date of Government Version: 03/18/2019
Date Data Arrived at EDR: 03/26/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 36

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 06/19/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Varies

LUST SONOMA: Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 04/03/2019
Date Data Arrived at EDR: 04/11/2019
Date Made Active in Reports: 04/30/2019
Number of Days to Update: 19

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 06/19/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA STANISLAUS: CUPA Facility List
Cupa facility list

Date of Government Version: 12/11/2018
Date Data Arrived at EDR: 12/13/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 33

Source: Stanislaus County Department of Ennvironmental Protection
Telephone: 209-525-6751
Last EDR Contact: 04/15/2019
Next Scheduled EDR Contact: 07/29/2019
Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 02/28/2019
Date Data Arrived at EDR: 03/01/2019
Date Made Active in Reports: 04/03/2019
Number of Days to Update: 33

Source: Sutter County Environmental Health Services
Telephone: 530-822-7500
Last EDR Contact: 06/03/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA TEHAMA: CUPA Facility List
Cupa facilities

Date of Government Version: 12/13/2018
Date Data Arrived at EDR: 12/18/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 28

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List
Cupa facility list

Date of Government Version: 01/18/2019
Date Data Arrived at EDR: 01/23/2019
Date Made Active in Reports: 03/06/2019
Number of Days to Update: 42

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 04/22/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

TULARE COUNTY:

CUPA TULARE: CUPA Facility List
Cupa program facilities

Date of Government Version: 12/26/2018
Date Data Arrived at EDR: 12/27/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 19

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 05/06/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Varies

TUOLUMNE COUNTY:

CUPA TUOLUMNE: CUPA Facility List
Cupa facility list

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/25/2018
Date Made Active in Reports: 06/25/2018
Number of Days to Update: 61

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 05/02/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

VENTURA COUNTY:

BWT VENTURA: Business Plan, Hazardous Waste Producers, and Operating Underground Tanks
The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 12/26/2018
Date Data Arrived at EDR: 01/24/2019
Date Made Active in Reports: 02/28/2019
Number of Days to Update: 35

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 04/23/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Quarterly

LF VENTURA: Inventory of Illegal Abandoned and Inactive Sites
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 03/29/2019
Next Scheduled EDR Contact: 07/15/2019
Data Release Frequency: Annually

LUST VENTURA: Listing of Underground Tank Cleanup Sites
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 05/09/2019
Next Scheduled EDR Contact: 08/26/2019
Data Release Frequency: Quarterly

MED WASTE VENTURA: Medical Waste Program List
To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 03/26/2019
Date Data Arrived at EDR: 04/25/2019
Date Made Active in Reports: 05/30/2019
Number of Days to Update: 35
Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 04/23/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Quarterly

UST VENTURA: Underground Tank Closed Sites List
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 02/26/2019
Date Data Arrived at EDR: 03/13/2019
Date Made Active in Reports: 04/03/2019
Number of Days to Update: 21
Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 06/12/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Quarterly

YOLO COUNTY:

UST YOLO: Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 03/29/2019
Date Data Arrived at EDR: 04/05/2019
Date Made Active in Reports: 06/20/2019
Number of Days to Update: 76
Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 03/29/2019
Next Scheduled EDR Contact: 07/15/2019
Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 02/08/2019
Date Data Arrived at EDR: 02/12/2019
Date Made Active in Reports: 03/06/2019
Number of Days to Update: 22
Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 04/25/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 02/11/2019
Date Data Arrived at EDR: 02/12/2019
Date Made Active in Reports: 03/04/2019
Number of Days to Update: 20
Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 05/14/2019
Next Scheduled EDR Contact: 08/26/2019
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 04/10/2019
Next Scheduled EDR Contact: 07/22/2019
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 05/01/2019
Date Made Active in Reports: 06/21/2019
Number of Days to Update: 51

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 05/01/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 10/23/2018
Date Made Active in Reports: 11/27/2018
Number of Days to Update: 35

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 04/15/2019
Next Scheduled EDR Contact: 07/29/2019
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 02/23/2018
Date Made Active in Reports: 04/09/2018
Number of Days to Update: 45

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 05/17/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 06/15/2018
Date Made Active in Reports: 07/09/2018
Number of Days to Update: 24

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 06/10/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: PennWell Corporation
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Electric Power Transmission Line Data
Source: PennWell Corporation
This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

© 2015 TomTom North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

135 141 153 WEST AVENUE 34 3401 3433 PASADENA AVE
135 141 153 WEST AVENUE 34 3401 3433 PASADENA AVE
LOS ANGELES, CA 90031

TARGET PROPERTY COORDINATES

Latitude (North):	34.084751 - 34° 5' 5.10''
Longitude (West):	118.21431 - 118° 12' 51.52''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	387966.9
UTM Y (Meters):	3772023.8
Elevation:	372 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5630795 LOS ANGELES, CA
Version Date:	2012

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

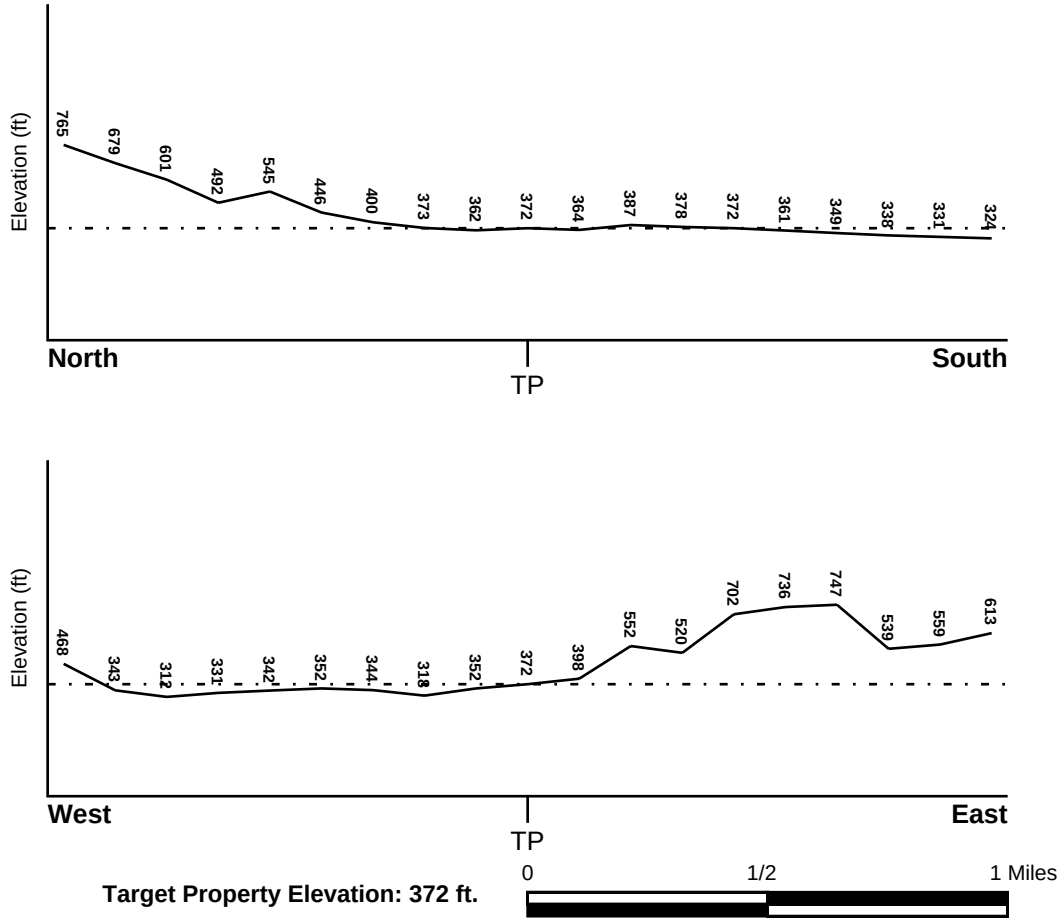
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General West

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
06037C1629F	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
06037C1626F	FEMA FIRM Flood data
06037C1627F	FEMA FIRM Flood data
06037C1628F	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
LOS ANGELES	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
2	1/2 - 1 Mile SSW	Not Reported
1G	1/2 - 1 Mile SSW	Not Reported

For additional site information, refer to Physical Setting Source Map Findings.

* ©1996 Site−specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name:	HAMBRIGHT
Soil Surface Texture:	gravelly - loam
Hydrologic Group:	Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.
Soil Drainage Class:	Well drained. Soils have intermediate water holding capacity. Depth to water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel:	MODERATE
Depth to Bedrock Min:	> 10 inches
Depth to Bedrock Max:	> 20 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	7 inches	gravelly - loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 2.00 Min: 0.60	Max: 7.30 Min: 6.10
2	7 inches	16 inches	very gravelly - loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel. COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel.	Max: 2.00 Min: 0.60	Max: 7.30 Min: 6.10
3	16 inches	20 inches	unweathered bedrock	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: loam
silty clay loam
shaly - clay loam
sandy loam
clay
loamy sand
clay loam

Surficial Soil Types: loam
silty clay loam
shaly - clay loam
sandy loam
clay
loamy sand
clay loam

Shallow Soil Types: silty clay

Deeper Soil Types: weathered bedrock
clay loam

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

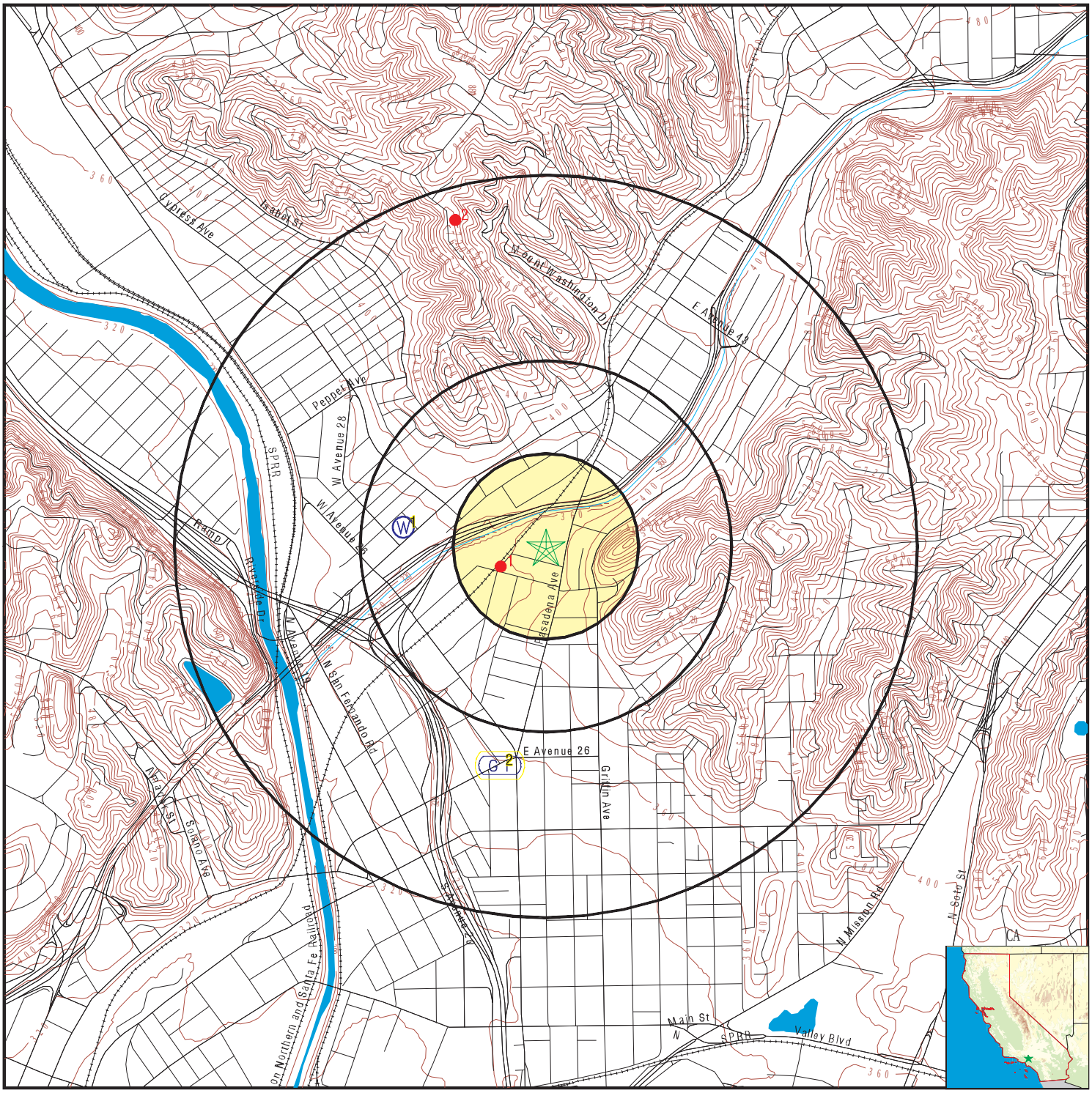
MAP ID	WELL ID	LOCATION FROM TP
1	CADWR8000006696	1/4 - 1/2 Mile West

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	CAOG13000005860	1/8 - 1/4 Mile WSW
2	CAOG13000005469	1/2 - 1 Mile NNW

PHYSICAL SETTING SOURCE MAP - 5694144.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME:	135 141 153 West Avenue 34 3401 3433 Pasadena Ave	CLIENT:	Fulcrum Resources Environmental
ADDRESS:	135 141 153 West Avenue 34 3401 3433 Pasadena Ave Los Angeles CA 90031	CONTACT:	Rose Mireles
LAT/LONG:	34.084751 / 118.21431	INQUIRY #:	5694144.2s
		DATE:	June 24, 2019 2:05 pm

Copyright © 2019 EDR, Inc. © 2015 TomTom Rel. 2015.

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation				Database	EDR ID Number
1 **West** **1/4 - 1/2 Mile** **Lower**				**CA WELLS**	**CADWR8000006696**
State Well #:	01S13W15H001S	Station ID:	49949		
Well Name:	2771I	Well Use:	Observation		
Well Type:	Single Well	Well Depth:	76		
Basin Name:	San Fernando Valley	Well Completion Rpt #:	Not Reported		
2 **SSW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	900570061 Not Reported 8.37 12 Not Reported 08/07/1996		**AQUIFLOW**	**55212**
1G **SSW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	900570061 Not Reported 8.37 12 Not Reported 08/07/1996		**AQUIFLOW**	**55212**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

1
WSW **OIL_GAS** **CAOG13000005860**
1/8 - 1/4 Mile

API #:	0403719045	Well #:	5
Well Status:	Plugged	Well Type:	CH
Operator Name:	Chevron U.S.A. Inc.	Lease Name:	Core Hole
Field Name:	Any Field	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	SPUD Date:	Not Reported

2
NNW **OIL_GAS** **CAOG13000005469**
1/2 - 1 Mile

API #:	0403705778	Well #:	1
Well Status:	Idle	Well Type:	OG
Operator Name:	I. H. Preston	Lease Name:	Grand View
Field Name:	Any Field	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	SPUD Date:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
90031	20	0

Federal EPA Radon Zone for LOS ANGELES County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for LOS ANGELES COUNTY, CA

Number of sites tested: 63

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.711 pCi/L	98%	2%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	0.933 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

California Drinking Water Quality Database
Source: Department of Public Health
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations
Source: Department of Conservation
Telephone: 916-323-1779
Oil and Gas well locations in the state.

California Earthquake Fault Lines
Source: California Division of Mines and Geology
The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

RADON

State Database: CA Radon
Source: Department of Public Health
Telephone: 916-210-8558
Radon Database for California

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

© 2015 TomTom North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

Appendix E

Previous Environmental Reports

COPY

ORSWELL & KASMAN, INC.
Environmental Assessments & Consulting

September 28, 2012

Mr. Robert Gonzales
Citizens Business Bank
1010 East Colorado Boulevard
Pasadena, CA 91106

Re: Phase I Environmental Site Assessment Report

Dear Robert:

Enclosed is our Phase I Environmental Site Assessment Report on the multi-tenant commercial property located at 135, 141 and 153 West Avenue 34 and 3401 and 3433 Pasadena Avenue in Los Angeles. Also enclosed is our invoice for services.

Effective July 1, 2012, the Governor of California terminated the California Registered Environmental Assessors (REA) Program. What does this mean for our clients? Nothing. Orswell & Kasman, Inc. will continue to prepare the same quality reports our customers have been accustomed to receiving. The USEPA and ASTM International have set standards which define the qualifications of environmental professionals. Although there is no longer a California registration program, all of our reports will be prepared by trained environmental assessors and reviewed by an ASTM Qualified Environmental Professional

If you should have any questions concerning any information in the report, please feel free to call me. Thanks again for the opportunity to be of service.

Sincerely,

James Orswell
Environmental Assessor

JO/dm
Enclosures

316 West Foothill Boulevard, Monrovia, CA 91016
(626) 932-1800 Fax (626) 932-1807
www.orswell-kasman.com

PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

SUBJECT PROPERTY:	MULTI-TENANT COMMERCIAL PROPERTY 135, 141 AND 153 WEST AVENUE 34 AND 3401 AND 3433 PASADENA AVENUE LOS ANGELES, CALIFORNIA 90031
REPORT DATE:	SEPTEMBER 28, 2012
CLIENT:	MR. ROBERT GONZALES CITIZENS BUSINESS BANK 1010 EAST COLORADO BOULEVARD PASADENA, CALIFORNIA 91106
PREPARED FOR:	CITIZENS BUSINESS BANK, CDC SMALL BUSINESS FINANCE AND THE U.S. SMALL BUSNIESS ADMINISTRATION

PREPARED BY:

JAMES R. ORSWELL
ENVIRONMENTAL ASSESSOR

REVIEWED BY:

MARTIN A. KASMAN
PROJECT MANAGER

P12260

This report was prepared in conformance to meet or exceed the scope and limitations as set forth by the American Society for Testing & Materials (ASTM) Standard Practice E 1527-05. It is for the express use of the client, and its contents are considered to be privileged and confidential. Acceptance of this report constitutes an agreement by the client to assume full liability for information contained herein. This report is for the sole use and interpretation of the client, and it is not to be reproduced or distributed to outside parties. The information in this report is furnished in good faith and was obtained from sources and databases considered to be reliable; however, the accuracy of the information cannot be guaranteed.

Prepared by
ORSWELL & KASMAN, INC.
316 West Foothill Boulevard ■ Monrovia, CA 91016
(626) 932-1800 ■ FAX (626) 932-1807
www.orswell-kasman.com

TABLE OF CONTENTS

1.0 SUMMARY

2.0 INTRODUCTION
- 2.1 Purpose
- 2.2 Detailed Scope of Services
- 2.3 Significant Assumptions
- 2.4 Limitations and Exceptions
- 2.5 Special Terms and Conditions
- 2.6 User Reliance

3.0 SITE DESCRIPTION
- 3.1 Location and Legal Description
- 3.2 Site and Vicinity General Characteristics
- 3.3 Current Use of Property
- 3.4 Descriptions of Structures, Roads, Other Improvements on the Site
- 3.5 Current Uses of the Adjoining Properties

4.0 USER PROVIDED INFORMATION
- 4.1 Title Records
- 4.2 Environmental Liens or Activity and Use Limitations
- 4.3 Specialized Knowledge
- 4.4 Commonly Known or Reasonably Ascertainable Information
- 4.5 Valuation Reduction for Environmental Issues
- 4.6 Owner, Property Manager, and Occupant Information
- 4.7 Reasons for Performing Phase I Environmental Site Assessment
- 4.8 Other User Provided Information

5.0 RECORDS REVIEW
- 5.1 Standard Environmental Records Sources
- 5.2 Additional Environmental Record Sources
- 5.3 Physical Setting Sources
- 5.4 Historical Use Information on the Property
- 5.5 Historical Use Information on the Adjoining Properties

6.0 SITE RECONNAISSANCE
- 6.1 Methodology and Limiting Conditions
- 6.2 General Site Setting
- 6.3 Subject Property Observations
- 6.4 Adjoining Property Observations

7.0 INTERVIEWS
- 7.1 Interview with Owner
- 7.2 Interview with Site Manager
- 7.3 Interviews with Occupants
- 7.4 Interviews with Local Government Officials
- 7.5 Interview with Others

TABLE OF CONTENTS (continued)

8.0 FINDINGS
- 8.1 Recognized Environmental Conditions
- 8.2 Historical Recognized Environmental Conditions

9.0 OPINION

10.0 CONCLUSIONS

11.0 DEVIATIONS

12.0 ADDITIONAL SERVICES

13.0 REFERENCES

14.0 STATEMENT OF ENVIRONMENTAL PROFESSIONALS

15.0 APPENDICES
- 15.1 Site and Vicinity Map
- 15.2 Site Plan
- 15.3 Site and Vicinity Photographs
- 15.4 Historical Research Documentation
- 15.5 Regulatory Records Documentation
- 15.6 Interview and Research Documentation
- 15.7 Special Contractual Conditions between User and Environmental Professional
- 15.8 Qualifications of the Environmental Professionals

ORSWELL & KASMAN, INC.
PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

MULTI-TENANT COMMERCIAL PROPERTY
135, 141 AND 153 WEST AVENUE 34
3401 AND 3433 PASADENA AVENUE
LOS ANGELES, CALIFORNIA 90031

1.0 SUMMARY

Based on a review of regulatory records, historical site information, and a visual inspection of the subject property and surrounding area, this assessment has revealed no *recognized environmental conditions* or *historical recognized environmental conditions* in connection with the Property, except as follows:

1) The subject property is occupied by multiple tenants. The 3433 Pasadena Avenue building is currently occupied by Warner Brothers Studios, a prop and set design business. The business stores and uses large quantities of water-based paint, and waste paint is generated by the business activities. The hazardous materials and hazardous wastes appear to be properly stored and managed and no significant spills or leaks were observed on the premises; and

2) Eleven offsite locations have been identified as potential risks or threats to the subject property. According to the data, ten of the sites are not located in the near vicinity, and there is no indication that contaminants from these sites have migrated onto the subject property.

   The former Welch's Uniform Facility site (#5 on map), 3505 Pasadena Avenue, is located on the adjacent property to the north, and the business is identified by State of California Environmental Protection Agency (CAL-EPA) Department of Toxic Substances Control (DTSC) as an active hazardous waste site. According to the DTSC CalSite database records, the site was previously occupied by Welch's Uniform and the property was used as a laundry and uniform rental facility over a 70 year period. Environmental studies indicate the soil and groundwater beneath the facility is contaminated with volatile organic compounds including trichloroethene (TCE). In addition, the former Welch's Uniform Rental site is identified by the State of California Regional Water Quality Control Board (RWQCB) as having two open RWQCB Cleanup Program sites. The first case was first opened in December 1987. According to the RWQCB records, the groundwater was contaminated with non-petroleum hydrocarbons, and the site is undergoing verification monitoring. The second case was opened in December 1998 and the site is undergoing an assessment. A review of the City of Los Angeles Fire Department (LAFD) records revealed Welch's Uniform applied for a permit to remove a 2,000-gallon underground diesel fuel tank in 1987. Soil sampling beneath the tank revealed significant Total Petroleum Hydrocarbon as gasoline (TPH-g)

contamination (8,600 ppm). The groundwater beneath the site was determined to be about 35 feet below the ground surface, and the groundwater flows away from the subject property in a west-northwest direction. In February 1988, Welch's Uniform applied for a permit to abandon five underground storage tanks in-place, and in December 1988, Welch's Uniform applied for a permit to remove five additional underground storage tanks. In May 2004, Welch's Uniform applied for a permit to remove one additional 1,000-gallon underground storage tank. Soil sampling beneath the tank did not detect any contamination problems, and on October 26, 2004, the DPW/UGT issued a no further action letter for the closure of the 1,000-gallon underground tank. An inspection of the property revealed the site is currently a vacant lot, and remedial activities were being conducted on the site.

Should it be determined the groundwater beneath the subject property has in fact been impacted by the Former Welch's Uniform Rental site, it is the policy of the State of California and the United States Environmental Protection Agency not to hold property owners responsible for costs to clean up contaminated groundwater beneath their property, unless the owners contributed to the problem. There is no indication from a review of the regulatory records and a site inspection that the subject property has had any problems concerning the storage, usage or disposal of hazardous materials, and it appears the former Welch's Uniform Rental site is in the process of addressing the contamination problem.

Our review of regulatory and historical records, a visual inspection of the site and surrounding area, and interviews with the property owner and the safety manager for Warner Brothers Studios has found no evidence of other *recognized environmental conditions or historical recognized environmental conditions* which are likely to impact the subject property. Although data failure occurred in the historical uses of the Property prior to 1906, it is unlikely the data failure will impact the ability to identify *recognized environmental conditions.* Based on the results of this assessment, no further environmental studies are recommended for the site.

2.0 INTRODUCTION

2.1 Purpose

The purpose of this Phase I Environmental Site Assessment is to determine if any *recognized environmental conditions* or *historical recognized environmental conditions* exist on or near the subject property. As defined by ASTM Standard Practice E 1527-05, a *recognized environmental condition* is the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release into structures on the property or into the ground, groundwater, or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include *de minimis* conditions that generally do not present a material risk of harm to public

health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

The ASTM Standard defines a *historical recognized environmental condition* as a condition which in the past would have been considered a *recognized environmental condition*, but which may or may not be considered a *recognized environmental condition* currently. If a past release of any hazardous substance or petroleum products has occurred in connection with the property and has been remediated, with such remediation accepted by the responsible regulatory agency, this condition shall be considered a *historical recognized environmental condition.*

The ASTM Standard Practice E 1527-05 requires all obvious uses of the Property shall be identified at five year intervals from the present, back to the Property's first developed use, or back to 1940, whichever is earlier, using standard historical sources. Developed use includes agricultural uses or placement of fill dirt. Data failure occurs when these objectives are not met. Our review of standard historical sources include aerial photographs, fire insurance maps, local street directories, and building department or assessor's property records. Our experience in performing Phase I Environmental Site Assessments since 1990 has determined that the other standard historical sources identified in the ASTM Standard Practice E 1527-05 are not reasonably obtainable or likely to be sufficiently useful, accurate, or complete in terms of satisfying the objectives.

2.2 Detailed Scope of Services

This report is based on a preliminary study into the past and current uses of the subject property and the surrounding area. The report includes a visual inspection of the property and adjacent sites, and a review of regulatory agency records, aerial photographs, and other historic record sources. Also included in this report are maps, diagrams, and photographs pertaining to this site.

2.3 Significant Assumptions

The information in this report is furnished in good faith and was obtained from sources and databases considered to be reliable; however, nothing in this report should be construed as a promise or guarantee that the subject property is free of environmental hazards. In many instances, this report relies on regulatory database information provided by federal, state and local governmental agencies. Although the database information used in this report consists of the most recently released records, it may not reflect the actual current status of the case.

2.4 Limitations and Exceptions

This report was prepared in conformance to meet or exceed the scope and practice as set forth by the American Society for Testing & Materials (ASTM) Standard Practice E 1527-05, "Standard Practice of Environmental Site Assessments: Phase I Environmental Site Assessment Process." No tests were conducted, and no samples of air, water, soil or building materials were taken.

This report is limited in nature and should not be construed to be a characterization of environmental regulatory compliance or of any conditions above or below grade. The evaluations in this report are based on information provided by interviews, readily accessible regulatory and historical records and observations made during the site inspection. No independent verification of the information was obtained or performed by Orswell & Kasman, Inc.

Orswell & Kasman, Inc. prepared this report in a competent and professional manner in accordance with sound industry standards, practices and procedures. No warranty is provided regarding the actual site conditions described in this report beyond matters amenable to visual confirmation. We make no representation or warranty regarding the accuracy or reliability of information or documents provided by others and contained within this report.

2.5 Special Terms and Conditions

No special terms or conditions have been incorporated into the preparation of this report. There were also no limiting physical conditions such as rain or lack of electrical power, that had a limiting effect on the site inspection.

2.6 User Reliance

This report is prepared for the express use of the client, and its contents are considered to be privileged and confidential. Acceptance of this report constitutes an agreement by the client to assume full liability for information contained herein. This report is for the sole use and interpretation of the client and it is not be reproduced or distributed to outside parties.

3.0 SITE DESCRIPTION

3.1 Location and Legal Description

The subject property, 135, 141 and 153 West Avenue 34 and 3401 and 3433 Pasadena Avenue, Los Angeles, California, is located at the northwest corner of West Avenue 34 and Pasadena Avenue. The property is described as Los Angeles County Tax Assessor's Parcel Numbers (APNs) 5205-004-003, 5205-004-005, 5205-004-007 and 5205-004-011.

3.2 Site and Vicinity General Characteristics

The site consists of five industrial buildings with paved parking and storage areas, located in a mixed industrial, commercial and residential area of Los Angeles (see site plan).

3.3 Current Use of Property

The subject property is currently occupied by Ortiz Bros. Moving and Storage, Submission Factory, Water Wellness and Warner Brothers Studios. No heavy manufacturing activities take place on the site.

3.4 Descriptions of Structures, Roads, Other Improvements On Site

The subject property is occupied by five single-story light-industrial buildings, which are described as follows:

The 3401 Pasadena Avenue building consists of a single-story wood-frame and brick light-industrial structure which is divided into an office area and a warehouse area.

The 3433 Pasadena Avenue building consists of a single-story wood-frame and concrete-block light-industrial structure which is divided into an office area and a production area.

The 135 West Avenue 34 building consists of a single-story corrugated steel warehouse.

The 141 West Avenue 34 building consists of a large industrial warehouse which is divided into an office area and a warehouse area.

The 153 West Avenue 34 building consists of a single-story brick light-industrial building.

The heating, ventilation and air conditioning (HVAC) systems for the buildings appear to be mounted on the roofs of the three larger buildings and on the side of the 141 Avenue 34 building. No HVAC systems were observed for the smaller buildings located on Avenue 34. There are asphalt and concrete paved parking areas and open storage areas surrounding the buildings. The site and surrounding area are fairly level, and the subject property is connected to the municipal water and sewage systems.

3.5 Current Uses of the Adjoining Properties

North of the subject property is a vacant lot. Pasadena Avenue is to the east, and further east is Hillside Elementary School, an apartment building and several residences. Avenue 34 is to the south, and further south are several residences, three unidentified commercial buildings, a parking lot and two additional commercial buildings which are occupied by VGA Apparel and an unidentified screen printing business. West of the site is a railroad right-of-way and further west is an unidentified industrial building and a large parking lot.

4.0 USER PROVIDED INFORMATION

4.1 Title Records

No recorded land title records were provided by the client for review.

4.2 Environmental Liens or Activity and Use Limitations

The client has not provided any information concerning environmental liens or activity and use limitations.

4.3 Specialized Knowledge

No specialized knowledge of *recognized environmental conditions* or *historical recognized environmental conditions* in connection with the subject property has been provided by the client.

4.4 Commonly Known or Reasonably Ascertainable Information

The client has not provided any commonly known or reasonably ascertainable information within the local community about the subject property that is material to *recognized environmental conditions* in connection with the site.

4.5 Valuation Reduction for Environmental Issues

No information has been provided by the client which indicates the subject property is being sold or purchased at a significantly reduced price due to outstanding environmental issues.

4.6 Owner, Property Manager, and Occupant Information

Information provided by the owner, property manager, and/or occupants of the site are included in this report under Section 7.0, Interviews.

4.7 Reasons for Performing Phase I Environmental Site Assessment

The reasons for performing this Phase I Environmental Site Assessment are to satisfy commercial real estate lending requirements or provide due diligence information concerning the historical uses and current condition of the site.

4.8 Other User Provided Information

A Phase I Environmental Site Assessment Report was completed for the 141 Avenue 34 building by Orswell & Kasman, Inc. on March 2, 2000. The report indicates that the 141 Avenue 34

building was occupied by Studio 34, a film production studio and Select Storage, a storage facility. The report states that small quantities of water-based and oil-based paints were used and stored inside the building and the materials appeared to be properly stored and managed. The report stated that the property owner, Eric Ortiz was interviewed, and Mr. Ortiz stated the production companies are responsible for the disposal of any paint wastes which are generated inside the production areas. He was not aware of any chemical spills or contamination problems with the site. The report concluded that the adjacent property to the north (Welch's Uniforms) was identified as a clean-up site that was addressing the contamination problem, and based on the results of the assessment, no further environmental studies were recommended for the site.

A Phase I Environmental Site Assessment Report was completed on the 135 Avenue 34 and 3401 Pasadena Avenue buildings by Orswell & Kasman, Inc. on August 1, 2005. The report indicates that the buildings were occupied by United Finishing and Laminating, a commercial laminating business. The report states that small quantities of lubricating oil, bio-degradable detergents, glues and gear oil were observed to be used and stored inside the building and the materials appeared to be properly stored and managed. The report stated that the business owner, Pat Moller was interviewed, and Mr. Moller stated the business used and stored small quantities of hazardous materials, which were stored in five-gallon containers inside a fenced compound in the storage yard, and he said no hazardous wastes are generated from the business operations. He was not aware of any chemical spills or contamination problems with the site. The report concluded that the adjacent property to the north (Welch's Uniforms) was identified as a clean-up site that was addressing the contamination problem, and based on the results of the assessment, no further environmental studies were recommended for the site.

5.0 RECORDS REVIEW

5.1 Standard Environmental Records Sources

FEDERAL AGENCY RECORDS

United States Environmental Protection Agency (USEPA)
National Priorities List

The National Priorities List (NPL) identifies abandoned or uncontrolled hazardous waste sites which have been identified as possibly representing a long-term threat to the public health or environment. These sites have been identified as being highly contaminated with hazardous substances and represent the USEPA's target enforcement and cleanup efforts. Studies of individual sites are conducted by the USEPA to determine level of contamination, and the sites are then compared and ranked to other sites on the NPL.

A review of the USEPA National Priorities List dated September 2011 indicates there are no proposed, final or delisted sites within one mile of the subject property.

Phase I Environmental Site Assessment Report
135, 141 and 153 West Avenue 34
3401 and 3433 Pasadena Avenue
September 28, 2012

United States Environmental Protection Agency (USEPA)
Federal Superfund Liens List

The USEPA maintains a list of Superfund Lien sites that have been issued on properties throughout the United States. These sites have been remediated through the expenditures of Superfund monies; the purpose of the lien is to prevent the property owner from gaining a financial benefit from the federal government's cleanup and restoration activities.

A review of the July 2011 Federal Superfund List revealed there are no Superfund Liens on or adjacent to the site.

United States Environmental Protection Agency (USEPA)
Comprehensive Environmental Response, Compensation
and Liability Information System (CERCLIS)

The USEPA has developed a database known as CERCLIS which contains information on potential hazardous waste sites located throughout the United States. There are over 33,000 sites on the CERCLIS inventory. All sites are subjected to a preliminary assessment and thereafter are either placed on the National Priority List (NPL) or are placed in a category for those sites requiring no further Federal Superfund action.

A review of the September 2011 CERCLIS report indicates there are three CERCLIS sites within a ½ mile radius of the subject property:

Kennington Ltd. (ITT Cannon) (#1 on map)
3209 Humboldt Street
Los Angeles, CA 90031

This site investigation was opened in February 1994. According to the records, a preliminary assessment was completed in August 2001, and a site reassessment was completed in May 2006. No further remedial action has been reported for this site.

NI West Incorporated (#2 on map)
3011 Humboldt Street
Los Angeles, CA 90031

This site investigation was opened in January 1993. According to the records, a combined preliminary assessment and site assessment was completed in September 2005. No further remedial action has been reported for this site.

Jaybee Ajax Manufacturing (#3 on map)
301 West Avenue 26
Los Angeles, CA 90031

This site investigation was opened in March 2000. According to the records, a preliminary assessment was started in October 2002 and in July 2007. No further remedial action has been reported for this site.

There is one listed "No Further Required Action Planned" (NFRAP) site identified within a ½ mile radius:

Baron Manufacturing (#4 on map)
241 Avenue 26
Los Angeles, CA 90031

This site investigation was opened in June 1981, and a preliminary assessment was completed in September 1984. The investigation concluded that the facility does not qualify for the NPL and no further required actions are planned for this site.

United States Environmental Protection Agency (USEPA)
Resource Conservation and Recovery Act (RCRA)
Treatment, Storage or Disposal Facilities (TSDF)

The USEPA maintains a list of facilities which have been authorized to receive hazardous waste. These facilities have permits to treat, store, or dispose of the waste, as determined by the RCRA regulations. In addition, the USEPA publishes a list of those facilities who are subject to a corrective action, based on the facilities' waste handling and storage procedures. The facilities which are subject to a corrective action are identified as CORRACTS sites.

A review of the March 2011 RCRA TSDF list determined there are no known CORRACTS facilities within a one mile radius of the subject property. In addition, there are no non-CORRACTS TSD facilities listed within a ½ mile radius.

United States Environmental Protection Agency (USEPA)
Resource Conservation and Recovery Act (RCRA)
Hazardous Waste Generators

The USEPA maintains a list of facilities which are identified as generators of large and small quantities of hazardous waste. These facilities have permits to generate, store and dispose of the waste, as determined by the RCRA regulations.

A review of the March 2011 RCRA Hazardous Waste Generators list determined the subject property (American Caster Corporation, 141 West Avenue 34; Bad Teacher Construction

Warehouse, 3433 Pasadena Avenue) is identified as a small quantity hazardous waste generator. In addition, there are records of a large quantity hazardous waste generator identified on the adjacent property to the north (former Welch's Uniform site, 3505 Pasadena Avenue), and a small quantity hazardous waste generator to the east (Los Angeles Unified School District Hillside Elementary, 120 East Avenue 35),

United States Environmental Protection Agency (USEPA)
Institutional Control / Engineering Control Registries

The USEPA maintains a list of institutional and engineering controls for the purpose of tracking sites that may contain residual contamination or have activity and use limitations. Engineering controls are engineering measures designed to minimize the potential for human exposure to contamination by either limiting direct contact with contaminated areas or controlling migration of contaminants. Institutional controls are non-engineering controls used to restrict land use or land access in order to protect people and the environment from exposure to hazardous substances remaining at the site or facility.

A review of the September 2006 USEPA Institutional Control / Engineering Control Registry did not identify the subject property as having institutional or engineering controls.

United States Environmental Protection Agency (USEPA)
Office of Emergency and Remedial Response
Emergency Response Notification System (ERNS)

The USEPA maintains a list of locations which have reported a release of oil or hazardous substances to the federal government. Most of the data in this system is based on information that was received during the initial notification.

A review of the ERNS list for 1999 determined there are no reported incidents on the subject property.

United States Department of Homeland Security
United States Coast Guard
National Response Center (NRC)

The NRC is the national point of contact for reporting all oil, chemical, radiological, biological and etiological discharges into the environment anywhere in the United States and its territories. In addition to gathering and distributing spill data for Federal On-Scene Coordinators and serving as the communications and operations center for the National Response Team, the NRC maintains agreements with a variety of federal entities to make additional notifications regarding incidents meeting established trigger criteria.

Phase I Environmental Site Assessment Report
135, 141 and 153 West Avenue 34
3401 and 3433 Pasadena Avenue
September 28, 2012

A review of the NRC list for 2012 determined there are no reported incidents on the subject property.

STATE AGENCY RECORDS

State of California
Environmental Protection Agency (CAL-EPA)
Department of Toxic Substances Control (DTSC)

CAL-EPA is responsible for the regulation and enforcement of environmental health laws within the state of California, as set forth by the California Health and Safety Code. CAL-EPA is also designated by the USEPA to assist in enforcing federal environmental laws. CAL-EPA regulates companies involved in the generation, transportation, storage and disposal of hazardous substances. CAL-EPA records include the "CalSites" database, which is a listing of 7,800 known active, inactive and abandoned hazardous waste sites. These sites have previously been reported in the Abandoned Site Program Information System (ASPIS), Bond Expenditure Plan (BEP), and Cortese databases. CAL-EPA records also include a listing of the California Integrated Waste Management Board's "Active" and "Closed and Inactive" landfills database.

A review of the January 2012 CAL-EPA records determined there are six listed "CalSite" facilities within one mile of the subject property:

Kennington (#1 on map)
3209 Humboldt Street
Los Angeles, CA 90031

This site was placed in "Active" status in April 1996. According to the records, the soil is contaminated with polychlorinated biphenyls (PCBs), tetrachloroethylene (PCE), and other chemicals. A site investigation or remediation of the site is currently in progress.

Jaybee Site at Lincoln Heights (#3 on map)
301 West Avenue 26
Los Angeles, CA 90031

This site was placed in "Active" status in April 2004. According to the records, the soil is contaminated with naphthalene, toluene, and other chemicals. A site investigation or remediation of the site is currently in progress.

Phase I Environmental Site Assessment Report
135, 141 and 153 West Avenue 34
3401 and 3433 Pasadena Avenue
September 28, 2012

Former Welch's Uniform Facility (#5 on map)
3505 Pasadena Avenue
Los Angeles, CA 90031

This site was placed in "Active" status in May 2007. According to the records, the soil is contaminated with trichloroethylene (TCE). A site investigation or remediation of the site is currently in progress. According to the records, the site was previously occupied by Welch's Uniform and has been used as a laundry and uniform rental facility over a 70 year period. Environmental studies conducted at the site indicate the soil and groundwater beneath the facility is contaminated with volatile organic compounds including trichloroethene (TCE).

Loreto Street Elementary School Addition (#6 on map)
3408 Arroyo Seco Avenue
Los Angeles, CA 90065

This site was placed in "Inactive - Needs Evaluation" status in September 2006. DTSC has determined that a Preliminary Endangerment Assessment or other evaluation is required.

Victor Industrial Battery (#7 on map)
138 North San Fernando Road
Los Angeles, CA 90031

This site was placed in "Certified Operation and Maintenance – Land Use Restrictions" status in March 1995. According to the records, the soil is potentially contaminated with liquids with PH<=2, acid solution 2>PH with metals, and other chemicals. Properties with Land Use Restrictions have limits on future property uses required by DTSC due to residual levels of contamination or the type of cleanup actions conducted.

National Aircraft Equipment Co. (#8 on map)
275 North Avenue 19
Los Angeles, CA 90031

This site was placed in "Inactive - Needs Evaluation" status in July 2005. DTSC has determined that a Preliminary Endangerment Assessment or other evaluation is required.

There are no active, closed or inactive landfill sites within a ½ mile radius of the subject property.

Phase I Environmental Site Assessment Report
135, 141 and 153 West Avenue 34
3401 and 3433 Pasadena Avenue
September 28, 2012

State of California
Environmental Protection Agency (CAL-EPA)
Department of Toxic Substances Control (DTSC)
Land Use Covenants

CAL-EPA/DTSC utilizes Land Use Covenants (LUCs) to protect the public from unsafe exposures to residual contamination that is left in place after site remediation activities have been completed. The LUC imposes limitations on land use when hazardous materials, wastes, or substances remain on the property at levels which are not suitable for unrestricted use of the land. The LUC includes easements, servitudes, covenants, and restrictions which run with the land and continue into perpetuity unless modified or terminated in accordance with applicable law. All LUCs are signed by the DTSC and the landowner, and recorded in the county where the land is located.

A review of the January 2012 DTSC database records did not identify any deed restrictions on the subject property.

State of California
Water Resources Control Board
Regional Water Quality Control Board (RWQCB)
Land Use Covenants

RWQCB utilizes Land Use Covenants (LUCs) to protect the public from unsafe exposures to residual contamination that is left in place after site remediation activities have been completed. The LUC imposes limitations on land use when hazardous materials, wastes, or substances remain on the property at levels which are not suitable for unrestricted use of the land. The LUC includes easements, servitudes, covenants, and restrictions which run with the land and continue into perpetuity unless modified or terminated in accordance with applicable law. All LUCs are signed by the RWQCB and the landowner, and recorded in the county where the land is located.

A review of the June 2011 RWQCB database records did not identify any deed restrictions on the subject property.

State of California
Water Resources Control Board
Regional Water Quality Control Board (RWQCB)

The RWQCB is responsible for monitoring the quality and flow of groundwater, and they address other potential threats to the groundwater from surface spills and leaks. The RWQCB monitors the contamination problem, the investigation and any remedial action. Their database information includes active and closed Cleanup Program Sites, Land Disposal Sites, Leaking Underground Storage Tank (LUST) Sites, Military Cleanup Sites, Military Privatized Sites,

Military Underground Storage Tank Sites and registered underground storage tank sites (RWQCB sites) within the State of California.

A review of the January 2012 RWQCB records determined the subject property is not listed as a known RWQCB site. According to the records, there is one known open RWQCB LUST site within a ½ mile radius of the subject property:

Chevron Station #9-3707 (#9 on map)
2601 North Figueroa Street
Los Angeles, CA 90065

This site was opened in September 1992. According to the records, the site is identified as an open LUST Cleanup Site that is undergoing a site assessment.

According to the records, there are one active non-LUST RWQCB Cleanup sites adjacent to the subject property:

Former Welch's Uniform Rental Site (#5 on map)
3505 Pasadena Avenue
Los Angeles, CA 90031

This case was first opened in December 1987, and the site is identified as an open Cleanup Program Site that is undergoing verification monitoring. According to the records, the groundwater is contaminated with non-petroleum hydrocarbon. A second case was opened in December 1998. According to the records, the site is identified as an open Cleanup Program Site that is undergoing a site assessment.

There are no records of registered underground storage tanks on the subject property, however, there are historical records of an underground storage tank on the adjacent property to the north (Welch's Uniform Rental Site, 3505 Pasadena Avenue).

5.2 Additional Environmental Record Sources

State of California
Department of Conservation
Division of Mines and Geology (CDMG)

The CDMG conducts studies, publishes maps, and provides information concerning the geological formations throughout the state of California. CDMG research information is combined with information from the United States Geological Survey and the ensuing geologic maps of the state are prepared. These geologic maps also illustrate the approximate locations of known earthquake faults.

A review of the area map published by CDMG indicates the geologic area surrounding the subject property consists of Recent alluvium, which includes alluvial fan, flood-plain, and streambed deposits. The client may wish to refer to the enclosed geologic map.

State of California
Department of Oil
Gas and Geothermal Resources (DOGGR)

The DOGGR regulates the drilling, operation and abandonment of gas and oil wells throughout the state of California. If an active, idle or abandoned well is located on or adjacent to a proposed construction site, DOGGR requires a site plan review prior to issuing a building permit. Abandoned oil wells must meet standards established in 1984.

A review of the area map published by DOGGR indicates there are no producing, idle or abandoned oil wells on or adjacent to the subject property. The client may wish to review the enclosed map.

South Coast Air Quality
Management District (AQMD)

The AQMD is responsible for the development and enforcement of regulations concerning air emissions and airborne hazards from stationary sources in the South Coast Air Basin. AQMD maintains a "Hot Spot" list of facilities whose air emissions pose as a risk to the surrounding community.

A review of the AQMD records determined there are no "Hot Spot" facilities on or adjacent to the subject property.

Los Angeles County
Department of Public Works
Waste Management Division (DPW/WMD)

DPW/WMD maintains maps showing the locations of active, inactive or future solid waste landfill sites in Los Angeles County.

A review of DPW's major waste systems map determined there are two landfill sites within a ½ mile radius of the subject property:

Los Angeles City (Lacy Street) (#10 on map)
400 Avenue 26
Los Angeles, CA 90031

According to the records, this site is listed as an inactive, Class II (municipal waste) landfill.

Phase I Environmental Site Assessment Report
135, 141 and 153 West Avenue 34
3401 and 3433 Pasadena Avenue
September 28, 2012

Unnamed Site (#11 on map)
Avenue 26 and Figueroa Street
Los Angeles, CA 90031

According to the records, this site is listed as an inactive, Class II (municipal waste) landfill.

Los Angeles County
Department of Public Works
Hydraulic/Water Conservation Division (DPW/HWC)

DPW/HWC maintains contour maps and data of the groundwater levels in the Los Angeles County area. The map shows the depth to the aquifer, as well as the approximate flow direction.

A review of this data revealed the site is located at an elevation of approximately 380 feet above sea level, and the closest well is located about ½ mile northwest of the site, at Cypress Avenue and Huron Street. The elevation of the well is 366 feet above sea level, and the groundwater levels are 327 feet above sea level, or 39 feet below the ground surface. Based on the topography of the area, the groundwater flow is expected to be to the west, although this cannot be confirmed due to lack of nearby wells.

Los Angeles County
Fire Department (LACOFD)
Health Hazardous Materials Division

LACOFD maintains inspection and inventory records of companies involved in the storage and use of hazardous materials, petrochemicals, or hazardous waste. LACOFD attempts to maintain a current record of the types of hazardous substances that are utilized or stored at a particular site, and conducts periodic inspections for safety and compliance. In addition, LACOFD maintains records concerning hazardous material sites in Los Angeles County, which are reported to LACOFD by various regulatory agencies. Upon receiving the report, LACOFD monitors the cleanup process on the contaminated site.

According to the LACOFD files, there are no records of hazardous material handlers or hazardous waste generators for the subject or adjacent properties. A review of the Active Mitigation Complaint Control Logs determined there are no listed sites on or adjacent to the subject property.

City of Los Angeles
Fire Department (LAFD)

LAFD maintains inspection and inventory records of companies involved in the storage and use of hazardous materials or petrochemicals. LAFD attempts to maintain a current record of the types of materials that are utilized at a particular site, and conducts periodic inspections for

safety and compliance. LAFD also maintains records on underground storage tanks, issues installation and removal permits, and monitors the contamination cleanup process.

A review of the LAFD files determined there are no records of underground storage tanks or hazardous materials inventories for the subject property.

A review of the LAFD files for 3505 Pasadena Avenue, which is the adjacent property to the north, revealed the site was previously occupied by Welch's Uniform. In 1987, Welch's Uniform applied for a permit to remove a 2,000-gallon underground diesel fuel tank. Soil sampling beneath the tank revealed significant Total Petroleum Hydrocarbon as gasoline (TPH-g) contamination (8,600 ppm). The groundwater beneath the site was determined to be about 35 feet below the ground surface, and the groundwater flows away from the subject property in a west-northwest direction. In February 1988, Welch's Uniform applied for a permit to abandon five underground storage tanks in-place, and in December 1988, Welch's Uniform applied for a permit to remove five additional underground storage tanks. In May 2004, Welch's Uniform applied for a permit to remove one additional 1,000-gallon underground storage tank. Soil sampling beneath the tank did not detect any contamination problems, and on October 26, 2004, the DPW/UGT issued a no further action letter for the closure of the 1,000-gallon underground tank.

5.3 Physical Setting Sources

A United States Geological Survey (USGS) 7.5 Minute Topographical map of the subject property and surrounding area is included in the appendices of the report. The map shows the locations of the identified offsite environmental risks or threats described in the report.

5.4 Historical Use Information on the Property

City of Los Angeles
Building Department

A review of the building records for the subject property located the following records:

Date	Activity	Owner
	135 Avenue 34	
01/23	Reroof building	East/Northeast Economic Dev. Corp.
	137 Avenue 34	
01/23	Move residence from 2639 Lacy Bel Avenue	Charles Mattingly
04/61	Demolish dwelling	Cannon Electric Co.

Phase I Environmental Site Assessment Report
135, 141 and 153 West Avenue 34
3401 and 3433 Pasadena Avenue
September 28, 2012

Date	Activity	Owner
	137½ Avenue 34	
01/23	Move residence from 2641 Lacy Bel Avenue	Charles Mattingly
04/61	Demolish dwelling	Cannon Electric Co.
	139 Avenue 34	
01/23	Move residence from 2643 Lacy Bel Avenue	Charles Mattingly
04/61	Demolish dwelling	Cannon Electric Co.
	141 Avenue 34	
07/16	Add two rooms to residence	Chas Fishback
07/16	Construct garage	Chas Fishback
02/28	Add two bedrooms to house	Felipe Villarreal
07/53	Construct garage	Joseph Gomez
08/56	Demolish building	Teal House Wreckers
08/74	Demolish storage building	East/Northeast Economic Dev. Corp.
	141-149 Avenue 34	
09/56	Construct parking lot	Cannon Electric Co.
04/77	Grade for building site	Los Angeles Economic Dev. Corp.
04/77	Encroach into 169 Ave. 34 & 3505 Pasadena Ave.	Los Angeles Economic Dev. Corp.
07/77	Construct foundation only for factory	Los Angeles Economic Dev. Corp.
08/77	Construct light manufacturing building	Los Angeles Economic Dev. Corp.
11/77	Add office partitions	Los Angeles Economic Dev. Corp.
12/77	Add storage tank for plastic pellets	Los Angeles Growing Corp.
	143 Avenue 34	
08/06	Construct dwelling	F.H. Small
08/56	Demolish building	Teal House Wreckers
08/74	Demolish storage building	East/Northeast Economic Dev. Corp.
	145 Avenue 34	
08/06	Construct dwelling	F.H. Small
08/56	Demolish building	Teal House Wreckers
08/74	Demolish storage building	East/Northeast Economic Dev. Corp.
	147 Avenue 34	
08/06	Construct dwelling	F.H. Small
08/56	Demolish building	Teal House Wreckers
08/74	Demolish storage building	East/Northeast Economic Dev. Corp.

Phase I Environmental Site Assessment Report
135, 141 and 153 West Avenue 34
3401 and 3433 Pasadena Avenue
September 28, 2012

Date	Activity	Owner
	149 Avenue 34	
08/06	Construct dwelling	F.H. Small
08/56	Demolish building	Teal House Wreckers
08/74	Demolish storage building	East/Northeast Economic Dev. Corp.
	151 Avenue 34	
08/74	Demolish storage building	East/Northeast Economic Dev. Corp.
	153 Avenue 34	
10/29	Construct factory	Frank Mark
08/05	Alter roof on dwelling	George Harris
03/66	Parapet corrections	M. Guillermo
12/00	Full compliance with division 88	Guillermo
	3407 Pasadena Avenue	
4/25	Construct private garage	John Murphy
--/45	Move building to 1037 North Avenue 63	Anne Bremer
06/45	Move garage to 123 West Avenue 34	Cubbison Bakery
08/46	Construct baking supply storage building	Cubbison Bakery
	3409 Pasadena Avenue	
08/12	Construct shed	John Murphy
02/23	Addition to residence	John Murphy
11/41	Add concrete floor for rat proofing	Cubbison Cracker Co.
	3411 Pasadena Avenue	
12/10	Construct shed	John Murphy
09/11	Construct shed	John Murphy
08/14	Rebuild porch on residence	John Murphy
09/36	Construct truck shelter	Sophie Cubbison
12/36	Construct storage building	Sophie Cubbison
09/40	Move residence to 9815 Telfair Avenue	L. Simon
04/54	Reroof shed and loading dock with metal roof	Cubbison's Bakery
	3413 Pasadena Avenue	
06/41	Add 30' x 96' to bakery	Cubbison Cracker Co.
	3415 Pasadena Avenue	
07/87	Reroof building	Illig Construction Co.
	3415-3419 Pasadena Avenue	
07/65	Parapet correction	Crocker Citizen Bank Trust Dept.
03/87	Full compliance with Division 88	Illig Investment Co.

Phase I Environmental Site Assessment Report
135, 141 and 153 West Avenue 34
3401 and 3433 Pasadena Avenue
September 28, 2012

Date	Activity	Owner
	3419 Pasadena Avenue	
09/25	Addition to bakery	Cubbison Bakery
09/25	Demolish old building	Cubbison Bakery
11/25	Construct private garage	Cubbison Bakery
06/28	Enlarge building	C.H. Cubbison
06/28	Remove brick and wood building	C.H. Cubbison
08/28	Add mezzanine	C.H. Cubbison
03/47	Add mezzanine	Cubbison Cracker Co.
04/55	Add toilets	Cubbison Cracker Co.
07/56	Interior partitions	Canon Electric Co., Lessee
	3421 Pasadena Avenue	
01/08	Construct residence	Mary Lawson
05/14	Add gas outlets	May Lawson
01/17	Add room to rear of house	James Smith
10/61	Demolish residence	Cannon Electric Co.
	3421-3423 Pasadena Avenue	
10/12	Repair residence	Jerry Hickey
	3423 Pasadena Avenue	
10/12	Construct residence	Mary Lawson
01/24	Construct real estate office	Catherine L. Condra
10/61	Demolish residence	Cannon Electric Co.
	3425 Pasadena Avenue	
07/51	Demolish residence	Stran Steel Products Co.
07/67	Prepare building site	Smith Mailer Co.
07/67	Construct industrial building	Smith Mailer Co.
08/67	Remove and re-compact loose fill soil	Smith Mailer Co.
08/67	Add 20'x85' to manufactured building	Smith Mailer Co.
	3429 Pasadena Avenue	
11/12	Add chimney to residence	Mrs. Zonberg
07/51	Demolish residence	Stran Steel Co.
	3431 Pasadena Avenue	
06/11	Add 6' to back porch	A. Fornberg
12/12	Build outside chimney	A. Fornberg
07/51	Demolish residence	Stran Steel Co.

Phase I Environmental Site Assessment Report
135, 141 and 153 West Avenue 34
3401 and 3433 Pasadena Avenue
September 28, 2012

Date	Activity	Owner
	3433 Pasadena Avenue	
01/74	Add 26'x96' metal carport	Smith Mailer Co.
	3437 Pasadena Avenue	
04/06	Construct cow barn	Mrs. Sherman Smith
01/37	Construct private garage	William G. Short
09/38	General repairs	H.H. Moser
08/56	Demolish residence	Teal House Wreckers

No other building or demolition permits were on file for the subject property.

County of Los Angeles
Assessor's Office

A review of the Assessor's records for the subject property determined that the light industrial building located at 3401 Pasadena Avenue was constructed in 1948. In addition, the light industrial building located at 3433 Pasadena Avenue was constructed in 1967, the warehouse located at 135 West Avenue 34 was constructed in the early 1940's, the warehouse located at 141 West Avenue 34 was constructed in 1977, and the commercial building located at 153 West Avenue 34 was constructed in 1929. The current property owner is identified as ED 1125 LLC.

Historical Aerial Photographs

A review of historical aerial photographs of the subject property determined the following information:

Date of Photo	Description
May 1938	The subject property is occupied by two industrial buildings, several residences and an open storage yard.
July 1948	The subject property is occupied by nine industrial buildings, several residences and an open storage yard.
August 1952	The subject property appears to be about the same as the 1948 photograph.
July 1964	The subject property is occupied by nine industrial buildings, two residences, several vacant lots and parking areas.
October 1972	The subject property is occupied by ten industrial buildings, open storage areas and parking areas.

Date of Photo	Description
October 1980	The subject property is occupied by the five existing industrial building buildings.
August 1989	The subject property appears to be about the same as the 1980 photograph.
May 1994	The subject property is occupied by the five existing industrial buildings.
March 1997	The subject property appears to be about the same as the 1994 photograph.
June 2002	The subject property is occupied by the five existing industrial buildings.
March 2011	The subject property appears to be about the same as the 2002 photograph.

Historic Sanborn Fire Insurance Maps

Sanborn Fire Insurance Maps provide information on commercial and industrial properties, based on risk data gathered for the fire insurance companies. The maps show the number of buildings located on the property, and the type of construction. The maps also describe the various businesses located nearby, and show the locations of tanks, boilers, and other potential hazards.

A review of the Sanborn Fire Insurance Map collections from 1867-1970, located three maps for the subject property:

Date of Map	Description
1906	The subject property is occupied by 16 residences, 10 sheds, two barns and a small bakery.
1920	The subject property is occupied by 21 residences, nine sheds, seven garages, a bakery and portions of the Los Angeles Rock and Gravel Co., which consisted of eight buildings which were used as oil houses, greases houses, a tool house, an office and an auto repair canopy.
1951	The subject property is occupied by 22 residences, eight garages, a bakery and 10 commercial buildings which were used for offices, warehousing, storage and as workshops.

Historic City Directory Search

City Directories provide information on residential, commercial and industrial properties, and list the business name and address. A review of the historic directories provides an overview of the current and previous occupants of the site.

A search of the Haines Criss Cross City Directories, dated 1972-2009, determined the subject property has been previously occupied by Smith Mailer Inc. (1972-1987), GT Price Products (1972), Alta Canada Corp. (1987), American Bearing (1987), Laramada Corp. (1987), Lorac Financial Services (1987), Metal Service Corp. (1987), American Caster Corp. (1987-1992), Ann Mar Inc. (1987), Empire Button Co. (1987), William Pile Printing (1987-1992) and Bob Baker Productions (1992).

A review of the building permit records, historical aerial photographs, Sanborn fire insurance maps, assessor records and historic city directories determined the 153 Avenue 34 building was constructed over 83 years ago and the site was previously occupied by residences. The 141 Avenue building was constructed in 1977, and the site was previously occupied by portions of the Los Angeles Rock and Gravel Co., which included structures used for auto repair and two oil houses. The 141 Avenue 34 building was previously occupied by The Steel Framing and Building Corporation, several light-industrial buildings and several residences. The 135 Avenue 34 building was constructed over 62 years ago and the site was previously occupied by residences. The 3401 Pasadena Avenue was constructed in 1948, and the site was previously occupied by another commercial building and residences. The 3433 Pasadena Avenue building was constructed in 1967 and the site was previously occupied by several residences. The city directory listings indicate the subject property was previously occupied by metal work and printing businesses.

5.5 Historical Use Information on the Adjoining Properties

Historical Aerial Photographs

A review of historical aerial photographs of the adjoining properties determined the following information:

Date of Photo	Description
May 1938	North of the subject property is a large industrial facility with several industrial buildings. To the east is Pasadena Avenue, and further east is a commercial building and several residences. To the south is Avenue 34, and further south is a commercial building and several residences. To the west is a railroad right-of-way, and further west is an industrial facility with several light-industrial buildings.
July 1948	North of the subject property is a large industrial facility with several industrial buildings. To the east is Pasadena Avenue, and further east is a commercial building and several residences. To the south is Avenue 34, and further south is a commercial building and several residences. To the west is a railroad right-of-way, and further west is an industrial facility with several light-industrial buildings.

Phase I Environmental Site Assessment Report
135, 141 and 153 West Avenue 34
3401 and 3433 Pasadena Avenue
September 28, 2012

Date of Photo	Description
August 1952	The surrounding properties appear to be about the same as the 1948 photograph.
July 1964	North of the subject property is a large industrial facility with several industrial buildings. To the east is Pasadena Avenue, and further east is a commercial building and several residences. To the south is Avenue 34, and further south is a commercial building, several residences and a large parking lot. To the west is a railroad right-of-way, and further west is an industrial facility with several light-industrial buildings.
October 1972	North of the subject property is a large industrial facility with several industrial buildings. To the east is Pasadena Avenue, and further east are several commercial buildings and several residences. To the south is Avenue 34, and further south is a commercial building, several residences and a large parking lot. To the west is a railroad right-of-way, and further west is an open storage yard.
October 1980	The surrounding properties appear to be about the same as the 1972 photograph.
August 1989	North of the subject property is a large industrial facility with several industrial buildings. To the east is Pasadena Avenue, and further east are several commercial buildings and several residences. To the south is Avenue 34, and further south are several commercial buildings, several residences and a large parking lot. To the west is a railroad right-of-way, and further west is a vacant lot.
May 1994	North of the subject property is a vacant lot. To the east is Pasadena Avenue, and further east are several commercial buildings and several residences. To the south is Avenue 34, and further south are several commercial buildings, several residences and a large parking lot. To the west is a railroad right-of-way, and further west is a vacant lot.
March 1997	The surrounding properties appear to be about the same as the 1994 photograph.
June 2002	North of the subject property is a vacant lot. To the east is Pasadena Avenue, and further east are several commercial buildings and several residences. To the south is Avenue 34, and further south are several commercial buildings, several residences and a large parking lot. To the west is a railroad right-of-way, and further west is a parking lot.

Date of Photo	Description
March 2011	North of the subject property is a vacant lot. To the east is Pasadena Avenue, and further east are several commercial buildings and several residences. To the south is Avenue 34, and further south are several commercial buildings, several residences and a large parking lot. To the west is a railroad right-of-way, and further west is an industrial building and a parking lot.

Historic Sanborn Fire Insurance Maps

Sanborn Fire Insurance Maps provide information on commercial and industrial properties, based on risk data gathered for the fire insurance companies. The maps show the number of buildings located on the property, and the type of construction. The maps also describe the various businesses located nearby, and show the locations of tanks, boilers, and other potential hazards.

A review of the Sanborn Fire Insurance Map collections from 1867-1970, located three maps for the area surrounding the subject property:

Date of Map	Description
1906	The property to the north is occupied by six residences, a barn and three sheds. Pasadena Avenue is to the east and there is no map coverage available for the property east of Pasadena Avenue. South of the subject property is Avenue 34 and further south are two stores, 12 residences, nine sheds, a barn and a fruit packing building. West of the subject property is a railroad right-of-way and further west is vacant land and the Arroyo Seco wash.
1920	The property to the north is occupied by several residences, garages and sheds, and further north is a large industrial facility which is occupied by Pacific Laundry. Pasadena Avenue is east and further east are several residences, garages and sheds. South of the subject property is Avenue 34 and further south are several residences, garages, sheds and a fuel storage area. West is of the subject property is a railroad right-of-way and further west is vacant land and the Arroyo Seco wash.

Date of Map	Description
1951	The property to the north is occupied by several residences, garages and sheds and further north is a large industrial facility which is occupied by Welch's Uniform and Overall Cleaning Co. A dry-cleaning building is located within the Welch's Facility. Pasadena Avenue is to the east and further east are several residences, garages, sheds and Hillside Elementary School. South of the subject property is Avenue 34 and further south are two stores, several residences, garages, sheds and a scrap metal storage yard. West of the subject property is a railroad right-of-way and further west is a lumber yard which is occupied by Alliance Lumber and Investment Co.

Historic City Directory Search

City Directories provide information on residential, commercial and industrial properties, and list the business name and address. A review of the historic directories provides an overview of the current and previous occupants of the adjoining properties.

A search of the Haines Criss Cross City Directories, dated 1972-2009, found no listings for the adjacent property to the north. The property east of Pasadena Avenue has been previously occupied by Hillside Elementary School (1972-2009) and residences (1972-2009). The property south of Avenue 34 has been occupied by residences (1972-2009), Ishizaki Studios (1987), Argus Tool Manufacturing (1987), Smart Saver (1987-1992), Pasadena Avenue Market (1987-1992), AAA Fashions (1992), Tere's Fashions (1992-2009), Allied Die Cutting (1992), Three Star Refrigeration (1992), ACW Apparel Inc. (2009) and Water Land Inc. (2009). No listings were found for the adjacent property to the west

A review of historical aerial photographs, Sanborn fire insurance maps and historic city directories determined the adjacent property to the north has been vacant land for over 18 years and the site was previously occupied by Welch's Uniform and Overall Cleaning Co. The apartment complex east of Pasadena Avenue was constructed in the early 1970's and the site was previously occupied by residences. The Hillside Elementary School and residences east of Pasadena Avenue were constructed over 74 years ago and the school property was previously occupied by residences. The commercial buildings south of Avenue 34 were constructed over 40 years ago and the sites were previously occupied by residences. The residences south of Avenue 34 were constructed over 74 years ago. The industrial building west of the railroad right-of-way was constructed within the past ten years and the site was previously occupied by a large parking lot and open storage yard. Prior to the development of the storage yard and parking lot, the property west of the railroad right-of-way was occupied by Alliance Lumber and Investment Co. The city directory listings identified the surrounding properties have been occupied by manufacturing and metal work businesses.

6.0 SITE RECONNAISSANCE

6.1 Methodology and Limiting Conditions

The site reconnaissance consisted of a walk through the entire property, and visually observing the structures, storage areas, and parking lots. No inspection was conducted under floors, above ceilings, or behind walls.

6.2 General Site Setting

The site consists of five industrial buildings with paved parking and storage areas, located in a mixed industrial, commercial and residential area of Los Angeles (see site plan).

6.3 Subject Property Observations

On September 19, 2012, an inspection of the subject property and surrounding area was conducted by Environmental Assessor James Robert Orswell. The subject property is occupied by five single-story industrial buildings, described as follows:

The 3401 Pasadena Avenue building consists of a single-story wood-frame and brick light-industrial structure (see photos #1 and #2) which is occupied by the Water Wellness Center, a business office, and Warner Brothers Studios, a warehouse television props. The building is divided into an office area and a warehouse area. Inside, the building has an open wood beam and an exposed concrete floor (see photos #3 and #4). A storage mezzanine is located above the offices and is accessed via a stairwell. There is no elevator in the building. The heating, ventilation and air conditioning (HVAC) system for the building appears to be mounted on the roof.

The 3433 Pasadena Avenue building consists of a single-story wood-frame and concrete-block light-industrial structure (see photo # 5) which is occupied by the Warner Brothers Studios prop department. The building is divided into an office area and a production area. Inside, the office ceilings are covered with suspended-grid acoustic tile and the floors are covered with vinyl tile (see photo #6). The production area has open wood beam ceilings and the floors are exposed concrete. Large quantities of water-based paint are stored and used inside the production area (see photo #7). No significant spills or leaks were observed on the production area floors. A sign on the exterior of the building indicates the building has previously been occupied by a die and metal stamping business. The HVAC system for the building appears to be mounted on the roof.

The 135 West Avenue 34 building consists of a single-story corrugated steel warehouse (see photo #8). A sign on the exterior of the building indicates the structure is occupied by the Submission Factory, a gym. The business was closed and the interior of the building was not available for inspection. No HVAC system was observed for the building.

The 141 West Avenue 34 building consists of a single-story concrete tilt-up, wood frame and brick warehouse (see photo # 9) which is occupied by Ortiz Bros. Moving and Storage. The building is divided into an office area and a warehouse area. Inside, the office ceilings are covered with suspended-grid acoustic tile and the floors are covered with vinyl tile or carpeting (see photo #10). The warehouse has an open wood beam ceiling and an exposed concrete floor (see photos #11 and #12). The warehouse area is used to store customers' personal belongings, and no hazardous materials were observed to be stored inside the warehouse area. There are several loading docks on the east side of the building. The HVAC system for the building appears to be mounted on the roof and side of the building.

The 153 West Avenue 34 building consists of a single-story brick commercial structure (see photo #13). The building was locked and access to the interior of the building was not available for inspection. No HVAC system was observed for the building.

Outside, between the buildings are paved parking and open storage areas (see photo #14). On the west side of the subject property, there is another large paved open storage area (see photo #15). Portions of the parking and storage areas were inaccessible for inspection due to the cluttered storage of large crates, trucks, miscellaneous objects and cars (see photo #16). Several roll-off storage containers were stored at the site, and access to the containers was unavailable at the time of inspection. Commercial trash bins are located in the paved parking and storage areas (see photo #17), and no signs of improper solid waste disposal were observed. The electrical power in the area is supplied by overhead utility lines which bisect the subject property (see photo #18) and also runs along Avenue 34. A ground-mounted electrical transformer is located on the west side of the 141 Avenue 34 building, and no signs were observed on the transformer indicating the presence of polychlorinated biphenyls (PCBs). No signs of illegal dumping or distressed vegetation were observed on the property. There was no evidence of underground storage tanks, septic tanks or monitoring wells on the property, and there was no indication of obvious contamination on the site.

6.4 Adjoining Property Observations

Northern Border

North of the subject property is a vacant lot (see photo #19). The property is identified by the State of California Environmental Protection Agency (CAL-EPA) Department of Toxic Substances Control (DTSC) as an active hazardous waste site and by the State of California Regional Water Quality Control Board (RWQCB) as having two open RWQCB Cleanup Program sites, and it appears that the property is in the process of undergoing remediation.

Eastern Border

East of the subject property is Pasadena Avenue, and further east is Hillside Elementary School, an apartment complex (see photo #20) and several residences. There were no visible signs of spills or contamination on the adjacent properties.

Southern Border

South of the subject property is Avenue 34. Located at the western terminus of Avenue 34, there were two groundwater monitoring wells (see photo #21). The wells were installed to monitor the groundwater contamination in the area from the former Welch's Uniform facility located further north. South of Avenue 34 are several residences (see photo #22), a parking lot and five commercial buildings which are occupied by VGA Apparel and several other unidentified tenants (see photo #23). There were no visible signs of spills or contamination on the adjacent properties.

Western Border

West of the subject property is a railroad right-of-way, and further west is an unidentified industrial building and a large parking lot (see photo #24). There were no visible signs of spills or contamination on the adjacent properties.

7.0 INTERVIEWS

7.1 Interview with Owner

Mr. Eric Ortiz, the property owner and owner of Ortiz Bros. Moving and Storage, advised he purchased the subject property in 2000, and he has occupied the site since 1993. He stated the buildings have been used for distribution and warehousing purposes. He said his business stores customers' personal items, and no hazardous materials are allowed to be stored inside the 141 Avenue 34 building. Mr. Ortiz advised the site has a closed and abandoned wastewater clarifier located on the west side of the 141 Avenue 34 building. Mr. Ortiz said the 135 Avenue 34 building is occupied by The Submission Factory, a gym and he is unaware of any hazardous materials being stored inside the building. In addition, Mr. Ortiz stated the 153 Avenue 34 building is used for storage of water, and no large quantities of hazardous materials are used or stored in the building. Mr. Ortiz said the property to the north was previously occupied by Welch's Uniform and the State of California has been conducting activities at the site for over a decade. Mr. Ortiz said he is unaware of the two groundwater monitoring wells located near the southwest corner of the site. Mr. Ortiz advised to the best of his knowledge, there are no underground storage tanks, septic tanks or wells on the site, and he is not aware of any other chemical spills or contamination problems.

7.2 Interview with Site Manager

Mr. Ortiz is the property manager (see Section 7.1 - Interview with Owner).

7.3 Interviews with Occupants

The unidentified safety manager for Warner Brothers Studios provided Orswell & Kasman, Inc with a copy of the hazardous materials handler permit for the small quantities of water-based paint stored and used within the 3433 Pasadena Avenue building. The safety manager stated that hazardous wastes in the form of waste paint are generated by the business activities and the wastes are collected by Rinco Environmental Services. The safety manager stated he is unaware of any contamination problems at the 3433 Pasadena Avenue building.

7.4 Interviews with Local Government Officials

No interviews with local government officials were conducted.

7.5 Interview with Others

No interviews with other people were conducted concerning the subject property.

8.0 FINDINGS

8.1 Recognized Environmental Conditions

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Standard Practice E 1527-05 on the multi-tenant commercial property located at 135, 141 and 153 West Avenue 34 and 3401 and 3433 Pasadena Avenue, Los Angeles, California, the Property. Any exceptions to, or deletions from the Standard Practice are described in Section 2.4 of this report. This assessment has revealed no evidence of *recognized environmental conditions* in connection with the Property, except as follows:

1) The subject property is occupied by multiple tenants. The 3433 Pasadena Avenue building is currently occupied by Warner Brothers Studios, a prop and set design business. The business stores and uses large quantities of water-based paint, and waste paint is generated by the business activities. The hazardous materials and hazardous wastes appear to be properly stored and managed and no significant spills or leaks were observed on the premises; and

2) Eleven offsite locations have been identified as potential risks or threats to the subject property. According to the data, ten of the sites are not located in the near vicinity, and there is no indication that contaminants from these sites have migrated onto the subject property.

The former Welch's Uniform Facility site (#5 on map), 3505 Pasadena Avenue, is located on the adjacent property to the north, and the business is identified by State of California Environmental Protection Agency (CAL-EPA) Department of Toxic Substances Control (DTSC) as an active hazardous waste site. According to the DTSC CalSite database records, the site was previously occupied by Welch's Uniform and the property was used as a laundry and uniform rental facility over a 70 year period. Environmental studies indicate the soil and groundwater beneath the facility is contaminated with volatile organic compounds including trichloroethene (TCE). In addition, the former Welch's Uniform Rental site is identified by the State of California Regional Water Quality Control Board (RWQCB) as having two open RWQCB Cleanup Program sites. The first case was first opened in December 1987. According to the RWQCB records, the groundwater was contaminated with non-petroleum hydrocarbons, and the site is undergoing verification monitoring. The second case was opened in December 1998 and the site is undergoing an assessment. A review of the City of Los Angeles Fire Department (LAFD) records revealed Welch's Uniform applied for a permit to remove a 2,000-gallon underground diesel fuel tank in 1987. Soil sampling beneath the tank revealed significant Total Petroleum Hydrocarbon as gasoline (TPH-g) contamination (8,600 ppm). The groundwater beneath the site was determined to be about 35 feet below the ground surface, and the groundwater flows away from the subject property in a west-northwest direction. In February 1988, Welch's Uniform applied for a permit to abandon five underground storage tanks in-place, and in December 1988, Welch's Uniform applied for a permit to remove five additional underground storage tanks. In May 2004, Welch's Uniform applied for a permit to remove one additional 1,000-gallon underground storage tank. Soil sampling beneath the tank did not detect any contamination problems, and on October 26, 2004, the DPW/UGT issued a no further action letter for the closure of the 1,000-gallon underground tank. An inspection of the property revealed the site is currently a vacant lot, and remedial activities were being conducted on the site.

8.2 Historical Recognized Environmental Conditions

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Standard Practice E 1527-05 on the multi-tenant commercial property located at 135, 141 and 153 West Avenue 34 and 3401 and 3433 Pasadena Avenue, Los Angeles, California, the Property. Any exceptions to, or deletions from the Standard Practice are described in Section 2.4 of this report. This assessment has revealed no evidence of *historical recognized environmental conditions* in connection with the Property.

9.0 OPINION

Should it be determined the groundwater beneath the subject property has in fact been impacted by the Former Welch's Uniform Rental site, it is the policy of the State of California and the United States Environmental Protection Agency not to hold property owners responsible for

costs to clean up contaminated groundwater beneath their property, unless the owners contributed to the problem. There is no indication from a review of the regulatory records and a site inspection that the subject property has had any problems concerning the storage, usage or disposal of hazardous materials, and it appears the former Welch's Uniform Rental site is in the process of addressing the contamination problem.

Based on a review of regulatory and historical records, and interviews with the property owner and the safety manager for Warner Brothers Studios, and a visual inspection of the site and surrounding area, this assessment has found no evidence of *recognized environmental conditions or historical recognized environmental conditions* which are likely to impact the subject property. Although data failure occurred in the historical uses of the Property prior to 1906, it is unlikely the data failure will impact the ability to identify *recognized environmental conditions.*

10.0 CONCLUSIONS

Based on the results of this assessment, no further environmental studies are recommended for the site.

11.0 DEVIATIONS

This report was prepared in conformance to meet or exceed the scope and practice as set forth by the American Society for Testing & Materials (ASTM) Standard Practice E 1527-05, "Standard Practice of Environmental Site Assessments: Phase I Environmental Site Assessment Process." No significant deviations, deletions, or client-imposed constraints were made from this practice.

12.0 ADDITIONAL SERVICES

No additional services including a broader scope of services, liability/risk evaluations, or remedial activities are included in this report.

13.0 REFERENCES

All government records and maps were obtained directly from the regulatory agencies identified in this report. The fire insurance map information was obtained from Digital Sanborn Maps, 1867-1970, Ann Arbor, Michigan. The aerial photographs were obtained from BBL Consultants, Solana Beach, California; the United States Geological Survey, Menlo Park, California; or the United States Department of Agriculture, Salt Lake City, Utah. The city directory search information was obtained from Sherman Library and Gardens, Corona Del Mar, California.

14.0 STATEMENT OF ENVIRONMENTAL PROFESSIONALS

We declare that, to the best of our professional knowledge and belief, we meet the definition of *Environmental Professionals* as defined in §312.10 of 40 CFR 312. We have the specific

qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed the all appropriate inquires in conformance with the standards and practices set forth in 40 CFR Part 312. The individual qualifications of these professionals are included in the appendices of this report.

15.0 APPENDICES

15.1 Site and Vicinity Map

A United States Geological Survey (USGS) 7.5 Minute Topographical map of the subject property and surrounding area is included in the appendices of the report. The map shows the locations of the identified offsite environmental risks or threats described in the report.

15.2 Site Plan

A site plan of the subject property is included in the appendices of the report. The site plan shows the general location of the structures on the property, and other items of interest which were identified in the description of the site.

15.3 Site and Vicinity Photographs

Photographs of the subject property and surrounding neighborhood are attached to this report. These photographs were taken at the time of the site inspection.

15.4 Historical Research Documentation

Building permit records were obtained directly from the regulatory agency identified in this report. The aerial photographs summarized in this report were obtained from BBL Consultants, Solana Beach, California; the United States Geological Survey, Menlo Park, California; or the United States Department of Agriculture, Salt Lake City, Utah. The Sanborn Fire Insurance Map information was obtained from Digital Sanborn Maps, 1867-1970, Ann Arbor, Michigan. The city directory search information was obtained from Sherman Library and Gardens, Corona Del Mar, California.

15.5 Regulatory Records Documentation

All government records were obtained directly from the regulatory agencies identified in this report.

15.6 Interview and Research Documentation

All of the field notes and supporting information obtained from interviews and research concerning the subject property are maintained in the report file at the offices of Orswell & Kasman, Inc.

15.7 Special Contractual Conditions between User and Environmental Professional

No special contractual conditions or agreements exist between the client and any of the employees of Orswell & Kasman, Inc., and Orswell & Kasman, Inc. does not have any financial interest in the subject property.

15.8 Qualifications of the Environmental Professionals

Attached to this report are the résumés of Marty Kasman and James Orswell, who conducted the site inspection, the records review, and prepared the report.

APPENDIX

MARTY KASMAN

Marty Kasman, a principal of the company, is a Registered Environmental Health Specialist (#4927) and a Registered Environmental Assessor (#4022) with the State of California. He is also a USEPA/AHERA accredited Asbestos Management Planner and California Certified Asbestos Consultant (#99-2553). He received his Bachelor of Science and Master of Science degrees in Environmental and Occupational Health Science from California State University at Northridge. He also has a Certificate in Hazardous Materials Management from the University of California at Los Angeles (UCLA). In addition, Mr. Kasman also received specialized hazardous materials training at the Federal Law Enforcement Training Center in Georgia.

Mr. Kasman served fourteen years with the Los Angeles County Fire Department, as a Supervising Hazardous Material Specialist and Deputy Health Officer. For a majority of his Fire Department career, Mr. Kasman worked in the Criminal Investigations Unit, and he was assigned to the Los Angeles County District Attorney's Environmental crimes Task Force. His responsibilities included field and laboratory work in hazardous materials management, conducting inspections of industrial plant operations, and monitoring cleanup activities. In addition, Mr. Kasman has investigated hundreds of abandoned waste sites and other cases involving the illegal dumping of hazardous materials throughout Los Angeles County.

Mr. Kasman currently serves as an environmental consultant to industry management in the proper handling of hazardous materials and waste. He has taught courses in hazardous materials regulatory compliance and waste management at UCLA, California State University at Northridge, and the California Specialized Training Institute at San Luis Obispo. Mr. Kasman served on the State of California Local Unified Program Implementation Committee (LUPIC) to develop a standardized hazardous materials contingency plan.

Mr. Kasman's extensive education, training, and experience in hazardous materials management make him fully qualified to conduct environmental assessments and investigations. He is the former president, director, and a life-time member of the California Hazardous Materials Investigators Association. He is also a former director of the Local Environmental Enforcement Officers Association, and the Los Angeles County Association of Environmental Health Specialists. He is a member of California and National Environmental Health Associations, and the National Association of Government Guarantee Lenders.

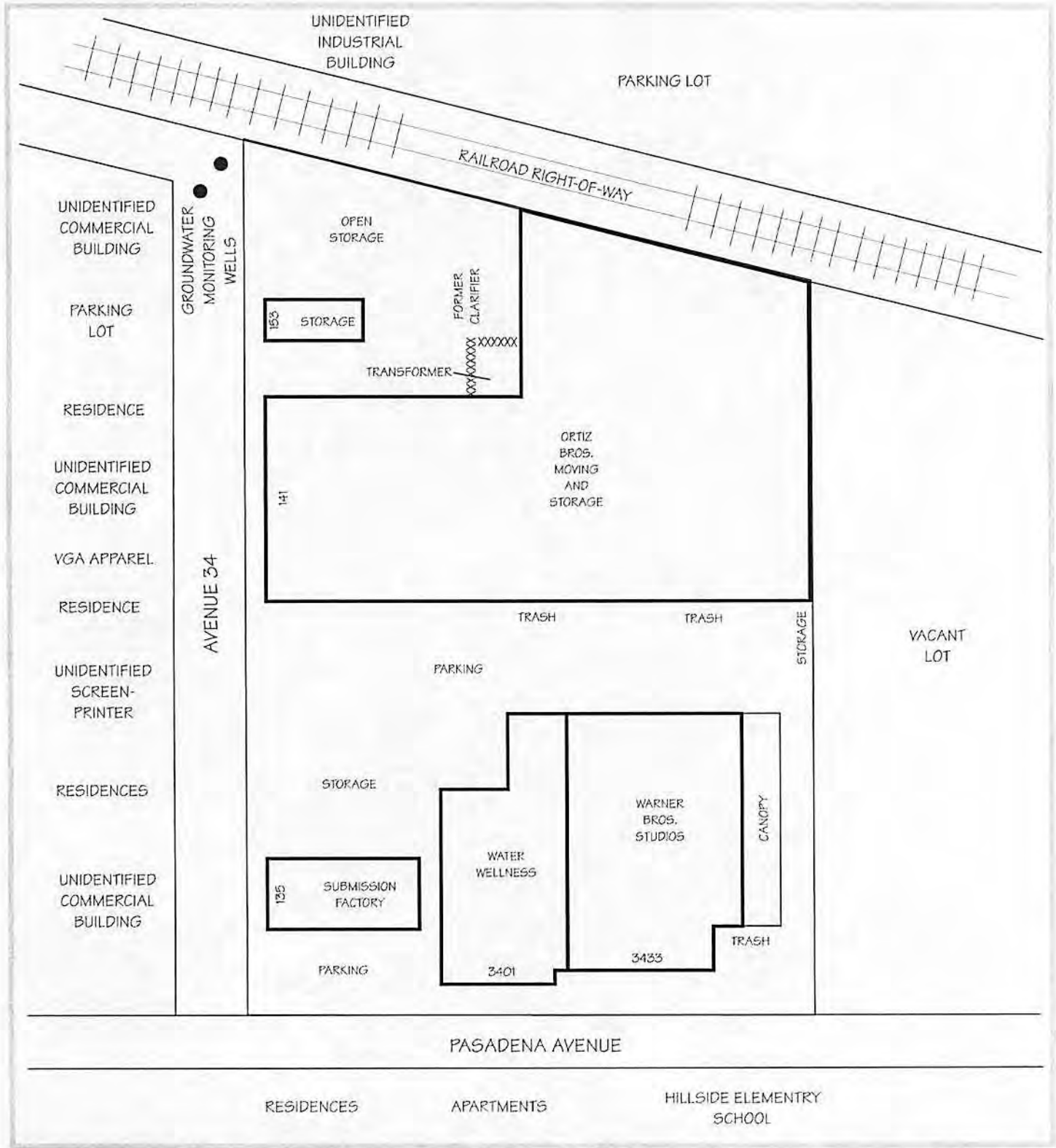
JAMES ROBERT ORSWELL

James R. Orswell is a Registered Environmental Assessor with the State of California. Since graduating from Utah Valley University, he has participated in thousands of Phase I Environmental Site Assessment reports, Transaction Screen reports, soil vapor surveys, methane assessments, historical use reports and Phase II projects on commercial, industrial, and residential properties.

Mr. Orswell is an expert document writer, data collector and is an experienced mortgage loan officer. Since 2002, Mr. Orswell has worked in the environmental assessment and consulting field, researching and conducting numerous environmental investigations throughout the United States. He has worked directly with major lending institutions, real estate professionals, lawyers, city planners, and private clients. Mr. Orswell has worked along with the Department of Defense in plotting Former Used Defense Sites (FUDS) and is a Certified Mold Inspector. He has managed multiple underground storage tank removals, installation of soil vapor extraction systems and has overseen several subsurface investigations in Southern California.

He is also an Eagle Scout, volunteer with many non-profit organizations, and an avid outdoors enthusiast. Mr. Orswell's education, training, and experience provide him with the qualifications to conduct environmental assessments and investigations.

SITE
1
2
3
4
5
6
7
8
9
10
11
Highland Park
Glassell Park
Mt. Washington
Happy Valley
Lincoln Heights
DODGER STADIUM
UNCOLN PARK
Broadway
Avenue 26
Pasadena Fwy
TN
MN
13½°
0 5 MILE
0 1000 FEET 0 500 1000 METERS
Map created with TOPO!® ©2002 National Geographic (www.nationalgeographic.com/topo)



ORSWELL & KASMAN, INC.
Environmental Assessments & Consulting
316 West Foothill Boulevard
Monrovia, CA 91016

135, 141 & 153 WEST AVENUE 34 AND
3401 & 3433 PASADENA AVENUE
LOS ANGELES, CA 90031

N

NOT TO SCALE
FOR ORIENTATION PURPOSES ONLY

Phase I Environmental Site Assessment Report
135, 141 & 153 West Avenue 34 and
3401 and 3433 Pasadena Avenue
September 28, 2012

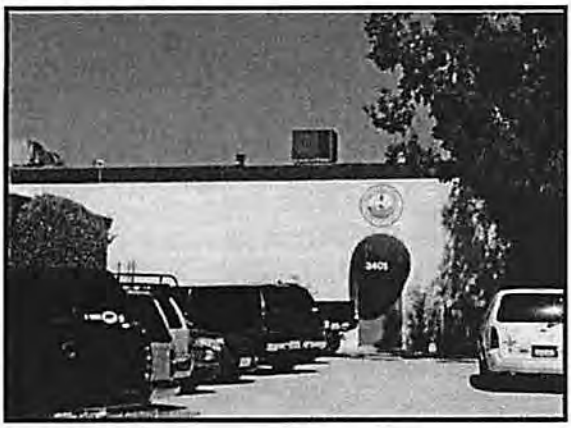


Photo #1

Photo #2

Photo #3

Photo #4

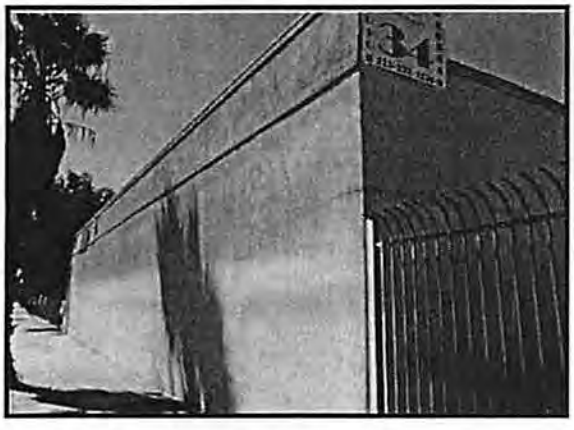


Photo #5

Photo #6

Phase I Environmental Site Assessment Report
135, 141 & 153 West Avenue 34 and
3401 and 3433 Pasadena Avenue
September 28, 2012

Photo #7

Photo #8

Photo #9

Photo #10

Photo #11

Photo #12

Photo #13

Photo #14

Photo #15

Photo #16

Photo #17

Photo #18

CONTOUR INTERVAL 200 FEET
WITH SUPPLEMENTARY CONTOURS AT 100 FOOT INTERVALS

GEOLOGIC MAP OF CALIFORNIA

EXPLANATION

SEDIMENTARY AND METASEDIMENTARY ROCKS

CENOZOIC

QUATERNARY

Recent

- Qs — Dune sand
- Qal — Alluvium
- Qsc — Stream channel deposits
- Qf — Fan deposits
- Qb — Basin deposits

GREAT VALLEY

- Qsl — Salt deposits
- Ql — Quaternary lake deposits
- Qg — Glacial deposits

Pleistocene

- Qt — Quaternary nonmarine terrace deposits
- Qm — Pleistocene marine and marine terrace deposits
- Qc — Pleistocene nonmarine
- QP — Plio-Pleistocene nonmarine

TERTIARY

Pliocene

- Pc — Undivided Pliocene nonmarine
- Puc — Upper Pliocene nonmarine
- Pu — Upper Pliocene marine
- Pmlc — Middle and/or lower Pliocene nonmarine
- Pml — Middle and/or lower Pliocene marine

Miocene

- Mc — Undivided Miocene nonmarine
- Muc — Upper Miocene nonmarine
- Mu — Upper Miocene marine
- Mmc — Middle Miocene nonmarine
- Mm — Middle Miocene marine
- Ml — Lower Miocene marine

Oligocene

- Φc — Oligocene nonmarine
- Φ — Oligocene marine

Eocene

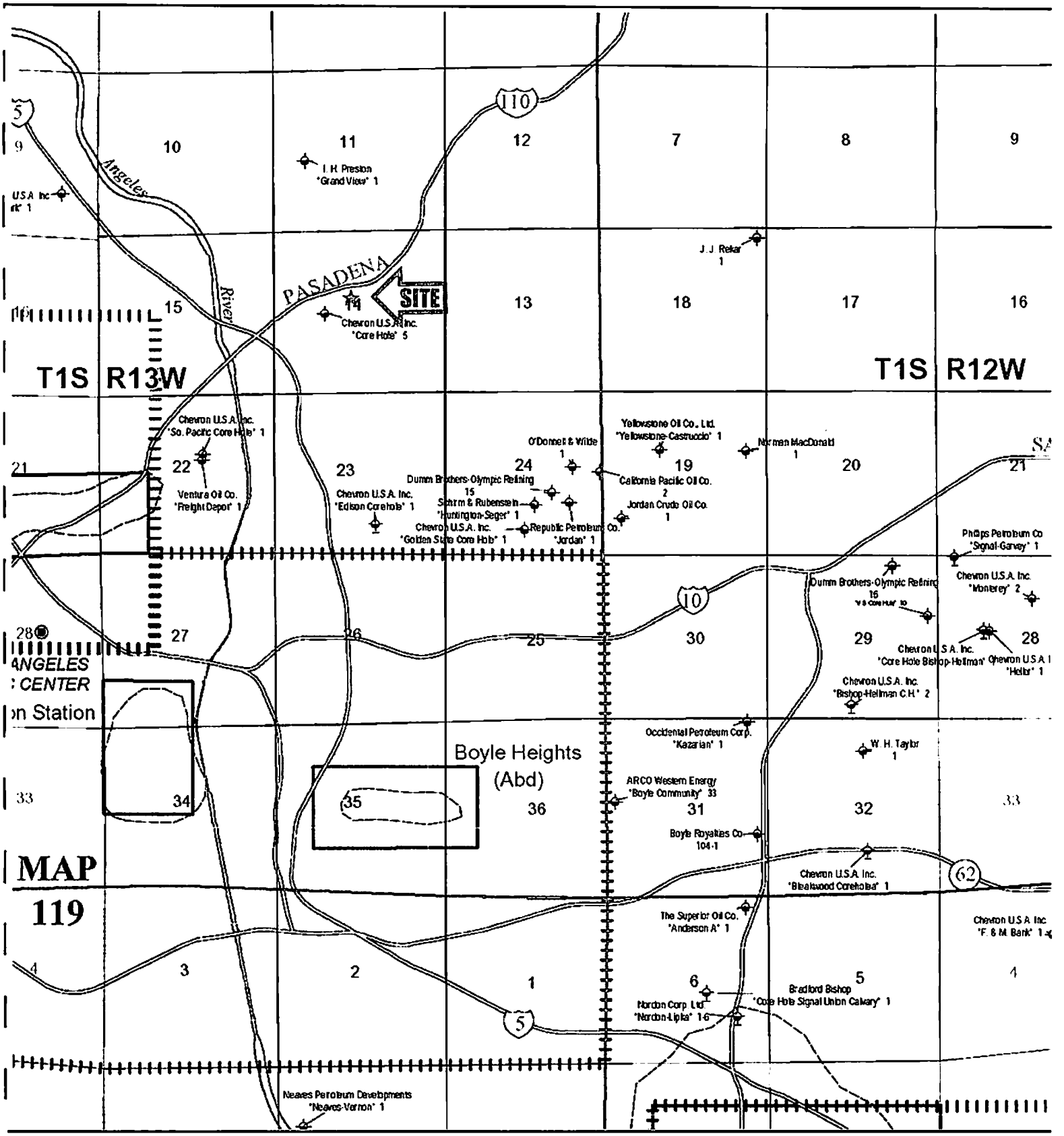
- Ec — Eocene nonmarine
- E — Eocene marine

Paleocene

- Epc — Paleocene nonmarine
- Ep — Paleocene marine

IGNEOUS AND META-IGNEOUS ROCKS

- Qrv — Recent volcanic: Q_{rv}^{r} —rhyolite; Q_{rv}^{a} —andesite; Q_{rv}^{b} —basalt; Q_{rv}^{p} —pyroclastic rocks
- Qpv — Pleistocene volcanic: Q_{pv}^{r} —rhyolite; Q_{pv}^{a}—andesite; Q_{pv}^{b} —basalt; Q_{pv}^{p} —pyroclastic rocks
- Quaternary and/or Pliocene cinder cones
- Pv — Pliocene volcanic: P_{v}^{r} —rhyolite; P_{v}^{a}—andesite; P_{v}^{b} —basalt; P_{v}^{p} —pyroclastic rocks
- Mv — Miocene volcanic: M_{v}^{r} —rhyolite; M_{v}^{a} —andesite; M_{v}^{b} —basalt; M_{v}^{p} —pyroclastic rocks
- Φv — Oligocene volcanic: Φ_{v}^{r}—rhyolite; Φ_{v}^{a} —andesite; Φ_{v}^{b}—basalt; Φ_{v}^{p}—pyroclastic rocks
- Ev — Eocene volcanic: E_{v}^{r} —rhyolite; E_{v}^{a}—andesite; E_{v}^{b} —basalt; E_{v}^{p} —pyroclastic rocks



REGIONAL WILDCAT MAP

SHOWING WELLS NOT ON DIVISION FIELD MAPS

State of California - Department of Conservation

Division of Oil, Gas, and Geothermal Resources

NOTE: Wells with directional surveys on file with the division are indicated with a short line under the well symbol.
Current well status should be confirmed at the appropriate division office.

ORSWELL & KASMAN, INC.

ENVIRONMENTAL RECORDS RESEARCH REPORT

Property Information:

Multi-Tenant Commercial Property
135, 141 & 153 West Avenue 34
& 3401 & 3433 Pasadena Avenue
Los Angeles, CA 90031

OKI Report #:

P12260

Report Date:

September 28, 2012

Prepared For:

Citizens Business Bank
CDC Small Business Finance
The U.S. Small Business Administration

Prepared by:

Orswell & Kasman, Inc.
316 West Foothill Boulevard
Monrovia, CA 91016
(626) 932 - 1800 * FAX (626) 932 - 1807
www.orswell-kasman.com

The information provided herein is based upon research of public records listed on the "Reference to the Regulatory Agency Database" page of this report and not on a physical inspection of the property. By requesting this report, the client accepts the terms and conditions described on the "Response Notification Sheet" of this report. The client may want to obtain detailed subject property information from a qualified consultant or specialist to determine if any potential hazards exist on the property.

RESPONSE NOTIFICATION SHEET

This report is in conformance with the ASTM standard for a Phase I Environmental Site Assessment governernment records check

	No Sites Within Specified Radius	Property & Adjacent	¼ Mile Radius	½ Mile Radius	1 Mile Radius
National Priority List (NPL)	✓				
RCRA CORRACTS Facilities	✓				
CALSITES		✓			
CERCLIS			✓		
CERCLIS NFRAP				✓	
LUSTIS				✓	
Active / Inactive Landfills	✓				
Treatment, Storage & Disposal (TSD)	✓				
Institutional Controls / Engineering Controls	✓				
RWQCB Sites		✓			
Closed RWQCB Sites	✓				
Registered Underground Storage Tanks	✓				
Federal Hazardous Waste Generators		✓			
ERNS / NRC	✓				
Superfund Liens	✓				
Local Agency Records	✓				

Sites reported as "Case Closed" or "No Further Action" may not be listed in this report

OKI Report #: **P12260**
Completion Date: **9/28/12**

Property Information:

Multi-Tenant Commercial Property
135, 141 & 153 West Avenue 34
& 3401 & 3433 Pasadena Avenue
Los Angeles, CA 90031

Richard Veron

Richard D. Veron
ASTM Environmental Professional

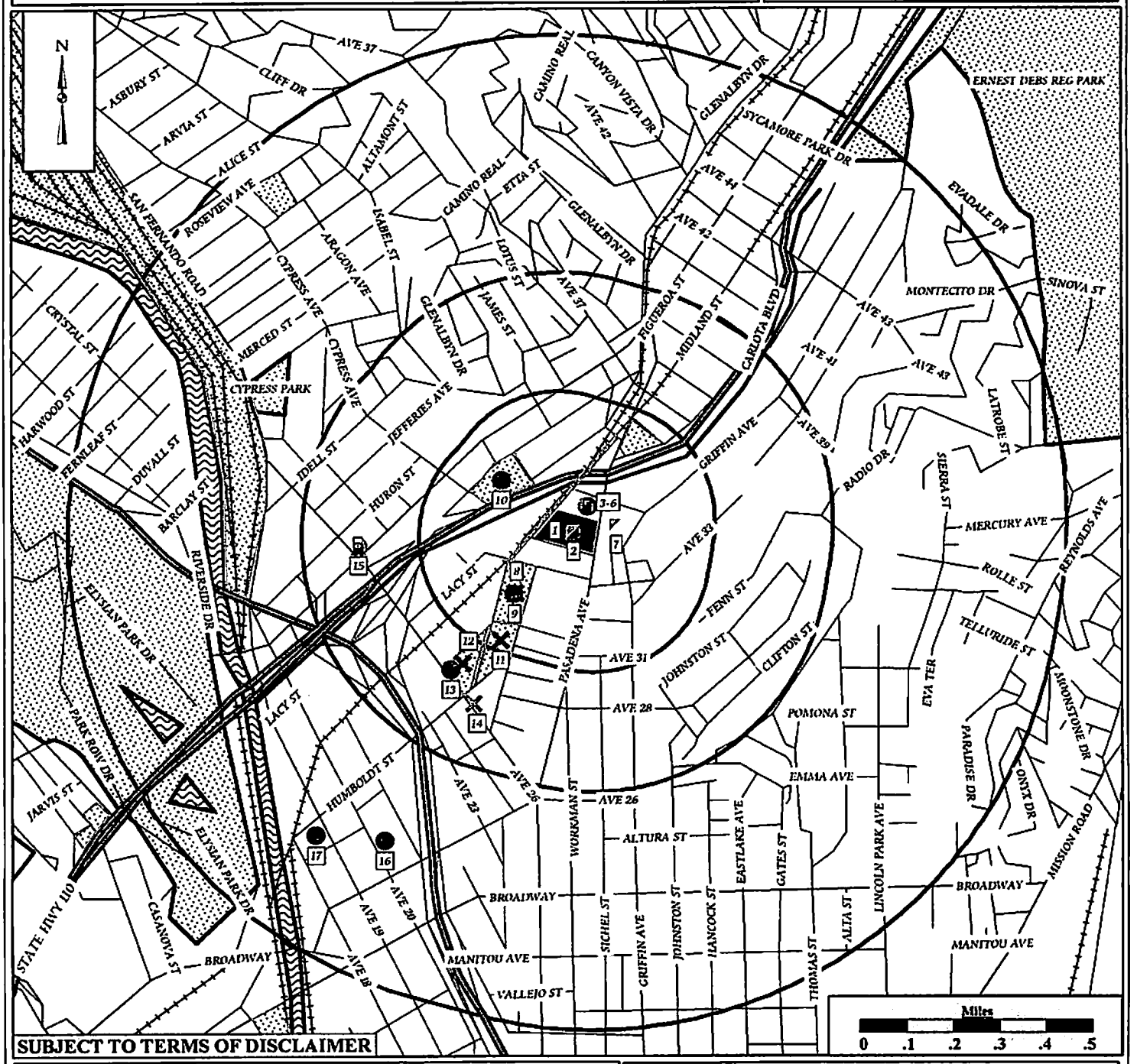
The information contained in this report is obtained from federal, state and other public sources. Orswell & Kasman, Inc. (OKI) does not make any guarantees, warranties or representations, whether expressed or implied, regarding the accuracy of such information, and shall not be held responsible in the event that any such inaccuracies are present. All liability for damages of any nature arising from any inaccuracy in the facts stated herein must be assumed by the client. OKI also advises the client that this report and information contained herein is intended solely for the use of the client or assignee with whom OKI has a contractual relationship. OKI makes no other warranty, express or implied, as to the conclusions and professional advice included in this report, and is not responsible for the independent conclusions, opinions or recommendations made by any other party or entity based whole or in part on the information provided in this records review.

Orswell & Kasman, Inc.
316 West Foothill Boulevard
Monrovia, CA 91016
(626) 932 - 1800 * Fax (626) 932 - 1807
www.orswell-kasman.com

Orswell & Kasman, Inc.

Environmental Assessments & Consulting

Subject Property Location:
135, 141 & 153 West Avenue 34 and
3401 & 3433 Pasadena Avenue
Los Angeles, CA 90031



SUBJECT TO TERMS OF DISCLAIMER

MAP LEGEND

- Areas of Contamination
- One Mile Radius
- Half Mile Radius
- Quarter Mile Radius
- Subject Property
- Military Installation
- Parks
- Water
- Railroads
- Roads
- Freeways

HAZARDOUS SITE SYMBOLS

- National Priority List
- RCRA Corrective Action
- CERCLIS
- CalSites
- Leaking Underground Storage Tanks
- Active / Inactive Landfills
- Treatment, Storage, & Disposal Facilities
- RWQCB Sites
- Closed RWQCB Sites
- Registered Underground Tanks
- Generators
- Emergency Response Notification System
- Superfund Liens
- CERCLIS - No Further Remedial Action Planned
- Oil Wells

For more information please contact us at (626) 932-1800 or www.orswell-kasman.com

Site Summary List

Please note that certain sites may appear on multiple databases
For more information on these sites, please see the accompanying pages

Subject Property Information:
Multi-Tenant Commercial Property
135, 141 & 153 West Avenue 34
& 3401 & 3433 Pasadena Avenue
Los Angeles, CA 90031

Site # 1	Case # CAD982351074	Source Database	
0.0065 miles from the subject property	Site **AMERICAN CASTER CORP** **141 W AVENUE 34** **LOS ANGELES, CA 90031**	**GEN**	[ ]
Site # 2	Case # CAR000206029	Source Database	
0.0074 miles from the subject property	Site **BAD TEACHER CONSTRUCTION WAREHOUSE** **3433 PASADENA AVE** **LOS ANGELES, CA 90031**	**GEN**	[ ]
Site # 3	Case # 60000636	Source Database	
0.0639 miles from the subject property	Site **Former Welch's Uniform Facility** **3505 Pasadena Avenue** **Los Angeles, CA 90031** 5205004010	**CALST**	[ ]
Site # 4	Case # CAD075309740	Source Database	
0.0659 miles from the subject property	Site **FORMER WELCHS UNIFORM SITE** **3505 PASADENA AVENUE** **LOS ANGELES, CA 90031**	**GEN**	[ ]
Site # 5	Case # SL2044P1598	Source Database	
0.0663 miles from the subject property	Site **WELCHS UNIFORM RENTAL SITE (FORMER)** **3505 PASADENA AVE** **LOS ANGELES, CA**	**RWQCB**	[ ]
Site # 6	Case # T0603700785	Source Database	
0.0705 miles from the subject property	Site **WELCH'S UNIFORM RENTAL(FORMER)** **3505 PASADENA AVE** **LOS ANGELES, CA 90031** 4363-001-902	**RWQCB** 632 B2	[X]
Site # 7	Case # CAD981624901	Source Database	
0.0996 miles from the subject property	Site **LA USD HILLSIDE EL** **120 E AVE 35** **LOS ANGELES, CA 90031**	**GEN**	[ ]
Site # 8	Case # CA0000113175	Source Database	
0.1745 miles from the subject property	Site **KENNINGTON LTD. (ITT CANNON)** **3209 HUMBOLDT ST.** **LOS ANGELES, CA 90031**	**CERCLIS**	[X]
Site # 9	Case # 19340739	Source Database	
0.1782 miles from the subject property	Site **KENNINGTON** **3209 HUMBOLDT STREET** **LOS ANGELES, CA 90031** LAND USE COVENANT	**CALST** 595 A6	[ ]
Site # 10	Case # 19820057	Source Database	
0.1823 miles from the subject property	Site **LORETO STREET ELEMENTARY SCHOOL ADDITION** **3408 Arroyo Seco Avenue** **Los Angeles, CA 90065** 5446-019-901 & 5446-024-900	**CALST** 595 A6	[MJ]
Site # 11	Case # CAD983657529	Source Database	
0.2734 miles from the subject property	Site **NI WEST INCORPORATED** **3011 HUMBOLDT STREET** **LOS ANGELES, CA 90031**	**CERCLIS**	[X]

Site Summary List

Please note that certain sites may appear on multiple databases
For more information on these sites, please see the accompanying pages

Subject Property Information:
Multi-Tenant Commercial Property
135, 141 & 153 West Avenue 34
& 3401 & 3433 Pasadena Avenue
Los Angeles, CA 90031

Site # 12	Case # CAD983578667	Source Database
0.3612 miles from the subject property	Site **JAYBEE AJAX MANUFACTURING** **301 WEST AVENUE 26** **LOS ANGELES, CA 90031**	**CERCLIS** 595 A7 [X]
Site # 13	Case # 19490238	Source Database
0.3884 miles from the subject property	Site **JAYBEE SITE AT LINCOLN HEIGHTS - LA DWP** **301 WEST AVENUE 26** **LOS ANGELES, CA 90031** 5205-009-900	**CALST** 594 J7 [ ]
Site # 14	Case # CAD980636195	Source Database
0.4168 miles from the subject property	Site **BARON MFG** **241 AVE 26** **LOS ANGELES, CA 90031**	**NFRAP** [ ]
Site # 15	Case # T0603701195	Source Database
0.4558 miles from the subject property	Site **CHEVRON #9-3707** **2601 N FIGUEROA ST** **LOS ANGELES, CA 90065** 5446-010-025 & 026	**LUSTIS** 594 J6 [MJ]
Site # 16	Case # 19360528	Source Database
0.7615 miles from the subject property	Site **VICTOR INDUSTRIAL BATTERY** **138 N SAN FERNANDO RD** **LOS ANGELES, CA 90031** 5447-017-004	**CALST** 594 J7 [JO]
Site # 17	Case # 80001108	Source Database
0.8385 miles from the subject property	Site **NATIONAL AIRCRAFT EQUIPMENT CO.** **Figueroa St in Elysian Park** **Los Angeles, CA 90012**	**CALST** 594 H7 [ ]

GENERATORS

Case Number: **CAD982351074**

Site: **AMERICAN CASTER CORP**
141 W AVENUE 34
LOS ANGELES CA 90031

Site # 1 *0.0065 miles from the Subject Property*

Generator Type SQG
Small Quantity Hazardous Waste Generator

Handler IS a Transporter

Case Number: **CAR000206029**

Site: **BAD TEACHER CONSTRUCTION WAREHOUSE**
3433 PASADENA AVE
LOS ANGELES CA 90031

Site # 2 *0.0074 miles from the Subject Property*

Generator Type SQG
Small Quantity Hazardous Waste Generator

Handler IS NOT a Transporter

Case Number: **CAD075309740**

Site: **FORMER WELCHS UNIFORM SITE**
3505 PASADENA AVENUE
LOS ANGELES CA 90031

Site # 4 *0.0659 miles from the Subject Property*

Generator Type LQG
Large Quantity Hazardous Waste Generator

Handler IS NOT a Transporter

Case Number: **CAD981624901**

Site: **LA USD HILLSIDE EL**
120 E AVE 35
LOS ANGELES CA 90031

Site # 7 *0.0996 miles from the Subject Property*

Generator Type SQG
Small Quantity Hazardous Waste Generator

Handler IS NOT a Transporter

CalSites

California Sites - Formerly Bond Expenditure Plan (BEP) & Abandoned Site Program Information System (ASPIS)

Case Number: **60000636**

Site: **Former Welch's Uniform Facility**
3505 Pasadena Avenue
Los Angeles, CA 90031

On NPL? NO 2.6 Acres

Lead Agency: SMBRP

Agencies Involved: SMBRP

Funding: Responsible Party

Past Uses: LAUNDRY SERVICES

Status: **Active** Date: **2007-05-25**

Site Type: Voluntary Cleanup-Voluntary Cleanup

Special Program: Voluntary Cleanup Program

Potential Media Affected: OTH, SOIL, SV

Confirmed COCs: 30027

Potential COCs: 30027

Is Use Restricted?: NO

Site Management: NONE SPECIFIED

Site # 3 0.0639 miles from the Subject Property

Case Number: **19340739**

Site: **KENNINGTON**
3209 HUMBOLDT STREET
LOS ANGELES, CA 90031 595 A6

On NPL? NO 3.75 Acres

Lead Agency: SMBRP

Agencies Involved: SMBRP

Funding: Responsible Party

Past Uses: BATTERY MANUFACTURING, MANUFACTURING - ELECTRONIC

Status: **Active** Date: **1996-04-18**

Site Type: Voluntary Cleanup-Voluntary Cleanup

Special Program: Voluntary Cleanup Program

Potential Media Affected: OTH, SOIL

Confirmed COCs: 30018,30022,30027,30013

Potential COCs: 30013, 30018, 30022, 30027

Is Use Restricted?: YES

Site Management: REM, DAY, ELD, HOS, LUC, FEN, MON, EX, GW, NUSE, NDEV

Site # 9 0.1782 miles from the Subject Property

Case Number: **19820057**

Site: **LORETO STREET ELEMENTARY SCHOOL ADDITION**
3408 Arroyo Seco Avenue
Los Angeles, CA 90065 595 A6 MJ

On NPL? NO 0 Acres

Lead Agency: SMBRP

Agencies Involved: SMBRP

Funding: School District

Past Uses: * EDUCATIONAL SERVICES

Status: **Inactive - Needs Evaluation** Date: **2006-09-20**

Site Type: School-School Investigation

Special Program:

Potential Media Affected: NMA

Confirmed COCs: NONE SPECIFIED

Potential COCs: NONE SPECIFIED,31000

Is Use Restricted?: NO

Site Management: NONE SPECIFIED

Site # 10 0.1823 miles from the Subject Property

Case Number: **19490238**

Site: **JAYBEE SITE AT LINCOLN HEIGHTS - LA DWP**
301 WEST AVENUE 26
LOS ANGELES, CA 90031 594 J7

On NPL? NO 3.4 Acres

Lead Agency: SMBRP

Agencies Involved: SMBRP

Funding: Responsible Party

Past Uses: MANUFACTURING - OTHER

Status: **Active** Date: **2004-04-07**

Site Type: Voluntary Cleanup-Voluntary Cleanup

Special Program: Voluntary Cleanup Program

Potential Media Affected: OTH, SOIL

Confirmed COCs: 30484,30550,30019,30022,30024,30025,30027,30193,30013, 30593

Potential COCs: 30013, 30019, 30022, 30024, 30025, 30027, 30193, 30484, 30550, 30593

Is Use Restricted?: NO

Site Management: NONE SPECIFIED

Site # 13 0.3884 miles from the Subject Property

CalSites

California Sites - Formerly Bond Expenditure Plan (BEP) & Abandoned Site Program Information System (ASPIS)

Case Number: **19360528**

Site: **VICTOR INDUSTRIAL BATTERY**
138 N SAN FERNANDO RD
LOS ANGELES, CA 90031 594 J7 JO

On NPL? NO 0.1 Acres

Lead Agency: NONE SPECIFIED

Agencies Involved: NONE SPECIFIED

Funding: Responsible Party

Past Uses: BATTERY RECLAMATION

Status: **Certified O&M - Land Use Restrictions O** Date: **1995-03-29**

Site Type: Voluntary Cleanup-Voluntary Cleanup

Special Program: Voluntary Cleanup Program

Potential Media Affected: SOIL, SV

Confirmed COCs: NONE SPECIFIED

Potential COCs: 10015, 10097, 10119, 10120, 10124, 10193, 10194, 20001, 20009, 20011, 20013, 20024, 30013

Is Use Restricted?: YES

Site Management: NONE SPECIFIED

Site # 16 0.7615 miles from the Subject Property

Case Number: **80001108**

Site: **NATIONAL AIRCRAFT EQUIPMENT CO.**
Figueroa St in Elysian Park
Los Angeles, CA 90012 594 H7

On NPL? NO

Lead Agency: NONE SPECIFIED

Agencies Involved: SMBRP

Funding: DERA

Past Uses: NONE SPECIFIED

Status: **Inactive - Needs Evaluation** Date: **2005-07-01**

Site Type: FUDS-Military Evaluation

Special Program:

Potential Media Affected: NONE SPECIFIED

Confirmed COCs: NONE SPECIFIED

Potential COCs: NONE SPECIFIED

Is Use Restricted?: NO

Site Management: NONE SPECIFIED

Site # 17 0.8385 miles from the Subject Property

ORSWELL & KASMAN, INC.

316 West Foothill Boulevard ■ Monrovia, CA 91016
(626) 932-1800 ■ FAX (626) 932-1807 ■ www.orswell-kasman.com

PHASE I ENVIRONMENTAL SITE ASSESSMENT UPDATE REPORT

Multi-Tenant Commercial Property
135, 141 & 153 West Avenue 34 and
3401 & 3433 Pasadena Avenue
Los Angeles, California 90031

April 28, 2015

CLIENT:
Mr. Andy Meyers
Shangri-La Industries
550 South Hope Street, Suite 700
Los Angeles, CA 90071

PREPARED FOR:
Mr. Andy Meyers
Shangri-La Industries

PROJECT NUMBER:
T15024

PREPARED BY:

James Robert Orswell
ASTM Environmental Professional

REVIEWED BY:

Martin A. Kasman
Project Manager

This report was prepared in conformance to meet or exceed the scope and limitations as set forth by the American Society for Testing & Materials (ASTM) Standard Practice E 1528-06. It is for the express use of the client, and its contents are considered to be privileged and confidential. Acceptance of this report constitutes an agreement by the client to assume full liability for information contained herein. This report is for the sole use and interpretation of the client, and it is not to be reproduced or distributed to outside parties. The information in this report is furnished in good faith and was obtained from sources and databases considered to be reliable; however, the accuracy of the information cannot be guaranteed. We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professionals as defined in §312.10 of 40 CFR 312. We have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed the all appropriate inquires in conformance with the standards and practices set forth in 40 CFR Part 312.

This report is limited to an inspection of the property and the surrounding area, an interview with the current owner or occupant of the building, and a review of records and documents published by federal, state and local government regulatory agencies. The purpose of the environmental site assessment transaction screen is to identify *potential environmental concerns*.

SITE INSPECTION

Site and Vicinity Characteristics

The site consists of five industrial buildings with paved parking and storage areas, located in a mixed industrial, commercial and residential area of Los Angeles (Lincoln Heights District), California.

Descriptions of Structures and
Other Site Improvements

On April 17, 2015, an inspection of the subject property and surrounding area was conducted by ASTM Environmental Professional James Robert Orswell. The subject property consists of five separate, single-story industrial buildings, which are described as follows:

3401 Pasadena Avenue

On the east side of the subject property is a single-story wood-frame, masonry brick and concrete-block industrial building (see photos #1 and #2) which is currently occupied by Loot Crate, an online computer gaming service. The building is divided into an office area and a work area. Inside, the building has an open wood beam ceiling and an exposed concrete floor (see photos #3 and #4). A storage mezzanine is located above the offices (see photo #5) and is accessed via a stairwell. There is no elevator in the building. The heating, ventilation and air conditioning (HVAC) system for the building appears to be mounted on the roof.

In the southeast corner of the site is a single-story corrugated steel industrial building (see photos #6 and #7) which is currently occupied by The Submission Factory, a gym. The business was closed and the interior of the building was not available for inspection. No HVAC system was observed for the building.

3433 Pasadena Avenue

In the northeast corner of the subject property is a single-story, steel and wood-frame with masonry brick and concrete-block industrial building (see photos #8 and #9) which is also occupied by Loot Crate. The building is divided into an office area and a work area. Inside, the office ceilings are covered with suspended-grid acoustic tile and the floors are covered with vinyl tile. The work area has an open steel and wood beam ceiling and an exposed concrete floor which is partially covered with carpeting (see photo #10). A sign on the exterior of the building indicates the building was previously occupied by a die and metal stamping business. The HVAC system for the building appears to be mounted on the roof.

135 and 141 West Avenue 34

In the northwest corner of the site is a concrete tilt-up industrial building (see photos #11, #12 and #13) which is primarily occupied by Ortiz Bros. Moving and Storage & Atlas Van Lines, a moving business. The building is divided into two separate units, and each unit is divided into an office area and a warehouse area. Inside, the office ceilings are covered with suspended-grid acoustic tile and the floors are covered with vinyl tile or carpeting (see photo #14). The warehouses have open wood beam ceilings and exposed concrete floors (see photos #15 and #16). The 141 Avenue 34 warehouse area is used to store customers' personal belongings, and no hazardous materials are stored inside the warehouse area. There are several loading docks on the east side of the building. The 135 Avenue 34 unit is currently vacant and unoccupied (see photos #17, #18 and #19), and the unit was most recently occupied by Ortiz Bros. Moving & Storage. The HVAC system for the building appears to be mounted on the roof and side of the building.

153 West Avenue 34

In the southwest corner of the subject property is a single-story masonry brick and corrugated steel industrial building (see photos #20 and #21) which is currently occupied by Ortiz Bros. Moving, and is used to store non-hazardous items. The building was locked and access to the interior of the building was not available for inspection. The HVAC system appears to be mounted on the roof of the building.

Outside, between the buildings are asphalt-paved parking and open storage areas (see photos #22 and #23). On the west side of the subject property is another large asphalt-paved open storage area (see photos #24 and #25). A wastewater clarifier is located on the north side of the 153 Avenue 34 building. A storage canopy is also located in the southwest storage yard area (see photo #26). No large quantities of hazardous materials were observed to be stored or used at the site, and no hazardous wastes are generated by the business activities. No manufacturing activities take place at the site. Commercial trash bins are located in the paved parking and storage areas (see photos #27, #28 and #29), and no signs of improper solid waste disposal were observed in or around the trash bins. The electrical power in the area is supplied by overhead utility lines located along Pasadena Avenue and Avenue 34. Overhead power lines with pole-mounted electrical transformers also bisect the subject property from north to south (see photo #30). A ground-mounted electrical transformer is located on the west side of the 141 Avenue 34 building. No signs were observed on the ground-mounted or pole-mounted electrical transformers indicating the presence of polychlorinated biphenyls (PCBs). No signs of illegal dumping or distressed vegetation were observed on the property. There was no evidence of underground storage tanks, septic tanks or wells on the property, and there was no indication of obvious contamination on the site.

Current Uses of the Adjoining Properties

Northern Border

North of the subject property is a vacant lot (see photos #31 and #32). There are several piezometers and monitoring wells located on the site. The property is identified by the State of California Environmental Protection Agency (CAL-EPA) Department of Toxic Substances Control (DTSC) as an active hazardous waste site and by the State of California Regional Water Quality Control Board (RWQCB) as having two open RWQCB Cleanup Program sites. It appears that the property is in the process of undergoing remediation. There were no visible signs of spills or obvious contamination on the adjacent property.

Eastern Border

East of the subject property is Pasadena Avenue, and further east is Hillside Elementary School (see photo #33), an apartment complex (see photo #34) and several residences (see photo #35). There were no visible signs of spills or contamination on the adjacent properties.

Southern Border

South of the subject property is Avenue 34. Located at the western terminus of Avenue 34 are two groundwater monitoring wells (see photo #36). The wells are currently monitoring the groundwater contamination in the area from the former Welch's Uniform facility located further north. South of Avenue 34 are several residences (see photos #37 and #38), an unidentified commercial property (see photo #39), a parking lot (see photo #40), an unidentified water distribution business (see photo #41) and five commercial buildings which are occupied by VGA Apparel; an unidentified screen printing business; and several other unidentified tenants (see photos #42, #43 and #44). There were no visible signs of spills or contamination on the adjacent properties.

Western Border

West of the subject property is a light-rail right-of-way (see photo #45), and further west is an unidentified industrial building and a large parking lot (see photo #46). Although the adjacent property to the west (Metro Rail Pasadena Blue Line between Avenue 33 and French Avenue) is identified by the Department of Toxic Substances Control (DTSC) as a hazardous waste site that has been referred to the Regional Water Quality Control Board for oversight, there were no visible signs of spills, contamination or remedial efforts on the adjacent properties.

INTERVIEW WITH OWNER/OCCUPANT

Mr. Eric Ortiz, the property owner and owner of Ortiz Bros. Moving and Storage, advised he purchased the subject property in 2000, and he has occupied the site since 1993. He said the buildings have been previously used for warehousing, distribution, office space, a gym and a prop designer. Mr. Ortiz stated the 153 Avenue 43 building is used for storage of non-hazardous

items. He said the 141 Avenue 34 building is currently occupied by Ortiz Bros. Moving, and is used to store customer's non-hazardous personal items. Mr. Ortiz advised there is a closed and abandoned wastewater clarifier located between the 141 Avenue 34 and 153 Avenue 34 buildings. Mr. Ortiz said the 135 Avenue 34 unit is currently vacant and unoccupied, and was most recently occupied by Ortiz Bros. Moving. He advised the 3401 Pasadena Avenue property consists of two separate buildings. One of the buildings is occupied by Loot Crate, an online computer gaming service; and the other building is occupied by The Submission Factory, a gym. Mr. Ortiz stated the 3433 Pasadena Avenue is also occupied by Loot Crate. He said no large quantities of hazardous materials are stored or used at the site, and no hazardous wastes are generated by the business activities. No heavy manufacturing activities take place at the site. Mr. Ortiz said the property to the north was previously occupied by Welch's Uniform Facility and the State of California has been conducting activities at the site for over a decade. Mr. Ortiz said he is unaware of the two groundwater monitoring wells located near the southwest corner of the site, and has no information about the remedial efforts of the nearby site. Mr. Ortiz advised to the best of his knowledge, there are no underground storage tanks, septic tanks or wells on the site, and he is not aware of any other chemical spills or contamination problems. Additional details concerning the site are presented in the completed Transaction Screen Questionnaire, which is attached to this report.

REVIEW OF GOVERNMENT RECORDS

United States Environmental Protection Agency (USEPA)
National Priorities List

The National Priorities List (NPL) identifies abandoned or uncontrolled hazardous waste sites which have been identified as possibly representing a long-term threat to the public health or environment. These sites have been identified as being highly contaminated with hazardous substances and represent the USEPA's target enforcement and cleanup efforts. Studies of individual sites are conducted by the USEPA to determine level of contamination, and the sites are then compared and ranked to other sites on the NPL.

A review of the USEPA National Priorities List dated December 2012 indicates there are no proposed, final or delisted sites within one mile of the subject property.

United States Environmental Protection Agency (USEPA)
Federal Superfund Liens List

The USEPA maintains a list of Superfund Lien sites that have been issued on properties throughout the United States. These sites have been remediated through the expenditures of Superfund monies; the purpose of the lien is to prevent the property owner from gaining a financial benefit from the federal government's cleanup and restoration activities.

A review of the July 2011 Federal Superfund List revealed there are no Superfund Liens on or adjacent to the site.

United States Environmental Protection Agency (USEPA)
Comprehensive Environmental Response, Compensation
and Liability Information System (CERCLIS)

The USEPA has developed a database known as CERCLIS which contains information on potential hazardous waste sites located throughout the United States. There are over 33,000 sites on the CERCLIS inventory. All sites are subjected to a preliminary assessment and thereafter are either placed on the National Priority List (NPL) or are placed in a category for those sites requiring no further Federal Superfund action.

A review of the December 2012 CERCLIS report indicates there are three CERCLIS sites within a ½ mile radius of the subject property:

Kennington Ltd. (ITT Cannon) (#1 on map)
3209 Humboldt Street
Los Angeles, CA 90031

This site investigation was opened in February 1994. A preliminary assessment was completed in August 2001, and a site reassessment was completed in May 2006. According to the records, no further remedial actions have been reported for this site. Due to the distance, it is unlikely any contaminants from this site will have a significant impact on the subject property.

NI West Incorporated (#2 on map)
3011 Humboldt Street
Los Angeles, CA 90031

This site investigation was opened in January 1993. A combined preliminary assessment and site assessment was completed in September 2005. According to the records, no further remedial actions have been reported for this site. Due to the distance, it is unlikely any contaminants from this site will have a significant impact on the subject property.

Jaybee Ajax Manufacturing (#3 on map)
301 West Avenue 26
Los Angeles, CA 90031

This site investigation was opened in March 2000, and preliminary assessments were started in October 2002 and in July 2007. According to the records, no further remedial actions have been reported for this site. Due to the distance, it is unlikely any contaminants from this site will have a significant impact on the subject property.

There is one listed "No Further Required Action Planned" (NFRAP) site identified within a ½ mile radius:

Baron Manufacturing (#4 on map)
241 Avenue 26
Los Angeles, CA 90031

This site investigation was opened in June 1981, and a preliminary assessment was completed in September 1984. The investigation concluded that the facility does not qualify for the NPL and no further required actions are planned for this site. It is unlikely any contaminants from this closed site will have a significant impact on the subject property.

United States Environmental Protection Agency (USEPA)
Resource Conservation and Recovery Act (RCRA)
Treatment, Storage or Disposal Facilities (TSDF)

The USEPA maintains a list of facilities which have been authorized to receive hazardous waste. These facilities have permits to treat, store, or dispose of the waste, as determined by the RCRA regulations. In addition, the USEPA publishes a list of those facilities that are subject to a corrective action, based on the facilities waste handling and storage procedures. The facilities which are subject to a corrective action are identified as CORRACTS sites.

A review of the November 2013 RCRA TSDF list determined there are no known CORRACTS facilities within a one mile radius of the subject property. In addition, there are no non-CORRACTS TSD facilities listed within a ½ mile radius.

United States Environmental Protection Agency (USEPA)
Resource Conservation and Recovery Act (RCRA)
Hazardous Waste Generators

The USEPA maintains a list of facilities which are identified as generators of large and small quantities of hazardous waste. These facilities have permits to generate, store and dispose of the waste, as determined by the RCRA regulations.

A review of the November 2013 RCRA Hazardous Waste Generators list determined the subject property (American Caster Corporation, 141 West Avenue 34) is identified as a small quantity hazardous waste generator. In addition, there are records of a large quantity hazardous waste generator identified on the adjacent property to the north (Former Welch's Uniform Site, 3505 Pasadena Avenue), and a small quantity hazardous waste generator to the east (Los Angeles Unified School District Hillside Elementary, 120 East Avenue 35).

United States Environmental Protection Agency (USEPA)
Office of Emergency and Remedial Response
Emergency Response Notification System (ERNS)

The USEPA maintains a list of locations which have reported a release of oil or hazardous substances to the federal government. Most of the data in this system is based on information that was received during the initial notification.

A review of the ERNS list for 1999 determined there are no reported incidents identified on the subject property.

United States Department of Transportation
United States Coast Guard
National Response Center (NRC)

The NRC is the national point of contact for reporting all oil, chemical, radiological, biological and etiological discharges into the environment anywhere in the United States and its territories. In addition to gathering and distributing spill data for Federal On-Scene Coordinators and serving as the communications and operations center for the National Response Team, the NRC maintains agreements with a variety of federal entities to make additional notifications regarding incidents meeting established trigger criteria.

A review of the NRC list for 2012 determined there are no reported incidents on the subject property.

United States Environmental Protection Agency (USEPA)
Institutional Control / Engineering Control Registries

The USEPA maintains a list of institutional and engineering controls for the purpose of tracking sites that may contain residual contamination or have activity and use limitations. Engineering controls are engineering measures designed to minimize the potential for human exposure to contamination by either limiting direct contact with contaminated areas or controlling migration of contaminants. Institutional controls are non-engineering controls used to restrict land use or land access in order to protect people and the environment from exposure to hazardous substances remaining at the site or facility.

A review of the September 2006 USEPA Institutional Control / Engineering Control Registry did not identify the subject property as having institutional or engineering controls.

State of California
Environmental Protection Agency (CAL-EPA)
Department of Toxic Substances Control (DTSC)

CAL-EPA is responsible for the regulation and enforcement of environmental health laws within the state of California, as set forth by the California Health and Safety Code. CAL-EPA is also designated by the USEPA to assist in enforcing federal environmental laws. CAL-EPA regulates companies involved in the generation, transportation, storage and disposal of hazardous substances. CAL-EPA records include the "CalSites" database, which is a listing of over 7,700 known active, inactive and abandoned hazardous waste sites. These sites have previously been reported in the Abandoned Site Program Information System (ASPIS), Bond Expenditure Plan (BEP), and Cortese databases. CAL-EPA records also include a listing of the California Integrated Waste Management Board's "Active" and "Closed and Inactive" landfills database.

A review of the October 2013 CAL-EPA records determined the adjacent property to the west (Metro Rail Pasadena Blue Line between Avenue 33 and French Avenue) is identified as a hazardous waste site that was referred to the Regional Water Quality Control Board for oversight on December 27, 2001. According to the records, the site has had no known uses other than train traffic, and analytical test results indicated high concentrations of lead, polychlorinated bi phenyls (PCBs), tetrachloroethane (PCE) and trichloroethylene (TCE) contamination in the soil and groundwater beneath the right-of-way. No further information is available at this time. In addition, there are five listed "CalSite" facilities within one mile of the subject property:

Kennington (#1 on map)
3209 Humboldt Street
Los Angeles, CA 90031

This site was placed in "Active" status in July 2013. According to the records, the soil is contaminated with polychlorinated biphenyls (PCBs), tetrachloroethylene (PCE), and other chemicals. A site investigation or remediation of the site is currently in progress. Due to the distance, it is unlikely any contaminants from this site will have a significant impact on the subject property.

Jaybee Site at Lincoln Heights (#3 on map)
301 West Avenue 26
Los Angeles, CA 90031

This site was placed in "Active" status in April 2004. According to the records, the soil is contaminated with naphthalene, toluene, and other chemicals. A site investigation or remediation of the site is currently in progress. Due to the distance, it is unlikely any contaminants from this site will have a significant impact on the subject property.

Former Welch's Uniform Facility (#5 on map)
3505 Pasadena Avenue
Los Angeles, CA 90031

This site was placed in "Active" status in May 2007. According to the records, the soil is contaminated with trichloroethylene (TCE). A site investigation or remediation of the site is currently in progress. The 2.6 acre site was previously occupied by Welch's Uniform, a commercial linen and apparel laundering and delivery service. The former business operated at the site from the 1920s throughout 1988. TCE was first discovered at the site in 1988 when vapor extraction wells were first installed on the property. Several follow-up investigations have been completed at the site which included soil sampling, soil vapor sampling, the installation of 14 groundwater monitoring wells, the installation of seven soil vapor wells and semi-annual soil and soil vapor monitoring. In 1993, the buildings at the former Welch's Uniform Facility were demolished and removed from the site. In 2007, the Department of Toxic Substances Control

(DTSC) began overseeing the site investigations, monitoring and clean-up efforts at the site. Previous environmental studies conducted at the site indicate the soil and groundwater beneath the facility was contaminated with volatile organic compounds (VOCs) and petroleum based hydrocarbon cleaning solvents including tetrachloroethene (PCE) and TCE.
The current owner (AmeriPride Services Inc.) and the DTSC entered into a voluntary agreement to clean up the site. In 2013, a soil vapor extraction (SVE) system and 32 SVE wells were installed at the site to remediate the PCE and TCE contamination. The SVE system is scheduled to operate at the site until contamination levels are reached which do not pose a significant risk to human health and the environment.

Victor Industrial Battery (#6 on map)
138 North San Fernando Road
Los Angeles, CA 90031

This site was placed in "Certified Operation and Maintenance – Land Use Restrictions" status in March 1995. According to the records, the soil is potentially contaminated with liquids with PH<=2, acid solution 2>PH with metals, and other chemicals. Properties with Land Use Restrictions have limits on future property uses required by DTSC due to residual levels of contamination or the type of cleanup actions conducted. Due to the distance, it is unlikely any contaminants from this site will have a significant impact on the subject property.

National Aircraft Equipment Co. (#7 on map)
275 North Avenue 19
Los Angeles, CA 90031

This site was placed in "Inactive - Needs Evaluation" status in July 2005. DTSC has determined that a Preliminary Endangerment Assessment or other evaluation is required. Due to the distance, it is unlikely any contaminants from this site will have a significant impact on the subject property.

There are no active, closed or inactive landfill sites within a ½ mile radius of the subject property.

State of California
Environmental Protection Agency (CAL-EPA)
Department of Toxic Substances Control (DTSC)
Land Use Covenants

CAL-EPA/DTSC utilizes Land Use Covenants (LUCs) to protect the public from unsafe exposures to residual contamination that is left in place after site remediation activities have been completed. The LUC imposes limitations on land use when hazardous materials, wastes, or substances remain on the property at levels which are not suitable for unrestricted use of the land. The LUC includes easements, servitudes, covenants, and restrictions which run with the

land and continue into perpetuity unless modified or terminated in accordance with applicable law. All LUCs are signed by the DTSC and the landowner, and recorded in the county where the land is located.

A review of the October 2013 DTSC database records did not identify any deed restrictions on the subject property.

State of California
Water Resources Control Board
Regional Water Quality Control Board (RWQCB)
Land Use Covenants

RWQCB utilizes Land Use Covenants (LUCs) to protect the public from unsafe exposures to residual contamination that is left in place after site remediation activities have been completed. The LUC imposes limitations on land use when hazardous materials, wastes, or substances remain on the property at levels which are not suitable for unrestricted use of the land. The LUC includes easements, servitudes, covenants, and restrictions which run with the land and continue into perpetuity unless modified or terminated in accordance with applicable law. All LUCs are signed by the RWQCB and the landowner, and recorded in the county where the land is located.

A review of the November 2014 RWQCB database records did not identify any deed restrictions on the subject property.

State of California
Water Resources Control Board
Regional Water Quality Control Board (RWQCB)

The RWQCB is responsible for monitoring the quality and flow of groundwater, and they address other potential threats to the groundwater from surface spills and leaks. The RWQCB monitors the contamination problem, the investigation and any remedial action. Their database information includes active and closed Cleanup Program Sites, Land Disposal Sites, Leaking Underground Storage Tank (LUST) Sites, Military Cleanup Sites, Military Privatized Sites, Military Underground Storage Tank Sites and registered underground storage tank sites (RWQCB sites) within the State of California.

A review of the November 2014 RWQCB records determined the subject property is not listed as a known RWQCB site. There are also no known open RWQCB LUST sites within a ½ mile radius of the subject property. According to the records, there are three active non-LUST RWQCB Cleanup sites within a ½ mile radius of the subject property:

Cannon Electrical (#1 on map)
3209 Humbolt Avenue
Los Angeles, CA 90031

According to the records, the site is identified as an open Cleanup Program Site that is currently inactive. No information on potential contaminants has been reported. Due to the distance, it is unlikely any contaminants from this site will have a significant impact on the subject property.

Former Welch's Uniform Rental Site (#5 on map)
3505 Pasadena Avenue
Los Angeles, CA 90031

This case was first opened in December 1987, and the site is identified as an open Cleanup Program Site that is currently inactive. According to the records, the groundwater is potentially contaminated with solvents and non-petroleum hydrocarbons. A second case was opened in December 1998, and the site is identified as an open Cleanup Program Site that is undergoing a site assessment. According to the records, the site is potentially contaminated with petroleum, unidentified fuels, oil and volatile organic compounds (VOCs). Both of the cases were transferred to the Department of Toxic Substances Control (DTSC) for oversight on December 18, 2006.

Lacy's Street Dump (#8 on map)
Los Angeles, CA 90031

According to the records, the site is identified as an open Land Disposal Site that is currently inactive. No information on potential contaminants has been reported. Due to the distance, it is unlikely any contaminants from this site will have a significant impact on the subject property.

There are no records of registered underground storage tanks on the subject property; however, there are historical records of an underground storage tank on the adjacent property to the north (3505 Pasadena Avenue).

South Coast Air Quality
Management District (AQMD)

The AQMD is responsible for the development and enforcement of regulations concerning air emissions and airborne hazards from stationary sources in the South Coast Air Basin. AQMD maintains a "Hot Spot" list of facilities whose air emissions pose as a risk to the surrounding community. In addition, the AQMD Facility INformation Detail (FIND) database provides public information about facilities in the AQMD basin.

A review of the AQMD records determined there are no "Hot Spot" facilities identified on or adjacent to the subject property. According to the FIND database, the subject property (Bob Baker Productions, 3401 Pasadena Avenue) is identified as having inactive permits for a paint and solvent spray booth.

Los Angeles County
Department of Public Works
Waste Management Division (DPW/WMD)

DPW/WMD maintains maps showing the locations of active, inactive or future solid waste landfill sites in Los Angeles County.

A review of DPW's major waste systems map determined there are two landfill sites within a ½ mile radius of the subject property:

Los Angeles City (Lacy Street) (#8 on map)
400 Avenue 26
Los Angeles, CA 90031

According to the records, this site is listed as an inactive, Class II (municipal waste) landfill. Due to the distance, it is unlikely any contaminants from this site will have a significant impact on the subject property.

Unnamed Site (#9 on map)
Avenue 26 and Figueroa Street
Los Angeles, CA 90031

According to the records, this site is listed as an inactive, Class II (municipal waste) landfill. Due to the distance, it is unlikely any contaminants from this site will have a significant impact on the subject property.

Los Angeles County
Fire Department (LACOFD)
Health Hazardous Materials Division

LACOFD maintains inspection and inventory records of companies involved in the storage and use of hazardous materials, petrochemicals, or hazardous waste. LACOFD attempts to maintain a current record of the types of hazardous substances that are utilized or stored at a particular site, and conducts periodic inspections for safety and compliance. In addition, LACOFD maintains records concerning hazardous material sites in Los Angeles County, which are reported to LACOFD by various regulatory agencies. Upon receiving the report, LACOFD monitors the cleanup process on the contaminated site.

According to the LACOFD files, there are no records of hazardous material handlers or hazardous waste generators for the subject or adjacent properties. A review of the Active Mitigation Complaint Control Logs determined there are no listed sites on or adjacent to the subject property.

City of Los Angeles
Fire Department (LAFD)

LAFD maintains inspection and inventory records of companies involved in the storage and use of hazardous materials or petrochemicals. LAFD attempts to maintain a current record of the types of materials that are utilized at a particular site, and conducts periodic inspections for safety and compliance. LAFD also maintains records on underground storage tanks, issues installation and removal permits, and monitors the contamination cleanup process.

A review of the LAFD files determined there are no records of underground storage tanks or current hazardous materials inventories for the subject property.

According to the LAFD files for 3505 Pasadena Avenue, which is the adjacent property to the north, the records revealed the site was previously occupied by Welch's Uniform, a commercial laundering business. In 1987, Welch's Uniform applied for a permit to remove a 2,000-gallon underground diesel fuel tank. Soil sampling beneath the tank revealed significant Total Petroleum Hydrocarbon as gasoline (TPH-g) contamination (8,600 ppm). The groundwater beneath the site was determined to be about 35 feet below the ground surface, and the groundwater flows away from the subject property in a west-northwest direction. In February 1988, Welch's Uniform applied for a permit to abandon five underground storage tanks in-place, and in December 1988, Welch's Uniform applied for a permit to remove five additional underground storage tanks. In May 2004, Welch's Uniform applied for a permit to remove one additional 1,000-gallon underground storage tank. Soil sampling beneath the tank did not detect any contamination problems, and on October 26, 2004, the DPW/UGT issued a no further action letter for the closure of the 1,000-gallon underground tank.

HISTORICAL SOURCES

Historic Sanborn Fire Insurance Maps

Sanborn Fire Insurance Maps provide information on commercial and industrial properties, based on risk data gathered for the fire insurance companies. The maps show the number of buildings located on the property, and the type of construction. The maps also describe the various businesses located nearby, and show the locations of tanks, boilers, and other potential hazards.

A review of the Sanborn Fire Insurance Map collections from 1867-1970, located three maps for the subject property:

Date of Map	Description
1906	The subject property is occupied by 16 residences, 10 sheds, two barns and a small bakery.
1920	The subject property is occupied by 21 residences, nine sheds, seven garages, a bakery and portions of the Los Angeles Rock and Gravel Co., which consisted of eight buildings which were used as oil houses, greases houses, a tool house, an office and an auto repair canopy.
1951	The subject property is occupied by 22 residences, eight garages, a bakery and 10 commercial buildings which were used for offices, warehousing, storage and as workshops. The commercial buildings were occupied by "Steel Framing & Building Corporation."

A review of the Sanborn Fire Insurance Map collections from 1867-1970, located three maps for the area surrounding the subject property:

Date of Map	Description
1906	The property to the north is occupied by six residences, a barn and three sheds. Pasadena Avenue is to the east and there is no map coverage available for the property east of Pasadena Avenue. South of the subject property is Avenue 34 and further south are two stores, 12 residences, nine sheds, a barn and a fruit packing building. West of the subject property is a railroad right-of-way and further west is vacant land and the Arroyo Seco flood control channel.
1920	The property to the north consists of several residences, garages, sheds and three commercial buildings which are occupied by the Los Angeles Rock & Gravel Co. Further north is a large industrial facility which is occupied by Pacific Laundry. Pasadena Avenue is east and further east are several residences, garages and sheds. South of the subject property is Avenue 34 and further south are several residences, garages, sheds and a fuel storage area. West is of the subject property is a railroad right-of-way and further west is vacant land and the Arroyo Seco flood control channel.

Date of Map	Description
1951	The property to the north is occupied by a residence, a garage, two commercial storage building and a ten-car auto storage building. Further north is a large industrial facility which is occupied by Welch's Uniform and Overall Cleaning Co. A dry-cleaning building, a washing room and a 25-car auto storage building are located within the Welch's Facility. Pasadena Avenue is to the east and further east are several residences, garages, sheds and Hillside Elementary School. South of the subject property is Avenue 34 and further south are two stores, several residences, garages, sheds and a scrap metal storage yard. West of the subject property is a railroad right-of-way and a lumber yard which is occupied by Alliance Lumber and Investment Co. Further west is the Arroyo Seco flood control channel.

Historic City Directory Search

City Directories provide information on residential, commercial and industrial properties, and list the business name and address. A review of the historic directories provides an overview of the current and previous occupants of the site.

A search of the Haines Criss Cross City Directories, dated 1972-2009, determined the subject property has been previously occupied by Smith Mailer Inc. (1972-1987), GT Price Products (1972), Alta Canada Corp. (1987), American Bearing (1987), Laramada Corporation (1987), Lorac Financial Services (1987), Metal Service Corporation (1987), American Caster Corporation (1987-1992), Ann Mar Inc. (1987), Empire Button Co. (1987), William Pile Printing (1987-1992), Bob Baker Productions (1992), American Medical Wholesale (2009), Ortiz Transfer & Storage (2009), Ortiz Brothers Moving & Storage (2009), Select Storage (2009) and Studio 34 (2009).

A search of the Haines Criss Cross City Directories, dated 1972-2009, did not identify any listings for the adjacent property to the north. The properties east of Pasadena Avenue have been previously occupied by Hillside Elementary School (1972-2009) and residences (1972-2009). The properties south of Avenue 34 have been occupied by residences (1972-2009), Ishizaki Studios (1987), Argus Tool Manufacturing (1987), Smart Saver (1987-1992), Pasadena Avenue Market (1987-1992), AAA Fashions (1992), Tere's Fashions (1992-2009), Allied Die Cutting (1992), Three Star Refrigeration (1992), ACW Apparel Inc. (2009) and Water Land Inc. (2009). No listings were identified for the adjacent property to the west.

City of Los Angeles
Building Department

A review of the building records for the subject property located the following records:

Date	Activity	Owner
	135 Avenue 34	
01/23	Reroof building	East/Northeast Economic Dev. Corp.
	137 Avenue 34	
01/23	Move residence from 2639 Lacy Bel Avenue	Charles Mattingly
04/61	Demolish dwelling	Cannon Electric Co.
	137½ Avenue 34	
01/23	Move residence from 2641 Lacy Bel Avenue	Charles Mattingly
04/61	Demolish dwelling	Cannon Electric Co.
	139 Avenue 34	
01/23	Move residence from 2643 Lacy Bel Avenue	Charles Mattingly
04/61	Demolish dwelling	Cannon Electric Co.
	141 Avenue 34	
07/16	Add two rooms to residence	Chas Fishback
07/16	Construct garage	Chas Fishback
02/28	Add two bedrooms to house	Felipe Villarreal
07/53	Construct garage	Joseph Gomez
08/56	Demolish building	Teal House Wreckers
08/74	Demolish storage building	East/Northeast Economic Dev. Corp.
	141-149 Avenue 34	
09/56	Construct parking lot	Cannon Electric Co.
04/77	Grade for building site	Los Angeles Economic Dev. Corp.
04/77	Encroach into 169 Ave. 34 & 3505 Pasadena Ave.	Los Angeles Economic Dev. Corp.
07/77	Construct foundation only for factory	Los Angeles Economic Dev. Corp.
08/77	Construct light manufacturing building	Los Angeles Economic Dev. Corp.
11/77	Add office partitions	Los Angeles Economic Dev. Corp.
12/77	Add storage tank for plastic pellets	Los Angeles Growing Corp.
	143 Avenue 34	
08/06	Construct dwelling	F.H. Small
08/56	Demolish building	Teal House Wreckers
08/74	Demolish storage building	East/Northeast Economic Dev. Corp.

Date	Activity	Owner (continued)
	145 Avenue 34	
08/06	Construct dwelling	F.H. Small
08/56	Demolish building	Teal House Wreckers
08/74	Demolish storage building	East/Northeast Economic Dev. Corp.
	147 Avenue 34	
08/06	Construct dwelling	F.H. Small
08/56	Demolish building	Teal House Wreckers
08/74	Demolish storage building	East/Northeast Economic Dev. Corp.
	149 Avenue 34	
08/06	Construct dwelling	F.H. Small
08/56	Demolish building	Teal House Wreckers
08/74	Demolish storage building	East/Northeast Economic Dev. Corp.
	151 Avenue 34	
08/74	Demolish storage building	East/Northeast Economic Dev. Corp.
	153 Avenue 34	
10/29	Construct factory	Frank Mark
08/05	Alter roof on dwelling	George Harris
03/66	Parapet corrections	M. Guillermo
12/00	Full compliance with division 88	Guillermo
	3407 Pasadena Avenue	
4/25	Construct private garage	John Murphy
--/45	Move building to 1037 North Avenue 63	Anne Bremer
06/45	Move garage to 123 West Avenue 34	Cubbison Bakery
08/46	Construct baking supply storage building	Cubbison Bakery
	3409 Pasadena Avenue	
08/12	Construct shed	John Murphy
02/23	Addition to residence	John Murphy
11/41	Add concrete floor for rat proofing	Cubbison Cracker Co.
	3411 Pasadena Avenue	
12/10	Construct shed	John Murphy
09/11	Construct shed	John Murphy
08/14	Rebuild porch on residence	John Murphy
09/36	Construct truck shelter	Sophie Cubbison
12/36	Construct storage building	Sophie Cubbison
09/40	Move residence to 9815 Telfair Avenue	L. Simon
04/54	Reroof shed and loading dock with metal roof	Cubbison's Bakery

Date	Activity	Owner (continued)
	3413 Pasadena Avenue	
06/41	Add 30' x 96' to bakery	Cubbison Cracker Co.
	3415 Pasadena Avenue	
07/87	Reroof building	---- Construction Co.
	3415-3419 Pasadena Avenue	
07/65	Parapet correction	Crocker Citizen Bank Trust Dept.
03/87	Full compliance with Division 88	---- Investment Co.
	3419 Pasadena Avenue	
09/25	Addition to bakery	Cubbison Bakery
09/25	Demolish old building	Cubbison Bakery
11/25	Construct private garage	Cubbison Bakery
06/28	Enlarge building	C.H. Cubbison
06/28	Remove brick and wood building	C.H. Cubbison
08/28	Add mezzanine	C.H. Cubbison
03/47	Add mezzanine	Cubbison Cracker Co.
04/55	Add toilets	Cubbison Cracker Co.
07/56	Interior partitions	Canon Electric Co., Lessee
	3421 Pasadena Avenue	
01/08	Construct residence	Mary Lawson
05/14	Add gas outlets	May Lawson
01/17	Add room to rear of house	James Smith
10/61	Demolish residence	Cannon Electric Co.
	3421-3423 Pasadena Avenue	
10/12	Repair residence	Jerry Hickey
	3423 Pasadena Avenue	
10/12	Construct residence	Mary Lawson
01/24	Construct real estate office	Catherine L. Condra
10/61	Demolish residence	Cannon Electric Co.
	3425 Pasadena Avenue	
07/51	Demolish residence	Stran Steel Products Co.
07/67	Prepare building site	Smith Mailer Co.
07/67	Construct industrial building	Smith Mailer Co.
08/67	Remove and re-compact loose fill soil	Smith Mailer Co.
08/67	Add 20'x85' to manufactured building	Smith Mailer Co.

Date	Activity	Owner (continued)
		3429 Pasadena Avenue
11/12	Add chimney to residence	Mrs. Zonberg
07/51	Demolish residence	Stran Steel Co.
		3431 Pasadena Avenue
06/11	Add 6' to back porch	A. Fornberg
12/12	Build outside chimney	A. Fornberg
07/51	Demolish residence	Stran Steel Co.
		3433 Pasadena Avenue
01/74	Add 26'x96' metal carport	Smith Mailer Co.
		3437 Pasadena Avenue
04/06	Construct cow barn	Mrs. Sherman Smith
01/37	Construct private garage	William G. Short
09/38	General repairs	H.H. Moser
08/56	Demolish residence	Teal House Wreckers

No other building or demolition permits were on file for the subject property.

SUMMARY OF PREVIOUS ENVIRONMENTAL REPORT

On March 2, 2000, Orswell & Kasman, Inc. (OKI) prepared a Phase I Environmental Site Assessment Report on the 141 Avenue 34 building. The OKI report included a review of the regulatory records, a review of the historical documents, an inspection of the surrounding properties and an interview with the property owner. At the time of the inspection, the 141 Avenue 34 building was occupied by Studio 34, a film production studio; and by Select Storage, a storage facility. The report stated that small quantities of water-based paint and oil-based paint were stored and used inside the building and the hazardous materials appeared to be properly stored and managed. Mr. Eric Ortiz, the property owner, stated the tenants are responsible for the disposal of any waste paints which are generated by the business activities. He said he was not aware of any chemical spills or contamination problems with the site. The report concluded that the adjacent property to the north (Welch's Uniforms) was identified as a clean up site that was addressing the contamination problem. Based on the results of the assessment, OKI concluded that no further environmental studies were recommended for the site.

On August 1, 2005, OKI prepared a Phase I Environmental Site Assessment Report on the 135 Avenue 34 and 3401 Pasadena Avenue buildings. The OKI report included a review of the regulatory records, a review of the historical documents, an inspection of the surrounding properties and an interview with the tenant. At the time of the inspection, the buildings were occupied by United Finishing and Laminating, a commercial laminating business. The report stated that small quantities of lubricating oil, bio-degradable detergents, glues and gear oil were stored and used inside the building and the materials appeared to be properly stored and managed. Pat Moller, the tenant at the site, stated the business stored and used small quantities

of hazardous materials, which were stored in five-gallon containers inside a fenced compound in the storage yard. Mr. Moller advised no hazardous wastes were generated from the business activities, and he was not aware of any chemical spills or contamination problems with the site. The OKI report concluded that the adjacent property to the north (Welch's Uniforms) was identified as a clean up site that was addressing the contamination problem. Based on the results of their assessment, no further environmental studies were recommended for the site.

On September 28, 2012, OKI prepared a Phase I Environmental Site Assessment report on the subject and surrounding properties. The OKI report included a review of the regulatory records, a review of the historical documents, an inspection of the surrounding properties and interviews with the property owner and the tenant. The property consisted of five separate industrial buildings with paved parking and storage areas. At the time of the inspection, the subject property was occupied by Ortiz Bros. Moving & Storage, a moving company; The Submission Factory, a gym; Water Wellness, an office; and Warner Brothers Studios, a prop design business. Large quantities of water-based paint were stored and used inside the 3433 Pasadena Avenue building, and hazardous waste in the form of waste paint was generated by the business activities. The safety manager for Warner Brothers Studios, provided a hazardous waste manifest from Rinco Environmental Services stating an unknown amount of waste paint was collected and removed from the site. Eric Ortiz, the property owner, stated the tenant is responsible for disposing any hazardous wastes which are generated by the business activities. He said he was not aware of any chemical spills or contamination problems with the site. No signs of illegal dumping or distressed vegetation were observed on the property. There was no evidence of underground storage tanks, wells, or septic tanks on the property, and there was no indication of obvious contamination on the site.

A review of the building permit records, historical aerial photographs, Sanborn fire insurance maps, assessor records and historic city directories determined the 153 Avenue 34 building was constructed over 83 years ago and the site was previously occupied by residences. The 141 Avenue building was constructed in 1977, and the site was previously occupied by portions of the Los Angeles Rock and Gravel Co., which included structures used for auto repair and two oil houses. The 141 Avenue 34 building was previously occupied by The Steel Framing and Building Corporation, several light-industrial buildings and several residences. The 3401 Pasadena Avenue buildings were constructed between 1948 and 1953, and the site was previously occupied by another commercial building and several residences. The 3433 Pasadena Avenue building was constructed in 1967 and the site was previously occupied by several residences.

A review of environmental regulatory agency records did not identify any reported contamination problems with the subject property. Eleven offsite locations were identified as potential risks or threats to the subject property. According to the data, ten of the sites were not located in the near vicinity, and there was no indication that contaminants from those sites had migrated onto the subject property. The adjacent property to the north (Welch's Uniform Facility) was identified by State of California Environmental Protection Agency (CAL-EPA) Department of Toxic Substances Control (DTSC) as an active hazardous waste site. In addition, the adjacent property was also identified by the State of California Regional Water Quality

Control Board (RWQCB) as having two open RWQCB Cleanup Program cases. There was no indication from a review of the regulatory records and a site inspection of the subject property that the property had any problems concerning the storage, usage or disposal of hazardous materials. Based on the results of their assessment, the OKI report concluded, no further environmental studies were recommended for the site.

SUMMARY

Based on a review of regulatory records and a visual inspection of the site and surrounding area, no *potential environmental concerns* were identified with the subject property, except as follows:

Nine offsite locations have been identified as potential risks or threats to the subject property. According to the data, seven of the sites are not located in the near vicinity, and there is no indication that contaminants from these sites have migrated onto the subject property.

A review of the October 2013 State of California Environmental Protection Agency (CAL-EPA) Department of Toxic Substances Control (DTSC) records determined the adjacent property to the west (Metro Rail Pasadena Blue Line between Avenue 33 and French Avenue) is identified as a hazardous waste site that was referred to another agency for cleanup in December 2001. According to the records, the site has had no known uses other than train traffic. Seventeen borings were advanced along the railroad right-of-way area, and analytical test results indicated high concentrations of lead, polychlorinated bi-phenyls (PCBs), tetrachloroethane (PCE) and trichloroethylene (TCE) contamination in the soil and groundwater beneath the site. On December 27, 2001, the case was referred to the Regional Water Quality Control Board (RWQCB) for oversight, and no further information is available at this time; and

The former Welch's Uniform Rental Facility site (#5 on map), 3505 Pasadena Avenue, is located on the adjacent property to the north, and the business is identified by State of California Environmental Protection Agency (CAL-EPA) Department of Toxic Substances Control (DTSC) as an active hazardous waste site. According to the DTSC database records, the soil is contaminated with trichloroethylene (TCE). A site investigation or remediation of the site is currently in progress. According to the records, the 2.6 acre site was previously occupied by Welch's Uniform, a commercial linen and apparel laundering and delivery service. The former business operated at the site from the 1920s throughout 1988. TCE was first discovered at the site in 1988 when vapor extraction wells were first installed on the property. Several follow-up investigations have been completed at the site which included soil sampling, soil vapor sampling, the installation of 14 groundwater monitoring wells, the installation of seven soil vapor wells and semi-annual soil and soil vapor monitoring. In 1993, the buildings at the former Welch's Uniform Facility were demolished and removed from the site. In 2007, the Department of Toxic Substances Control (DTSC) began overseeing the site investigations, monitoring and clean up efforts at the site. Previous environmental studies conducted at the site indicate the soil and groundwater beneath the facility was

contaminated with volatile organic compounds (VOCs) and petroleum based hydrocarbon cleaning solvents including tetrachloroethene (PCE) and TCE. The current owner (AmeriPride Services Inc.) and the DTSC entered into a voluntary agreement to clean-up the site. In 2013, a soil vapor extraction (SVE) system and 32 SVE wells were installed at the site to remediate the PCE and TCE contamination. The SVE system is scheduled to operate at the site until contamination levels are reached which do not pose a significant risk to human health and the environment. In addition, the former Welch's Uniform Rental site is also identified by the State of California Regional Water Quality Control Board (RWQCB) as having two open RWQCB Cleanup Program cases. The case was first opened in December 1987, and the site is identified as an open Cleanup Program Site that is currently inactive. According to the records, the groundwater is potentially contaminated with solvents and non-petroleum hydrocarbons. A second case was opened in December 1998, and the site is identified as an open Cleanup Program Site that is undergoing a site assessment. According to the records, the site is potentially contaminated with petroleum, unidentified fuels, oil and volatile organic compounds (VOCs). Both of the cases were transferred to the Department of Toxic Substances Control (DTSC) for oversight on December 18, 2006. Lastly, a review of the City of Los Angeles Fire Department (LAFD) records revealed Welch's Uniform applied for a permit to remove a 2,000-gallon underground diesel fuel tank in 1987. Soil sampling beneath the tank revealed significant Total Petroleum Hydrocarbon as gasoline (TPH-g) contamination (8,600 ppm). The groundwater beneath the site was determined to be about 35 feet below the ground surface, and the groundwater flows away from the subject property in a west-northwest direction. In February 1988, Welch's Uniform applied for a permit to abandon five underground storage tanks in-place, and in December 1988, Welch's Uniform applied for a permit to remove five additional underground storage tanks. In May 2004, Welch's Uniform applied for a permit to remove one additional 1,000-gallon underground storage tank. Soil sampling beneath the tank did not detect any contamination problems, and on October 26, 2004, the DPW/UGT issued a no further action letter for the closure of the 1,000-gallon underground tank. An inspection of the property revealed the site is currently a vacant lot, and remedial activities were being conducted on the site.

Should it be determined the groundwater beneath the subject property has in fact been impacted by the Former Welch's Uniform Rental site or the Metro Rail Pasadena Blue Line site, it is the policy of the State of California and the United States Environmental Protection Agency not to hold property owners responsible for costs to clean up contaminated groundwater beneath their property, unless the owners contributed to the problem. There is no indication from a review of the regulatory records and a site inspection that the subject property has had any problems concerning the storage, usage or disposal of hazardous materials, and it appears the responsible parties are in the process of addressing the contamination problem.

RECOMMENDATIONS

Based on the results of this assessment, no further environmental studies are recommended for the site.

Appendix F

Professional Qualifications and Liability Insurance

Don Kellar, M.S., REP, PG
National Client Manager/Hydrogeologist
Los Angeles Office
don@frenviro.com
(310) 876 4128

Don Kellar is National Client Manager Manager and Hydrogeologist within Fulcrum Resources Environmental

Don specializes in helping clients with the following:

- Transaction Screen Assessment
- Phase I and II environmental site assessment
- Site investigation and assessment
- Technical site review
- RFI sample program management
- Alternative Energy
- Asbestos inspections associated with demolition, restoration and renovation
- Remediation and Monitoring Tactics
- Health and Safety- Environmental Construction/drilling
- CEQA/NEPA
- Agency Oversight Assistance

Key Experience/Key Projects -

World Oil Groundwater Monitoring and Sampling

- Performed field work, project management, budgeting, client management, and completion of report for over 200 sites nationwide. Mr. Kellar managed a total of 18 sites under World Oil Corporation, and an additional 10 sites under Exxon/Mobil. Mr. Kellar also had the privilege of conducting this work nationwide throughout California, Arizona, Colorado, Maine, Rhode Island, Connecticut, New York, Massachusetts, Nevada, and Michigan.

Phase I and II Environmental Site Assessments

- Performed over 2,000 environmental site assessments nationwide since 2001 that include but not limited to gas stations, dry cleaners, heavy manufacturing sites, multi-tract residential apartments and housing. Mr. Kellar also has extensive involvement with Non-CERCLA sampling per specific client protocol that include asbestos sampling, lead-based paint sampling, radon testing, and lead in water sampling.

  Mr. Kellar managed Bank of America's REO portfolio between 2008 and 2010 throughout the western United States. These assessments included a former landfill turned golf course, a former silver mine, numerous farming and agricultural parcels, brownfield redevelopments; recycling facilities; medical facilities; small and large shopping plazas; and developed or partially developed residential communities.

  Experienced as a client and project manager for over 30 Shell Oil Sites with duties ranging from surface and subsurface investigations; pilot studies; assistance with onsite engineer for Phase III remediation; and agency correspondence. Under the mentorship of numerous PGs, CHGs, and PEs, Mr. Kellar has become very experienced in the troubleshooting remediation options for prospective clients.

Health and Safety

- As former Health and Safety Officer for Geologic Services Corporation's West Coast Office, Mr. Kellar gained experience in identification, handling, disposal of different hazardous wastes, and the development of emergency response plans for gas stations and industrial sites.

Education

Bachelors of Science in Physical Geography, University of Michigan, 2002 Minor Music
Scholar Award 2001

Masters of Science in Hydrogeology, California State University Los Angeles, 2005

Professional Papers

Identification of Water Sources during Wet and Dry Months within Medea Creek Through Ion and Isotope Analysis. Research Paper for California State University-Los Angeles, October 2009

Certifications

- California Registered Environmental Assessor #30026
- 40-hour OSHA HAZWOPER with Refresher
- United States Green Building Council Member-Los Angeles
- National Registry of Environmental Professionals #624658052
- California Licensed Professional Geologist-#9192
- Florida Licensed Professional Geologist-#2858

Languages-English, Moderate Speaker of Spanish and Chinese

Ling (Caroline) Cao, M.S.
Principal Consultant/West Coast Operation's Manager
Los Angeles Office
ling@frenviro.com
(626) 429 1480

Ms. Cao is the Principal Consultant and West Coast Operation's Manager within Fulcrum Resources Environmental

Ms. Cao specializes in helping clients with the following:

- Transaction Screen Assessment
- Phase I and II environmental site assessment
- Site investigation and assessment
- Technical site review
- Biology and Ecology
- Property Condition Assessments
- Asbestos and Lead-based Paint inspections associated with demolition, restoration and renovation
- Lead-in-water and Radon Testing
- Consulting with Chinese Community
- Health and Safety- Environmental Construction/drilling
- CEQA/NEPA

Key Experience/Key Projects -

Palos Verde and El Sobrante Landfills
Corona Granite and Silicone Quarry

- Performed field work, project management, budgeting, client management, and completion of Phase I Reports. Ms. Cao was able to identify multiple environmental issues and provide client with direction and assistance with respective agencies.

Phase I and II Environmental Site Assessments

- Performed over 1,000 environmental site assessments nationwide since 2003 that include but not limited to former Talley Corporation in Thousand Oaks, SCGA Golf Course in Murrieta, the 536-acre Dos Lagos master-planned and mix-used development in Corona, and silica mines. Ms. Cao also performed due diligence on various gas stations, dry cleaners, chemical plants, heavy manufacturing sites, multi-tract residential apartments and housing. Ms. Cao also has extensive involvement with Non-CERCLA sampling per specific client protocol that include asbestos sampling, lead-based paint sampling, radon testing, and lead in water sampling.

  Mr. Cao has extensive experience with portfolio HUD projects under Fannie Mae and Freddie Mac Guidelines.

Business Development/Customer Service

- Ms. Cao has earned a stellar reputation with providing numerous clients with the excellent customer service on over 1,000 nationwide transactions. Ms. Cao's technical experience combined with customer service has played a vital role in the growth to date of Fulcrum Resources Environmental.

Ms. Cao is majority owner of Fulcrum Resource Environmental and is currently heading the company towards Government 8A status.

Education

Bachelors of Science in Biology, California State University Los Angeles, 2004
Deans List 2004 and 2005

Master of Science in Biology, California State University Los Angeles, 2011

Certification

- Registered Environmental Property Assessor #937750
- 40-hour OSHA HAZWOPER Training Certificate
- Certified Mold Specialist Certification #12-7-548 by American Mold Institute
- Lead Certified Renovator Certificate #R-I-18351-12-02642 by National Center for Healthy Housing
- Certified Asbestos Abatement Contractor Supervisor
- Certified Asbestos Building Inspector
- Certified Asbestos Management Planner
- Certified Asbestos Abatement Project Designer

Languages

- English and Chinese

John Winkler, PG
Senior Geologist/Regional Manager
Thousand Oaks, California Office
Los Angeles, Ventura, Kern, Santa Barbara, and San Luis Obispo Counties
john@frenviro.com
(805) 338 8008

Mr. John Winkler is a Senior Geologist within Fulcrum Resources Environmental

John specializes in helping clients with the following:

- Phase I and II environmental site assessment
- Site remediation
- Technical site review
- Well installation – Monitoring/extraction/production/injection
- Groundwater monitoring and compliance activities
- Health and Safety
- Environmental Construction/drilling – Direct push/hollow-stem auger/mud rotary/air rotary/reverse circulation/CPT
- Hazardous Materials Management
- Waste profiling/treatment/disposal

Key Experience/Key Projects -

Restaurant Property, Malibu, CA

- Mr. Winkler provided environmental consulting for the seller of a property that was developed as a restaurant, but historically was occupied by a gasoline service station. The gas station was closed in the 1960's, prior to purchase by the property owner, and USTs were discovered and removed in 2004. Site assessments indicated petroleum hydrocarbon impact to soil and groundwater. Furthermore, seepage pits for wastewater complicated contaminant transport in the subsurface. Mr. Winkler assisted the property owner to identify the former UST owner/operator, who then agreed to assume Responsible Party status. Subsequently the property owner was able to complete the sale of the property.

Commercial Retail Center, Montebello, CA

- Mr. Winkler provided environmental consulting for a property owner seeking a refinance loan of a 7.56-acre multi-tenant retail shopping center. A Phase I ESA was conducted and an existing dry cleaner unit was determined to have operated for over 25 years, indicating a risk of a release of dry cleaning solvent. A Phase II assessment was conducted at areas of Haz Mat use. Results indicated low levels of PCE in soil and soil vapor below the unit, with no threat to groundwater, but a risk for vapor intrusion. To mitigate the risk, Mr. Winkler managed the following: 1) improvement of secondary containment; 2) improvement of engineered air flow; and, 3) installation of a vapor barrier. Based on the mitigation of the risk of vapor intrusion, the lender approved the loan.

.

Commercial Property, Pomona, CA

- Mr. Winkler provided environmental consulting for a property that was placed in receivership, partly to provide time to assess the environmental risks. A Phase I ESA was conducted and research indicated the site was developed in 1961, and USTs were installed on the property and subsequently removed, but closure was not documented. Additionally, data gaps on past site use existed. Site assessments indicated no significant impact from the fuel USTs; however, elevated concentrations of PCE in soil were detected. A nearby property had a catastrophic train derailment that released PCE to the subsurface and the elevated levels on the subject property were determined to have an off-site source. The UST case was successfully closed with the oversight agency.

Fields of Competence
- Environmental site assessments
- Environmental remediation
- Hazardous Materials Management

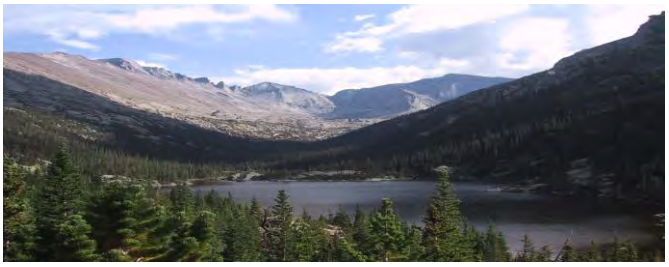
Education
- Bachelors of Science in Geology, University of New York at Cortland
- Certificate in Hazardous Materials Management, University of California, Santa Barbara

Certification
- California Professional Geologist No. 7456
- 40-hour OSHA HAZWOPER
- California Certified Volunteer Fire Fighter, 1998
- Hazardous Materials First Responder Operational CCR Section 8574.20, 1998
- Los Angeles Refinery Safety Training
- First Aid and CPR for the Professional Rescuer

Languages
- English, native speaker

Key Industry Sectors
- Commercial real estate transactions
- Aerospace
- Retail Petroleum
- Local Government Agencies
- Oil and Gas Industry

Jeffrey R. King, CPG
Regional Project Manager/Environmental Consultant
Hawaii Office
jeff@frenviro.com
(808) 344-2871



Jeff King is a Regional Project Manager and Environmental Consultant within Fulcrum Resources Environmental.

Jeff specializes in helping clients with the following:

- Transaction Screen assessment
- Phase I and II environmental site assessment
- Site investigation and assessment
- Senior technical review and peer review
- Subsurface investigation with various drill rig technologies
- Underground Storage Tank (UST) investigation, removal, and closure
- Asbestos, lead-based paint, hazardous materials inspection and sampling
- Mold and indoor air quality investigation
- Regulatory compliance/waste management/permitting
- Environmental health and safety
- Emergency response
- Storm water sampling
- Geophysics
- SPCC plans
- Remediation system O & M

Key Experience/Key Projects:

Environmental Site Assessments

- Performed hundreds of Phase I and II environmental site assessments (ESAs) nationwide for various clients on various commercial, industrial, residential, agricultural, and undeveloped properties. Also performed peer review for a national client of other consultant's ESAs.
- Project manager for Phase I ESA of a west Maui 4,000+ acre group of properties slated for future residential and commercial development. The properties consisted of former agricultural, industrial, commercial, and forest reserve lands.
- Project manager for Phase I ESAs and updates of several Oahu and Maui wind and solar farm properties for major alternative energy producers.

Site Characterization and Remedial Activities

- As a Michigan Certified UST Professional, performed senior technical review and oversight for numerous leaking UST sites throughout the state.
- Performed field investigation and report preparation for 14 previously removed USTs (within nine excavation areas) and two UST piping areas at the former Raco Airfield and BOMARC Missile Site in Michigan's Upper Peninsula. Most of the analytical testing was performed onsite using a mobile laboratory in order to delineate the extent of impact while at the site.
- Performed field investigation and report preparation for the removal of six USTs at an automotive repair facility in Highland Park, Michigan. Closure was obtained through application of RBCA techniques including indoor air quality evaluation, maintenance of pavement and floors, and filing appropriate notices of corrective action with affected parties and the Register of Deeds.

Asbestos, Lead-Based Paint, and Hazardous Materials

- Performed many inspections and surveys for various Maui and Hawaii properties including state hospitals, county facilities, major shopping malls and resorts, and other various sites.

Education

Bachelor of Science, Geology, University of California, Los Angeles, California, 1979

Graduate Courses in Hazardous Materials Management, Wayne State University, Detroit, Michigan, 1988-89

Risk-Based Corrective Action (RBCA) Course, Michigan Department of Environmental Quality, 1995

Certified Hazardous Materials Manager (CHMM) Overview Course, CHMM-Michigan, 2008

Certification

- Indiana Licensed Professional Geologist (LPG No. 1795)
- Hawaii Certified Asbestos Building Inspector (HI ASB No. 3545)
- Hawaii Certified Lead Risk Assessor (Cert. No. PB-0663)
- 40-hour OSHA HAZWOPER Training and current 8-hour refresher

Languages

- English, native speaker

Honors and Activities

Received a letter of commendation from Ford Motor Co. Environmental Services for outstanding project performance.

Served as local membership chair for Association of Environmental and Engineering Geologists (AEG). Also served on meeting committee for October 2004 national AEG meeting in Dearborn, Michigan.

Bryan Miles, P.G.
Regional Client Manager, Professional Geologist
San Diego & Orange County
bryan@frenviro.com
425.270.9914

Bryan Miles has been managing environmental site assessment and remediation projects in California since 2001. He has been a licenced Professional Geologist (CA 8739) since 2010.

Bryan specializes in environmental site assessment and remediation including the following specialties:

- Phase I and II environmental site assessment
- Contaminated site closure strategy (NFA)
- Vapor intrusion modeling
- Vapor intrusion mitigation
- Indoor air quality assessment and monitoring
- Groundwater modeling
- Contamination fate and transport modeling
- Site Conceptual Modeling
- Soil, soil vapor and groundwater sampling
- UST Removal
- Soil Vapor Extraction
- Chemical contamination analysis
- In-situ Chemical Remediation
- Remediation Action Plan preparation and implementation
- Geologic assessment and interpretation
- Regulatory guidance, interaction and management
- Health and Safety - Environmental Remediation/Construction/drilling

Key Experience/Key Projects:

Phase I and II Environmental Site Assessments

- Completed numerous environmental site assessments nationwide since 2001, including but not limited to retail gas stations, dry cleaners, metal plating facilities, railroad; and industrial, commercial and residential transactions.

- Vapor Intrusion, groundwater, and site conceptual modelling; as well as contaminant fate and transport.

- UST removal; soil, soil vapor and groundwater monitoring and sampling, monitoring well design and install.

Site Assessment and Remedial Project Highlights

- Successfully guided contaminated properties towards no further action (NFA) for numerous clientele including lenders, property owners, insurance agencies and brokers.

- Managed site investigation and remediation activities; including design and installation of two dual-phase extraction systems, for multiple responsible parties for a commingled free product and petroleum hydrocarbon groundwater plume encompassing two city blocks in the Harbor District to San Diego

- Guided oversight and technical support for In-situ bioremediation injection using Hydrogen Release Compound (HRC) and Oxygen Release Compound (ORC). at the BNSF Railroad Trigo Facility in Trigo, California

- Managed hydrogeologic and soil assessment related to leaking heating oil UST in downtown Seattle. Assessment included, soil sampling, indoor air sampling, well installation and LNAPL assessment. Project involved coordination with Ecology and neighboring stakeholders regarding off-site dissolved-phase and LNAPL plume migration.

- First responder involved with assessment and remediation for two major gasoline tanker spill (>2000 gallons) on Interstate 90 in Cle Elum Washington; spills occurred at separate times within 2015.

- Managed vapor intrusion source, assessment and mitigation including Johnson & Ettinger Vapor Intrusion Model for numerous site sites throughout California.

Education

B.S. Geological Sciences, University of California Santa Barbara, 2002

Certification

- California Licensed Professional Geologist (P.G.) #8739
- Washington Licenced Geologist (L.G.) #3090
- 40-hour OSHA HAZWOPER Training
- Adult and Pediatric First Aid/CPR/AED

Languages

- English
- Spanish

Personal Interests

I have a passion for music, surfing and trail running. I have completed three ultra-marathons, three marathons, a 3-day stage race through the Colorado Rockies and numerous half marathons and shorter distances. I am a musician and singer-songwriter. I recorded an album and play at local restaurants and coffee shops. My greatest satisfaction comes from spending time with my family.

Hao Zhang, M.S., PE, QSD
Regional Project Manager/Engineer
San Francisco Office
hao@frenviro.com
(626) 840-7843

Hao Zhang is a Regional Project Manager and Engineer within Fulcrum Resources Environmental.

Hao specializes in helping clients with the following:

- Transaction Screen Assessment
- Phase I and II environmental site assessment
- Site investigation and assessment
- Technical site review
- RFI sample program management
- Hazardous Waste Tank System CUPA PE Certification
- Remediation and Monitoring Tactics
- Soil Vapor Extraction
- In-situ Chemical Remediation
- Remediation Action Plans Implementation
- Vapor Intrusion Mitigation
- Contaminated Site Closure
- Oil Well Abandonment
- Soil Management Plan Implementation
- Health and Safety - Environmental Remediation/Construction/drilling

Key Experience/Key Projects:

Phase I and II Environmental Site Assessments

- Performed over 200 environmental site assessments nationwide since 2014, including but not limited to gas stations, dry cleaners, heavy manufacturing sites, and multi-tract residential apartments and housing.

- Performed soil, soil vapor, and groundwater sampling and investigations.

- Supervised and conducted well installations, trenching, well gauging, groundwater monitoring, and MIP investigations.

Site Characterization and Remedial Activities

- Performed site investigation and remediation activities to address chlorinated solvents (PCE, TCE), petroleum hydrocarbons, benzene, ethylbenzene, MTBE, and chromium contamination in soil and groundwater;

- Prepared Corrective Action Plans (CAPs)/Remediation Action Plans (RAPs), pilot test and treatability study work plans, Soil Management Plans (SMPs), remediation status reports, and groundwater monitoring reports to meet environmental permitting requirements;

- Performed soil excavation, Soil Vapor Extraction (SVE), in-situ chemical injections, and soil flushing remediation strategies to achieve site clean-up goals and No Further Action letter for multiple contaminated sites.

- Performed vapor intrusion investigation and vapor mitigation system installation in construction of new buildings.

Health and Safety

As former Health and Safety Officer for Tetra Tech's Southern California Office, Ms. Zhang gained experience in identification, handling, and disposal of different hazardous wastes, and the development of emergency response plans for brownfield redevelopment and remediation sites.

Education

Bachelors of Science in Environmental Science, Nankai University, China 2007-2011

Master of Science in Environmental Science and Engineering, California Institute of Technology, U.S. 2011-2013

Certification

- California Licensed Professional Engineer (PE) #C85825
- California Qualified SWPPP Developer (QSD)
- 40-hour OSHA HAZWOPER Training
- 30-hour OSHA Construction Training
- 8-hour OSHA HAZWOPER Supervisor Training
- Adult and Pediatric First Aid/CPR/AED

Languages

- English
- Mandarin Chinese

Professional Publication & Presentations

Unique Injection Well Design and Implementation for ISCO at an Active Shopping Center. *26th Annual International Conference on Soil, Water, Energy, and Air,* ***Association*** *for* ***Environmental Health and Sciences Foundation (AEHS)****. 2016, March 23.*

Emily Sturnfield, MS, PG
Regional Project Manager
Fulcrum Resources Environmental
PO Box 13646
Seattle, WA 98198
emily@frenviro.com
cell: (847) 404 9982

Technical Expertise

- Transaction Screening Assessments
- Phase I Environmental Site Assessments
- Phase II Environmental Site Investigations
- Technical Site Review
- Site Characterization
- Brownfield Remediation
- NEPA Environmental Impact Statements
- Environmental Regulatory Compliance

Phase I and II Environmental Site Assessments

- Performed 500+ Phase I Site Assessments, including restaurants, commercial storage properties, office and residential properties, gas stations, dry cleaners, manufacturing sites, communications facilities, public works projects (such as roadway & sewer improvement projects) and former military installations (2011-2019).

- Extensive experience in proposal preparation and field work involving Phase II Assessments. Phase II Subsurface Investigations range from investigating dry cleaner sites, heavy manufacturing sites, or gas stations. I have been involved from proposal preparation and client management to completion of report and agency correspondence (2011-2019).

Remediation / Regulatory Closure

- Extensive experience with site characterization and remedial action / closure projects. Also experienced in preparing Corrective Action Plans, Remediation Action Plans, Site Closure Reports, and status/monitoring reports. (2011-2019).

Federal Compliance Experience

- Experience with facility regulatory environmental compliance inspections to assess and remediate facility compliance with local, state, and federal laws in the following states and territories: Washington, Oregon, California, Nevada, Montana, Arizona, and Guam.

Municipal Consulting Experience

- 6+ years as a consultant for municipal clients, providing a wide variety of environmental services, which include: Phase I & Phase II projects; agency negotiation and compliance expertise; brownfield remediation and site redevelopment; waste characterization; soil management; and technical environmental oversight of public works projects, such as wetland and stream management, local roads and sewer improvements, and grants (2011-2017).

- Project Manager for 3.5-million dollar Illinois Department of Transportation (IDOT) Hazardous Waste Contract as a consultant conducting Preliminary Environmental Site Assessments (PESA) and Preliminary Site Investigations (PSI), Soil Management Plans, and waste disposal management (2016-2017).

Education

Bachelors of Science in Geology, Northern Illinois University, 2009

Master of Science in Geology and Geospatial Science, Missouri State University, 2011

Certifications

- 40-hour OSHA HAZWOPER
- Washington Licensed Professional Geologist #3209
- Illinois Licensed Professional Geologist #196.001427
- Indiana Licensed Professional Geologist #2575
- Wisconsin Licensed Professional Geologist #1348

Professional Affiliations

ASTM Environmental Committee E50

Greg L. Gavasse, MSSE, P.E.
Senior Engineer
Los Angeles Office
calquake@roadrunner.com
(805) 202 1362

Greg Gavasee is Senior Engineer within Fulcrum Resources Environmental

Greg specializes in helping clients with the following:

- Building Engineering Reports (over 3,500 Property Condition Assessments)
- Seismic Evaluations (PMLs, SELs, and SULs)
- Technical site review
- HUD, ASTM, FNMA, FREDDIE MAC, and GMAC
- Building Design Consulting
- Drainage, pavement, life safety, electrical, plumbing, mechanical, and structural analysis
- Government Agency Contracting

Key Experience/Key Projects -

High Rise Building-777 Tower, Los Angeles, CA

- Conducted a building engineering report that included a review of "as-built" plans, construction and maintenance documents; analysis of the electrical, plumbing, mechanical, conveyance, structural and life safety systems; review of the building interior and exterior components, and a complete review of the facilities compliance with the Americans with Disabilities Act (ADA). A seismic assessment (SEL/SUL) was also performed.

Los Angeles MTA Rapid Bus Project, Los Angeles, CA

- Mr. Gavasee was the project director in charge of consultant procurement/management, design development and final design, construction management, project scheduling using CPM, project compliance with federal, state, and local regulations, permitting, and construction monitoring. This public works project involved the installation of 62 Rapid Bus Shelters, which included street lighting, kiosks, changeable message signs, and hardscape. This state of the art bus shelter system communicates with busses via modern communication and updates passengers on bus arrival times. This project was completed in 21 days ahead of schedule and $630,000 of the set $4.6 million dollar budget.

Structural Engineering, Southern California

- Mr. Gavasee has conducted over 3,500 Property Condition Assessments and contains a wealth of knowledge within structural design and engineering. Design experience includes concrete tilt-up structures; wood, steel, and concrete frame structures; pier foundation for steel erector crane; pier foundations for monopole and lattice tower antennas; bridge load rating and retrofitting; fatigue and fracture critical analysis of steel bridges, and concrete and GFRC panels.

Fields of Competence

- Structural Engineering and Design
- Structural Assessments
- Technical Review
- Consulting

Education

Bachelors of Arts in Business, University of California at Santa Barbara, Santa Barbara California

Masters of Science in Structural Engineering, San Jose State University, Los Angeles

Certification

- California Professional Engineer, CA License No. 61447
- General Engineering Contractor, California "A" License No. 560011
- General Building Contractor, California "B" License No. 560011
- Structural Pest Control Board-Field Representative, California License No. 44465

Languages

- English, native speaker

Key Industry Sectors

- HUD, ASTM, FNMA, FREDDIE MAC, and GMAC
- Construction management
- Architectural Design

Previous representative employers –

- Cal-Quake Engineering, Inc

Jyh-Yih (Jerry) Ren, PhD, P.E.
Project Manager, Principal Consultant
Anaheim Office
renjyhyih@yahoo.com
(626) 780-8960

Jerry Ren is Project Manager and Project Engineer

Jerry specializes in helping clients with the following:

- Combustible soil gas control
- Residential area gas barrier design
- Oil field soil vapor control
- Landfill gas collection system design
- Landfill gas to energy
- Blower and flare station
- Gas recovery and treatment system design

Key Experience/Key Projects -

Norco Corona School District (Corona, CA)

- Served as Project engineer for the methane protection system design of Rosa Parks Elementary School. The system design included trench plan, membrane plan, and vent risers details.

Methane Mitigation Projects (Los Angeles, CA)

- Responsibility included soil gas test and methane barrier design for several clients where methane gas mitigation for building structures was required by local building codes.

Brea Olinda Master Community Association

- Responsibility included field supervising of monitoring of tar seeps and methane mitigation systems as well as directing of non-routine and emergency response services as required in accordance with the requirements of the Orange County Fire Authority and the City of Brea. The project experience included soil remediation system design.

University of Irvine (Irvine, CA)

- Responsibility included assisting in the preparation of a Remedial Action Plan (RAP) and feasibility study for soil and groundwater remediation using dual phase vapor extraction technology at a fleet services facility. The project experience included assisting in the design of a remediation system for soil and groundwater cleanup to bring the site to closure. Remediation of soil and groundwater was completed and verified by post-closure monitoring of groundwater.

Blue Ridge Landfill (Fresno, TX)

- Served as Project engineer for the engineering and construction of a $6M landfill gas (LFG) energy recovery system with 34-mile gas pipeline. The system designed for an initial capacity of 5,000 SCFM and a maximum capacity of 9,000 SCFM LFG. The compressor plant includes a screw gas compressor, gas dehydration in a custom designed heat exchanger skid, redundant outlet gas scrubbers, and gas analyzers to measure gas quality before injection into the pipeline.

Enoree Landfill (Greer, SC)

- Served as Project engineer for the engineering of a $500K siloxane removal skid assembly for a LFG energy recovery project. The skid assembly treated 1,200 SCFM LFG prior to burning in two Caterpillar 3520 engines. The process dehydrated the gas with a chilled water system and remove siloxane in several beds.

California Energy Commission (Los Angeles, CA)

- Served as Co-Principal Investigator for a CEC funded project ($95K) to develop an economical and robust process to remove siloxanes from biogas by evaluating the technical feasibility of a novel photodecomposition technology within the context of biogas treatment. Responsibility included: proposal preparation, system design, conducting experiments, budget preparation/management and final report preparation.

Education

PhD, Mechanical Engineering, University of Southern California

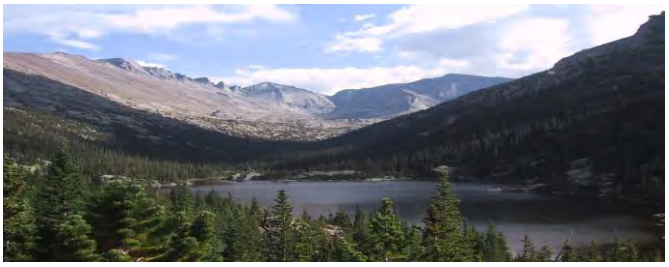
Certification

- Professional Civil Engineer in California (#C78232)
- Professional Mechanical Engineer in California (#M34081)
- Hazwoper 40 Hr and Refresher

Languages

- English and Chinese

Christina Vickers, M.S.
Regional Director/Environmental Professional
Phoenix Office
Christina@frenviro.com
(313) 303-2316



Christina Vickers is a Regional Director and Environmental Professional within Fulcrum Resources Environmental.

Ms. Vickers specializes in helping clients with the following:

- Transaction Screen Assessments
- Database Reviews
- Phase I and II Environmental Site Assessments

Phase I and II Environmental Site Assessments

- Ms. Vickers has worked on hundreds of Phase I Environmental Site Assessments (ESAs) throughout the United States for sites including multi-family residences, high-rise offices, retail shopping centers, gasoline stations, automotive repair facilities, hotels, agricultural land, schools and industrial/manufacturing facilities.

- Ms. Vickers has completed Phase I ESAs for numerous real estate developers, brokers, attorneys and property owners in order to complete due diligence requirements for property transfers and acquisitions.

- Ms. Vickers has provided assistance with Phase II Subsurface Investigations by collecting groundwater and soil samples, preparing the samples for laboratory analysis, characterizing soil lithology and technical report writing. In addition, Ms. Vickers has provided assistance with Hazardous Materials Surveys and Asbestos Surveys by identifying hazardous building materials and potential asbestos containing materials within commercial properties, collecting and preparing the samples for laboratory analysis and technical report writing.

- Ms. Vickers has provided Quality Assurance/Quality Control reviews for hundreds of Phase I ESA reports completed on properties located throughout the Western United States.

Key Experience/Key Projects

Former Manufacturing Facility; Chandler, AZ.

- Ms. Vickers performed a Phase I Environmental Site Assessment for a retail shopping center with five tenant suites. The property was formerly developed with a circuit board manufacturing facility for approximately 37 years. Due to Volatile Organic Compound (VOC) impacts to soil, the property was accepted into the Arizona Department of Environmental Quality's Voluntary Remediation Program.

Car Dealership; Yuma, AZ.

- Ms. Vickers performed a Phase I Environmental Site Assessment of a forty-year-old car dealership. The property encompassed two non-contiguous parcels of land and included five automotive sales and service buildings, multiple aboveground storage tanks, underground storage tanks, spray paint booths, hazardous materials storage areas, and in-ground hydraulic lifts.

Truck Stop; Phoenix, AZ.

- Ms. Vickers performed a Phase I Environmental Site Assessment for a truck stop and travel center which included a convenience store, fast food restaurant, and a truck wash and repair facility. Over the course of 26 years, the property maintained a total of ten underground storage tanks with multiple releases reported for the tanks. In addition, the property included eight drywells, multiple aboveground storage tanks, oil/water separators and sumps.

Former Circuit Board Manufacturer; Tempe, AZ.

- Ms. Vickers performed a Phase I Environmental Site Assessment for a flex office/warehouse with a history of circuit board manufacturing. Ms. Vickers performed lengthy file reviews and discovered past tenants illegally dumped hazardous waste into an on-site drywell. A former tenant of this property was identified by the EPA as a responsible party for the South Indian Bend Wash Superfund site, with a documented VOC plume located beneath this property.

Gasoline Station Portfolio; Northern Arizona.

- Ms. Vickers completed Phase I Environmental Site Assessments for a mini-portfolio of gasoline stations located throughout northern Arizona. The gasoline stations either had multiple generations of underground storage tanks, documented releases, oil/water separators, car wash facilities, septic systems or on-site potable water wells etc.

Education

Bachelors of Science in Earth Sciences, University of Michigan-Dearborn, 2007

Master of Science in Environmental Science, University of Michigan-Dearborn, 2010

Heather N. Conner
Principal Consultant/East Coast Operation's Manager
Balitmore Office
heathernconner@gmail.com
(443) 735 8540

Heather Conner is the Principal Consultant and East Coast Operation's Manager within Fulcrum Resources Environmental

Heather specializes in helping clients with the following:

- Transaction Screen Assessment
- Phase I and II environmental site assessment
- Property Condition Assessment
- Technical consulting
- Project Management
- RFI sample program management
- Chesapeake Bay Critical Areas Plan Review and Inspection
- Regulatory Records Research and Review
- Asbestos-Containing Material (ACM) Operations & Maintenance Plan
- Lead-in-water and Radon Testing
- Remediation and Monitoring Tactics
- Agency Oversight Assistance

Key Experience/Key Projects -

Phase I and II Environmental Site Assessments

- Conducted over 1,000 nationwide Phase I environmental site assessments on sites ranging in nature from small commercial businesses to Superfund redevelopment areas, including but not limited to Lanterman Development Center (LDC); Beverly Center; City of Hope Medical Group; Fess Parker Resort Hotel Development Property; US Foodservices; portfolio project of various Residence Inn Extended Stay Hotels; River Rail Apartments; monitoring current landfills in City of Puyallup, Washington; and Tires Plus Total Car Care. Ms. Conner also performed technical consultant and remedial support for Brownfield redevelopment of historical Berk Oil and Pacific Metal Craft Sites.

  Ms. Conner is the Due Diligence Specialist for LRS Federal and works closely with the Project team, providing guidance for Phase I assessment activities.

Lanterman Development Center (LDC)

- Performed Site Assessment and Managed LDC Project. LDC is a 900-acre, State-owned campus for the developmentally disabled located in the city of Pomona, California. With a rich 100-year history, assessment of the LDC involved the inspection of 21 client residences, an acute hospital with sewage lift station, an auditory clinic, a library, a cafeteria, a vocational training center, storage buildings, recycling center, garden center, various staff buildings including residential dorms and dwellings, administration building, staff training facility, research building, conference center, credit union, police and emergency services, motor pool, grounds maintenance facility, power plant with underground storage tanks and boiler room, machine shop, laundry services, paint/woodworking shop, auto repair building, gas station, car wash, motor pool, and hazardous materials and waste storage facilities. Recreational facilities assessed included an auditorium, school, day care facility, swimming pool, playgrounds, camp with concession stand, cabins, and an amphitheater, carousel, equestrian center with a petting zoo, track, and a ballpark. In addition to these structures, the LDC campus utilizes its own water distribution system, equipped with two large reservoirs, a pump house, and various on-site water wells.

Education

Bachelors of Science in Biology with a concentration in Environmental Science, Salisbury University, 2001

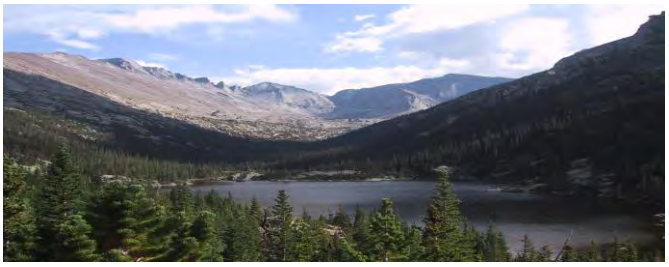
Certification

- 40-hour OSHA HAZWOPER Training Certificate
- 4-Hour Disaster Training Certificate
- Maryland Sediment Erosion Control Certificate

Languages

- English, native speaker

Wendy Moore, B.S.
Client Manager/Senior Environmental Scientist
Los Angeles Office
wendy@frenviro.com
(323) 315-0996



Wendy Moore is a Client Manager and Senior Environmental Scientist within Fulcrum Resources Environmental.

Wendy specializes in helping clients with the following:

- Transaction Screen Assessment
- Phase I and II Environmental Site Assessment
- Site investigation and assessment
- Peer report review
- Asbestos and lead inspections pre demolition, restoration and renovation
- CEQA/NEPA
- Agency oversight assistance

Key Experience/Key Projects -

- Managed and completed over 1,500 Phase I Environmental Site Assessments (ESAs) for various industries and properties including wireless telecommunications, hospitals, industrial, commercial, and landfills across North America since 2000. Implementation of American Society for Testing and Materials (ASTM) Standard Practice E1527-13 and U.S. Environmental Protection Agency Standards and Practices for All Appropriate Inquiries (40 CFR Part 312) in the United States and CAN/CSA-Z768-01 and Ontario Regulation 153/04 in Canada (Ontario).

- Completed numerous National Environmental Policy Act (NEPA) Screening reports and Environmental Impact Assessment reports for the telecommunications industry.

- Completed numerous limited asbestos surveys and lead-based paint surveys for various facilities and properties. Activities included limited sampling and report writing

- Completed and assisted with various Phase I ESA and Phase II Investigations around the Los Angeles metropolitan area for the Albert Sweet Development Corporation.

- Managed and trained staff in completing a variety of environmental service related tasks.

- Managed numerous sub-consultants nationwide assisting with Phase I ESAs conducted nationwide.

- Assisted in various Phase II Investigations around the Los Angeles metropolitan area. Investigations included quarterly groundwater monitoring undertaken for Pentair, 2001 and groundwater well installation and soil sampling for Parish, Inc.

- Preparation of Quarterly RECLAIM reports and Annual Emissions reports for clients such as American Airlines, Inc. and Kal Kan Foods, Inc.

- Provided technical support on numerous major projects including the Charnock Initial Regional Response Activities on behalf of Shell Oil Company. Work on this and other projects involved data acquisition, processing as well as electronic conversion of boring logs.

- Participated in major subsurface investigation at Vernon Steel, California, including quarterly groundwater monitoring.

- Assisted with compilation of remediation team in New Orleans subsequent to hurricane Katrina (2006).

Education

Bachelors of Science in Earth Sciences, University of Johannesburg, South Africa, 1998*

Bachelors of Science Hons. in Geography and Environmental Management, University of Johannesburg, South Africa, 1999*

*Bachelors of Science certification issued by the University of Toronto - Comparative Education Service, 2000

Professional Papers

Key author in preparation of an *Initial Study and Mitigated Negative Declaration for the City of Hawthorne Refuse and Recycling Services System Update and Redesign*, 2002.

Certification

- Registered Environmental Assessor #08254
- EPA-Compliant Environmental Professional (40 CFR Part 312)
- OSHA Building Inspector
- 40-hour OSHA HAZWOPER

Languages

- English, native speaker
- Italian, moderate speaker
- Afrikaans, moderate speaker

Darren Johnston
Director of Sustainability Consulting Services
Colorado Office
djohnston@uhgconsulting.com
(603) 661-5167

Darren Johnston is Director of Sustainability Consulting Services for UHG Consulting.

Darren specializes in helping clients with the following:

- Energy Audits
- LEED Certification
- AB1103
- Energy Star
- Water Audits
- Waste Audits
- Alternative Energy
- Sustainability Audits

Key Experience/Key Projects -

Energy Audits

- Performed field work, project management, budgeting, client management, and completion of report for clients in sites nationwide. Energy Audit reports have identified millions of dollars of opportunities to reduce energy consumption. Recently helped a client in Colorado reduce their energy consumption by over million dollars a year.

LEED Certification

- Have led LEED Certification efforts for clients seeking LEED-NC, LEED-EB, and LEED-ND. Responsible for managing the LEED process, project credit selection, LEED budgets, documentation, and LEED reports. Recently helped a corporate headquarters in Colorado receive a LEED Gold certification, and hotel in Florida receive a LEED Silver certification.

Energy Star

- Responsible for maintaining multiple client Energy Star portfolios. Manage, edit, input, and update Energy Star portfolios to maximize Energy Star scores. Recently helped multiple County buildings in Colorado achieve Energy Star awards.

Water Audits

- Responsible for analyzing the water usage of multiple clients across the United States. Through analysis and project management have assisted clients in implementing improved water reduction strategies. Recently helped a 250 unit apartment complex in Ohio reduce their water usage by greater than 50%, reducing their monthly bills by over $100,000 a year.

Sustainability Audits

- Responsible for analyzing the practices of organizations and providing input on how to operate their organizations more efficiently. Recently completed an audit for a domestic airline, analyzing their operations and providing recommendations on how to operate more efficiently.

Education

Bachelors of Science in Computer Science, Boston University, 1996

Masters of Business Administration, Stanford University, 2003

Professional Papers

Building the Principles that Sustain Us, Planet Profit Report, May 2011
How an outside consultant can help green your hotel, Green Lodging News, February 2011
Greening the Colorado Convention Center, Architect Magazine, January 2011
An Introduction to LEED Certification for Hotels, Lodging Hospitality, October 2010
Managing Utilities, Bottom Line, April 2009

Certification/ Boards

- Qualified Commissioning Process Provider Certification, University of Wisconsin, 2010
- United States Green Building Council Member
- Board Member, Green Up Our Schools, 2010-2013
- Board Member, Ignite Innovations 2004-2010
- Board Member, Center for ReSource Conservation, 2009-2012
- Advisory Board Member, Evolve Electrics 2008-2013
- United States Green Building Council Member

Languages

- English, native speaker
- Moderate Speaker in Spanish
- Moderate Speaker in German

Kristina Krissakova-Thomas
Environmental Assessor, Project Manager
Orange County Office
(949) 266 7173

Kristina Krissakova-Thomas is an environmental scientist and the Environmental Assessor and Project Manager within Fulcrum Resources Environmental primarily for Orange County and San Diego County.

Kristina specializes in helping clients with the following:

- Transaction Screen Assessment
- Phase I and II environmental site assessment
- Property Condition Assessment
- Project Management
- Regulatory Records Research and Review
- Agency Oversight Assistance

Key Experience/Key Projects -

Project Management

Ms. Krissakova-Thomas in an experienced environmental assessor and project manager. She conducted over 100 Phase I environmental site assessments on sites ranging in nature from small commercial businesses to Superfund redevelopment areas. Ms. Krissakova-Thomas is involved in all aspects of Phase I projects including field work, tenant/owner interviews, extensive agency file reviews, historical analysis, database reviews and the generation of final reports. Ms. Krissakova-Thomas is also an expert in consulting with owners, investors, lenders, and brokers.

Ms. Krissakova-Thomas prepared over 150 California Hazardous Material Business Plans for a major nationwide contractor's retail chain.

Ms. Krissakova-Thomas assisted in preparation of Health and Safety Plans and Work Plans as a part of environmental subsurface conditions assessments.

Ms. Krissakova-Thomas is also experienced in conducting environmental health and safety tenant audits for commercial and industrial facilities.

Proposals and Cost Preparation

Mr. Krissakova-Thomas is experienced in planning and assembling project proposals for Phase I Site Assessments. She is responsible for building and maintaining of a professional network and sourcing of new clients, primarily in the Orange and San Diego County area.

Computer Software Knowledge

- ARC GIS
- Microsoft and Adobe
- California Environmental Reporting System (CERS)

Education

Bachelors of Environmental Management (May 2007) Comenius University in Bratislava, Slovakia Faculty of Natural Sciences

Master of Environmental Planning and Management (May 2009) Comenius University in Bratislava, Slovakia Faculty of Natural Sciences

Certification

- 40-hour OSHA HAZWOPER Training Certificate

Languages

- English
- Slovak, native speaker
- Czech
- Polish
- Spanish

Tiffany N. Tona, M.S.
Project Manager
San Jose and Southern California
tiffany@frenviro.com
(657) 203-5549

Tiffany Tona is a Project Manager within Fulcrum Resources Environmental.

Tiffany specializes in helping clients with the following:

- Transaction Screen Assessment
- Phase I Environmental Site Assessments
- Historical Research Investigations
- NEPA Checklists and Compliance Assessments
- SHPO Compliance Assessments

Key Experience/Key Projects -

Phase I Environmental Site Assessments

- Performed Phase I Environmental Site Assessments since 2013, for various facilities that include but not limited to gas stations, car dealerships, manufacturing facilities, telecommunications facilities, commercial buildings, auto repair, agricultural farmland, apartment complexes, commercial offices, storage facilities, industrial facilities, and restaurants. Work performed in Northern and Southern California. Followed ASTM E 1527-05/All Appropriate Inquires Standards and current ASTM E 1527-13 Standards.

- Subsurface investigation projects include: leaking underground storage tank historical research and remediation planning for former and existing gas stations and automotive repair shops in Southern California; subsurface analysis of former and existing tank farms in Northern and Southern California; and remedial investigations of proposed and existing Telecom facilities for Verizon Wireless and AT&T.

NEPA Checklists and Compliance

- Performed NEPA Checklist reviews for compliance under the National Environmental Policy Act (NEPA) for proposed and existing Telecom facilities, and colocation agreements for Verizon Wireless and AT&T. Determination of compliance included the review and verification of environmental impact assessments conducted at proposed and existing telecom facilities regarding the facility's impact on migratory birds, local endangered flora and fauna, 100- and 500-year flood zone influences, as well as potential impact to human health. All compliance reviews were conducted in accordance with NEPA telecommunications standards.

Education

Bachelors of Arts in Japanese, University of Oregon, 2006

Masters of Science in Environmental Management, University of San Francisco, 2012
Thesis: Swift advancements in electronic waste management for New York City: Electronic Equipment Recycling and Reuse Act

Professional Papers

Development of a low-carbon indicator system for China. Habitat International, January 2013, pages 4-21.

Certifications

- 40-hour OSHA HAZWOPER
- Red Cross/First Aid, 2012

Shauna Davis, M.S.
Midwest Regional Manager/Environmental Professional
Chicago Office
shauna@frenviro.com
(661) 331 1842

Shauna Davis is Midwest Regional Manager and Environmental Professional within Fulcrum Resources Environmental

Shauna specializes in helping clients with the following:

- Transaction Screen Assessment
- Phase I and II environmental site assessment
- Site investigation and assessment
- Technical site review
- Remediation and Monitoring Tactics
- Health and Safety
- NEPA
- Agency Oversight Assistance
- Conceptual Site Models

Key Experience/Key Projects -

Phase I and II Environmental Site Assessments

- Performance of over 400 environmental site assessments nationwide since 2007 that include but are not limited to gas stations, dry cleaners, heavy manufacturing sites, retail sites, oil and gas sites, multi-tract residential apartments and housing, power generation facilities, and landfills. Ms. Davis also has extensive involvement with Non-CERCLA sampling per specific client protocol that include radon testing and lead in water sampling.

- Ms. Davis also has experience in completion of Phase II Environmental Site Assessment reports and Groundwater Monitoring Reports for former and current industrial facilities undergoing remediation.

- Ms. Davis has experience in hydrogeological concepts effecting the fate and transport of contaminants in the environment and has participated in the completion of fate and transport models, capture zone analysis of remediation systems, and interpretation and analysis of water level transducer data.

Health and Safety

- Ms. Davis has performed annual Environmental Health and Safety Audits for commercial properties located throughout Southern California. Audits include assessment of fire suppression safety, warehouse safety, chemical inventory practices, and permitting and licensing.

- As former Chemical Hygiene Manager for the Environmental Protection Agency's research vessel Lake Guardian, Ms. Davis supervised safety of sampling activities, laboratory activities, chemical usage and storage, and performed quality control drinking water sampling and analysis.

Education

Bachelors of Science in Earth and Environmental Science, University of California - Irvine, 2006

Masters of Science in Geology, Emphasis in Hydrogeology, California State University - Los Angeles, 2012

Professional Papers

Analysis of the Geochemistry of Permafrost Fed River Samples and Glacial Fed River Samples Collected from Tributaries of the Yukon, Tanana, and Copper Rivers in Alaska. Research Paper for California State University-Los Angeles, August 2012

Certifications

- 40-hour OSHA HAZWOPER with Refresher

Gabe Touma, CHMM
Midwest Operations Manager
Denver Office
Gabe@frenviro.com
(720) 468 2420

Gabe Touma is Midwest Operations Manager within Fulcrum Resources Environmental

Gabe specializes in helping clients with the following:

- Phase I and II environmental site assessment
- Site investigation and assessment
- Technical site review
- RFI sample program management
- Alternative Energy/solar/wind
- Asbestos in soil project management and remediation
- Asbestos inspections associated with demolition, restoration and renovation
- Lead in soil/surveys
- Indoor air quality
- Monitoring/remedial Well installation
- Health and Safety- Environmental Construction/drilling
- Noise surveys
- Waste profiling/treatment/disposal

Key Experience/Key Projects -

Santa Susanna Field Laboratory

- Under the direct oversight of the California Department of Toxic Substances Control (DTSC), conducted a Phase I Environmental assessment and historic review of a 3,000-acre property that operated as cold war facility. Operations included nuclear reactor experiments, rocket testing, space shuttle engine testing and missile development. Prepared a sampling analysis program and conducted RFI sampling and management of over 600 boring locations. Such efforts included the management of up to four field personnel as well as health and safety.

Stapleton International Airport

- Management for large construction projects involving excavation of hazardous materials including the Former Stapleton International Airport. Management of up to eight field personnel. Tasks included technical site management as well as health and safety.

Fields of Competence

- Industrial hygiene
- Environmental site assessments
- Environmental remediation

Education

Bachelors of Science in Biological Science, California State University, Fullerton, California

Western State University College of Law
Property Law I and II
Civil Procedure I and II
Legal writing I and II

Certification

- Certified Hazardous Materials Manager
- Certified Colorado Building Inspector
- 40-hour OSHA HAZWOPER

Languages

- English, native speaker

Key Industry Sectors

- Commercial real estate transactions
- Oil and Gas
- Industrial hygiene
- Waste management and recycling;
- Construction management

Previous representative employers –

- CH2M Hill
- Tetra Tech, ECI
- Delta Environmental

Steve Oak, MEM
Northeast Regional Manager
New York/New Jersey Office
(201) 543 3817

Steve Oak is a Regional Project Manager and Environmental Scientist within Fulcrum Resources Environmental

Steve specializes in helping clients with the following:

- Transaction Screen Assessment
- Phase I and II environmental site assessment
- Property Condition Assessment
- Technical consulting
- Project Management
- Regulatory Records Research and Review
- Asbestos-Containing Material (ACM) Operations & Maintenance Plan
- Lead-in-water and Radon Testing
- Remediation and Monitoring Tactics
- Agency Oversight Assistance

Key Experience/Key Projects -

Project Management

- Mr. Oak has extensive experience in conducting Phase I and II Environmental Site Assessments. Throughout the United States. These sites have included gasoline stations, automotive repair stations, manufacturing facilities, warehouse, dry cleaners, strip malls, hotels, multi-family houses, restaurants, and offices.

  Mr. Oak has also conducted many subsurface investigations that included soil and groundwater testing to meet lender, government, and agency requirements.

Proposals and Cost Preparation

- Mr. Oak is experienced with handling multiple Phase I and II proposals while also performing or managing various workloads.

Computer Software Knowledge

- Power Point
- Excel
- Microsoft

Education

Bachelors of Arts, Seoul National University-2000

Master of Sciences, Environmental Management, Yale University-2003

Certification

- California Registered Environmental Assessor #30281
- 40-hour OSHA HAZWOPER Training Certificate
- ASTM Phase I and II Assessment for Commercial Real Estate Course Due Diligence at Dawn Seminar by EDR, Inc. May 2007
- Underground Storage Tanks-NJDEP's Regulatory Training-June 2007 (Edison, NJ)
- Geology, Hydrology, and Chemistry-October 2007
- NJDEP Proposed Soil Remediation Standards by NJDEP-October 2007
- Site Remediation Basic by NJDEP-February 2008
- Introduction to Groundwater Investigation by US EPA-March 2008
- Certified Environmental Manager (CEM) #9934

Languages

- English
- Korean

Jeff Clifton
Environmental Engineer/Southern Operations Manager
(Dallas, TX)
jeffsclifton@gmail.com
(214) 862 5620

Jeff Clifton is a Senior Environmental Scientist that performs Phase I Environmental Site Assessments/ Phase II Environmental Site Assessments/ Property Condition Assessments

Jeff specializes in helping clients with the following:

- Government FDIC Checklists for single-family residences
- Phase I and II environmental site assessment
- Site investigation and assessment
- Technical site review
- Property Condition Assessments
- Asbestos, lead, mold, and microbial inspections associated with demolition, restoration and renovation
- Remediation and Monitoring Tactics
- Health and Safety- Environmental Construction/drilling
- Agency Oversight Assistance
- Soil Engineering
- Environmental Compliance Audits

Key Experience/Key Projects -

Geotechnical Experience

- Mr. Clifton performed geotechnical testing involving Atterberg Limits, Plastic Limits, Sieve Analysis, Free Swell Analysis, and Unconfined Strength Testing. Mr. Clifton is also experienced in performing duties involving construction materials testing, soil density gauge testing, soil moisture/density relationships, concrete sampling and testing, and pier inspection.

Phase I and II Environmental Site Assessments

Performed over 2,000 environmental site assessments nationwide since 2003 that include but not limited to gas stations, dry cleaners, heavy manufacturing sites, multi-tract residential apartments and housing. Mr. Clifton is experienced in handling government FDIC work and portfolio work involving dual-scope or multi-scopes of Phase I Environmental Site Assessment, Property Condition Assessments, and/or asbestos and lead testing.

Jeff is also experienced with handling aspects of Non-CERCLA items and soil vapour intrusion related to ASTM Standards.

Jeff's Phase II experience involves dry cleaners, gas stations, and major industrial facilities.

Client Management

Mr. Clifton currently assists with client relationship and management through attending quarterly meetings, and educating clients on environmental issues.

Education

Bachelors of Science in Environmental Soil and Water Science, University of Alabama, 2001

Certifications

- Texas Department of State Health Services Certified Asbestos Inspector
- Oklahoma Department of Labor Licensed Asbestos Inspector

Computer Skills

- PARCEL Platform
- GIS, GPS, VISIO, and AUTOCAD

Languages

- English, native speaker

Ian Culp
Environmental Assessor
Bay Area Region Offices
ian@frenviro.com
(925) 200-2230

Ian is an associate environmental assessor that specializes in conducting field assessment work and Phase I Environmental Site Assessments.

Ian is experienced with the following tasks:

- Phase I Environmental Site Assessments
- Soil and groundwater sampling
- Air monitoring

Key Experience/Key Projects -

Master Phase I Environmental Site Assessment of Industrial Facility (Richmond, California)

- Conducted a master Phase I Environmental Site Assessment of a 10 acre, multi-tenant industrial facility. The facility contained a UST, and multiple hazardous materials

Phase I Environmental Site Assessment Report of Industrial Facility (Oakland, California)

- Former City of Oakland Firehouse, built in the early 1960's and had been vacant for several years. Responsibilities included identification of asbestos building materials, extensive water damage, pest damage, a large amount of pesticide/herbicide being stored, and a large gasoline AST.

Phase II Environmental Site Assessment of Retail Commercial Facility (Sea Ranch, California)

- Responsible for obtaining groundwater permits, and choosing groundwater sample locations with Senior Geologist. Also responsible for collecting groundwater sampling and setting temporary wells

Phase I and Phase II Environmental Site Assessment of Gas Station (Dunnigan, California)

- Responsibility included assisting in the preparation of a Phase II Proposal and obtaining proper files for Phase I and Phase II Assessment

Education

B.A.-Archaeology-California State University-East Bay

Certification

- Hazwoper 40 Hr

Languages

- English

Caitlin D. Culp
Environmental Professional and Project Manager
Santa Clara/South Bay Offices
caitlin@frenviro.com
(925) 200-7032

Caitlin is an Environmental Professional and Client Manager within Fulcrum Resources Environmental. Caitlin has managed multiple clients and Phase I/II Reports throughout greater Northern California.

Caitlin is experienced with the following tasks:

- Phase I Environmental Site Assessments
- UST Compliance
- Subsurface Investigations
- Project Management
- Health Risk Assessments
- Asbestos and Lead Sampling
- Soil and groundwater sampling
- Air monitoring

Key Experience/Key Projects -

Subsurface Investigation of Former UST Site (Gilroy, California)

- Conducted a geophysical investigation via ground-penetrating radar and found location of former UST. Continued to assess the area of the former tank with soil vapour, soil, and groundwater sampling. Completed health risk assessment with vapour data

Phase I Environmental Site Assessment Report of Industrial Facility (Freemont, California)

- Conducted a Phase I Environmental Site Assessment of former SLIC Site within area of multiple open SLIC cases with the waterboard. Was able to consult with client and agency to obtain clearance letter from SFRWQCB.

Phase I Environmental Site Assessment & Asbestos and Lead Sampling of Industrial Facility (San Jose, California)

- Assisted with collecting asbestos and lead sampling while also conducting a Phase I Environmental Site Assessment of warehouse portion of industrial facility to be renovated.

Portfolio of Phase I Environmental Site Assessments for ground floor commercial and residential apartments (Oakland and San Francisco, California)

- Conducted 15 site walks of multi-story commercial and residential apartment buildings throughout greater San Francisco and Oakland area, and managed client demands. Some of the structures had issues with former tanks onsite, or dry cleaners where a indoor air monitoring and a health risk assessment was necessary. One of the apartments had a dry cleaner operation.

Subsurface Investigation of Former Manufacturing Facility and Machine Shop (Sunnyvale, California)

- Assisted Senior Geologist with proposed locations to drill at manufacturing facility. The investigation consisted of collecting groundwater, soil, and soil vapor samples, in which a J&E Model was conducted.

Education

B.S. Biology-University of California-San Diego
M.S. Environmental Management-University of San Francisco

Certification

- Hazwoper 40 Hr

Languages

- English

Andrew J. Dziedzic, REPA
Regional Project Manager
Philadelphia, Pennsylvania Office
(215) 534 4155

Andrew Dziedzic is a Regional Project Manager within Fulcrum Resources Environmental.

Andrew specializes in helping clients with the following:

- Transaction Screen Assessment
- Phase I and II environmental site assessment
- Site investigation and assessment
- Technical site review
- Asbestos and lead-based paint
- Remediation
- Business Development

Key Experience/Key Projects:

Phase I, II, and III Environmental Site Assessments

- Extensive expertise on many portfolio and debt and equity transactions throughout the United States and Mexico.

- Proven track record of providing timely and accurate technical information and professional opinions regarding potential issues to assist clientele in environmental liabilities and tasks.

- Performed thousands of environmental investigations of all property types including commercial, residential, multi-family, and industrial properties. These investigations have been in accordance with Freddie Man, Fannie Mae, and ASTM Guidelines.

- Extensive knowledge of state and federal regulations with over 20 years of experience.

- Expertise in asbestos and lead-based paint, subsurface investigations, and remediation.

Previous Employment Experience

Land America Commercial Services, Brinkerhoff Environmental Services, Raritan Enviro Sciences, & GA Environmental Services 1994-2004

- Managed and supervised the performance of multiple Phase I and II Environmental Assessments, Site Investigations, and Remedial Investigations for private equity groups, commercial mortgage and construction lenders, real estate investment trusts, and commercial mortgage backed securities, including preparation and review of expert reports.
- Managed and performed UST removal, subsurface evaluation and soil and groundwater investigations.

- Performed ISRA Preliminary Assessments for commercial/industrial properties governed under the New Jersey Industrial Site Recovery Act including historical site characteristics, area of concern identification, and soil and groundwater sampling and report preparation.

Advantage Environmental Consultants and Property Solutions, Inc. 2006-2009

- Developed bid packages and won Phase I & II, soil & groundwater remediation and UST projects including Brownfields redevelopment investigation, Asbestos abatement projects, New Jersey ISRA compliance projects and mercury contaminated soil removals.
- Responsible for client management and business development for the Philadelphia Regional Office, scheduling of personnel and direction of resources, financial tracking, coordination of daily business and office activities, as well as perform and manage all aspects of Phase I and Phase II Environmental Site Assessments, Site Investigations and UST closures on projects throughout the Pennsylvania/New Jersey region.
  Technical Manager and Regional Manager of the Irvine, California office, responsible for managing the environmental operations and staff of the Western Region.

Education

Bachelors of Art, Earth and Environmental Sciences with Minor in Business, Wilkes University, 1993

Certification

- 40-hour OSHA HAZWOPER Training
- 8-hour OSHA HAZWOPER Supervisor Training
- Licensed Subsurface Evaluator/UST Closure, NJDEP No. 18809
- EPA/AHERA Asbestos Building Inspector

Languages

- English

Anthony Ligutom
Geologist
North Dakota Office
ajligutom@gmail.com
(701) 202-9179

Anthony Ligutom is a Geologist at Fulcrum Resources Environmental.

Anthony specializes in assisting clients with the following:

- Phase I Site Assessment
- Phase II Site Remediation
- Monitoring and production well installation
- Soil and groundwater sampling
- Technical report writing
- Site investigation and assessment
- Health and safety audits and documentation
- State and federal environmental regulation knowledge for North Dakota.
- Environmental Research

KEY EXPERIENCE/PROJECTS -

Project Management

- Project proposal writing, budgeting and field preparation with respect to the clients and regulations. Consistent and reliable communication with all stakeholders regarding progress of the project. Post field work report writing.
- These projects were in the North Dakota Bakken oil fields. Some were for emergency response to spills and leaks in adverse weather and remote locations.

Health and Safety

- Developed and prepared job safety and project safety specific programs. I was part of risk management teams that were used to not only determine the scope of work but how to best mitigate potential hazards. Trained new staff with respect to behaviour-based safety and ensured they were properly equipped to work in adverse weather conditions.

Phase I and II Environmental Site Assessments

- Performed fieldwork, project management, budgeting, client management, and completion of report for clients throughout North Dakota. Performed environmental site assessments for properties such as commercial and industrial buildings. Environmental investigations to determine the nature and extent of soil, sediment, and groundwater impacts.

Field Work

- Experienced in installing monitoring and production wells. Soils logging using the USCS. Groundwater and soil sampling conducted in many states through various methods. Contractor oversite for emergency response, drilling, well installations, UST removals and for remediation system installations. Operations and maintenance for remediations systems.

Education

Bachelor of Science in Geology, California State University of Los Angeles, 2005

Certifications

- 40-hour OSHA HAZWOPER
- OSHA 10 Hour

Languages

- Spanish, English

Steffany Goetz
Southeast Operations and Client Manager
Orlando, Florida Office
steffany@frenviro.com
(321) 312-8342

Steffany is an environmental professional and also manages the South-eastern division for Fulcrum…

Steffany specializes in helping clients with the following:

- • Phase I and II Environmental Site Assessments
- • Soil and groundwater sampling
- • Site Closure
- • Technical site review
- • Health and Safety
- • Well Abandonment
- • Hazardous Materials Management

Key Experience

LUST closure-Wyndham Bay Point Resort Golf Course (Panama City, Florida)

Ms. Goetz was the point person and onsite field technician in conducting well installations, scheduling and coordinated of staff, well sampling, and client and agency correspondence for an open LUST case for two former USTs located within the maintenance yard portion of a golf course located at the Wyndham Bay Resort. Ms. Goetz's experience proved beneficial in assisting the client in obtaining a low-threat closure, and saving time and money.

Phase I Restaurant Portfolio in Counties of Brevard and Orange, Florida

Ms. Goetz scheduled and oversaw the management of eleven Phase I reports for Dennys and IHOP restaurants within Brevard and Orange County, Florida. Ms. Goetz was also the key point of contact in communicated with client as several of the restaurants were former gas stations that required additional due-diligence.

Statewide Florida Gas Station Portfolio Acquisition Involving Phase I & II Site Assessments

Ms. Goetz was personally in charge is coordinating and visiting a total of 25 gas stations throughout the state of Florida. Ms. Goetz oversaw compliance issues, and also addressed all RECs at the gas stations where further subsurface investigation and initiating of groundwater monitoring under the Florida Department of Environmental Protection was needed.

ARCO Gas Station (Ocala, Florida)

Ms. Goetz conducted the Phase I investigation of a two generation gas station in Ocala, Florida that also required additional due-diligence. Ms. Goetz was also responsible for coordinating with the client the need for additional assessment, and was also the field technician involved with the geophysical survey and subsurface investigation.

Car Wash (Key Largo, Florida)

Ms. Goetz had conducted a cursory review of a car wash that was a former auto repair site, and that had impacted groundwater. The other consultant recommended additional remediation, where Ms. Goetz disagreed and was able to get a closure status through the Florida Department of Environmental Protection based on low levels of BTEX in groundwater. Ms. Goetz was able to save the client nearly 100k in remediation efforts.

Drycleaner Investigation (Daytona Beach, Florida)

Ms. Goetz conducted a Phase I of a commercial-retail plaza that consisted of five parcels, which also led to the discovery of a former drycleaner operation between the 1960s-1980s that the former consultant missed. Ms. Goetz organized the subsurface investigation, consisting of installation five shallow groundwater wells. Low levels of vinyl chloride and PCE were discovered, but after several monitoring events, Ms. Goetz was able to show it was contributing to an offsite source. The Florida Department of Environmental Protection was able to issue closure.

Education

Bachelors of Science in Environmental Science, Florida Institute of Technology, 2016

Certifications

- • Red Cross/First Aid, 2015
- • 40-hour OSHA HAZWOPER with 8 Hour Refresher
- • Medical Assistance Certification, Vetterot College
- • Wind mitigation CertificationProfessional Papers

Affiliations

- Central Florida Association of Environmental Professionals

Key Industry Sectors

- Commercial/Industrial Real Estate Transactions
- ICSC
- CMBS
- Petroleum Industry
- Environmental Bankers Association

Effects of Anodic Potential and Chloride Ion on Overall Reactivity in Semiconductor Electrochemical Reactors Designed for Solar-Powered Wastewater Treatment. ***Environ. Sci. Technol.*** *2014, 48(4): 2377-2384.*

Study on Photocatalytic Degradation of Reactive Brilliant Red X-3B by Bi_2WO_6 Under Visible Light. ***China Environmental Science***. *2010, 30(12): 1608-1613.*

Degradation and Mineralization of Bisphenol A by Mesoporous Bi2WO6 under Simulated Solar Light Irradiation. ***Environ. Sci. Technol.*** *2010, 44(17): 6843-6848.*

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): 10/29/2018

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER	CONTACT NAME: Annette Bossert	
Landmark Insurance Group, LLC 6501 E. Belleview Ave. Suite 280 Englewood CO 80111	PHONE (A/C, No, Ext): (720) 403-9450	FAX (A/C, No): (720) 403-9451
	E-MAIL ADDRESS: abossert@landmarkinsgroup.com	

INSURED	INSURER(S) AFFORDING COVERAGE	NAIC #
Fulcrum Resources, Inc. 2610 Gardi St Duarte CA 91010	INSURER A : Crum & Forster Specialty Insurance Company	
	INSURER B : Hartford Insurance	
	INSURER C : Technology Insurance Company	
	INSURER D :	
	INSURER E :	
	INSURER F :	

COVERAGES **CERTIFICATE NUMBER:** CL18102505188 **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	[X] COMMERCIAL GENERAL LIABILITY [ ] CLAIMS-MADE [X] OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: [ ] POLICY [X] PRO-JECT [ ] LOC [ ] OTHER:			EPK-124745	11/01/2018	11/01/2019	EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS - COMP/OP AGG	$ 2,000,000 $ 50,000 $ 5,000 $ 2,000,000 $ 2,000,000 $ 2,000,000
B	AUTOMOBILE LIABILITY [X] ANY AUTO [ ] OWNED AUTOS ONLY [ ] SCHEDULED AUTOS [ ] HIRED AUTOS ONLY [ ] NON-OWNED AUTOS ONLY			34UECZG3786	10/29/2018	10/29/2019	COMBINED SINGLE LIMIT (Ea accident) BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident)	$ 1,000,000 $ $ $
	[ ] UMBRELLA LIAB [ ] OCCUR [ ] EXCESS LIAB [ ] CLAIMS-MADE [ ] DED [ ] RETENTION $						EACH OCCURRENCE AGGREGATE	$ $
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) Y / N: Y If yes, describe under DESCRIPTION OF OPERATIONS below	N / A		TWC3745376	11/15/2018	11/15/2019	[X] PER STATUTE [ ] OTH-ER E.L. EACH ACCIDENT E.L. DISEASE - EA EMPLOYEE E.L. DISEASE - POLICY LIMIT	 $ 1,000,000 $ 1,000,000 $ 1,000,000
A	Professional Liability Contractor Pollution Liability			EPK-124745	11/01/2018	11/01/2019		$2,000,000 $2,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

CERTIFICATE HOLDER

For Informational Purposes

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

Annette Bossert

© 1988-2015 ACORD CORPORATION. All rights reserved.

APPENDIX E
Traffic Impact Analysis Update

CRAIN & ASSOCIATES

Transportation Planning / Traffic Engineering

June 18, 2019

Mr. Wes Pringle
Transportation Engineer
Metro Development Review Division
Department of Transportation
100 S. Main Street, 9th Floor
Los Angeles, CA 90012

RE: Avenue 34 & Pasadena Mixed-Use Project Traffic Impact Analysis Update

Dear Mr. Pringle,

Crain & Associates has been requested to provide an update to the approved *Traffic Impact Report for Avenue 34 & Pasadena Mixed-Use Project*, January 2016 ("2016 Traffic Study"). Since the approval of the 2016 Traffic Study, the project team has decided to refine the project components which results in a reduction of the peak periods traffic generation. This technical memorandum has been prepared to address the refined project description and its potential impacts.

Background

The proposed project analyzed in the 2016 Traffic Study, which was approved by LADOT per the January 28, 2016 assessment letter, included the construction of 410 apartment units, 10,000 square feet of shopping center and 30,000 square feet of office spaces. The traffic study analyzed existing (2016) and future (2020) traffic conditions at ten study intersections located in the vicinity of the project. That study concluded the project would result in significant traffic impacts at the following intersections:

1. Figueroa Street and Avenue 26
2. Pasadena Avenue/Avenue 26 and Daly Street

To mitigate the project's significant traffic impacts at the above two intersections, the project proposed to implement Transportation Demand Management (TDM) Program and

300 Corporate Pointe
Suite 470
Culver City, CA 90230
310 473 6508 (main)
310 444 9771 (fax)

www.crainandassociates.com

Transportation Systems Management (TSM) Improvements. With the implementation of the mitigation measures, the project's significant traffic impacts at the above two intersections would be mitigated to a less than significant level.

As noted earlier, the project has recently been refined. The current proposed project would include up to 421 market rate apartment units, 47 affordable units and 16,444 square feet of shopping center uses. Therefore, while the amount of total units has increased, the total square footage of commercial space has been reduced.

Project Trip Generation Update

To be conservative, the project trip generation update has implemented the same trip generation rates and assumptions as the 2016 Traffic Study for the same land use types. For the affordable residential component, the LADOT affordable housing survey trip generation rates provided in Appendix A were used to determine the daily, AM and PM peak-hour trips generated by the proposed affordable residential uses. The refined project would generate less peak hour trips due to the refined project components. As shown in Table 1 and Attachment B, compared to the project trip generations included in the 2016 Traffic Study, it is estimated that the refined project will generate approximately 78 more daily trips and 4 less AM peak-hour trips and 4 less PM peak-hour trips.

Table 1
Project Trip Generation Comparison

	Daily	AM Peak Hour	PM Peak Hour
2016 Traffic Study	2128	161	199
Refined Project	2206	157	195
Net Difference	**78**	**-4**	**-4**

Findings/Conclusions

This analysis concludes that the refinements to the proposed project will not introduce any new peak hour project traffic. The project access locations will remain the same as in the 2016 Traffic Study. As Table 1 shows, compared to the trip generation for the proposed project in the 2016 Traffic Study, the trip generation values from the refined project will be 78 trips higher for daily trips, but 4 trips lower during the AM peak hour and 4 trips lower during the PM peak hour. Therefore, the project refinements will generate less peak hour trips and would not adversely change the previous traffic impact conclusions.

Sincerely,

Helen Shi, PE
Senior Transportation Engineer
TE 2474, CE 75894

HS
C22536
JB99115
attachments

ATTACHMENT A
PROJECT TRIP GENERATION RATES

Avenue 34 & Pasadena Mixed-Use Development
Refined Project Trip Generation Rates and Equations

LU	Use/Description				
	Affordable Housing - Family				
	Daily:	T=	4.08	Trips per dwelling unit	
	AM Peak Hour:	T=	0.5	Trips per dwelling unit	
	Inbound	40%			
	Outbound	60%			
	PM Peak Hour:	T=	0.34	Trips per dwelling unit	
	Inbound	55%			
	Outbound	45%			
110	Light Industrial				
	Daily:	T = (	6.97	* X)	
	AM Peak Hour:	T = (	0.92	* X)	
	Inbound	88%			
	Outbound	12%			
	PM Peak Hour:	T = (	0.97	* X)	
	Inbound	12%			
	Outbound	88%			
150	Warehousing				
	Daily:	T = (	3.56	* X)	
	AM Peak Hour:	T = (	0.30	* X)	
	Inbound	79%			
	Outbound	21%			
	PM Peak Hour:	T = (	0.32	* X)	
	Inbound	25%			
	Outbound	75%			
220	Apartment				
	Daily:	T = (	6.06	* D) +	123.56
	AM Peak Hour:	T = (	0.49	* D) +	3.73
	Inbound	20%			
	Outbound	80%			
	PM Peak Hour:	T = (	0.55	* D) +	17.65
	Inbound	65%			
	Outbound	35%			
710	General Office Building (Rate)				
	Daily:	T = (	11.03	* X)	
	AM Peak Hour:	T = (	1.56	* X)	
	Inbound	88%			
	Outbound	12%			
	PM Peak Hour:	T = (	1.49	* X)	
	Inbound	17%			
	Outbound	83%			
820	Retail (Rate)				
	Daily:	T = (	42.70	* X)	
	AM Peak Hour:	T = (	0.96	* X)	
	Inbound	62%			
	Outbound	38%			
	PM Peak Hour:	T = (	3.71	* X)	
	Inbound	48%			
	Outbound	52%			

Notes:

Source: ITE Trip Generation, 9th Edition, 2012
LADOT Affordable Housing Survey Trip Generation Rates

ATTACHMENT B
REFINED PROJECT TRIP GENERATION

Avenue 34 & Pasadena Avenue Site
Refined Project Development Level Trip Generation

ITE Code	Land-Use			Daily Trips	AM Peak Hour In	AM Peak Hour Out	AM Peak Hour Total	PM Peak Hour In	PM Peak Hour Out	PM Peak Hour Total
Currently Proposed Project Trips										
220	Apartments	421	Apt.s	2,675	42	168	210	162	87	249
	Affordable Units	47	du	192	10	14	24	9	7	16
820	Shopping Center	16,444	sf	702	10	6	16	29	32	61
	Subtotal			3,569	62	188	250	200	126	326
Less Internal Trips										
	Apartments	Based on Shopping C		(65)	(1)	(1)	(2)	(3)	(3)	(6)
	Affordable Units	Based on Shopping C		(5)	0	0	0	0	0	0
	Shopping Center	-10%		(70)	(1)	(1)	(2)	(3)	(3)	(6)
	Subtotal			(140)	(2)	(2)	(4)	(6)	(6)	(12)
Less Transit/Walk-in										
	Apartments	-15%		(391)	(6)	(25)	(31)	(24)	(13)	(37)
	Affordable Units	-15%		(28)	(2)	(2)	(4)	(1)	(1)	(2)
	Shopping Center	-15%		(95)	(1)	(1)	(2)	(4)	(4)	(8)
	Subtotal			(514)	(9)	(28)	(37)	(29)	(18)	(47)
Proposed Site Driveway Trips										
	Residential			2,378	43	154	197	143	77	220
	Commercial			537	8	4	12	22	25	47
	Total			**2,915**	**51**	**158**	**209**	**165**	**102**	**267**
Existing Site Trips										
150	Warehousing	90,233	sf	321	21	6	27	7	22	29
110	Light Industrial	28,051	sf	196	23	3	26	3	24	27
	Subtotal			517	44	9	53	10	46	56
Transit/Walk-in										
	Warehousing	-15%		(48)	(3)	(1)	(4)	(1)	(3)	(4)
	Other	-15%		(29)	(3)	0	(3)	0	(4)	(4)
	Subtotal			(77)	(6)	(1)	(7)	(1)	(7)	(8)
Existing Site Driveway Trips				**440**	**38**	**8**	**46**	**9**	**39**	**48**
Project Study Intersections Net Trip Impacts										
Site Adjacent Intersections										
	Residential			2,378	43	154	197	143	77	220
	Commercial			97	(30)	(4)	(34)	13	(14)	(1)
	Total			**2,475**	**13**	**150**	**163**	**156**	**63**	**219**
Pass-by Trips										
	Prop. Shopping Center	-50%		(269)	(4)	(2)	(6)	(11)	(13)	(24)
Other Area Intersections										
	Residential			2,378	43	154	197	143	77	220
	Commercial			(172)	(34)	(6)	(40)	2	(27)	(25)
	Total			**2,206**	**9**	**148**	**157**	**145**	**50**	**195**

MITIGATION MONITORING PROGRAM

Section 21081.6 of the Public Resources Code requires a Lead Agency to adopt a "reporting or monitoring program for the changes made to the project or conditions of project approval, adopted in order to mitigate or avoid significant effects on the environment" (Mitigation Monitoring Program, Section 15097 of the *CEQA Guidelines* provides additional direction on mitigation monitoring or reporting). This Mitigation Monitoring Program (MMP) has been prepared in compliance with the requirements of CEQA, Public Resources Code Section 21081.6, and Section 15097 of the CEQA Guidelines. The City of Los Angeles is the Lead Agency for this project.

A Mitigated Negative Declaration (MND) has been prepared to address the potential environmental impacts of the Project. Where appropriate, this environmental document identified Project design features, regulatory compliance measures, or recommended mitigation measures to avoid or to reduce potentially significant environmental impacts of the Proposed Project. This Mitigation Monitoring Program (MMP) is designed to monitor implementation of the mitigation measures identified for the Project.

The MMP is subject to review and approval by the City of Los Angeles as the Lead Agency as part of the approval process of the project, and adoption of project conditions. The required mitigation measures are listed and categorized by impact area, as identified in the MND.

The Project Applicant shall be responsible for implementing all mitigation measures, unless otherwise noted, and shall be obligated to provide documentation concerning implementation of the listed mitigation measures to the appropriate monitoring agency and the appropriate enforcement agency as provided for herein. All departments listed below are within the City of Los Angeles unless otherwise noted. The entity responsible for the implementation of all mitigation measures shall be the Project Applicant unless otherwise noted.
As shown on the following pages, each required mitigation measure for the proposed Project is listed and categorized by impact area, with accompanying discussion of:

Enforcement Agency – the agency with the power to enforce the Mitigation Measure.

Monitoring Agency – the agency to which reports involving feasibility, compliance, implementation and development are made, or whom physically monitors the project for compliance with mitigation measures.

Monitoring Phase – the phase of the Project during which the Mitigation Measure shall be monitored.

- Pre-Construction, including the design phase
- Construction
- Pre-Operation
- Operation (Post-construction)

Monitoring Frequency – the frequency of which the Mitigation Measure shall be monitored.

Action Indicating Compliance – the action of which the Enforcement or Monitoring Agency indicates that compliance with the required Mitigation Measure has been implemented.

The MMP performance shall be monitored annually to determine the effectiveness of the measures implemented in any given year and reevaluate the mitigation needs for the upcoming year.

It is the intent of this MMP to:

Verify compliance of the required mitigation measures of the MND;

Provide a methodology to document implementation of required mitigation;

Provide a record and status of mitigation requirements;

Identify monitoring and enforcement agencies;

Establish and clarify administrative procedures for the clearance of mitigation measures;

Establish the frequency and duration of monitoring and reporting; and

Utilize the existing agency review processes' wherever feasible.

This MMP shall be in place throughout all phases of the proposed Project. The entity responsible for implementing each mitigation measure is set forth within the text of the mitigation measure. The entity responsible for implementing the mitigation shall also be obligated to provide certification, as identified below, to the appropriate monitoring agency and the appropriate enforcement agency that compliance with the required mitigation measure has been implemented.

After review and approval of the final MMP by the Lead Agency, minor changes and modifications to the MMP are permitted, but can only be made by the Applicant or its successor subject to the approval by the City of Los Angeles through a public hearing. The Lead Agency, in conjunction with any appropriate agencies or departments, will determine the adequacy of any proposed change or modification. The flexibility is necessary in light of the proto-typical nature of the MMP, and the need to protect the environment with a workable program. No changes will be permitted unless the MMP continues to satisfy the requirements of CEQA, as determined by the Lead Agency.

MITIGATION MONITORING PROGRAM

BIOLOGY

MM-BIO-1 Tree Removal (Non-Protected Trees):

- Prior to the issuance of any permit, a plot plan shall be prepared indicating the location, size, type, and general condition of all existing trees on the site and within the adjacent public right(s)-of-way.
- All significant (8-inch or greater trunk diameter, or cumulative trunk diameter if multi-trunked, as measured 54 inches above the ground) non-protected trees on the site proposed for removal shall be replaced at a 1:1 ratio with a minimum 24-inch box tree. Net, new trees, located within the parkway of the adjacent public right(s)-of-way, may be counted toward replacement tree requirements.
- Removal or planting of any tree in the public right-of-way requires approval of the Board of Public Works. Contact Urban Forestry Division at: 213-847-3077. All trees in the public right-of-way shall be provided per the current standards of the Urban Forestry Division the Department of Public Works, Bureau of Street Services.

Enforcement Agency: Board of Public Works Urban Forestry Division

Monitoring Agency: Board of Public Works Urban Forestry Division

Monitoring Phase: Pre-construction

Monitoring Frequency: Once, at plan check, and once at field inspection

Action Indicating Compliance: Issuance of Certificate of Occupancy

MM-BIO-2 Habitat Modification (Native Nesting Birds):

- Proposed project activities (including disturbances to native and non-native vegetation, structures and substrates) should take place outside of the breeding bird season which generally runs from March 1- August 31 (as early as February 1 for raptors) to avoid take (including disturbances which would cause abandonment of active nests containing eggs and/or young). Take means to hunt, pursue, catch, capture, or kill, or attempt to hunt, pursue, catch, capture of kill (Fish and Game Code Section 86).
- If project activities cannot feasibly avoid the breeding bird season, beginning thirty days prior to the disturbance of suitable nesting habitat, the applicant shall:
    - Arrange for weekly bird surveys to detect any protected native birds in the habitat to be removed and any other such habitat within 300 feet of the construction work area (within 500 feet for raptors) as access to adjacent areas allows. The surveys shall be conducted by a Qualified Biologist with experience in conducting breeding bird surveys. The surveys shall continue on

a weekly basis with the last survey being conducted no more than 3 days prior to the initiation of clearance/construction work.

- If a protected native bird is found, the applicant shall delay all clearance/construction disturbance activities within 300 feet of suitable nesting habitat for the observed protected bird species (within 500 feet for suitable raptor nesting habitat) until August 31.
- Alternatively, the Qualified Biologist could continue the surveys in order to locate any nests. If an active nest is located, clearing and construction within 300 feet of the nest (within 500 feet for raptor nests) or as determined by a qualified biological monitor, shall be postponed until the nest is vacated and juveniles have fledged and when there is no evidence of a second attempt at nesting. The buffer zone from the nest shall be established in the field with flagging and stakes. Construction personnel shall be instructed on the sensitivity of the area.
- The applicant shall record the results of the recommended protective measures described above to document compliance with applicable State and Federal laws pertaining to the protection of native birds. Such record shall be submitted and received into the case file for the associated discretionary action permitting the project.

Enforcement Agency: Los Angeles Department of Building and Safety

Monitoring Agency: Los Angeles Department of Building and Safety

Monitoring Phase: Construction

Monitoring Frequency: Once, prior to issuance of building permit; or, if vegetation removal, building demolition or grading is initiated during the nesting season, as determined by a qualified biologist

Action Indicating Compliance: if vegetation removal, building demolition, or grading is initiated during the nesting season, submittal of a survey report by a qualified biologist.

HAZARDS AND HAZARDOUS MATERIALS

MM-HAZ-1 Existing Toxic/Hazardous Construction Materials:

- (Lead Paint) Prior to the issuance of any permit for demolition or alteration of the existing structure(s), a lead-based paint survey shall be performed to the written satisfaction of the Department of Building of Safety. Should lead-based paint materials be identified, standard handling and disposal practices shall be implemented pursuant to Occupational Safety and Health Administration (OSHA) regulations.

Enforcement Agency: Los Angeles Department of Building and Safety

Monitoring Agency: Los Angeles Department of Building and Safety

Monitoring Phase: Pre-construction

Monitoring Frequency: Once, at plan check

Action Indicating Compliance: Issuance of building permits

MM-HAZ-2 Construction Activity Near Schools:

- The Applicant and contractors shall maintain ongoing contact with the administrators of Hillside Elementary School, Loreta Street Elementary School, and Los Angeles Leadership Academy Charter School. The administrative offices shall be contacted when demolition, grading and construction activity begin on the project site so that students and their parents will know when such activities are to occur. The developer shall obtain school walk and bus routes to the schools from either the administrators or from the Los Angeles Unified School District (LAUSD) Transportation Branch (323) 342-1400 and guarantee that safe and convenient pedestrian and bus routes to the school be maintained.
- The Applicant shall install appropriate traffic signs around the site to ensure pedestrian and vehicle safety.
- There shall be no staging or parking of construction vehicles, including vehicles to transport workers on Pasadena Avenue, adjacent to the school.
- Due to noise impacts on the schools, no construction vehicles or haul trucks shall be staged or idled on Pasadena Avenue, adjacent to the school, during school hours.

Enforcement Agency: Los Angeles Department of Building and Safety

Monitoring Agency: Los Angeles Department of Building and Safety

Monitoring Phase: Construction

Monitoring Frequency: Ongoing, during construction.

Action Indicating Compliance: Issuance of a Certificate of Occupancy

MM-HAZ-3 Schools Affected by Haul Route:

- Haul route scheduling shall be sequenced to minimize conflicts with pedestrians, school buses and cars at the arrival and dismissal times of the school day. Haul route trucks shall not be routed past the school during periods when school is in session especially when students are arriving or departing from the campus.

Enforcement Agency: Los Angeles Department of Building and Safety, Los Angeles Department of Transportation

Monitoring Agency: Los Angeles Department of Building and Safety

Monitoring Phase: Construction

Monitoring Frequency: Ongoing, during construction.

Action Indicating Compliance: Issuance of a Certificate of Occupancy

NOISE

MM-N-1 Increased Noise Levels (Demolition, Grading, and Construction Activities):

- In addition to satisfying the noise-related conditions identified in [Q] Condition 10 of Ordinance 179,280, the project contractor shall erect a temporary noise-attenuating sound barrier along the perimeter of the Project Site's southerly and easterly property line to minimize construction noise levels at off-site properties. The sound wall shall be a minimum of 8 feet in height to block the line of site of construction equipment and off site receptors at the ground level. The sound barrier shall include 3/4-inch plywood or other sound absorbing material capable of achieving a 10-dBA reduction in sound level.

Enforcement Agency: Los Angeles Department of Building and Safety

Monitoring Agency: Los Angeles Department of Building and Safety

Monitoring Phase: Construction

Monitoring Frequency: Ongoing during field inspection

Action Indicating Compliance: Issuance of a Certificate of Occupancy

MM-N-2 Increased Noise Levels (Parking Structure Ramps):

- Concrete, not metal, shall be used for construction of parking ramps.
- The interior ramps shall be textured to prevent tire squeal at turning areas.

Enforcement Agency: Los Angeles Department of Building and Safety

Monitoring Agency: Los Angeles Department of Building and Safety

Monitoring Phase: Pre-construction; Construction

Monitoring Frequency: Once, at plan check for Project; Once, during field inspection

Action Indicating Compliance: Plan approval and issuance of applicable building permit (Preconstruction); Issuance of Certificate of Occupancy (Construction)

PUBLIC SERVICES

MM-PS-1 Police:

- The plans shall incorporate the Design Guidelines (defined in the following sentence) relative to security, semi-public and private spaces, which may include but not be limited to access control to building, secured parking facilities, walls/fences with key systems, well-illuminated public and semi-public space designed with a minimum of dead space to eliminate areas of concealment, location of toilet facilities or building entrances in high-foot traffic areas, and provision of security guard patrol throughout the project site if needed. Please refer to "Design Out Crime Guidelines: Crime Prevention Through Environmental Design," published by the Los Angeles Police Department. Contact the Community Relations Division, located at 100 W. 1st Street, #250, Los Angeles, CA 90012; (213) 486-6000. These measures shall be approved by the Police Department prior to the issuance of building permits.

Enforcement Agency: Los Angeles Department of Building and Safety

Monitoring Agency: Los Angeles Department of Building and Safety

Monitoring Phase: Pre-Construction

Monitoring Frequency: Once, at plan check

Action Indicating Compliance: Issuance of building permits

TRANSPORTATION AND TRAFFIC

MM-T-1 Transportation and Traffic:

- In addition to the TDM measures, implementing measure(s) detailed in DOT's communication to the Planning Department (DOT Case No. CEN 15-43306 dated January 28, 2016, attached) shall be complied with.

Enforcement Agency: Los Angeles Department of Building and Safety, Los Angeles Department of Transportation

Monitoring Agency: Los Angeles Department of Building and Safety

Monitoring Phase: Pre-construction; Construction

Monitoring Frequency: Once, at plan check for Project; Once, during field inspection

Action Indicating Compliance: Plan approval and issuance of applicable building permit (Preconstruction); Issuance of Certificate of Occupancy (Construction)

MM-T-2 Transportation Demand Management (TDM) Program:

- The purpose of a TDM plan is to reduce the use of single occupant vehicles (SOV) by increasing the number of trips by walking, bicycle, carpool, vanpool and transit. A TDM plan should include design features, transportation services, education, and incentives intended to reduce the amount of SOV during commute hours. Through strategic building design and orientation, this project can facilitate access to transit, can provide a pedestrian-friendly environment, can promote non-automobile travel and can support the goals of a trip-reduction program.
- A preliminary TDM program shall be prepared and provided for DOT review prior to the issuance of the first building permit for this project and a final TDM program approved by DOT is required prior to the issuance of the first certificate of occupancy for the project. The TDM program should include, but not be limited to, the following strategies:
    - Provide an internal Transportation Management Coordination Program with an on-site transportation coordinator;
    - Design the project to ensure a bicycle, transit, and pedestrian friendly environment;
    - Provide unbundled parking that separates the cost of obtaining assigned parking spaces from the cost of purchasing or renting residential units;
    - Accommodate flexible/alternative work schedules and telecommuting programs;
    - A provision requiring compliance with the State Parking Cash-out Law in all leases:
    - Coordinate with DOT to determine if the project location is eligible for future Integrated Mobility Hub (which can include space for a bike share kiosk, and/or parking spaces on-site for car-share vehicles;
    - Provide on-site transit routing and schedule information;
    - Provide a program to discount transit passes for residents/employees possibly through negotiated bulk purchasing passes with transit providers;
    - Provide rideshare matching services;
    - Preferential rideshare loading/unloading or parking location;
    - Contribute to a one-time fixed fee contribution of $75,000 to be deposited into the City's Bicycle Plan Trust Fund to implement bicycle improvements in the vicinity of the project.

In addition to these TDM measures, DOT also recommends that the Applicant explore the implementation of an on-demand van, shuttle or tram service that connects the project employees to off-site transit stops based on the transportation needs of the project employees. Such a service can be included as an additional measure in the TDM program if it is deemed feasible and effective by the applicant.

- The Applicant shall implement a TDM/TMP to reduce the project trip generation by 15 percent. Specifically, the project shall not exceed a driveway trip volume count of 179 trips during the a.m. peak hour and 222 trips during the pm peak hour, at full occupancy. To achieve this peak hour driveway trip volume requirement through implementation of an on-site Transportation Demand

Management (TDM) Plan the project shall implement a Trip Monitoring Program (TMP).

- The Applicant shall record a covenant and agreement to annually monitor and submit reports on the progress of the driveway trip reduction plan to DOT. Annual reports shall include a report on the observed trip generation and on the project's mode share. The detailed goals, objectives, terms and strategies of the TDM plan and reporting requirements shall be determined during the preparation of the final. The TDM plan is due prior to the issuance of any temporary or final certificate of occupancy permit for the project. The plan should also identify any appropriate penalties, should the project not achieve compliance with the targeted number of driveway trips within a year of exceeding the limits. The TMP shall continue until such time that the project has shown, for five (5) consecutive years, at a minimum of 85% occupancy, accomplishment of the peak hour driveway trip volume requirement as listed.

Enforcement Agency: Los Angeles Department of Building and Safety, Los Angeles Department of Transportation

Monitoring Agency: Los Angeles Department of Building and Safety

Monitoring Phase: Pre-construction; Construction

Monitoring Frequency: Once, at plan check for Project; Once, prior to issuance of Certificate of Occupancy

Action Indicating Compliance: Plan approval and issuance of applicable building permit (Preconstruction); Issuance of Certificate of Occupancy (Construction)

MM-T-3 Transportation Systems Management (TSM) Improvements:

- The Applicant shall implement the upgrades, detailed below by LADOT's ATSAC Section, through the B-Permit process. LADOT's ATSAC Section has identified the need to update the existing traffic signal system. Specifically, install one CCTV camera, a new type 2070 controller, and the necessary infrastructure (including, but not limited to, fiber optic and interconnect) to activate the new installation, at the Pasadena Avenue / Avenue 26 and Daly Street intersection. The video fiber / fiber optic improvements must be guaranteed prior to the issuance of any building permit and complete prior to the issuance of any certificate of occupancy. Temporary certificates of occupancy may be granted in the events of any delay through no fault of the applicant, provided that, in each case, the applicant has demonstrated reasonable efforts and due diligence to the satisfaction of DOT.

Enforcement Agency: Los Angeles Department of Building and Safety, Los Angeles Department of Transportation

Monitoring Agency: Los Angeles Department of Building and Safety

Monitoring Phase: Construction

Monitoring Frequency: Once, during field inspection

Action Indicating Compliance: Issuance of Certificate of Occupancy. Temporary certificates of occupancy may be granted in the events of any delay through no fault of the applicant, provided that, in each case, the applicant has demonstrated reasonable efforts and due diligence to the satisfaction of DOT.

MM-T-4 Construction Management Plan:

- A Construction work site traffic control plan shall be submitted to DOT for review and approval prior to the start of any construction work. The plans shall show the location of any roadway or sidewalk closures, traffic detours, haul routes, hours of operation, protective devices, warning signs and access to abutting properties. All construction related traffic shall be restricted to off-peak hours.
- All delivery truck loading and unloading shall take place on site or within the boundaries of an approved traffic control plan.

Enforcement Agency: Los Angeles Department of Building and Safety, Los Angeles Bureau of Engineering, Los Angeles Department of Transportation

Monitoring Agency: Los Angeles Department of Building and Safety

Monitoring Phase: Pre-construction; Construction

Monitoring Frequency: Once, at plan check; Ongoing during field inspection

Action Indicating Compliance: Plan approval and issuance of applicable building permit (Preconstruction); Issuance of Certificate of Occupancy of Use of Land (Construction)

MM-T-5 Transportation and Traffic (Construction):

- The developer shall install appropriate traffic signs around the site to ensure pedestrian and vehicle safety at all times during the construction period.

Enforcement Agency: Los Angeles Department of Building and Safety

Monitoring Agency: Los Angeles Department of Building and Safety

Monitoring Phase: Construction

Monitoring Frequency: Ongoing, during construction

Action Indicating Compliance: Issuance of a Certificate of Occupancy

MM-T-6 Pedestrian Safety During Construction:

- The Applicant shall plan construction and construction staging as to maintain pedestrian access on adjacent sidewalks throughout all construction phases. This requires the applicant to maintain adequate and safe pedestrian protection, including physical separation (including utilization of barriers such as K-Rails or scaffolding, etc.) from work space and vehicular traffic, and overhead protection, due to sidewalk closure or blockage, at all times.
- Should permanent pedestrian routes be unavailable due to construction, safe and accessible temporary pedestrian routes shall be provided adjacent to the project site.
- Covered walkways should be provided where pedestrians are exposed to potential injury from falling objects.
- The Applicant shall keep sidewalk open during construction until only when it is absolutely required to close or block sidewalk for construction and/or construction staging. Sidewalk shall be reopened as soon as reasonably feasible taking construction and construction staging into account.

Enforcement Agency: Los Angeles Department of Building and Safety, Los Angeles Bureau of Engineering, Los Angeles Department of Transportation

Monitoring Agency: Los Angeles Department of Building and Safety, Los Angeles Department of Transportation

Monitoring Phase: Construction

Monitoring Frequency: Ongoing

Action Indicating Compliance: Issuance of Certificate of Occupancy

City of Los Angeles

Department of City Planning

City Hall • 200 N. Spring Street, Room 621 • Los Angeles, CA 90012

INITIAL STUDY
MITIGATED NEGATIVE DECLARATION
Northeast Los Angeles Community Plan Area

DOCUMENT FILED
City Clerk's Office
No: N6-17-020-PL
Certified by MAV
Date: 2/13/17

Avenue 34 Project

ZA-2016-272-ZAA-SPR-CLQ

ENV-2016-273-MND

Project Location: 3401-3437 N. Pasadena Avenue and 123-167 W. Avenue 34, Los Angeles, CA 90031

Council District: 1 – Gilbert Cedillo

Project Description: The Project involves the demolition of an 86,712 square-foot warehouse building, a 4,033 square-foot metal building, and portions of a 24,018 square-foot building and 3,521 square-foot building (constructed circa 1977, 1948, 1967 and 1929, respectively), and the construction of a mixed-use development with 372 residential dwelling units and 40,000 square feet of commercial floor area (comprised of 30,000 square feet of creative office and 10,000 square feet of retail space). The Project would renovate a portion of the existing floor area for creative office space. The Project would also reserve 11% of its base density (approximately 31 dwelling units) as very low income housing and include a ministerial density bonus. The development would include five buildings spanning the property, with approximately 524,600 square feet of floor area and a Floor Area Ratio (FAR) of 2.6:1, below the maximum FAR of 3:1. The proposed buildings would range in height from one to five stories, with a maximum building height of approximately 67 feet above grade, or 75 feet as measured by the Los Angeles Municipal Code (LAMC). The Project would provide a total of 467 on-site parking spaces within one level of subterranean parking and at grade, and a total of 428 on-site bicycle parking stalls. All 39 on-site trees will be removed (all non-protected species); a total of 241 trees are proposed, including roof areas and street trees. No fireplaces or wood stoves are proposed.

The Applicant is requesting the following discretionary approvals: (1) Zoning Administrator's Adjustment to allow a 0-foot southerly side yard in lieu of 8 feet to preserve an existing building with a non-conforming yard; (2) Site Plan Review to permit the construction, use, and maintenance of the Project with more than 50 dwelling units; and (3) Clarification of Q Conditions to clarify Condition A.1.c of Subarea 4 in Ordinance 179,280. The Applicant will also request approvals and permits from the Department of Building and Safety (and other regulatory agencies) for project construction activities which may include, but are not limited to, the following: excavation, shoring, grading, foundation, haul route (for the export of approximately 98,000 cubic yards (cy) of soil), removal and replacement of street trees, and building and tenant improvements for the Project Site.

APPLICANT:	PREPARED BY:	ON BEHALF OF:
ED1125, LLC	Parker Environmental Consultants	The City of Los Angeles Department of City Planning

TABLE OF CONTENTS

Mitigated Negative Declaration Form/CEQA Initial Study Checklist (front insert)

I. INTRODUCTION I-1

II. PROJECT DESCRIPTION II-1

A. PROJECT LOCATION II-1
B. PROJECT CHARACTERISTICS II-11
C. ENTITLEMENT REQUESTS II-35

III. ENVIRONMENTAL IMPACT ANALYSIS III-1

I. AESTHETICS III-1
II. AGRICULTURE AND FORESTRY RESOURCES III-3
III. AIR QUALITY III-5
IV. BIOLOGICAL RESOURCES III-15
V. CULTURAL RESOURCES III-19
VI. GEOLOGY AND SOILS III-23
VII. GREENHOUSE GAS EMISSIONS III-28
VIII. HAZARDS AND HAZARDOUS MATERIALS III-39
IX. HYDROLOGY AND WATER QUALITY III-46
X. LAND USE AND PLANNING III-58
XI. MINERAL RESOURCES III-77
XII. NOISE III-78
XIII. POPULATION AND HOUSING III-95
XIV. PUBLIC SERVICES III-101
XV. RECREATION III-112
XVI. TRANSPORTATION AND TRAFFIC III-114
XVII. UTILITIES AND SERVICE SYSTEMS III-140
XVIII. MANDATORY FINDINGS OF SIGNIFICANCE III-154

IV. PREPARERS OF THE INITIAL STUDY AND PERSONS CONSULTED IV-1

V. REFERENCES, ACRONYMS AND ABBREVIATIONS V-1

List of Figures

Figure II-1: Project Location Map II-2
Figure II-2: Zoning and General Plan Designations II-7
Figure II-3: Aerial Photograph and Photograph Location Map II-8
Figure II-4: Photographs of the Project Site II-9
Figure II-5: Photographs of the Surrounding Land Uses II-10
Figure II-6: Conceptual Site Diagram II-14
Figure II-7: First Level Floor Plan II-15
Figure II-8: Second Level Floor Plan II-16
Figure II-9: Third Level Floor Plan II-17
Figure II-10: Fourth Level Floor Plan II-18
Figure II-11: Fifth Level Floor Plan II-19
Figure II-12: East and South Building Elevations II-20
Figure II-13: North West Building Elevations II-21
Figure II-14: Building Sections II-22
Figure II-15: Illustrative Renderings II-23
Figure II-16: Residential Open Space Plan II-24
Figure II-17: Publicly Accessible Open Space Plan II-25
Figure II-18: Conceptual Landscape Plan II-27
Figure II-19: Related Projects Location Map II-34
Figure III-1: Noise Monitoring and Sensitive Receptor Location Map III-81
Figure III-2: Existing (2015) Traffic Volumes – AM Peak Hour III-120
Figure III-3: Existing (2015) Traffic Volumes – PM Peak Hour III-121
Figure III-4: Existing (2015) Traffic Volumes with Project – AM Peak Hour III-122
Figure III-5: Existing (2015) Traffic Volumes with Project – PM Peak Hour III-123
Figure III-6: Existing (2015) Traffic Volumes with Project with TDM – AM Peak Hour III-124
Figure III-7: Existing (2015) Traffic Volumes with Project with TDM – PM Peak Hour III-125
Figure III-8: Future (2020) Traffic Volumes Without Project – AM Peak Hour III-130
Figure III-9: Future (2020) Traffic Volumes Without Project – PM Peak Hour III-131
Figure III-10: Future (2020) Traffic Volumes with Project – AM Peak Hour III-132

Figure III-11: Future (2020) Traffic Volumes with Project – PM Peak Hour III-133
Figure III-12: Future (2020) Traffic Volumes with Project with TDM – AM Peak Hour III-134
Figure III-13: Future (2020) Traffic Volumes With Project with TDM– PM Peak Hour III-135

List of Tables

Table II-1: Summary of the Project Site II-1
Table II-2: Proposed Development Program II-11
Table II-3: Summary of Required and Proposed Residential Open Space Areas II-24
Table II-4: Summary of Required and Proposed Vehicle Parking Spaces II-28
Table II-5: Summary of Required and Proposed Bicycle Parking Spaces II-29
Table II-6: Related Project List II-33
Table III-1: Estimated Peak Daily Construction Emissions III-8
Table III-2: Existing Daily Operation Emissions from the Project Site III-9
Table III-3: Proposed Project Estimated Daily Operational Emissions III-9
Table III-4: Localized On-Site Peak Daily Construction Emissions III-12
Table III-5: Climate Change Scoping Plan 2020 Emissions Target III-29
Table III-6: Proposed Project Construction-Related Greenhouse Gas Emissions III-33
Table III-7: Existing Project Site Greenhouse Gas Emissions III-33
Table III-8: Proposed Project Operational Greenhouse Gas Emissions III-34
Table III-9: Project Consistency Analysis with Applicable Provisions in the Northeast Los Angeles Community Plan III-68
Table III-10: Existing Ambient Daytime Noise Levels in Project Site Vicinity III-80
Table III-11: Typical Outdoor Construction Noise Levels III-83
Table III-12: Estimated Exterior Construction Noise at Nearest Sensitive Receptors III-85
Table III-13: Vibration Source Levels for Construction Equipment III-87
Table III-14: Estimated Vibration Levels at Nearest Sensitive Receptors III-88
Table III-15: Community Noise Exposure (CNEL) III-89
Table III-16: Projected Intersection Noise Impacts III-92
Table III-17: Cumulative Intersection Noise Impacts III-95
Table III-18: SCAG Population and Housing Projections for the City of Los Angeles, Los Angeles County and the SCAG Region III-98

Table III-19: Projected Cumulative Housing Units III-101
Table III-20: Hollenbeck Area Police Station Crime Statistics III-104
Table III-21: Resident Schools Serving the Project Site III-106
Table III-22: Proposed Project Estimated Student Generation III-106
Table III-23: Projected Cumulative Student Generation III-107
Table III-24: Recreation and Park Facilities within the Project Area III-109
Table III-25: Definition of Significant Impact at Intersection III-115
Table III-26: Project Trip Generation Estimates III-118
Table III-27: Existing (2015) and Existing with Project Condition Level of Service Summary for AM Peak Hour III-119
Table III-28: Existing (2015) and Existing with Project Condition Level of Service Summary for PM Peak Hour III-126
Table III-29: Existing (2015) and Existing with Project Level of Service Summary with Mitigation Traffic Conditions III-126
Table III-30: Future (2020) Condition Level of Service Summary for AM Peak Hour III-129
Table III-31: Future (2020) Condition Level of Service Summary for PM Peak Hour III-129
Table III-32: Future (2020) and Future with Project Level of Service Summary With Mitigation Traffic Conditions III-136
Table III-33: Proposed Project Estimated Water Demand III-142
Table III-34: Proposed Project Estimated Wastewater Generation III-143
Table III-35: Estimated Cumulative Water Demand III-146
Table III-36: Estimated Cumulative Wastewater Generation III-148
Table III-37: Estimated Construction and Demolition Debris III-151
Table III-38: Estimated Operational Solid Waste Generation III-151
Table III-39: Cumulative Operational Solid Waste Generation III-153

CITY OF LOS ANGELES

OFFICE OF THE CITY CLERK
ROOM 395, CITY HALL
LOS ANGELES, CALIFORNIA 90012

CALIFORNIA ENVIRONMENTAL QUALITY ACT
PROPOSED MITIGATED NEGATIVE DECLARATION

LEAD CITY AGENCY: City of Los Angeles		COUNCIL DISTRICT: 1 – Gilbert Cedillo
PROJECT TITLE: Avenue 34 Project	ENVIRONMENTAL CASE: ENV-2016-273-MND	CASE NO. ZA-2016-272-ZAA-SPR-CLQ

PROJECT LOCATION 3401-3437 N. Pasadena Avenue and 123-167 W. Avenue 34, Los Angeles, CA 90031

PROJECT DESCRIPTION: The Project involves the demolition of an 86,712 square-foot warehouse building, a 4,033 square-foot metal building, and portions of a 24,018 square-foot building and 3,521 square-foot building (constructed circa 1977, 1948, 1967 and 1929, respectively), and the construction of a mixed-use development with 372 residential dwelling units and 40,000 square feet of commercial floor area (comprised of 30,000 square feet of creative office and 10,000 square feet of retail space). The Project would renovate a portion of the existing floor area for creative office space. The Project would also reserve 11% of its base density (approximately 31 dwelling units) as very low income housing and include a ministerial density bonus. The development would include five buildings spanning the property, with approximately 524,600 square feet of floor area and an FAR of 2.6:1, below the maximum FAR of 3:1. The proposed buildings would range in height from one to five stories, with a maximum building height of approximately 67 feet above grade (75 feet as measured by LAMC). The Project would provide a total of 467 on-site parking spaces within one level of subterranean parking and at grade, and a total of 428 on-site bicycle parking stalls. All 39 on-site trees will be removed (all non-protected species); a total of 241 trees are proposed, including roof areas and street trees. No fireplaces or wood stoves are proposed.

The Applicant requests the following discretionary approvals: (1) Zoning Administrator's Adjustment to allow a 0-foot southerly side yard in lieu of 8 feet to preserve an existing building with a non-conforming yard; (2) Site Plan Review to permit the construction, use, and maintenance of the Project with more than 50 dwelling units; and (3) Clarification of Q Conditions to clarify Condition A.1.c of Subarea 4 in Ordinance 179,280. The Applicant will also request approvals and permits from the Department of Building and Safety (and other regulatory agencies) for project construction activities which may include, but are not limited to, the following: excavation, shoring, grading, foundation, haul route (for the export of approximately 98,000 cubic yards (cy) of soil), removal and replacement of street trees, and building and tenant improvements for the Project Site.

NAME AND ADDRESS OF APPLICANT IF OTHER THAN CITY AGENCY
ED1125, LLC
Attn: Eric Ortiz
141 W. Avenue 34
Los Angeles, CA 90031

FINDING: The Department of City Planning of the City of Los Angeles has proposed that a Mitigated Negative Declaration be adopted for this Project. The mitigation measures outlined on the attached pages will reduce any potentially significant adverse effects to a level of insignificance.

SEE ATTACHED SHEET(S) FOR ANY MITIGATION MEASURES IMPOSED

Any written comment received during the public review period are attached together with the response of the Lead City Agency. The project decision-maker may adopt the Mitigated Negative Declaration, amend it, or require preparation of an EIR. Any changes made should be supported by substantial evidence in the record and appropriate findings made.

THE INITIAL STUDY PREPARED FOR THIS PROJECT IS ATTACHED.

NAME OF PERSON PREPARING FORM	TITLE	TELEPHONE NUMBER
Michael Sin	Planning Assistant	(213) 978-1345
ADDRESS	**SIGNATURE (Official)**	**DATE**
200 North Spring Street, Room 621 Los Angeles, CA 90012	Michael Sin	MARCH 20, 2017

CITY OF LOS ANGELES

OFFICE OF THE CITY CLERK, ROOM 395, CITY HALL
LOS ANGELES, CALIFORNIA 90012

CALIFORNIA ENVIRONMENTAL QUALITY ACT

INITIAL STUDY and CHECKLIST (CEQA Guidelines Section 15063)

LEAD CITY AGENCY: City of Los Angeles	**COUNCIL DISTRICT:** CD 1	**DATE:**
RESPONSIBLE AGENCIES: Department of City Planning		
ENVIRONMENTAL CASE: ENV-2016-273-MND	**RELATED CASES:** ZA-2016-272- ZAA-SPR-CLQ	
PREVIOUS ACTIONS CASE NO. --	☐ DOES have significant changes from previous actions. ☐ DOES NOT have significant changes from previous actions.	

PROJECT DESCRIPTION: The Project involves the demolition of an 86,712 square-foot warehouse building, a 4,033 square-foot metal building, and portions of a 24,018 square-foot building and 3,521 square-foot building (constructed circa 1977, 1948, 1967 and 1929, respectively), and the construction of a mixed-use development with 372 residential dwelling units and 40,000 square feet of commercial floor area (comprised of 30,000 square feet of creative office and 10,000 square feet of retail space). The Project would renovate a portion of the existing floor area for creative office space. The Project would also reserve 11% of its base density (approximately 31 dwelling units) as very low income housing and include a ministerial density bonus. The development would include five buildings spanning the property, with approximately 524,600 square feet of floor area and an FAR of 2.6:1, below the maximum FAR of 3:1. The proposed buildings would range in height from one to five stories, with a maximum building height of approximately 67 feet above grade (75 feet as measured by LAMC). The Project would provide a total of 467 on-site parking spaces within one level of subterranean parking and at grade, and a total of 428 on-site bicycle parking stalls. All 39 on-site trees will be removed (all non-protected species); a total of 241 trees are proposed, including roof areas and street trees. No fireplaces or wood stoves are proposed.

The Applicant requests the following discretionary approvals: (1) Zoning Administrator's Adjustment to allow a 0-foot southerly side yard in lieu of 8 feet to preserve an existing building with a non-conforming yard; (2) Site Plan Review to permit the construction, use, and maintenance of the Project with more than 50 dwelling units; and (3) Clarification of Q Conditions to clarify Condition A.1.c of Subarea 4 in Ordinance 179,280. The Applicant will also request approvals and permits from the Department of Building and Safety (and other regulatory agencies) for project construction activities which may include, but are not limited to, the following: excavation, shoring, grading, foundation, haul route (for the export of approximately 98,000 cubic yards (cy) of soil), removal and replacement of street trees, and building and tenant improvements for the Project Site.

ENVIRONMENTAL SETTING: The Project Site includes 219,320 square feet of lot area (5.03 acres). The Project Site currently includes four light manufacturing and warehouse buildings with paved surface loading areas and parking. The surrounding properties are developed with multi-family residential, single-family residential, office, commercial, and educational and uses, and a vacant and undeveloped lot to the north of the Project Site. Further details are provided in the expanded IS/MND analysis (attached).

PROJECT LOCATION: 3401-3437 N. Pasadena Avenue and 123-167 W. Avenue 34, Los Angeles, CA 90031			
COMMUNITY PLAN AREA: Northeast Los Angeles **STATUS:** ☐ Preliminary ☒ Does Conform to Plan ☐ Proposed ☐ Does NOT Conform to Plan ☒ Adopted (1999)		**AREA PLANNING COMMISSION:** East Los Angeles	**CERTIFIED NEIGHBORHOOD COUNCIL:** Lincoln Heights
EXISTING ZONING: [T][Q]CM-2D	**MAX DENSITY ZONING:** 3:1	**LA River Adjacent:** No	
GENERAL PLAN LAND USE: Commercial Manufacturing	**MAX. DENSITY PLAN:** 3:1	**PROPOSED PROJECT DENSITY:** 2.61:1 FAR	

Determination (To be completed by Lead Agency)

On the basis of this initial evaluation:

- ☐ I find that the proposed project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.
- ☒ I find that although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because revisions on the project have been made by or agreed to by the project proponent. A MITIGATED NEGATIVE DECLARATION will be prepared.
- ☐ I find the proposed project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.
- ☐ I find the proposed project MAY have a "potentially significant impact" or "potentially significant unless mitigated" impact on the environment, but at least one effect 1) has been adequately analyzed in an earlier document pursuant to applicable legal standards, and 2) has been addressed by mitigation measures based on earlier analysis as described on attached sheets. An ENVIRONMENTAL IMPACT REPORT is required, but it must analyze only the effects that remain to be addressed.
- ☐ I find that although the proposed project could have a significant effect on the environment, because all potentially significant effects (a) have been analyzed adequately in an earlier EIR or NEGATIVE DECLARATION pursuant to applicable standards, and (b) have been avoided or mitigated pursuant to that earlier EIR or NEGATIVE DECLARATION, including revisions or mitigation measures that are imposed upon the proposed project, nothing further is required.

Signature	Planning Assistant Title	213-978-1345 Phone

Evaluation of Environmental Impacts:

1. A brief explanation is required for all answers except "No Impact" answers that are adequately supported by the information sources a lead agency cites in the parentheses following each question. A "No Impact" answer is adequately supported if the referenced information sources show that the impact simply does not apply to projects like the one involved (e.g., the project falls outside a fault rupture zone). A "No Impact" answer should be explained where it is based on project-specific factors as well as general standards (e.g., the project will not expose sensitive receptors to pollutants based on a project-specific screening analysis).
2. All answers must take account of the whole action involved, including off-site as well as on-site, cumulative as well as project-level, indirect as well as direct, and construction as well as operational impacts.
3. Once the lead agency has determined that a particular physical impact may occur, then the checklist answers must indicate whether the impact is potentially significant, less that significant with mitigation, or less than significant. "Potentially Significant Impact" is appropriate if there is substantial evidence that an effect may be significant. If there are one or more "Potentially Significant Impact" entries when the determination is made, an EIR is required.
4. "Negative Declaration: Less Than Significant With Mitigation Incorporated" applies where the incorporation of a mitigation measure has reduced an effect from "Potentially Significant Impact" to "Less Than Significant Impact." The lead agency must describe the mitigation measures, and briefly explain how they reduce the effect to a less than significant level (mitigation measures from "Earlier Analysis," as described in (5) below, may be cross referenced).

5. Earlier analysis must be used where, pursuant to the tiering, program EIR, or other CEQA process, an effect has been adequately analyzed in an earlier EIR, or negative declaration. Section 15063 (c)(3)(D). In this case, a brief discussion should identify the following:
   a. Earlier Analysis Used. Identify and state where they are available for review.
   b. Impacts Adequately Addressed. Identify which effects from the above checklist were within the scope of and adequately analyzed in an earlier document pursuant to applicable legal standards, and state whether such effects were addressed by mitigation measures based on the earlier analysis.
   c. Mitigation Measures. For effects that are "Less Than Significant With Mitigation Measures Incorporated," describe the mitigation measures which were incorporated or refined from the earlier document and the extent to which they address site-specific conditions for the project.
6. Lead agencies are encouraged to incorporate into the checklist references to information sources for potential impacts (e.g., general plans, zoning ordinances). Reference to a previously prepared or outside document should, where appropriate, include a reference to the page or pages where the statement is substantiated
7. Supporting Information Sources: A sources list should be attached, and other sources used or individuals contacted should be cited in the discussion.
8. This is only a suggested form, and lead agencies are free to use different formats; however, lead agencies should normally address the questions from this checklist that are relevant to a project's environmental effects in whichever format is selected.
9. The explanation of each issue should identify:
   a. The significance criteria or threshold, if any, used to evaluate each question; and
   b. The mitigation measure identified, if any, to reduce the impact to less than significant.

Environmental Factors Potentially Affected:

The environmental factors checked below would be potentially affected by this project, involving at least one impact that is a "Potentially Significant Impact" as indicated by the checklist on the following pages.

☐ AESTHETICS	☐ GREENHOUSE GAS EMISSIONS	☐ POPULATION AND HOUSING
☐ AGRICULTURE AND FOREST RESOURCES	☒ HAZARDS AND HAZARDOUS MATERIALS	☒ PUBLIC SERVICES
☐ AIR QUALITY	☐ HYDROLOGY AND WATER QUALITY	☐ RECREATION
☒ BIOLOGICAL RESOURCES	☐ LAND USE AND PLANNING	☒ TRANSPORTATION/CIRCULATION
☐ CULTURAL RESOURCES	☐ MINERAL RESOURCES	☐ UTILITIES
☐ GEOLOGY AND SOILS	☒ NOISE	☒ MANDATORY FINDINGS OF SIGNIFICANCE

INITIAL STUDY CHECKLIST (To be completed by the Lead City Agency)

PROPONENT NAME: ED1125, LLC **PHONE NUMBER:** (310) 242-7305

APPLICANTS ADDRESSES:
ED1125, LLC Attn: Eric Ortiz
141 W. Avenue 34
Los Angeles, CA 90031

AGENCY REQUIRING CHECKLIST: City of Los Angeles Department of City Planning **DATE SUBMITTED:** Nov. 8, 2016

PROPOSAL NAME (If Applicable): Avenue 34 Project

		Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
PLEASE NOTE THAT EACH AND EVERY RESPONSE IN THE CITY OF LOS ANGELES INITIAL STUDY AND CHECKLIST IS SUMMARIZED FROM AND BASED UPON THE ENVIRONMENTAL ANALYSIS CONTAINED IN ATTACHEMENT B, EXPLANATION OF CHECKLIST DETERMINATIONS. PLEASE REFER TO THE APPLICABLE RESPONSE IN ATTACHMENT B FOR A DETAILED DISCUSSION OF CHECKLIST DETERMINATIONS.					
I.	**AESTHETICS**				
a.	HAVE A SUBSTANTIAL ADVERSE EFFECT ON A SCENIC VISTA?	☐	☐	☒	☐
b.	SUBSTANTIALLY DAMAGE SCENIC RESOURCES, INCLUDING, BUT NOT LIMITED TO, TREES, ROCK OUTCROPPINGS, AND HISTORIC BUILDINGS, OR OTHER LOCALLY RECOGNIZED DESIRABLE AESTHETIC NATURAL FEATURE WITHIN A CITY-DESIGNATED SCENIC HIGHWAY?	☐	☐	☒	☐
c.	SUBSTANTIALLY DEGRADE THE EXISTING VISUAL CHARACTER OR QUALITY OF THE SITE AND ITS SURROUNDINGS?	☐	☐	☒	☐
d.	CREATE A NEW SOURCE OF SUBSTANTIAL LIGHT OR GLARE WHICH WOULD ADVERSELY AFFECT DAY OR NIGHTTIME VIEWS IN THE AREA?	☐	☐	☒	☐
II.	**AGRICULTURE AND FOREST RESOURCES**				
a.	CONVERT PRIME FARMLAND, UNIQUE FARMLAND, OR FARMLAND OF STATEWIDE IMPORTANCE, AS SHOWN ON THE MAPS PREPARED PURSUANT TO THE FARMLAND MAPPING AND MONITORING PROGRAM OF THE CALIFORNIA RESOURCES AGENCY, TO NON-AGRICULTURAL USE?	☐	☐	☐	☒
b.	CONFLICT WITH EXISTING ZONING FOR AGRICULTURAL USE, OR A WILLIAMSON ACT CONTRACT?	☐	☐	☐	☒
c.	CONFLICT WITH EXISTING ZONING FOR, OR CAUSE REZONING OF, FOREST LAND (AS DEFINED IN PUBLIC RESOURCES CODE SECTION 1220(G)), TIMBERLAND (AS DEFINED BY PUBLIC RESOURCES CODE SECTION 4526), OR TIMBERLAND ZONED TIMBERLAND PRODUCTION (AS DEFINED BY GOVERNMENT CODE SECTION 51104(G))?	☐	☐	☐	☒
d.	RESULT IN THE LOSS OF FOREST LAND OR CONVERSION OF FOREST LAND TO NON-FOREST USE?	☐	☐	☐	☒
e.	INVOLVE OTHER CHANGES IN THE EXISTING ENVIRONMENT WHICH, DUE TO THEIR LOCATION OR NATURE, COULD RESULT IN CONVERSION OF FARMLAND, TO NON-AGRICULTURAL USE OR CONVERSION OF FOREST LAND TO NON-FOREST USE?	☐	☐	☐	☒
III.	**AIR QUALITY**				
a.	CONFLICT WITH OR OBSTRUCT IMPLEMENTATION OF THE SCAQMD AIR QUALITY MANAGEMENT PLAN OR CONGESTION MANAGEMENT PLAN?	☐	☐	☒	☐
b.	VIOLATE ANY AIR QUALITY STANDARD OR CONTRIBUTE SUBSTANTIALLY TO AN EXISTING OR PROJECTED AIR QUALITY VIOLATION?	☐	☐	☒	☐
c.	RESULT IN A CUMULATIVELY CONSIDERABLE NET INCREASE OF ANY CRITERIA POLLUTANT FOR WHICH THE AIR BASIN IS NON-ATTAINMENT (OZONE, CARBON MONOXIDE, & PM 10) UNDER AN APPLICABLE FEDERAL OR STATE AMBIENT AIR QUALITY STANDARD?	☐	☐	☒	☐
d.	EXPOSE SENSITIVE RECEPTORS TO SUBSTANTIAL POLLUTANT CONCENTRATIONS?	☐	☐	☒	☐
e.	CREATE OBJECTIONABLE ODORS AFFECTING A SUBSTANTIAL NUMBER OF PEOPLE?	☐	☐	☒	☐

		Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
IV.	**BIOLOGICAL RESOURCES**				
a.	HAVE A SUBSTANTIAL ADVERSE EFFECT, EITHER DIRECTLY OR THROUGH HABITAT MODIFICATION, ON ANY SPECIES IDENTIFIED AS A CANDIDATE, SENSITIVE, OR SPECIAL STATUS SPECIES IN LOCAL OR REGIONAL PLANS, POLICIES, OR REGULATIONS BY THE CALIFORNIA DEPARTMENT OF FISH AND GAME OR U.S. FISH AND WILDLIFE SERVICE ?	☐	☒	☐	☐
b.	HAVE A SUBSTANTIAL ADVERSE EFFECT ON ANY RIPARIAN HABITAT OR OTHER SENSITIVE NATURAL COMMUNITY IDENTIFIED IN THE CITY OR REGIONAL PLANS, POLICIES, REGULATIONS BY THE CALIFORNIA DEPARTMENT OF FISH AND GAME OR U.S. FISH AND WILDLIFE SERVICE?	☐	☐	☐	☒
c.	HAVE A SUBSTANTIAL ADVERSE EFFECT ON FEDERALLY PROTECTED WETLANDS AS DEFINED BY SECTION 404 OF THE CLEAN WATER ACT (INCLUDING, BUT NOT LIMITED TO, MARSH VERNAL POOL, COASTAL, ETC.) THROUGH DIRECT REMOVAL, FILLING, HYDROLOGICAL INTERRUPTION, OR OTHER MEANS?	☐	☐	☐	☒
d.	INTERFERE SUBSTANTIALLY WITH THE MOVEMENT OF ANY NATIVE RESIDENT OR MIGRATORY FISH OR WILDLIFE SPECIES OR WITH ESTABLISHED NATIVE RESIDENT OR MIGRATORY WILDLIFE CORRIDORS, OR IMPEDE THE USE OF NATIVE WILDLIFE NURSERY SITES?	☐	☐	☐	☒
e.	CONFLICT WITH ANY LOCAL POLICIES OR ORDINANCES PROTECTING BIOLOGICAL RESOURCES, SUCH AS TREE PRESERVATION POLICY OR ORDINANCE (E.G., OAK TREES OR CALIFORNIA WALNUT WOODLANDS)?	☐	☒	☐	☐
f.	CONFLICT WITH THE PROVISIONS OF AN ADOPTED HABITAT CONSERVATION PLAN, NATURAL COMMUNITY CONSERVATION PLAN, OR OTHER APPROVED LOCAL, REGIONAL, OR STATE HABITAT CONSERVATION PLAN?	☐	☐	☐	☒
V.	**CULTURAL RESOURCES**				
a.	CAUSE A SUBSTANTIAL ADVERSE CHANGE IN SIGNIFICANCE OF A HISTORICAL RESOURCE AS DEFINED IN STATE CEQA SECTION 15064.5?	☐	☐	☒	☐
b.	CAUSE A SUBSTANTIAL ADVERSE CHANGE IN SIGNIFICANCE OF AN ARCHAEOLOGICAL RESOURCE PURSUANT TO STATE CEQA SECTION 15064.5?	☐	☐	☒	☐
c.	DIRECTLY OR INDIRECTLY DESTROY A UNIQUE PALEONTOLOGICAL RESOURCE OR SITE OR UNIQUE GEOLOGIC FEATURE?	☐	☐	☒	☐
d.	DISTURB ANY HUMAN REMAINS, INCLUDING THOSE INTERRED OUTSIDE OF FORMAL CEMETERIES?	☐	☐	☒	☐
e.	CAUSE A SUBSTANTIAL ADVERSE CHANGE IN THE SIGNIFICANCE OF A SITE, FEATURE, PLACE, CULTURAL LANDSCAPE, SACRED PLACE, OR OBJECT WITH CULTURAL VALUES TO A CALIFORNIA NATIVE AMERICAN TRIBE THAT IS LISTED OR DETERMINED ELIGIBLE FOR LISTING ON THE CALIFORNIA REGISTER OF HISTORICAL RESOURCES, LISTED ON A LOCAL HISTORICAL REGISTER, OR OTHERWISE DETERMINED BY THE LEAD AGENCY TO BE A TRIBAL CULTURAL RESOURCE?	☐	☐	☒	☐
VI.	**GEOLOGY AND SOILS**				
a.	EXPOSURE OF PEOPLE OR STRUCTURES TO POTENTIAL SUBSTANTIAL	☐	☐	☒	☐

		Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
	ADVERSE EFFECTS, INCLUDING THE RISK OF LOSS, INJURY OR DEATH INVOLVING: RUPTURE OF A KNOWN EARTHQUAKE FAULT, AS DELINEATED ON THE MOST RECENT ALQUIST-PRIOLO EARTHQUAKE FAULT ZONING MAP ISSUED BY THE STATE GEOLOGIST FOR THE AREA OR BASED ON OTHER SUBSTANTIAL EVIDENCE OF A KNOWN FAULT? REFER TO DIVISION OF MINES AND GEOLOGY SPECIAL PUBLICATION 42.				
b.	STRONG SEISMIC GROUND SHAKING?	❑	❑	☒	❑
c.	SEISMIC-RELATED GROUND FAILURE, INCLUDING LIQUEFACTION?	❑	❑	☒	❑
d.	LANDSLIDES?	❑	❑	❑	☒
e.	RESULT IN SUBSTANTIAL SOIL EROSION OR THE LOSS OF TOPSOIL?	❑	❑	☒	❑
f.	BE LOCATED ON A GEOLOGIC UNIT OR SOIL THAT IS UNSTABLE, OR THAT WOULD BECOME UNSTABLE AS A RESULT OF THE PROJECT, AND POTENTIAL RESULT IN ON- OR OFF-SITE LANDSLIDE, LATERAL SPREADING, SUBSIDENCE, LIQUEFACTION, OR COLLAPSE?	❑	❑	☒	❑
g.	BE LOCATED ON EXPANSIVE SOIL, AS DEFINED IN TABLE 18-1-B OF THE UNIFORM BUILDING CODE (1994), CREATING SUBSTANTIAL RISKS TO LIFE OR PROPERTY?	❑	❑	❑	☒
h.	HAVE SOILS INCAPABLE OF ADEQUATELY SUPPORTING THE USE OF SEPTIC TANKS OR ALTERNATIVE WASTE WATER DISPOSAL SYSTEMS WHERE SEWERS ARE NOT AVAILABLE FOR THE DISPOSAL OF WASTE WATER?	❑	❑	❑	☒
VII.	**GREENHOUSE GAS EMISSIONS**				
a.	GENERATE GREENHOUSE GAS EMISSIONS, EITHER DIRECTLY OR INDIRECTLY, THAT MAY HAVE A SIGNIFICANT IMPACT ON THE ENVIRONMENT?	❑	❑	☒	❑
b.	CONFLICT WITH AN APPLICABLE PLAN, POLICY OR REGULATION ADOPTED FOR THE PURPOSE OF REDUCING THE EMISSIONS OF GREENHOUSE GASES?	❑	❑	☒	❑
III.	**HAZARDS AND HAZARDOUS MATERIALS**				
a.	CREATE A SIGNIFICANT HAZARD TO THE PUBLIC OR THE ENVIRONMENT THROUGH THE ROUTINE TRANSPORT, USE, OR DISPOSAL OF HAZARDOUS MATERIALS	❑	❑	☒	❑
b.	CREATE A SIGNIFICANT HAZARD TO THE PUBLIC OR THE ENVIRONMENT THROUGH REASONABLY FORESEEABLE UPSET AND ACCIDENT CONDITIONS INVOLVING THE RELEASE OF HAZARDOUS MATERIALS INTO THE ENVIRONMENT?	❑	☒	❑	❑
c.	EMIT HAZARDOUS EMISSIONS OR HANDLE HAZARDOUS OR ACUTELY HAZARDOUS MATERIALS, SUBSTANCES, OR WASTE WITHIN ONE-QUARTER MILE OF AN EXISTING OR PROPOSED SCHOOL?	❑	☒	❑	❑
d.	BE LOCATED ON A SITE WHICH IS INCLUDED ON A LIST OF HAZARDOUS MATERIALS SITES COMPILED PURSUANT TO GOVERNMENT CODE SECTION 65962.5 AND, AS A RESULT, WOULD IT CREATE A SIGNIFICANT HAZARD TO THE PUBLIC OR THE ENVIRONMENT?	❑	❑	☒	❑
e.	FOR A PROJECT LOCATED WITHIN AN AIRPORT LAND USE PLAN OR, WHERE SUCH A PLAN HAS NOT BEEN ADOPTED, WITHIN TWO MILES OF A PUBLIC AIRPORT OR PUBLIC USE AIRPORT, WOULD THE PROJECT RESULT IN A SAFETY HAZARD FOR PEOPLE RESIDING OR	❑	❑	❑	☒

		Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
	WORKING IN THE PROJECT AREA?				
f.	FOR A PROJECT WITHIN THE VICINITY OF A PRIVATE AIRSTRIP, WOULD THE PROJECT RESULT IN A SAFETY HAZARD FOR THE PEOPLE RESIDING OR WORKING IN THE AREA?	☐	☐	☐	☒
g.	IMPAIR IMPLEMENTATION OF OR PHYSICALLY INTERFERE WITH AN ADOPTED EMERGENCY RESPONSE PLAN OR EMERGENCY EVACUATION PLAN?	☐	☐	☐	☒
h.	EXPOSE PEOPLE OR STRUCTURES TO A SIGNIFICANT RISK OF LOSS, INJURY OR DEATH INVOLVING WILDLAND FIRES, INCLUDING WHERE WILDLANDS ARE ADJACENT TO URBANIZED AREAS OR WHERE RESIDENCES ARE INTERMIXED WITH WILDLANDS?	☐	☐	☐	☒
IX.	**HYDROLOGY AND WATER QUALITY**				
a.	VIOLATE ANY WATER QUALITY STANDARDS OR WASTE DISCHARGE REQUIREMENTS?	☐	☐	☒	☐
b.	SUBSTANTIALLY DEPLETE GROUNDWATER SUPPLIES OR INTERFERE WITH GROUNDWATER RECHARGE SUCH THAT THERE WOULD BE A NET DEFICIT IN AQUIFER VOLUME OR A LOWERING OF THE LOCAL GROUNDWATER TABLE LEVEL (E.G., THE PRODUCTION RATE OF PRE-EXISTING NEARBY WELLS WOULD DROP TO A LEVEL WHICH WOULD NOT SUPPORT EXISTING LAND USES OR PLANNED LAND USES FOR WHICH PERMITS HAVE BEEN GRANTED)?	☐	☐	☒	☐
c.	SUBSTANTIALLY ALTER THE EXISTING DRAINAGE PATTERN OF THE SITE OR AREA, INCLUDING THROUGH THE ALTERATION OF THE COURSE OF A STREAM OR RIVER, IN A MANNER WHICH WOULD RESULT IN SUBSTANTIAL EROSION OR SILTATION ON- OR OFF-SITE?	☐	☐	☒	☐
d.	SUBSTANTIALLY ALTER THE EXISTING DRAINAGE PATTERN OF THE SITE OR AREA, INCLUDING THROUGH THE ALTERATION OF THE COURSE OF A STREAM OR RIVER, OR SUBSTANTIALLY INCREASE THE RATE OR AMOUNT OF SURFACE RUNOFF IN AN MANNER WHICH WOULD RESULT IN FLOODING ON- OR OFF SITE?	☐	☐	☒	☐
e.	CREATE OR CONTRIBUTE RUNOFF WATER WHICH WOULD EXCEED THE CAPACITY OF EXISTING OR PLANNED STORMWATER DRAINAGE SYSTEMS OR PROVIDE SUBSTANTIAL ADDITIONAL SOURCES OF POLLUTED RUNOFF?	☐	☐	☒	☐
f.	OTHERWISE SUBSTANTIALLY DEGRADE WATER QUALITY?	☐	☐	☐	☒
g.	PLACE HOUSING WITHIN A 100-YEAR FLOOD PLAIN AS MAPPED ON FEDERAL FLOOD HAZARD BOUNDARY OR FLOOD INSURANCE RATE MAP OR OTHER FLOOD HAZARD DELINEATION MAP?	☐	☐	☐	☒
h.	PLACE WITHIN A 100-YEAR FLOOD PLAIN STRUCTURES WHICH WOULD IMPEDE OR REDIRECT FLOOD FLOWS?	☐	☐	☐	☒
i.	EXPOSE PEOPLE OR STRUCTURES TO A SIGNIFICANT RISK OF LOSS, INQUIRY OR DEATH INVOLVING FLOODING, INCLUDING FLOODING AS A RESULT OF THE FAILURE OF A LEVEE OR DAM?	☐	☐	☒	☐
j.	INUNDATION BY SEICHE, TSUNAMI, OR MUDFLOW?	☐	☐	☐	☒
X.	**LAND USE AND PLANNING**				
a.	PHYSICALLY DIVIDE AN ESTABLISHED COMMUNITY?	☐	☐	☐	☒
b.	CONFLICT WITH APPLICABLE LAND USE PLAN, POLICY OR REGULATION OF AN AGENCY WITH JURISDICTION OVER THE	☐	☐	☒	☐

		Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
	PROJECT (INCLUDING BUT NOT LIMITED TO THE GENERAL PLAN, SPECIFIC PLAN, COASTAL PROGRAM, OR ZONING ORDINANCE) ADOPTED FOR THE PURPOSE OF AVOIDING OR MITIGATING AN ENVIRONMENTAL EFFECT?				
c.	CONFLICT WITH ANY APPLICABLE HABITAT CONSERVATION PLAN OR NATURAL COMMUNITY CONSERVATION PLAN?	☐	☐	☐	☒
XI.	**MINERAL RESOURCES**				
a.	RESULT IN THE LOSS OF AVAILABILITY OF A KNOWN MINERAL RESOURCE THAT WOULD BE OF VALUE TO THE REGION AND THE RESIDENTS OF THE STATE?	☐	☐	☐	☒
b.	RESULT IN THE LOSS OF AVAILABILITY OF A LOCALLY-IMPORTANT MINERAL RESOURCE RECOVERY SITE DELINEATED ON A LOCAL GENERAL PLAN, SPECIFIC PLAN, OR OTHER LAND USE PLAN?	☐	☐	☐	☒
XII.	**NOISE**				
a.	EXPOSURE OF PERSONS TO OR GENERATION OF NOISE IN LEVEL IN EXCESS OF STANDARDS ESTABLISHED IN THE LOCAL GENERAL PLAN OR NOISE ORDINANCE, OR APPLICABLE STANDARDS OF OTHER AGENCIES?	☐	☒	☐	☐
b.	EXPOSURE OF PEOPLE TO OR GENERATION OF EXCESSIVE GROUNDBORNE VIBRATION OR GROUNDBORNE NOISE LEVELS?	☐	☒	☐	☐
c.	A SUBSTANTIAL PERMANENT INCREASE IN AMBIENT NOISE LEVELS IN THE PROJECT VICINITY ABOVE LEVELS EXISTING WITHOUT THE PROJECT?	☐	☒	☐	☐
d.	A SUBSTANTIAL TEMPORARY OR PERIODIC INCREASE IN AMBIENT NOISE LEVELS IN THE PROJECT VICINITY ABOVE LEVELS EXISTING WITHOUT THE PROJECT?	☐	☒	☐	☐
e.	FOR A PROJECT LOCATED WITHIN AN AIRPORT LAND USE PLAN OR, WHERE SUCH A PLAN HAS NOT BEEN ADOPTED, WITHIN TWO MILES OF A PUBLIC AIRPORT OR PUBLIC USE AIRPORT, WOULD THE PROJECT EXPOSE PEOPLE RESIDING OR WORKING IN THE PROJECT AREA TO EXCESSIVE NOISE LEVELS?	☐	☐	☐	☒
f.	FOR A PROJECT WITHIN THE VICINITY OF A PRIVATE AIRSTRIP, WOULD THE PROJECT EXPOSE PEOPLE RESIDING OR WORKING IN THE PROJECT AREA TO EXCESSIVE NOISE LEVELS?	☐	☐	☐	☒
XIII.	**POPULATION AND HOUSING**				
a.	INDUCE SUBSTANTIAL POPULATION GROWTH IN AN AREA EITHER DIRECTLY (FOR EXAMPLE, BY PROPOSING NEW HOMES AND BUSINESSES) OR INDIRECTLY (FOR EXAMPLE, THROUGH EXTENSION OF ROADS OR OTHER INFRASTRUCTURE)?	☐	☐	☒	☐
b.	DISPLACE SUBSTANTIAL NUMBERS OF EXISTING HOUSING NECESSITATING THE CONSTRUCTION OF REPLACEMENT HOUSING ELSEWHERE?	☐	☐	☐	☒
c.	DISPLACE SUBSTANTIAL NUMBERS OF PEOPLE NECESSITATING THE CONSTRUCTION OF REPLACEMENT HOUSING ELSEWHERE?	☐	☐	☐	☒
XIV.	**PUBLIC SERVICES**				
a.i.	FIRE PROTECTION?	☐	☐	☒	☐
a.ii.	POLICE PROTECTION?	☐	☒	☐	☐

		Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
a.iii.	SCHOOLS?	☐	☐	☒	☐
a.iv.	PARKS?	☐	☐	☒	☐
a.v.	OTHER PUBLIC FACILITIES?	☐	☐	☒	☐
XV.	**RECREATION**				
a.	WOULD THE PROJECT INCREASE THE USE OF EXISTING NEIGHBORHOOD AND REGIONAL PARKS OR OTHER RECREATIONAL FACILITIES SUCH THAT SUBSTANTIAL PHYSICAL DETERIORATION OF THE FACILITY WOULD OCCUR OR BE ACCELERATED?	☐	☐	☒	☐
b.	DOES THE PROJECT INCLUDE RECREATIONAL FACILITIES OR REQUIRE THE CONSTRUCTION OR EXPANSION OF RECREATIONAL FACILITIES WHICH MIGHT HAVE AN ADVERSE PHYSICAL EFFECT ON THE ENVIRONMENT?	☐	☐	☒	☐
XVI.	**TRANSPORTATION/CIRCULATION**				
a.	CONFLICT WITH AN APPLICABLE PLAN, ORDINANCE OR POLICY ESTABLISHING MEASURES OF EFFECTIVENESS FOR THE PERFORMANCE OF THE CIRCULATION SYSTEM, TAKING INTO ACCOUNT ALL MODES OF TRANSPORTATION INCLUDING MASS TRANSIT AND NON-MOTORIZED TRAVEL AND RELEVANT COMPONENTS OF THE CIRCULATION SYSTEM, INCLUDING BUT NOT LIMITED TO INTERSECTIONS, STREETS, HIGHWAYS AND FREEWAYS, PEDESTRIAN AND BICYCLE PATHS AND MASS TRANSIT?	☐	☒	☐	☐
b.	CONFLICT WITH AN APPLICABLE CONGESTION MANAGEMENT PROGRAM, INCLUDING BUT NOT LIMITED TO LEVEL OF SERVICE STANDARDS AND TRAVEL DEMAND MEASURES, OR OTHER STANDARDS ESTABLISHED BY THE COUNTY CONGESTION MANAGEMENT AGENCY FOR DESIGNATED ROADS OR HIGHWAYS?	☐	☐	☒	☐
c.	RESULT IN A CHANGE IN AIR TRAFFIC PATTERNS, INCLUDING EITHER AN INCREASE IN TRAFFIC LEVELS OR A CHANGE IN LOCATION THAT RESULTS IN SUBSTANTIAL SAFETY RISKS?	☐	☐	☐	☒
d.	SUBSTANTIALLY INCREASE HAZARDS TO A DESIGN FEATURE (E.G., SHARP CURVES OR DANGEROUS INTERSECTIONS) OR INCOMPATIBLE USES (E.G., FARM EQUIPMENT)?	☐	☒	☐	☐
e.	RESULT IN INADEQUATE EMERGENCY ACCESS?	☐	☐	☒	☐
f.	CONFLICT WITH ADOPTED POLICIES, PLANS OR PROGRAMS REGARDING PUBLIC TRANSIT, BICYCLE, OR PEDESTRIAN FACILITIES, OR OTHERWISE DECREASE THE PERFORMANCE OR SAFETY OF SUCH FACILITIES?	☐	☐	☒	☐
XVII.	**UTILITIES**				
a.	EXCEED WASTEWATER TREATMENT REQUIREMENTS OF THE APPLICABLE REGIONAL WATER QUALITY CONTROL BOARD?	☐	☐	☒	☐
b.	REQUIRE OR RESULT IN THE CONSTRUCTION OF NEW WATER OR WASTEWATER TREATMENT FACILITIES OR EXPANSION OF EXISTING FACILITIES, THE CONSTRUCTION OF WHICH COULD CAUSE SIGNIFICANT ENVIRONMENTAL EFFECTS?	☐	☐	☒	☐
c.	REQUIRE OR RESULT IN THE CONSTRUCTION OF NEW STORMWATER DRAINAGE FACILITIES OR EXPANSION OF EXISTING FACILITIES, THE CONSTRUCTION OF WHICH COULD CAUSE SIGNIFICANT ENVIRONMENTAL EFFECTS?	☐	☐	☒	☐

		Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
d.	HAVE SUFFICIENT WATER SUPPLIES AVAILABLE TO SERVE THE PROJECT FROM EXISTING ENTITLEMENTS AND RESOURCE, OR ARE NEW OR EXPANDED ENTITLEMENTS NEEDED?	❑	❑	☒	❑
e.	RESULT IN A DETERMINATION BY THE WASTEWATER TREATMENT PROVIDER WHICH SERVES OR MAY SERVE THE PROJECT THAT IT HAS ADEQUATE CAPACITY TO SERVE THE PROJECT'S PROJECTED DEMAND IN ADDITION TO THE PROVIDER'S EXISTING COMMITMENTS?	❑	❑	☒	❑
f.	BE SERVED BY A LANDFILL WITH SUFFICIENT PERMITTED CAPACITY TO ACCOMMODATE THE PROJECT'S SOLID WASTE DISPOSAL NEEDS?	❑	❑	☒	❑
g.	COMPLY WITH FEDERAL, STATE, AND LOCAL STATUTES AND REGULATIONS RELATED TO SOLID WASTE?	❑	❑	☒	❑
XVIII.	**MANDATORY FINDINGS OF SIGNIFICANCE**				
a.	DOES THE PROJECT HAVE THE POTENTIAL TO DEGRADE THE QUALITY OF THE ENVIRONMENT, SUBSTANTIALLY REDUCE THE HABITAT OF FISH OR WILDLIFE SPECIES, CAUSE A FISH OR WILDLIFE POPULATION TO DROP BELOW SELF-SUSTAINING LEVELS, THREATEN TO ELIMINATE A PLANT OR ANIMAL COMMUNITY, REDUCE THE NUMBER OR RESTRICT THE RANGE OF A RARE OR ENDANGERED PLANT OR ANIMAL OR ELIMINATE IMPORTANT EXAMPLES OF THE MAJOR PERIODS OF CALIFORNIA HISTORY OR PREHISTORY?	❑	❑	❑	☒
b.	DOES THE PROJECT HAVE IMPACTS WHICH ARE INDIVIDUALLY LIMITED, BUT CUMULATIVELY CONSIDERABLE? ("CUMULATIVELY CONSIDERABLE" MEANS THAT THE INCREMENTAL EFFECTS OF AN INDIVIDUAL PROJECT ARE CONSIDERABLE WHEN VIEWED IN CONNECTION WITH THE EFFECTS OF PAST PROJECTS, THE EFFECTS OF OTHER CURRENT PROJECTS, AND THE EFFECTS OF PROBABLE FUTURE PROJECTS).	❑	❑	☒	❑
c.	DOES THE PROJECT HAVE ENVIRONMENTAL EFFECTS WHICH CAUSE SUBSTANTIAL ADVERSE EFFECTS ON HUMAN BEINGS, EITHER DIRECTLY OR INDIRECTLY?	❑	☒	❑	❑

DISCUSSION OF THE ENVIRONMENTAL EVALUATION (Attach additional sheets if necessary)

The Environmental Impact Assessment includes the use of official City of Los Angeles and other government source reference materials related to various environmental impact categories (e.g., Hydrology, Air Quality, Biology, Cultural Resources, etc.). The State of California, Department of Conservation, Division of Mines and Geology – Seismic Hazard Maps and reports, are used to identify potential future significant seismic events; including probable magnitudes, liquefaction, and landslide hazards. Based on Applicant information provided in the Master Land Use Application and Environmental Assessment Form, impact evaluations were based on stated facts contained therein, including but not limited to, reference materials indicated above, field investigation of the project site, and other reliable reference materials known at the time.

Project specific impacts were evaluated based on all relevant facts indicated in the Environmental Assessment Form and expressed through the Applicant's project description and supportive materials. Both the Initial Study Checklist and Checklist Explanations, in conjunction with the City of Los Angeles's Adopted Thresholds Guide and CEQA Guidelines, were used to reach reasonable conclusions on environmental impacts as mandated under the California Environmental Quality Act (CEQA).

The project as identified in the project description may cause potentially significant impacts on the environment without mitigation. Therefore, this environmental analysis concludes that a Mitigated Negative Declaration shall be issued to avoid and mitigate all potential adverse impacts on the environment by the imposition of mitigation measures and/or conditions contained and expressed in this document; the environmental case file known as **ENV-2016-273-MND** and the associated case(s), **ZA-2016-272-ZAA-SPR-CLQ**. Finally, based on the fact that these impacts can be feasibly mitigated to less than significant, and based on the findings and thresholds for Mandatory Findings of Significance as described in the California Environmental Quality Act, section 15065, the overall project impacts(s) on the environment (after mitigation) **will not**:

- Substantially degrade environmental quality.
- Substantially reduce fish or wildlife habitat.
- Cause a fish or wildlife habitat to drop below self sustaining levels.
- Threaten to eliminate a plant or animal community.
- Reduce number, or restrict range of a rare, threatened, or endangered species.
- Eliminate important examples of major periods of California history or prehistory.
- Achieve short-term goals to the disadvantage of long-term goals.
- Result in environmental effects that are individually limited but cumulatively considerable.
- Result in environmental effects that will cause substantial adverse effects on human beings.

ADDITIONAL INFORMATION:

All supporting documents and references are contained in the Environmental Case File referenced above and may be viewed in the Environmental Analysis Unit, Room 750, City Hall.

For City information, addresses, and phone numbers: visit the City's website at http://www.lacity.org; City Planning- and Zoning Information Mapping Automated System (ZIMAS) cityplanning.lacity.org/ or EIR Unit, City Hall, 200 N Spring Street, Room 763. Seismic Hazard Maps – http://gmw.consrv.ca.gov/shmp/ Engineering/Infrastructure/Topographic Maps/Parcel Information – http://boemaps.eng.ci.la.ca.us/index0.1htm or City's main website under the heading "Navigate LA."

PREPARED BY:	TITLE:	TELEPHONE NO.:	DATE:
Michael Sin	Planning Assistant	(213) 978-1345	2/10/17

	Impact	Explanation	Mitigation Measures
I. AESTHETICS			
a.	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
b.	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
c.	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
d.	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
II. AGRICULTURAL RESOURCES			
a.	No Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
b.	No Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
c.	No Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
d.	No Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
e.	No Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
III. AIR QUALITY			
a.	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
b.	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
c.	Less Than Significant Impact	See expanded environmental analysis (attached).	No mitigation measures are required.
d.	Less Than Significant Impact	See expanded environmental analysis (attached).	No mitigation measures are required.
e.	Less Than Significant Impact	See expanded environmental analysis (attached).	No mitigation measures are required.
IV. BIOLOGICAL RESOURCES			
a.	Potentially Significant Unless Mitigation Incorporated.	See expanded environmental analysis (attached).	MM-BIO-1, MM-BIO-2
b.	No Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
c.	No Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
d.	No Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
e.	Potentially Significant Unless Mitigation Incorporated.	See expanded environmental analysis (attached).	MM-BIO-1, MM-BIO-2
f.	No Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
V. CULTURAL RESOURCES			
a.	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
b.	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
c.	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
d.	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
e.	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
VI. GEOLOGY AND SOILS			
a.	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
b.	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
c.	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
d.	No Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
e.	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
f.	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
g.	No Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
h.	No Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
VII. GREENHOUSE GAS EMISSIONS			
a.	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
b.	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.

	Impact	Explanation	Mitigation Measures
VIII. HAZARDS AND HAZARDOUS MATERIALS			
a.	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
b.	Potentially Significant Impact Unless Mitigation Incorporated.	See expanded environmental analysis (attached).	MM-HAZ-1
c.	Potentially Significant Impact Unless Mitigation Incorporated.	See expanded environmental analysis (attached).	MM-HAZ-2, MM-HAZ-3
d.	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
e.	No Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
f.	No Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
g.	No Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
h.	No Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
IX. HYDROLOGY AND WATER QUALITY			
a.	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
b.	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
c.	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
d.	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
e.	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
f.	No Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
g.	No Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
h.	No Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
i.	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
j.	No Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
X. LAND USE AND PLANNING			
a.	No Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
b.	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
c.	No Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
XI. MINERAL RESOURCES			
a.	No Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
b.	No Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
XII. NOISE			
a.	Potentially Significant Impact Unless Mitigation Incorporated.	See expanded environmental analysis (attached).	MM-N-1
b.	Potentially Significant Impact Unless Mitigation Incorporated.	See expanded environmental analysis (attached).	MM-N-1
c.	Potentially Significant Impact Unless Mitigation Incorporated.	See expanded environmental analysis (attached).	MM-N-2
d.	Potentially Significant Impact Unless Mitigation Incorporated.	See expanded environmental analysis (attached).	MM-N-1
e.	No Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
f.	No Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
XIII. POPULATION AND HOUSING			
a.	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
b.	No Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
c.	No Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
XIV. PUBLIC SERVICES			
a.i	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
a.ii	Potentially Significant Unless	See expanded environmental analysis (attached).	MM-PS-1

	Impact	Explanation	Mitigation Measures
	Mitigation Incorporated		
a.iii	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
a.iv	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
a.v.	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
XV. RECREATION			
a.	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
b.	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
XVI. TRANSPORTATION/CIRCULATION			
a.	Potentially Significant Impact Unless Mitigation Incorporated.	See expanded environmental analysis (attached).	MM-T-1, MM-T-2, MM-T-3, MM-T-4, MM-T-5, MM-T-6
b.	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
c.	No Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
d.	Potentially Significant Impact Unless Mitigation Incorporated.	See expanded environmental analysis (attached).	MM-T-1
e.	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
f.	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
XVII. UTILITIES AND SERVICE SYSTEMS			
a.	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
b.	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
c.	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
d.	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
e.	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
f.	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
g.	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
XVIII. MANDATORY FINDINGS OF SIGNIFICANCE			
a.	No Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
b.	Less Than Significant Impact.	See expanded environmental analysis (attached).	No mitigation measures are required.
c.	Potentially Significant Impact Unless Mitigation Incorporated.	See expanded environmental analysis (attached).	See mitigation measures below.

MITIGATION MEASURES

AESTHETICS

No mitigation measures are required.

AGRICULTURE AND FORESTRY RESOURCES

No mitigation measures are required.

AIR QUALITY

No mitigation measures are required.

BIOLOGICAL RESOURCES

MM-BIO-1 Tree Removal (Non-Protected Trees)

- Prior to the issuance of any permit, a plot plan shall be prepared indicating the location, size, type, and general condition of all existing trees on the site and within the adjacent public right(s)-of-way.
- All significant (8-inch or greater trunk diameter, or cumulative trunk diameter if multi-trunked, as measured 54 inches above the ground) non-protected trees on the site proposed for removal shall be replaced at a 1:1 ratio with a minimum 24-inch box tree. Net, new trees, located within the parkway of the adjacent public right(s)-of-way, may be counted toward replacement tree requirements.
- Removal or planting of any tree in the public right-of-way requires approval of the Board of Public Works. Contact Urban Forestry Division at: 213-847-3077. All trees in the public right-of-way shall be provided per the current standards of the Urban Forestry Division the Department of Public Works, Bureau of Street Services.

MM-BIO-2 Habitat Modification (Nesting Native Birds)

- Proposed project activities (including disturbances to native and non-native vegetation, structures and substrates) should take place outside of the breeding bird season which generally runs from March 1- August 31 (as early as February 1 for raptors) to avoid take (including disturbances which would cause abandonment of active nests containing eggs and/or young). Take means to hunt, pursue, catch, capture, or kill, or attempt to hunt, pursue, catch, capture of kill (Fish and Game Code Section 86).
- If project activities cannot feasibly avoid the breeding bird season, beginning thirty days prior to the disturbance of suitable nesting habitat, the applicant shall:
    - Arrange for weekly bird surveys to detect any protected native birds in the habitat to be removed and any other such habitat within 300 feet of the construction work area (within 500 feet for raptors) as access to adjacent areas allows. The surveys shall be conducted by a Qualified Biologist with experience in conducting breeding bird surveys. The surveys shall continue on a weekly basis with the last survey being conducted no more than 3 days prior to the initiation of clearance/construction work.

- If a protected native bird is found, the applicant shall delay all clearance/construction disturbance activities within 300 feet of suitable nesting habitat for the observed protected bird species (within 500 feet for suitable raptor nesting habitat) until August 31.
- Alternatively, the Qualified Biologist could continue the surveys in order to locate any nests. If an active nest is located, clearing and construction within 300 feet of the nest (within 500 feet for raptor nests) or as determined by a qualified biological monitor, shall be postponed until the nest is vacated and juveniles have fledged and when there is no evidence of a second attempt at nesting. The buffer zone from the nest shall be established in the field with flagging and stakes. Construction personnel shall be instructed on the sensitivity of the area.
- The applicant shall record the results of the recommended protective measures described above to document compliance with applicable State and Federal laws pertaining to the protection of native birds. Such record shall be submitted and received into the case file for the associated discretionary action permitting the project.

CULTURAL RESOURCES

No mitigation measures are required.

GEOLOGY AND SOILS

No mitigation measures are required.

GREENHOUSE GAS EMISSIONS

No mitigation measures are required.

HAZARDS AND HAZARDOUS MATERIALS

MM-HAZ-1 (Existing Toxic/Hazardous Construction Materials)

- (Lead Paint) Prior to the issuance of any permit for demolition or alteration of the existing structure(s), a lead-based paint survey shall be performed to the written satisfaction of the Department of Building and Safety. Should lead-based paint materials be identified, standard handling and disposal practices shall be implemented pursuant to OSHA regulations.

MM-HAZ-2 Construction Activity Near Schools

- The Applicant and contractors shall maintain ongoing contact with administrator of Hillside Elementary School, Loreta Street Elementary School, and Los Angeles Leadership Academy Charter School. The administrative offices shall be contacted when demolition, grading and construction activity begin on the project site so that students and their parents will know when such activities are to occur. The developer shall obtain school walk and bus routes to the schools from either the administrators or from the LAUSD's Transportation Branch (323)342-1400 and guarantee that safe and convenient pedestrian and bus routes to the school be maintained.

- The Applicant shall install appropriate traffic signs around the site to ensure pedestrian and vehicle safety.
- There shall be no staging or parking of construction vehicles, including vehicles to transport workers on Pasadena Avenue, adjacent to the school.
- Due to noise impacts on the schools, no construction vehicles or haul trucks shall be staged or idled on Pasadena Avenue, adjacent to the school, during school hours.

MM-HAZ-3 Schools Affected by Haul Route

- Haul route scheduling shall be sequenced to minimize conflicts with pedestrians, school buses and cars at the arrival and dismissal times of the school day. Haul route trucks shall not be routed past the school during periods when school is in session especially when students are arriving or departing from the campus.

HYDROLOGY AND WATER QUALITY

No mitigation measures are required.

LAND USE AND PLANNING

No mitigation measures are required.

MINERAL RESOURCES

No mitigation measures are required.

NOISE

MM-N-1 Increased Noise Levels (Demolition, Grading, and Construction Activities)

- In addition to satisfying the noise-related conditions identified in [Q] Condition 10 of Ordinance 179,280, the project contractor shall erect a temporary noise-attenuating sound barrier along the perimeter of the Project Site's southerly and easterly property line to minimize construction noise levels at off site properties. The sound wall shall be a minimum of 8 feet in height to block the line of site of construction equipment and off site receptors at the ground level. The sound barrier shall include ¾ inch plywood or other sound absorbing material capable of achieving a 10 dBA reduction in sound level.

MM-N-2 Increased Noise Levels (Parking Structure Ramps)

- Concrete, not metal, shall be used for construction of parking ramps.
- The interior ramps shall be textured to prevent tire squeal at turning areas.

POPULATION AND HOUSING

No mitigation measures are required.

PUBLIC SERVICES

MM-PS-1 Police

- **(Police):** The plans shall incorporate the Design Guidelines (defined in the following sentence) relative to security, semi-public and private spaces, which may include but not be limited to access control to building, secured parking facilities, walls/fences with key systems, well-illuminated public and semi-public space designed with a minimum of dead space to eliminate areas of concealment, location of toilet facilities or building entrances in high-foot traffic areas, and provision of security guard patrol throughout the project site if needed. Please refer to "Design Out Crime Guidelines: Crime Prevention Through Environmental Design", published by the Los Angeles Police Department. Contact the Community Relations Division, located at 100 W. 1st Street, #250, Los Angeles, CA 90012; (213) 486-6000. These measures shall be approved by the Police Department prior to the issuance of building permits.

RECREATION

No mitigation measures are required.

TRANSPORTATION AND TRAFFIC

MM-T-1 Transportation and Traffic

- In addition to the TDM measures, all implementing measure(s) detailed in DOT's communication to the Planning Department (DOT Case No. CEN 15-43306 dated January 28, 2016, attached) shall be complied with.

MM-T-2 Transportation Demand Management (TDM) Program

- The purpose of a TDM plan is to reduce the use of single occupant vehicles (SOV) by increasing the number of trips by walking, bicycle, carpool, vanpool and transit. A TDM plan should include design features, transportation services, education, and incentives intended to reduce the amount of SOV during commute hours. Through strategic building design and orientation, this project can facilitate access to transit, can provide a pedestrian-friendly environment, can promote non-automobile travel and can support the goals of a trip-reduction program.
- A preliminary TDM program shall be prepared and provided for DOT review prior to the issuance of the first building permit for this project and a final TDM program approved by DOT is required prior to the issuance of the first certificate of occupancy for the project. The TDM program should include, but not be limited to, the following strategies:
    - Provide an internal Transportation Management Coordination Program with an on-site transportation coordinator;
    - Design the project to ensure a bicycle, transit, and pedestrian friendly environment;
    - Provide unbundled parking that separates the cost of obtaining assigned parking spaces from the cost of purchasing or renting residential units;

- Accommodate flexible/alternative work schedules and telecommuting programs;
- A provision requiring compliance with the State Parking Cash-out Law in all leases;
- Coordinate with DOT to determine if the project location is eligible for future Integrated Mobility Hub (which can include space for a bike share kiosk, and/or parking spaces on-site for car-share vehicles;
- Provide on-site transit routing and schedule information;
- Provide a program to discount transit passes for residents/employees possibly through negotiated bulk purchasing passes with transit providers;
- Provide rideshare matching services;
- Preferential rideshare loading/unloading or parking location;
- Contribute to a one-time fixed fee contribution of $75,000 to be deposited into the City's Bicycle Plan Trust Fund to implement bicycle improvements in the vicinity of the project.

In addition to these TDM measures, DOT also recommends that the Applicant explore the implementation of an on-demand van, shuttle or tram service that connects the project employees to off-site transit stops based on the transportation needs of the project employees. Such a service can be included as an additional measure in the TDM program if it is deemed feasible and effective by the applicant.

- The Applicant shall implement a TDM/TMP to reduce the project trip generation by 15 percent. Specifically, the project shall not exceed a driveway trip volume count of 179 trips during the a.m. peak hour and 222 trips during the pm peak hour, at full occupancy. To achieve this peak hour driveway trip volume requirement through implementation of an on-site Transportation Demand Management (TDM) Plan the project shall implement a Trip Monitoring Program (TMP).
- The Applicant shall record a covenant and agreement to annually monitor and submit reports on the progress of the driveway trip reduction plan to DOT. Annual reports shall include a report on the observed trip generation and on the project's mode share. The detailed goals, objectives, terms and strategies of the TDM plan and reporting requirements shall be determined during the preparation of the final. The TDM plan is due prior to the issuance of any temporary or final certificate of occupancy permit for the project. The plan should also identify any appropriate penalties, should the project not achieve compliance with the targeted number of driveway trips within a year of exceeding the limits. The TMP shall continue until such time that the project has shown, for five (5) consecutive years, at a minimum of 85% occupancy, accomplishment of the peak hour driveway trip volume requirement as listed.

MM-T-3 Transportation Systems Management (TSM) Improvements

- The Applicant shall implement the upgrades, detailed below by LADOT's ATSAC Section, through the B-Permit process. LADOT's ATSAC Section has identified the need to update the existing traffic signal system. Specifically, install one CCTV camera, a new type 2070 controller, and the necessary infrastructure (including, but not limited to, fiber optic and interconnect) to activate the new installation, at the Pasadena Avenue / Avenue 26 and Daly Street intersection. The video fiber / fiber optic improvements must be guaranteed prior to the issuance of any building

permit and complete prior to the issuance of any certificate of occupancy. Temporary certificates of occupancy may be granted in the event of any delay through no fault of the applicant, provided that, in each case, the applicant has demonstrated reasonable efforts and due diligence to the satisfaction of DOT

MM-T-4 Construction Management Plan

- A Construction work site traffic control plan shall be submitted to DOT for review and approval prior to the start of any construction work. The plans shall show the location of any roadway or sidewalk closures, traffic detours, haul routes, hours of operation, protective devices, warning signs and access to abutting properties. All construction related traffic shall be restricted to off-peak hours.
- All delivery truck loading and unloading shall take place on site or within the boundaries of an approved traffic control plan.

MM-T-5 Transportation and Traffic (Construction)

- The developer shall install appropriate traffic signs around the site to ensure pedestrian and vehicle safety at all times during the construction period.

MM-T-6 Pedestrian Safety During Construction

- The Applicant shall plan construction and construction staging as to maintain pedestrian access on adjacent sidewalks throughout all construction phases. This requires the applicant to maintain adequate and safe pedestrian protection, including physical separation (including utilization of barriers such as K-Rails or scaffolding, etc.) from work space and vehicular traffic, and overhead protection, due to sidewalk closure or blockage, at all times.
- Should permanent pedestrian routes be unavailable due to construction, safe and accessible temporary pedestrian routes shall be provided adjacent to the project site.
- Covered walkways should be provided where pedestrians are exposed to potential injury from falling objects.
- The Applicant shall keep sidewalk open during construction until only when it is absolutely required to close or block sidewalk for construction and/or construction staging. Sidewalk shall be reopened as soon as reasonably feasible taking construction and construction staging into account.

UTILITIES AND SERVICE SYSTEMS

No mitigation measures are required.

MANDATORY FINDINGS OF SIGNIFICANCE

See above mitigation measures.

REGULATORY COMPLIANCE MEASURES

The Proposed Project is located within Subarea 4 of the Northeast Los Angeles Community Plan Ordinance Maps and is zoned [T][Q]CM-2D. Pursuant to Ordinance 179280, limitations imposed upon the use of property subject to the permanent "Q" Qualified Classification or "D" Development Limitation are imposed pursuant to Section 12.32K and 12.32G, respectively, of the Los Angeles Municipal Code. The "Q" Qualified Conditions are indicated by the symbol "Q" in brackets proceeding the proposed zoning designation (for example, [Q]C2). The "D" Development Limitations are indicated by a "D" following the height district designation (for example, C2-2D). The "D" Limitations and "[Q]" Conditions that are applicable to the Project Site and that will be fully addressed in Project design and entitlement are identified below:

"D" Development Limitations

1. Floor Area.

The total floor area of all buildings on the subject lots shall be limited to a Height District 2D with a maximum FAR of 3:1. An additional FAR of 1:1 may be granted for mixed-use projects that incorporate affordable housing at income levels and dwelling unit percentages consistent with State Code. An additional FAR incentive of 0.5:1 may be granted for the inclusion of a childcare facility. Therefore, mixed-use developments which incorporate affordable housing may have a maximum FAR of 4.0:1; mixed-use developments which include a childcare facility without an affordable housing component may have a maximum FAR of 3.5:1; mixed-use developments which include both affordable housing and a childcare facility may have a maximum FAR of 4.5:1.

[Q] QUALIFIED CONDITIONS OF APPROVAL

Pursuant to Section 12.32 G of the Municipal Code; the following limitations are hereby imposed upon the use of the subject property, subject to the "Q" Qualified classification.

A. General Conditions

1. Use Limitations

a. There shall be no 100% Commercial and/or Industrial projects allowed.

b. There shall be no 100% Residential projects allowed.

c. A minimum of 50% of the non-residential floor area shall be limited to Neighborhood Retail and Neighborhood Services as permitted by LAMC 13.07C.

d. The following uses shall be prohibited:

(i) Any drive-through facilities, such as those associated with restaurants, kiosk banks and drugstores;

(ii) Automobile dismantling and automobile salvage yards, and automobile storage yards;

(iii) Outdoor storage yards for junk and salvage items, machinery or construction materials that are not associated with a retail establishment or entertainment production facility;

(iv) Recycling Centers;

(v) Off-site alcoholic beverage sales.

e. Property owners shall satisfy any requirements from the State Department of Toxic Substances Control (DTSC) in relation to potential contamination on the subject site. Prior to the issuance of any clearances by the Department of City Planning (DCP), property owners shall provide to DCP a letter from DTSC that establishes DTSC's satisfaction that the subject site currently meets DTSC requirements for the proposed use or, alternatively, that establishes DTSC's satisfaction with the property owner's contamination testing plan for the proposed use.

2. Parking.

a. Surface Parking. Approval of plans by the Director of Planning shall be required for any project for which surface parking exceeds 20% of the total lot area.

b. Surface and Below-Grade Parking. Parking for commercial uses or guests may be located at grade, but shall not be adjacent to Pasadena Avenue; parking for residences shall be located below grade.

c. Shared Parking. Residential and mixed-use commercial/residential projects shall provide parking as required by the Los Angeles Municipal Code. Commercial parking shall be made available to residents and residential visitors during off-business hours. In the event that the project is developed under the regulations contained in Section 12.22 A 25 of the Municipal Code (Affordable Housing Incentives/Density Bonuses), parking may be provided as permitted by that Section for the length of time that the residential units remain as restricted affordable units.

(i) Tandem parking may be used only for the spaces which are assigned and designated for a single residential unit.

(ii) Signs shall be clearly posted at project entrances directing residential visitors to commercial parking during off-business hours. The signs shall be in large, easy-to-read lettering and shall indicate the general location of the parking. Sign wording shall be to the satisfaction of the Planning Department.

B. Design Conditions

1. Site Planning

a. Development fronting Figueroa Street or Pasadena Avenue shall designate Figueroa Street or Pasadena Avenue as the front yard.

b. All new buildings fronting Figueroa Street or Pasadena Avenue shall provide a pedestrian entrance for each business along Figueroa Street or Pasadena Avenue.

c. Ground floor commercial uses shall be built to the front lot line except where publicly accessible open spaces are provided, such as plazas and outdoor dining areas, and have been incorporated into the site design.

d. All projects shall be subject to approval of plans by the Director of Planning, to be conducted by the Community Planning Bureau.

e. A minimum of 30% of the Subarea shall be devoted to publicly accessible open space and pedestrian paths that shall be accessible beginning at dawn and ending at dusk or close of on-site businesses, whichever occurs later.

f. All new buildings that abut Pasadena Avenue shall provide a pedestrian entrance for each business along Pasadena Avenue.

g. For surface parking areas, the applicant shall provide drainage bioswales along any boundary abutting the Arroyo Seco, and shall design parking areas, landscaped areas and rooftops to direct drainage into the bioswales.

h. Courtyards.

(i) For buildings fronting Pasadena Avenue with over 150 linear feet in width or depth, a front courtyard shall be provided adjacent to the front yard setback at ground level, with a minimum width and depth of 20 linear feet, respectively, and a minimum total area of 700 square feet.

(ii) Required courtyards shall be open to the sky and not be located within 40 linear feet of a side property line.

(iii) Any courtyard fencing shall be predominantly open or transparent in design, shall not exceed 36 inches in height and shall be recessed a minimum of 5 feet.

(iv) Required courtyards shall be located no more than three (3) vertical feet from sidewalk grade.

(v) A minimum of 20 percent of each courtyard shall consist of planted ground cover, shrubs, trees, water features or permanent planter boxes.

(vi) Courtyards shall contain pedestrian amenities, such as shade trees, landscaped trellises, benches, trash bins, etc.

i. A minimum of 75 percent of all usable outdoor public space shall be located at ground level and shall be directly accessible to the general public from Pasadena Avenue and/or Avenue 34.

j. Ground floor frontage along Pasadena Avenue shall be designated for commercial or industrial uses. Ground floor uses shall be designed with a minimum depth of 25 feet.

k. Non-residential uses fronting onto Pasadena Avenue shall maintain a presence and a secondary pedestrian entrance on the interior of the lot.

2. Pedestrian Access

Pedestrian paths shall divide Subarea 4 into a minimum of four sections.

a. There shall be an easUwest and a north/south pedestrian path through Subarea 4.

b. The paths shall be aligned through the midpoint of Subarea 4 and cross each other at a perpendicular angle.

c. The required pedestrian paths shall be a minimum of 16 feet in width and may include up to 2 feet of landscaping on each side.

d. The required pedestrian paths shall be comprised of attractive hardscape materials or appropriate permeable alternatives. The use of asphalt is prohibited.

e. Developments on parcels that abut the required pedestrian paths shall contribute their proportional share of said paths.

f. Pedestrian paths shall be illuminated with pedestrian-scale lighting installed on either side of each pedestrian path at a minimum interval of one fixture every 20 linear feet.

g. These pedestrian paths shall be open and accessible to the public from dawn until dusk or the close of on-site businesses, whichever occurs later.

h. These pedestrian paths may count toward the Code-required open space.

i. These pedestrian paths may be included in the buildable area for the purposes of calculating the floor area ratio (FAR).

3. Building Design

a. A break in the building wall along Figueroa Street or Pasadena Avenue shall only be permitted when vehicular access cannot be obtained from side streets or private alleyways, as determined by LADOT. The break in the wall, when permitted, shall not exceed a distance of the linear feet required for driveways and other vehicular access. When vehicular access must be taken from the primary street, the driveway entry gate shall be recessed from the sidewalk by a minimum of 20 feet.

b. All ground floor storefronts in new buildings that are greater than 30 feet in length shall provide architectural features on the building fa<;ade that will help to create a pattern along the street frontage and avoid the presence of a monotonous fa<;ade through the use of vertical elements, such as columns, placed in a pattern, or recesses in the fa<;ade, at minimum intervals of 20 feet.

c. All facades on new buildings shall be designed with articulation that provides relief for every 20 horizontal feet and 15 vertical feet.

d. The front elevation of all new structures shall be stepped back a minimum of five (5) feet from the front property line at the third story and again at the fifth story.

e. Wall openings, such as windows and doors, shall occupy at least 70 percent of the ground floor street facade along Pasadena Avenue and Figueroa Street.

f. Storefront windows shall be a minimum of 18 vertical inches and a maximum of 36 vertical inches from sidewalk grade.

4. Architectural Details

a. Articulation and architectural detail shall be applied equally on all building elevations.

b. All balconies shall be flush with the exterior wall and made of an opaque materials for the first four feet.

c. All balconies shall be of a usable dimension, a minimum of six feet wide.

d. Building entrances shall meet the following criteria:

(i) All projects shall provide a prominent residential entry that is accessible from the public right-of-way abutting the front yard; and

(ii) Each commercial premise shall provide a front door that is accessible from the public right-of-way abutting the front yard.

e. All buildings shall provide security lighting for pedestrians on the ground floor of building facades fronting public rights-of-way.

f. Windows shall allow a minimum of 90-percent light transmission. Non-reflective glass shall be used to allow maximum visibility from the sidewalk areas into the interior of all commercial uses.

g. Storefront windows shall be recessed at least 3 inches from the front plane of the building.

h. Where awnings and canopies are used on storefronts greater than 25 feet in length, one awning or canopy shall be provided for each structural bay where such bays exist.

i. Awnings and canopies shall project a maximum of 36-inches into the sidewalk.

j. Awnings and canopies shall be attached to the building, without support poles on the sidewalk.

k. All rooflines that exceed 40 linear feet shall provide some kind of relief either through the application of a gable, dormer, change of material or other type of articulation.

5. Walls and Fences:

a. Exterior walls shall be treated with graffiti resistant-surfaces. Such treatment may include specialized coatings and the installation of vegetation.

b. All free-standing walls shall provide a break in plane, or a change in material, or an opening in the surface of the wall at minimum every 20 feet in horizontal length, or by an articulation or architectural detail such as a staggered wall, an indentation, patterned block or a symmetrical spacing of columns at minimum every 20 feet.

c. Free-standing walls or fences shall not use barbed wire or razor wire to adorn the tops of walls within view of the public right-of-way.

d. Walls or fences in the front yard shall not exceed 42 inches in height, as measured from the lowest adjacent grade, and shall be constructed of transparent decorative materials that are integrated into the design and architecture of the building.

e. Where taller walls or fences, up to a maximum of 6 feet in height, are required for security reasons, the fence or wall shall be located inside the setback landscape buffer, integrated into the architecture of the building and screened by landscaping or otherwise designed to be obscured from view from the public way. This condition applies to walls or fences in side or rear yards only.

f. Fences and walls exceeding 42 inches in side or rear yards may be located at the property line only when permitted portions of the required yard are used for private or common open space, as allowed by the Los Angeles Municipal Code. Otherwise these walls and fences shall be located within the landscaped setback, per Condition C-4(e).

6. Landscaping

a. Open space shall be provided per LAMC.

b. All open areas not used for buildings, driveways, surface parking areas, recreational facilities, pedestrian paths or walkways shall be attractively landscaped and include an automatic irrigation system, in accordance with a landscape plan prepared by a licensed landscape architect, licensed architect, or landscape contractor to the satisfaction of the Planning Department.

c. A minimum of five percent of the total surface area of a surface parking lot shall be landscaped with trees, shrubbery and ground cover.

d. A minimum of 50 percent of common usable open space, including plazas and courtyards, shall be planted in ground cover, shrubs or trees. Trees shall be planted at a ratio of one tree for every 1,000 square feet of lot area. Trees shall be at minimum 24-inch box trees, and shall be planted within open space areas. Landscaped areas located on top of a parking garage or deck shall include permanent planters at least 30 inches in depth (12 inches for lawn/ground cover) and be properly irrigated and drained to the satisfaction of the Planning Department.

e. Paved surfaces within usable public spaces shall be comprised of stamped concrete, tile or other decorative paving surfaces. Asphalt shall be prohibited as a paving surface within usable public spaces.

f. Any portion of a parking level which exceeds grade shall be screened from the view of the public right-of-way by landscape features including trees, shrubbery, planter boxes or berms, none of which shall be shorter than three (3) feet in height. Any planter box or berm shall not be considered in calculating additional height of a structure.

g. All surface parking areas shall include a pedestrian walkway from the primary structure served by the parking area up to a distance measuring 50 straightline feet. The pedestrian walkway shall be paved with stamped concrete or another decorative surface in keeping with the architectural style of the surrounding structures.

h. Landscape setbacks, where required, shall include a 24-inch box tree for every 20 feet of street frontage. Trees installed shall have a minimum canopy diameter of 20 feet at the time of maturity.

i. Landscape setbacks, where required, shall include 90 percent ground covering through the use of turf, grass, flowering plants and shrubs.

j. Street trees shall be 24-inch box trees planted along the street frontage, spaced 20 feet on center with root collars to prevent uplifting of sidewalks. Street tree type shall match the

prevailing street tree of the street provided that it is an acceptable tree species, to the satisfaction of the Bureau of Urban Forestry.

7. Mechanical, Security & Trash Equipment

a. All service areas and loading docks shall be located at the rear of structures.

b. All exterior rooftop and ground level mechanical equipment, including HVAC equipment, exhaust fans and satellite dishes shall be screened from public view.

c. All service areas shall be enclosed or completely screened from public view. Enclosures shall consist of fencing, walls, or landscaping.

d. Exterior security grills or permanently affixed security bars shall be prohibited.

e. Interior security grills shall be retractable and shall recess completely into pockets that completely conceal the grill when it is retracted. Such pockets shall be integrated into the design of the building.

f. Roll-down security grills that conceal storefront windows shall be prohibited.

C. Environmental Conditions

1. Aesthetics (Landscaping) All open areas not used for buildings, driveways, parking areas, recreational facilities or walks shall be attractively landscaped and maintained in accordance with a landscape plan, including an automatic irrigation plan, prepared by a licensed landscape architect to the satisfaction of the Planning Department.

2. Aesthetics (Surface Parking) A minimum of one 24-inch box tree (minimum trunk diameter of two inches and a height of eight feet at the time of planting) shall be planted for every four new surface parking spaces. The trees shall be dispersed within the parking area so as to shade the surface parking area and shall be protected by a minimum 6-inch high curb and landscape. An automatic irrigation plan shall be approved by the City Planning Department.

3. Aesthetics (Graffiti) The owners shall maintain the subject property clean and free of debris and rubbish and to promptly remove any graffiti from the walls, pursuant to Municipal Code Sections 91.8101-F, 91.8904-1 and 91.1707-E. Exterior walls of new commercial and residential buildings of other than glass may be covered with clinging vines, screened by oleander trees or similar vegetation capable of covering or screening entire walls up to heights of at least 9-feet, excluding windows and signs or the walls may be covered with graffiti proof coatings.

4. Aesthetics (Signage) On-site signs are limited to the maximum allowable under the Municipal Code. Multiple temporary signs in the store windows and along the building walls shall be prohibited.

5. Aesthetics (Light) Outdoor lighting shall be designed and installed with shielding so that the light source cannot be seen from adjacent residential properties.

6. Aesthetics (Glare) The exterior of the proposed building shall be constructed of materials such as high-performance tinted non-reflective glass and pre-cast concrete or fabricated wall surfaces.

7. Air Pollution (Stationary)

RESIDENTIAL - The applicant shall install air filters capable of achieving a Minimum Efficiency Rating Value (MERV) of at least 8 or better in order to reduce the effects of diminished air quality on the occupants of the project.

COMMERCIAL/INSTITUTIONAL- The applicant shall install air filters capable of achieving a Minimum Efficiency Rating Value (MERV) of at least 11 or better in order to reduce the effects of diminished air quality on the occupants of the project.

8. Air Quality (Objectionable Odors) The trash receptacle shall be relocated at least 50-feet away from the property line of adjacent residential properties or trash receptacles shall be located within the walls of a covered concrete block enclosure.

9. Seismic The design and construction of the project shall conform to the Uniform Building Code seismic standards as approved by the Department of Building and Safety.

10. Erosion/Grading/Short-Term Construction Impacts

Air Quality

a. All unpaved demolition and construction areas shall be wetted at least twice daily during excavation and construction, and temporary dust covers shall be used to reduce dust emissions and meet SCAQMD District Rule 403.

b. The owner or contractor shall keep the construction area sufficiently dampened to control dust caused by construction and hauling, and at all times provide reasonable control of dust caused by wind.

c. All loads shall be secured by trimming, watering or other appropriate means to prevent spillage and dust.

d. All materials transported off-site shall be either sufficiently watered or securely covered to prevent the generation of excessive amounts of dust.

e. General contractors shall maintain and operate construction equipment so as to minimize exhaust emissions.

Noise

a. The project shall comply with the City of Los Angeles Noise Ordinance No. 144,331 and 161,574, and any subsequent ordinances, which prohibit the emission or creation of noise beyond certain levels at adjacent uses unless technically unfeasible.

b. Construction and demolition shall be restricted to the hours of 7:00 am to 6:00 pm Monday through Friday, and 8:00 am to 6:00 pm on Saturday.

c. Construction and demolition activities shall be scheduled so as to avoid operating several pieces of equipment simultaneously.

d. The project contractor shall use power construction equipment with state-of the art noise shielding and muffling devices.

e. The project sponsor shall comply with the Noise Insulation Standards of Title 24 of the California Code Regulations, which insure an acceptable interior noise environment.

General Construction

a. All waste shall be disposed of properly. Use appropriately labeled recycling bins to recycle construction materials including: solvents, water-based paints, vehicle fluids, broken asphalt and concrete, wood, and vegetation. Nonrecyclable materials/wastes shall be taken to an appropriate landfill. Toxic wastes must be discarded at a licensed regulated disposal site.

b. Leaks, drips and spills shall be cleaned up immediately to prevent contaminated soil on paved surfaces that can be washed away into the storm drains.

c. Pavement shall not be hosed down at material spills. Dry cleanup methods shall be used whenever possible.

d. Dumpsters shall be covered and maintained. Uncovered dumpsters shall be placed under a roof or be covered with tarps or plastic sheeting.

e. Gravel approaches shall be used where truck traffic is frequent to reduce soil compaction and the tracking of sediment into streets shall be limited.

f. All vehicle/equipment maintenance, repair, and washing shall be conducted away from storm drains. All major repairs shall be conducted off-site. Drip pans or drop cloths shall be used to catch drips and spills.

11. Liquefaction

All projects shall comply with the Uniform Building Code Chapter 18. Division 1 Section 1804.5 Liquefaction Potential and Soil Strength Loss which requires the preparation of a geotechnical report. The geotechnical report shall assess potential consequences of any liquefaction and soil strength loss, estimation of settlement, lateral movement or reduction in foundation soil-bearing capacity, and discuss

mitigation measures that may include building design consideration. Building design considerations shall include, but are not limited to: ground stabilization, selection of appropriate foundation type and depths, selection of appropriate structural systems to accommodate anticipated displacements or any combination of these measures.

12. Explosion/Release (Asbestos Containing Materials)

Prior to the issuance of any demolition permit, the applicant shall provide a letter to the Department of Building and Safety from a qualified asbestos abatement consultant that no ACM are present in the building. If ACM are found to be present, it will need to be abated in compliance with the South Coast Air Quality Management District's Rule 1403 as well as all other State and Federal Rules and regulation.

13. All Runoff (All Subareas)

a. Project applicants are required to implement stormwater BMPs to retain or treat the runoff from a storm event producing 3/4 inch of rainfall in a 24 hour period. The design of structural BMPs shall be in accordance with the Development Best Management Practices Handbook Part B Planning Activities. A signed certificate from a California licensed civil engineer or licensed architect that the proposed BMPs meet this numerical threshold standard is required.

b. Post development peak stormwater runoff discharge rates shall not exceed the estimated pre-development rate for developments where the increase peak stormwater discharge rate will result in increased potential for downstream erosion.

c. Maximize trees and other vegetation at each site by planting additional vegetation, clustering tree areas, and promoting the use of native and/or drought tolerant plants.

d. Any connection to the sanitary sewer must have authorization from the Bureau of Sanitation.

e. Reduce impervious surface area by using permeable pavement materials where appropriate, including: pervious concrete/asphalt; unit pavers, i.e. turf block; and granular materials, i.e. crushed aggregates, cobbles.

f. Paint messages that prohibits the dumping of improper materials into the storm drain system adjacent to storm drain inlets (such as NO DUMPINGDRAINS TO OCEAN) and/or graphical icons. Prefabricated stencils can be obtained from the Department of Public Works, Stormwater Management Division.

g. Legibility of stencils and signs must be maintained.

h. Promote natural vegetation by using parking islands and other landscaped areas.

i. Materials with the potential to contaminate stormwater must be: (1) placed in an enclosure such as, but not limited to, a cabinet, shed, or similar stormwater conveyance system; or (2) protected by secondary containment structures such as berms, dikes, or curbs.

j. The storage area must be paved and sufficiently impervious to contain leaks and spills.

k. The storage area must have a roof or awning to minimize collection of stormwater within the secondary containment area.

l. The owner(s) of the property will prepare and execute a covenant and agreement (Planning Department General form CP-6770) satisfactory to the Planning Department binding the owners to post construction maintenance on the structural BMPs in accordance with the Standard Urban Stormwater Mitigation Plan and/or per manufacturer's instructions.

14. Stormwater Runoff 10+ Home Subdivision/Multi Family

a. Install Roof runoff systems where site is suitable for installation.

b. Surface parking lots constitute a significant portion of the impervious land coverage. To reduce the quantity of runoff, surface parking lots can be designed one of two ways;

(i) Hybrid Lot - parking stalls utilize permeable materials, such as crushed aggregate, aisles are constructed of conventional materials such as asphalt.

(ii) Parking Grove - is a variation on the permeable stall design, a grid of trees and bollards are added to delineate parking stalls. This design presents an attractive open space when cars are absent, and shade when cars are present.

c. Design an efficient irrigation system to m1mm1ze runoff including: drip irrigation for shrubs to limit excessive spray; shutoff devices to prevent irrigation after significant precipitation; and flow reducers.

15. Stormwater Runoff Commercial and Industrial Development (Lot Size 100,000 sf)

a. Cover loading dock areas or design drainage to minimize run-on and run-off stormwater.

b. Direct connections to storm drains from depressed loading docks (truck wells) are prohibited.

c. Repair/maintenance bays must be indoors or designed in such a way that doesn't allow stormwater run-on or contact with stormwater runoff.

d. Design repair/maintenance bay drainage system to capture all washwater, leaks and spills. Connect drains to a standard sump for collection and disposal. Direct connection of the repair/maintenance bays to the storm drain system is prohibited. If required, obtain an Industrial Waste Discharge Permit.

e. Vehicle/equipment wash areas must be self-contained and/or covered, equipped with a clarifier, or other pretreatment facility, and property connected to the sanitary sewer.

f. The following activities are to be conducted under proper cover with drain routed to the sanitary sewer:

(i) Storage of industrial wastes.

(ii) Handling or storage of hazardous wastes.

(iii) Metal fabrication or Pre-cast concrete fabrication.

(iv) Welding, Cutting or Assembly.

(v) Painting, Coating or Finishing.

g. Store above ground liquid storage tanks (drums and dumpsters) in areas with impervious surfaces in order to contain leaks and spills. Install a secondary containment system such as berms, dikes, liners, vaults, and double-wall tanks. Where used oil or dangerous waste is stored, a dead- end sump should be installed in the drain.

h. Toxic wastes must be discarded at a licensed regulated disposal site. Store trash dumpsters either under cover and with drains routed to the sanitary sewer or use non-leaking and water-tight dumpsters with lids. Use drip pans or absorbent materials whenever grease containers are emptied. Wash containers in an area with properly connected sanitary sewer.

i. Reduce and recycle wastes, including: paper; glass; aluminum; oil; and grease.

j. Reduce the use of hazardous materials and wastes by: using detergent based or water-based cleaning systems; and avoid chlorinated compounds, petroleum distillates, phenols, and formaldehyde.

k. Control or reduce or eliminate flow to natural drainage systems to the maximum extent practicable.

l. Cleaning of vehicles and equipment to be performed within designated covered or bermed wash area paved with Portland concrete, sloped for wash water collection, and with a pretreatment facility for wash water before discharging to properly connected sanitary sewer with a CPI type oil/water separator. The separator unit must be: designed to handle the quantity of flows; removed for cleaning on a regular basis (at least twice a year) to remove any solids; and the oil absorbent pads must be replaced regularly, once in fall just before the wet season, and in accordance with manufacturer's specifications.

16. Stormwater Runoff Food Service Industry (Restaurants, Bakeries, Food Processors)

a. Cleaning of oily vents and equipment to be performed within designated covered area, sloped for wash water collection, and with a pretreatment facility for wash water before discharging to properly connected sanitary sewer with a CPI type oil/water separator. The separator unit must be: designed to handle the quantity of flows; removed for cleaning on a regular basis to remove any solids; and the oil absorbent pads must be replaced regularly according to manufacturer's specifications.

b. Store trash dumpsters either under cover and with drains routed to the sanitary sewer or use non-leaking and water tight dumpsters with lids. Wash containers in an area with properly connected sanitary sewer.

c. Reduce and recycle wastes, including oil and grease.

d. Store liquid storage tanks (drums and dumpsters) in designated paved areas with impervious surfaces in order to contain leaks and spills. Install a secondary containment system such as berms, curbs, or dikes. Use drip pans or absorbent materials whenever grease containers are emptied.

e. Infiltrate runoff before it reaches the storm drain system.

f. Runoff must be treated prior to release into the storm drain. Three types of treatments are available, (1) dynamic flow separator; (2) a filtration or (3) infiltration. Dynamic flow separator uses hydrodynamic force to remove debris, and oil and grease, and are located underground. Filtration involves catch basins with filter inserts. Filter inserts must be inspected every six months and after major storms, cleaned at least twice a year. Infiltration methods are typically constructed on-site and are determined by various factors such as soil types and groundwater table.

17. Stormwater Runoff Surface Parking Lots with 25 or More Spaces or 5,000 Square-feet of Lot Area (Residential, Commercial, Industrial, Public Facility)

a. Trash container areas must have drainage from adjoining roofs and pavement diverted around the area(s).

b. Trash container areas must be screened or walled to prevent off-site transport of trash.

c. Reduce impervious land coverage of parking lot areas.

d. Infiltrate runoff before it reaches the storm drain system.

e. Runoff must be treated prior to release into the storm drain. Three types of treatments are available, (1) dynamic flow separator; (2) filtration or (3) infiltration. Dynamic flow separator uses hydrodynamic force to remove debris, and oil and grease, and are located underground. Filtration involves catch basins with filter inserts. Filter inserts must be inspected every six

months and after major storms, and cleaned at least twice a year. Infiltration methods are typically constructed on-site and are determined by various factors such as soil type and groundwater table.

18. Increased Noise Levels (Parking Wall)

A 6-foot-high solid decorative masonry wall, as measured from the lowest adjacent grade shall be constructed along any lot line that separates any surface parking area from an adjacent residential use.

19. Increased Noise Levels (Retail Markets, Bars, Entertainment, etc.) No window openings shall be permitted along any side (excluding the front facade) of the building that is adjacent to a residential use.

20. Severe Noise Levels (Residential Only)

All exterior windows having a line of sight to the MTA Gold Line, Figueroa Street, Pasadena Avenue, and the 1-110 (Pasadena) Freeway shall be constructed with double-pane glass and use exterior wall construction which provides a Sound Transmission Class of 50 or greater as defined in UBC No. 35-1, 1979 edition or any amendment thereto. The applicant, as an alternative, may retain an acoustical engineer to submit evidence, along with the application for a building permit, any alternative means of sound insulation sufficient to mitigate interior noise levels below a CNEL of 45 dBA in any habitable room.

21. Public Services (Fire)

The following recommendations of the Fire Department relative to fire safety shall be incorporated into the building plans, which includes the submittal of a plot plan for approval by the Fire Department either prior to the recordation of a final map or the approval of a building permit. The plot plan shall include the following minimum design features: fire lanes, where required, shall be a minimum of 20 feet in width; all structures must be within 300 feet of an approved fire hydrant, and entrances to any dwelling unit or guest room shall not be more than 150 feet in distance in horizontal travel from the edge of the roadway of an improved street or approved fire lane.

22. Public Services (Schools)

a. The developer shall install appropriate traffic signs around the site to ensure pedestrian and vehicle safety.

b. Haul route scheduling shall be sequenced to minimize conflicts with pedestrians, school buses and cars at arrival and dismissal times of the school day. Haul route trucks shall not be routed past the school during periods when students are arriving or departing from the campus.

c. There shall be no staging or parking of construction vehicles, including vehicles to transport workers on any of the streets adjacent to any school.

d. Due to noise impacts on the schools, no construction vehicles or haul trucks shall be staged or idled on these streets during school hours.

e. Fences shall be constructed around the site to minimize trespassing, vandalism, short-cut attractions and attractive nuisances.

f. The developer and contractors shall maintain ongoing contact with the administrator of Hillside Elementary School, Loreto Street Elementary School and Nightingale Middle School. The administrative offices shall be contacted when demolition, grading and construction activity begin on the project site so that students and their parents will know when such activities are to occur. The developer shall obtain school walk and bus routes to the schools from either the administrators or from the LAUSD's Transportation Branch (323) 342-1400 and guarantee that safe and convenient pedestrian and bus routes to the school be maintained.

23. Utilities (Solid Waste)

Recycling bins shall be provided at appropriate locations to promote recycling of paper, metal, glass, and other recyclable material. The bins shall be picked up and recycled accordingly as a part of the project's regular solid waste removal program.

24. Transportation and Air Quality

Individual projects of more than 50 dwelling units or 11,000 square feet of commercial or industrial uses shall undergo Site Plan Review per LAMC Section 16.05. The Site Plan Review shall include an assessment of air quality impacts. Individual projects of more than 70 dwelling units or 11,000 square feet of commercial or industrial uses shall be reviewed by LADOT to determine if a traffic study will be required.

D. Administrative Conditions

1. Approval, Verification and Submittals. Copies of any approvals; guarantees or verification of consultations, review or approval, plans, etc., as may be required by the subject conditions, shall be provided to the Department of City Planning for placement in the subject file.

2. Code Compliance. Area, height and use regulations of the zone classification of the subject property shall be complied with, except where herein conditions may vary.

3. Covenant. Prior to the issuance of any permits relative to this matter, an agreement concerning all the information contained in these conditions shall be recorded in the County Recorder's Office. The agreement shall run with the land and shall be binding on any subsequent property owners, heirs or assigns. The agreement shall be submitted to the Department of City Planning for approval before being recorded. After recordation, a copy bearing the Recorder's number and date shall be provided to the Department of City Planning for attachment to the file.

4. Definition. Any agencies, public officials or legislation referenced in these conditions shall mean those agencies, public offices, legislation or their successors, designees or amendment to any legislation.

5. Enforcement. Compliance with these conditions and the intent of these conditions shall be to the satisfaction of the Department of City Planning and any designated agency, or the agency's successor and in accordance with any stated laws or regulations, or any amendments thereto.

6. Building Plans. Page 1 of the grant and all the conditions of approval shall be printed on the building plans submitted to the Department of City Planning and the Department of Building and Safety.

7. Corrective Conditions. The authorized use shall be conducted at all times with due regard for the character of the surrounding district, and the right is reserved to the City Planning Commission, or the Director pursuant to Section 12.27.1 of the Municipal Code, to impose additional corrective conditions, if, in the Commission's or Director's opinion, such conditions are proven necessary for the protection of persons in the neighborhood or occupants of adjacent proper.

8. Indemnification. The applicant shall defend, indemnify and hold harmless the City, its agents, officers, or employees from any claim, action, or proceeding against the City or its agents, officers, or employees to attack, set aside, void or annul this approval which action is brought within the applicable limitation period. The City shall promptly notify the applicant of any claim, action, or proceeding and the City shall cooperate fully in the defense. If the City fails to promptly notify the applicant of any claim, action, or proceeding, or if the City fails to cooperate fully in the defense, the applicant shall not thereafter be responsible to defend, indemnify, or hold harmless the city.

REGULATORY COMPLIANCE MEASURES

In addition to the Mitigation Measures, "D" limitations and "[Q]" Conditions that are identified above, and any proposed Project Design Features, the Applicant shall also adhere to any applicable Regulatory Compliance Measures required by law. Listed below is a list of Regulatory Compliance Measures that are applicable to the Project and have been relied on to support the conclusions in the attached IS/MND.

Cultural Resources

- **(Archaeological):** If archaeological resources are discovered during excavation, grading, or construction activities, work shall cease in the area of the find until a qualified archaeologist has evaluated the find in accordance with federal, State, and local guidelines, including those set forth in California Public Resources Code Section 21083.2. Personnel of the proposed Modified Project shall not collect or move any archaeological materials and associated materials. Construction activity may continue unimpeded on other portions of the Project site. The found deposits would be treated in accordance with federal, State, and local guidelines, including those set forth in California Public Resources Code Section 21083.2.

- **(Paleontological):** If paleontological resources are discovered during excavation, grading, or construction, the City of Los Angeles Department of Building and Safety shall be notified immediately, and all work shall cease in the area of the find until a qualified paleontologist evaluates the find. Construction activity may continue unimpeded on other portions of the Project site. The paleontologist shall determine the location, the time frame, and the extent to which any monitoring of earthmoving activities shall be required. The found deposits would be treated in accordance with federal, State, and local guidelines, including those set forth in California Public Resources Code Section 21083.2.

- **(Human Remains):** If human remains are encountered unexpectedly during construction demolition and/or grading activities, State Health and Safety Code Section 7050.5 requires that no further disturbance shall occur until the County Coroner has made the necessary findings as to origin and disposition pursuant to California Public Resources Code (PRC) Section 5097.98. In the event that human remains are discovered during excavation activities, the following procedure shall be observed:

    - Stop immediately and contact the County Coroner:
      1104 N. Mission Road
      Los Angeles, CA 90033
      323-343-0512 (8 a.m. to 5 p.m. Monday through Friday) or
      323-343-0714 (After Hours, Saturday, Sunday, and Holidays)
    - If the remains are determined to be of Native American descent, the Coroner has 24 hours to notify the Native American Heritage Commission (NAHC).
    - The NAHC will immediately notify the person it believes to be the most likely descendent of the deceased Native American.

- The most likely descendent has 48 hours to make recommendations to the owner, or representative, for the treatment or disposition, with proper dignity, of the human remains and grave goods.
- If the owner does not accept the descendant's recommendations, the owner or the descendent may request mediation by the NAHC.

Geology and Soils

- **(Seismic and Geotechnical Safety):** The project shall comply with the conditions contained within the Department of Building and Safety's Geology and Soils Report Approval Letter (dated January 26, 2016) and Project's Geotechnical Investigation prepared by Geocon West, Inc. (dated July 23, 2015), and as it may be subsequently amended or modified.

- **(Erosion/Grading/Short-Term Construction Impacts):** Chapter IX, Division 70 of the Los Angeles Municipal Code addresses grading, excavations, and fills. All grading activities require grading permits from the Department of Building and Safety. Additional provisions are required for grading activities within Hillside areas. The application of BMPs includes but is not limited to the following mitigation measures:

  - Excavation and grading activities should be scheduled during dry weather periods. If grading occurs during the rainy season (October 15 through April 1), diversion dikes shall be constructed to channel runoff around the site. Channels shall be lined with grass or roughened pavement to reduce runoff velocity.

  - Stockpiles, excavated, and exposed soil shall be covered with secured tarps, plastic sheeting, erosion control fabrics, or treated with a bio-degradable soil stabilizer.

Greenhouse Gas Emissions

- The Proposed Project shall comply with the low- and non-VOC requirements established by the AQMD for architectural coatings (AQMD Rule 1113).

- To encourage carpooling and the use of electric vehicles by Project residents and visitors, pursuant to LAMC Section 99.04.106.4.1, at least five (5)% of the total code-required parking spaces provided for all types of parking facilities, but in no case less than one location, shall be capable of supporting future electric vehicle supply equipment (EVSE). Plans shall indicate the proposed type and location(s) of EVSE and also include raceway method(s), wiring schematics and electrical calculations to verify that the electrical system has sufficient capacity to simultaneously charge all electric vehicles at all designated EV charging locations at their full rated amperage. Plan design shall be based upon Level 2 or greater EVSE at its maximum operating ampacity. Only raceways and related components are required to be installed at the time of construction. When the application of the 5% results in a fractional space, round up to the next whole number. A label stating "EVCAPABLE" shall be posted in a conspicuous place at the service panel or subpanel and next to the raceway termination point.

Hydrology and Water Quality

- **(Dewatering):** If required, any dewatering activities during construction shall comply with the requirements of the Waste Discharge Requirements for Discharges of Groundwater from Construction and Project Dewatering to Surface Waters in Coastal Watersheds of Los Angeles and Ventura Counties (Order No. R4-2008-0032, National Pollutant Discharge Elimination System No. CAG994004) or subsequent permit. This will include submission of a Notice of Intent for coverage under the permit to the Los Angeles Regional Water Quality Control Board at least 45 days prior to the start of dewatering and compliance with all applicable provisions in the permit, including water sampling, analysis, and reporting of dewatering-related discharges.

Public Services

- **(Payment of School Development Fee):** Prior to issuance of a building permit, the General Manager of the City of Los Angeles, Department of Building and Safety, or designee, shall ensure that the Applicant has paid all applicable school facility development fees in accordance with California Government Code Section 65995.

- **(Increased Demand For Parks Or Recreational Facilities):** Pursuant to Ordinance 184,505, the applicant shall pay the park mitigation fees for construction of apartment buildings.

Public Utilities

- **(Green Building Code):** The Project shall implement all applicable mandatory measures within the LA Green Building Code that would have the effect of reducing the Project's water use.

- **(Landscape):** The Project shall comply with Ordinance No. 170,978 (Water Management Ordinance), which imposes numerous water conservation measures in landscape, installation, and maintenance (e.g., use drip irrigation and soak hoses in lieu of sprinklers to lower the amount of water lost to evaporation and overspray, set automatic sprinkler systems to irrigate during the early morning or evening hours to minimize water loss due to evaporation, and water less in the cooler months and during the rainy season).

- **(Construction Waste Recycling):** In accordance with LAMC Section 99.04.408, the Proposed Project would reduce construction waste by at least 50 percent. In compliance with the LAMC Section 66.32, the General Contractor shall utilize solid waste haulers, contractors, and recyclers who have obtained an Assembly Bill (AB) 939 Compliance Permit from the City of Los Angeles Bureau of Sanitation.

END

I. INTRODUCTION

PROJECT INFORMATION

Project Title: Avenue 34 Project

Project Location: 3401-3437 N. Pasadena Avenue and 123-167 W. Avenue 34
Los Angeles, CA 90031

Project Applicant: ED1125, LLC
141 W. Avenue 34
Los Angeles, CA 90031

Lead Agency: City of Los Angeles
Department of City Planning
200 N. Spring Street, Room 621
Los Angeles, CA 90012

PROJECT SUMMARY

The Project involves the demolition of an 86,712 square-foot warehouse building, a 4,033 square-foot metal building, and portions of a 24,018 square-foot building and 3,521 square-foot building (constructed circa 1977, 1948, 1967 and 1929, respectively), and the construction of a mixed-use development with 372 residential dwelling units and 40,000 square feet of commercial floor area (comprised of 30,000 square feet of creative office and 10,000 square feet of retail space). The Project would renovate a portion of the existing floor area for creative office space. The Project would also reserve 11% of its base density (approximately 31 dwelling units) as very low income housing and include a ministerial density bonus. The development would include five buildings spanning the property, with approximately 524,600 square feet of floor area and an FAR of 2.6:1, below the maximum FAR of 3:1. The proposed buildings would range in height from one to five stories, with a maximum building height of approximately 67 feet above grade (75 feet as measured by LAMC). The Project would provide a total of 467 on-site parking spaces within one level of subterranean parking and at grade, and a total of 428 on-site bicycle parking stalls. All 39 on-site trees will be removed (all non-protected species); a total of 241 trees are proposed, including roof areas and street trees. No fireplaces or wood stoves are proposed.

The Applicant is requesting the following discretionary approvals: (1) Zoning Administrator's Adjustment to allow a 0-foot southerly side yard in lieu of 8 feet to preserve an existing building with a non-conforming yard; (2) Site Plan Review to permit the construction, use, and maintenance of the Project with more than 50 dwelling units; and (3) Clarification of Q Conditions to clarify Condition A.1.c of Subarea 4 in Ordinance 179,280. The Applicant will also request approvals and permits from the

Department of Building and Safety (and other regulatory agencies) for project construction activities which may include, but are not limited to, the following: excavation, shoring, grading, foundation, haul route (for the export of approximately 98,000 cubic yards (cy) of soil), removal and replacement of street trees, and building and tenant improvements for the Project Site.

ORGANIZATION OF THE INITIAL STUDY

This expanded IS/MND is organized into six sections as follows:

Initial Study Checklist: This Section contains the completed IS Checklist showing the significance level under each environmental impact category.

Introduction: This Section provides introductory information such as the Proposed Project title, the Project Applicant, and the lead agency for the Proposed Project.

Project Description: This Section provides a detailed description of the Proposed Project including the environmental setting, project characteristics, related project information, and environmental clearance requirements.

Environmental Impact Analysis: This Section contains an assessment and discussion of impacts for each environmental issue identified in the Initial Study Checklist. Where the evaluation identifies potentially significant effects, mitigation measures are provided to reduce such impacts to less-than-significant levels.

Preparers of the Initial Study and Persons Consulted: This Section provides a list of consultant team members and governmental agencies that participated in the preparation of the IS.

References, Acronyms and Abbreviations: This Section includes various documents and information used and referenced during the preparation of the IS, along with a list of commonly used acronyms.

Technical Appendices: Technical appendices that have been referenced and summarized in the IS/MND are provided in a separate bound volume. The technical appendices include technical reports and calculation worksheets for the following issue areas: air quality, trees, geology/soils, greenhouse gas emissions, environmental hazards, drainage, noise, traffic, and utility will serve letters. A complete list of technical appendices is identified in the table of contents to the IS/MND.

II. PROJECT DESCRIPTION
A. PROJECT LOCATION

PROJECT LOCATION

The Project Site is located in the Northeast Los Angeles Community Plan area within the City of Los Angeles, approximately 2.5 miles north of Downtown Los Angeles. The location of the Project Site within the City of Los Angeles and the greater Los Angeles region is depicted in Figure II-1, Project Location Map. The Project Site includes approximately 219,320 square feet of lot area (5.03 acres). The Project Site's property addresses, Assessor's Parcel Numbers (APN), land use and lot area are summarized in Table II-1, Summary of the Project Site, below.

Table II-1
Summary of the Project Site

Address	APN	Existing Land Use	Approximate Lot Area (square feet)
3401 N. Pasadena Avenue 3407 N. Pasadena Avenue 3411 N. Pasadena Avenue 3413 N. Pasadena Avenue 3415 N. Pasadena Avenue 3417 N. Pasadena Avenue 3419 N. Pasadena Avenue	5205004003	One 24,018 square foot light manufacturing facility building and paved surface parking	28,793
153 W. Avenue 34	5205004005	One 3,521 square foot light manufacturing building and paved surface loading/parking area	4,800
3425 N. Pasadena Avenue 3431 N. Pasadena Avenue 3433 N. Pasadena Avenue 3437 N. Pasadena Avenue	5205004007	One 4,033 square foot light manufacturing facility building and paved surface parking	28,145
123 W. Avenue 34 131 W. Avenue 34 135 W. Avenue 34 141 W. Avenue 34 143 W. Avenue 34 145 W. Avenue 34 147 W. Avenue 34 149 W. Avenue 34 151 W. Avenue 34 161 W. Avenue 34	5205004011	One 86,712 square foot warehouse facility and paved surfacing loading/parking area	149,503
155 W. Avenue 34	5205004011	Paved surface loading/parking area	4,800
165 W. Avenue 34	5205004011	Paved surface loading/parking area	2,981
167 W. Avenue 34	5205004011	Paved surface loading/parking area	275
		TOTAL SITE AREA:	**219,320**[a]

[a] *The approximate lot area identified for each individual lot is based on the City's ZIMAS database. The total lot area is based on the Alta Survey, which was prepared for purposes of determining the total lot area of the Project Site.*
Source(s): City of Los Angeles Department of Planning, Zone Information and Map Access System, website: http://zimas.lacity.org/, accessed February 2016; Partner Engineering and Science, Inc., ALTA/ACSM Land Title Survey, 2015.

Source: Google Maps, 2016.

PARKER ENVIRONMENTAL CONSULTANTS

Figure II-1
Project Location Map

REGIONAL AND LOCAL ACCESS

Primary regional access to the Project Site is provided by the Arroyo Seco Parkway (SR-110) to the north and west and the Golden State Freeway (I-5) to the west. The Arroyo Seco Parkway and Golden State Freeway interchange is located to the west of the Project Site.

Local street access is provided by Pasadena Avenue and Avenue 34. Pasadena Avenue, which borders the Project Site to the east, is a two-way north and southbound street providing one travel lane in each direction in the vicinity of the Project Site. Pasadena Avenue is designated as an Avenue II roadway. Avenue 34, which borders the Project Site to the south, is a two-way east and westbound street providing one travel lane in each direction in the vicinity of the Project Site. Avenue 34 is designated as a modified local street.

The Los Angeles County Metropolitan Transportation Authority (MTA) provides an extensive system of bus lines in the Northeast Los Angeles Community Plan area. The Metro Gold Line Rail Station and a number of MTA bus routes are within reasonable walking distance from the Project Site (less than approximately one-quarter mile), providing access for residents, employees and patrons of the Project Site. Local MTA Rail service includes the Metro Gold Line that provides light rail service from Azusa to East Los Angeles via Downtown Los Angeles. MTA bus lines that provide service in the vicinity of the Project Site include MTA Line 83 (between Downtown Los Angeles and Eagle Rock area) and Line 251/252 (between Montecito Heights and Lynwood area). Given the transfer opportunities through the MTA Gold Line and bus services, the Project Site is easily accessible and highly connected with the City of Los Angeles and the greater Los Angeles area.

HIGH PRIORITY TRANSIT AREA

In 2013, the State of California enacted Senate Bill 743 (SB 743), which provides that "aesthetic and parking impacts of a residential, mixed-use residential, or employment center project on an infill site within a transit priority area shall not be considered significant impacts on the environment." Public Resources Code Section 21099 defines a "transit priority area" as an area within one-half mile of a major transit stop that is "existing or planned, if the planned stop is scheduled to be completed within the planning horizon included in a Transportation Improvement Program adopted pursuant to Section 450.216 or 450.322 of Title 23 of the Code of Federal Regulations." Public Resources Code Section 21064.3 defines "Major Transit Stop" as "a site containing an existing rail transit station, a ferry terminal served by either a bus or rail transit service, or the intersection of two or more major bus routes with a frequency of service interval of 15 minutes or less during the morning and afternoon peak commute periods." Public Resources Code Section 21061.3 defines an "Infill Site" as a lot located within an urban area that has been previously developed, or on a vacant site where at least 75 percent of the perimeter of the site adjoins, or is separated only by an improved public right-of-way from, parcels that are developed with qualified urban uses.

The Proposed Project is classified as a mixed-use residential project and is located on an infill site within a Transit Priority Area as defined by CEQA. The City of Los Angeles also identifies the Project Site as being within a transit priority area per the Department of City Planning's Zoning Information File ZI No. 2452, Transit Priority Areas (TPAs)/Exemptions to Aesthetics and Parking within TPAs Pursuant to CEQA.[1] As shown in Figure II-1, Project Vicinity Map the Project Site is approximately 600 feet (walking distance) south of the Heritage Square/Arroyo Metro rail transit station, which is a transit hub served by Metro Red Line and provides access to other parts of the City of Los Angeles and the metropolitan area. Public bus and rail transit services within the Project Site are currently provided by Los Angeles County Metropolitan Transit Authority (Metro), and LADOT DASH.

ZONING AND LAND USE DESIGNATIONS

Project Site

The Proposed Project is located within Subarea 4 of the Northeast Los Angeles Community Plan Ordinance Maps and is zoned [T][Q]CM-2D. Pursuant to Ordinance 179280, limitations imposed upon the use of property subject to the permanent "Q" Qualified Classification or "D" Development Limitation are imposed pursuant to Section 12.32K and 12.32G, respectively, of the Los Angeles Municipal Code. The "Q" Qualified Conditions are indicated by the symbol "[Q]" in brackets proceeding the proposed zoning designation (for example, [Q]C2). The "D" Development Limitations are indicated by a "D" following the height district designation (for example, C2-2D). The Proposed Project would be required to comply with the site-specific "D" Development Limitations and [Q] Conditions, which relate to site planning, pedestrian access, building design, architectural details, walls and fences, landscaping, and mechanical, security and trash equipment. The Project Site's [Q] Conditions also impose site-specific Environmental Conditions, which relate to the general aesthetic appearance, upkeep, and character of the Project Site. The Proposed project would be designed and operated in a manner that complies with all applicable [Q] Qualified Zoning and Environmental Conditions as identified in the Regulatory Compliance Measures section of this document.

Northeast Los Angeles Community Plan

The Project Site is located within Lincoln Heights neighborhood within the Northeast Los Angeles Community Plan ("Community Plan") area of the City of Los Angeles. The Community Plan area ("CPA") was greatly influenced by the development of the freeway system, suburbanization, and the decentralization of commercial and industrial land uses that followed WWII. This caused the arrangement of land uses within the CPA to change, and the relationship of the CPA with the rest of the expanding metropolis. The Northeast Los Angeles Community Plan aims to preserve and enhance the character of Northeast Los Angeles by strengthening the viability and identity of its neighborhoods and communities and improving the quality of life of all its residents. Lincoln Heights is located east of the Los Angeles

[1] *City of Los Angeles, Department of City Planning, Zoning Information File, ZI No. 2452, Transit Priority Areas (TPAs) / Exemptions to Aesthetics and Parking within TPAs Pursuant to CEQA, website: http://zimas.lacity.org/documents/zoneinfo/ZI2452.pdf, accessed March 7, 2016.*

River and south of the Arroyo Seco. The Project Site is designated as "Commercial Manufacturing." The Commercial Manufacturing land use designation corresponds to the CM and P zones. The Project is consistent with the existing General Plan Land Use and Zoning Designations.

The Project Site is also located within several identified or mapped planning policy areas that have been adopted for the purposes of incentivizing development and/or providing specific development standards that are appropriate for the Project area. Namely, these plans and policy areas include the following: the Cornfield Arroyo Seco Specific Plan Area, the East Los Angeles State Enterprise Zone, the Adaptive Reuse Incentive Area, and a Transit Oriented Development Site.

Cornfield Arroyo Seco Specific Plan

The Project Site was initially included within the proposed boundaries of the Cornfield Arroyo Seco Specific Plan (CASP) study area and was evaluated within the scope of the CASP EIR.[2] However, the Project Site was specifically omitted from the CASP prior to adoption and instead is uniquely regulated by a specific set of development standards and guidelines established by Ordinance 179,280 independent from the surrounding Specific Plan Area.[3] Therefore, the underlying provisions of the LAMC and the site-specific "[Q]" Conditions under Ordinance 179,280 prevail, and are the basis for all development standards and guidelines for the Project Site.

EXISTING CONDITIONS

Figure II-3, Aerial Photograph and Photograph Location Map, shows an aerial view of the Project Site and identifies the location points for the site photographs and surrounding land use photographs. Site photographs and photographs of surrounding land uses are shown in Figure II-4, Views of the Project Site, and Figure II-5, Views of the Surrounding Land Uses, respectively. The Project Site is currently developed with a an active warehouse facility that is comprised of four light manufacturing and warehouse buildings, paved surface parking, and loading areas, as seen in Figure II-4, below. The buildings include an 86,712 square-foot warehouse building, a 4,033 square-foot metal building, a 24,018 square-foot building, and a 3,521 square-foot building, constructed circa 1977, 1948, 1967 and 1929, respectively. The Los Angeles Historic Resources Inventory and Survey LA determined that none of the four buildings meet the eligibility standards for historic listing. The perimeter of the Project Site is lined with a fence. Six driveways off the north side of Avenue 34 and two driveways off the west side of Pasadena Avenue provide access to the Project Site. Sliding gates secure the driveways and access on-site.

---

2 *Final EIR for the Cornfield Arroyo Specific Plan (ENV-2009-599-EIR, CPC-2009-598-SP, State Clearinghouse No. 2009031002, dated August 2012.*

3 *Although several of the maps and exhibits in the printed version of the CASP still show the Project Site as being within the CASP boundaries, the map exhibits on pages 2-13 and 2-35 of the CASP properly exclude the Project Site.*

A total of 39 non-protected ornamental trees and shrubs exist throughout the Project Site. The trees are mainly located along Avenue 34 and along the large warehouse building and the two smaller buildings on Avenue 34. The trees species consist of Canary Pine, Raywood Ash, Olive, Fan Palm, Chinese Elm, and Silver Dollar Eucalyptus. Three street trees exist along Pasadena Avenue bordering the Project Site.

Utility posts and cables border the Project Site along the west side of Pasadena Avenue. Utility posts and cables line the south side of Avenue 34, not directly bordering the Project Site. Utility cables from the south side of Avenue 34 extend onto the Project Site and connect to utility posts on-site. Additionally there are four street lights along the north side of Avenue 34 and three street lights along the west side of Pasadena Avenue that border the Project Site.

SURROUNDING LAND USES

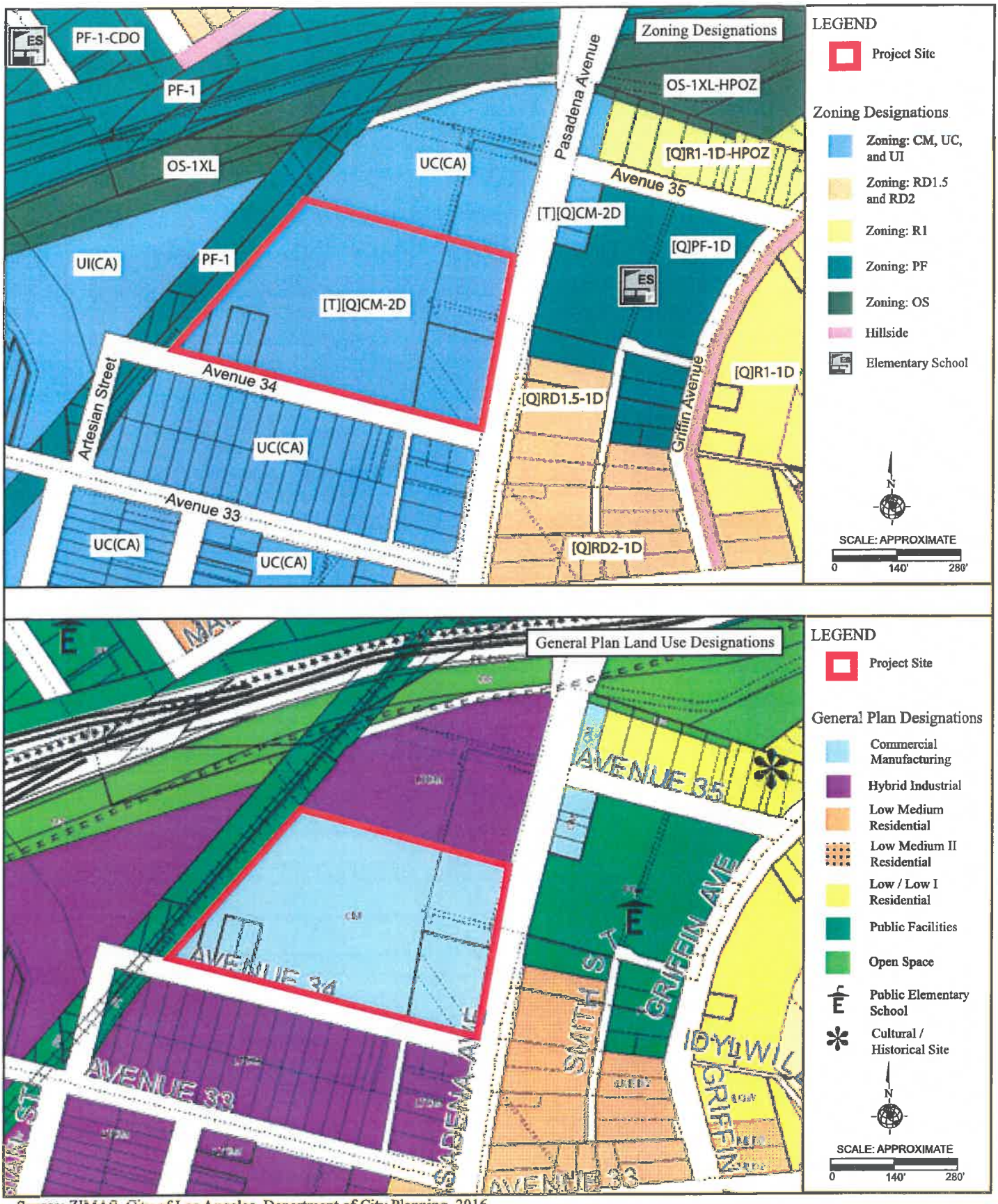
The properties surrounding the Project Site include commercial, multi-family residential, single-family residential, and vacant lot. Photographs of the land uses immediately surrounding the Project Site are provided in Figure II-5, Photographs of the Surrounding Land Uses. The Project Site is generally bound by a vacant undeveloped lot to the north, Pasadena Avenue to the east, Avenue 34 to the south, and rail right-of-way to the west. Pasadena Avenue is a Modified Avenue II with a designated half right-of-way of 38 feet and a current half right-of-way of 38 feet. Avenue 34 is a Modified Local Street (Standard) with a designated half right-of-way of 30 feet; the current half right-of-way is 25 feet.

North: To the north, the Project Site is bordered by a vacant undeveloped lot. The lot is secure with a fence along the perimeter. See Figure II-5, Views 7. The property to the north of the Project Site has a land use designation of Hybrid Industrial. Properties to the north of the Project Site on the west side of Pasadena Ave south of Arroyo Seco that connects with the Los Angeles River is zoned Urban Center within the Cornfield Arroyo Seco Specific Plan (CASP).

East: Properties to the east of the Project Site along the east side of Pasadena Avenue are zone [Q]RD2-1D, [Q]RD1.5-1D, [Q]PF-1D, and [T][Q]CM-2D and are developed with commercial, educational, and multi-family residential land uses. The properties to the east have a land use designation of Commercial Manufacturing, Public Facilities, and Low Medium II Residential. See Figure II-5, View 8 and View 9.

South: The properties along Avenue 34 to the south of the Project Site are zoned Urban Center within the CASP and are improved with commercial and single-family uses. The properties to the south of the Project Site have a land use designation of Hybrid Industrial and Low Medium Residential. See Figure II-5, View 10 and View 11.

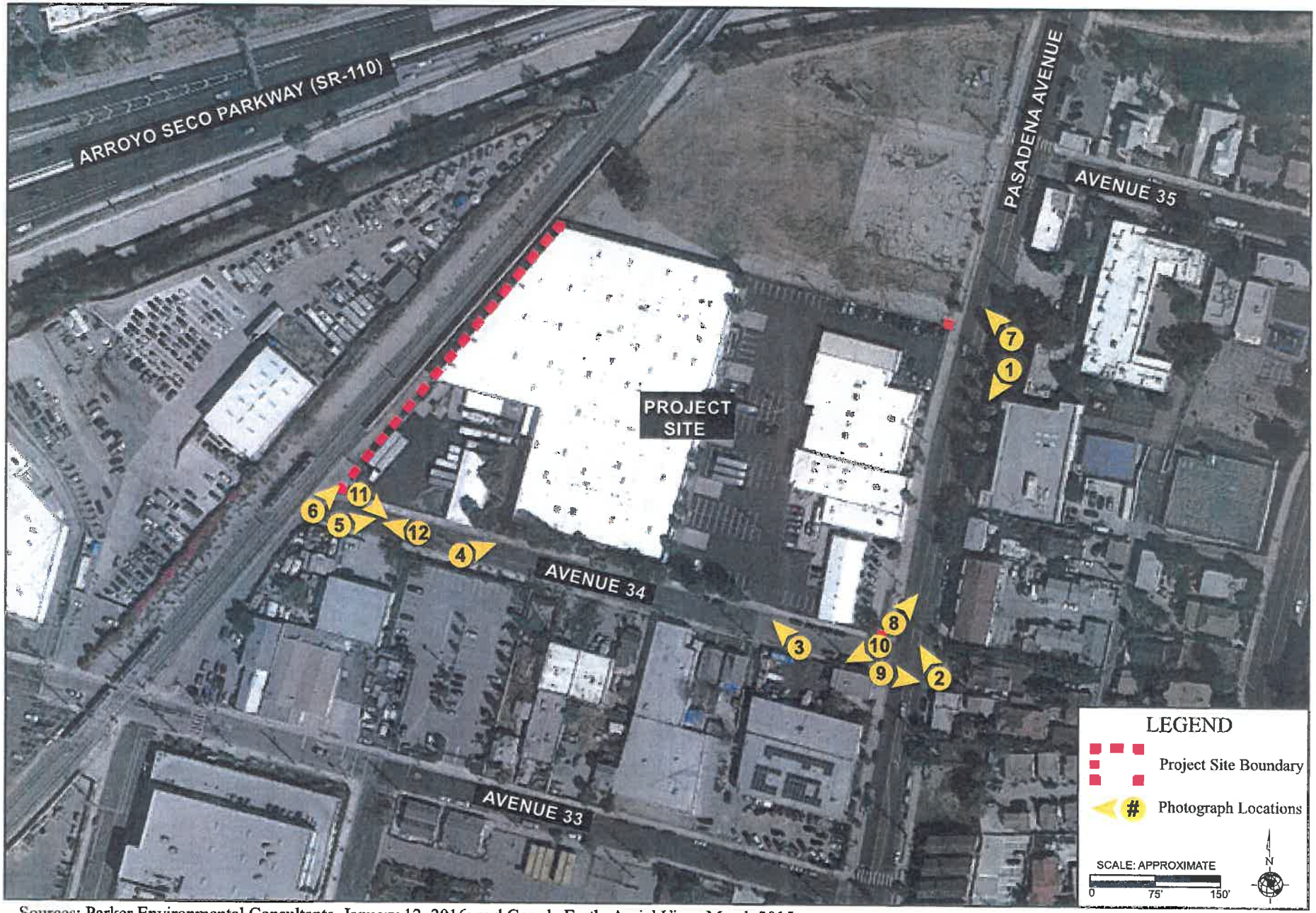
West: A railroad right-of-way serving the light-rail Metro Gold Line borders the Project Site along the west side of the site. The property beyond the railroad right-of-way is zoned Urban Innovation within the CASP and is developed with industrial uses. This property has a land use designation of Hybrid Industrial. See Figure II-5, View 12.



Source: ZIMAS, City of Los Angeles, Department of City Planning, 2016

PARKER ENVIRONMENTAL CONSULTANTS

Figure II-2
Zoning and General Plan Land Use Designations



Sources: Parker Environmental Consultants, January 12, 2016; and Google Earth, Aerial View, March 2015.

PARKER ENVIRONMENTAL CONSULTANTS

Figure II-3
Aerial Photograph and Photograph Location Map

View 1: From the east side of Pasadena Avenue, looking southwest at the Project Site.

View 2: From the east side of Pasadena Avenue, looking northwest at the Project Site.

View 3: From the south side of Avenue 34, looking northwest at the Project Site.

View 4: From the south side of Avenue 34, looking east at the Project Site.

View 5: From the south side of Avenue 34, looking northeast at the Project Site.

View 6: From the south side of Avenue 34, looking northeast at the Project Site.

Source: Parker Environmental Consultants, January 12, 2016.

PARKER
ENVIRONMENTAL CONSULTANTS

Figure II-4
Photographs of the Project Site
Views 1-6

View 7: From the east side of Pasadena Avenue, looking northwest at the property to the north of the Project Site.

View 8: From the west side of Pasadena Avenue, looking northeast at the properties to the east of the Project Site.

View 9: From the west side of Pasadena Avenue, looking east at the properties to the east of the Project Site.

View 10: From the north side of Avenue 34, looking northeast at the properties to the south of the Project Site.

View 11: From the north side of Avenue 34, looking southeast at the properties to the south of the Project Site.

View 12: From Avenue 34, looking west at the Railroad Right of Way to the west of the Project Site.

Source: Parker Environmental Consultants, January 12, 2016

PARKER ENVIRONMENTAL CONSULTANTS

Figure II-5
Photographs of the Surrounding Land Uses
Views 7-12

1. PROPOSED DEVELOPMENT

The Proposed Project would is a transit-oriented mixed-use development that would include the construction of a mixed-use, transit-adjacent creative campus that would include 372 residential dwelling units and 40,000 square feet of commercial floor area (comprised of 30,000 square feet of creative office and 10,000 square feet of retail and restaurant space). The Proposed Project would reserve 11 percent of its base density (approximately 31 units) as very low income housing. The Proposed Project would renovate and reuse a portion of existing floor area. The Proposed Project would provide a total of 467 on-site parking spaces within one level of subterranean parking with some at grade surface parking. The development would include five buildings spanning the property, with approximately 524,600 square feet of floor area. The proposed buildings would range in height from one to five stories, with a maximum building height of approximately 67 feet above grade. A summary of the Proposed Project is provided in Table II-2, Proposed Development Program, below.

Table II-2
Proposed Development Program

Land Uses	Proposed Dwelling Units Mix	Proposed Floor Area (Square Feet)
Residential		
Building A		
Studio Units	29	--
1-Bedroom Units	4	--
2-Bedroom Units	34	--
Building B		
Studio Units	62	--
1-Bedroom Units	53	--
2-Bedroom Units	33	--
Building C		
Studio Units	76	--
1-Bedroom Units	53	--
2-Bedroom Units	28	--
Subtotal Residential	**372**	**484,600**
Commercial		
Creative Office Space	--	30,000
Retail/Restaurant		10,000
Subtotal Commercial	--	**40,000**
TOTAL	**372**	**524,600**

Source: Killefer Flammang Architects, November 4, 2016.

The Proposed Project has been designed to comply with the site-specific "D" Development Limitations and [Q] Conditions, which relate to site planning, pedestrian access, building design, architectural details, walls and fences, landscaping, and mechanical, security and trash equipment. The plan layout of the Proposed Project is depicted in Figure II-6, Conceptual Site Diagram.

Residential Uses

As shown in Table II-2, the Project proposes a total of 372 residential units in three buildings. The Proposed Project would reserve eleven percent of its base density (approximately 31 dwelling units) as very low income units. As such, the Proposed Project would include a ministerial density bonus pursuant to LAMC Section 12.22 A.25 for a 35 percent increase in permitted density to allow for 372 dwelling units in lieu of the base density of 275 dwelling units. The Proposed Project would include a total of 167 studio lofts, 110 one-bedroom apartments, and 95 two-bedroom apartments. The units would vary in size and configuration; units would range between approximately 500 square feet studio to 1,040 square feet two-bedroom apartment. An existing industrial building (approximately 3,521 square feet) at the southwest corner of the Project Site would be rehabilitated into the leasing office for the residential buildings. Residential amenities would be located throughout the Project Site, and would include a community room, gym, and swimming pool, among other amenities. Refer to Figure II-7, through Figure II-11 for the floor plans.

Commercial Uses

The Project also proposes 40,000 square feet of commercial space, including 30,000 square feet of creative office space and 10,000 square feet of retail and restaurant space. The retail component will be located on the ground floor of Building A, along Pasadena Avenue. The creative office component would be located in two creative office buildings, located on the southeast corner of the Project Site. One creative office building would front Pasadena Avenue and Avenue 34. The second creative office building would be located just north of the aforementioned creative office building and would front Pasadena Avenue; this creative office building would be one story and include entirely rehabilitated floor area (approximately 7,963 square feet).

FLOOR AREA

The Project Site includes approximately 219,320 square feet (5.03 acres) of gross lot area and approximately 203,960 square feet of buildable area. Pursuant to the LAMC, the allowable FAR on-site is 3:1, which would allow a total floor area of approximately 611,880 square feet. The Project proposes a total of 524,600 square feet with a corresponding FAR of 2.6:1.

DENSITY

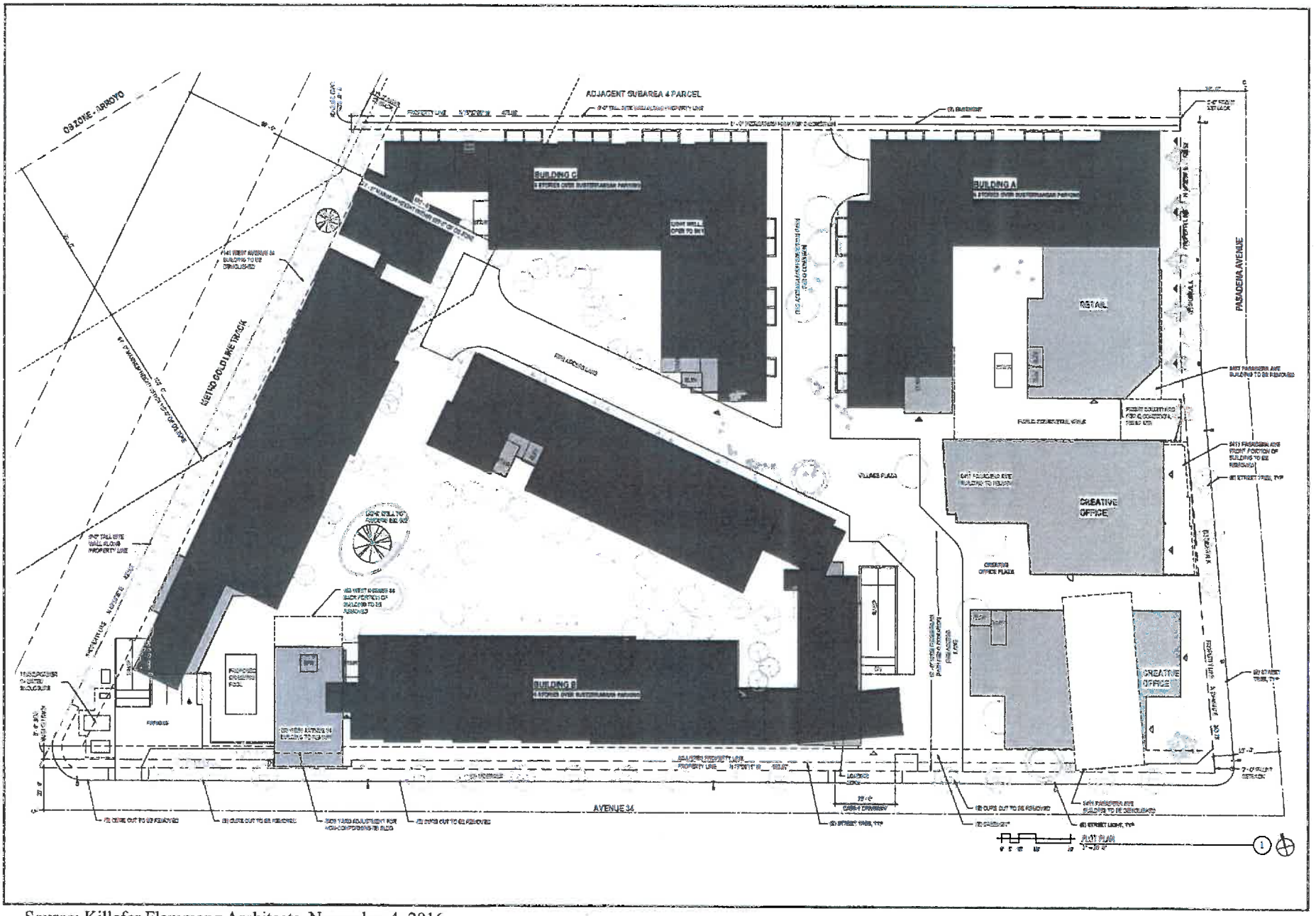
Pursuant to LAMC Section 12.17.1.A.1, residential land uses are permitted in a CM Zone with compliance with all the regulations of the R3 Zone, with the exception of any required front yard setbacks. As such, residential uses on the Project Site are limited to one dwelling unit per 800 square feet (or approximately 275 dwelling units for the Project Site based on a lot area of 219,320 square feet).

BUILDING HEIGHT

There is a 61'-0" height restriction for the portion of the Project Site within 199'-0" feet of the OS zone. The Project proposes a maximum height of approximately 67 feet (five stories) above grade and 75 feet as measured by the Los Angeles Municipal Code. The Project includes five buildings with varying elevations and step-backs. The Proposed Project's building elevations and building cross sections are depicted in Figures II-12 and II-13, and in Figure II-14, Building Sections, respectively.

ARCHITECTURAL FEATURES

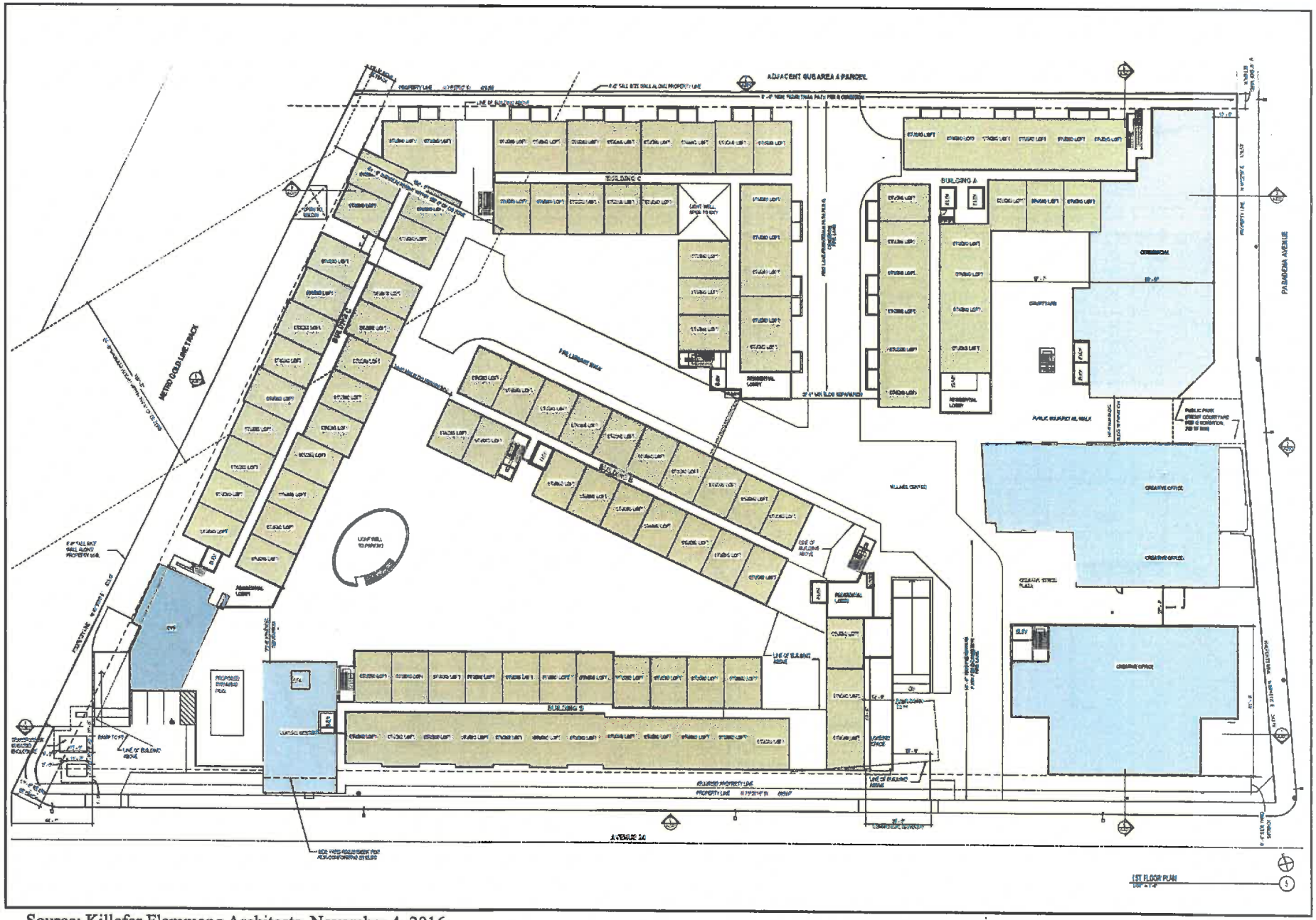
The Proposed Project includes the development of a mixed-use creative campus with multi-family units, creative office space, and retail/restaurant space. The proposed development includes the rehabilitation of a portion of the existing buildings on-site. The Proposed Project consists of a total of five buildings with the maximum height of five stories and approximately 67 feet above grade. The building facades are dynamic to break up the building massing and scale. The proposed buildings are developed around the village center with pedestrian paths radiating outward to site amenities on the periphery and to public sidewalk and streets. The Proposed Project would provide the majority of parking for the Project within the one level of subterranean parking. Additional spaces would be provided at grade for access to the leasing office off of the north side of Avenue 34 and commercial and creative office uses on the east side of the property. Building elevations and sections depicting the scale and massing of the proposed structure are shown in Figures II-12 through II-14. Illustrations depicting the scale and massing of the proposed structure is depicted in Figure II-15, Illustrative Renderings.



Source: Killefer Flammang Architects, November 4, 2016.

PARKER ENVIRONMENTAL CONSULTANTS

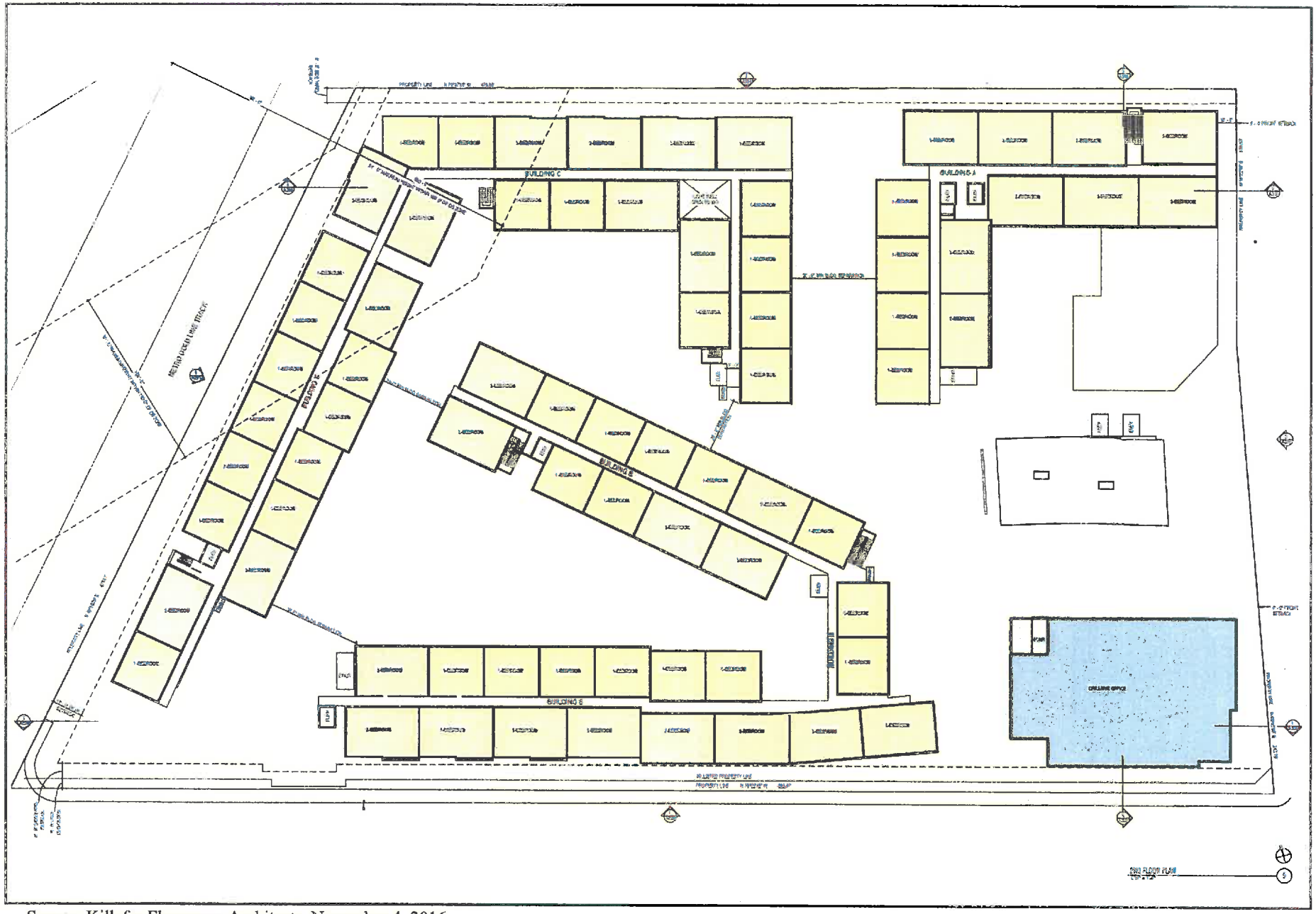
Figure II-6
Conceptual Site Diagram



Source: Killefer Flammang Architects, November 4, 2016.

PARKER ENVIRONMENTAL CONSULTANTS

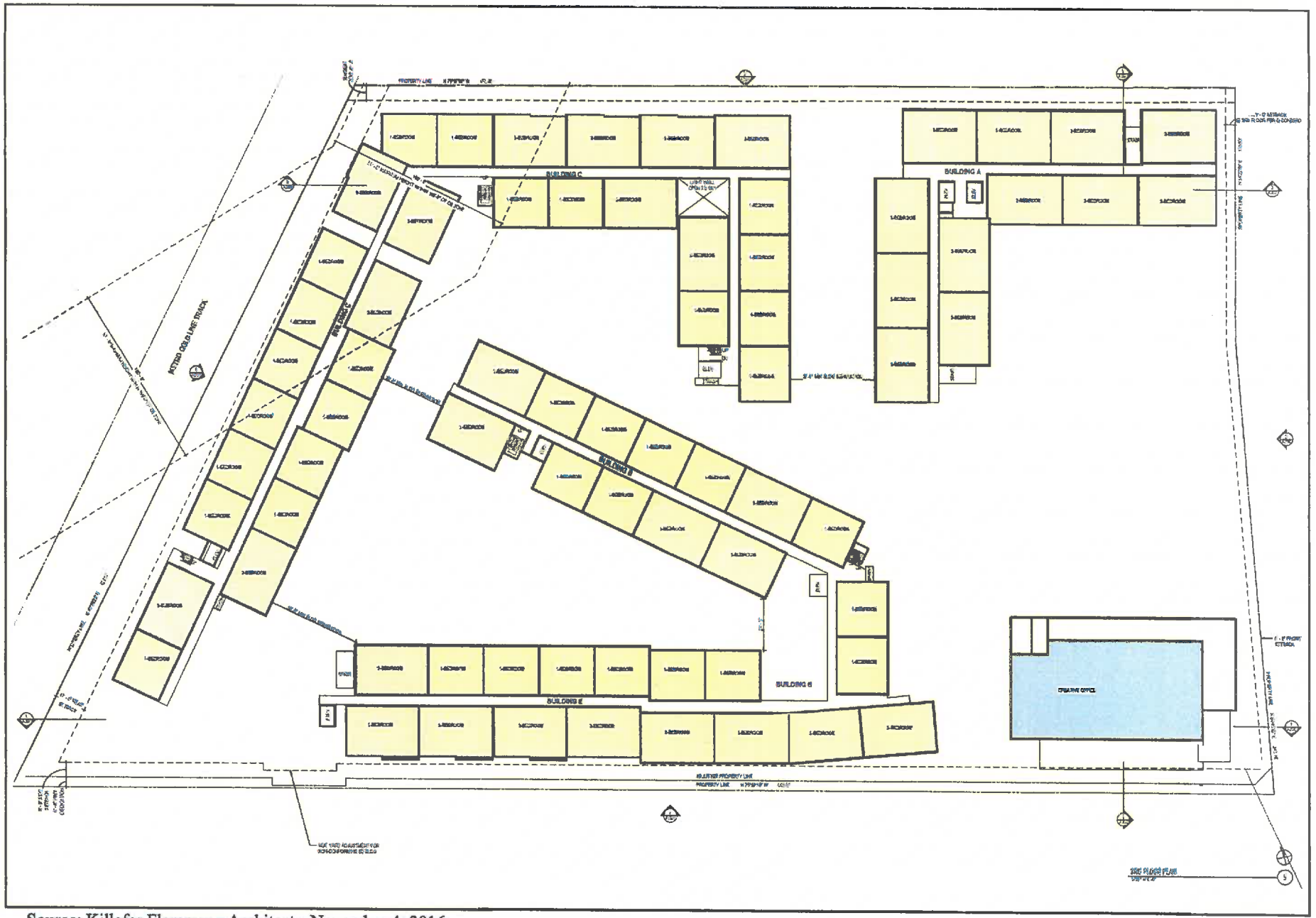
Figure II-7
First Level Floor Plan



Source: Killefer Flammang Architects, November 4, 2016.

PARKER ENVIRONMENTAL CONSULTANTS

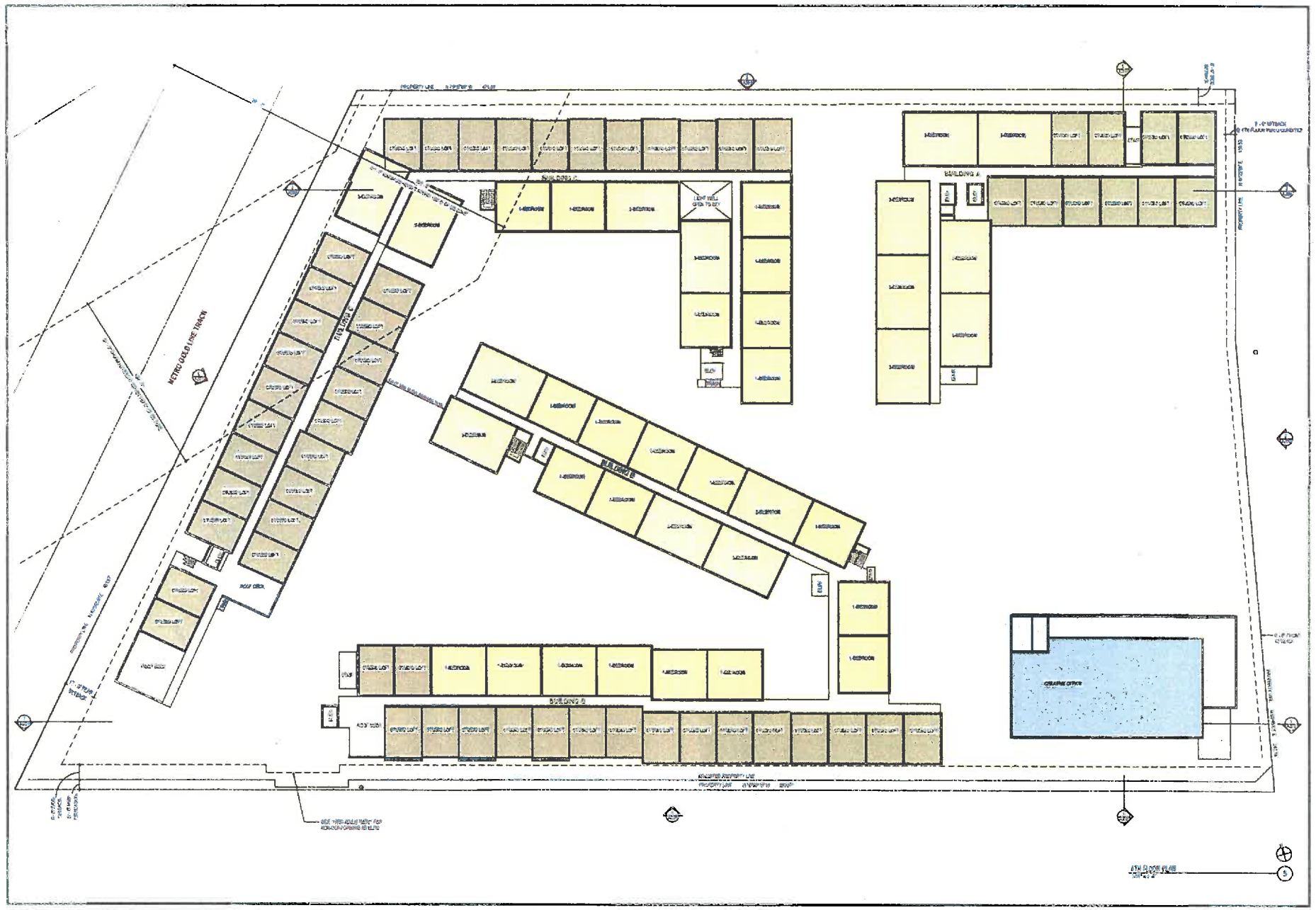
Figure II-8
Second Level Floor Plan



Source: Killefer Flammang Architects, November 4, 2016.

PARKER ENVIRONMENTAL CONSULTANTS

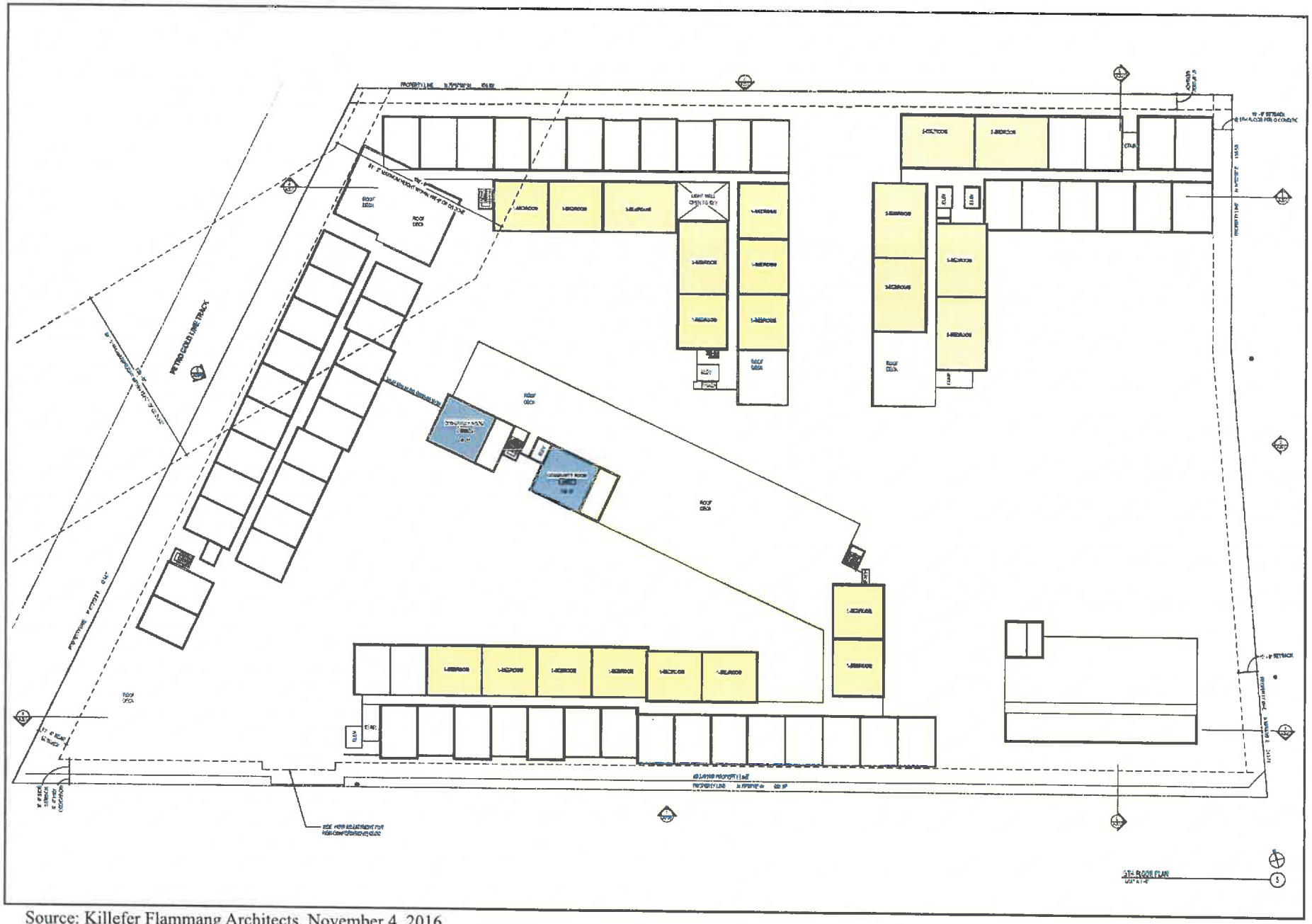
Figure II-9
Third Level Floor Plan



Source: Killefer Flammang Architects, November 4, 2016.

PARKER ENVIRONMENTAL CONSULTANTS

Figure II-10
Fourth Level Floor Plan



Source: Killefer Flammang Architects, November 4, 2016.

PARKER
ENVIRONMENTAL CONSULTANTS

Figure II-11
Fifth Level Floor Plan

Source: Killefer Flammang Architects, November 4, 2016.

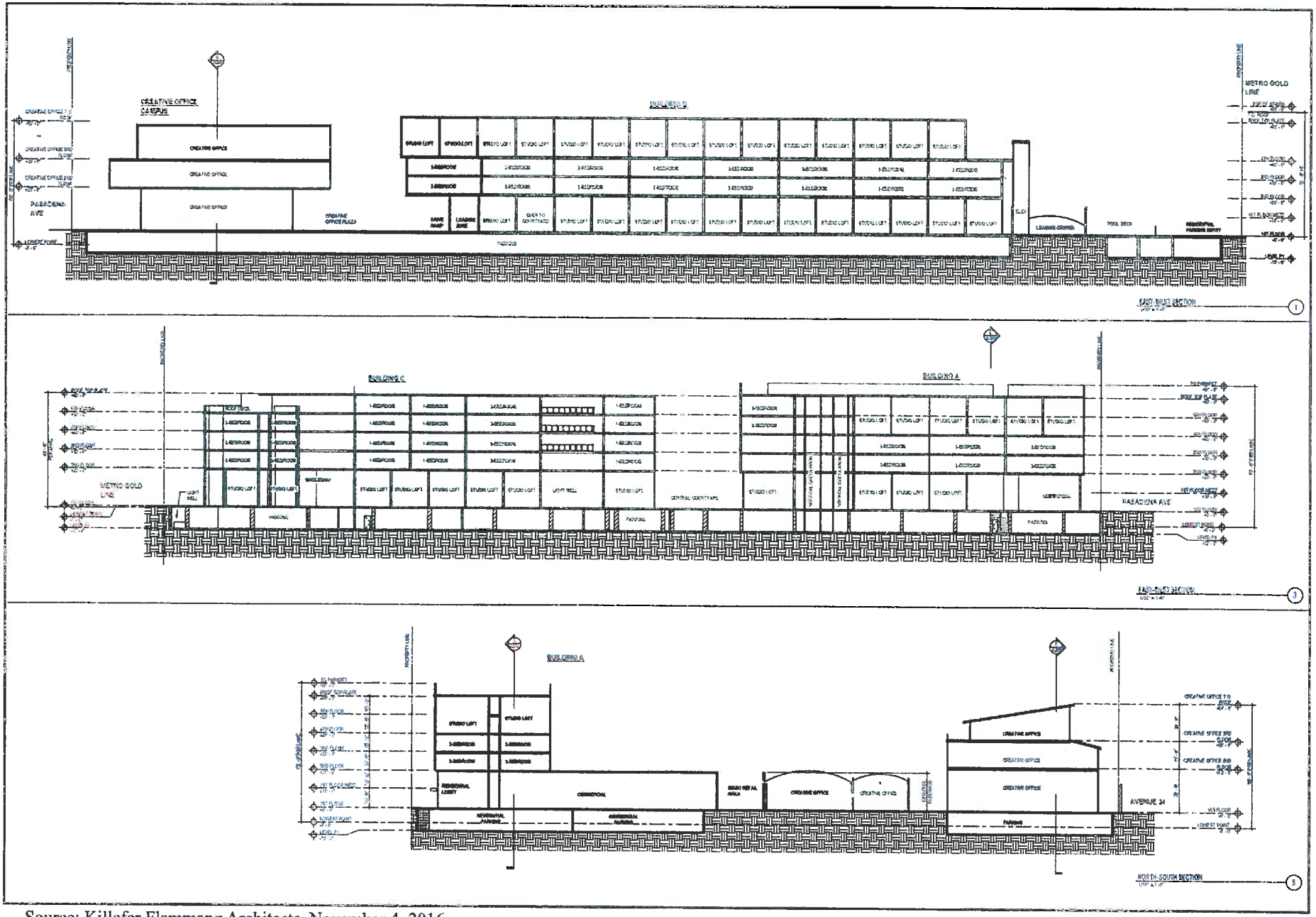
PARKER
ENVIRONMENTAL CONSULTANTS

Figure II-12
East and South Building Elevations

Source: Killefer Flammang Architects, November 4, 2016.

PARKER
ENVIRONMENTAL CONSULTANTS

Figure II-13
North and West Building Elevations



Source: Killefer Flammang Architects, November 4, 2016.

PARKER ENVIRONMENTAL CONSULTANTS

Figure II-14
Building Sections

RESIDENTIAL ENTRANCE

CREATIVE OFFICE CORNER

Source: Killefer Flammang Architects, November 4, 2016.

PARKER
ENVIRONMENTAL CONSULTANTS

Figure II-15
Illustrative Renderings

OPEN SPACE AND LANDSCAPING

The residential open space requirements and amount of open space proposed for the Project are summarized in Table II-3, below. Pursuant to the LAMC 12.21.G, the Project would be required to provide 39,575 square feet of open space on site. The Project proposes 39,575 square feet of open space pursuant to the LAMC. The Proposed Project may include a variety of on-site amenities including, but not limited to, common open space, community gardens, a roof deck, pool deck, barbecue pits, and a gymnasium. Refer to Figure II-16, Residential Open Space Plan, for the location of the proposed residential open space areas.

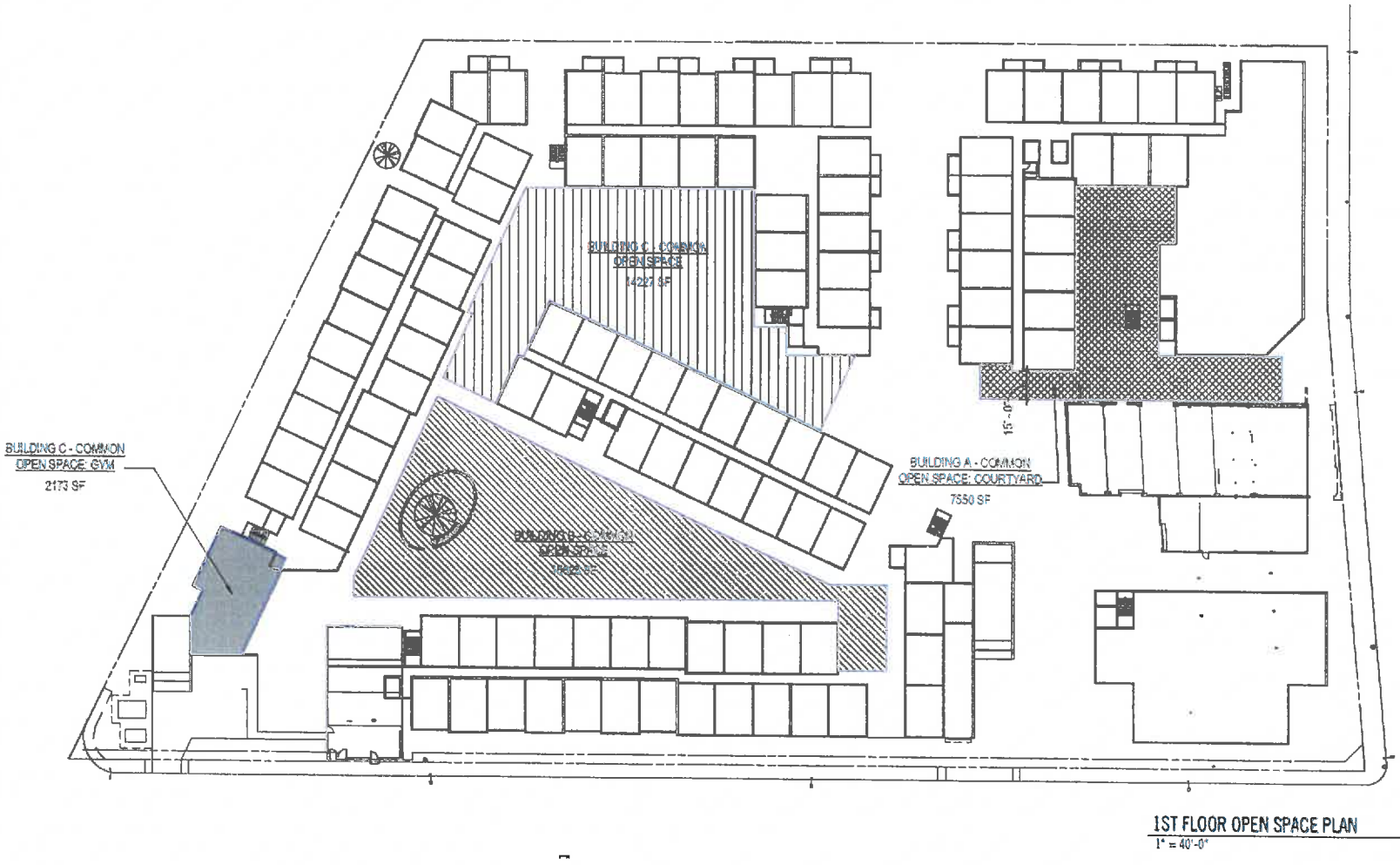
Table II-3
Summary of Required and Proposed Residential Open Space Areas

Open Space Requirements	Dwelling Units	Open Space (square feet)
LAMC 12.21.G		
Less than 3 Habitable Rooms (100 sf/du) [a]	277	27,700
3 Habitable Rooms (125 sf/du) [b]	95	11,875
Total Common Open Space Required		**39,575**
Proposed Open Space	**Open Space (square feet)**	
Building A Common Open Space Courtyard	7,550	
Building B Common Open Space	15,625	
Building C Common Open Space	14,227	
Building C Common Open Space (Gym)	2,173	
Total Residential Open Space Provided	***39,575***	

Notes: du = dwelling unit; sq = square feet; PAOS = publically accessible open space.
[a] *Includes studio and one-bedroom apartments.*
[b] *Includes two-bedroom apartments.*
Source: Killefer Flammang Architects, November 4, 2016.

Pursuant to Ordinance No. 179,280, which establishes the [Q] on-site, the Project would be required to provide 30% of the Subarea as publically accessible open space (PAOS), which results in a requirement of 64,744 square feet. The Proposed Project would include a total of 64,744 square feet of publically accessible open space pursuant to Ordinance 179,280. Refer to Figure II-17, Publicly Accessible Open Space Plan, for the location of publicly accessible areas on the Project Site.

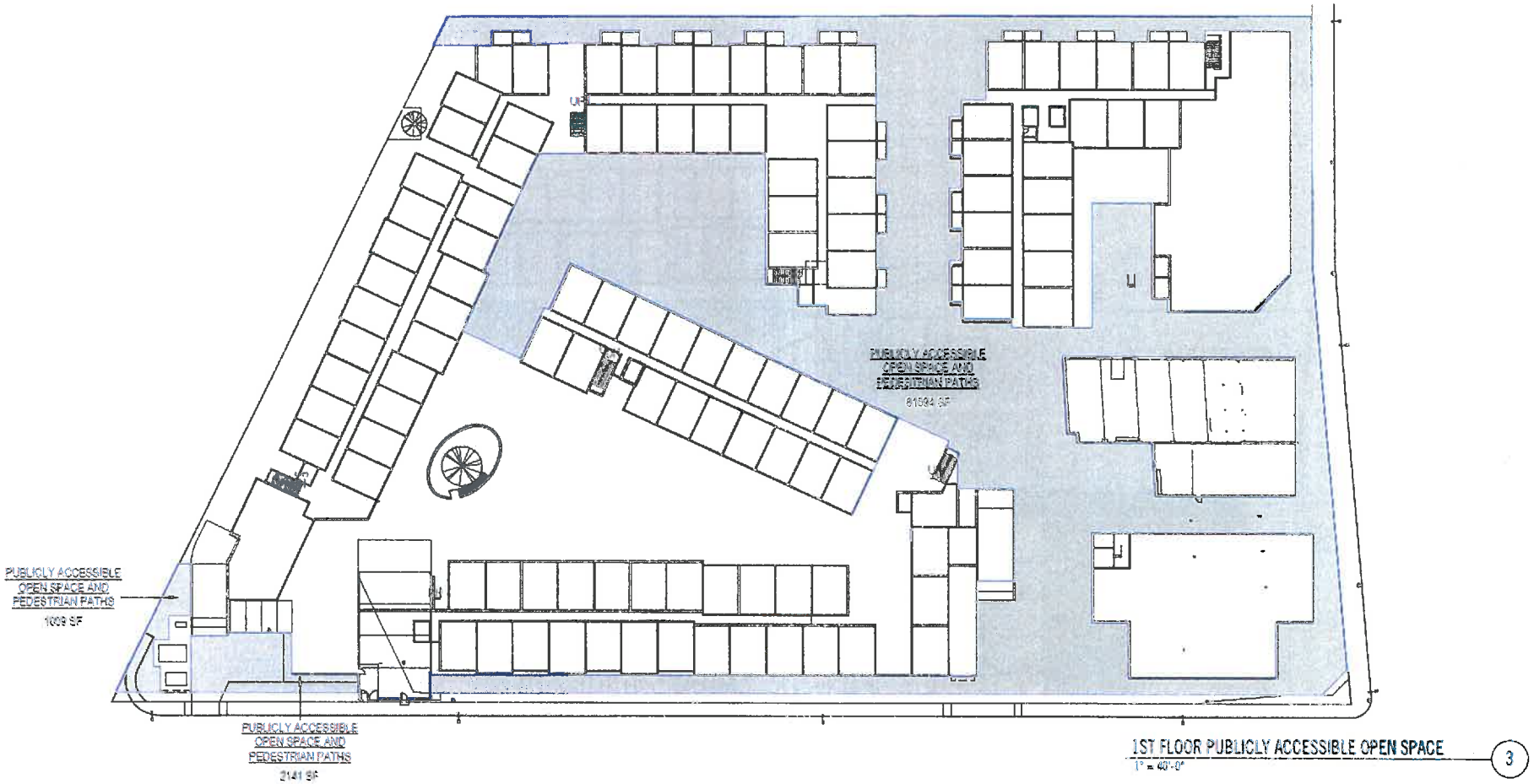
Existing street trees adjacent to the property along Pasadena Avenue would remain in place or be replaced in consultation with the City of Los Angeles Division of Urban Forestry and approved by the Department of Public Works. Refer to Figure II-18, Conceptual Landscape Plan, for the proposed landscaping and open space amenities throughout the Project Site.



Source: Killefer Flammang Architects, November 4, 2016.

PARKER ENVIRONMENTAL CONSULTANTS

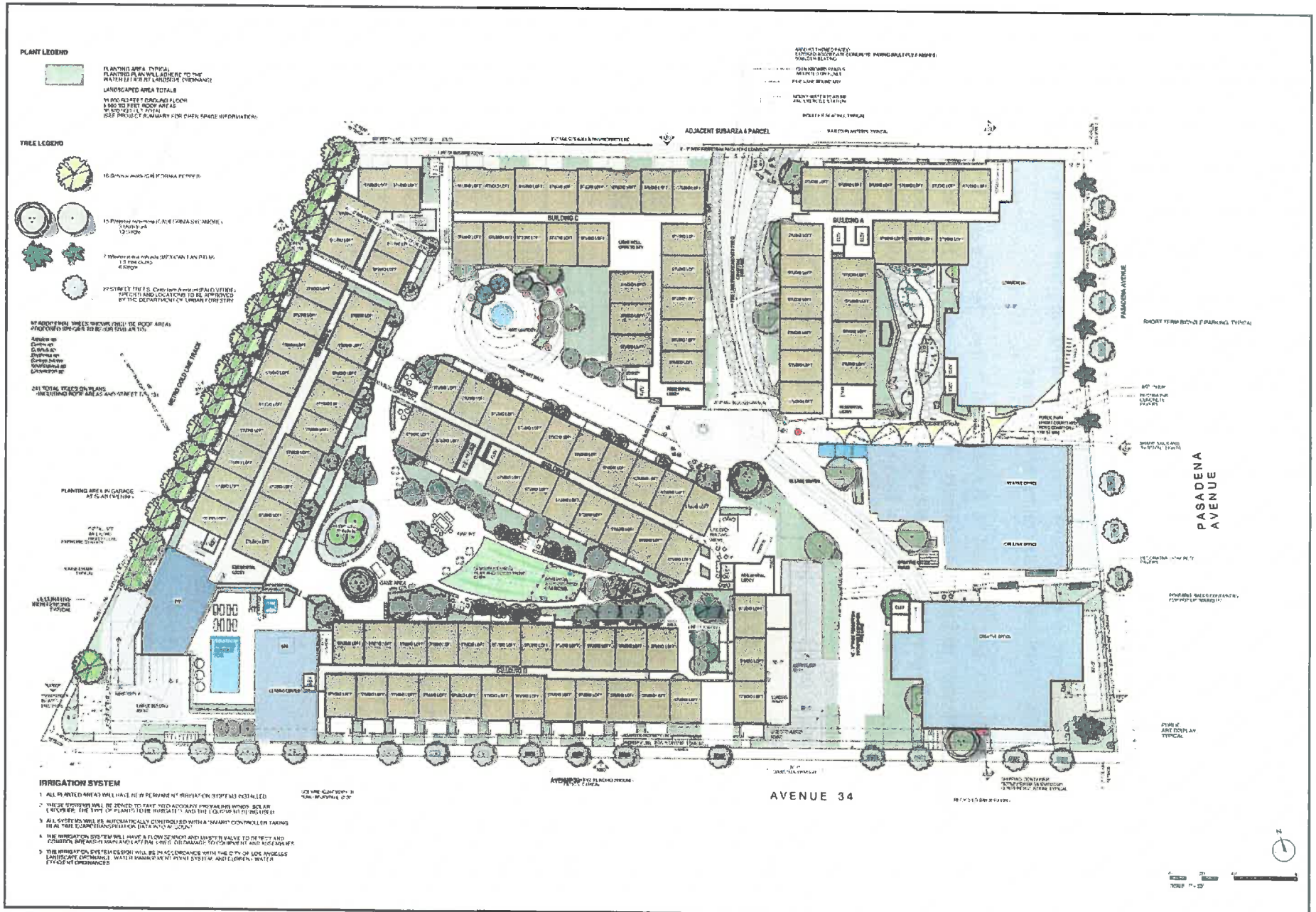
Figure II-16
Residential Open Space Plan



Source: Killefer Flammang Architects, November 4, 2016.

PARKER ENVIRONMENTAL CONSULTANTS

Figure II-17
Publicly Accessible Open Space Plan



Source: Killefer Flammang Architects, March 25, 2016.

PARKER ENVIRONMENTAL CONSULTANTS

Figure II-18
Conceptual Landscape Plan

PARKING AND ACCESS

Parking for the proposed creative office, retail and residential uses on-site will be provided in the one level of subterranean parking beneath the Project Site and at-grade. Vehicular access to the Project Site will be provided via two ingress/egress driveways on the north side of Avenue 34. Access to residential parking and commercial parking would be provided from the western driveway and eastern driveway, respectively. The Proposed Project meets all of the requisite criteria of a Transit Oriented Infill Project pursuant to SB 743. Under Public Resources Code Section 21099, aesthetic and parking impacts of a residential, mixed-use residential, or employment center project on an infill site within a transit priority area shall not be considered significant impacts on the environment.

As summarized in Table II-4, and discussed in further detail below, the Proposed Project would be consistent with the applicable parking requirements of the LAMC and the Bicycle Ordinance (No. 182,386). As proposed, the Proposed Project would require a total of 313 parking spaces, which includes: 233 residential spaces and 80 commercial spaces. Residential parking is determined based on California State Assembly Bill (AB) 744. AB 744 allows a ratio of 0.5 parking space per bedroom for a development that includes the maximum percentage of low- or very low income units and is located within ½ mile of a major transit stop and there is unobstructed access to the transit stop from the development. The Project would provide a total of 467 parking spaces, which includes: 384 residential spaces, 80 commercial spaces, and 3 residential guest parking spaces.

Table II-4
Summary of Required and Proposed Vehicle Parking Spaces

Description	Quantity	Parking per LAMC [a, b]		Parking Provided
		Rate	Spaces	
Residential				
Studios	167	0.5/du	83.5	--
1-Bedroom	110	0.5/du	55	
2-Bedroom	95	1.0/du	95	--
		Subtotal Residential	*233*	--
		Residential Parking	***233***	***384***
		Residential Guest Parking	*--*	***3***
Commercial				
Creative Office	30,000 sf	1 / 500 sf	60	--
Retail	10,000 sf	1 / 500 sf	20	--
		Subtotal Retail	*80*	--
		Commercial Parking	***80***	***80***
		TOTAL PARKING SPACES	**313**	**467**

Notes: du = dwelling unit, sf = square feet
[a] *AB 744, October 9, 2015.*
[b] *LAMC 12.21 A.4.(x)(3). Off-Street Automobile Parking Requirements, Exception for Council Approved Agreements and Historic/Cultural Buildings, and Specified Exception Areas (ZI-2129).*
[c] *Bicycle Parking Ordinance 182,386.*
Source: Killefer Flammang Architects, November 4, 2016.

The Proposed Project provides on-site bicycle parking in bicycle storage spaces as required by the City's Bicycle Ordinance. According to LAMC Section 12.21 A.16 (a)(2), the Proposed Project is required to provide on-site bicycle parking spaces. For residential uses, a project is required to provide 1 short-term bicycle parking space per every 10 dwelling units and 1 long-term bicycle parking space per every one dwelling unit. For creative office space, a project is required to provide 1 short-term bicycle parking for each 10,000 square feet and 1 long-term bicycle parking for each 5,000 square feet. For retail space, a project is required to provide 1 short-term bicycle parking space for each 2,000 square feet and 1 long-term parking space for each 2,000 square feet. As summarized in Table II-5, below, the Proposed Project would be consistent with the applicable bicycle parking requirements of the LAMC. The Project would be required to provide 428 bicycle parking spaces, which includes 45 short term spaces and 383 long term spaces. The Proposed Project would provide 428 bicycle parking spaces, which includes 409 residential bicycle spaces and 19 commercial bicycle spaces.

Table II-5
Summary of Required and Proposed Bicycle Parking Spaces

Description	Quantity	Parking Required [a]		Total Spaces Required	Total Spaces Provided
		Short Term	Long Term		
Residential					
		(1 per 10 DUs)	*(1 per DU)*		
Residential Units	372 du	37	372	409	409
Commercial					
		(1 per 10,000 sf)	*(1 per 5,000 sf)*		
Creative Office	30,000 sf	3	6	9	9
		(1 per 2,000 sf)	*(1 per 2,000 sf)*		
Retail	10,000 sf	5	5	10	10
	TOTAL	**45**	**383**	**428**	**428**

Notes:
du = dwelling unit, sf = square feet
[a] LAMC 12.21 A.16. Bicycle Parking and Shower Facilities.
Source: Killefer Flammang Architects, November 4, 2016.

CONSTRUCTION

Construction Schedule/Phasing

For purposes of analyzing impacts associated with air quality, this analysis assumes a Project construction schedule of approximately 34 months, with final buildout occurring in 2020. Construction activities associated with the Project would be undertaken in four main steps: (1) demolition/site clearing, (2) excavation, grading and foundations, (3) building construction, and (4) architectural coating and finishing.

Unless stated otherwise, all construction activities would be performed in accordance with all applicable state and federal laws and City Codes and policies with respect to building construction and activities. "[Q]" Condition 10 specifies that construction and demolition shall be further restricted to the hours of 7:00 a.m. to 6:00 p.m. Monday through Friday, and 8:00 a.m. to 6:00 p.m. on Saturday. This condition is more restrictive than the permissible hours of construction pursuant to LAMC 41.40, which allow

construction activities until 9:00 p.m. Monday through Friday. No construction activities are permitted on Sundays. The Proposed Project would comply with these restrictions.

Demolition/Site Clearing Phase

This phase would include the demolition of the large warehouse building on-site, the one-story metal building located on the southeast corner of the Project Site, and portions of the 24,018 square foot building and a portion of the 3,521 square foot building, and the removal of supporting structures and materials, paved surfaces, and landscaping. In addition, this phase may include the removal of street trees, walls, fences, and associated debris. The demolition/site clearing would be completed in approximately two months.

Excavation, Grading and Foundation Phase

After the completion of demolition/site clearing, the excavation phase for the Proposed Project would occur for approximately three months and would involve the cut and fill of land to ensure the proper base and slope for the building foundations. The Proposed Project would require approximately 98,000 cy of soil to be hauled off-site in order to build the subterranean parking garage. Haul trips would occur outside of the peak hours and during the permissible hauling hours identified in the haul route to be approved by the Department of Building and Safety.

Building Construction Phase

The building construction phase consists of below grade and above grade structures and is expected to occur for approximately 24 months. Upon completion of the structures, architectural coating, finishing, and paving would occur.

Architectural Coating and Finishing

It is estimated that architectural coatings would occur over the final four months of the building construction phase, and paving would occur during the final month of construction.

Roadway Closures

Construction activities may necessitate temporary lane closures on streets adjacent to the Project Site on an intermittent basis for utility relocations/hook-ups, delivery of materials, and other construction activities as may be required. However, site deliveries and the staging of all equipment and materials would be organized in the most efficient manner possible on-site to mitigate any temporary impacts to the neighborhood and surrounding traffic. Construction equipment would be staged on-site for the duration of construction activities. Traffic lane and right-of-way closures, if required, will be properly permitted by City agencies and will conform to City standards.

Haul Route

All construction and demolition debris would be recycled to the maximum extent feasible. All construction and demolition debris would be hauled to the Waste Management Downtown Diversion facility, which sorts construction and demolition waste for recycling and diversion. It is located approximately 5 miles south of the Project Site (approx. 10 miles round trip). Demolition debris and soil materials from the Site that cannot be recycled or diverted would be hauled to the Sunshine Canyon or Chiquita Canyon landfills, which accept construction and demolition debris and inert waste from areas within the City of Los Angeles. The Sunshine Canyon Landfill is approximately 26 miles northwest of the Project Site (approx. 52 miles round trip). The Chiquita Canyon Landfill is approximately 43 miles to the northwest of the Project Site (approx. 86 miles round trip).

For purposes of analyzing the construction-related impacts, it is anticipated that the excavation and soil export would involve 18-wheel bottom-dump trucks with a 20 cubic yard hauling capacity (i.e., 30 tons maximum gross weight). All truck staging would either occur on-site or at designated off-site locations and radioed into the site to be filled. Pursuant to Ordinance No. 107,022, vehicles over 6,000 pounds are prohibited from using the Pasadena 110 Freeway between the 101 Freeway and Glenarm Street in Pasadena. Therefore, the local haul route from the Project Site to the 5 Freeway would be restricted to Pasadena Avenue southbound to W. Avenue 33, W. Avenue 33 from Pasadena Avenue to Lacy Street, Lacy Street from W. Avenue 33 to Avenue 26, and northbound on Avenue 26 to access the south bound I-5 Freeway on-ramp or to N. Figueroa Street to connect to the northbound I-5 on-ramp. Northbound returning trucks from the I-5 Freeway to the Project Site would exit the I-5 Freeway at the Lacy Street exit and would utilize Avenue 33 and Pasadena Avenue to access the Project Site. Southbound returning trucks from the I-5 Freeway would exit the I-5 Freeway at the 137A off-ramp and would take W. Avenue 26 eastbound to the I-5 northbound on-ramp exiting on Lacy Street and continuing on to W. Avenue 33 and Pasadena Avenue. The haul route may be modified in compliance with City policies, provided DOT and/or Street Services approves any such modification.

RELATED PROJECTS

In accordance with CEQA Guidelines Section 15064(h), this IS/MND includes an evaluation of the Project's cumulative impacts. The guidance provided under CEQA Guidelines Section 15064 (h) is as follows:

> *"(1) When assessing whether a cumulative effect requires an EIR, the lead agency shall consider whether the cumulative impact is significant and whether the effects of the project are cumulatively considerable. An EIR must be prepared if the cumulative impact may be significant and the project's incremental effect, though individually limited, is cumulatively considerable. "Cumulatively considerable" means that the incremental effects of an individual project are significant when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects.*

(2) A lead agency may determine in an initial study that a project's contribution to a significant cumulative impact will be rendered less than cumulatively considerable and thus is not significant. When a project might contribute to a significant cumulative impact, but the contribution will be rendered less than cumulatively considerable through mitigation measures set forth in a mitigated negative declaration, the initial study shall briefly indicate and explain how the contribution has been rendered less than cumulatively considerable.

(3) A lead agency may determine that a project's incremental contribution to a cumulative effect is not cumulatively considerable if the project will comply with the requirements in a previously approved plan or mitigation program (including, but not limited to, water quality control plan, air quality attainment or maintenance plan, integrated waste management plan, habitat conservation plan, natural community conservation plan, plans or regulations for the reduction of greenhouse gas emissions) that provides specific requirements that will avoid or substantially lessen the cumulative problem within the geographic area in which the project is located. Such plans or programs must be specified in law or adopted by the public agency with jurisdiction over the affected resources through a public review process to implement, interpret, or make specific the law enforced or administered by the public agency. When relying on a plan, regulation or program, the lead agency should explain how implementing the particular requirements in the plan, regulation or program ensure that the project's incremental contribution to the cumulative effect is not cumulatively considerable. If there is substantial evidence that the possible effects of a particular project are still cumulatively considerable notwithstanding that the project complies with the specified plan or mitigation program addressing the cumulative problem, an EIR must be prepared for the project.

(4) The mere existence of significant cumulative impacts caused by other projects alone shall not constitute substantial evidence that the proposed project's incremental effects are cumulatively considerable."

In light of the guidance summarized above, an adequate discussion of a project's significant cumulative impact, in combination with other closely related projects, can be based on either: (1) a list of past, present, and probable future producing related impacts; or (2) a summary of projections contained in an adopted local, regional, statewide plan, or related planning document that describes conditions contributing to the cumulative effect. (CEQA Guidelines Section 15130(b)(1)(A)-(B)). The lead agency may also blend the "list" and "plan" approaches to analyze the severity of impacts and their likelihood of occurrence. Accordingly, all proposed, recently approved, under construction, or reasonably foreseeable projects that could produce a related or cumulative impact on the local environment, when considered in conjunction with the Project, were identified for evaluation.

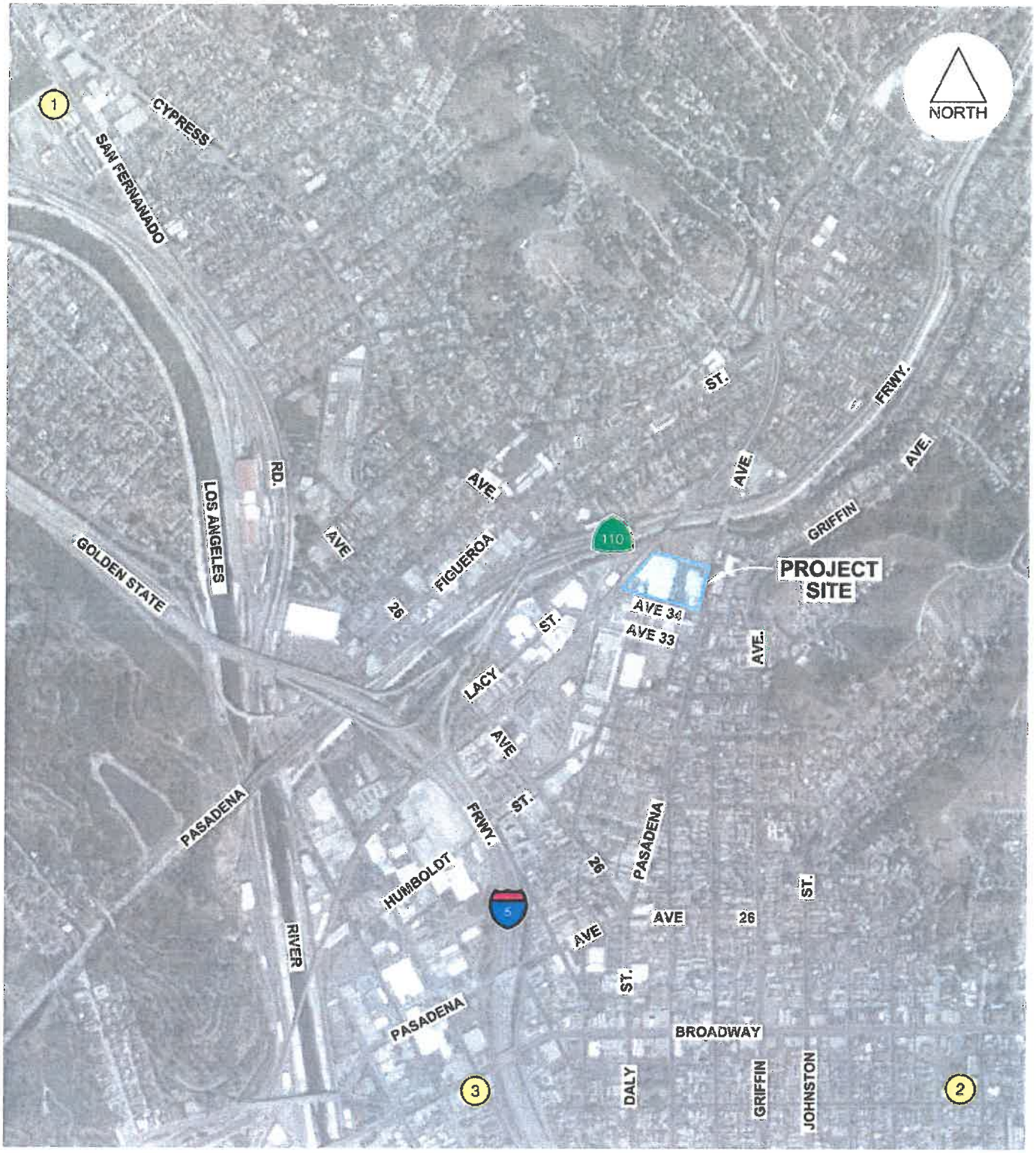
The related projects identified are included in Table II-6, Related Projects List, below. A total of three related projects were identified within the affected Project area. For purposes of identifying the affected project area, the DOT generally considers a 2 mile radius around the Project Site for purposes of evaluating cumulative traffic impacts. An analysis of the cumulative impacts associated with these related

projects and the Project are provided under each individual environmental impact category in Section III of this IS/MND. The locations of the related projects are shown in Figure II-19, Related Projects Location Map.

Table II-6
Related Projects List

Project Number	Location/Address	Project Description	Number	Units
1	1555 N. San Fernando Road	Apartment	64	du
		Condominium	290	du
		Retail	25,000	sf
2	3303 N. Broadway	Senior Apartment	100	du
		Medical Office	66,000	sf
3	211 S. Avenue 20	Retail	15,000	sf
		High School	263	stu
		Middle School	74	stu

Notes:
du = dwelling unit, sf = square feet; stu = student
Source: Crain & Associates, Traffic Impact Report for Proposed Avenue 34 & Pasadena Mixed-Use Project, December 2015.



Source: Crain and Associates, December 2015.

PARKER ENVIRONMENTAL CONSULTANTS

Figure II-19
Related Project Location Map

II. PROJECT DESCRIPTION
C. ENTITLEMENT REQUESTS

ED1125, LLC ("Owner" and "Applicant") is requesting approval of the following discretionary actions:

(1) **Zoning Administrator's Adjustment** pursuant to LAMC Section 12.28.A to permit the maintenance of a minimum 0-foot side yard in lieu of 8-feet, as required by LAMC 12.17.1.C, to preserve existing buildings on-site with non-conforming yards.

(2) **Site Plan Review** pursuant to LAMC Section 16.05 to permit the construction, use and maintenance of 372 residential units, 30,000 square feet of commercial office space, 10,000 square feet of retail space, and 467 on-site parking spaces.

(3) **Clarification of Q Conditions** pursuant to LAMC Section 12.32 H to clarify Condition A.1.c of Subarea 4 in Ordinance 179,280.

The Applicant will also request approvals and permits from the Department of Building and Safety (and other regulatory agencies) for project construction activities which may include, but are not limited to, the following: excavation, shoring, grading, foundation, haul route (for the export of approximately 98,000 cubic yards of soil), removal of street trees, and building and tenant improvements for the Project Site.

In addition to the discretionary actions that will be requested from the lead agency as identified above, certain responsible agencies with jurisdiction over certain aspects of the Project may be required to provide additional permits or have permitting authority over the Project. Such permits and/or approvals may include but are not limited to the following:

- Air Quality Management District (AQMD) (permitting authority over localized and regional air quality impacts and enforcement of any applicable air quality mitigation measures).
- Regional Water Quality Control Board (permitting authority over surface water runoff and water quality impacts with enforcement of any applicable mitigation measures).

III. ENVIRONMENTAL IMPACT ANALYSIS

INTRODUCTION

This section of the Initial Study contains an assessment and discussion of impacts associated with the environmental issues and subject areas identified in the Initial Study Checklist (Appendix G to the State CEQA Guidelines, C.C.R. Title 14, Chapter 3, 15000-15387). The analytical methodology and thresholds of significance are based on the *L.A. CEQA Thresholds Guide (2006)* unless otherwise noted.

ENVIRONMENTAL IMPACT ANALYSIS

I. AESTHETICS

Senate Bill 743 - Environmental Quality: Transit Oriented Infill Projects

In 2013, the State of California enacted Senate Bill 743 (SB 743),[1] which provides that "aesthetic and parking impacts of a residential, mixed-use residential, or employment center project on an infill site within a transit priority area shall not be considered significant impacts on the environment." Public Resources Code Section 21099 defines a "transit priority area" as an area within one-half mile of a major transit stop that is "existing or planned, if the planned stop is scheduled to be completed within the planning horizon included in a Transportation Improvement Program adopted pursuant to Section 450.216 or 450.322 of Title 23 of the Code of Federal Regulations." Public Resources Code Section 21064.3 defines "Major Transit Stop" as "a site containing an existing rail transit station, a ferry terminal served by either a bus or rail transit service, or the intersection of two or more major bus routes with a frequency of service interval of 15 minutes or less during the morning and afternoon peak commute periods." Public Resources Code Section 21061.3 defines an "Infill Site" as a lot located within an urban area that has been previously developed, or on a vacant site where at least 75 percent of the perimeter of the site adjoins, or is separated only by an improved public right-of-way from, parcels that are developed with qualified urban uses. This state law supersedes the aesthetic impact thresholds of significance that were previously adopted in the *L.A. CEQA Thresholds Guide* (2006).

The Proposed Project is classified as a mixed-use residential project and is located on an infill site within a Transit Priority Area as defined by CEQA. The City of Los Angeles also identifies the Project Site as being within a transit priority area per the Department of City Planning's Zoning Information File ZI No. 2452, Transit Priority Areas (TPAs)/Exemptions to Aesthetics and Parking within TPAs pursuant to CEQA.[2] The Project Site is located approximately ¼ mile from the Heritage Square Arroyo Transit Station, an existing rail transit station that serves the Metro Light-Rail Gold Line running between Downtown Los Angeles and Azusa. Accordingly, the Project's aesthetic impacts shall not be considered

---

[1] *SB 743 is codified as Public Resources Code Section 21099.*

[2] *City of Los Angeles, Department of City Planning, Zoning Information File, ZI No. 2452, Transit Priority Areas (TPAs) / Exemptions to Aesthetics and Parking within TPAs Pursuant to CEQA, website: http://zimas.lacity.org/documents/zoneinfo/ZI2452.pdf, accessed March 7, 2016.*

significant impacts on the environment pursuant to Public Resources Code Section 21099. While Section 21009 prohibits aesthetic impacts from being considered significant environmental impacts pursuant to CEQA, it does not affect the ability of the City of Los Angeles to implement design review through its ordinances or other discretionary powers.

a) Would the project have a substantial adverse effect on a scenic vista?

Less Than Significant Impact. As noted above, the Proposed Project is classified as a mixed-use residential project and is located on an infill site within a Transit Priority Area as defined by CEQA. The City of Los Angeles also identifies the Project Site as being within a transit priority area per the Department of City Planning's Zoning Information File ZI No. 2452, Transit Priority Areas (TPAs)/Exemptions to Aesthetics and Parking within TPAs pursuant to CEQA. The Project Site is located approximately ¼ mile from the Heritage Square Arroyo Transit Station, an existing rail transit station that serves the Metro Light-Rail Gold Line running between Downtown Los Angeles and Azusa. Accordingly, the Project's aesthetic impacts shall not be considered significant impacts on the environment pursuant to Public Resources Code Section 21099.

b) Would the project substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a city-designated scenic highway?

Less Than Significant Impact. As noted above, the Proposed Project is classified as a mixed-use residential project and is located on an infill site within a Transit Priority Area as defined by CEQA. The City of Los Angeles also identifies the Project Site as being within a transit priority area per the Department of City Planning's Zoning Information File ZI No. 2452, Transit Priority Areas (TPAs)/Exemptions to Aesthetics and Parking within TPAs pursuant to CEQA. The Project Site is located approximately ¼ mile from the Heritage Square Arroyo Transit Station, an existing rail transit station that serves the Metro Light-Rail Gold Line running between Downtown Los Angeles and Azusa. Accordingly, the Project's aesthetic impacts shall not be considered significant impacts on the environment pursuant to Public Resources Code Section 21099.

c) Would the project substantially degrade the existing visual character or quality of the site and its surroundings?

Less Than Significant Impact. As noted above, the Proposed Project is classified as a mixed-use residential project and is located on an infill site within a Transit Priority Area as defined by CEQA. The City of Los Angeles also identifies the Project Site as being within a transit priority area per the Department of City Planning's Zoning Information File ZI No. 2452, Transit Priority Areas (TPAs)/Exemptions to Aesthetics and Parking within TPAs pursuant to CEQA. The Project Site is located approximately ¼ mile from the Heritage Square Arroyo Transit Station, an existing rail transit station that serves the Metro Light-Rail Gold Line running between Downtown Los Angeles and Azusa. Accordingly, the Project's aesthetic impacts shall not be considered significant impacts on the environment pursuant to Public Resources Code Section 21099.

d) Would the project create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?

Less Than Significant Impact. As noted above, the Proposed Project is classified as a mixed-use residential project and is located on an infill site within a Transit Priority Area as defined by CEQA. The City of Los Angeles also identifies the Project Site as being within a transit priority area per the Department of City Planning's Zoning Information File ZI No. 2452, Transit Priority Areas (TPAs)/Exemptions to Aesthetics and Parking within TPAs pursuant to CEQA. The Project Site is located approximately ¼ mile from the Heritage Square Arroyo Transit Station, an existing rail transit station that serves the Metro Light-Rail Gold Line running between Downtown Los Angeles and Azusa. Accordingly, the Project's aesthetic impacts shall not be considered significant impacts on the environment pursuant to Public Resources Code Section 21099.

Cumulative Impacts

Less Than Significant Impact. The application of Public Resources Code Section 21099 provides that the aesthetic impacts of a mixed-use project, such as the Proposed Project, upon an infill site within a transit priority area shall not be considered significant impacts on the environment.

II. AGRICULTURE AND FORESTRY RESOURCES

a) Would the project convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?

No Impact. The Project Site is located in a developed area within the City of Los Angeles. No farmland or agricultural activity exists on the Project Site, nor are there any farmland or agricultural activities in the vicinity of the Project Site. According to the "Los Angeles County Important Farmland 2014" map, which was prepared by the California Department of Conservation, Division of Land Resource Protection, the soils at the Project Site are not candidate for listing as Prime Farmland, Unique Farmland, or Farmland of Statewide Importance.[4] Therefore, under current analysis, no impact to agricultural lands would occur.

b) Would the project conflict with existing zoning for agricultural use, or a Williamson Act Contract?

No Impact. The Project Site is located within the jurisdiction of the City of Los Angeles and is, therefore, subject to the applicable land use and zoning requirements in the Los Angeles Municipal Code (LAMC). The Project Site is currently zoned [T][Q]CM-2D with the land use designation of Commercial Manufacturing and is not zoned for agricultural production, and no farmland activities exist on-site. In

---

4 *State of California Department of Conservation, Division of Land Resource Protection, Farmland Mapping and Monitoring Program, Los Angeles County Important Farmland 2014, Map. ftp://ftp.consrv.ca.gov/pub/dlrp/FMMP/pdf/2014/los14.pdf, accessed October 2016.*

addition, no Williamson Act Contracts are in effect for the Project Site.[5] Therefore, no impact would occur.

c) Would the project conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104(g))?

No Impact. The Project Site is zoned [T][Q]CM-2D, which has a land use designation of Commercial Manufacturing in the Northeast Los Angeles Community Plan. The Project Site is not zoned as forestland or timberland, and there is no timberland production at the Project Site. Therefore, no impact would occur.

d) Would the project result in the loss of forest land or conversion of forest land to non-forest use?

No Impact. The Project Site is fully developed and currently contains four light manufacturing and warehouse buildings and paved surface loading areas and parking. The Project Site is located in a developed area within the City of Los Angeles. There is no significant vegetation on-site. No forested lands or protected vegetation exist on or in the vicinity of the Project Site. Therefore, no impact would occur.

e) Would the project involve other changes in the existing environment, which due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?

No Impact. Neither the Project Site, nor nearby properties, are currently utilized for agricultural or forestry uses. As discussed above, the Project Site is not classified in any "Farmland" category designated by the State of California. According to the "Los Angeles County Important Farmland 2014" map, which was prepared by the California Department of Conservation, Division of Land Resource Protection, the soils at the Project Site is not candidates for listing as Prime Farmland, Unique Farmland, or Farmland of Statewide Importance.[6] Therefore, no impact would occur.

Cumulative Impacts

No Impact. Development of the Proposed Project in combination with the three related projects would not result in the conversion of State-designated agricultural land from agricultural use to a non-agricultural use, nor result in the loss of any forest land or conversion of forest land to non-forest use. The Los Angeles County Important Farmland 2014 Map maintained by the California Division of Land

---

5 *California Department of Conservation, State of California Williamson Act Contract Land Map 2015-2016, website: http://www.conservation.ca.gov/dlrp/lca, accessed October 2016.*

6 *State of California Department of Conservation, Division of Land Resource Protection, Farmland Mapping and Monitoring Program, Los Angeles County Important Farmland 2014, Map. ftp://ftp.consrv.ca.gov/pub/dlrp/FMMP/pdf/2014/los14.pdf, accessed October 2016.*

Resource Protection indicates that the Project Site and the surrounding area are not included in the Important Farmland category.[7] The Project Site is located in an urbanized area in the Northeast Los Angeles Community Plan area within the City of Los Angeles and does not include any State-designated agricultural lands or forest uses. Therefore, no cumulative impact would occur.

III. AIR QUALITY

a) Would the project conflict with or obstruct implementation of the applicable air quality plan?

Less Than Significant Impact. A significant air quality impact could occur if the Proposed Project is not consistent with the applicable Air Quality Management Plan (AQMP) or would in some way represent a substantial hindrance to employing the policies or obtaining the goals of that plan. The most recent AQMP was adopted by the Governing Board of the South Coast Air Quality Management District (SCAQMD) on December 7, 2012 ("2012 AQMP"). The transportation strategy and transportation control measures (TCMs), included as part of the 2012 AQMP and SIP for the South Coast Air Basin, are based on SCAG's previously adopted 2008 Regional Comprehensive Plan (RCP) and 2011 Federal Transportation Improvement Program (FTIP). For purposes of assessing a project's consistency with the AQMP, projects that are consistent with the growth forecast projections of employment and population forecasts identified in the SCAG's recently adopted 2016-2040 Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS) are considered consistent with the AQMP, since the growth projections contained in the RTP/SCS form the basis of the land use and transportation control portions of the AQMP.

As discussed in Section XIII(a), Population and Housing, the Proposed Project is consistent with the regional growth projections for the Los Angeles Subregion and is consistent with the smart growth policies of the RTP/SCS to increase housing density within close proximity to High-Quality Transit Areas (HQTA). An HQTA is defined as a generally walkable transit village or corridor within one half-mile of a well-serviced transit stop or a transit corridor with 15-minute or less service frequency during peak commute hours. The Proposed Project would concentrate new development and jobs within a half of a mile (walking distance) from the Heritage Square Arroyo Gold Line Station and is served by several Metro bus lines. Thus the Project's location provides opportunities for employees, guests, visitors, and residents to use public transit to reduce vehicle trips. The Project Site is also located in a Transit Priority Area as defined by CEQA Sections 21099 and 21064.3. Studies by the California Department of Transportation, the U.S. Environmental Protection Agency and the Metropolitan Transportation Commission have found that focusing development in areas served by transit can result in local, regional and statewide benefits including reduced air pollution and energy consumption. The Proposed Project's mixed-use nature and close proximity to neighborhood-serving commercial/retail land uses and regional transit would result in fewer trips and a reduction to the Proposed Project's vehicle miles traveled (VMTs) as compared to the base trip rates for similar stand-alone land uses that are not located in close proximity to transit. Thus, because the Proposed Project would be consistent with the growth projections and

[7] *Ibid.*

regional land use planning policies of the RTP/SCS, the Proposed Project would not conflict with or obstruct implementation of the 2012 AQMP, and impacts would be less than significant.

b) Would the project violate any air quality standard or contribute substantially to an existing or projected air quality violation?

Less Than Significant Impact. Based on the *L.A. CEQA Thresholds Guide*, a project may have a significant impact where project-related emissions would exceed federal, State, or regional standards or thresholds, or where project-related emissions would substantially contribute to an existing or projected air quality violation.

Construction Emissions

For purposes of analyzing impacts associated with air quality, this analysis assumes a construction schedule of approximately 34 months with buildout anticipated in 2020. This assumption is conservative and yields the maximum daily impacts. Construction activities associated with the Proposed Project would be undertaken in three main steps: (1) demolition/site clearing, (2) excavation, grading and foundations, and (3) building construction. The building construction phase includes the construction of the proposed buildings, connection of utilities to the buildings, paving, architectural coatings, and landscaping the Project Site. Construction activities would temporarily create emissions of dusts, fumes, equipment exhaust, and other air contaminants. Construction activities involving foundation preparation would primarily generate $PM_{2.5}$ and PM_{10} emissions. Mobile sources (such as diesel-fueled equipment onsite and traveling to and from the Project Site) would primarily generate NO_x emissions. The application of architectural coatings would primarily result in the release of ROG emissions. The amount of emissions generated on a daily basis would vary, depending on the amount and types of construction activities occurring at the same time. As required by CEQA and Environmental [Q] Condition C.24, the Proposed Project's construction emissions were quantified utilizing the California Emissions Estimator Model (CalEEMod *Version 2016.3.1*) as recommended by the SCAQMD. Table III-1, Estimated Peak Daily Construction Emissions, identifies the maximum daily emissions that are estimated to occur on peak construction days for each phase of Project construction. These calculations assume that appropriate dust control measures would be implemented as part of the Proposed Project during each phase of development, as required and regulated by SCAQMD. AQMD Rule 403 (Fugitive Dust Suppression) is required by law and is further imposed by Environmental [Q] Condition C.10 (Erosion/Grading/Short-term Construction Impacts) (see Section II., Project Description and the Regulatory Compliance Measures appended to the IS/MND Checklist). The calculations also assume compliance with SCAQMD Rule 1113 (Architectural Coatings) as required by law, that no fireplaces or woodstoves are proposed, and a total of 202 net new trees on site. As shown in Table III-1, construction-related daily emissions associated with the Proposed Project would not exceed any regional SCAQMD significance thresholds for criteria pollutants during the construction phases. Therefore, construction impacts are considered to be less than significant.

Operational Emissions

Air pollutant emissions are currently generated at the Project Site by the existing manufacturing facilities. These uses generate air pollutant emissions from stationary sources, such as space and water heating, architectural coatings (paint), and mobile vehicle traffic traveling to and from the Project Site. The

existing warehouse uses also generate diesel exhaust and associated toxic air contaminants from trucking and hauling activities. The average daily emissions generated by the existing uses at the Project Site have been estimated utilizing the California Emissions Estimator Model (CalEEMod *Version 2016.3.1*) recommended by the SCAQMD. As shown in Table III-2, motor vehicles are the primary source of air pollutant emissions associated with existing uses at the Project Site.

Similar to existing conditions, operational emissions generated by both stationary and mobile sources would result from normal day-to-day activities of the Proposed Project. Area source emissions would be generated by the consumption of natural gas and landscape maintenance. Mobile emissions would be generated by the motor vehicles traveling to and from the Project Site.

The Proposed Project's regional operational emissions are presented in Table III-3, Proposed Project Estimated Daily Operational Emissions. The calculations reflect above-average transit accessibility, higher than average density, and below market-rate housing, as reflected in the Project description. As shown, the Proposed Project's net operational emissions would not exceed the regional thresholds of significance set by the SCAQMD. Therefore, impacts associated with regional operational emissions from the Proposed Project would be less than significant.

Table III-1
Estimated Peak Daily Construction Emissions

Emission Source	Emissions in Pounds per Day (lb/day)					
	ROG	NO_x	CO	SO_2	PM_{10}	$PM_{2.5}$
Demolition						
On-Site Fugitive Dust	--	--	--	--	2.28	0.35
On-Site Off-Road (Diesel Equipment)	4.10	42.75	23.01	0.04	2.19	2.04
Off Site (Hauling, Vendor, Worker)	0.34	8.00	2.33	0.02	0.62	0.20
Total Emissions	***4.44***	***50.75***	***25.34***	***0.06***	***5.09***	***2.59***
SCAQMD Thresholds	**75**	**100**	**550**	**150**	**150**	**55**
Significant Impact?	**No**	**No**	**No**	**No**	**No**	**No**
Grading						
On-Site Fugitive Dust	--	--	--	--	2.81	1.50
On-Site Off-Road (Diesel Equipment)	5.24	51.31	28.11	0.05	2.88	2.68
Off Site (Hauling, Vendor, Worker)	2.75	11.71	21.46	0.06	4.63	1.32
Total Emissions	***7.99***	***63.02***	***49.57***	***0.11***	***10.32***	***5.50***
SCAQMD Thresholds	**75**	**100**	**550**	**150**	**150**	**55**
Significant Impact?	**No**	**No**	**No**	**No**	**No**	**No**
Building Construction Phase						
On-Site Off-Road Diesel Equipment	7.55	71.49	43.06	0.07	4.15	3.89
Off Site (Hauling, Vendor, Worker)	0.57	0.42	4.51	0.01	1.83	0.47
Total Emissions	***8.12***	***71.91***	***47.57***	***0.08***	***5.98***	***4.36***
SCAQMD Thresholds	**75**	**100**	**550**	**150**	**150**	**55**
Significant Impact?	**No**	**No**	**No**	**No**	**No**	**No**
Paving						
On-Site Off-Road (Diesel Equipment)	1.45	15.24	14.66	0.02	0.82	0.76
Off Site (Hauling, Vendor, Worker)	0.08	0.06	0.61	<0.01	0.17	0.05
Total Emissions	***1.53***	***15.30***	***15.27***	***0.02***	***0.99***	***0.81***
SCAQMD Thresholds	**75**	**100**	**550**	**150**	**150**	**55**
Significant Impact?	**No**	**No**	**No**	**No**	**No**	**No**
Architectural Coating						
On-Site Architectural Coating	38.67	--	--	--	--	--
On-Site Off-Road Diesel Equipment	4.60	47.41	23.90	0.04	2.52	2.33
Off-Site Hauling/Vendor/Worker Trips	0.10	0.07	0.73	<0.01	0.20	0.05
Total Emissions	***43.37***	***47.48***	***24.63***	***0.04***	***2.72***	***2.38***
SCAQMD Thresholds	**75**	**100**	**550**	**150**	**150**	**55**
Significant Impact?	**No**	**No**	**No**	**No**	**No**	**No**

Note: Calculations assume compliance with SCAQMD Rule 403 – Fugitive Dust and Rule 1113 – Architectural Coatings.
Calculation sheets are available in the subject case file.

Table III-2
Existing Daily Operational Emissions from the Project Site

Emissions Source	Emissions in Pounds per Day					
	ROG	NO_x	CO	SO_x	PM_{10}	$PM_{2.5}$
Summertime (Smog Season) Emissions						
Area	2.64	<0.01	0.01	0.00	<0.01	<0.01
Energy (Natural Gas)	0.06	0.58	0.48	<0.01	0.04	0.04
Mobile (Vehicles)	2.11	10.20	29.81	0.09	6.74	1.87
Total Baseline Emissions	***4.81***	***10.78***	***30.30***	***0.09***	***6.78***	***1.91***
Wintertime (Non-Smog Season) Emissions						
Area	2.64	<0.01	0.01	0.00	<0.01	<0.01
Energy (Natural Gas)	0.06	0.58	0.48	<0.01	0.04	0.04
Mobile (Vehicles)	2.02	10.50	27.85	0.08	6.74	1.87
Total Baseline Emissions	***4.72***	***11.08***	***28.34***	***0.08***	***6.78***	***1.91***

Note: Calculation worksheets are available in the subject case file.
Source: Parker Environmental Consultants, 2016.

Table III-3
Proposed Project Estimated Daily Operational Emissions

Emissions Source	Emissions in Pounds per Day					
	ROG	NO_x	CO	SO_x	PM_{10}	$PM_{2.5}$
Summertime (Smog Season) Emissions						
Area	12.34	0.36	30.84	<0.01	0.17	0.17
Energy (Natural Gas)	0.14	1.17	0.53	<0.01	0.09	0.09
Mobile (Vehicles)	5.80	26.27	59.77	0.18	13.22	3.67
Total Project Emissions	***18.28***	***27.80***	***91.14***	***0.18***	***13.48***	***3.93***
Less Existing Project Site Emissions	*-4.81*	*-10.78*	*-30.30*	*-0.09*	*-6.78*	*-1.91*
NET Project Emissions	***13.47***	***17.02***	***60.84***	***0.09***	***6.70***	***2.02***
SCAQMD Thresholds	**55**	**55**	**550**	**150**	**150**	**55**
Potentially Significant Impact?	**No**	**No**	**No**	**No**	**No**	**No**
Wintertime (Non-Smog Season) Emissions						
Area	12.34	0.36	30.84	<0.01	0.17	0.17
Energy (Natural Gas)	0.14	1.17	0.53	<0.01	0.09	0.09
Mobile (Vehicles)	5.52	26.61	57.74	0.17	13.22	3.68
Total Project Emissions	***18.00***	***28.14***	***89.11***	***0.17***	***13.48***	***3.94***
Less Existing Project Site Emissions	*-4.72*	*-11.08*	*-28.34*	*-0.08*	*-6.78*	*-1.91*
NET Project Emissions	***13.28***	***17.06***	***60.77***	***0.09***	***6.70***	***2.03***
SCAQMD Thresholds	**55**	**55**	**550**	**150**	**150**	**55**
Potentially Significant Impact?	**No**	**No**	**No**	**No**	**No**	**No**

Note: Calculation worksheets are available in the subject case file.
Source: Parker Environmental Consultants, 2016.

c) Would the project result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard (including releasing emissions, which exceed quantitative threshold for ozone precursors)?

Less Than Significant Impact. Based on the *L.A. CEQA Thresholds Guide*, a significant impact may occur if a project adds a considerable cumulative contribution to federal or State non-attainment pollutants. As the Basin is currently in State non-attainment for ozone, PM_{10}, and $PM_{2.5}$, related projects could exceed an air quality standard or contribute to an existing or projected air quality exceedance. In regards to determining the significance of the Project contribution, the SCAQMD neither recommends quantified analyses of construction and/or operational emissions from multiple development projects nor provides methodologies or thresholds of significance to be used to assess the cumulative emissions generated by multiple cumulative projects. Instead, the SCAQMD recommends that a project's potential contribution to cumulative impacts should be assessed utilizing the same significance criteria as those for project specific impacts. Furthermore, SCAQMD states that if an individual development project generates less than significant construction or operational emissions, then the development project would not generate a cumulatively considerable increase in emissions for those pollutants for which the Basin is in non-attainment.

As discussed under Question III(b) above, the Proposed Project would not generate construction or operational emissions that exceed the SCAQMD's recommended regional thresholds of significance. Therefore, the Proposed Project would not generate a cumulatively considerable increase in emissions of the pollutants for which the Basin is in non-attainment, and impacts would be less than significant.

d) Would the project expose sensitive receptors to substantial pollutant concentrations?

Less Than Significant Impact. Based on the *L.A. CEQA Thresholds Guide*, a significant impact may occur if a project were to generate pollutant concentrations to a degree that would significantly affect sensitive receptors. Sensitive receptors are populations that are more susceptible to the effects of air pollution than are the population at large. The SCAQMD identifies the following as sensitive receptors: long-term health care facilities, rehabilitation centers, convalescent centers, retirement homes, residences, schools, playgrounds, child care centers, and athletic facilities.[8]

Localized Significance Thresholds

The SCAQMD has developed localized significance thresholds (LSTs) that are based on the amount of pounds of emissions per day that can be generated by a project that would cause or contribute to adverse localized air quality impacts. These localized thresholds, which are found in the mass rate look-up tables

[8] *South Coast Air Quality Management District, CEQA Air Quality Handbook, 1993, page 5-1.*

in the "Final Localized Significance Threshold Methodology" document prepared by the SCAQMD,[9] apply to projects that are less than or equal to five acres in size and are only applicable to the following criteria pollutants: NO_x, CO, PM_{10}, and $PM_{2.5}$. LSTs represent the maximum emissions from a project that are not expected to cause or contribute to an exceedance of the most stringent applicable federal or State ambient air quality standards, and are developed based on the ambient concentrations of that pollutant for each SRA. For PM_{10}, the LSTs were derived based on requirements in SCAQMD Rule 403 — Fugitive Dust. For $PM_{2.5}$, the LSTs were derived based on a general ratio of $PM_{2.5}$ to PM_{10} for both fugitive dust and combustion emissions.

LSTs are provided for each of SCAQMD's 38 source receptor areas (SRA) at various distances from the source of emissions. The Project Site is located within SRA 1, which covers the Central Los Angeles County area. The nearest sensitive receptors that could potentially be subject to localized air quality impacts associated with construction of the Proposed Project include multi-family residences, single-family residences, and schools. Given the proximity of these sensitive receptors to the Project Site, the LSTs with receptors located within 25 meters (82.02 feet) are used to address the potential localized air quality impacts associated with the construction-related NO_x, CO, PM_{10}, and $PM_{2.5}$ emissions for each construction phase.

Localized Construction Emissions

Emissions from construction activities have the potential to generate localized emissions that may expose sensitive receptors to harmful pollutant concentrations, especially during the demolition and grading phases. The Project Site's lot area is approximately 5.03 acres. However, the Project proposes to demolish only portions of the Project Site and excavate at most up to 4 acres of the Project Site. Because the SCAQMD sets thresholds for 1-, 2-, and 5-acre sites, the localized thresholds for the Project Site were estimated using linear regression, which is suggested in the SCAQMD Final LST Document for project sites that are between 2 and 5 acres. As shown in Table III-4, Localized On-Site Peak Daily Construction Emissions, peak daily emissions generated within the Project Site during construction activities for each phase would not exceed the applicable construction LSTs for an approximate 4-acre site in SRA 1. These calculations assume that appropriate dust control measures would be implemented as part of the Proposed Project during each phase of development, as required by SCAQMD Rule 403 - Fugitive Dust and Environmental [Q] Conditions C.8 and C.10(a). Specific Rule 403 control requirements include, but are not limited to, applying water in sufficient quantities to prevent the generation of visible dust plumes, applying soil binders to uncovered areas, reestablishing ground cover as quickly as possible, utilizing a wheel washing system to remove bulk material from tires and vehicle undercarriages before vehicles exit the Project Site, and maintaining effective cover over exposed areas. Therefore, with implementation of the regulatory code compliance measures identified above, localized air quality impacts from construction activities to the off-site sensitive receptors would be less than significant.

---

[9] *South Coast Air Quality Management District, Final Localized Significance Threshold Methodology, June 2003, Revised July 2008.*

Table III-4
Localized On-Site Peak Daily Construction Emissions

Construction Phase	Total On-site Emissions (Pounds per Day)			
	NO_x [b]	CO	PM_{10}	$PM_{2.5}$
Demolition	42.75	23.01	4.48	2.39
Grading	51.31	28.11	5.69	4.19
Building Construction	71.49	43.06	4.15	3.89
Paving	15.24	14.66	0.82	0.76
Architectural Coatings	47.41	23.90	2.52	2.33
SCAQMD Localized Thresholds [a]	**143**	**1,590**	**13**	**7**
Potentially Significant Impact?	*No*	*No*	*No*	*No*

Notes:
[a] *The localized thresholds for all phases are based on a receptor within a distance of 82 feet (25 meters) in SCAQMD's SRA 1 for a Project Site of 4 acres. Thresholds for a 4-acre site were estimated using linear regression.*
[b] *The localized thresholds listed for NO_x takes into consideration the gradual conversion of NO_x to NO_2, and are provided in the mass rate look-up tables in the SCAQMD's "Final Localized Significance Threshold Methodology" guidance document. The analysis of localized air quality impacts associated with NO_x emissions is focused on NO_2 levels as they are associated with adverse health effects.*
Sources: SCAQMD, Final LST Methodology Document, Appendix C – Mass Rate LST Look-Up Tables, October 21, 2009; Sample Construction Scenarios for Projects Less than Five Acres in Size, Appendix K; and CalEEMod 2016.3.1, Calculation worksheets are included in the case file.

Localized Operational Emissions

With regard to localized emissions from motor vehicle travel, traffic congested roadways and intersections have the potential to generate localized high levels of carbon monoxide (CO). Historically, the SCAQMD has suggested conducting a CO hotspot analysis for any intersection where a project would worsen the Level of Service (LOS) to any level below C, and for any intersection rated D or worse where the project would increase the V/C ratio by two percent or more. Based on a review of the Project's Traffic Study, only one of the study intersections would meet these criteria; Pasadena Avenue / Avenue 26 & Daly Street. However, the Basin is currently in attainment for CO emissions and, based on existing ambient CO levels within the basin, the Proposed Project's mobile source emissions at this intersection would not exceed the 1-hour or 8-hour CO hotspot concentration threshold for creating a significant impact. This finding is consistent with the AQMD's 2003 AQMP, which modeled localized CO emissions at the four highest traffic volume intersections within the Basin and found the localized emissions to be well below the thresholds of significance for both the 1-hour and 8-hour thresholds. Thus since the total volume at the Pasadena Avenue / Avenue 26 & Daly Street intersection would not exceed the traffic volumes modeled at the four highest traveled intersections in the Basin, it can be concluded that the Proposed Project would not result in a significant localized CO Hotspot impact. Therefore, no further analysis for CO hotspots is warranted and localized operational emissions would be less than significant.

Toxic Air Contaminants (TAC)

Construction Emissions

The Proposed Project's construction activities would generate toxic air contaminants in the form of diesel particulate emissions associated with the use of heavy trucks and construction equipment. The SCAQMD has not published guidance directly related to quantitatively assessing health risk impacts associated with construction activities. The dose to which receptors are exposed is the primary factor used to determine health risk (i.e., potential exposure to TAC emission levels that exceed applicable standards). Dose is a function of the concentration of a substance or substances in the environment and the duration of exposure to the substances. Dose is positively correlated with time, meaning that a longer exposure period would result in a higher exposure level for the maximally exposed individual. Thus, the risks estimated for a maximally exposed individual are higher is a fixed exposure occurs over a long duration. For example, according to the Office of Environmental Health Hazard Assessment, estimating the cancer risk from toxic air contaminants should be based on a lifetime (i.e., 70-year) exposure period. The construction period would occur over an approximate 34-month period. Therefore, it is not meaningful to evaluate long-term cancer impacts from construction activities that occur over a relatively short duration. The Proposed Project would be required to comply with the CARB Air Toxics Control Measure that limits diesel powered equipment and vehicle idling to no more than 5 minutes at a location. In addition, as discussed above, the Proposed Project would not result in a localized significant impact. Therefore, the Proposed Project would result in a less than significant impact related to construction TACs.

Operational Emissions

The Proposed Project consists of a mixed-use development containing residential units, creative offices, and retail uses and would not support any land uses or activities that would involve the use, storage, or processing of carcinogenic or non-carcinogenic toxic air contaminants. As part of the Project, the existing warehouse uses, which are estimated to generate up to 400 trips per day, mostly consisting of large diesel-engine trucks, would be removed from service. As such no significant toxic airborne emissions would result from Proposed Project implementation. In addition, construction activities would be subject to the regulations and laws relating to toxic air pollutants at the regional, State, and federal level that would protect sensitive receptors from substantial concentrations of these emissions. Therefore, impacts associated with the release of toxic air contaminants would be less than significant.

e) Would the project create objectionable odors affecting a substantial number of people?

Less Than Significant Impact. A significant impact may occur if objectionable odors occur which would adversely impact sensitive receptors. Odors are typically associated with industrial projects involving the use of chemicals, solvents, petroleum products, and other strong-smelling elements used in manufacturing processes, as well as sewage treatment facilities and landfills. As the Proposed Project involves no elements related to these types of activities, no odors from these types of uses are anticipated. Garbage collection areas for the Project Site would have the potential to generate foul odors if the areas are located in close proximity to habitable areas. Objectionable odors from trash receptacles are addressed under Environmental [Q] Condition C.8, which requires trash receptacles be relocated at least 50-feet away from the property line of adjacent residential properties or within the walls of a covered concrete

block enclosure. Good housekeeping practices would be sufficient to prevent nuisance odors. In addition, SCAQMD Rule 402 (Nuisance), and SCAQMD Best Available Control Technology Guidelines would limit potential objectionable odor impacts during the Proposed Project's long-term operations phase. The proposed restaurant land uses would also be required to install odor-reducing equipment in accordance with SCAQMD Rule 1138.

Compliance with SCAQMD Rules 402 and 1138 and Environmental Condition C.8, described above, would ensure any potential objectionable odor impacts are less than significant.

Cumulative Impacts

Less Than Significant Impact. Development of the Proposed Project in conjunction with the related projects in the Project Site vicinity would result in an increase in construction and operational emissions in the already urbanized area of the City of Los Angeles.

Cumulative development can affect implementation of the 2012 AQMP. The 2012 AQMP was prepared to accommodate growth, reduce pollutants within the areas under SCAQMD jurisdiction, improve the overall air quality of the region, and minimize the impact on the economy. Growth considered to be consistent with the 2012 AQMP would not interfere with attainment because this growth is included in the projections utilized in the formulation of the AQMP. Consequently, as long as growth in the Basin is within the projections for growth identified by SCAG, implementation of the 2012 AQMP would not be obstructed by such growth and cumulative impacts would be less than significant. Since the Proposed Project is consistent with SCAG's growth projections, it would not have a cumulatively considerable contribution to an impact regarding a potential conflict with or obstruction of the implementation of the applicable air quality plan. Thus, cumulative impacts related to conformance with the 2012 AQMP would be less than significant.

Cumulative air quality impacts from construction and operation of the Proposed Project, based on SCAQMD guidelines, are analyzed in a manner similar to Project-specific air quality impacts. The SCAQMD recommends that a project's potential contribution to cumulative impacts should be assessed utilizing the same significance criteria as those for project specific impacts. Therefore, according to the SCAQMD, individual development projects that generate construction or operational emissions that exceed the SCAQMD recommended daily thresholds for project-specific impacts would also cause a cumulatively considerable increase in emissions for those pollutants for which the Basin is in non-attainment. Thus, as discussed in Question III(c) above, because the construction-related and operational daily emissions associated with Proposed Project would not exceed the SCAQMD's recommended thresholds, these emissions associated with the Proposed Project would not be cumulatively considerable. Therefore, cumulative air quality impacts would be less than significant.

With respect to cumulative odor impacts, potential sources that may emit odors during construction activities at each related project include the use of architectural coatings, solvents, and asphalt paving. SCAQMD Rule 1108 and 1113 limits the amount of volatile organic compounds from cutback asphalt and architectural coatings and solvents, respectively. Based on mandatory compliance with SCAQMD Rules, construction activities and materials used in the construction of the Proposed Project and related projects would not combine to create objectionable construction odors. With respect to operations,

SCAQMD Rules 402 (Nuisance) and Rule 1138 (Odor Reducing Equipment) would regulate any objectionable odor impacts from the related projects and the Proposed Project's long-term operations phase. Thus, cumulative odor impacts would be less than significant.

IV. BIOLOGICAL RESOURCES

a) Would the project have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulation, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?

Potentially Significant Unless Mitigation Incorporated. Based upon the criteria established in the *L.A. CEQA Thresholds Guide*, a project would normally have a significant impact on biological resources if it could result in: (a) the loss of individuals, or the reduction of existing habitat, of a state or federal listed endangered, threatened, rare, protected, candidate, or sensitive species or a Species of Special Concern; (b) the loss of individuals or the reduction of existing habitat of a locally designated species or a reduction in a locally designated natural habitat or plant community; or (c) interference with habitat such that normal species behaviors are disturbed (e.g., from the introduction of noise or light) to a degree that may diminish the chances for long-term survival of a sensitive species. The Project Site is improved with four light manufacturing and warehouse buildings, paved loading areas, and surface parking.

Based on the information presented in the Protected Tree Report, there are thirty-nine trees on site that are eight inches or greater in diameter at breast height (significant trees). All of the trees on-site are non-native and are non-protected tree species under the Native Protected Tree Ordinance. The trees identified on site include twenty-six Canary Island Pine trees, four Olive trees, three Silver Dollar Eucalyptus trees, three Fan Palm trees, two Evergreen Ash trees, and one Chinese Elm tree. Development of the Project would require the removal of all existing trees and potentially up to three street trees. With the compliance with Mitigation Measure MM-BIO-1, below, the Project would be required to plant replacement trees at a ratio of 1 to 1 (this replacement ratio may be increased at the discretion of the City's Urban Forestry Division). Further, the Proposed Project would be required to comply with the Federal Migratory Bird Treaty Act (MBTA) of 1918 (50 C.F.R Section 10.13). Sections 3503, 3503.5 and 3513 of the California Fish and Game Code prohibit take of all birds and their active nests including raptors and other migratory non-game birds (as listed under the Federal MBTA).

The Project Site does not contain any critical habitat or support any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service. No protected tree species exist on site. However, nesting birds may reside in the thirty-nine tress on-site; for this reason, the Proposed Project would incorporate Mitigation Measure MM-BIO-2, below.

The Proposed Project would incorporate Mitigation Measures MM-BIO-1 and MM-BIO-2, below to ensure that the removal of the thirty-nine non-protected trees on site would result in less than significant impact. With compliance with the following mitigation measures, the Proposed Project would result in a less than significant impact.

Mitigation Measures:

MM-BIO-1 (Tree Removal (Non-Protected Trees)):

- Prior to the issuance of any permit, a plot plan shall be prepared indicating the location, size, type, and general condition of all existing trees on the site and within the adjacent public right(s)-of-way.
- All significant (8-inch or greater trunk diameter, or cumulative trunk diameter if multi-trunked, as measured 54 inches above the ground) non-protected trees on the site proposed for removal shall be replaced at a 1:1 ratio with a minimum 24-inch box tree. Net, new trees, located within the parkway of the adjacent public right(s)-of-way, may be counted toward replacement tree requirements.
- Removal or planting of any tree in the public right-of-way requires approval of the Board of Public Works. Contact Urban Forestry Division at: 213-847-3077. All trees in the public right-of-way shall be provided per the current standards of the Urban Forestry Division the Department of Public Works, Bureau of Street Services.

MM-BIO-2 (Habitat Modification (Nesting Native Birds)):

- Proposed project activities (including disturbances to native and non-native vegetation, structures and substrates) should take place outside of the breeding bird season which generally runs from March 1- August 31 (as early as February 1 for raptors) to avoid take (including disturbances which would cause abandonment of active nests containing eggs and/or young). Take means to hunt, pursue, catch, capture, or kill, or attempt to hunt, pursue, catch, capture of kill (Fish and Game Code Section 86).
- If project activities cannot feasibly avoid the breeding bird season, beginning thirty days prior to the disturbance of suitable nesting habitat, the applicant shall:
    - Arrange for weekly bird surveys to detect any protected native birds in the habitat to be removed and any other such habitat within 300 feet of the construction work area (within 500 feet for raptors) as access to adjacent areas allows. The surveys shall be conducted by a Qualified Biologist with experience in conducting breeding bird surveys. The surveys shall continue on a weekly basis with the last survey being conducted no more than 3 days prior to the initiation of clearance/construction work.
    - If a protected native bird is found, the applicant shall delay all clearance/construction disturbance activities within 300 feet of suitable nesting habitat for the observed protected bird species (within 500 feet for suitable raptor nesting habitat) until August 31.
    - Alternatively, the Qualified Biologist could continue the surveys in order to locate any nests. If an active nest is located, clearing and construction within 300 feet of the nest (within 500 feet for raptor nests) or as determined by a qualified biological monitor, shall be postponed until the nest is vacated and juveniles have fledged and when there is no evidence of a second attempt at nesting. The buffer zone from the nest shall be established in the field with flagging and stakes. Construction personnel shall be instructed on the sensitivity of the area.
    - The applicant shall record the results of the recommended protective measures described above to document compliance with applicable State and Federal laws pertaining to the

protection of native birds. Such record shall be submitted and received into the case file for the associated discretionary action permitting the project.

b) Would the project have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, and regulations or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?

No Impact. Based upon the criteria established in the *L.A. CEQA Thresholds Guide*, a project would normally have a significant impact on biological resources if it could result in: (a) the loss of individuals, or the reduction of existing habitat, of a state or federal listed endangered, threatened, rare, protected, candidate, or sensitive species or a Species of Special Concern; (b) the loss of individuals or the reduction of existing habitat of a locally designated species or a reduction in a locally designated natural habitat or plant community; (c) the alternation of an existing wetland habitat; or (d) interference with habitat such that normal species behaviors are disturbed (e.g., from the introduction of noise, light) to a degree that may diminish the chances for long-term survival of a sensitive species. The Project Site is occupied by four light manufacturing and warehouse buildings and contains paved loading areas and surface parking. The Drainage Report (February 2, 2016, Forma Engineering, Inc.; available in the case file for review) determines that the Project Site is nearly one-hundred percent impervious and no natural waterways exist on site. The Protected Tree Report (January 11, 2016, The Tree Resource) determined that all significant trees located on site are non-protected, non-native tree species. No riparian or other sensitive natural vegetation communities are located on or adjacent to the Project Site. Therefore, implementation of the Proposed Project would not result in any adverse impacts to riparian habitat or other sensitive natural communities, and no impact would occur.

c) Would the project have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?

No Impact. Based upon the criteria established in the *L.A. CEQA Thresholds Guide*, a project would normally have a significant impact on biological resources if it could result in the alteration of an existing wetland habitat. As discussed above, the Project Site is entirely developed with impermeable surfaces and does not contain any wetlands or natural drainage channels. Therefore, the Project Site does not support any riparian or wetland habitat, as defined by Section 404 of the Clean Water Act (see Section 4(b), above), and no impacts to riparian or wetland habitats would occur with implementation of the Proposed Project.

d) Would the project interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?

No Impact. Based upon the criteria established in the *L.A. CEQA Thresholds Guide*, a project would normally result in a significant impact on biological resources if it results in the interference with wildlife movement/migration corridors that may diminish the chances for long-term survival of a sensitive species. The Project Site is located in an urbanized area of the City of Los Angeles. Due to the urbanized surroundings, there are no wildlife corridors or native wildlife nursery sites in the Project vicinity. Thus,

the Proposed Project would not interfere with the movement of any residents or migratory fish or wildlife. Therefore, no impact would occur.

e) Would the project conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance (e.g., oak trees or California walnut woodlands)?

Potentially Significant Unless Mitigation Incorporated. Based upon the criteria established in the *L.A. CEQA Thresholds Guide*, a project-related significant adverse effect could occur if a project were to cause an impact that is inconsistent with local regulations pertaining to biological resources, such as the City of Los Angeles Protected Tree Ordinance, 177,404. The Project Site is improved with four light manufacturing and warehouse buildings, paved loading areas, and parking areas. There are no protected tree species located on the Project Site. Therefore, the Proposed Project would not have the potential to conflict with the City of Los Angeles Protected Tree Ordinance. However, it is anticipated that all 39 trees on-site would be removed during the construction of the Proposed Project. Further, the Proposed Project may require the removal of three street trees along Pasadena Avenue. In the event that the construction of the Proposed Project would require the removal of street trees, the removal of street trees is subject to the approval and tree replacement conditions set forth by the Board of Public Works, Urban Forestry Division. Further, the Project would be required to comply with the Federal Migratory Bird Treaty Act and Sections 3503, 3503.5, and 3513 of the California Fish and Game Code, which prohibits take of all birds and their active nests including raptors and other migratory non-game birds. Compliance with MM-BIO-1 and MM-BIO-2, above, would ensure that impacts upon the loss of on-site trees and street trees would be less than significant.

f) Would the project conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?

No Impact. A significant impact would occur if the Proposed Project would be inconsistent with maps or policies in any conservation plans of the types cited. The Project Site and its vicinity are not part of any draft or adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional or state habitat conservation plan. Therefore, no impact would occur with implementation of the Proposed Project.

Cumulative Impacts

Less Than Significant Impact. The Proposed Project would have a less than significant impact upon biological resources with mitigation. Development of the Proposed Project in combination with the three related projects would not significantly impact wildlife corridors or habitat for any candidate, sensitive, or special status species identified in local plans, policies, or regulations, or by the CDFG or the USFWS. No such habitat occurs in the vicinity of the Project Site or related projects due to the existing urban development. Development of any of the related projects would be subject to the City of Los Angeles Protected Tree Ordinance, Federal Migratory Bird Treaty Act, and Sections 3503, 3503.5, and 3513 of the California Fish and Game Code. Thus, cumulative impacts to biological resources would be considered less than significant.

V. CULTURAL RESOURCES

a) Would the project cause a substantial adverse change in the significance of an historic resource pursuant to CEQA § 15064.5?

Less Than Significant Impact. Based upon the criteria established in the *L.A. CEQA Thresholds Guide*, a significant impact may occur if the Proposed Project results in a substantial adverse change in the significance of a historic resource. Section 15064.5 of the State CEQA Guidelines defines a historical resource as: (1) a resource listed in or determined to be eligible by the State Historical Resources Commission for listing in the California Register of Historical Resources; (2) a resource listed in a local register of historical resources or identified as significant in an historical resource survey meeting certain State guidelines; or (3) an object, building, structure, site, area, place, record, or manuscript which a lead agency determines to be significant in the architectural, engineering, scientific, economic, agricultural, educational, social, political, military, or cultural annals of California, provided that the lead agency's determination is supported by substantial evidence in light of the whole record. A substantial adverse change in the significance of a historic resource means demolition, destruction, relocation, or alteration of the resource or its immediate surroundings such that the significance of a historical resource would be materially impaired.[10]

The Project Site is currently developed with four light manufacturing and warehouse buildings and paved loading areas and surface parking. These four buildings include:

1. One 24,018 square foot light manufacturing facility building, which fronts the west side of Pasadena Avenue, constructed circa 1967;
2. One 3,521 square foot light manufacturing facility building, located on the southwest corner of the Project Site, constructed circa 1929;
3. One 4,033 square foot light manufacturing facility building, located on the southeast corner of the Project Site, constructed circa 1948; and
4. One 86,712 square foot warehouse facility building, which fronts the north side of Avenue 34, constructed circa 1977.

The City of Los Angeles Department of City Planning, Los Angeles Historic Resources Inventory and Survey LA, had reviewed the buildings on-site and identified the 3,521 square foot light manufacturing building located at 153 W. Avenue 34 for further review. The Los Angeles Historic Resources Inventory and Survey LA determined that, upon further review, this building does not meet the eligibility standards for historic listing, due to alterations to the façade windows and entrance.[11] Nevertheless, as part of the Proposed Project, the Project includes the rehabilitation and adaptive reuse of a portion the

---

[10] *CEQA Guidelines, Section 15064.5(b)(1).*

[11] *City of Los Angeles Department of City Planning, Los Angeles Historic Resources Inventory, 153 W. Avenue 34 Historic Resource Report, website: http://www.historicplacesla.org/reports/aeef3669-d0cc-4703-9e2b-c9e78de172a3, accessed: February 2016.*

aforementioned building (No. 2 listed above) and 7,963 square feet of the building that fronts Pasadena Avenue (No. 1 listed above).

As the Project Site does not contain any historic or potentially historic resources, the Proposed Project would result in a less than significant impact to historic resources.

b) Would the project cause a substantial adverse change in the significance of an archaeological resource pursuant to CEQA § 15064.5?

Less Than Significant Impact. Based upon the criteria established in the *L.A. CEQA Thresholds Guide*, a significant impact may occur if grading or excavation activities associated with the Proposed Project would disturb archaeological resources. No known archaeological sites are identified on the Project Site. There is no evidence that suggests any archaeological sites or archaeological resources exist on the Project Site. The Project Site has been previously developed and is located in an urbanized area within the City of Los Angeles. The Proposed Project would include excavation to a depth of approximately 15 feet below grade to construct a one level subterranean parking garage. Thus, the potential exists for the accidental discovery of unknown and unrecorded archaeological materials. In the unlikely event any archaeological resources are encountered during the construction phase, the discovery of such materials would be mitigated to less than significant levels through compliance with the following applicable regulatory compliance measure:

- **(Archaeological):** If archaeological resources are discovered during excavation, grading, or construction activities, work shall cease in the area of the find until a qualified archaeologist has evaluated the find in accordance with federal, State, and local guidelines, including those set forth in California Public Resources Code Section 21083.2. Personnel of the proposed Modified Project shall not collect or move any archaeological materials and associated materials. Construction activity may continue unimpeded on other portions of the Project site. The found deposits would be treated in accordance with federal, State, and local guidelines, including those set forth in California Public Resources Code Section 21083.2.

Due to the absence of any known archeological resources, no mitigation measures are warranted. Because the presence or absence of such materials cannot be determined until the Project Site is excavated, compliance with the regulatory compliance measure above would ensure that if any archaeological resources are encountered during construction, impacts to such resources would be mitigated to a less than significant level.

c) Would the project directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?

Less Than Significant Impact. Based upon the criteria established in the *L.A. CEQA Thresholds Guide*, a significant impact may occur if grading or excavation activities associated with the Proposed Project were to disturb paleontological resources or geologic features which presently exist within the Project Site. As discussed above, the Project Site has been developed since the early 1900s. In the late 1970s, the

Project Site was developed into its current layout. The Project Site and immediate surrounding areas do not contain any known vertebrate paleontological resources.[12] Although no paleontological resources are known to exist on-site, there is a potential for paleontological resources to exist at sub-surface levels on the Project Site, which may be uncovered during excavation of the proposed parking garage. Implementation of the regulatory compliance measure, identified below, would ensure that if any such resources are found during construction of the Proposed Project, they would be handled according to the proper regulations and any potential impacts would be reduced to less than significant levels.

Regulatory Compliance Measure:

- **(Paleontological)**: If paleontological resources are discovered during excavation, grading, or construction, the City of Los Angeles Department of Building and Safety shall be notified immediately, and all work shall cease in the area of the find until a qualified paleontologist evaluates the find. Construction activity may continue unimpeded on other portions of the Project site. The paleontologist shall determine the location, the time frame, and the extent to which any monitoring of earthmoving activities shall be required. The found deposits would be treated in accordance with federal, State, and local guidelines, including those set forth in California Public Resources Code Section 21083.2.

d) Would the project disturb any human remains, including those interred outside of formal cemeteries?

Less Than Significant Impact. Based upon the criteria established in the *L.A. CEQA Thresholds Guide*, a project-related significant adverse effect could occur if grading or excavation activities associated with the proposed project would disturb previously interred human remains. No known human burials have been identified on the Project Site or its vicinity. However, it is possible that unknown human remains could occur on the Project Site, and if proper care is not taken during construction, damage to or destruction of these unknown remains could occur. The following regulatory compliance measure would ensure potential impacts related to the disturbance of unknown human remains are less than significant.

Regulatory Compliance Measure:

- **(Human Remains):** If human remains are encountered unexpectedly during construction demolition and/or grading activities, State Health and Safety Code Section 7050.5 requires that no further disturbance shall occur until the County Coroner has made the necessary findings as to origin and disposition pursuant to California Public Resources Code (PRC) Section 5097.98. In the event that human remains are discovered during excavation activities, the following procedure shall be observed:
    - Stop immediately and contact the County Coroner:

[12] *City of Los Angeles Department of City Planning, Environmental and Public Facilities Maps: Vertebrate Paleontological Resources in the City of Los Angeles, September 1996.*

1104 N. Mission Road
Los Angeles, CA 90033
323-343-0512 (8 a.m. to 5 p.m. Monday through Friday) or
323-343-0714 (After Hours, Saturday, Sunday, and Holidays)

- If the remains are determined to be of Native American descent, the Coroner has 24 hours to notify the Native American Heritage Commission (NAHC).
- The NAHC will immediately notify the person it believes to be the most likely descendent of the deceased Native American.
- The most likely descendent has 48 hours to make recommendations to the owner, or representative, for the treatment or disposition, with proper dignity, of the human remains and grave goods.
- If the owner does not accept the descendant's recommendations, the owner or the descendent may request mediation by the NAHC.

e) Cause a substantial adverse change in the significance of a site, feature, place, cultural landscape, sacred place, or object with cultural value to a California Native American Tribe that is listed or determined eligible for listing on the California register of historical resources, listed on a local historical register, or otherwise determined by the lead agency to be a tribal cultural resource?

Less Than Significant Impact. Pursuant to AB 52, the Department of City Planning sent pre-consultation request letters on May 25, 2016 to the recognized Native American Tribal Representatives within the Los Angeles region. The City of Los Angeles did not receive any responses. Therefore, because the Project Site has been subject to ground disturbance activities in the past and is not known to be associated with any cultural or sacred sites, and no Native American Tribal Representatives have requested consultation, the probability for the discovery of a known site, feature, place, cultural landscape, sacred place, or object with cultural value to a California Native American Tribe is considered low. Thus, in the absence of any known cultural resources, adherence to the regulatory compliance measures relating to archeological, paleontological, and human remains (referenced above), would ensure impacts associated with the accidental discovery of any archaeological resources or human remains, including Native American resources would be avoided or reduced to less than significant levels.

Cumulative Impacts

Less Than Significant Impact. Development of the Proposed Project, in combination with the other three related projects in the Project Site vicinity, would result in the continued redevelopment and revitalization of the surrounding area. Impacts to cultural resources tend to be site-specific and are assessed on a site-by-site basis. The analysis of the Proposed Project's impacts to cultural resources concluded that the Proposed Project would have no significant impacts with respect to cultural resources following appropriate regulatory compliance measures. Therefore, the Proposed Project's incremental contribution to a cumulative impact would not be considerable, and cumulative impacts to cultural resources would be less than significant.

VI. GEOLOGY AND SOILS

The following section summarizes and incorporates the reference information from the Geotechnical Investigation prepared by Geocon West, Inc.: Geotechnical Investigation: Proposed Mixed-Use Residential Development, 141 West Avenue 34, Los Angeles, California, dated July 23, 2015 ("Geotechnical Investigation") and the City of Los Angeles Department of Building and Safety's Soils Report Approval Letter, dated January 26, 2016 ("Soils Approval Letter"). The Project Geotechnical Investigation and Soils Approval Letter are included in the case file.

a) Would the project expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.

Less Than Significant Impact. Based upon the criteria established in the *L.A. CEQA Thresholds Guide*, a significant impact may occur if a project site is located within a State-designated Alquist-Priolo Zone or other designated fault zone.

The Project Site is located within the former Arroyo Seco streambed and within the central portion of the Los Angeles Basin. The Los Angeles Basin, located in the northern portion of the Peninsular Ranges geomorphic province, is northwest-trending alleviated lowland plain, sometimes called the Coastal Plain of Los Angeles. The prominent structural features within the Los Angeles Basin include the central lowland plain, the uplifted Palos Verdes Hills, the northwest-trending line of low hills and mesas within the Newhall-Inglewood Fault Zone.

Geocon performed six borings (identified as B1-B6) as part of their field investigation. Based on the information contained in the Geotechnical Investigation by Geocon West, Inc., the Project Site is underlain by artificial fill and Holocene age alluvial fan deposits consisting of varying amounts of unconsolidated gravel, sand and silt. The artificial fill was encountered to a maximum depth of two feet below the ground surface, except in Boring B3. Artificial fill was locally encountered in Boring B3 to a maximum depth of 30 feet below the ground surface. The artificial fill generally consists of light brown to dark brown, fine- to coarse-grained silty sand and sandy clay. The artificial fill is characterized as slightly moist to moist and medium dense to dense or firm. The alluvial fan deposits underlays the artificial fill. The alluvial deposits consistent of primarily light brown to brown poorly graded sand with varying amounts of gravel and cobbles. The gravel and cobbles were observed to vary both laterally and vertically within the alluvial deposits. The alluvial soils are primarily slightly moist and medium dense to very dense and generally become denser with increase in depth. A detailed description of the soil conditions may be obtained from the individual logs of the subsurface excavations in the Geotechnical Investigation.

The closest active fault to the Project Site is the Raymond Fault located 1.8 miles north of the Project Site. Other nearby active faults are the Hollywood Fault, the Verdugo Fault, the Sierra Madre Fault, and the Newport-Inglewood Fault Zone located 3.2 miles north northwest, 3.9 miles north, 8.8 miles north, and 10.5 miles southwest of the Project Site, respectively. The active San Andreas Fault Zone is located approximately 30 miles northeast of the Project Site. The closest potentially active faults to the Project

Site are the Coyote Pass Fault and Macarthur Park Fault located approximately 3.4 miles to the south and 3.6 miles southwest of the Project Site, respectively.

Several buried thrust faults, commonly referred to as blind thrusts, underlie the Los Angeles Basin at depth. These faults are not exposed at the ground surface and are typically identified at depths greater than 3.0 kilometers. The October 1, 1987 Whittier Narrows earthquake and the January 17, 1994 Northridge earthquake were a result of movement on the Puente Hills Blind Thrust and the Northridge Thrust, respectively. The Project Site is within the vertical projection of both the Los Angeles Segment of the Puente Hills Blind Thrust and the Upper Elysian Park Blind Thrust. These thrust faults are not exposed at the surface and do not present a potential surface fault rupture hazard; however, these are active features capable of generating future earthquakes that would result in strong ground shaking at the Project Site.

The Project Site is not within a currently established Alquist-Priolo Earthquake Fault Zone for surface fault rupture hazards. No active or potentially active faults with the potential for surface fault rupture are known to pass directly beneath the Project Site. Therefore, the potential for surface rupture due to faulting occurring beneath the Project Site during the design life of the proposed development is considered low. However, the Project Site is located in the seismically active Southern California region, and could be subjected to moderate to strong ground shaking in the event of an earthquake on one of the many active Southern California faults.

Based on the conclusions of the Geotechnical Investigation, the potential for surface ground rupture at the Project Site is considered remote, and the potential for impacts associated with surface fault rupture would be considered less than significant. As required by law and Environmental [Q] Condition C.9, the Project would adhere to current engineering standards, the seismic safety requirements set forth in the City of Los Angeles Building Code (LABC) and the Los Angeles Municipal Code (LAMC), and design recommendations set forth in the Geotechnical Investigation so that the proposed structures may withstand typical seismic ground shaking. In addition, geologic and geotechnical evaluations of the proposed Project would follow the guidelines presented in CGS *Special Publication 117, Guidelines for Evaluating and Mitigating Seismic Hazards in California,* which provides guidance for evaluation and mitigation of earthquake-related hazards (other than fault rupture). Thus, impacts related to strong seismic shaking would be reduced to less than significant levels. Potential impacts associated with seismic safety would be further reduced to less than significant levels with incorporation of the following regulatory compliance measure:

- **(Seismic and Geotechnical Safety):** The project shall comply with the conditions contained within the Department of Building and Safety's Geology and Soils Report Approval Letter (dated January 26, 2016) and Project's Geotechnical Investigation prepared by Geocon West, Inc. (dated July 23, 2015), and as it may be subsequently amended or modified.

b) Would the project expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving strong seismic ground shaking?

Less Than Significant Impact. Based upon the criteria established in the *L.A. CEQA Thresholds Guide*, a significant impact may occur if a project represents an increased risk to public safety or destruction of property by exposing people, property, or infrastructure to seismically induced ground shaking hazards

that are greater than the average risk associated with other locations in Southern California. The Project Site is located in the seismically active Southern California region, and could be subjected to moderate to strong ground shaking in the event of an earthquake on one of the many active Southern California faults. The intensity of ground shaking depends upon the earthquake magnitude, the distance from the source, and the site response characteristics. The primary seismic hazard for the Proposed Project is the potential for strong ground motion from future earthquakes within the Los Angeles Basin. However, this hazard and the effects of ground shaking are common in Southern California. Conformance with current building codes and engineering practices during the Project's design and construction would mitigate the potential effects of ground shaking. Accordingly, the Geotechnical Investigation establishes seismic design criteria.

Seismically induced settlement is often caused when loose to medium-dense granular soils are densified during ground shaking. Settlement of the foundation system is expected to occur on initial application of loading. Differential settlement is not expected to exceed one half inch over a distance of 20 feet. Seismically induced settlement is considered to be less than significant impact. The Project Site is considered suitable for the construction of the Proposed Project provided that the recommendations specified in the Geotechnical Investigation are included in the design and construction of the Proposed Project to the satisfaction of the Department of Building and Safety. Accordingly, compliance with Environmental [Q] Condition C.9 and the regulatory compliance measure pertaining to seismic and geotechnical safety, above, would ensure impacts associated with seismic hazards are reduced to a less than significant level.

c) Would the project expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving seismic-related ground failure, including liquefaction?

Less Than Significant Impact. Based upon the criteria established in the *L.A. CEQA Thresholds Guide*, a significant impact may occur if a Project Site is located within a liquefaction zone. Liquefaction is a phenomenon in which loose, saturated, relatively cohesionless soil deposits lose shear strength during strong ground motions. Primary factors controlling liquefaction include intensity and duration of ground motion, gradation characteristics of the subsurface soils, in-situ stress conditions, and the depth to groundwater. Liquefaction is typified by a loss of shear strength in the liquefied layers due to rapid increases in pore water pressure generated by earthquake accelerations. Liquefaction typically occurs in areas where the soils below the water table are composed of poorly consolidated, fine to medium-grained, primarily sandy soil.

Based on the State of California Seismic Hazards Map for the Los Angeles 7½-Minute Quadrangle and the City of Los Angeles General Plan Safety Element, the Project Site is located in an area designated as "liquefiable." Pursuant to Environmental [Q] Condition C.11, Geocon performed a liquefaction analysis of the soil underlying the Project Site to assess potential consequences of any liquefaction and soil strength loss, estimation of settlement, lateral movement or reduction in foundation soil-bearing capacity. A liquefaction analysis was performed for a design level earthquake by using a historic high groundwater table of 20 feet below the ground surface, a magnitude of 6.63 earthquake, and a peak horizontal acceleration of 0.698g. A liquefaction analysis was also performed for a maximum considered earthquake by using a historic high groundwater table of 20 feet below the ground surface, a magnitude 6.62 earthquake, and a peak horizontal acceleration of 1.047g. Geocon concluded that the alluvial soils below

the historic high groundwater level would not be susceptible to liquefaction settlement during a design level earthquake ground motion and a maximum considered earthquake.

In compliance with Environmental [Q] Condition C.11, the Proposed Project would adhere to current engineering standards, the seismic safety requirements set forth in the City of Los Angeles Building Code (LABC) and the Los Angeles Municipal Code (LAMC), and design recommendations set forth in the Geotechnical Investigation. Therefore, potential impacts related to liquefaction would be less than significant.

d) Would the project expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving landslides?

No Impact. Based upon the criteria established in the *L.A. CEQA Thresholds Guide*, a project would normally have a significant geologic hazard impact if it would cause or accelerate geologic hazards which would result in substantial damage to structures or infrastructure, or expose people to substantial risk of injury. A project-related significant adverse effect may occur if a project is located in a hillside area with soil conditions that would suggest a high potential for sliding. According to the Geotechnical Investigation, the Project Site is not located within a City of Los Angeles Hillside Grading Area or Hillside Ordinance Area. The City of Los Angeles General Plan Safety Element further indicates that the Project Site is not located in an area susceptible to landslides.[13] The Project Site is not within an area identified as having a potential for seismic slope instability. There are no known landslides near the Project Site, nor is the Project Site in the path of any known or potential landslides. Therefore, the potential for slope stability hazards to adversely affect the proposed development is considered low. Therefore, no impact would occur.

e) Would the project result in substantial soil erosion or the loss of topsoil?

Less Than Significant Impact. Based upon the criteria established in the *L.A. CEQA Thresholds Guide*, a project would normally have significant sedimentation or erosion impact if it would: (a) constitute a geologic hazard to other properties by causing or accelerating instability from erosion; or (b) accelerate natural processes of wind and water erosion and sedimentation, resulting in sediment runoff or deposition which would not be contained or controlled on-site. Although development of the Proposed Project has the potential to result in the erosion of soils during site preparation and construction activities, erosion would be reduced by implementation of stringent erosion controls imposed by the City of Los Angeles through grading and building permit regulations. Minor amounts of erosion and siltation could occur during grading. The potential for soil erosion during the ongoing operation of the Proposed Project is extremely low due to the generally level topography of the Project Site, and the fact that the Project Site would be mostly paved-over or built upon so little soil would be exposed. All grading activities require grading permits from the Department of Building and Safety, which include requirements and standards designed to limit potential impacts to acceptable levels. In addition, all on-site grading and site preparation would comply with applicable provisions of Chapter IX, Division 70 of the LAMC, which

[13] *City of Los Angeles Department of City Planning, Safety Element of the Los Angeles City General Plan, Exhibit C: Landslide Inventory & Hillside Areas In the City of Los Angeles, June 1994.*

addresses grading, excavations, and fills. Additionally, implementation of the regulatory compliance measure, below, would further ensure a less-than-significant impact would occur with respect to erosion or loss of topsoil.

Regulatory Compliance Measure:

- **(Erosion/Grading/Short-Term Construction Impacts):** Chapter IX, Division 70 of the Los Angeles Municipal Code addresses grading, excavations, and fills. All grading activities require grading permits from the Department of Building and Safety. Additional provisions are required for grading activities within Hillside areas. The application of BMPs includes but is not limited to the following mitigation measures:
  - Excavation and grading activities should be scheduled during dry weather periods. If grading occurs during the rainy season (October 15 through April 1), diversion dikes shall be constructed to channel runoff around the site. Channels shall be lined with grass or roughened pavement to reduce runoff velocity.
  - Stockpiles, excavated, and exposed soil shall be covered with secured tarps, plastic sheeting, erosion control fabrics, or treated with a bio-degradable soil stabilizer.

f) Would the project be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?

Less Than Significant Impact. Based upon the criteria established in the *L.A. CEQA Thresholds Guide*, a project would normally have a significant geologic hazard impact if it could cause or accelerate geologic hazards causing substantial damage to structures or infrastructure, or expose people to substantial risk of injury. A significant impact may occur if the Proposed Project is built in an unstable area without proper site preparation or design features to provide adequate foundations for buildings, thus posing a hazard to life and property. The Geotechnical Investigation concluded that the potential for seismically induced settlement at the Project Site is considered small, and the geotechnical conditions are favorable for the Proposed Project provided that the recommendations specified in the Geotechnical Investigation are included in the design and construction of the Proposed Project to the satisfaction of the Department of Building and Safety. The Geotechnical Investigation finds that the Project Site is not located within an area that is susceptible to landslides and subsidence. Further, the Geotechnical Investigation finds that although the Project Site is located within an area identified as "liquefiable," the soils on the Project Site would not be susceptible to liquefaction settlement during a design level earthquake ground motion and a maximum considered earthquake. The Proposed Project would comply with the Los Angeles Building Code as entitled and in accordance with the conditions contained within the Department of Building and Safety's Geology and Soils Report Approval Letter for the Proposed Project.

The Proposed Project includes the development of a creative campus with multi-family residential units, creative office space, and retail/restaurant space. No large-scale extraction of groundwater, gas, oil, or geothermal energy is occurring or is planned to occur with the development of the Proposed Project or in the general Project Site vicinity. The Proposed Project would not create unstable geologic conditions on or off site, and the Project impacts would be less than significant.

g) Would the project be located on expansive soil, as identified in Table 18-1-B of the Uniform Building Code (1994), creating substantial risks to life or property?

No Impact. Based upon the criteria established in the *L.A. CEQA Thresholds Guide*, a project would normally have a significant geologic hazard impact if it would cause or accelerate geologic hazards, which would result in substantial damage to structures or infrastructure, or expose people to substantial risk of injury. A significant impact may occur if the Proposed Project is built on expansive soils without proper site preparation or design features to provide adequate foundations for buildings, thus posing a hazard to life and property. Based on the results of the Geotechnical Investigation, the soils at the Project Site are considered to have a "very low" expansive potential and are classified as "non-expansive" in accordance with the 2013 California Building Code Section 1803.5.3. Therefore, no impact would occur with respect to expansive soils.

h) Would the project have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater?

No Impact. This question would apply to the Proposed Project only if it was located in an area not served by an existing sewer system. The Project Site is located in a developed area within the City of Los Angeles, which is served by a wastewater collection, conveyance and treatment system operated by the City of Los Angeles. No septic tanks or alternative disposal systems neither are necessary, nor are they proposed. Thus, no impact would occur.

Cumulative Impacts

Less Than Significant Impact. Geotechnical hazards are site-specific and there is little, if any, cumulative geological relationship between the Proposed Project and any of the three related projects. Similar to the Proposed Project, potential impacts related to geology and soils would be assessed on a case-by-case basis and, if necessary, the applicants of the related projects would be required to implement the appropriate mitigation measures. Furthermore, the analysis of the Proposed Project's geology and soils impacts concluded that, through adherence with the regulatory compliance measures listed above, Proposed Project impacts would be reduced to less than significant levels. Therefore, the Proposed Project would not make a cumulatively considerable contribution to any potential cumulative impacts, and cumulative geology and soil impacts would be less than significant.

VII. GREENHOUSE GAS EMISSIONS

Greenhouse gas (GHG) emissions refer to a group of emissions that have the potential to trap heat in the atmosphere and consequently affect global climate conditions. Scientific studies have concluded that there is a direct link between increased emission of GHGs and long-term global temperature. The principal GHGs are carbon dioxide (CO_2), methane (CH_4), nitrous oxide (N_2O), sulfur hexafluoride (SF_6), perfluorocarbons (PFCs), hydrofluorocarbons (HFCs), and water vapor (H_2O). CO_2 is the reference gas for climate change because it is the predominant greenhouse gas emitted. To account for the varying warming potential of different GHGs, GHG emissions are often quantified and reported as CO_2 equivalents (CO_2e).

California Global Warming Solutions Act of 2006

The California Global Warming Solutions Act of 2006, widely known as AB 32, set a mandate for the California Air Resources Board (CARB) to develop and enforce regulations for the reporting and verification of statewide GHG emissions. The heart of the bill is the requirement that statewide GHG emissions be reduced to 1990 levels by 2020. In its Climate Change Scoping Plan (2008), ARB developed a California statewide GHG emission inventory for years 1990–2004 to support the effort of determining the 1990 level and 2020 near-term emissions limit. To determine the amount of GHG emission reductions needed to reduce to 1990 emissions, ARB then developed a forecast of 2020 emissions in a business-as-usual scenario (2020 BAU), which is an estimate of the emissions expected to occur in the year 2020 if none of the foreseeable measures included in the Scoping Plan were implemented.

In May 2014, CARB published the First Update to the Climate Change Scoping Plan, where it revised the previously adopted 1990 GHG emissions level from 427 $MMTCO_2e$ to 431 $MMTCO_2e$ based on the scientifically updated global warming potential (GWP) values in the Intergovernmental Panel on Climate Change's (IPCC's) Fourth Assessment Report.[14] The total future emissions forecasted in the 2020 BAU scenario were also updated from the previously adopted estimate of 596 $MMTCO_2e$ to 509 $MMTCO_2e$. The updated 2020 BAU scenario includes reductions anticipated from the implementation of several policies aimed at reducing the statewide greenhouse gas emissions inventory which are now adopted into law (i.e., California's Low Carbon Fuel Standard, Pavley I and the Renewable Electricity Standard). As shown in Table III-5, below, the State anticipates it will meet its 2020 GHG emissions limit of 431 $MMTCO_2e$ through reductions in energy, transportation, waste and high-GWP sectors. The Cap-and-Trade Regulation provides a firm cap, ensuring that the 2020 statewide emission limit will not be exceeded. Thus, the estimated emission reductions attributed to the Cap-and-Trade Program depend on the emissions forecast. For example, if the emissions forecast increases, the reductions associated with the Cap-and- Trade Program will increase.

Table III-5
Climate Change Scoping Plan 2020 Emissions Target

Category	2020 CO_2e Emissions ($MMTOC_2e$) [a]
AB 32 Baseline 2020 Forecast Emissions (2020 BAU)	509
Expected Reductions from Sector-Based Measures	
Energy	-25
Transportation	-23
High-GWP	-5
Waste	-2

[14] *The IPCC is the leading international body for the scientific assessment of climate change established in 1988 under the auspices of the United Nations.*

Cap and Trade Reductions	-23 [b]
2020 Limit	=431

[a] Based on AR4 GWP values.
[b] Cap and Trade emissions reductions depend on the emission forecast.
Source: CARB, First Update to the Climate Change Scoping Plan, May 2014.

While the Scoping Plan does not provide any specific mandates or policies that directly applies to CEQA Projects, statewide reductions in GHG emissions from construction is being accomplished through continuous updates to the California Green Building Standards (CALGreen) Code and other State-mandated laws and regulations. Originally adopted in 2008, the CALGreen Code included all voluntary standards that went beyond the basic building code requirements and introduced new standards for reducing water use, provisions for reducing and recycling construction and demolition waste, criteria for site development to locate buildings near public transit, and measures for improving indoor air quality to protect the health of building occupants. In 2010, the CALGreen Code became mandatory on a statewide basis. Effective January 2014, the scope of the CALGreen Code was expanded to all residential buildings, including high-rise residential, as well as to additions or alterations with increases in conditioned space.

LA Green Plan

The City of Los Angeles has addressed the issue of global climate change through implementation of the *Green L.A., An Action Plan to Lead the Nation in Fighting Global Warming (L.A. Green Plan)* and has updated its zoning Code to mandate increased energy efficiency measures in new construction. The *L.A. Green Plan* outlines the goals and actions that the City has established to reduce the generation and emission of GHGs from both public and private activities. According to the *L.A. Green Plan*, Los Angeles is committed to the goal of reducing emissions of CO_2 to 35 percent below 1990 levels. To achieve this, the City is increasing the generation of renewable energy, improving energy conservation and efficiency, and changing transportation and land use patterns to reduce dependence on automobiles.

LA Green Building Code

The City of Los Angeles *L.A. Green Building Code* (Ordinance No. 181480), which incorporates applicable provisions of the CALGreen Code, and in many cases outlines more stringent GHG reduction measures available to development projects in the City of Los Angeles is consistent with statewide goals and policies in place for the reduction of greenhouse gas emissions, including AB 32 and the corresponding Scoping Plan. Among the many GHG reduction measures outlined later in this Section, the *L.A. Green Building Code* requires new development projects to achieve a 20 percent reduction in potable water use and wastewater generation, meet and exceed Title 24 Standards adopted by the California Energy Commission on December 17, 2008, and meet 50 percent construction waste recycling levels. New development projects are required to comply with the *L.A. Green Building Code,* and therefore are generally considered consistent with statewide GHG-reduction goals and policies, including AB 32.

2016-2040 RTP/SCS

On April 7, 2016, SCAG adopted the 2016-2040 Regional Transportation Plan/Sustainable Communities Strategy: Towards a Sustainable Future (RTP/SCS). Within the RTP/SCS, the SCS demonstrates the region's ability to attain and exceed the GHG emission-reduction targets set forth by CARB. The SCS sets forth a regional plan for integrating the transportation network and related strategies with an overall land use pattern that responds to projected growth, housing needs, changing demographics, and transportation demands. The regional vision of the SCS maximizes current voluntary local efforts that support the goals of SB 375, as evidenced by several Compass Blueprint Demonstration Projects and various county transportation improvements. The SCS focuses the majority of new housing and job growth in high-quality transit areas and other opportunity areas in existing main streets, downtowns, and commercial corridors, resulting in an improved jobs-housing balance and more opportunity for transit-oriented development. This overall land use development pattern supports and complements the proposed transportation network that emphasizes system preservation, active transportation, and transportation demand management measures. By analyzing the performance of land use changes and transportation strategies related to GHG emissions reductions, the 2016-2040 RTP/SCS concluded that GHG emissions per capita relative to 2005 emissions would be reduced by 8% in 2020, 18% in 2035, and 21% in 2040 in the SCAG region, which would exceed CARB's required reduction targets. These future GHG goals and conditions would be met in 2040 if investments and strategies detailed in the 2016-2040 RTP/SCS are fully realized.

Sustainable Communities and Climate Protection Act (SB 375)

California's Sustainable Communities and Climate Protection Act, also referred to as Senate Bill 375 (SB 375) became effective January 1, 2009. The goal of SB 375 is to help achieve AB 32's GHG emissions reduction goals by aligning the planning processes for regional transportation, housing, and land use. SB 375 requires CARB to develop regional reduction targets for GHGs, and prompts the creation of regional plans to reduce emissions from vehicle use throughout the state. California's 18 Metropolitan Planning Organizations (MPOs) have been tasked with creating "Sustainable Community Strategies" (SCS) in an effort to reduce the region's vehicle miles traveled (VMT) in order to help meet AB 32 targets through integrated transportation, land use, housing and environmental planning. Pursuant to SB 375, CARB set per-capita GHG emissions reduction targets from passenger vehicles for each of the State's 18 MPOs. For the SCAG region, the targets are set at eight percent below 2005 per capita emissions levels by 2020 and 13 percent below 2005 per capita emissions levels by 2035.

SCAQMD

SCAQMD has released draft guidance regarding interim CEQA GHG significance thresholds. In October 2008, SCAQMD proposed the use of a percent emission reduction target to determine significance for commercial/residential projects that emit greater than 3,000 metric tons of CO2e per year. On December 5, 2008, the SCAQMD Governing Board adopted the staff proposal for an interim GHG significance threshold for stationary source/industrial projects where SCAQMD is lead agency. However, SCAQMD has yet to formally adopt a GHG significance threshold for land use development projects (e.g.,

residential/commercial projects) and has formed a GHG Significance Threshold Working Group to further evaluate potential GHG significance thresholds.

a) Would the project generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?

Less Than Significant Impact. Notwithstanding the regulatory plans and building code updates discussed above, there are no federal, state or local adopted thresholds of significance for addressing a residential project's GHG emissions pursuant to CEQA. Section 15064.4 of the CEQA Guidelines provides direction to lead agencies in determining the significance of the impacts of GHGs, however, it does not establish a specific threshold of significant. Since neither the SCAQMD nor the City of Los Angeles have adopted quantitative thresholds of significance for a residential project's generation of greenhouse gas emissions, the following analysis is based on a combination of the requirements outlined in the CEQA Guidelines. As required in Section 15064.4 of the CEQA Guidelines, this analysis includes an impact determination based on the following: (1) The extent to which the project may increase or reduce greenhouse gas emissions as compared to the existing environmental setting; (2) Whether the project emissions exceed a threshold of significance that the lead agency determines applies to the project; (3) The extent to which the project complies with regulations or requirements adopted to implement a statewide, regional, or local plan for the reduction or mitigation of greenhouse gas emissions. The Guidelines do not mandate the use of absolute numerical thresholds to measure the significance of greenhouse gas emissions.

For purposes of this analysis, a significant impact would occur if the Proposed Project's design features are not substantially consistent with the applicable policies and/or regulations outlined in the Scoping Plan, SB 375, SCAG's RTP/SCS, and the LA Green Building Code.

Construction

Construction of the Proposed Project would emit GHG emissions through the combustion of fossil fuels by heavy-duty construction equipment and through vehicle trips generated by construction workers traveling to and from the Project Site. These impacts would vary day to day over the approximate 34-month duration of construction activities.

Emissions of GHGs were calculated using CalEEMod *Version 2016.3.1* for the construction duration of the Proposed Project and the results of this analysis are presented in Table III-6, Project Construction-Related Greenhouse Gas Emissions. As shown in Table III-6, the total GHG emissions from construction activities related to the Proposed Project would be approximately 2,491.42 metric tons with the greatest annual emissions of 926.71 metric tons occurring in year 2018.

Table III-6
Proposed Project Construction-Related Greenhouse Gas Emissions

Year	CO_2e Emissions (Metric Tons per Year) [a]
2017	609.62
2018	926.71
2019	827.66
2020	127.43
Total Construction GHG Emissions	**2,491.42**

[a] Construction CO_2 values were derived using CalEEMod Version 2016.3.1 Calculation data and results are provided in Greenhouse Gas Emissions Calculations Worksheets in the case file..

Operation

The average daily GHG emissions generated by the existing Project Site have been estimated utilizing CalEEMod as recommended by the SCAQMD. Table III-7, Existing Project Site Greenhouse Gas Emissions, presents the GHG emissions associated with existing operations at the Project Site. As shown in Table III-7, the existing industrial operations on the Project Site generate approximately 2,254.11 CO_2e $MTYCO_2e$.

Table III-7
Existing Project Site Greenhouse Gas Emissions

Emissions Source	CO_2e Emissions (Metric Tons per Year)
Area	<0.01
Energy	861.93
Mobile	1,082.42
Waste	73.76
Water	236.00
Total	**2,254.11**

Calculation data and results provided in Greenhouse Gas Emissions Calculations Worksheets in the case file.
Source: Parker Environmental Consultants, 2016.

Proposed Project GHG Emissions

The GHG emissions resulting from operation of the Proposed Project, which involves the usage of on-road mobile vehicles, electricity, natural gas, water, landscape equipment and generation of solid waste and wastewater, were calculated under two separate scenarios in order to illustrate the effectiveness of the Project's compliance with AB 32, the *L.A. Green Building Code, SCAG's 2016-2040 RTP/SCS, SB 375,* and other mitigating features that would be effective in reducing GHG emissions, such as the Project Site being an infill lot, its proximity to transit. For purposes of demonstrating the Proposed Project's consistency with AB32 and the State's goals for reducing GHG emissions to 1990 levels by 2020, the Proposed Project's greenhouse gas emissions were quantified to reflect the Project's design features such as being an infill development with applicable trip credits for increased density, walkability, transit

accessibility, proposing Energy Star-rated appliances, and as otherwise being built in compliance with all applicable Green Building Code requirements and applicable regulatory measures (i.e., compliance with Rule 403 (dust suppression), low VOC coatings, increasing energy conservation beyond Title 24, implementing on-site solid waste recycling program).

As shown in Table III-8, below, the Proposed Project's annual generation of GHG emissions is estimated to be 5,101.48 CO_2e MTY, representing an approximate 2,847.37 CO_2e MTY increase as compared to the existing emissions generated on-site under current conditions. Because the Proposed Project would be replacing existing uses, the annual net increase in GHG emissions is estimated to be 2,847.37 CO_2e MTY.

For comparative purposes, the GHG emissions from a similar project of the same size and proposed land uses, but without the GHG-reducing design features described above for the Proposed Project was quantified. This comparative analysis demonstrates the effect the Proposed Project's compliance with SB 375's siting criteria on an infill lot in a High Priority Transit Area, the Project's re-use of existing buildings, and the structural and operational design features such as installing energy efficient lighting, low flow plumbing fixtures, Energy Star-rated appliances, and implementing a construction and operational recycling program during the life of the Proposed Project would have with respect to reducing GHG emissions. As shown in Table III-8, the Proposed Project's consistency with applicable plans, policies and code requirements imposed through the City of Los Angeles Green Building Ordinance for purposes of conserving resources and reducing GHG emissions, yields an approximate 61 percent reduction as compared to a base project without such design features and compliance measures.

Table III-8
Proposed Project Operational Greenhouse Gas Emissions

Emissions Source	Estimated Project Generated CO_2e Emissions (Metric Tons per Year)		
	Base Project Without GHG Reduction Features	Proposed Project	Percent Reduction
Area	6.43	6.43	0%
Energy	2,179.03	1,905.56	13%
Mobile (Motor Vehicles)	4,469.16	2,750.29	38%
Waste	105.37	52.68	50%
Water	379.34	303.47	20%
Construction Emissions [a]	83.05	83.05	--
Project Total	**7,222.38**	**5,101.48**	**29%**
Less Existing Project Site	-- [b]	*-2,254.11*	--
Project NET TOTAL	**7,222.38**	**2,847.37**	**61%**

[a] *The total construction GHG emissions were amortized over 30 years and added to the operation of the Project.*
[b] *The existing uses were not deducted from the Project Without GHG Reduction Measures to demonstrate the benefit of developing on an infill lot with an active commercial land use. The Project will displace an estimated 440 existing vehicle trips daily (see Traffic Study Table 5) by displacing the existing warehouse land uses. If an alternative project site were selected, it is reasonable to assume the existing warehouse uses would continue to generate GHG emissions in addition to the Project's emissions.*
Calculation data and results provided in Greenhouse Gas Emissions Calculations Worksheets, included in the case file.

Through required implementation of the L.A. Green Building Code, the Project's mixed-use design, and the Project Site's location on an infill site, the Proposed Project would be consistent with local and statewide goals and policies aimed at reducing the generation of GHGs, including CARB's AB 32 Scoping Plan aimed at achieving 1990 GHG emission levels by 2020. The following describes the benefits and applicability of the Proposed Project's compliance measures and design features that serve to reduce the carbon footprint of the development:

1. **Infill Development.** The Proposed Project is located on an infill site that is currently developed with light industrial land uses and that is located within a transit priority area. The Project Site is also located in an area that is adequately served by existing infrastructure and would not require the extension of utilities or roads to accommodate the proposed development.

2. **Transit Priority Area.** The Proposed Project is also located in a Transit Priority Area as defined by CEQA Sections 21099 and 21064.3. Studies by the California Department of Transportation, the U.S. Environmental Protection Agency and the Metropolitan Transportation Commission have found that focusing development in areas served by transit can result in local, regional and statewide benefits including reduced air pollution and energy consumption. The Proposed Project's mixed-use nature and close proximity to regional transit would result in fewer trips and a reduction to the Proposed Project's vehicle miles traveled (VMTs) as compared to the base trip rates for similar uses that are not located in close proximity to transit.

3. **Energy Conservation**. As mandated by the L.A. Green Building Code, the Proposed Project would be required to exceed Title 24 standards and include ENERGY STAR appliances.

4. **Solid Waste Reduction Efforts**. The Proposed Project would be subject to construction waste reduction of at least 50 percent. In addition, operation of the Project is subject to AB 939 requirements to divert 50 percent of solid waste to landfills through source reduction, recycling, and composting. As required by the California Solid Waste Reuse and Recycling Access Act of 1991, the Proposed Project would provide adequate storage areas for collection and storage of recyclable waste materials.

5. **Water Conservation**. The Project would be required to provide a schedule of plumbing fixtures and fixture fittings that reduce potable water use within the development by at least 20 percent. It must also provide irrigation design and controllers that are weather- or soil moisture-based and automatically adjust in response to weather conditions and plants' needs. Therefore, the Project's generation of GHG emissions would not make a project-specific or cumulatively considerable contribution to GHG emissions, and impacts would be less than significant.

Consistency with AB 32

The California Air Resources Board's (CARB's) AB 32 Scoping Plan (2008) and First Update (2014) identify the state programs necessary to meet the 2020 target. The Scoping Plan is a plan for reducing greenhouse gas emissions statewide, but does not itself establish the regulations by which it is to be implemented; rather, it sets out how existing regulations, and new ones yet to be adopted at the time of the Scoping Plan, will be used to reach AB 32's emission reduction goal. Neither AB 32 nor the Scoping Plan establishes regulations for specific development projects evaluated under CEQA. Thus, for purposes

of this analysis, the extent to which the Proposed Project complies with AB 32 is based on the following qualitative discussion on consistency with the Scoping Plan measures that are generally relevant to land use development. As discussed below, the Proposed Project would be substantially consistent with the measures associated with maximizing energy efficiency, employing green building strategies, recycling waste, and conserving water.

Consistency with Applicable AB 32 Scoping Plan Measures

Energy Efficiency. Maximize energy efficiency building and appliance standards and pursue additional efficiency efforts including new technologies, and new policy and mechanisms. Pursue comparable investment in energy efficiency from all retail providers of electricity in California.	**Consistent**. The Proposed Project would be designed and constructed to meet LA Green Building Code standards by including several measures designed to reduce energy consumption.
Renewables Portfolio Standard. Achieve 33 percent renewable energy mix statewide.	**Consistent**. The Proposed Project would use energy from the Los Angeles Department of Water and Power (LADWP), which has goals to diversify its portfolio of energy sources to increase the use of renewable energy.
Green Building Strategy. Expand the use of green building practices to reduce the carbon footprint of California's new and existing inventory of buildings.	**Consistent**. The Proposed Project would be designed and constructed to meet Cal Green building standards and will include several measures designed to reduce energy consumption.
Recycling and Waste. Reduce methane emissions at landfills. Increase waste diversion, composting and other beneficial uses of organic materials and mandate commercial recycling. Move toward zero waste.	**Consistent**. The Proposed Project would result in a less than significant impact on landfill capacity. (see response to Checklist Question 17(f), below)
Water. Continue efficiency programs and use cleaner energy sources to move and treat water.	**Consistent**. The Proposed Project would use water-efficient landscaping including point-to-point irrigation and a smart controller drip system to reduce water use.
Measures not listed are not applicable to this Proposed Project. *Source: Parker Environmental Consultants, 2016.*	

Consistency with SB 375

As discussed above, SB 375 requires integration of planning processes for transportation, land-use and housing. Under the bill, each Metropolitan Planning Organization would be required to adopt a Sustainable Community Strategy to encourage compact development that reduces passenger vehicle miles traveled and trips so that the region will meet the target provided in the Scoping Plan, created by CARB, for reducing GHG emissions. SB 375 requires SCAG to direct the development of the RTP/SCS for the region. A discussion of the Project's consistency with the 2016-2040 RTP/SCS is provided further below.

Consistency with the 2016-2040 RTP/SCS

The Proposed Project would be consistent with the following key GHG reduction strategies in SCAG's 2016-2040 RTP/SCS which are based on changing the region's land use and travel patterns:

- Compact growth in areas accessible to transit;
- More multi-family housing;
- Jobs and housing closer to transit;
- New housing and job growth focused in High Quality Transit Areas (HQTA); and
- Biking and walking infrastructure to improve active transportation options, transit access.

The Proposed Project represents an infill development within an existing urbanized area that would concentrate new residential and neighborhood serving commercial uses within a High Priority Transit Area. In addition, the Proposed Project would also provide bicycle storage areas for Project residents and guests. The Proposed Project would provide residents and visitors with convenient access to public transit and opportunities for walking and biking, which would facilitate a reduction in vehicle miles traveled and related vehicular GHG emissions. These and other measures would further promote a reduction in vehicle miles traveled and subsequent reduction in GHG emissions, which would be consistent with the goals of SCAG's 2016–2040 RTP/SCS.

Consistency with L.A. Green Building Code

The Los Angeles Green Building Ordinance requires that all projects filed on or after January 1, 2014, must comply with the L.A. Green Building Code. Mandatory measures under the L.A. Green Building Code that would help reduce GHG emissions include short- and long-term bicycle parking measures; designated parking measure; and electric vehicle supply wiring. The Proposed Project would comply with these mandatory measures as the Proposed Project would provide 46 short-term bicycle parking spaces and 383 long-term bicycle parking spaces; and would include a minimum number of equal to five percent of the total number of parking spaces with Electric Vehicle (EV) Charging Stations, pursuant to the L.A. Green Building Code. Furthermore, the L.A. Green Building Code includes energy and conservation measures that would further increase energy efficiency of the Project, such as, but not limited to, installing Energy Star rated appliances, installation of a submeter, and installation of water-conserving fixtures. Therefore, the Project would be consistent with the L.A. Green Building Code.

As demonstrated above, the Proposed Project's design features and compliance with regulatory measures would be consistent with local and statewide goals and policies aimed at reducing the generation of GHGs, including CARB's AB 32 Scoping Plan aimed at achieving 1990 GHG emission levels by 2020. The Proposed Project would adhere to the following regulatory compliance measures that would further reduce its GHG emissions. Therefore, the Project's generation of GHG emissions would not make a project-specific or cumulatively considerable contribution to conflicting with an applicable plan, policy or regulation for the purposes of reducing the emissions of greenhouse gases and, the Proposed Project's impact would be less than significant.

Regulatory Compliance Measures:

- The Proposed Project shall comply with the low- and non-VOC requirements established by the AQMD for architectural coatings (AQMD Rule 1113).

- To encourage carpooling and the use of electric vehicles by Project residents and visitors, pursuant to LAMC Section 99.04.106.4.1, at least five (5)% of the total code-required parking spaces provided for all types of parking facilities, but in no case less than one location, shall be capable of supporting future electric vehicle supply equipment (EVSE). Plans shall indicate the proposed type and location(s) of EVSE and also include raceway method(s), wiring schematics and electrical calculations to verify that the electrical system has sufficient capacity to simultaneously charge all electric vehicles at all designated EV charging locations at their full

rated amperage. Plan design shall be based upon Level 2 or greater EVSE at its maximum operating ampacity. Only raceways and related components are required to be installed at the time of construction. When the application of the 5% results in a fractional space, round up to the next whole number. A label stating "EVCAPABLE" shall be posted in a conspicuous place at the service panel or subpanel and next to the raceway termination point.

b) Would the project conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?

Less Than Significant Impact. As described above and in Question VII(a), the Proposed Project would be consistent with local and statewide goals and policies aimed at reducing the generation of GHGs, including CARB's AB 32 Scoping Plan aimed at achieving 1990 GHG emission levels by 2020. Therefore, the Proposed Project's generation of GHG emissions in excess of existing baseline would not make a project-specific or cumulatively considerable contribution to conflicting with an applicable plan, policy or regulation for the purposes of reducing the emissions of greenhouse gases and, the Proposed Project's impact would be less than significant.

Cumulative Impacts

The GHG emissions from a mixed-use development with residential, office, and commercial uses is relatively very small in comparison to state or global GHG emissions and, consequently, they would, in isolation, have no significant direct impact on climate change. Rather, it is the increased accumulation of GHG from more than one project and many sources in the atmosphere that may result in global climate change, which can cause the adverse environmental effects previously discussed. Accordingly, the threshold of significance for GHG emissions determines whether a project's contribution to global climate change is "cumulatively considerable." Many regulatory agencies, including the SCAQMD, concur that GHG and climate change should be evaluated as a potentially significant cumulative impact, rather than a project direct impact. Accordingly, the GHG analysis presented above analyzes whether the Proposed Project's impact would be cumulatively considerable using a plan-based approach (and quantitative and qualitative analysis) to determine the Proposed Project's contributing effect on global warming. As concluded above, the Proposed Project's generation of GHG emissions would represent a 61% reduction in GHG emissions with GHG reduction measures in place as compared to the Proposed Project's emissions in the absence of all of the GHG reducing measures and project design features. Furthermore, the Proposed Project would be consistent with all applicable local ordinances, regulations and policies that have been adopted in furtherance of the state and City's goals of reducing GHG emissions. Thus, the Proposed Project would not make a cumulatively considerable contribution to GHG emissions and impacts would be less than significant.

VIII. HAZARDS AND HAZARDOUS MATERIALS

The following section summarizes and incorporates the reference information from the following report, Phase I Environmental Site Assessment Update Report, Multi-Tenant Commercial Property 135, 141, & 153 West Avenue 34 and 3401 & 3433 Pasadena Avenue, Los Angeles California 90031, prepared by Orswell & Kasman, Inc. ("OKI"), dated April 28, 2015 ("Phase I ESA").

a) Would the project create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?

Less Than Significant Impact. Based upon the criteria established in the *L.A. CEQA Thresholds Guide*, a significant impact may occur if a project would involve the use or disposal of hazardous materials as part of its routine operations, or would have the potential to generate toxic or otherwise hazardous emissions that could adversely affect sensitive receptors. The Proposed Project includes the construction of a mixed-use project with up to 372 residential units, 30,000 square feet of creative office space, and 10,000 square feet of neighborhood-serving retail. During the operation of the Proposed Project, no hazardous materials other than modest amounts of typical cleaning supplies and solvents used for housekeeping and janitorial purposes would routinely be transported to the Project Site. The use of these substances would comply with State Health Codes and Regulations.

Construction could involve the use of potentially hazardous materials, including vehicle fuels, oils, and transmission fluids. However, all potentially hazardous materials would be contained, stored, and used in accordance with manufacturers' instructions and handled in compliance with applicable standards and regulations, which include requirements for disposal of hazardous materials at a facility licensed to accept such waste based on its waste classification and the waste acceptance criteria of the permitted disposal facilities. Therefore, the Proposed Project would not create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials and impacts would be less than significant.

b) Would the project create significant hazard to the public or the environment through reasonably foreseeable upset and accidental conditions involving the release of hazardous materials into the environment?

Potentially Significant Impact Unless Mitigation Incorporated. A significant impact may occur if a project utilizes quantities of hazardous materials as part of its routine operations and could potentially pose a hazard to nearby sensitive receptors under accident or upset conditions.

A review of the Sanborn Fire Insurance Map collections show that the Project Site was occupied by six residences, a barn, and three sheds in 1906. In 1920, the Project Site was occupied by 21 residences, nine sheds, seven garages, a bakery, oil houses, grease houses, a tool house, an office, and an auto repair canopy. By 1951, the Project Site was occupied by 22 residences, eight garages, a bakery, and 10 commercial buildings used for office, warehousing, storage, and workshops. The Project Site has experienced many construction and demolitions of numerous buildings that were used for a variety of land uses, including residential, office, commercial, and industrial. A complete historical record of the building activities and owners of the buildings on the Project Site are listed in the Phase I ESA. The Project Site is currently occupied by light manufacturing facilities.

Site Reconnaissance / Database Search

On April 17, 2015, an ASTM Environmental Professional conducted a site inspection of the Project Site. The purpose of the Phase I ESA was to identify business risks related to the Project Site associated with environmental conditions. No signs were observed on the ground-mounted or pole-mounted electrical

transformers on-site indicating the presence of polychlorinated biphenyls (PCBs). No signs of illegal dumping or distressed vegetation were observed on the Project Site. There was no evidence of underground storage tanks (USTs), septic tanks or wells on the Project Site, and there was no indication of obvious contamination on the Project Site.

Database research determined two adjacent properties, Metro Rail Pasadena Blue Line (between Avenue 33 and French Avenue) and the former Welch's Uniform Rental Facility site (3505 Pasadena Avenue), are recorded as hazardous waste sites. The soils underneath these properties are contaminated with lead, polychlorinated biphenyls (PCBs), tetrachloroethane (PCE), and trichloroethylene (TCE). However, there is no indication from a review of regulatory records and a Project Site inspection that the Project Site has had any problems concerning the storage, usage or disposal of hazardous materials in relation to these properties. No areas of significant environmental concern were observed during the Project Site reconnaissance. The Phase I ESA revealed no evidence of Recognized Environmental Conditions (RECs), Historical RECs (HRECs), or Controlled RECs (CRECs) in connection with the property. Pursuant to [Q] Condition A.1(e), the Applicant would be required to satisfy any requirements from the State Department of Toxic Substances Control (DTSC) in relation to potential contamination on the Project Site. Prior to the issuance of any clearances by the Department of City Planning (DCP), property owners are required to provide to DCP a letter from DTSC that establishes DTSC's satisfaction that the Project Site currently meets DTSC requirements for the proposed use or, alternatively, that establishes DTSC's satisfaction with the property owner's contamination testing plan for the proposed use. Thus, with compliance with this measure hazards associated with potential risk of upset would be less than significant.

Asbestos-Containing Materials (ACMs)

Commercial use of asbestos containing materials (ACM) as a building material was banned by the federal government in 1989. Since the on-site buildings were built prior to 1989, asbestos-containing materials may be present. No asbestos testing was conducted by OKI. Exposure to ACMs during demolition activities would be harmful to construction workers. As required under Environmental [Q] Condition C.12, a complete asbestos survey would be conducted prior to the demolition activities to identify all sources of asbestos, as required by the U.S. EPA National Emission Standard for Hazardous Air Pollutants (NESHAP) regulation and the South Coast Air Quality Management District's (SCAQMD's) Rule 1403. Bulk samples of all materials that are suspected of containing asbestos would be collected and analyzed for asbestos content. Asbestos removal is stringently controlled by Federal Regulations and SCAQMD Rule 1403. Removal of asbestos in a building is not unusual and can be readily accomplished. In accordance with the EPA's NESHAP regulation and SCAQMD's Rule 1403, all materials that are identified as ACMs would be removed by a trained and licensed asbestos abatement contractor. The asbestos removal operations would be conducted in accordance with CAL-OSHA Asbestos for the Construction Industry Standard, SCAQMD and EPA rules and regulations and industry standards. The contractor selected for the removal process would be chosen based on experience, reputation, and relationship with local agencies such as SCAQMD and OSHA regional offices. Generally, asbestos removal operations are low risk. When following asbestos-related regulations, the possibility of exposure to airborne asbestos fibers from asbestos removal projects is limited. The SCAQMD has very specific regulations for asbestos emissions. Provided the identification, removal and disposal of ACMs from the Project Site is conducted in compliance with Environmental [Q] Condition C.12 and such activities

follow the various guidelines required by SCAQMD Rule 1403, as well as all other applicable state and federal rules and regulations, hazardous materials impacts relative to exposure to asbestos would be less than significant.

Lead-Based Paint (LBPs)

The federal government also banned the use of lead in household paints in 1978. Based on the age of the on-site buildings, there is a potential for lead-based paint at the Project Site. Exposure of workers to lead-based paint during demolition of the existing structures would be a hazardous to the health of the construction workers. A qualified lead-paint abatement consultant would be required to comply with applicable state and federal rules and regulations governing lead paint abatement. Compliance with mandatory state and federal regulations would ensure that the potential lead-based paint on-site would be handled properly and impacts associated with the exposure to lead-based paint would be less than significant. Further, the Proposed Project would implement Mitigation Measure MM-HAZ-1 (below) that would require a lead-based paint survey prior to the issuance of a demolition permit. Incorporation of Mitigation Measure MM-HAZ-1 would further ensure that impacts relating to lead-based paint would be less than significant.

With the Proposed Project's compliance with [Q] Condition A.1(e), mandatory state and federal regulatory compliance measures, and Mitigation Measure MM-HAZ-1 (below) potential impacts associated with the release of a hazardous material would be less than significant.

Mitigation Measure:

MM-HAZ-1 (Existing Toxic/Hazardous Construction Materials):

- (Lead Paint) Prior to the issuance of any permit for demolition or alteration of the existing structure(s), a lead-based paint survey shall be performed to the written satisfaction of the Department of Building and Safety. Should lead-based paint materials be identified, standard handling and disposal practices shall be implemented pursuant to OSHA regulations.

c) Would the project emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?

Potentially Significant Unless Mitigation Incorporated. Based upon the criteria established in the *L.A. CEQA Thresholds Guide*, a project would normally have a significant impact to hazards and hazardous materials if: (a) the project involved a risk of accidental explosion or release of hazardous substances (including, but not limited to oil, pesticides, chemicals or radiation); or (b) the project involved the creation of any health hazard or potential health hazard. The determination of significance shall be made on a case-by-case basis considering the following factors: (a) the regulatory framework for the health hazard; (b) the probable frequency and severity of consequences to people or property as a result of a potential accidental release or explosion of a hazardous substance; (c) the degree to which project design will reduce the frequency or severity of a potential accidental release or explosion of a hazardous substance; (d) the probable frequency and severity of consequences to people from exposure to the health

hazard; and (e) the degree to which project design would reduce the frequency of exposure or severity of consequences of exposure to the health hazard.

There are three Los Angeles Unified School District (LAUSD) schools that are approximately within one-quarter mile from the Project Site:

- Hillside Elementary School, located at 120 E. Avenue 35 (over 100 feet east of the Project Site);
- Loreta Street Elementary School, located at 3408 Arroyo Seco Avenue (over 400 feet northwest of the Project Site); and
- Los Angeles Leadership Academy Charter School, located at 234 E. Avenue 33 (over 900 feet east of the Project Site).

The Proposed Project has the potential to expose students and staff of the identified schools to potentially hazardous materials, substances, or waste during the construction period. Localized construction impacts associated with noise, dust and localized air quality emissions, and construction traffic/hauling activities generally occur within an area of 500 feet or less of the Project Site. The school that would most likely experience the highest construction impacts is Hillside Elementary School. The Proposed Project would provide appropriate construction measures to reduce the Project's impacts upon the nearby school facility. Further, the Project's proposed haul route would be designed to minimize, to the greatest degree possible, hauling impacts on Hillside Elementary School. The proposed haul route traveling to and from the I-5 Freeway would utilize Avenue 34, Pasadena Avenue, Avenue 33, Lacy Street, and Avenue 26. Hauling activity utilizing Pasadena Avenue will pass the rear side of Hillside Elementary School, which is improved with landscaping, trees and the façade of school structures. The active playground areas for Hillside Elementary are located towards the east of the campus fronting on Griffin Avenue and Avenue 35, which would not be utilized by hauling trucks. Implementation of Mitigation Measures MM-HAZ-2 and MM-HAZ-3, below, would reduce any construction impacts related to nearby schools to less than significant levels.

Mitigation Measures:

MM-HAZ-2 Construction Activity Near Schools

- The Applicant and contractors shall maintain ongoing contact with the administrators of Hillside Elementary School, Loreta Street Elementary School, and Los Angeles Leadership Academy Charter School. The administrative offices shall be contacted when demolition, grading and construction activity begin on the project site so that students and their parents will know when such activities are to occur. The developer shall obtain school walk and bus routes to the schools from either the administrators or from the LAUSD's Transportation Branch (323)342-1400 and guarantee that safe and convenient pedestrian and bus routes to the school be maintained.
- The Applicant shall install appropriate traffic signs around the site to ensure pedestrian and vehicle safety.
- There shall be no staging or parking of construction vehicles, including vehicles to transport workers on Pasadena Avenue, adjacent to the school.

- Due to noise impacts on the schools, no construction vehicles or haul trucks shall be staged or idled on Pasadena Avenue, adjacent to the school, during school hours.

MM-HAZ-3 Schools Affected by Haul Route

- Haul route scheduling shall be sequenced to minimize conflicts with pedestrians, school buses and cars at the arrival and dismissal times of the school day. Haul route trucks shall not be routed past the school during periods when school is in session especially when students are arriving or departing from the campus.

Furthermore, no hazardous materials other than modest amounts of typical cleaning supplies and solvents used for housekeeping and janitorial purposes would be typically associated with the operation and activities of the proposed land uses, and the use of these substances would comply with State Health Codes and Regulations. The Proposed Project's operational impacts would have a less than significant impact.

d) Would the project be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?

Less Than Significant Impact. California Government Code Section 65962.5 requires various state agencies to compile lists of hazardous waste disposal facilities, unauthorized releases from underground storage tanks, contaminated drinking water wells, and solid waste facilities from which there is known migration of hazardous waste, and submit such information to the Secretary for Environmental Protection on at least an annual basis. A significant impact may occur if the Project Site is included on any of the above lists and poses an environmental hazard to surrounding sensitive uses.

Environmental records were reviewed to determine if there are any on- or off-site sources of documented environmental concerns. The Project Site was listed on the Resource Conservation and Recovery Act – Hazardous Waste Generator with no reported violations. The following are database records of hazardous sites within a ½-mile of the Project Site: three Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) sites, a RCRA – large quantity hazardous waste generator site (Former Welch's Uniform Site), a RCRA - small quantity waste generator site (Hillside Elementary School), five CAL-EPA sites, and three active non-LUST RWQCB Cleanup sites. However, OKI has determined that it is unlikely that any contaminants from these sites would have a significant impact on the Project Site.

Based on the absence of any outstanding violations or reported releases, as well as the results from a previous on-site assessments, the Project Site poses no significant environmental concerns, and there is no evidence of RECs in connection with the Project Site. With the Proposed Project's compliance with mandatory state and federal regulatory compliance measures, potential impacts associated with the release of a hazardous material would be less than significant.

e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard for people residing or working in the project area?

No Impact. A significant project-related impact may occur if the Proposed Project were placed within a public airport land use plan area, or within two miles of a public airport, and subject to a safety hazard. The Project Site is not located within two miles of a public airport. Furthermore, the Project Site is not in an airport hazard area. Therefore, no impact would occur.

f) For a project within the vicinity of a private airstrip, would the project result in a safety hazard for people residing or working in the project area?

No Impact. This question would apply to the Proposed Project only if it were in the vicinity of a private airstrip and would subject area residents and workers to a safety hazard. The Project Site is not within the vicinity of a private airstrip. Therefore, no impact would occur.

g) Would the project impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?

No Impact. Based upon the criteria established in the *L.A. CEQA Thresholds Guide*, a project would normally have a significant impact to hazards and hazardous materials if: (a) the project involved possible interference with an emergency response plan or emergency evacuation plan. According to the *L.A. CEQA Thresholds Guide*, the determination of significance shall be made on a case-by-case basis considering the degree to which the project may require a new, or interfere with an existing emergency response or evacuation plan, and the severity of the consequences. The Project Site is not located on an identified disaster route or an adopted emergency response or evacuation plan.[15,16] Development of the Project Site may require temporary and/or partial street closures due to construction activities. Nonetheless, while such closures may cause temporary inconvenience, they would not be expected to substantially interfere with emergency response or evacuation plans. The Proposed Project would not cause permanent alterations to vehicular circulation routes and patterns, impede public access, or travel upon public rights-of-way. Therefore, the Proposed Project would not be expected to interfere with any adopted emergency response plan or emergency evacuation plan, and no impact would occur.

h) Would the project expose people or structures to a significant risk of loss, injury or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands?

No Impact. The Project Site is located in a highly urbanized area of the City of Los Angeles and does not include wildlands or high fire hazard terrain or vegetation. The Project Site is not located in a Very High

---

[15] *Los Angeles County Department of Public Works, City of Los Angeles Central Area Disaster Route Map, August 13, 2008.*

[16] *City of Los Angeles, Safety Element Exhibit H, Critical Facilities and Lifeline Systems in the City of Los Angeles, April 1995.*

Fire Hazard Severity Zone (VHFHSZ).[17] Therefore, no impacts from wildland fires are expected to occur.

Cumulative Impacts

Less Than Significant Impact. Development of the Proposed Project in combination with the three related projects has the potential to increase to some degree the risks associated with the use and potential accidental release of hazardous materials in the City of Los Angeles. However, the potential impact associated with the Proposed Project would be less than significant and, therefore, not cumulatively considerable. With respect to the related projects, the potential presence of hazardous substances would require evaluation on a case-by-case basis, in conjunction with the development proposals for each of those properties. Further, local municipalities are required to follow local, state, and federal laws regarding hazardous materials, which would further reduce impacts associated with the related projects. Therefore, with compliance with local, state, and federal laws pertaining to hazardous materials, the Proposed Project in conjunction with related projects would be expected to result in less-than-significant cumulative impacts with respect to hazardous materials.

IX. HYDROLOGY AND WATER QUALITY

a) Would the project violate any water quality standards or waste discharge requirements?

Less Than Significant Impact. Based upon the criteria established in the *L.A. CEQA Thresholds Guide*, a project would normally have a significant impact on surface water quality if discharges associated with the project would create pollution, contamination, or nuisance as defined in Section 13050 of the California Water Code or that cause regulatory standards to be violated, as defined in the applicable National Pollution Discharge Elimination System (NPDES) stormwater permit or Water Quality Control Plan for the receiving body of water. A significant impact may occur if a project would discharge water which does not meet the quality standards of agencies which regulate surface water quality and water discharge into stormwater drainage systems. Significant impacts would also occur if a project does not comply with all applicable regulations with regard to surface water quality as governed by the State Water Resources Control Board (SWRCB) through its nine Regional Boards. The Project Site lies within the Los Angeles Regional Water Quality Control Board (RWQCB). Applicable regulations include compliance with NPDES permitting system, LAMC Article 4.4, and the low impact development requirements, which reduces potential water quality impacts during the construction and operation of a project.

Construction

Three general sources of potential short-term, construction-related stormwater pollution associated with the Proposed Project include: (1) the handling, storage, and disposal of construction materials containing pollutants; (2) the maintenance and operation of construction equipment; and (3) earth moving activities which, when not controlled, may generate soil erosion via storm runoff or mechanical equipment.

---

[17] *City of Los Angeles, Department of City Planning, City of Los Angeles Zoning Information and Map Access System (ZIMAS), website: www.zimas.lacity.org, accessed February 2016.*

Prior to issuance of a grading permit, the Applicant shall obtain coverage under the State Water Resources Control Board NPDES Construction General Permit. The Applicant shall provide the Waste Discharge Identification Number to the City of Los Angeles to demonstrate proof of coverage under the Construction General Permit. A Storm Water Pollution Prevention Plan (SWPPP) would be prepared and implemented for the Proposed Project in compliance with the requirements of the Construction General Permit. The SWPPP shall identify construction Best Management Practices (BMPs) to be implemented to ensure that the potential for soil erosion and sedimentation is minimized and to control the discharge of pollutants in stormwater runoff as a result of construction activities.

The SWPPP would incorporate the required implementation of Best Management Practices (BMPs) for erosion control and other measures to meet the NPDES requirements for stormwater quality. Implementation of the BMPs identified in the SWPPP and compliance with the NPDES and City discharge requirements would ensure that the construction of the Proposed Project would not violate any water quality standards or discharge requirements, or otherwise substantially degrade water quality. Additionally, City of Los Angeles Ordinance No. 173,494 further sets procedures for stormwater pollution control for the planning and construction of development and redevelopment projects. As such, the implementation of the code-required SWPPP and compliance with Ordinance No. 173,494 would ensure that the Proposed Project's construction-related water quality impacts would be less than significant.

Operation

The Project Site is currently developed with four light manufacturing and warehouse buildings and paved loading areas and surface parking. Aside from small landscaped areas, the Project Site is completely covered with impervious surfaces. Thus, nearly 100 percent of the surface water runoff from the Project Site is directed to adjacent storm drains and does not percolate into the groundwater table beneath the Project Site. Forma Engineering Inc. prepared a Drainage Report for the Project Site, dated February 2, 2016. As discussed in the Drainage Report, the Project Site currently drains from north to south, and rainfall is conveyed via surface flow to multiple drainage paths before being discharged to various points on Avenue 34. In the Project Site's current layout, nearly 100 percent of rainfall runoff from the Project Site is conveyed to Avenue 34.

The Proposed Project would maintain the Project Site at nearly 100 percent impervious area and would continue to generate surface water runoff. The Proposed Project would not be expected to increase surface water runoff compared to existing conditions, because the Proposed Project would be required to comply with low impact development (LID) requirements, further discussed below.

In November 2012, the Los Angeles adopted Order No. R4-2012-0175 the NPDES Stormwater Permit for the County of Los Angeles and cities within (NPDES No. CASOO4001). The primary objectives of the stormwater program requirements are to: (1) effectively prohibit non-stormwater discharge and (2) reduce the discharge of pollutants from stormwater conveyance systems to the maximum extent practicable statutory standard.

The Proposed Project would be required to comply with the City of Los Angeles Stormwater and Urban Runoff Pollution Control Ordinance (Ordinance No. 172,176, effectuated October 1998), which established LAMC Sections 64.70 through 64.70.13 and set the foundation for stormwater management in the City of Los Angeles. Since the adoption of the Stormwater and Urban Runoff Pollution Control Ordinance, many additional ordinances have passed to keep LAMC Article 4.4, Stormwater and Urban Runoff Pollution Control, up to date. Approved in October 2011, the LID Ordinance (Ordinance No. 181,899) expanded LAMC Article 4.4 and expanded the applicability of the existing Standard Urban Stormwater Mitigation Plan (SUSMP) requirements by imposing rainwater low impact development strategies on projects that require building permits. LAMC Article 4.4, including LID requirements, was recently amended in August 2015 with the approval of Ordinance No. 183,833, which incorporates the requirements of the Municipal Separate Storm Sewer (MS4) Permit. The Proposed Project would be required to prepare a LID Plan and demonstrate compliance with the LID requirements and standards and retain or treat the first ¾-inch of rainfall in a 24-hour period or the rainfall from an 85th percentile 24-hour runoff event, whichever is greater.[18]

The Proposed Project falls within the second tier of the LID requirements, which state that development projects that involve five or more units intended for residential use and result in an alteration of at least 50 percent or more of the impervious surfaces on an existing developed site, the entire site must comply with the standards and requirements of Article 4.4 of Chapter VI of the LAMC and with the Development Best Management Practices Handbook. The Project Site shall be designed to manage and capture stormwater runoff to the maximum extent practicable utilizing various LID techniques, including but not limited to infiltration, evapotranspiration, capture for use, and treated through high removal efficiency bio-filtration / bio-treatment systems of all runoff on-site (listed in priority order). On-site stormwater management techniques must be designed so that no stormwater runoff leaving the Project Site for at least the volume of water produced by the Stormwater Quality Design Volume (SWQDv). Development and redevelopment projects are required to prepare a LID Plan, which comply with the provisions of the Development Best Management Practices Handbook. If partial or complete on-site compliance of any type is technically infeasible, the Project Site and LID Plan shall be required to manage the flow from the SWQDv on-site in order to maximize on-site compliance. For the remaining runoff that cannot feasibly be managed on-site, the Proposed Project would be required to implement off-site mitigation on public and/or private land within the same sub-watershed as defined by the MS4 Permit.[19] Compliance with the LID requirements would reduce the amount of surface water runoff leaving the Project Site as compared to existing conditions.[20]

In compliance with the LID Plan, prior to issuance of grading permits, the Applicant shall submit a LID Plan and design plans to the City of Los Angeles Department of Building and Safety and the Bureau of Sanitation Watershed Protection Division for review and approval. The Low Impact Development Plan shall be prepared consistent with the requirements of the Development Best Management Practices

---

[18] *City of Los Angeles, Planning and Land Development Handbook for Low Impact Development (LID), Part B Planning Activities, 5th Edition, May 9, 2016.*

[19] *City of Los Angeles Ordinance No. 183,833, 2015.*

[20] *Ibid.*

Handbook. The BMPs shall be designed to retain or treat the runoff from a storm event producing ¾-inch of rainfall in a 24-hour period or the rainfall from an 85th percentile 24-hour runoff event (whichever is greater), in accordance with the Planning and Land Development Handbook for Low Impact Development, Part B Planning Activities. A signed certificate from a licensed civil engineer or licensed architect confirming that the proposed BMPs meet the numerical threshold standard shall be provided.

To ensure that all stormwater related BMPs are constructed and / or installed in accordance with the approved LID Plan, the City of Los Angeles requires a Stormwater Observation Report to be submitted to the City prior to the issuance of the Certificate of Occupancy. All projects reviewed and approved would require a Stormwater Observation Report and would be prepared, signed, and stamped by the engineer of record responsible for the approved LID Plan. With approval and issuance of a Certificate of Occupancy from LADBS, the Proposed Project would be determined to be in compliance with all applicable codes, ordinances, and other laws.[21]

Additionally, full compliance with the site-specific Environmental [Q] Conditions C.13 through C.17, listed below, would ensure that the operation of the Proposed Project would not violate any water quality standards or discharge requirements or otherwise substantially degrade water quality.

Environmental [Q] Conditions 13 - 17.

13. All Runoff (All Subareas)

a. Project applicants are required to implement stormwater BMPs to retain or treat the runoff from a storm event producing 3/4 inch of rainfall in a 24 hour period. The design of structural BMPs shall be in accordance with the Development Best Management Practices Handbook Part B Planning Activities. A signed certificate from a California licensed civil engineer or licensed architect that the proposed BMPs meet this numerical threshold standard is required.

b. Post development peak stormwater runoff discharge rates shall not exceed the estimated pre-development rate for developments where the increase peak stormwater discharge rate will result in increased potential for downstream erosion.

c. Maximize trees and other vegetation at each site by planting additional vegetation, clustering tree areas, and promoting the use of native and/or drought tolerant plants.

d. Any connection to the sanitary sewer must have authorization from the Bureau of Sanitation.

e. Reduce impervious surface area by using permeable pavement materials where appropriate, including: pervious concrete/asphalt; unit pavers, i.e. turf block; and granular materials, i.e. crushed aggregates, cobbles.

f. Paint messages that prohibits the dumping of improper materials into the storm drain system

[21] *City of Los Angeles, Planning and Land Development Handbook for Low Impact Development (LID), Part B Planning Activities, 5th Edition, May 9, 2016.*

adjacent to storm drain inlets (such as NO DUMPINGDRAINS TO OCEAN) and/or graphical icons. Prefabricated stencils can be obtained from the Department of Public Works, Stormwater Management Division.

g. Legibility of stencils and signs must be maintained.

h. Promote natural vegetation by using parking islands and other landscaped areas.

i. Materials with the potential to contaminate stormwater must be: (1) placed in an enclosure such as, but not limited to, a cabinet, shed, or similar stormwater conveyance system; or (2) protected by secondary containment structures such as berms, dikes, or curbs.

j. The storage area must be paved and sufficiently impervious to contain leaks and spills.

k. The storage area must have a roof or awning to minimize collection of stormwater within the secondary containment area.

I. The owner(s) of the property will prepare and execute a covenant and agreement (Planning Department General form CP-6770) satisfactory to the Planning Department binding the owners to post construction maintenance on the structural BMPs in accordance with the Standard Urban Stormwater Mitigation Plan and/or per manufacturer's instructions.

14. Stormwater Runoff 10+ Home Subdivision/Multi Family

a. Install Roof runoff systems where site is suitable for installation.

b. Surface parking lots constitute a significant portion of the impervious land coverage. To reduce the quantity of runoff, surface parking lots can be designed one of two ways;

(i) Hybrid Lot - parking stalls utilize permeable materials, such as crushed aggregate, aisles are constructed of conventional materials such as asphalt.

(ii) Parking Grove - is a variation on the permeable stall design, a grid of trees and bollards are added to delineate parking stalls. This design presents an attractive open space when cars are absent, and shade when cars are present.

c. Design an efficient irrigation system to m1mm1ze runoff including: drip irrigation for shrubs to limit excessive spray; shutoff devices to prevent irrigation after significant precipitation; and flow reducers.

15. Stormwater Runoff Commercial and Industrial Development (Lot Size 100,000 sf)

a. Cover loading dock areas or design drainage to minimize run-on and run-off stormwater.

b. Direct connections to storm drains from depressed loading docks (truck wells) are prohibited.

c. Repair/maintenance bays must be indoors or designed in such a way that doesn't allow stormwater

run-on or contact with stormwater runoff.

d. Design repair/maintenance bay drainage system to capture all washwater, leaks and spills. Connect drains to a standard sump for collection and disposal. Direct connection of the repair/maintenance bays to the storm drain system is prohibited. If required, obtain an Industrial Waste Discharge Permit.

e. Vehicle/equipment wash areas must be self-contained and/or covered, equipped with a clarifier, or other pretreatment facility, and property connected to the sanitary sewer.

f. The following activities are to be conducted under proper cover with drain routed to the sanitary sewer:

(i) Storage of industrial wastes.

(ii) Handling or storage of hazardous wastes.

(iii) Metal fabrication or Pre-cast concrete fabrication.

(iv) Welding, Cutting or Assembly.

(v) Painting, Coating or Finishing.

g. Store above ground liquid storage tanks (drums and dumpsters) in areas with impervious surfaces in order to contain leaks and spills. Install a secondary containment system such as berms, dikes, liners, vaults, and double-wall tanks. Where used oil or dangerous waste is stored, a dead- end sump should be installed in the drain.

h. Toxic wastes must be discarded at a licensed regulated disposal site. Store trash dumpsters either under cover and with drains routed to the sanitary sewer or use non-leaking and water-tight dumpsters with lids. Use drip pans or absorbent materials whenever grease containers are emptied. Wash containers in an area with properly connected sanitary sewer.

i. Reduce and recycle wastes, including: paper; glass; aluminum; oil; and grease.

j. Reduce the use of hazardous materials and wastes by: using detergent based or water-based cleaning systems; and avoid chlorinated compounds, petroleum distillates, phenols, and formaldehyde.

k. Control or reduce or eliminate flow to natural drainage systems to the maximum extent practicable.

I. Cleaning of vehicles and equipment to be performed within designated covered or bermed wash area paved with Portland concrete, sloped for wash water collection, and with a pretreatment facility for wash water before discharging to properly connected sanitary sewer with a CPI type oil/water separator. The separator unit must be: designed to handle the quantity of flows; removed for cleaning on a regular basis (at least twice a year) to remove any solids; and the oil absorbent

pads must be replaced regularly, once in fall just before the wet season, and in accordance with manufacturer's specifications.

16. Stormwater Runoff Food Service Industry (Restaurants, Bakeries, Food Processors)

a. Cleaning of oily vents and equipment to be performed within designated covered area, sloped for wash water collection, and with a pretreatment facility for wash water before discharging to properly connected sanitary sewer with a CPI type oil/water separator. The separator unit must be: designed to handle the quantity of flows; removed for cleaning on a regular basis to remove any solids; and the oil absorbent pads must be replaced regularly according to manufacturer's specifications.

b. Store trash dumpsters either under cover and with drains routed to the sanitary sewer or use non-leaking and water tight dumpsters with lids. Wash containers in an area with properly connected sanitary sewer.

c. Reduce and recycle wastes, including oil and grease.

d. Store liquid storage tanks (drums and dumpsters) in designated paved areas with impervious surfaces in order to contain leaks and spills. Install a secondary containment system such as berms, curbs, or dikes. Use drip pans or absorbent materials whenever grease containers are emptied.

e. Infiltrate runoff before it reaches the storm drain system.

f. Runoff must be treated prior to release into the storm drain. Three types of treatments are available, (1) dynamic flow separator; (2) a filtration or (3) infiltration. Dynamic flow separator uses hydrodynamic force to remove debris, and oil and grease, and are located underground. Filtration involves catch basins with filter inserts. Filter inserts must be inspected every six months and after major storms, cleaned at least twice a year. Infiltration methods are typically constructed on-site and are determined by various factors such as soil types and groundwater table.

17. Stormwater Runoff Surface Parking Lots with 25 or More Spaces or 5,000 Square-feet of Lot Area (Residential, Commercial, Industrial, Public Facility)

a. Trash container areas must have drainage from adjoining roofs and pavement diverted around the area(s).

b. Trash container areas must be screened or walled to prevent off-site transport of trash.

c. Reduce impervious land coverage of parking lot areas.

d. Infiltrate runoff before it reaches the storm drain system.

e. Runoff must be treated prior to release into the storm drain. Three types of treatments are

available, (1) dynamic flow separator; (2) filtration or (3) infiltration. Dynamic flow separator uses hydrodynamic force to remove debris, and oil and grease, and are located underground. Filtration involves catch basins with filter inserts. Filter inserts must be inspected every six months and after major storms, and cleaned at least twice a year. Infiltration methods are typically constructed on-site and are determined by various factors such as soil type and groundwater table.

Implementation of the LID Ordinance would reduce the amount of stormwater leaving the Project Site as runoff compared to existing conditions. Therefore, with the implementation of LID requirements and Environmental [Q] Conditions C.13 through C.17, the Proposed Project's operational water quality impacts would be less than significant.

b) Would the project substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level (e.g., the production rate of pre-existing nearby wells would drop to a level which would not support existing land uses or planned uses for which permits have been granted)?

Less Than Significant Impact. Based upon the criteria established in the *L.A. CEQA Thresholds Guide*, a project would normally have a significant impact on groundwater level if it would change potable water levels sufficiently to: (a) reduce the ability of a water utility to use the groundwater basin for public water supplies, conjunctive use purposes, storage of imported water, summer/winter peaking, or respond to emergencies and drought; (b) reduce yields of adjacent wells or well fields (public or private); (c) adversely change the rate or direction of flow of groundwater; or (d) result in demonstrable and sustained reduction in groundwater recharge capacity.

The Los Angeles County Department of Public Works (LACDPW) has maintained various groundwater monitoring wells in the vicinity of the Project Site over the past 50 years. The closest LACDPW monitoring well to the Project Site is Well ID No. 2772E (State No. 1S13W15R02), located approximately 0.6 mile to the southwest (LACDPW, 2015a). Review of the available monitoring data for this well for the monitoring period between 1958 and 2010 indicate that the depth to groundwater has fluctuated between 25 and 53 feet below the existing ground surface (LACDPW, 2015a). The most recent groundwater level measurement for Well No. 2772E was measured in January, 2010 at a depth of 33 feet below the existing ground surface (LACDPW, 2015a).

As discussed in Section 9(a) the Project Site is nearly 100 percent impervious. As such, nearly 100 percent of the surface water runoff from the Project Site is directed to adjacent storm drains and does not percolate into the groundwater table beneath the Project Site. According to the Geotechnical Investigation, groundwater was encountered at a depth of 40.75 feet below the ground surface. The historically highest groundwater in the Project Site area is 20 feet below the ground surface. A review of available monitoring data for the past 50 years indicate that the depth of groundwater in the Project area fluctuates between 25 and 53 feet below the existing ground surface. The Proposed Project would excavate soils beneath the Project Site to allow for one level of subterranean parking. The subterranean parking structure will extend to a depth of approximately 15 feet below grade and would generally not impact the groundwater table. Based on the historic high groundwater level in the site vicinity, the depth

of groundwater in on-site borings (drilled to a maximum depth of 50 feet beneath the existing ground surface), and the depth of proposed construction, Geocon concluded that groundwater is neither expected to be encountered during construction, nor have a detrimental effect on the Proposed Project. However, the Geotechnical Investigation states that it is not uncommon for groundwater levels to vary seasonally or for groundwater seepage conditions to develop where none previously existed, especially in impermeable fine-grained soils which are heavily irrigated or after seasonal rainfall. In addition, recent requirements for stormwater infiltration could result in shallower seepage conditions in the immediate site vicinity. In the unlikely event groundwater is encountered during the construction process, the Proposed Project would be required to comply with the requirements of the waste discharge requirements for discharges of groundwater from construction (Order No. R4-2008-0032, National Pollution Discharge Elimination System No. CAG994004). Proper surface drainage of irrigation and precipitation will be critical for future performance of the project. Recommendations for drainage are provided in the Surface Drainage section of this report (see Section 7.17 of the Site Geotechnical Investigation). As discussed in Checklist Question VI (a), the Proposed Project would be required to comply with the Geotechnical Investigation and LADBS's geology and soils report approval letter, which provides recommendations for surface drainage. The Proposed Project would further comply with the regulatory compliance measure, below, regarding dewatering.

Regulatory Compliance Measure:

- **(Dewatering):** If required, any dewatering activities during construction shall comply with the requirements of the Waste Discharge Requirements for Discharges of Groundwater from Construction and Project Dewatering to Surface Waters in Coastal Watersheds of Los Angeles and Ventura Counties (Order No. R4-2008-0032, National Pollutant Discharge Elimination System No. CAG994004) or subsequent permit. This will include submission of a Notice of Intent for coverage under the permit to the Los Angeles Regional Water Quality Control Board at least 45 days prior to the start of dewatering and compliance with all applicable provisions in the permit, including water sampling, analysis, and reporting of dewatering-related discharges.

The Proposed Project would continue to be supplied with potable water by the LADWP. Further, the Proposed Project would comply with LAMC Section 64.70, Stormwater Runoff and Urban Pollution Control. With compliance with the regulatory compliance measure relating to dewatering, listed above, the Proposed Project would not cause the depletion of the groundwater supplies or the interference of groundwater recharge. Therefore, a less than significant impact would occur.

c) Would the project substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, in a manner, which would result in substantial erosion or siltation on- or off-site?

Less Than Significant Impact. Based upon the criteria established in the *L.A. CEQA Thresholds Guide*, a project would normally have a significant impact on surface water hydrology if it would result in a permanent, adverse change to the movement of surface water sufficient to produce a substantial change in the current or direction of water flow. As discussed in the Drainage Report, the Project Site is currently nearly 100 impervious and rainfall runoff is conveyed via surface flow (from north to south) to multiple drainage paths on the Project Site before discharging to various points onto Avenue 34. The Project Site

is located in an urbanized area within the City of Los Angeles, and no streams or river courses are located on-site. The Proposed Project would maintain the Project Site's nearly 100 percent imperviousness. However, the Project would comply with the LID Ordinance and retain or treat the first ¾-inch of rainfall in a 24-hour period or the rainfall from an 85th percentile 24-hour runoff event, whichever is greater.. As such, the Project would reduce the amount of runoff leaving the Project Site, as compared to existing conditions. Implementation of the Proposed Project would not increase site runoff or result in any changes in the local drainage patterns. Impacts associated with localized drainage and surface water runoff would therefore be considered less than significant.

d) Would the project substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site?

Less Than Significant Impact. Based upon the criteria established in the *L.A. CEQA Thresholds Guide*, a project would normally have a significant impact on surface water hydrology if it would result in a permanent, adverse change to the movement of surface water sufficient to produce a substantial change in the current or direction of water flow. The Proposed Project would not result in a significant increase in site runoff, or any changes in the local drainage patterns. Therefore, as the Proposed Project would not substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site. In addition, the Proposed Project would comply with the LID Ordinance, and impacts would be less than significant.

e) Would the project create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff?

Less Than Significant Impact. Based upon the criteria established in the *L.A. CEQA Thresholds Guide*, a project would normally have a significant impact on surface water quality if discharges associated with the project would create pollution, contamination, or nuisance as defined in Section 13050 of the California Water Code (CWC) or that cause regulatory standards to be violated, as defined in the applicable National Pollution Discharge Elimination System (NPDES) stormwater permit or Water Quality Control Plan for the receiving water body. A significant impact may occur if the volume of stormwater runoff from the Project Site were to increase to a level which exceeds the capacity of the storm drain system serving the Project Site. A significant adverse effect would also occur if a project substantially increases the probability that polluted runoff would reach the storm drain system.

Currently, the Project Site is completely developed with impervious surfaces and nearly 100 percent of surface water runoff is directed to adjacent street storm drains. As discussed in the Drainage Report, rainfall runoff on the Project Site flows from north to south via surface flow to multiple drainage paths on the Project Site before discharging at various points onto Avenue 34. The Proposed Project would not result in a significant increase in site runoff, or any changes in the local drainage pattern. Runoff from the Project Site would to be collected on the Project Site and directed towards existing storm drains in the Project vicinity that have adequate capacity. Pursuant to local practice and City policy, stormwater retention will be required as part of the Low Impact Development (LID) Ordinance / SUSMP implementation features (despite no increase in imperviousness of the site). Any contaminants gathered

during routine cleaning of construction equipment would be disposed of in compliance with applicable stormwater pollution prevention permits. Further any pollutants from the parking areas would be subject to the requirements and regulations of the NPDES and applicable LID Ordinance standards and retain or treat the first ¾ –inch of rainfall in a 24-hour period or the rainfall from an 85th percentile 24-hour runoff event, whichever is greater, which would reduce the Proposed Project's impact to the stormwater infrastructure. Therefore, the Proposed Project would not create or contribute to runoff water which would exceed capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff. Potential impacts to surface water quality would be less than significant. Further, the Proposed Project would comply with LAMC Section 64.70, Stormwater Runoff and Urban Pollution Control, and all applicable laws and regulations pertaining to stormwater runoff and water quality would ensure impacts are reduced to a less than significant level.

f) Would the project otherwise substantially degrade water quality?

No Impact. A significant impact may occur if a project includes potential sources of water pollutants that would have the potential to substantially degrade water quality. The Proposed Project does not include potential sources of contaminants, which could potentially degrade water quality and would comply with all federal, state and local regulations governing stormwater discharge. Therefore, no impact would occur.

g) Would the project place housing within a 100-year flood hazard area as mapped on a federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map?

No Impact. A significant impact would occur if the Project were to place housing within a 100-year flood hazard area. A 100-year flood is defined as a flood which results from a severe rainstorm with a probability of occurring approximately once every 100 years. According to the Federal Emergency Management Agency (FEMA), the Project Site is not located in an area designated as a 100-year flood hazard area. The Project Site in a zone designated as Zone X, which signifies that the area is outside the 0.2% annual chance floodplain.[24] Therefore, the Proposed Project would not place housing within a 100-year flood hazard area, and no impact would occur.

h) Would the project place within a 100-year flood hazard area structures which would impede or redirect flood flows?

No Impact. A significant impact may occur if the Project was located within a 100-year flood zone, which would impede or redirect flood flows. The Project Site is not in an area designated as a 100-year flood hazard area as mapped by the FEMA's Flood Insurance Rate Map. The Project Site is in a zone designated as Zone X, which signifies that the area is outside the 0.2% annual chance floodplain.[25] The Project Site is located in an urbanized area. As no changes to the local drainage pattern would occur with implementation of the Proposed Project, the Proposed Project would not have the potential to impede or redirect floodwater flows. Therefore, no impact would occur.

---

[24] *Federal Emergency Management Agency (FEMA), Flood Insurance Rate Map, Los Angeles County, California and Incorporated Areas, Map number 06037C1629F, September 26, 2008.*

[25] *Ibid.*

i) Would the project expose people or structures to a significant risk of loss, injury or death involving flooding, including flooding as a result of the failure of a levee or dam?

Less Than Significant Impact. A significant impact may occur if the Proposed Project exposes people or structures to a significant risk of loss or death caused by the failure of a levee or dam, including but not limited to a seismically-induced inundation. A review of the City of Los Angeles General Plan Safety Element, the Proposed Project lies within a potential inundation area for an earthquake-induced dam failure from the Devil's Gate Dam.[26] [27] However, this reservoir, as well as others in California, are continually monitored by various governmental agencies (such as the State of California Division of Safety of Dams and the U.S. Army Corps of Engineers) to guard against the threat of dam failure. Current design and construction of practices and ongoing programs of review, modification, or total reconstruction of existing dams are intended to ensure that all dams are capable of withstanding the maximum considered earthquake. Therefore, the potential for inundation at the Project Site as a result of an earthquake-induced dam failure is considered low. Therefore, a less than significant impact would occur.

j) Would the project expose people or structures to a significant risk of loss, injury or death involving inundation by seiche, tsunami, or mudflow?

No Impact. A significant impact would occur if the Project Site is sufficiently close to the ocean or other water body to be potentially at risk of the effects of seismically-induced tidal phenomena (i.e., seiche and tsunami), or if the Project Site is located adjacent to a hillside area with soil characteristics that would indicate potential susceptibility to mudslides or mudflows. Seiches are large waves generated in very large enclosed bodies of water or partially enclosed arms of the sea in response to ground shaking.

The Geotechnical Investigation finds that the Project Site is not located within a coastal area. Therefore, tsunamis, seismic sea waves, are not considered a significant hazard at the Project Site. Additionally, no major water-retaining structures are located immediately up gradient from the Project Site. Flooding from seismically-induced seiche is considered low.

The Project Site and the surrounding area are urbanized and relatively flat. The Project's Geotechnical Investigation finds that the Project Site is not located within a landslide area. Additionally, the Project Site is not within an area identified as having a potential for seismic slope instability.[28] Thus, the occurrence of mudflows on the Site is considered remote. Therefore, the Project Site is not subject to slope instability, tsunamis, and seiches. Therefore, no impact would occur.

---

[26] *City of Los Angeles Department of City Planning, General Plan Safety Element, Safety Element Exhibit G: Inundation & Tsunami Hazard Areas In the City of Los Angeles, March 1994.*

[27] *Geocon West, Inc., Geotechnical Investigation Proposed Mixed-Use Residential Development 141 West Avenue 34, Los Angeles, California, July 23, 2015.*

[28] *Ibid.*

Cumulative Impacts

Less Than Significant Impact. Development of the Proposed Project in combination with the three related projects would result in the further infilling of uses in a developed area within the City of Los Angeles. As discussed above, the Project Site and the surrounding areas are served by the existing storm drain systems. Runoff from the Project Site and adjacent urban uses is typically directed into the adjacent streets, where it flows to the nearest drainage improvements. It is likely that most, if not all, of the related projects would also drain to the surrounding street system. However, little if any additional cumulative runoff is expected from the Proposed Project and the related project sites. Under the requirements of the LID Ordinance, each related project would be required to implement stormwater BMPs to retain or treat the runoff from a storm event producing ¾-inch of rainfall in a 24-hour period or the rainfall from an 85th percentile 24-hour runoff event, whichever is greater. Mandatory structural BMPs in accordance with the NPDES water quality program will therefore result in a cumulative reduction to surface water runoff, as the development in the surrounding area is limited to infill developments and redevelopment of existing urbanized areas. Therefore, the Proposed Project would not make a cumulatively considerable contribution to impacting the volume or quality of surface water runoff, and cumulative impacts to the existing or planned stormwater drainage systems would be less than significant. Therefore, cumulative water quality impacts would be less than significant.

X. LAND USE AND PLANNING

a) Would the project physically divide an established community?

No Impact. A significant impact may occur if the project would be sufficiently large enough or otherwise configured in such a way as to create a physical barrier within an established community. According to the *L.A. CEQA Thresholds Guide*, the determination of significance shall be made on a case-by-case basis considering the following factors: (a) the extent of the area that would be impacted, the nature and degree of impacts, and the types of land uses within that area; (b) the extent to which existing neighborhoods, communities, or land uses would be disrupted, divided or isolated, and the duration of the disruptions; and (c) the number, degree, and type of secondary impacts to surrounding land uses that could result from implementation of the Proposed Project.

The Project Site is located in an urbanized area within the Northeast Los Angeles community and is consistent with the existing physical arrangement of the properties within the vicinity of the Project Site. No separations of uses or disruption of access between land use types would occur as a result of the Proposed Project. The Proposed Project would improve the Project Site with the development of a creative campus that includes many public pathways and open space areas that would engage the surrounding community. Further, the Proposed Project would incorporate pedestrian scale commercial and creative office uses along Pasadena Avenue, which promotes pedestrian activity along Pasadena Avenue. The Project's design, open spaces, and layout promotes a community environment, as compared to the existing development on-site that is currently fenced off and is developed with light industrial and warehouse uses. Accordingly, implementation of the Proposed Project would not disrupt or divide the physical arrangement of the established community, and development of the Project would create an engaging environment and add public amenities to the area. Therefore, no impact would occur.

b) Would the project conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project (including, but not limited to the general plan, specific plan, local coastal program, or zoning ordinance) adopted for the purpose of avoiding or mitigating an environmental effect?

Less Than Significant Impact. A significant impact may occur if a project is inconsistent with the General Plan or zoning designations applicable to the Project Site, and would cause adverse environmental effects, which the General Plan and zoning designations are created to avoid or mitigate.

The Proposed Project would include the development of a creative campus that would include 372 residential units, 30,000 square feet of creative offices, and 10,000 square feet of new retail and restaurant space. As part of the Proposed Project, the large warehouse building (86,712 square feet), the 4,033 square foot building on the southeast, a portion of the 3,521 square foot building on the southwest side of the Project Site, and 16,055 square feet of the 24,018 square foot building that fronts Pasadena Avenue would be demolished. The remaining 7,963 square feet of the aforementioned 24,018 square foot building and the remaining portion of the small building located on the southwest corner of the Project Site would be rehabilitated as part of the Proposed Project.

The Project Site is zoned [T][Q]CM-2D with a land use designation of Commercial Manufacturing. The CM designation indicates that the Project Site has no guidelines for height; required yards shall comply with R4 requirements for residential portions of the Project Site, and the minimum lot area shall comply with R3 requirements for residential uses. Allowable uses within a CM zone include wholesale, storage, clinics, limited manufacturing, limited C2 uses, and R3 uses. The Project Site is located within Height District 2, which imposes no height limitations for the Project Site. There are three conditions on the Project Site, which are put in place by Ordinance No. 179,280, these include: a permanent tentative zone classification ([T]), a qualified classification ([Q]), and a development limitation (D). The "D" Development Limitation designation limits the FAR on-site to 3:1. The [Q] Qualified Classification imposes general conditions to on-site uses, parking, and design conditions (site planning, pedestrian access, building design architectural details, walls and fences, landscaping, and mechanical, security, and trash equipment). The complete list of [Q] Conditions are identified in Section II, Project Description. The following highlights relevant provisions of the [Q] condition as it pertains to new development at the Project Site:

- **Use:** There shall be no 100% Commercial projects allowed. There shall be no 100% Residential projects allowed.
- **Parking:** Surface Parking cannot exceed 20% of the total lot area; No parking areas shall face Pasadena Avenue; All Residential parking must be below grade; and Residential and mixed-use projects shall share parking required by the LAMC during off-hours.
- **Yards:** Pasadena Avenue must be designated as a Front Yard. Ground floor commercial uses shall be built to the property line, except where outdoor dining and public areas are provided.
    - Side and rear yards per the underlying CM Zone, which require yards in accordance with the R4 Zone:
        - Side: 5 feet, plus 1 foot for each story over 2nd floor.
        - Rear: 15 feet, plus 1 foot for each story over 3rd floor.

- **Other:**
  - Pasadena Avenue shall have commercial-facing uses.
  - 30% of the Subarea shall be open space and/or paseos
  - Building Breaks shall be provided at various locations within the site.
  - 1 tree provided per each 1,000 sf. of Land Area; 50% of common open space shall be landscaped.

The Project Site is located within the East Los Angeles State Enterprise Zone, an Adaptive Reuse Incentive Area, and a Transit Priority Area per the Department of City Planning's Zoning Information File ZI No. 2452. Although the Project Site was initially mapped within the boundaries of the proposed Cornfield Arroyo Specific Plan (CASP), the Project Site was subsequently omitted from the CASP boundaries when it was adopted. The Project Site is uniquely located in Subarea 4 of Ordinance 179,280. The intent of Ordinance No. 179,280 is to change the zones and height districts of identified properties in order to promote mixed-use development in close proximity to a transit station. The applicable [Q] Conditions and D Limitations established in the Ordinance are identified in Section II, Project Description.

As part of the requested entitlements, the Applicant is requesting the clarification of "Q" Condition A.1.c of Ordinance No. 179,280 which reads as follows: "A minimum of 50% of the non-residential floor area shall be limited to Neighborhood Retail and Neighborhood Services as permitted by LAMC 13.07C." Those uses as defined in LAMC 13.07C are as follows:

> **"Neighborhood Retail"** Neighborhood retail uses shall be limited to retail sale of goods needed by residents and patrons of a Pedestrian Oriented District, including: Art galleries, Art supplies, Athletic/sporting goods, Bakeries, Books or cards, Bicycle sales and repairs, Clock or watch sales and/or repair, Clothing, Computer sales and repair, Drug stores, Fabrics or dry goods, Florists, Food/grocery stores, including supermarkets, produce, cheese and meat markets and delicatessens, Hardware, Household goods and small appliances, Newsstands, Photographic equipment and repair, Sit Down Restaurants, excluding drive-through service, Stationery, Toys; and Other similar retail goods as determined by the Zoning Administrator.
>
> **"Neighborhood Services"** Neighborhood services are those services used by residents and patrons on a regular basis, including: Barber shop or beauty parlor, Blueprinting, Child care facility, Club or lodge, bridge club, fraternal or religious associations, Copying services, Custom dressmaking, Dry cleaner, Financial services, Laundry or self-service Laundromat, Locksmith, Optician, Photographer, Shoe repair, Tailor, and other similar services as determined by the Zoning Administrator.

The Project proposes 30,000 square feet of creative office space and 10,000 square feet of more traditional retail space. However, the world of "creative office" has expanded significantly to expressly accommodate new smaller entrepreneurial businesses and neighborhood incubator uses. Furthermore, of the above list, as highlighted above, more than 50% of the express uses specified as neighborhood-serving uses may be conducted in either a traditional retail storefront, or within a less conventional creative office complex, in which flexible space and flexible work-space is the national trend to promote the long-term utilization of spaces.

The Applicant is requesting the clarification of "non-residential" to be interpreted to permit a variety of neighborhood-serving commercial support services, which may include both offices/businesses, and other commercial retail services. The design of the Proposed Project would more than achieve the intent of this "Q" Clarification by also providing the availability for goods and services sale and production in *residential* portions of the building through the provision of residential units throughout the Project Site. However, the "Q" Clarification as currently interpreted will limit the feasibility of the Project by shrinking the floor area available for creative office on-site to only accommodate "business" in the traditional sense of a Class "A" office space.

With respect to the applicable yard requirements, the Applicant is seeking approval of a Zoning Administrator's Adjustment pursuant to LAMC Section 12.28.A to permit the maintenance of a minimum 0-foot side yard in lieu of 8-feet, as required by LAMC 12.17.1.C, to preserve existing buildings on-site with non-conforming yards. These adjustments are necessary as they apply to existing buildings that are non-conforming to the yard requirements and are proposed to be retained and re-used as part of the Project.

The proposed mixed-use Project is permitted by the underlying CM zoning, as well as the Commercial Manufacturing classification by the Northeast Los Angeles Community Plan.

Regional Plans

SCAQMD Air Quality Management Plan. The Proposed Project is located within the South Coast Air Basin (Basin) and, therefore, falls under the jurisdiction of the SCAQMD. In conjunction with SCAG, the SCAQMD is responsible for formulating and implementing air pollution control strategies. The SCAQMD's Air Quality Management Plan (AQMP) was recently updated in 2003 to establish a comprehensive air pollution control program leading to the attainment of State and federal air quality standards in the Basin, which is a non-attainment area. The most recent AQMP was adopted on December 7, 2012. The Proposed Project conforms to the zoning and land use designations for the Project Site as identified in the General Plan, and, as such, would not add emissions to the Basin that were not already accounted for in the approved AQMP. Furthermore, as noted in Section 3, Air Quality, the Proposed Project would not exceed the daily emission thresholds during the construction or operational phases of the Proposed Project. Therefore, the Proposed Project would be consistent with the AQMP.

SCAG Regional Comprehensive Plan. The Project Site is located within the six-county region that comprises the SCAG planning area. The SCAG Regional Comprehensive Plan (RCP) includes growth management policies that strive to improve the standard of living, maintain the regional quality of life, and provide social, political, and cultural equity. The Proposed Project would be consistent with policies set forth in the RCP, as the Project is an infill development and would develop a fully developed, underutilized lot with a transit adjacent mixed-use creative campus, which is consistent with both local and regional plans for growth and development. Thus, as the Proposed Project would generate approximately 1,216 new residents in a high priority transit area and would not exceed regional growth projections, the Proposed Project would be consistent with SCAG growth projections (see Checklist Question VIII, Population and Housing).

Local Plans

City of Los Angeles General Plan

The General Plan is a comprehensive, long-range declaration of purposes, policies and programs for the development of the City. The General Plan is a dynamic document consisting of 11 elements, which include a Framework Element, Air Quality Element, Conservation Element, Housing Element, Noise Element, Open Space Element, Service Systems Element / Public Recreation Plan, Safety Element, Mobility Element, a Plan for a Healthy Los Angeles, and the Land Use Element. The Land Use Element is comprised of 35 community plans.[29]

Those elements that would be most applicable to the Proposed Project are the Framework Element and the Housing Element. The Framework Element provides citywide guidelines and a foundation in which Community Plans and other General Plan Elements can base their more specific goals, objectives, and policies on. The Project would promote the Framework Land Use Chapter's objectives and policies for multi-family development. These objectives and policies include: provide for the stability and enhancement of multi-family residential neighborhoods and allowing for growth in areas where there is sufficient public infrastructure and services and the residents' quality of life can be maintained or improved; accommodate the development of multi-family residential units in areas designated in the community plans in accordance with the zoning densities; and improve the quality of new multi-family dwelling units based on the urban form and neighborhood design standards.

The Proposed Project would conform to the General Plan Framework Housing Chapter and the Housing Element goals by enhancing housing supply in the City. The Project provides the area with greater diversity in type and cost of housing that increases housing opportunities for a larger range of income levels. The Project's 372 dwelling units would also be accessible to all persons without discrimination. Additionally, the Proposed Project would reserve 11 percent of its base density residential units (approximately 31 dwelling units) for very low income tenants. The development would generate new residents that are within close proximity to bus and rail lines, Arroyo Seco Parkway (SR-110), and commercial and industrial areas that provide services and job opportunities. Additionally, the Proposed Project would enhance the surrounding community by developing an infill site, which currently contains industrial and warehouse land use, with a pedestrian friendly development.

Los Angeles Municipal Code

The Proposed Project would not conflict with the goals, objectives, and allowable land uses in the Northeast Los Angeles Community Plan and the LAMC. The General Plan land use designation for the Project Site is Commercial Manufacturing and the zoning designation is [T][Q]CM-2D, which allows for residential, commercial retail/restaurant, and office land uses. The Proposed Project would be comprised of multi-family residential uses, creative office, and retail/restaurant uses. Residential uses are permitted

---

[29] *City of Los Angeles Department of City Planning, General Plan Elements, website: http://cityplanning.lacity.org/, accessed August 2016.*

on lots zoned for CM uses that are located within the Northeast Los Angeles CPA. Therefore, the Proposed Project would conform to the allowable land uses pursuant to the LAMC.

The Project Site's total lot area consists of approximately 219,320 square feet (5.03 acres) and 203,960 square feet of buildable area. The Project Site is currently improved with four light industrial and warehouse buildings and paved surface loading and parking areas. The Proposed Project includes the construction of a creative campus that would include five buildings. The Proposed Project would include a total of 372 residential dwelling units, 30,000 square feet creative office space, and 10,000 square feet of retail/restaurant space.

Floor Area

The Project Site is zoned [T][Q]CM-2D with the land use designation of Commercial Manufacturing. The corresponding zones for Commercial Manufacturing are the CM and P Zones. Height District No. 2 does not specify a building height limit; although the 'D' designation limits floor area ratio on-site to FAR 3:1. The Project Site is approximately 219,320 gross square feet and has a buildable area of 203,960 square feet. As such, allowable FAR on-site is 611,880 square feet. The Proposed Project would provide approximately 524,600 square feet of floor area for an approximate 2.6:1 FAR. Therefore, development of the Proposed Project is within the allowable floor area ratio for the Project Site, and a less than significant impact would occur.

Density

Pursuant to LAMC Section 12.17.1.A.1, residential land uses are permitted in a CM Zone with compliance with all the regulations of the R3 Zone, with the exception of any required front yard setbacks. As such, residential uses on the Project Site are limited to one dwelling unit per 800 square feet (or approximately 275 dwelling units for the Project Site based on a lot area of 219,320 square feet). The Proposed Project would reserve eleven percent of its base density (approximately 31 dwelling units) as very low income units. As such, the Proposed Project would include a ministerial density bonus pursuant to LAMC Section 12.22 A.25 for a 35 percent increase in permitted density to allow for 372 dwelling units in lieu of the base density of 275 dwelling units. Therefore, the Proposed Project would be consistent the permitted density for the Project Site. Therefore, a less than significant impact would occur.

Open Space

Open space is provided in accordance with Ordinance 179,280 and LAMC 12.21.G. Pursuant to LAMC 12.21.G, the Project Site is required to provide 39,575 square feet of usable open space for Project residents. In addition to the LAMC requirement for common open space, Ordinance 179,280 further establishes a [Q] Condition (See [Q] Condition B.1.e) which requires a minimum of 30% of the Subarea shall be devoted to publicly accessible open space and pedestrian paths that shall be accessible beginning at dawn and ending at dusk or close of on-site businesses, whichever occurs later. This condition would require 64,744 square feet of publicly available open space. The Proposed Project is providing 64,744 square feet of publicly accessible open space on-site in accordance with the [Q] condition and 39,575 square feet of open space on-site exclusively for residents and their guests. Refer to Table II-3, located in the Project Description, for proposed open space on site. Thus, the Proposed Project would be consistent

with the open space requirements for the Project Site. Therefore, a less than significant impact would occur.

The Proposed Project contains a complex network of public and common open space in a network of connecting paseos, plazas, and gardens. Two indoor community rooms would be provided in Building B. An outdoor pool would be available for residents at the southwest corner of the Project Site, as well as an on-site fitness facility.

In accordance with LAMC Section 12.21 G.2(a)(3), a minimum of 25 percent would be landscaped with a variety of drought-tolerant plant species. The proposed landscaping plan provides a mix of ground cover and trees to compliment the architecture. The Applicant envisions a landscape palette that evokes relationship with the nearby river and Arroyo, using species and materials that mirror the Arroyo ecology. The plant material would be selected for temperature hardiness and low water use.

Parking

As discussed previously in this Section, the Proposed Project meets all of the requisite criteria of a Transit Oriented Infill Project pursuant to SB 743. SB 743, now codified as law under Public Resources Code 21099 provides that "aesthetic and parking impacts of a residential, mixed-use residential, or employment center project on an infill site within a transit priority area shall not be considered significant impacts on the environment." Accordingly, the Proposed Project's parking impacts shall not be considered significant impacts on the environment as a matter of law under Public Resources Code Section 21099. The following impact discussion is provided for informational purposes only.

The Proposed Project would provide 467 total on-site parking spaces provide in one level of subterranean parking beneath the Project Site and at grade. The subterranean levels serve as a basement with vehicle parking and storage and is accessed by two ramps accessed off of Avenue 34. Residential parking is provided in accordance with AB 744, which allows a parking ratio of 0.5 parking spaces per bedroom for a development that includes the maximum percentage of low- or very low-income units and is located within ½ mile of a major transit stop and there is unobstructed access to the transit stop from the development. The Proposed Project requires 233 residential parking spaces, and is proposing to provide 384 residential parking spaces and 3 residential guest parking spaces, which complies with the LAMC code requirement.

For the creative office and retail/restaurant element, the Proposed Project would be required to provide one space for every 500 square feet of office per LAMC 12.21 A.4(x)(3)6, which governs parking requirements in Enterprise Zones for "combined gross floor area of commercial office, business, retail, restaurant, bar, and related uses..." As such, the Project requires 80 non-residential parking spaces, and is providing 80 spaces, which is in compliance with LAMC code requirements.

The Proposed Project is also required to provide a minimum of one long-term bike parking space per unit and one short-term parking space for every 10 units for a total of 409 residential bike parking spaces: 372 long-term and 37 short term. The Proposed Project would provide a total of 409 residential bike parking spaces. The retail/restaurant portion of the Project requires one short-term and one long-term space per 2,000 square feet for a total of 5 short-term and 5 long-term spaces. The creative office portion of the Project requires one short-term space per 10,000 square feet and one long-term space per 5,000 square

feet for a total of 3 short-term spaces and 6 long-term spaces. Thus, the Proposed Project would be required to provide a total of 428 bicycle parking spaces. The Proposed Project would comply with the LAMC and provide 428 bicycle parking spaces.

Exposure to Poor Ambient Air Quality

The Project Site is located within 1,000 feet of the Arroyo Seco Parkway (SR-110), which is located to the north and west of the Project Site. The future occupants of the Proposed Project would be exposed to poor air quality emissions from vehicles traveling on these roadways. While recent court rulings[30] have found that CEQA does not require an analysis of the impacts of the environment on a project, the AQMD and the City Planning Commission continue to recommend that, prior to the approval of a project, the impacts of air pollutants on people who would live in a new project are addressed and appropriately mitigated to the extent feasible. Pursuant to the City Planning Commission's Freeway Adjacent Advisory Notice for Sensitive Uses (ZI-2427)[31], a detailed Health Risk Assessment was conducted for the Proposed Project to determine the carcinogenic risks associated with developing residential land uses within proximity to the freeway.[32] The Project Site is located approximately 210 feet from the 110 Freeway at the closest point and is located adjacent to the Metro Gold Line light railway. As such, the Proposed Project's future residents, employees, and visitors would be exposed to exhaust emissions from the nearby freeway.

As concluded in the HRA, the Project Site's worst-case ground level location would be exposed to cancer risks below 10 per one million for the 9-year and 30-year residential scenarios, and the 25-year worker scenario. While cancer risks would exceed 10 per one million under the 70-year residential scenario, the following disclosure from OEHHA (2015) should be considered. The 9 and 30-year durations correspond to the average and high-end of residency time recommended by U.S. EPA (1997). The California data presented in Appendix L of the Exposure TSD (OEHHA, 2012) are generally supportive of the nationwide data. The 9 and 70-year exposure durations present potential impacts over the range of residency periods, while the 30-year exposure duration is recommended for use as the basis for estimating cancer risk at the maximally exposed individual resident (MEIR) in all HRAs. The Project Site's worst-case ground level location would be exposed to cancer risks below 10 per one million for the 30-year residential scenario. The Freeway Adjacent HRA also concluded all acute and chronic health hazard indices would also be under the SCAQMD recommended threshold of 1.0 (1.0 E-6). In addition, the Proposed Project would not have significant adverse land use consistency issues associated with heavy rail, distribution centers/heavy trucking, industrial facilities, dry cleaners, or gas dispensing facilities. In conclusion, with the installation of MERV 13 filtration, as required by Ordinance No. 184,245 (Clean Up Green Up) for all mechanically ventilated buildings within 1,000 feet of a freeway, and the consideration of the additional strategies aimed at improving future occupants' exposure to ambient air quality

---

[30] *California Building Industry Association v Bay Area Air Quality Management District (S213478, December 17, 2015).*

[31] *ZI NO. 2427: Freeway Adjacent Advisory Notice For Sensitive Uses; following link accessed February 2016: http://zimas.lacity.org/documents/zoneinfo/ZI2427.pdf*

[32] *Pomeroy Environmental Services, Health Risk Assessment Avenue 34 Project 123-167 W. Avenue 34; 3401-3437 N. Pasadena Avenue, Los Angeles, California 90031, October 2016.*

conditions, the Proposed Project would be consistent with the requirements of City of Los Angeles Planning Commission ZI No. 2427. As such, impacts associated with the future occupant's exposure to ambient air quality would be less than significant.

East Los Angeles State Enterprise Zone

The Project Site is located in the East Los Angeles State Enterprise Zone, which "provide[s] economic incentives to stimulate local investment and employment through tax and regulation relief and improvement of public services." Projects located within a State Enterprise Zone are afforded certain incentives for development related to reduced parking for commercial/retail uses, and a waiver of Site Plan Review entitlement fees. The Project proposes approximately 372 dwelling units and 40,000 square feet of commercial space and is thereby eligible for the Site Plan Review fee waiver and reduced required commercial parking ratio of two parking spaces for every one thousand square feet.

Adaptive Reuse Incentive Area

The Project Site is also within an Adaptive Reuse Incentive Area (Ordinance No. 175,038). Adaptive reuse is defined as any change of an existing non-residential use to new dwelling units, guest rooms, or joint living and working quarters in all or in any portion an eligible building. The Proposed Project includes the rehabilitation of approximately 7,963 square feet of the 24,018 square foot building on-site, and a portion of the 3,521 square foot building on the southwest corner of the Project Site. The existing floor area is currently used as light manufacturing and commercial uses, and the Proposed Project intends to rehabilitate and use the existing floor area as commercial and office uses. As such, the Proposed Project would not be providing dwelling units, guest rooms, or live-work units within the rehabilitated buildings. The Proposed Project does not anticipate any adaptive reuse of the existing buildings. Thus, the permissions of the Adaptive Reuse Ordinance are not applicable to the Proposed Project.

Transit Priority Area (Zoning Information 2452)

On September 2013, the Senate Bill (SB) 743 was signed into law, which instituted changes to the California Environmental Quality Act (CEQA) when evaluating environmental impacts to projects located in areas served by transit. SB 743 states that project's aesthetics and parking impacts shall not be considered a significant impact on the environment if: (1) the Project is a residential, mixed-use residential, or employment center project, and (2) the project is located on an infill site within a transit priority area. SB 743 is further discussed in Section 1, Aesthetics, and in this Section. The Project Site is designated as a Transit Priority Area and is within ¼ mile of the Heritage Square Station of the Metro Gold Line. As such, the Proposed Project is eligible for parking reductions and other incentives offered for transit oriented district projects.

Public Resources Code 21099 provides that "aesthetic and parking impacts of a residential, mixed-use residential, or employment center project on an infill site within a transit priority area shall not be considered significant impacts on the environment." Accordingly, the Proposed Project's aesthetic and parking impacts shall not be considered significant impacts on the environment as a matter of law under Public Resources Code Section 21099.

Cornfield Arroyo Specific Plan

The Project Site is located within the boundaries of the Cornfield Arroyo Specific Plan Study Area but is excluded from the provisions of the Specific Plan. The Project Site was specifically exempted from rezoning and or land use classification modification under the Specific Plan.[33] Instead, the Project Site is uniquely regulated by a specific set of development standards and guidelines established by Ordinance 179,280 independent from the surrounding Specific Plan Area. Therefore, the underlying provisions of the LAMC and Ordinance 179,280 prevail and are the basis for all development standards and guidelines for the Project Site.

Northeast Los Angeles Community Plan

The Project Site is located within the Lincoln Heights neighborhood within the Northeast Los Angeles Community Plan area (CPA). All development activity on the Project Site is subject to the land use regulations of the Community Plan. A detailed analysis of the Proposed Project's consistency with the applicable provisions of the Northeast Los Angeles Community Plan is presented in Table III-9, below. As discussed in Table III-9, the Project would be in substantial compliance with the applicable provisions of the Northeast Los Angeles Community Plan.

[33] *City of Los Angeles Department of City Planning, Cornfield Arroyo Seco Specific Plan, page 1-18.*

Table III-9
Project Consistency Analysis with Applicable Provisions
in the Northeast Los Angeles Community Plan

Goal/Objective/Policy	Comments
Residential	
Goal 1: A safe, secure, and attractive residential environment for all economic, age, and ethnic segments of the community.	The Los Angeles Police Department (LAPD) would be consulted during the design and construction of the Proposed Project to ensure on-site security and reduce dead zones and attractive nuisances. The Proposed Project would implement principles of the City of Los Angeles Crime Prevention through Environmental Design (CPTED) Guidelines to enhance on-site security. The Proposed Project would be attractively designed and landscaped to encourage pedestrian activity on-site and in the vicinity. The 372 proposed dwelling units would be available to all persons without discrimination. Additionally, the Proposed Project would reserve approximately 31 dwelling units for very low income tenants. As such, the Proposed Project would be consistent with this Goal.
Policy 1-1.1: Protect existing stable single-family and other lower density residential neighborhoods from encroachment by higher density residential and other uses that are incompatible as to scale and character or would otherwise diminish the quality of life.	The Proposed Project would introduce the development of a creative campus that would provide 372 multi-family dwelling units. Low Medium II Residential land uses are located to the southeast of the Project Site, along Pasadena Avenue. Low Medium Residential and Low/ Low I Residential neighborhoods are located further south and east from the Project Site, respectively. The Project Site is zoned [T][Q]CM-2D and has a corresponding General Plan land use designation of Commercial Manufacturing. Land uses to the immediate north and south are designated as hybrid industrial; land uses to the west are designated as public facilities (railroad right-of-way) and hybrid industrial; land uses to the east are designated as public facilities (elementary school) and low medium II residential (multi-family development). General Plan Land Use designation of Low / Low I Residential (single-family development) exists northeast of the Project Site along the north side of Avenue 35 and east of the Project Site, east of Griffin Avenue. Low-density residential neighborhoods do not immediately abut the Project Site. The Proposed Project would not encroach on the single-family neighborhoods. The design of the Proposed Project would ensure that the Project is visually consistent with the scale and massing of the surrounding community. The Proposed Project would not diminish the quality of life in the neighborhood. Thus, the Proposed Project would be consistent with this Policy.
Objective 1-2: To allocate land for new housing to accommodate a growth of population that is consistent with and promotes the health, safety, welfare, convenience, and pleasant environment of those who live and work in the community based on adequate infrastructure and government services, especially schools.	The Proposed Project would be inconsistent with this Objective if the population generated by the project would exceed SCAG's or the Community Plan's population growth forecasts, or if the Project would cause public services or utilities to operate beyond capacity. As discussed in Section XIII, Population and Housing, the Proposed Project's generation of 1,216 permanent residents is within the population growth forecasts for the CPA. The CPA forecasted a housing total of approximately 76,551 dwelling units for 2010, and the 2010 Census shows a housing stock total of approximately 77,817 dwelling units. Therefore, there are 1,266 existing units beyond what was projected for the CPA in

	2010. As such, the Project would be contributing to the increase of dwelling units within the CPA. However, it is worth noting that the projections in the Community Plan are outdated and do not reflect the updated Citywide projections as reported to SCAG for purposes of the RTP/SCS and the updated demographic data as presented in the adopted Regional Housing Needs Assessment. Nevertheless, as discussed in Section XIV. Public Services, and Section XVII. Utilities and Service Systems, the Proposed Project would not create a significant impact that cannot be mitigated to a less than significant level for all public services, utilities, and service systems, including schools. Therefore, the Proposed Project is consistent with this Objective and promotes the health, safety, welfare, convenience, and pleasant environment of the Northeast Los Angeles CPA.
Policy 1-2.1: Designate specific areas to provide for adequate residential development to accommodate anticipated increases in population while maintaining a balance between single-family and multiple-family uses.	The Project Site is currently used for light industrial and warehouse uses. As such, development of the Project Site would not displace any single-family or multiple-family housing. As discussed above, the Project proposes the development of 372 dwelling units on a site that allows for such development. As discussed above, multi-family land uses exist along Pasadena Avenue south of the Project Site. Single-family land uses exist further northeast and east from the Project Site. Development of the Project is consistent with the zoning and land use designation for the Project Site and would be consistent with land uses in the area. The Project would not encroach onto single-family neighborhoods. Additionally, the Project's expected 1,216 new permanent residents are within the CPA's projected population for 2010. Therefore, the Proposed Project is consistent with this Policy.
Policy 1-2.2: Locate higher residential densities near commercial and institutional centers, light rail transit stations, and major bus routes to encourage pedestrian activity and use of public transportation, providing that infrastructure, public service facilities, utilities, and topography will fully accommodate this development.	Pursuant to SB 743, the Project qualifies as a transit infill project (discussed in Section 1, Aesthetics). The Proposed Project would be placing higher density residential development within approximately ¼ mile from the Heritage Square Arroyo Transit Station. The Heritage Square Arroyo Station is an existing rail transit station that serves the Metro Light-Rail Gold Line running between Downtown Los Angeles and the City of Pasadena. Further, the Proposed Project includes the development of 30,000 square feet of creative offices and 10,000 of retail/restaurant uses that would supplement existing commercial and institutional land uses in the vicinity of the Project Site. As such, the Proposed Project would be placing higher density residential near commercial, institutional, and transit opportunities. Pursuant to Ordinance No. 179,280, the Proposed Project reserves 30 percent (approximately 64,744 square feet) of the Project Site as publicly accessible open space. The Proposed Project includes public open space, paths, and landscaped areas throughout the Project Site. The Proposed Project's community-oriented design, public accessibility, location near public transportation and job opportunities encourages pedestrian activity in the Project Site area. As further discussed in Section XIV, Public Services, and Section XVII, Utilities and Service Systems, the Project would

	be adequately served by existing public services and utilities. As such, the Proposed Project would be consistent with this policy.
Policy 1-2.3: Encourage mixed-use development in selected commercially-zoned areas.	The Project Site is zoned for commercial development. The Project Site is also located within a Transit Priority area that encourages mixed-use, infill development near major transit centers. The Proposed Project includes the development of a creative campus that utilizes mixed-use development and integrates residential and commercial uses on-site. As such, the Proposed Project is consistent with this Policy.
Objective 1-3: To preserve and enhance the residential character and scale of existing single- and multi-family neighborhoods.	As discussed above, the Project Site is not located within a single-family or multi-family residential neighborhood. Although, multi-family residential development is located along Pasadena Avenue, southeast of the Project Site. The Proposed Project would add multi-family residential development and commercial development to the community in a manner that would be consistent with the existing neighborhood and allowed land uses on-site. The Proposed Project's commercial component and publicly accessible open space would promote pedestrian activity along abutting thoroughfares and within the Project Site, which would enhance and promote a community environment.
Policy 1-3.1: Protect the quality and scale of the residential environment through attention to the appearance of new construction including site planning and compatible building design.	The Proposed Project would develop an underutilized site with a creative campus that would include 372 dwelling units and 40,000 square feet of retail and office space within five buildings. The Proposed Project would be designed, including building siting, architectural design, architectural materials, and landscaped to be visually consistent with the surrounding neighborhood and promote pedestrian activity on-site and along abutting thoroughfares. Additionally, the Proposed Project would require a Site Plan Review from the City of Los Angeles. Thus, all design and construction plans would be approved by the City of Los Angeles. The Proposed Project would be consistent with this Policy.
Policy 1-3.2: Consider factors, such as neighborhood character and aesthetics, identity; compatibility of land uses; impacts on livability, services, public facilities, and traffic levels, when changes in residential densities are proposed.	The Proposed Project would reserve eleven percent of its base density (approximately 31 dwelling units) as very low income units. As such, the Proposed Project would include a ministerial density bonus pursuant to LAMC Section 12.22 A.25 for a 35 percent increase in permitted density to allow for 372 dwelling units in lieu of the base density of 275 dwelling units. The density bonus would allow a higher residential density than the baseline density. The Project Site is a in a Transit Priority Area and within close proximity to job opportunities and public services. With the compliance to regulatory compliance measures and implementation of identified mitigation measures, the Proposed Project would result in no impact or a less than significant impact to aesthetics, public services, recreation, utilities, and transportation and traffic. Further, development of the Proposed Project would promote a community environment and pedestrian activity on the Project Site and along Pasadena Avenue and Avenue 34, which currently does not exist. Therefore, the Proposed Project would improve livability and services in the area. As such, the Proposed Project would be consistent with this Policy.
Objective 1-6: To promote and ensure the	The Proposed Project's 372 dwelling units would be available

provision of fair and equal housing opportunities for all persons regardless of income and age groups or ethnic, religious, or racial background.	to all persons without discrimination. Thus, the Proposed Project would be consistent with this Objective.
Policy 1-6.1: Promote individual choice in type, quality, price, and location of housing.	The Proposed Project increases the diversity of the housing stock within the CPA; thus, increasing individual choice in type, quality, price, and location of housing. The Proposed Project would support this Policy.
Policy 1-6.2: Promote mixed use in all multiple-family residential projects in commercial zones.	The Project Site is zoned [T][Q]CM-2D and has a corresponding land use designation of Commercial Manufacturing. The Project proposes a creative campus that would include mixed-use development and integration of residential and commercial uses on-site. As such, the Proposed Project would be consistent with the Policy.
Policy 1-6.3: Ensure that redevelopment activity minimizes displacement of residents.	The Project Site is currently developed with warehouse and light industrial land uses. As such, there are no current residents on-site, and the Proposed Project would not displace any residents. Therefore, the Proposed Project would be consistent with this Policy.
Commercial	
Goal 2: Strong and competitive commercial areas that suitably serve the needs of the community and attracts customers from outside the plan area by satisfying marker demand and maximizing convenience and accessibility while preserving unique historic and cultural identities of each commercial area.	Although the Proposed Project would displace approximately 118,284 square feet of warehouse and light industrial uses, the Project would supplement the Project area with 372 residential live work units and 40,000 square feet of commercial uses. Job opportunities would be generated by approximately 30,000 square feet of creative office and 10,000 square feet of retail/restaurant space. Further, the Project Site is located within a Transit Priority Area and qualifies as a Transit-Oriented Infill Project. The Project's commercial component, publicly accessible open space, and location near transit opportunities increases its convenience and accessibility to customers from outside the plan area and supports the needs of the community. Further, as discussed in Section V, Cultural Resources, the Proposed Project would not interfere with any unique historic and cultural resources. The Proposed Project would further rehabilitate a portion of the existing commercial floor area on-site into the Project design, which helps preserve the character of the commercial area. As such, the Proposed Project is consistent with this Goal.
Objective 2-1: To conserve and strengthen potentially viable commercial areas in order to stimulate and revitalize existing businesses and create opportunities for appropriate new commercial development.	The Project Site is located within a Transit Priority Area and qualifies as a Transit-Oriented Infill Project. Development of the Proposed Project would strengthen and revitalize the existing commercial, industrial, and public facilities within the area by providing new residential and commercial space. The Proposed Project would foster new business and employment opportunities for potential customers and residents. Therefore, the Proposed Project supports this Objective.
Policy 2-1.2: Protect commercially planned/zoned areas, from residential-only development.	The Proposed Project includes the development of a creative campus that includes 372 residential units, 30,000 square feet of creative office, and 10,000 square feet of retail/restaurant. The Proposed Project is not a residential-only development. As such, the Proposed Project is consistent with this Policy.
Policy 2-2.2: Require that projects in commercial areas be designed and developed to achieve a high level of quality, distinctive character, and compatibility with appropriate existing uses and development.	The Project Site is zoned for commercial development. The Project is consistent with the allowable uses on-site pursuant to the Los Angeles General Plan and LAMC. The Project would provide a well-designed and landscaped creative campus that would promote pedestrian activity in the area and provide

	commercial opportunities. The Project is consistent with the requirements of Ordinance No. 179,280, which establishes the [T], [Q], and D conditions for the Project Site. As such, the Project is consistent with this Policy.
Objective 2-3: To minimize conflicts between auto-related and pedestrian-oriented activities and encourage use of public transportation in commercial areas.	The Project is a Transit-Oriented Infill Project in accordance with SB 743. The Project would encourage the use of public transportation and pedestrian activity along Pasadena Avenue and Avenue 34 and on site. The Proposed Project would place residential units and ground-floor commercial space in a transit-rich and pedestrian-oriented area. The Project Site's location near mass transit and in walking distance to services, retail stores, and employment opportunities promotes a pedestrian-friendly environment. As such, the Project is consistent with this Objective.
Policy 2-3.2: Encourage the formation of pedestrian-friendly shopping environments.	The Proposed Project encourages a pedestrian-friendly shopping environment with creative design, site amenities, and transit plaza connection with shops and open space. The Proposed Project would provide an enriched streetscape design, publicly accessible sidewalks and paths throughout the Project Site. The Proposed Project would further provide outdoor dining, seating, and other structures to support the retail element. As such, the Proposed Project is consistent with this Policy.
Open Space	
Goal 4: Sufficient open space, in balance with development, to serve the recreational, environmental, and health needs of the community and to protect environmental and aesthetic resources.	Pursuant to LAMC 12.21.G, the Project would provide 39,575 square feet of open space and amenities on-site exclusively for future residents and their guests. Further, pursuant to Ordinance No. 179,280, the Proposed Project would provide 64,744 square feet of publicly accessible open space on-site. Residential amenities include a gym, a pool, community rooms, and rooftop open space. Publicly accessible open space includes open space, paths, and landscaped areas throughout the Project Site. As such, the Proposed Project is consistent with this Goal.
Recreation and Park Facilities	
Goal 5: Adequate recreation and park facilities to meet the needs of the residents in the plan area.	As discussed in Section XIV, Public Services, there are currently approximately 1,210.3 acres of parkland and recreational facilities within two miles of the Project Site. As discussed above, the Proposed Project would provide open space and amenities on-site. The Proposed Project would comply with LAMC requirements and Ordinance 179,280 requirements for residential open space and publicly accessible open space. The Proposed Project's future 1,216 residents would be adequately served by existing park and recreation facilities and proposed on-site open space and amenities. As such, the Proposed Project is consistent with this Goal.
Schools	
Goal 6: Appropriate locations and adequate facilities for schools to serve the needs of existing and future populations.	This Goal is directed toward general City goals and does not specifically pertain to an individual development project. Although, as discussed in Section XIV, Public Services, there is one elementary school, one middle school, and two high schools that currently serve the Project Site. The Applicant would be required to pay all applicable school facility development fees in accordance with California Government Code Section 65995. Payment of Development fees would ensure that the Proposed Project would result in a less than significant impact to local schools. As such, the Proposed

	Project would not hinder this Goal.
Libraries	
Goal 7: Adequate library facilities and services for the area's residents.	As discussed in Section XIV, Public Services, the Project Site is adequately served by existing library facilities within two miles of the Project Site. As such, the Proposed Project is consistent with this Goal.
Police Protection	
Goal 8: Adequate police facilities and services to provide for the public safety needs of the community.	As discussed in Section XIV, Public Services, the Project Site is currently served by Hollenbeck Community Police Station, located at 2111 E. 1st Street, which is approximately 3.6 miles south of the Project Site. Development of the Proposed Project would not require the expansion of current police facilities, and there are no current plans for the expansion of police facilities in the area. As such, the Hollenbeck Community Police Station would adequately serve the Project Site. The Proposed Project would be consistent with this Goal.
Policy 8-1.3: Encourage design of building and facilities in accordance with principles that minimize opportunities for crime and enhance personal safety.	The Proposed Project would implement the principles of the City of Los Angeles Crime Prevention through Environmental Design (CPTED) Guidelines. Additionally, the Proposed Project would be designed and constructed with the recommendations of the LAPD. As such, the Proposed Project's demand in police services is expected to be relatively low. The Proposed Project would be consistent with this Policy.
Fire Protection	
Objective 9-1: Ensure that fire facilities and protective services are sufficient for the existing and future population and land uses.	The Project Site is served by LAFD Station No. 1, located at 2230 Pasadena Avenue, which is approximately 0.7 mile south of the Project Site. Based on the response distance criteria specified in LAMC 57.09.07A and the relatively short distance from Fire Station No. 1 to the Project Site, fire protection response would be considered adequate. The Proposed Project is not expected to necessitate the construction of a new fire station. As such, the Proposed Project would be consistent with this Objective.
Circulation	
Objective 10-1: To comply with Citywide performance standards for acceptable levels of service and ensure that necessary road access and street improvements are provided to accommodate traffic generated by all new development.	The Proposed Project would be designed with the guidance of the Los Angeles Department of Transportation and the Los Angeles Fire Department to ensure adequate site access that ensure that design of the Project would not conflict with vehicle or pedestrian movement. The Proposed Project would comply with Citywide performance standards for acceptable levels of service. With the implementation of the proposed Transportation Demand Management Plan and Trip Monitory Program discussed in the LADOT Traffic Impact Assessment letter, dated January 26, 2016, the Proposed Project would result in a less than significant impact to transportation and traffic (Mitigation Measure MM-T-1).
Policy 10-1.1: Maintain Levels of Service for streets and highways not to exceed LOS "D" for secondary arterials, collector streets, and local streets; not to exceed LOS "E" on Major Highways of in the community's major business districts.	This Policy is directed towards the City and does not specifically pertain to a single project. With the implementation of the Transportation Demand Management Plan and Trip Monitory Program (Mitigation Measure MM-T-1 to T-3) the Project's transportation and traffic impacts would be mitigated to less than significant levels.
Policy 10-1.2: Design new development projects to minimize disturbance to existing traffic flow with proper ingress and egress to parking.	The Proposed Project would be designed with the guidance of the Los Angeles Department of Transportation and the Los Angeles Fire Department to ensure adequate site access to on-site parking facilities would not conflict with vehicle or

	pedestrian movement. Additionally, the proposed driveways to the Project Site would provide properly signalized ingress and egress to the Proposed Project's parking lot to minimize disturbance to existing traffic flow. As such, the Proposed Project would be consistent with this Policy.
Policy 10-1.3: Discourage non-residential traffic flow for streets designed to serve only residential areas by the use of traffic control measures.	Although residential neighborhoods exist to the east and southeast of the Project Site, the Project Site is located in a primarily commercial, public facilities, and industrial area. As such, the Proposed Project's non-residential traffic would not interfere with streets designed to serve only residential areas. As such, the Proposed Project would be consistent with this Policy.
Public Transportation	
Goal 12: A coordinated, integration of development around transit stations in order to improve services, access, and economic vitality of the community.	Pursuant to SB 743, the Project Site qualifies as a Transit Oriented Infill Development and is located within a Transit Priority Area. The Proposed Project would provide residential, creative office, and commercial uses that would increase services near transit and promote accessibility and economic vitality of the existing community. As such, the Proposed Project is consistent with this Goal.
Historic and Cultural Amenities	
Objective 14-2: To protect and enhance historic and architectural resources in commercial areas in a manner that will encourage revitalization and investment in these areas.	The Project Site is currently developed with light industrial and warehouse uses and paved surface loading and parking areas. As discussed in Section V, Cultural Resources, no identified significant cultural or historical resources are present on-site. As such, the Proposed Project would not conflict with this Objective.
Policy 14-2.1: Encourage the preservation, maintenance, enhancement and adaptive reuse of existing buildings in commercial areas through the restoration of original facades and the design of new construction which complements the old in a harmonious fashion, enhancing the historic pattern.	As discussed in Section V, Cultural Resources, no cultural or historic resources are identified on-site. Nonetheless, the Proposed Project includes the rehabilitation of a portion of the existing floor area on site, which includes a portion of the 3,521 square foot building located on the southwest corner of the Project Site and approximately 7,963 square feet the light industrial building that fronts Pasadena Avenue. The Proposed Project integrates these existing building into the design in a harmonious fashion. As such, the Proposed Project would be consistent with this Policy.
Economic Development	
Goal 15: The revitalization of a physical environment conducive to increasing and improving economic activity.	The development of the Proposed Project would revitalize the Project Site with new job and retail/restaurant opportunities within a transit priority area. The Proposed Project would further improve the visual character and promote economic and pedestrian activity in the area. The Proposed Project would foster new business and employment opportunities for potential customers and residents, which would help to improve the economy of the surrounding area. As such, the Proposed Project is consistent with this Goal.
Objective 15-1: To improve the visual environment of existing commercial and industrial areas.	The Proposed Project includes the development and rehabilitation of an underutilized industrial/commercial site. The Proposed Project would provide new job and retail/restaurant opportunities with a well-designed, pedestrian-oriented creative campus. As such, the Project is consistent with this Objective.
Source: City of Los Angeles, Department of City Planning, Northeast Los Angeles Community Plan; and Parker Environmental Consultants, February 2016.	

The Northeast Los Angeles Community Plan addresses planning and land use issues and opportunities in various sectors, such as residential, industrial, commercial, transportation, among others. Northeast Los Angeles Community Plan projected a population of 267,973 persons and 76,551 dwelling units by 2010 within the Community Plan area.[34] The 2010 United States Census shows that the Northeast Los Angeles Community Plan area had a population of 237,483 persons and 77,817 dwelling units.[35] The 2010 Census data shows that the actual population within the CPA is lower than anticipated for 2010 and that housing units are above the anticipated capacity for 2010. Nevertheless, as discussed in Section XIII, Population and Housing, the Proposed Project is consistent with SCAG's population and housing growth projections in the 2016-2040 RTP/SCS. Further, the Proposed Project would help promote the City's goal of diversifying the housing stock and adding multi-family housing near alternative transit opportunities and job opportunities.

The Proposed Project would be consistent with the goals, objectives, and policies set forth in the Northeast Los Angeles Community Plan. Therefore, the Proposed Project is consist with the applicable land use and planning policies in the Northeast Los Angeles Community Plan.

As discussed in the preceding paragraphs, the Proposed Project would not conflict with local and regional plans applicable to the Project Site, and any impacts would be mitigated to less than significant levels.

c) Would the project conflict with any applicable habitat conservation plan or natural community conservation plan?

No Impact. A project-related significant adverse impact could occur if the Project Site were located within an area governed by a habitat conservation plan or natural community conservation plan. As discussed in Section 4(f) above, no such plans presently exist which govern any portion of the Project Site. Further, the Project Site is located in a highly urbanized area, and the Project Site is currently fully developed with light manufacturing land uses and paved surface loading and parking areas. Therefore, the Proposed Project would not have the potential to cause such effects.

Cumulative Impacts

No Impact. Development of the three related project's identified in Section II, Project Description, and any new development within the neighboring CASP study is expected to occur in accordance with adopted plans and regulations applicable to each parcel. It should be noted that of the three related project

---

[34] *City of Los Angeles Department of City Planning, Northeast Los Angeles Community Plan, Plan Population and Dwelling Unit Capacity Table.*

[35] *The Northeast Los Angeles Community Plan Area contains the following tracts: 1810, 1813, 1814, 1815, 1816, 1831.01, 1831.03, 1831.04, 1832.2, 1832.21, 1832.22, 1833, 1834.01, 1834.02, 1835.1, 1835.2, 1836.1, 1836.2, 1837.01, 1837.02, 1838.1, 1838.2, 1851, 1852.02, 1852.03, 1852.04, 1853.1, 1853.2, 1861, 1862.01, 1862.02, 1862.03, 1863.01, 1863.02, 1864.01, 1864.03, 1864.04, 1871.01, 1871.02, 1881, 1883, 1990, 1991.1, 1991.2, 1992.01, 1992.02, 1993, 1994, 1997, 1998, 1999, 2011.1, 2.1102, 2012, 2013.01, 2013.02, 2014.01, 2014.02, 2015.01, 2015.03, 2015.04, 2016.01, 2016.02, 2017, 2031, 2033. The population and dwelling units were calculated by summing the individual tracts together. Source: United States Census Bureau, 2010 Census Interactive Population Map, website: http://www.census.gov/2010census/popmap/, accessed September 2014.*

identified, only Related Project No. 3 (located at 211 S Avenue 20) is located within the CASP. Related Project No. 3 consists of an educational campus with a design capacity of 263 high school students and 74 middle school students. It is expected that most of the related projects would be compatible with the zoning and land use designations of each related project site and its existing surrounding uses. The development of the Proposed Project, including the requested entitlement requests would not result in any cumulative land use or zoning impacts. The Proposed Project's land use impacts would not be cumulatively considerable since the Proposed Project would not conflict with applicable local or regional plans. The Proposed Project's land uses are consistent with the existing zoning and General Plan land use designations and would not create any significant land use compatibility conflicts. Therefore, the Proposed Project's land use impacts would be less than cumulatively considerable and would therefore be considered less than significant on a cumulative basis.

XI. MINERAL RESOURCES

a) Would the project result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?

No Impact. A significant impact may occur if a project site is located in an area used or available for extraction of a regionally-important mineral resource, or if the project development would convert an existing or future regionally-important mineral extraction use to another use, or if the project development would affect access to a site used or potentially available for regionally-important mineral resource extraction. According to the *L.A. CEQA Thresholds Guide*, the determination of significance shall be made on a case-by-case basis considering: (a) whether, or the degree to which, the project might result in the permanent loss of, or loss of access to, a mineral resource that is located in a State Mining and Geology Board Mineral Resource Zone MRZ-2 zone or other known or potential mineral resource area, and (b) whether the mineral resource is of regional or statewide significance, or is noted in the Conservation Element as being of local importance. The Project Site is not located within the Los Angeles Downtown Oil Field and Oil Drilling/Surface Mining Supplemental Use District, or an Oil Field/Drilling Area. The Project Site is currently developed with four light manufacturing and warehouse buildings with paved surface loading areas and parking. The Project Site is not currently used for the extraction of mineral resources, and there is no evidence to suggest that the Project Site has been historically used for the extraction of mineral resources.[36] Development of the Project Site would not block or hinder access or availability of mineral resources. Therefore, the development of the Proposed Project would not result in the loss of availability of a known mineral resource, and no impact would occur.

b) Would the project result in the loss of availability of a locally-important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?

No Impact. A significant impact may occur if the Project Site is located in an area used or available for extraction of a regionally-important mineral resource, or if the development would convert an existing or future regionally-important mineral extraction use to another use, or if the development would affect access to a site used or potentially available for regionally-important mineral resource extraction. The Project Site is not currently used for the extraction of mineral resources, and there is no evidence to suggest that the Project Site has historically been used for the extraction of mineral resources. Development of the Project Site would not block or hinder access or availability of locally important mineral resources. Therefore, no impact to locally important mineral resources would occur.

---

[36] *Orswell and Kasman, Inc., Phase I Environmental Site Assessment Update Report, April 28, 2015.*

XII. NOISE

Fundamentals of Noise

Sound is technically described in terms of amplitude (loudness) and frequency (pitch). The standard unit of sound amplitude measurement is the decibel (dB). The decibel scale is a logarithmic scale that describes the physical intensity of the pressure vibrations that make up any sound. The pitch of the sound is related to the frequency of the pressure vibration. Since the human ear is not equally sensitive to a given sound level at all frequencies, a special frequency-dependent rating scale has been devised to relate noise to human sensitivity. The A-weighted decibel scale (dBA) provides this compensation by discriminating against frequencies in a manner approximating the sensitivity of the human ear.

Noise, on the other hand, is typically defined as unwanted sound. A typical noise environment consists of a base of steady "background" noise that is the sum of many distant and indistinguishable noise sources. Superimposed on this background noise is the sound from individual local sources. These can vary from an occasional aircraft or train passing by to virtually continuous noise from, for example, traffic on a major highway.

Several rating scales have been developed to analyze the adverse effect of community noise on people. Since environmental noise fluctuates over time, these scales consider that the effect of noise upon people is largely dependent upon the total acoustical energy content of the noise, as well as the time of day when the noise occurs. Those that are applicable to this analysis are as follows:

- L_{eq} – An L_{eq}, or equivalent energy noise level, is the average acoustic energy content of noise for a stated period of time. Thus, the L_{eq} of a time-varying noise and that of a steady noise are the same if they deliver the same acoustic energy to the ear during exposure. For evaluating community impacts, this rating scale does not vary, regardless of whether the noise occurs during the day or the night.
- L_{max} – The maximum instantaneous noise level experienced during a given period of time.
- L_{min} – The minimum instantaneous noise level experienced during a given period of time.
- CNEL – The Community Noise Equivalent Level is a 24-hour average L_{eq} with a 5 dBA "weighting" during the hours of 7:00 P.M. to 10:00 P.M. and a 10 dBA "weighting" added to noise during the hours of 10:00 P.M. to 7:00 A.M. to account for noise sensitivity in the evening and nighttime, respectively. The logarithmic effect of these additions is that a 60 dBA 24 hour L_{eq} would result in a measurement of 66.7 dBA CNEL.

Noise environments and consequences of human activities are usually well represented by median noise levels during the day, night, or over a 24-hour period. For residential uses, environmental noise levels are generally considered low when the CNEL is below 60 dBA, moderate in the 60–70 dBA range, and high above 70 dBA. Noise levels greater than 85 dBA can cause temporary or permanent hearing loss. Examples of low daytime levels are isolated, natural settings with noise levels as low as 20 dBA and quiet suburban residential streets with noise levels around 40 dBA. Noise levels above 45 dBA at night can disrupt sleep. Examples of moderate level noise environments are urban residential or semi-commercial

areas (typically 55–60 dBA) and commercial locations (typically 60 dBA). People may consider louder environments adverse, but most will accept the higher levels associated with more noisy urban residential or residential-commercial areas (60–75 dBA) or dense urban or industrial areas (65–80 dBA).

It is widely accepted that in the community noise environment the average healthy ear can barely perceive CNEL noise level changes of 3 dBA. CNEL changes from 3 to 5 dBA may be noticed by some individuals who are extremely sensitive to changes in noise. A 5 dBA CNEL increase is readily noticeable, while the human ear perceives a 10 dBA CNEL increase as a doubling of sound.

Noise levels from a particular source generally decline as distance to the receptor increases. Other factors, such as the weather and reflecting or barriers, also help intensify or reduce the noise level at any given location. A commonly used rule of thumb for roadway noise is that for every doubling of distance from the source, the noise level is reduced by about 3 dBA at acoustically "hard" locations (i.e., the area between the noise source and the receptor is nearly complete asphalt, concrete, hard-packed soil, or other solid materials) and 4.5 dBA at acoustically "soft" locations (i.e., the area between the source and receptor is normal earth or has vegetation, including grass). Noise from stationary or point sources is reduced by about 6 to 7.5 dBA for every doubling of distance at acoustically hard and soft locations, respectively. In addition, noise levels are also generally reduced by 1 dBA for each 1,000 feet of distance due to air absorption. Noise levels may also be reduced by intervening structures – generally, a single row of buildings between the receptor and the noise source reduces the noise level by about 5 dBA, while a solid wall or berm reduces noise levels by 5 to 10 dBA. The normal noise attenuation within residential structures with open windows is about 17 dBA, while the noise attenuation with closed windows is about 25 dBA.[37]

Ambient Noise Levels

To assess the existing ambient noise conditions in the area, ambient noise measurements were taken with a Larson Davis 831 sound level meter, which conforms to industry standards set forth in ANSI S1.4-1983 (R2001) - American National Standard Specification for Sound Level Meters. Figure III-1, Noise Monitoring and Sensitive Receptor Location Map, depicts the noise measurement locations fronting the adjacent residential uses as the most likely sensitive receptors to experience noise level increases during construction. The detailed noise monitoring data are presented in the Noise Monitoring Data, included in the case file, and are summarized below in Table III-10, Existing Ambient Daytime Noise Levels in Project Site Vicinity. As shown in Table III-10, the ambient noise in the vicinity of the Project Site ranges from 59.0 to 67.8 L_{eq}. The maximum noise level during the three 15-minute recordings was 83.4 dB L_{max} along Pasadena Avenue, where there was more vehicle activity. The primary noise source at Location 1 contributing to the ambient noise levels was the Metro Gold Line and the railroad crossing alarms associated with the Metrorail. The primary noise sources at Location 2 and 3 were observed to be vehicle traffic during the daytime hours, including delivery trucks and buses. The Project Site is currently

[37] *National Cooperative Highway Research Program Report 117, Highway Noise: A Design Guide for Highway Engineers, 1971.*

operating with light manufacturing facilities, which contributed to some ambient noise during the noise measurements.

Table III-10
Existing Ambient Daytime Noise Levels in Project Site Vicinity

No.	Location	Primary Noise Sources	Noise Level Statistics[a]		
			L_{eq}	L_{min}	L_{max}
1	On the southwest corner of the Project Site, adjacent to the Metro Gold Line railroad	Metro Gold Line, railroad crossing alarms, light vehicle activity, industrial activity	59.0	44.0	80.4
2	On the northwest corner of Pasadena Avenue and W. Avenue 34; the southeast corner of the Project Site	Light vehicle traffic, pedestrian activity, birds in street trees, delivery trucks, fire trucks, garbage truck	65.9	49.0	80.3
3	On the northwest corner of the Project Site along the west side of Pasadena Avenue	Vehicle traffic, buses, pedestrian activity	67.8	49.6	83.4

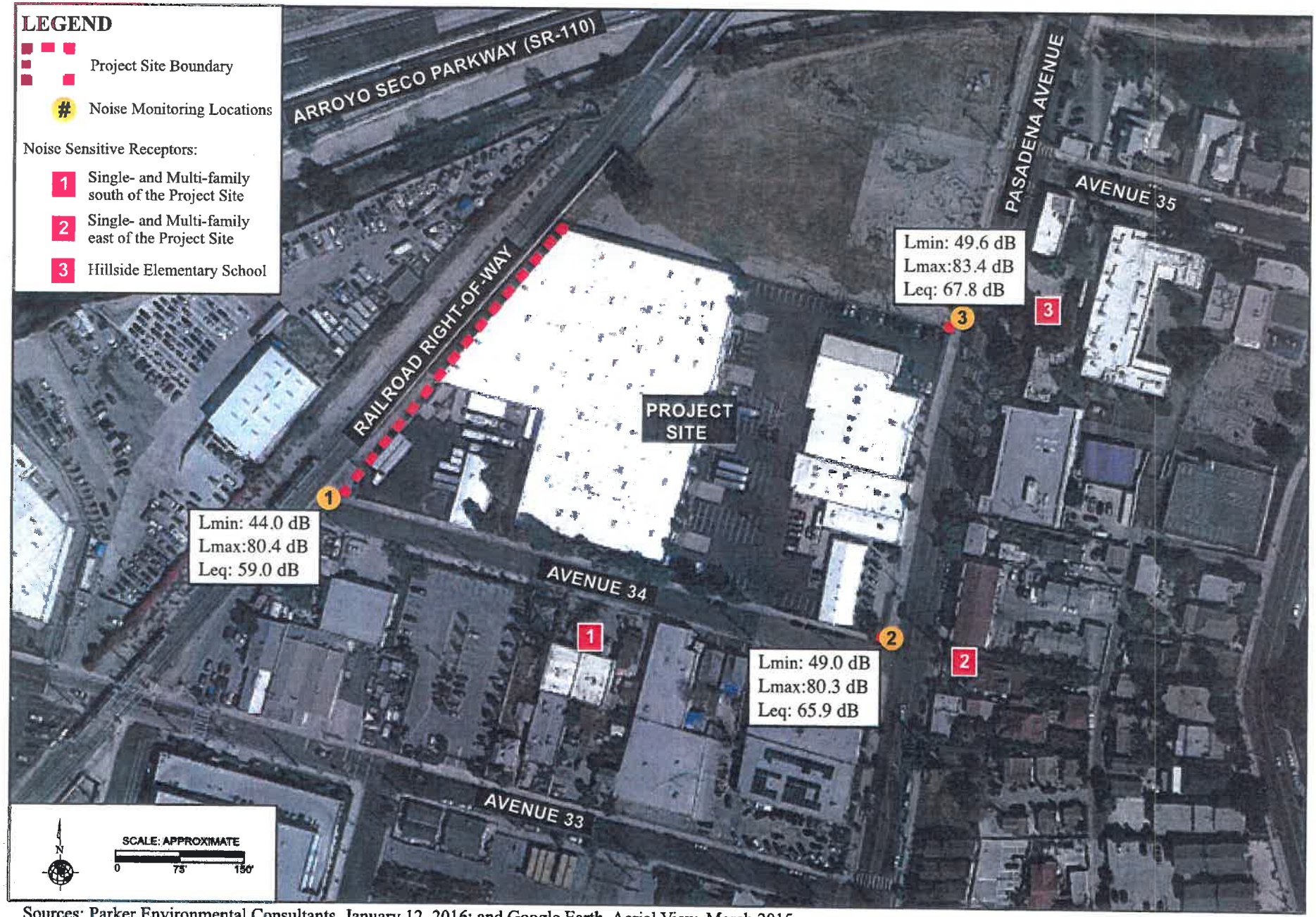
[a] *Noise measurements were taken on Tuesday, January 12, 2016 at each location for a duration of 15 minutes. See case file for noise monitoring data sheets.*

Sensitive Receptors

Several noise sensitive land uses are located adjacent to and in the vicinity of the Proposed Project. For purposes of assessing noise impacts on sensitive populations, the following sensitive receptors in close proximity to the Project Site were identified:

1) Single- and multi-family residences along Avenue 34, located south of the Project Site;
2) Single- and multi-family residences along Pasadena Avenue, located east of the Project Site; and
3) Hillside Elementary School, located at 120 E. Avenue 35, east of the Project Site.

The locations of these land uses relative to the Project Site are depicted in Figure III-1, Noise Monitoring and Sensitive Receptor Location Map. For purposes of assessing construction-generated vibration impacts on building damage, there are no buildings abutting the Project Site or within a close enough proximity to the Project Site to be susceptible to building damage from groundborne vibration during construction.



Sources: Parker Environmental Consultants, January 12, 2016; and Google Earth, Aerial View, March 2015.

PARKER ENVIRONMENTAL CONSULTANTS

Figure III-1
Noise Monitoring and Sensitive Receptor Location Map

a) Would the project result in exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?

Potentially Significant Unless Mitigation Incorporated. A significant impact may occur if the Proposed Project would generate excess noise that would cause the ambient noise environment at the Project Site to exceed noise level standards set forth in the City of Los Angeles General Plan Noise Element (Noise Element) and the City of Los Angeles Noise Ordinance (Noise Ordinance). Implementation of the Proposed Project would result in an increase in ambient noise levels during both construction and operation, as discussed in further detail below.

Construction Noise

Construction-related noise impacts upon adjacent land uses would be significant if, as indicated in LAMC Section 112.05, noise from construction equipment within 500 feet of a residential zone exceeds 75 dBA at a distance of 50 feet from the noise source. However, the above noise limitation does not apply where compliance is technically infeasible. Technically infeasible means that the above noise limitation cannot be complied with despite the use of mufflers, shields, sound barriers and/or any other noise reduction device or techniques during the operation of the equipment. Additionally, as defined in the *L.A. CEQA Thresholds Guide* for construction noise impacts, a significant impact would occur if construction activities lasting more than one day would increase the ambient noise levels by 10 dBA or more at any off-site noise-sensitive location. Furthermore, the *L.A. CEQA Thresholds Guide* also states that construction activities lasting more than ten days in a three-month period, which would increase ambient exterior noise levels by 5 dBA or more at a noise sensitive use, would also normally result in a significant impact.

Construction of the Proposed Project would require the use of heavy equipment for demolition/site clearing, grading and site preparation, the installation of utilities, paving, and building construction. During each construction phase there would be a different mix of equipment operating and noise levels would vary based on the amount of equipment in operation and the location of each activity. The U.S. Environmental Protection Agency (EPA) has compiled data regarding the noise generating characteristics of specific types of construction equipment and typical construction activities. The data pertaining to the types of construction equipment and activities that would occur at the Project Site are presented in Table III-11, Typical Outdoor Construction Noise Levels, at a distance of 50 feet from the noise source (i.e., reference distance).

The noise levels shown in Table III-11 represent composite noise levels with sound attenuating mufflers associated with typical construction activities, which take into account both the number of pieces and spacing of heavy construction equipment that are typically used during each phase of construction. Construction noise during the heavier initial periods of construction could be expected to be 86 dBA L_{eq}

when measured at a reference distance of 50 feet from the center of construction activity.[38] These noise levels would diminish rapidly with distance from the construction site at a rate of approximately 6 dBA per doubling of distance. For example, a noise level of 84 dBA L_{eq} measured at 50 feet from the noise source to the receptor would reduce to 78 dBA L_{eq} at 100 feet from the source to the receptor, and reduce by another 6 dBA L_{eq} to 72 dBA L_{eq} at 200 feet from the source to the receptor. Construction activities associated with the Proposed Project would be expected to generate similar noise levels to those shown in Table III-11, below during the approximate 34-month construction period.

Table III-11
Typical Outdoor Construction Noise Levels

Construction Phase	Noise Levels at 50 Feet with Mufflers (dBA L_{eq})	Noise Levels at 60 Feet with Mufflers (dBA L_{eq})	Noise Levels at 100 Feet with Mufflers (dBA L_{eq})	Noise Levels at 200 Feet with Mufflers (dBA L_{eq})
Ground Clearing	82	80	76	70
Excavation, Grading	86	84	80	74
Foundations	77	75	71	65
Structural	83	81	77	71
Finishing	86	84	80	74

Source: United States Environmental Protection Agency, Noise from Construction Equipment and Operations, Building Equipment and Home Appliances, PB 206717, 1971.

As set forth in the *L.A. CEQA Thresholds Guide*, a significant construction noise impact would occur if construction activities lasting more than one day would increase the ambient noise levels by 10 dBA or more at any off-site noise-sensitive location. Construction activities lasting more than ten days in a three-month period, which would increase ambient exterior noise levels by 5 dBA or more at a noise sensitive use, would also normally result in a significant impact. Since construction activities associated with the proposed development at the Project Site would last for more than ten days in a three-month period, is possible that the Proposed Project could exceed these threshold levels on a temporary and intermittent basis during the construction period. Thus, based on criteria established in the *L.A. CEQA Threshold Guide*, a substantial temporary or periodic increase in ambient noise levels could occur at the identified off-site sensitive receptors.

The City of Los Angeles Building Regulations Ordinance No. 178048 requires a construction site notice to be provided that includes the following information: job site address, permit number, name and phone number of the contractor and owner or owner's agent, hours of construction allowed by code or any discretionary approval for the site, and City telephone numbers where violations can be reported. The notice is required to be posted and maintained at the construction site prior to the start of construction and displayed in a location that is readily visible to the public. Pursuant to LAMC Section 41.40, exterior demolition and construction activities that generate noise are prohibited between the hours of 9:00 P.M. and 7:00 A.M. Monday through Friday, and between 6:00 P.M. and 8:00 A.M. on Saturday. Demolition

[38] *Although the peak noise levels generated by certain construction equipment may be greater than 86 dBA at a distance of 50 feet, the equivalent noise level would be approximately 86 dBA L_{eq} (i.e., the equipment does not operate at the peak noise level over the entire duration).*

and construction are prohibited on Sundays and all federal holidays. The construction activities associated with the Proposed Project would comply with these LAMC requirements. Additionally, Environmental [Q] Condition 10 (Noise) requires additional compliance actions for the purposes of reducing construction noise impacts. Specifically, [Q] Condition 10. (Noise a) requires compliance with Ordinances 144,331 and 161,574 which prohibit the emission or creation of noise beyond certain levels at adjacent uses unless technically unfeasible. Environmental [Q] Condition 10 (Noise b) would further restrict the permissible hours of construction to the hours of 7:00 am to 6:00 pm Monday through Friday, and 8:00 am to 6:00 pm on Saturday. Environmental [Q] Condition 10 (Noise (c) and (d) specify that construction and demolition activities shall be scheduled so as to avoid operating several pieces of equipment simultaneously and require the use of power construction equipment with state-of the art noise shielding and muffling devices. In accordance with LAMC Section 112.05, construction noise levels are considered exempt from the 75 dBA noise threshold if all technically feasible noise attenuation measures are implemented.

Table III-12, below, shows the estimated exterior construction noise for the identified sensitive receptors (See calculations in the case file). Although the estimated construction-related noise levels associated with the Proposed Project would exceed the numerical noise threshold of 75 dBA at 50 feet from the noise source as outlined in the City Noise Ordinance, and the typical construction noise levels associated with the Proposed Project would exceed the existing ambient noise levels at all of the identified off-site sensitive receptors by more than the 5 dBA threshold established by the *L.A. CEQA Thresholds Guide* during all construction phases, implementation of the following mitigation measure would reduce the noise levels associated with construction of the Proposed Project. Implementation of noise control measures such as temporary noise barriers or sound blankets around the noise generating equipment would be capable of attenuating the noise level by approximately 10 dBA. Thus, based on the provisions set forth in LAMC 112.05, implementation of Environmental [Q] Condition 10, and Mitigation Measures MM-N-1 would ensure impacts associated with construction-related noise levels are mitigated to the maximum extent feasible, and temporary construction-related noise impacts would be considered less than significant in accordance with City requirements and standards.

Table III-12
Estimated Exterior Construction Noise at Nearest Sensitive Receptors (Unmitigated)

Receptor	Sensitive Land Use	Distance to Project Site (feet)	Existing Monitored Daytime Ambient Noise Levels (dBA L_{eq})	Estimated Peak Construction Noise Levels (dBA L_{eq})	Noise Level Increase
1	Single- and Multi-Family Residential south of Project Site	80	65.9	81.9	16.0
2	Single- and Multi-Family Residential east of Project Site	85	67.8	81.4	13.6
3	Hillside Elementary School	110	67.8	79.2	11.4

See Figure III-1, Noise Monitoring and Sensitive Receptor Location Map.
Source: Calculations based on Federal Transit Administration, Transit Noise and Vibration Impact Assessment, Final Report, May 2006. It should be noted that the peak noise level increase at the nearby sensitive receptors during project construction represents the highest composite noise level that would be generated periodically during a worst-case construction activity and does not represent continuous noise levels occurring throughout the construction day or period.

Localized construction impacts associated with on-site construction noise and off-site construction-related traffic/hauling activities would have the potential to impact students at Hillside Elementary School. The Proposed Project would provide appropriate construction measures to reduce the Project's impacts upon the nearby school facility. A temporary construction noise barrier with a minimum ¾-inch thick plywood or other sound absorbing material capable of achieving a 10 dBA reduction in sound level will be erected around the Project Site's perimeter, which will reduce noise impacts on the adjacent school. Further, the Project's proposed haul route would be designed to minimize, to the greatest degree possible, hauling impacts adjacent to Hillside Elementary School. The proposed haul route traveling to and from the I-5 Freeway would utilize Pasadena Avenue, Avenue 33, Lacy Street, and Avenue 26. Hauling activity utilizing Pasadena Avenue is closest to the rear side of Hillside Elementary School, which is improved with landscaping, trees and the façade of school structures. The active playground areas for Hillside Elementary are located towards the east of the campus fronting on Griffin Avenue and Avenue 35, which will not be utilized by hauling trucks. Implementation of Mitigation Measure MM-N-1 and Mitigation Measures MM-HAZ-2 and MM-HAZ-3 (See response to Checklist Question VIII(c), above) would reduce construction impacts related to nearby schools to less than significant levels.

Mitigation Measure:

MM-N-1 Increased Noise Levels (Demolition, Grading, and Construction Activities)

- In addition to satisfying the noise-related conditions identified in [Q] Condition 10 of Ordinance No. 179,280, the project contractor shall erect a temporary noise-attenuating sound barrier along the perimeter of the Project Site's southerly and easterly property line to noise construction noise levels at off site properties. The sound wall shall be a minimum of 8 feet in height to block the line of site of construction equipment and off site receptors at the ground level. The sound barrier shall include ¾ inch plywood or other sound absorbing material capable of achieving a 10 dBA reduction in sound level.

Operational Noise

HVAC Equipment Noise

Upon completion and operation of the Proposed Project, on-site operational noise would be generated by heating, ventilation, and air conditioning (HVAC) equipment installed on the new structures. However, the noise levels generated by these equipment types are not anticipated to be substantially greater than those generated by the current HVAC equipment serving the existing buildings on the Project Site and in the Project vicinity. As such, the HVAC equipment associated with the Proposed Project would not represent a new source of noise in the Project Site vicinity. In addition, the operation of this and any other on-site stationary sources of noise would be required to comply with the LAMC Section 112.02, which prohibits noise from air conditioning, refrigeration, heating, pumping, and filtering equipment from exceeding the ambient noise level on the premises of other occupied properties by more than five decibels.

Noise from Mixed Use Commercial and Residential Land Uses

Due to the mixed-use nature of the Proposed Project, noise generated from the operation of proposed office and retail uses have the potential to impact the proposed residential uses. In order to ensure that on-site residences would not be adversely impacted by ambient urban noise levels, Environmental [Q] Condition C.20 shall be implemented to ensure that dwelling units associated with the Proposed Project would be constructed with double-pane glass and use exterior wall construction which provides a Sound Transmission Class of 50 or greater as defined in UBC No. 35-1, 1979 edition or any amendment thereto. With implementation of Environmental [Q] Condition C.20, impacts associated with interior noise levels at the proposed residences would be less than significant.

Environmental [Q] Condition C.20:

> 20. Severe Noise Levels (Residential Only)
>
> All exterior windows having a line of sight to the MTA Gold Line, Figueroa Street, Pasadena Avenue, and the 1-110 (Pasadena) Freeway shall be constructed with double-pane glass and use exterior wall construction which provides a Sound Transmission Class of 50 or greater as defined in UBC No. 35-1, 1979 edition or any amendment thereto. The applicant, as an alternative, may retain an acoustical engineer to submit evidence, along with the application for a building permit, any alternative means of sound insulation sufficient to mitigate interior noise levels below a CNEL of 45 dBA in any habitable room.

b) Would the project result in exposure of persons to or generation of excessive groundborne vibration or groundborne noise levels?

Potentially Significant Unless Mitigation Incorporated. Vibration is sound radiated through the ground. Vibration can result from a source (e.g., subway operations, vehicles, machinery equipment, etc.) causing the adjacent ground to move, thereby creating vibration waves that propagate through the soil to the foundations of nearby buildings. This effect is referred to as groundborne vibration. The peak

particle velocity (PPV) or the root mean square (RMS) velocity is usually used to describe vibration levels. PPV is defined as the maximum instantaneous peak of the vibration level and is typically used for evaluating potential building damage. RMS is defined as the square root of the average of the squared amplitude of the level. RMS velocity in decibels (VdB) is typically more suitable for evaluating human response.

The background vibration velocity level in residential areas is usually around 50 VdB. The vibration velocity level threshold of perception for humans is approximately 65 VdB. A vibration velocity level of 75 VdB is the approximate dividing line between barely perceptible and distinctly perceptible levels for most people. Most perceptible indoor vibration is caused by sources within buildings such as operation of mechanical equipment, movement of people, or the slamming of doors. Typical outdoor sources of perceptible groundborne vibration are construction equipment, steel-wheeled trains, and traffic on rough roads. If a roadway is smooth, the groundborne vibration from traffic is rarely perceptible. The range of interest is from approximately 50 VdB, which is the typical background vibration velocity level, to 100 VdB, which is the general threshold where minor damage can occur in fragile buildings.

Construction

Excavation and earthwork activities for the Proposed Project have the potential to generate low levels of groundborne vibration. The operation of construction equipment generates vibrations that propagate through the ground and diminishes in intensity with distance from the source. Vibration impacts can range from no perceptible effects at the lowest vibration levels, to low rumbling sounds and perceptible vibration at moderate levels, to slight damage of buildings at the highest levels. Thus, construction activities associated with the Proposed Project could have an adverse impact on both sensitive structures (i.e., building damage) and populations (i.e., annoyance).

Table III-13, Vibration Source Levels for Construction Equipment, identifies various PPV and RMS velocity (in VdB) levels for the types of construction equipment that would operate at the Project Site during construction. As shown in Table III-13, vibration velocities could range from 0.003 to 0.089 inch/sec PPV at 25 feet from the source activity, with corresponding vibration levels ranging from 58 VdB to 87 VdB at 25 feet from the source activity, depending on the type of construction equipment in use.

Table III-13
Vibration Source Levels for Construction Equipment

Equipment	Approximate PPV (in/sec)					Approximate RMS (VdB)				
	25 Feet	50 Feet	60 Feet	75 Feet	100 Feet	25 Feet	50 Feet	60 Feet	75 Feet	100 Feet
Large Bulldozer	0.089	0.031	0.024	0.017	0.011	87	78	76	73	69
Caisson Drilling	0.089	0.031	0.024	0.017	0.011	87	78	76	73	69
Loaded Trucks	0.076	0.027	0.020	0.015	0.010	86	77	75	72	68
Jackhammer	0.035	0.012	0.009	0.007	0.004	79	70	68	65	61
Small Bulldozer	0.003	0.001	0.0008	0.0006	0.0004	58	49	47	44	40

Source: Federal Transit Administration, Transit Noise and Vibration Impact Assessment, Final Report, 2006.

Based on the distances of surrounding buildings within the Project vicinity, no buildings are directly abutting the Project Site. The closest buildings are located across Pasadena Avenue and Avenue 34. Therefore, no buildings are susceptible to building damage from construction groundborne vibration. Thus, construction impacts relative to structural damage from groundborne vibration would be considered less than significant.

For purposes of addressing vibration impacts relative to human annoyance, the following analysis relies on the FTA's vibration impact thresholds, which are 80 VdB and above at residences and buildings where people normally sleep (e.g., nearby residences) and 83 VdB and above at institutional buildings, which includes schools and churches. No thresholds have been adopted or recommended for commercial and office uses.

Residents in the three sensitive receptors previously identified in this section could be exposed to increased vibration levels on a temporary and intermittent basis during the construction period. As shown in Table III-14, Estimated Vibration Levels at Nearest Sensitive Receptors, none of the sensitive receptors would experience vibration levels above the thresholds adopted from the FTA. Furthermore, implementation of the measures identified under Mitigation Measure MM-N-1 would serve to ensure construction related vibration levels to the maximum extent feasible, and thus would further ensure the annoyance factor to an acceptable level. Additionally, in accordance with Environmental [Q] Condition C.10(b), all construction activity would be restricted to the hours of 7:00 A.M. to 6:00 P.M. Monday through Friday, and 8:00 A.M. to 6:00 P.M. on Saturday. Because any vibration level increases experienced at the residential uses in close proximity to the Project Site would occur during the acceptable time periods for construction activities, and would only occur on a temporary and intermittent basis during the construction period, impacts associated with groundborne vibration would be less than significant level.

Table III-14
Estimated Vibration Levels at Nearest Sensitive Receptors (Unmitigated)

Receptor	Sensitive Land Use	Distance to Project Site (feet)	Estimated Vibration Levels (VdB)	Vibration Threshold (VdB)	Significant Impact?
1	Single- and Multi-Family Residential south of Project Site	80	71.9	80	No
2	Single- and Multi-Family Residential east of Project Site	85	71.1	80	No
3	Hillside Elementary School	110	67.7	83	No

See Figure 1, Noise Measurement and Sensitive Receptor Location Map.
Notes: It should be noted that the peak noise level increase at the nearby sensitive receptors during project construction represents the highest composite noise level that would be generated periodically during a worst-case construction activity and does not represent continuous noise levels occurring throughout the construction day or period.
Source: Calculations based on Federal Transit Administration, Transit Noise and Vibration Impact Assessment, Final Report, May 2006.

With respect to temporary hauling activities during construction, the Project Site is located in a Commercial Manufacturing zone which experiences heavy truck traffic on a daily basis. As noted in the Traffic Study, the existing warehouse and light industrial land uses generate approximately 440 trips per day, which are mostly heavy trucks. The hauling activities with soil export and demolition and construction debris removal would thus not generate a significant change in the heavy vehicle traffic that already occurs in the immediate project vicinity on a daily basis. Thus vibration impacts from hauling and construction traffic would be less than significant.

Operation

The Proposed Project is a mixed-use development and would not involve the use of stationary equipment that would result in high vibration levels. Although groundborne vibration at the Project Site and immediate vicinity may currently result from heavy-duty vehicular travel (e.g., refuse trucks and transit buses) on W. Avenue 34 and Pasadena Avenue, the proposed land uses would not result in a substantial increased in the use of these heavy-duty vehicles on the public roadways. While refuse trucks would be used for the removal of solid waste at the Project Site, these trips would typically only occur once a week and would not be any different than those presently occurring in the vicinity of the Project Site. As such, vibration impacts associated with operation of the Proposed Project would be less than significant.

c) Would the project result in a substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project?

Potentially Significant Unless Mitigation Incorporated. A significant impact may occur if the Proposed Project were to result in a substantial permanent increase in ambient noise levels above existing ambient noise levels without the Proposed Project. As defined in the *L.A. CEQA Thresholds Guide* for operational noise impacts, a project would normally have a significant impact on noise levels from Proposed Project operations if the Proposed Project causes the ambient noise level measured at the property line of affected uses that are shown in Table III-15, Community Noise Exposure (CNEL), to increase by 3 dBA in CNEL to or within the "normally unacceptable" or "clearly unacceptable" category, or any 5 dBA or greater noise increase. Thus, a significant impact would occur if noise levels associated with operation of the Proposed Project would increase the ambient noise levels by 3 dBA CNEL at homes where the resulting noise level would be at least 70 dBA CNEL. In addition, any long-term increase of 5 dBA CNEL or more is considered to cause a significant impact. Generally, in order to achieve a 3 dBA CNEL increase in ambient noise from traffic, the volume on any given roadway would need to double. In addition to analyzing potential impacts in terms of CNEL, the analysis also addresses increases in on-site noise sources per the provisions of the LAMC, which establishes a L_{eq} standard of 5 dBA over ambient conditions as constituting a LAMC violation.

Table III-15
Community Noise Exposure (CNEL)

Land Use	Normally Acceptable[a]	Conditionally Acceptable[b]	Normally Unacceptable[c]	Clearly Unacceptable[d]
Single-family, Duplex, Mobile Homes	50 - 60	55 - 70	70 - 75	above 75
Multi-Family Homes	50 - 65	60 - 70	70 - 75	above 75
Schools, Libraries, Churches,	50 - 70	60 - 70	70 - 80	above 80

Hospitals, Nursing Homes				
Transient Lodging – Motels, Hotels	50 - 65	60 - 70	70 - 80	above 75
Auditoriums, Concert Halls, Amphitheaters	---	50 - 70	---	above 70
Sports Arena, Outdoor Spectator Sports	---	50 - 75	---	above 75
Playgrounds, Neighborhood Parks	50 - 70	---	67 - 75	above 75
Golf Courses, Riding Stables, Water Recreation, Cemeteries	50 - 75	---	70 - 80	above 80
Office Buildings, Business and Professional Commercial	50 - 70	67 - 77	above 75	---
Industrial, Manufacturing, Utilities, Agriculture	50 - 75	70 - 80	above 75	---

[a] *Normally Acceptable: Specified land use is satisfactory, based upon the assumption that any buildings involved are of normal conventional construction without any special noise insulation requirements.*

[b] *Conditionally Acceptable: New construction or development should be undertaken only after a detailed analysis of the noise reduction requirements is made and needed noise insulation features included in the design. Conventional construction, but with closed windows and fresh air supply systems or air conditioning will normally suffice.*

[c] *Normally Unacceptable: New construction or development should generally be discouraged. If new construction or development does proceed, a detailed analysis of the noise reduction requirements must be made and needed noise insulation features included in the design.*

[d] *Clearly Unacceptable: New construction or development should generally not be undertaken.*

Source: Office of Planning and Research, State of California General Plan Guidelines, October 2003 (in coordination with the California Department of Health Services); City of Los Angeles, General Plan Noise Element, adopted February 1999.

Operational Noise

Traffic Noise

In order for a new noise source to be audible, there would need to be a 3 dBA or greater CNEL noise increase. According to the *L.A. CEQA Thresholds Guide*, if a project would result in traffic that is less than double the existing traffic, then the Proposed Project's mobile noise impacts can be assumed to be less than significant. The existing traffic volumes would need to double with the development of a project in order for traffic noise to increase by 3 dBA CNEL. The Proposed Project would increase traffic volumes on the surrounding roadways, which in turn has the potential to increase roadway noise. According to the Traffic Study, prepared by Crain & Associates, the proposed development would result in a higher vehicle trips compared to the existing trips generated from the Project Site. The proposed development would result in 2,128 daily vehicle trips, including 161 AM peak hour trips and 199 PM peak hour trips. The Proposed Project would not have the potential to double the traffic volumes on any of the surrounding intersections within the Project vicinity. As such, the Proposed Project would not have the potential to double the existing traffic volumes or increase roadway noise levels by 3 dBA, and thus traffic generated noise impacts would be considered less than significant. Moreover, as discussed in Section XVI, Transportation and Traffic, the Traffic Study analyzed a larger project than what is currently proposed as part of the Proposed Project, and as such, the traffic trips are conservative. For this reason, traffic noise generated by the Proposed Project is also conservative.

Furthermore, to quantify the Proposed Project's mobile noise impacts, traffic noise was modeled using the California Department of Transportation, Technical Noise Supplement (2009). Traffic noise was modeled under the Existing (2015) "No Project" scenario and "Existing (2015) with Project" scenarios to determine the environmental baseline and Project impact, respectively. The changes in future noise levels associated with the Proposed Project are estimated using the traffic volumes in the studied intersections in the Project vicinity. The estimated noise levels from increased traffic is based on a worst-case scenario and uses the traffic volumes prior to the implementation of the Traffic Demand Management Plan, which would reduce vehicle trips in the Project area. Table III-16, displays the estimated noise levels from increase traffic volumes in the surrounding intersections due to the Proposed Project. As shown, the Proposed Project would increase local noise levels by a maximum of 0.29 dBA CNEL at the intersection of Pasadena Avenue and Avenue 28 during the PM peak hour, which would be inaudible/imperceptible to most people and would not exceed the thresholds of significance. The remaining street intersections analyzed would all experience a 0.23 dBA CNEL increase or less. Thus, the Proposed Project's mobile noise impacts would not exceed the 3 dBA CNEL threshold, set forth in the *L.A. CEQA Thresholds Guide*, and the Proposed Project's mobile source noise impact would be less than significant.

Table III-16
Projected Intersection Noise Impacts

Street Intersection	Peak Hour	Noise Levels in dBA CNEL			
		Existing (2015) Without Project Traffic Volumes	Existing (2015) with Project Traffic Volumes	Increase	Significant Impact?
1. Figueroa St. and Pasadena Ave. / Marmion Way	AM	67.80	67.83	0.03	No
	PM	67.80	67.84	0.04	No
2. Figueroa St. and Avenue 26	AM	67.80	67.86	0.06	No
	PM	67.80	67.88	0.08	No
3. Figueroa St. and SR-110 Fwy. NB Off-Ramp/ SB On-Ramp	AM	67.80	67.87	0.07	No
	PM	67.80	67.91	0.11	No
4. I-5 Fwy. NB Off-Ramp / Lacy St. and Avenue 26	AM	67.80	67.98	0.18	No
	PM	67.80	68.01	0.21	No
5. Pasadena Ave. and Avenue 35	AM	67.80	67.93	0.13	No
	PM	67.80	67.95	0.15	No
6. Pasadena Ave. and Avenue 33	AM	67.80	67.94	0.14	No
	PM	67.80	68.03	0.23	No
7. Pasadena Ave. and Avenue 28	AM	67.80	68.00	0.20	No
	PM	67.80	68.09	0.29	No
8. Pasadena Ave./ Avenue 26 and Daly St.	AM	67.80	67.89	0.09	No
	PM	67.80	67.89	0.09	No
9. Pasadena Ave. and I-5 Fwy. NB On/Off Ramp	AM	67.80	67.87	0.07	No
	PM	67.80	67.87	0.07	No
10. Pasadena Ave. and I-5 Fwy. SB On/Off Ramp	AM	67.80	67.85	0.05	No
	PM	67.80	67.86	0.06	No

Source: Calculations based on the California Department of Transportation (Caltrans), Technical Noise Supplement (Nov. 2009) formula for adding and subtracting equal sound pressure levels. Traffic volumes are based on the Project Traffic Study prepared by Crain & Associates, dated December 2015.

Stationary Noise Sources

New stationary sources of noise, such as mechanical HVAC equipment would be installed for the proposed residences at the Project Site. As discussed in Question XI(a) above, the design of this equipment would be required to comply with LAMC Section 112.02, which prohibits noise from air conditioning, refrigeration, heating, pumping, and filtering equipment from exceeding the ambient noise level on the premises of other occupied properties by more than five decibels. Thus, because the noise levels generated by the HVAC equipment serving the Proposed Project would not be allowed to exceed the ambient noise level by five decibels on the premises of the adjacent properties, a substantial permanent increase in noise levels would not occur at the nearby sensitive receptors. This impact would be less than significant.

Parking Noise

Activities within the designated subterranean parking structure areas associated with the Proposed Project would have the potential to increase ambient noise levels in the area. Sources of noise within the parking areas would include engines accelerating, doors slamming, car alarms, and people talking. Noise levels within the parking areas would fluctuate with the amount of automobile and human activity. Noise levels would be highest in the early morning and evening when the largest number of people would enter and exit the Project Site. However, any parking noise that may be audible from outside of the parking areas would be substantially similar to the existing noise generated at the surface parking areas on the Project Site. In addition, operational-related noise generated by motor driven vehicles within the Project Site is regulated under the LAMC. Specifically, with regard to motor driven vehicles, LAMC Section 114.02 prohibits the operation of any motor driven vehicles upon any property within the City such that the created noise would cause the noise level on the premises of any occupied residential property to exceed the ambient noise level by more than 5 dBA. Implementation of Mitigation Measure N-2, which pertains to the design of parking structure ramps, would further reduce the noise associated with the enclosed subterranean parking garage to less than significant levels.

Mitigation Measure:

MM-N-2 Increased Noise Levels (Parking Structure Ramps)

- Concrete, not metal, shall be used for construction of parking ramps.
- The interior ramps shall be textured to prevent tire squeal at turning areas.

d) Would the project result in a substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project?

Potentially Significant Unless Mitigation Incorporated. A significant impact may occur if the Proposed Project were to result in a substantial temporary or periodic increase in ambient noise levels above existing ambient noise levels without the Proposed Project. As defined in the *L.A. CEQA Thresholds Guide* threshold for construction noise impacts, a significant impact would occur if construction activities lasting more than one day would increase the ambient noise levels by 10 dBA or more at any off-site noise-sensitive location. In addition, the *L.A. CEQA Thresholds Guide* also states that construction activities lasting more than ten days in a three-month period, which would increase ambient exterior noise levels by 5 dBA or more at a noise sensitive use, would also normally result in a significant impact.

As discussed above, impacts are expected to be reduced to less than significant levels for construction noise and vibration, and operational noise and vibration. Implementation of Mitigation Measure MM-N-1 and Environmental [Q] Conditions 10, Noise (a) through (e), would ensure the Proposed Project would ensure all reasonably prudent and feasible measures are taken to reduce the Project's temporary or periodic construction noise impacts. As such, the Proposed Project would be consistent with the LAMC and Noise Element of the General Plan, and as such, construction noise impacts would be less than significant.

e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?

No Impact. A significant impact may occur if the Proposed Project were located within an airport land use plan and would introduce substantial new sources of noise or substantially add to existing sources of noise within or in the vicinity of the Project Site. There are no airports within a two-mile radius of the Project Site, and the Project Site is not within any airport land use plan or airport hazard zone. The Proposed Project would not expose people to excessive noise levels associated with airport uses. No impact would occur.

f) For a project within the vicinity of a private airstrip, would the project expose people residing or working in the project area to excessive noise levels?

No Impact. This question would apply to a project only if it were in the vicinity of a private airstrip and would subject area residents and workers to a safety hazard. The Project Site is not located in the vicinity of a private airstrip. As no such facilities are located in the vicinity of the Project Site, no impact would occur.

Cumulative Impacts

Less Than Significant Impact. Development of the Proposed Project in conjunction with the three related projects identified in Section II, Project Description, would result in an increase in construction-related and traffic-related noise as well as on-site stationary noise sources in the already urbanized area of the City of Los Angeles. The Project Applicant has no control over the timing or sequencing of the related projects that have been identified within the Proposed Project study area. Therefore, any quantitative analysis that assumes multiple, concurrent construction projects would be speculative. Construction-period noise for the Proposed Project and each related project (that has not yet been built) would be localized. In addition, each of the related projects would be required to comply with the City's noise ordinance, as well as mitigation measures that may be prescribed pursuant to CEQA provisions that require potentially significant impacts to be reduced to the extent feasible.

With respect to cumulative traffic noise impacts, it should be noted that the Proposed Project's mobile source vehicular noise impacts are based on the predicted traffic volumes as presented in the Project Traffic Study. Thus, the future predicted noise levels include the traffic volumes from the Proposed Project and future traffic levels associated with ambient growth and the related projects, as shown in Table III-17, Cumulative Intersection Noise Impacts. The highest increase in local noise levels shows a maximum of 0.53 dBA CNEL at the intersection of Pasadena Avenue and Avenue 28 during the PM peak hour which would be inaudible to most people. This maximum noise increase would not exceed the 3 dBA CNEL threshold of significance. As such, the Proposed Project's noise volumes would not be cumulatively considerable. Thus, the cumulative impact associated with construction noise would be less than significant.

Table III-17
Cumulative Intersection Noise Impacts

Street Intersection	Peak Hour	Noise Levels in dBA CNEL			
		Existing (2015) Without Project Traffic Volumes	Future (2020) with Project Traffic Volumes	Increase	Significant Impact?
1. Figueroa St. and Pasadena Ave. / Marmion Way	AM	67.80	68.08	0.28	No
	PM	67.80	68.09	0.29	No
2. Figueroa St. and Avenue 26	AM	67.80	68.13	0.33	No
	PM	67.80	68.19	0.39	No
3. Figueroa St. and SR-110 Fwy. NB Off-Ramp/ SB On-Ramp	AM	67.80	68.11	0.31	No
	PM	67.80	68.16	0.36	No
4. I-5 Fwy. NB Off-Ramp / Lacy St. and Avenue 26	AM	67.80	68.26	0.46	No
	PM	67.80	68.30	0.50	No
5. Pasadena Ave. and Avenue 35	AM	67.80	68.19	0.39	No
	PM	67.80	68.19	0.39	No
6. Pasadena Ave. and Avenue 33	AM	67.80	68.20	0.40	No
	PM	67.80	68.27	0.47	No
7. Pasadena Ave. and Avenue 28	AM	67.80	68.27	0.47	No
	PM	67.80	68.33	0.53	No
8. Pasadena Ave./ Avenue 26 and Daly St.	AM	67.80	68.18	0.38	No
	PM	67.80	68.18	0.38	No
9. Pasadena Ave. and I-5 Fwy. NB On/Off Ramp	AM	67.80	68.10	0.30	No
	PM	67.80	68.14	0.34	No
10. 10. Pasadena Ave. and I-5 Fwy. SB On/Off Ramp	AM	67.80	68.13	0.33	No
	PM	67.80	68.10	0.30	No

Source: Calculations based on the California Department of Transportation (Caltrans), Technical Noise Supplement (Nov. 2009) formula for adding and subtracting equal sound pressure levels. Traffic volumes are based on the Project Traffic Study prepared by Crain & Associates, dated December 2015.

XIII. POPULATION AND HOUSING

a) Would the project induce substantial population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?

Less Than Significant Impact. A significant impact may occur if the proposed project would locate new development such as homes, businesses, or infrastructure, with the effect of substantially inducing growth in the proposed area that would otherwise not have occurred as rapidly or in as great a magnitude. Based on the *L.A. CEQA Thresholds Guide*, the determination of whether the project results in a significant impact on population and housing growth shall be made considering: (a) the degree to which a project would cause growth (i.e., new housing or employment generators) or accelerate development in an undeveloped area that exceeds projected/planned levels for the year of project occupancy/buildout, and that would result in an adverse physical change in the environment; (b) whether the project would

introduce unplanned infrastructure that was not previously evaluated in the adopted Community Plan or General Plan; and (c) the extent to which growth would occur without implementation of the project.

In October 2008, SCAG approved and adopted the "2008 Regional Comprehensive Plan for the SCAG Region – Helping Communities Achieve A Sustainable Future" (2008 RCP). The 2008 RCP is a long-term comprehensive plan that provides a strategic vision for handling the region's land use, housing, economic, transportation, environmental, and overall quality of life needs. The 2008 RCP is intended to serve as an advisory document for local agencies in the SCAG region. The following vision statement and guiding principles are based on the region's adopted Compass Growth Vision Principles for Sustaining a Livable Region. These statements further articulate how the RCP can promote and sustain the region's mobility, livability, and prosperity for future generations.

RCP Vision

To foster a Southern California region that addresses future needs while recognizing the interrelationship between economic prosperity, natural resource sustainability, and quality of life. Through measured performance and tangible outcomes, the RCP serves as both a voluntary action plan with short-term guidance and strategic, long-term initiatives that are guided by the following Guiding Principles for sustaining a livable region.

RCP Guiding Principles

- *Improve mobility for all residents.* Improve the efficiency of the transportation system by strategically adding new travel choices to enhance system connectivity in concert with land use decisions and environmental objectives.

- *Foster livability in all communities.* Foster safe, healthy, walkable communities with diverse services, strong civic participation, affordable housing and equal distribution of environmental benefits.

- *Enable prosperity for all people.* Promote economic vitality and new economies by providing housing, education, and job training opportunities for all people.

- *Promote sustainability for future generations.* Promote a region where quality of life and economic prosperity for future generations are supported by the sustainable use of natural resources.

SCAG's Compass Growth Vision Strategy

SCAG's Compass Growth Vision, adopted in 2004, and incorporated into the 2008 RCP, encourages better relationships between housing, transportation, and employment. The Growth Vision is driven by four key principles: (1) Mobility – Getting where we want to go, (2) Livability – Creating positive communities, (3) Prosperity – Long-term health for the region, and (4) Sustainability – Preserving natural surroundings. Additionally, the Compass Growth Vision incorporates a 2% Growth Strategy that will increase the region's mobility by:

- Putting new employment centers and new neighborhoods near major transit systems so that people can have transportation choices other than their cars.
- Designing safe, attractive transit centers and plazas that people enjoy using.
- Creating mini-communities around transit stations, with small businesses, urban housing and restaurants all within an easy walk.

Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS)

On April 2016, SCAG's Regional Council adopted the 2016-2040 Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS): A Plan for Mobility, Accessibility, Sustainability, and a High Quality of Life. The RTP/SCS is the culmination of a multi-year effort involving stakeholders from across the SCAG Region. The 2016-2040 RTP/SCS balances the Southern California region's future mobility and housing needs with economic, environmental, and public health goals.

Based on the regional growth projections in the 2016-2040 RTP/SCS, in 2012, the City of Los Angeles had an estimated permanent population of approximately 3,845,500 persons, approximately 1,325,500 residences, and 1,696,400 jobs. By the year 2040, SCAG forecasts the City of Los Angeles will increase to 4,609,400 persons (or a 20 percent increase from the year 2012) with approximately 1,690,300 residences (or an 28 percent increase from the year 2012) and approximately 2,169,100 jobs (or an approximate 28 percent increase from year 2012). SCAG's population, housing and employment projections for the City of Los Angeles, Los Angeles County, and the SCAG region as a whole for 2012 and 2040 are further summarized in Table III-18, below.

Table III-18
SCAG Population and Housing Projections for the City of Los Angeles, Los Angeles County and the SCAG Region

Population			
	2012	2040	%Growth (2012-2040)
Los Angeles City [a]	3,845,500	4,609,400	20%
Los Angeles County [b]	9,923,000	11,514,000	16%
SCAG Region [b]	18,322,000	22,138,000	21%
Households			
	2012	2040	%Growth (2012-2040)
Los Angeles City [a]	1,325,500	1,690,300	28%
Los Angeles County [b]	3,257,000	3,946,000	21%
SCAG Region [b]	5,885,000	7,412,000	26%
Employment			
	2012	2040	%Growth (2012-2040)
Los Angeles City [a]	1,696,400	2,169,100	28%
Los Angeles County [b]	4,246,000	5,226,000	23%
SCAG Region [b]	7,440,000	9,872,000	33%

Notes:
[a] *SCAG, 2016-2040 RTP/SCS Growth Forecast, Demographics and Growth Forecast Appendix, adopted April 2016.*
[b] *SCAG, 2016-2040 RTP/SCS Growth Forecast, adopted April 2016.*

On a policy level, the Proposed Project is consistent with the goals and strategies of the RCP and the Compass Growth Vision Strategy discussed above, as the Proposed Project would revitalize an underutilized, fully developed property in an existing industrial and commercial area. The Proposed Project is an infill development Project within the Northeast Los Angeles Community Plan Area within the City of Los Angeles. Further, the Project Site is located within a Transit Priority Area. With respect to regional growth forecasts, SCAG forecasts the City of Los Angeles Subregion will experience a population increase to 4.6 million persons by 2040. The U.S. Census Bureau reported the City of Los Angeles as having a population of 3,792,621 persons and 1,413,995 housing units in 2010.[39] As shown in Table III-18, SCAG Population and Housing Projections for the City of Los Angeles, Los Angeles County and the SCAG Region, the forecast from 2012 through 2040 envisions growth of 763,900 additional persons, yielding an approximate 20% growth rate. The number of households is anticipated to increase by 364,800 households, or approximately 28% between 2012 and 2040. The number of employment opportunities is anticipated to increase by 472,700 jobs, or approximately 28% between 2012 and 2040.

Based on the community's current household demographics (e.g., an average of 3.27 persons per multi-family household for the Northeast Los Angeles area), the construction of up to 372 multi-family dwelling units would result in an increase of approximately 1,216 net permanent residents in the City of

[39] *U.S. Census Bureau: State and County QuickFacts. Data derived from Population Estimates, American Community Survey, Census of Population and Housing, County Business Patterns, Economic Census, Survey of Business Owners, Building Permits, Census of Governments, Last Revised: Wednesday, 2-Dec-2015.*

Los Angeles.[40] Further, the Project includes approximately 30,000 square feet of creative office space and 10,000 square feet of retail space. The Proposed Project would generate the need of approximately 149 employees.[41] The employees generated by the Proposed Project would be consistent with the anticipated increase of jobs within the City of Los Angeles between 2012 and 2040.

According to the Department of City Planning, Northeast Los Angeles Community Plan anticipated a 2010 population capacity of 267,973 persons and 76,551 housing units within the CPA.[42] According to the 2010 United States Census data, the actual population and housing units within the CPA were approximately 237,483 persons and 77,817 housing units.[43] The comparison of the Community Plan's projected housing and population numbers and the Census' actual housing and population numbers, show that the CPA has a remaining growth capacity of approximately 30,490 persons to meet 2010 forecasts. Additionally, the data shows that the CPA currently has more housing units than projected by the Community Plan. The population generated by the Proposed Project would be within the planned capacity for the CPA, and the Project's housing units would add to the area's housing units that are currently over the planned capacity. Nevertheless, the proposed increase in housing units and population would be consistent with the SCAG forecast of 364,800 additional households and approximately 763,900 persons in the City of Los Angeles between 2012 and 2040. Additionally, the Project's 372 housing units would support the City's goal of addressing the housing crisis and diversifying the housing mix within the City. The Proposed Project would reserve 31 dwelling units as very low income units. As such, the Proposed Project would not cause growth (i.e., new housing or employment generators) or accelerate development in an undeveloped area that exceeds projected/planned levels for the year of Proposed Project occupancy/buildout or that would result in an adverse physical change in the environment. The Project would not introduce unplanned infrastructure that was not previously evaluated in the adopted Community Plan or General Plan.

b) Would the project displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere?

No Impact. A significant impact may occur if the Proposed Project would result in the displacement of existing housing units, necessitating the construction of replacement housing elsewhere. The Proposed Project would consist of the development of new housing and commercial land uses on a site that is currently occupied by four light manufacturing buildings and paved surface loading and parking areas. As such, the Proposed Project would not displace any existing housing. The proposed residential, creative office, and retail/restaurant land uses are consistent with the allowable uses as permitted by the zoning and General Plan land use designations. Therefore, no impact would occur.

---

[40] *Los Angeles Department of City Planning Demographic Research Unit, City of Los Angeles: 2009 Population Estimate Population by Housing Type, Northeast Los Angeles Community Plan Area, website: http://cityplanning.lacity.org/DRU/Locl/LocFrame.cfm?geo=CP&loc=NLA&sgo=ct&rpt=PnH&yrx=Y09, accessed February 2016.*

[41] *United States Green Building Council, Building Area Per Employee by Business Type, May 13, 2008.*

[42] *City of Los Angeles Department of City Planning, Northeast Los Angeles Community Plan, June 15, 1999.*

[43] *United States Census Bureau, United States Census 2010, website: http://www.census.gov/2010census/popmap/ipmtext.php, accessed September 2014.*

c) Would the project displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?

No Impact. The Proposed Project would consist of the development of a new housing and commercial land uses on a site that is currently occupied by four light manufacturing buildings and paved surface loading and parking areas. No displacement of existing housing would occur with the development of the Proposed Project. Therefore, no impact would occur.

Cumulative Impacts

Less Than Significant Impact. The related projects would introduce additional residential, medical office, retail, and educational uses to the City of Los Angeles. Any residential related projects would result in direct population growth in the City of Los Angeles, and related project including commercial or educational uses can result in indirect population growth. As shown in Table III-19, the Proposed Project and related projects that involve residential developments would cumulatively contribute 826 new residential dwelling units to the Northeast Los Angeles Community Plan area, generating approximately 2,701 new residents. The cumulative growth generated by the Proposed Project and related projects would be within SCAG's RTP/SCS growth projections for the City of Los Angeles and SCAG region.

As discussed in Question XIII(a), the Proposed Project would not exceed the growth projections of SCAG's RTP/SCS for the City of Los Angeles subregion. Furthermore, the Proposed Project is the type of project encouraged by SCAG and City policies, as the Project would promote and help accommodate growth in urban centers that are close to existing employment opportunities. Because the Proposed Project would not displace any residents, and population growth potentially associated with the Proposed Project has already been anticipated per SCAG projections, the Proposed Project's population growth would not be cumulatively considerable. Therefore, the Proposed Project's cumulative impacts to population and housing would be less than significant.

Table III-19
Projected Cumulative Housing Units

Related Projects (By Housing Type)	Total Housing Units	Total Residents [a]
Apartments/Condominiums [b]	454	1,485
Related Projects Total:	*454*	*1,485*
Proposed Project Net Total:	*372*	*1,216*
Cumulative Total:	**826**	**2,701**

Notes:
[a] *Apartment/Condominiums result in direct population growth.*
[b] *Based on a generation rate of 3.27 residents per dwelling unit. Los Angeles Department of City Planning Demographic Research Unit, City of Los Angeles: 2009 Population Estimate Population by Housing Type, Northeast Los Angeles Community Plan Area, website: http://cityplanning.lacity.org/DRU/Locl/LocFrame.cfm?geo=CP&loc=NLA&sgo=ct&rpt=PnH&yrx=Y09, accessed February 2016.*
Source: Parker Environmental Consultants, 2016.

XIV. PUBLIC SERVICES

a) Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered government facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objective for any of the following public services:

(i) Fire protection?

Less Than Significant Impact.

Construction

Construction of the Proposed Project would increase the potential for accidental on-site fires from the operation of construction equipment and the use of flammable construction materials. The implementation of best management practices (BMPs) for the operation of mechanical equipment and the use of flammable construction materials by construction contractors and work crews would minimize fire hazards associated with the construction of the Proposed Project. The BMPs that would be implemented during construction of the Project would include: keeping mechanical equipment in good operating condition, and as required by law, carefully storing flammable materials in appropriate containers, and the immediate and complete cleanup of spills of flammable materials when they occur.

Construction activities also have the potential to affect fire protection services, such as emergency vehicle response times, by adding construction traffic to the street network and potentially requiring partial lane closures during street improvements and utility installations. Thus, construction could have the potential to adversely affect fire access. However, these impacts are considered to be less than significant because emergency access would be maintained to the Project Site during construction through marked emergency access points approved by the LAFD, construction impacts are temporary in nature and do not cause

lasting effects, and no complete lane closures are anticipated. Additionally, if any partial street closures are required, flagmen would be used to facilitate the traffic flow until construction is complete.

Operation

Based on the *L.A. CEQA Thresholds Guide*, a project would normally have a significant impact on fire protection if it requires the addition of a new fire station or the expansion, consolidation or relocation of an existing facility to maintain service. Section 15382 of the CEQA guidelines defines "significant effect on the environment" as "a substantial, or potentially substantial, adverse change in any of the physical conditions within the area affected by the project including land, air, water, minerals, flora, fauna, ambient noise, and objects of historic or aesthetic significance. An economic or social change by itself shall not be considered a significant effect on the environment. A social or economic change related to a physical change may be considered in determining whether the physical change is significant." Thus, the addition of a new fire station or the expansion, consolidation or relocation of an existing facility to maintain service would only be considered significant if such activities result in a physical adverse impact upon the environment.

The City of Los Angeles Fire Department (LAFD) considers fire protection services for a project adequate if a project is within the maximum response distance for the land use proposed. Pursuant to Section 57.09.07A of the LAMC, the maximum response distance between residential land uses and a LAFD fire station that houses an engine or truck company is 1.5 miles. If the distance is exceeded, all structures located in the applicable residential or commercial area would be required to install automatic fire sprinkler systems. With such systems installed, fire protection would be considered adequate even if the Proposed Project is located beyond the maximum response distance.

The Proposed Project would include up to 372 dwelling units, 30,000 square feet of office space, and up to 10,000 square feet of retail/restaurant uses. The proposed land uses would generate approximately 1,216 new residents and 149 employees.[44] The Proposed Project would increase the utilization of the Project Site, which is currently used as manufacturing warehouses, and would potentially increase the demand for LAFD services. The Project Site is served by LAFD Station No. 1, located at 2230 Pasadena Avenue, which is approximately 0.7 mile south of the Project Site. Based on the response distance criteria specified in LAMC 57.09.07A and the relatively short distance from Fire Station No. 1 to the Project Site, fire protection response would be considered adequate. Compliance with Environmental [Q] Condition C.21, Public Services (Fire), would ensure impacts upon fire services are reduced to less than significant levels.

Cumulative Impacts

Less Than Significant Impact. The Proposed Project, in combination with the three related projects, could increase the demand for fire protection services in the Project area. Specifically, there could be increased demands for additional LAFD staffing, equipment, and facilities over time. This need would be

[44] *A residential generation rate of 3.27 used. Employee rate of 228 square feet per office employee and 588 square feet per neighborhood retail employee used.*

funded via existing mechanisms (e.g., property taxes, government funding, and developer fees) to which the Proposed Project and related projects would contribute. Similar to the Proposed Project, each of the related projects would be individually subject to LAFD review and would be required to comply with all applicable fire safety requirements of the LAFD in order to adequately mitigate fire protection impacts. Specifically, any related project that exceeded the applicable response distance standards described above would be required to install automatic fire sprinkler systems in order to mitigate the additional response distance. To the extent cumulative development causes the need for additional fire stations to be built throughout the City, the development of such stations would be on small infill lots within existing developed areas and would not likely cause a significant impact upon the environment. Nevertheless, the siting and development of any new fire stations would be subject to further CEQA review and evaluated on a case-by-case basis. However, as the LAFD does not currently have any plans for new fire stations to be developed in proximity to the Project Site, no impacts are currently anticipated to occur. On this basis, the Proposed Project would not make a cumulatively considerable impact to fire protection services, and, as such cumulative impacts on fire protection would be less than significant.

(ii) Police Protection?

Potentially Significant Unless Mitigation Incorporated. A significant impact may occur if the City of Los Angeles Police Department (LAPD) could not adequately serve a project, necessitating a new or physically altered station. Section 15382 of the CEQA guidelines defines "significant effect on the environment" as "a substantial, or potentially substantial, adverse change in any of the physical conditions within the area affected by the project including land, air, water, minerals, flora, fauna, ambient noise, and objects of historic or aesthetic significance. An economic or social change by itself shall not be considered a significant effect on the environment. A social or economic change related to a physical change may be considered in determining whether the physical change is significant." Thus, the addition of a new police station or police substation, if warranted, would only be considered significant if the construction or operation of a new facility results in a physical adverse impact upon the environment. Based on the *L.A. CEQA Thresholds Guide*, the determination of whether the project results in a significant impact on police protection shall be made considering the following factors: (a) the population increase resulting from the Proposed Project, based on the net increase of residential units or square footage of non-residential floor area; (b) the demand for police services anticipated at the time of project buildout compared to the expected level of service available. Consider, as applicable, scheduled improvements to LAPD services (facilities, equipment, and officers) and the project's proportional contribution to the demand; and (c) whether the project includes security and/or design features that would reduce the demand for police services.

The Proposed Project would include up to 372 dwelling units, 30,000 square feet of office space, and up to 10,000 square feet of retail/restaurant uses. The proposed land uses would generate approximately 1,216 new residents and 149 employees. The Proposed Project would increase the utilization of the Project Site, which is currently used as warehouse distributors. These land uses would potentially increase the demand for LAPD services. The Project Site is located in the Hollenbeck area division of the LAPD's Central Bureau. The Hollenbeck Community consists of Aliso Village, Boyle Heights, El Sereno, Estrada Court, Hermon, Hillside Village, Lincoln Heights, Montecito Heights, Monterey Hills, Pico Gardens, Ramona Gardens, Rose Hills Courts, and University Hills. The Project Site is served by the Hollenbeck

Community Police Station, located at 2111 E. 1st Street, which is approximately 3.6 miles south of the Project Site. Table III-20, Hollenbeck Area Crime Statistics, provides crime statistics for the Project area in the City of Los Angeles.

Table III-20
Hollenbeck Area Police Station Crime Statistics

Crimes	2016 (Year to Date)[a]	2015 (Year to Date)	2014 (Year to Date)
Violent Crimes			
Homicide	1	0	2
Rape	3	5	2
Robbery	28	25	20
Aggravated Assault	68	52	45
Total Violent Crimes	**100**	**82**	**69**
Property Crimes			
Burglary	36	45	20
Motor Vehicle Theft	146	105	117
BTFV	138	111	71
Personal / Other Theft	81	75	74
Total Property Crimes	**401**	**336**	**282**
Total Part 1 Crimes	**501**	**418**	**351**
Child / Spousal Abuse (Part I & II)[b]	81	61	23
Shots Fired	32	14	31
Shooting Victims	11	3	14

Notes:
[a] *Crime Statistics for week ending February 6, 2016.*
[b] *Part II Child/Spousal Abuse Simple Assaults not included in Part 1 Aggravated Assaults above to comply with the FBI's Uniform Crime Reporting guidelines.*
Source: LAPD, COMPSTAT Unit, Hollenbeck Area Profile, accessed February 2016.

Construction sites, if left unsecured, have the potential to attract trespassers and/or vandals that would potentially result in graffiti, excess trash, and potentially unsafe conditions for the public. Such occurrences would adversely affect the aesthetic character of the Project Site and surrounding area and could potentially cause public health and safety concerns. With compliance to Mitigation Measure MM-PS-1, below, Project impacts would be less than significant during the construction period.

Implementation of the Proposed Project would result in an increase of site visitors, residents, and employees to the Project Site, thereby generating a potential increase in the number of service calls from the Project Site. Responses to thefts, vehicle burglaries, vehicle damage, traffic-related incidents, and crimes against persons would be anticipated to escalate as a result of the increased on-site activity and increased traffic on adjacent streets and arterials. The Proposed Project would include adequate and strategically positioned functional and thematic lighting to enhance public safety. Visually obstructed and infrequently accessed "dead zones" would be limited and, where possible, security controlled to limit public access. The building and layout design of the Proposed Project would also include crime prevention features, such as nighttime security lighting and secure parking facilities. In addition, the

continuous visible and non-visible presence of residents at all times of the day would provide a sense of security during evening and early morning hours. As such, the Project residents would be able to monitor suspicious activity at the building entry points. These preventative and proactive security measures would decrease the amount of service calls to the LAPD. With adherence to Mitigation Measure MM-PS-1, identified below, the Proposed Project's potential impact upon LAPD services is less than significant.

Mitigation Measure:

MM-PS-1 (Police):

- The plans shall incorporate the Design Guidelines (defined in the following sentence) relative to security, semi-public and private spaces, which may include but not be limited to access control to building, secured parking facilities, walls/fences with key systems, well-illuminated public and semi-public space designed with a minimum of dead space to eliminate areas of concealment, location of toilet facilities or building entrances in high-foot traffic areas, and provision of security guard patrol throughout the project site if needed. Please refer to "Design Out Crime Guidelines: Crime Prevention Through Environmental Design," published by the Los Angeles Police Department. Contact the Community Relations Division, located at 100 W. 1st Street, #250, Los Angeles, CA 90012; (213) 486-6000. These measures shall be approved by the Police Department prior to the issuance of building permits.

Cumulative Impacts

Less Than Significant Impact. The Proposed Project, in combination with the three related projects, would increase the demand for police protection services in the Project area. Specifically, there would be an increased demand for additional LAPD staffing, equipment, and facilities over time. This need would be funded via existing mechanisms (e.g., sales taxes, government funding, and developer fees), to which the Proposed Project and related projects would contribute. In addition, each of the related projects would be individually subject to LAPD review and would be required to comply with all applicable safety requirements of the LAPD and the City of Los Angeles in order to adequately address police protection service demands. Furthermore, each of the related projects would likely install and/or incorporate adequate crime prevention design features in consultation with the LAPD, as necessary, to further decrease the demand for police protection services. To the extent cumulative development causes the need for additional police stations to be built throughout the City, the development of such stations would be on small infill lots within existing developed areas and would not likely cause a significant impact upon the environment. Nevertheless, the siting and development of any new police stations would be subject to further CEQA review and evaluated on a case-by-case basis. However, as the LAPD does not currently have any plans for new police stations to be developed in proximity to the Project Site. No impacts are currently anticipated to occur. On this basis, the Proposed Project would not make a cumulatively considerable impact to police protection services, and cumulative impacts on police protection would be less than significant.

(iii) Schools?

Less Than Significant Impact. A significant impact may occur if a project includes substantial employment or population growth, which could generate a demand for school facilities that would exceed the capacity of the Los Angeles Unified School District (LAUSD). The Project Site is located in LAUSD Board District 2 and 5. The Project Site is currently served by one elementary school, one middle school, and two high schools. Table III-21, Resident Schools Serving the Project Site, details the names, grades served, and location of each school.

Table III-21
Resident Schools Serving the Project Site

School Name	Grades	Address
Hillside Elementary	K-5	120 E. Avenue 35
Florence Nightingale Middle School	6-8	3311 N. Figueroa Street
Woodrow Wilson Senior High	9-12	4500 Multnomah Street
Abraham Lincoln Senior High (includes Lincoln High School Leadership in Entertainment & Media Arts)	9-12	3501 N. Broadway

Notes: Some schools are charter schools and require an application process prior to student enrollment.
Source: Los Angeles Unified School District, Resident School Identifier, website: http://rsi.lausd.net/ResidentSchoolIdentifier/, accessed February 2016.

As shown in Table III-22, Proposed Project Estimated Student Generation, the Proposed Project would generate approximately 60 elementary students, 16 middle school students and 34 high school students, for a total of up to 110 students. This would create an increased demand on local school districts. As shown in the Related Projects List (Table II-6 of Section II. Project Description), Related Project No. 3 includes the development of a middle school with a capacity of 74 students and a high school with a capacity of 263 students. The construction of this related project would further lessen the school demands in the area. Furthermore, the Project Applicant would be required to pay all applicable developer fees to the LAUSD to offset the Proposed Project's demands upon local schools. Pursuant to Government Code Section 65995, the development fees authorized by SB 50 are deemed to be "full and complete school facilities mitigation." Thus, the Proposed Project's potential impact upon public school services would be less than significant by the following regulatory compliance measure:

- **(Payment of School Development Fee)**: Prior to issuance of a building permit, the General Manager of the City of Los Angeles, Department of Building and Safety, or designee, shall ensure that the Applicant has paid all applicable school facility development fees in accordance with California Government Code Section 65995.

Table III-22
Proposed Project Estimated Student Generation

Land Use	Size	Elementary School Students	Middle School Students	High School Students	Total Students
Existing Uses					
Industrial [a]	118,284 sf	2	1	1	4
Total Existing Students:		**2**	**1**	**1**	**4**

Proposed Project					
Multi-Family [b]	372 du	61	17	35	113
Office [c]	30,000 sf	1	0	0	1
Commercial [d]	10,000 sf	0	0	0	0
Total Project Student Generation:		**62**	**17**	**35**	**114**
Less Existing Students:		*-2*	*-1*	*-1*	*-4*
NET Student Generation:		**60**	**16**	**34**	**110**

Notes:
sf = square feet; du = dwelling units
[a] *Student generation rates are as follows for industrial uses: .018 elementary, .0083 middle and .008 high school students per 1,000 square feet.*
[b] *Student generation rates are as follows for multi-family residential uses: .1649 elementary, .0450 middle and .0943 high school students per unit.*
[c] *Student generation rates are as follows for office uses: .0233 elementary, .0108 middle and .0104 high school students per 1,000 square feet.*
[d] *Student generation rates are as follows for retail/commercial uses: .0149 elementary, .0069 middle and .0067 high school students per 1,000 square feet.*
Source: For bullet points (b) above: Los Angeles Unified School District, School Facilities Needs Analysis for Los Angeles Unified School District, September 2012.
-For bullet points (a), (c) and (d) above: Los Angeles Unified School District, School Fee Justification Study, September 2002.

Cumulative Impacts

Less Than Significant Impact. The Proposed Project, in combination with the three related projects is expected to result in a cumulative increase in the demand for school services. Development of the related projects would likely generate additional demands upon school services. These related projects would have the potential to generate students that would attend the same schools as the Proposed Project. As shown in Table III-23, Projected Cumulative Student Generation, the Proposed Project and related projects would cumulatively contribute approximately 105 elementary school students, 28 middle school students and 60 high school students, for a total of up to 193 students. This would create an increased cumulative demand on local school districts. As noted in Table II-6 in Section II. Project Description, Related Project No. 3 proposes the development of a middle school and high school, which would further lessen the overall demand on schools in the Project area. Additionally, each of the new housing units would be responsible for paying mandatory school fees to mitigate the increased demand for school services. Cumulative impacts on schools would be less than significant.

Table III-23
Projected Cumulative Student Generation

Land Use	Size	Elementary School Students	Middle School Students	High School Students	Total Students
Single-Family Attached [a]	290 du	15	4	9	28
Multi-Family Residences [b]	164 du	27	7	16	50
Office [c]	72,740 sf	2	1	1	4
Retail [d]	40,000 sf	1	0	0	1
Related Projects Total:		**45**	**12**	**26**	**83**
Proposed Project Net Total:		60	16	34	110

Cumulative Total:	**105**	**28**	**60**	**193**

Notes:
sf = square feet; du = dwelling units
Uses not listed are estimated by the closest type of use available in the table.
[a] *Student generation rates are as follows for single-family attached residential uses: .053 elementary, .0145 middle and .0303 high school students per unit.*
[b] *Student generation rates are as follows for multi-family residential uses: .1649 elementary, .0450 middle and .0943 high school students per unit.*
[c] *Student generation rates are as follows for office uses: .0233 elementary, .0108 middle and .0104 high school students per 1,000 square feet.*
[d] *Student generation rates are as follows for retail/commercial uses: .0149 elementary, .0069 middle and .0067 high school students per 1,000 square feet.*
Sources:
-For bullet points (a) and (b) above: Los Angeles Unified School District, School Facilities Needs Analysis for Los Angeles Unified School District, September 2012.
-For bullet points (c) and (d) above: Los Angeles Unified School District, School Fee Justification Study, September 2002.
-Conversions of square feet per occupant are based on California Building Code (2013), Ch.10, Table 1004.1.2.

(iv) Parks?

Less Than Significant Impact. A significant impact would occur if the recreation and park services available could not accommodate the projected population increase resulting from implementation of a project or if the proposed project resulted in the construction of new recreation and park facilities that create significant direct or indirect impacts to the environment. Based on the *L.A. CEQA Thresholds Guide*, the determination of whether the project results in a significant impact on recreation and parks shall be made considering the following factors: (a) the net population increase resulting from the Proposed Project; (b) the demand for recreation and park services anticipated at the time of project buildout compared to the expected level of service available. Consider, as applicable, scheduled improvements to recreation and park services (renovation, expansion, or addition) and the project's proportional contribution to the demand; and (c) whether the project includes features that would reduce the demand for park services (e.g., on-site recreation facilities, land dedication, or direct financial support to the Department of Recreation and Parks).

The Public Recreation Plan (PRP), a portion of the Service Systems Element of the City of Los Angeles General Plan, provides standards for the provision of recreational facilities throughout the City and includes Local Recreation Standards. The desired long-range standard for local parks is based on two acres per 1,000 persons for neighborhood parks and two acres per 1,000 persons for community parks or four acres per 1,000 persons of combined neighborhood and community parks. However, the PRP also notes that these long-range standards may not be reached during the life of the plan, and, therefore, includes more attainable short- and intermediate-range standards of one (1) acre per 1,000 persons for neighborhood parks and one (1) acre per 1,000 persons for community parks, or two (2) acres per 1,000 people of combined neighborhood and community parks. These standards are Citywide goals and are not intended to be requirements for individual development projects. The Public Recreation Element of the City's General Plan also recognizes that the achievement of such goals is not the responsibility of individual development projects and that such goals will be met by "seek[ing] federal, state and private funds to implement acquisition and development of parks and recreational facilities."

The Proposed Project is located within a highly urbanized area within the Northeast Los Angeles Community Plan Area. As shown in Table III-24, there is over 1,210 acres of parkland and public

recreation facilities within a 2-mile radius of the Project Site. These facilities range from 0.46-acres (East Los Angeles Park) to 600 acres (Elysian Park). The Project Site is surrounded by relatively big parks (over 50 acres) such as Elysian Park, Ascot Hills Park, Ernest E. Debs Regional Park, and Arroyo Seco Park. Due to the large sizes, only portions of Arroyo Seco Park and Elysian Park are within the 2-mile radius of the Project Site. As discussed in Checklist Question XII (a), it is estimated that the development of the Proposed Project would result in an increase of 1,216 new residents to the area. Based on the standard parkland ratio goal of 4 acres per 1,000 residents, the Proposed Project would generate a Citywide goal of serving such residents with approximately 4.86 acres of additional public parkland. The Proposed Project would contribute towards the achievement of such goal through a combination of (1) on-site open space proposed within the Project, (2) payment of applicable taxes in accordance with LAMC Section 21.10.3(a)(1), and (3) the availability of existing park and recreation facilities within the area. The Proposed Project would provide approximately 39,575 square feet of total common open space and amenities on-site available to serve Project residents and their guests. The Proposed Project may include a variety of on-site amenities including, but not limited to, common open space, community gardens, a roof deck, pool deck, barbecue pits, and a gymnasium. Pursuant to Ordinance No. 179,280 the Proposed Project is required to provide a minimum of 64,744 square feet of publicly accessible public open space throughout the Project Site in the form of open space, paseos, and paths. The Project proposes to provide 64,744 square feet of publicly accessible open space, thereby achieving the required square feet of open space required by the LAMC and Ordinance No. 179,280.

In addition to the on-site open space provided within the Proposed Project, the Proposed Project is subject to Ordinance 184,505, which requires the payment of park mitigation fees for residential, non-subdivision projects. In accordance with Ordinance 184,505, these fees may be offset or reduced based on the amount of on-site open space and recreational amenities provided on-site. Therefore, under the City's mandatory park mitigation fee, which is collected prior to a certificate of occupancy for residential land uses (see regulatory compliance measure, below), the Proposed Project's impact upon parks and recreational facilities would be reduced to a less-than-significant level.

Regulatory Compliance Measure:

- **(Increased Demand For Parks Or Recreational Facilities):** Pursuant to Ordinance 184,505, the applicant shall pay the park mitigation fees for construction of apartment buildings.

Table III-24
Recreation and Park Facilities within the Project Area

Park Name	Park Size (acres)	Park Amenities	Approx. Distance to Project Site (miles)
1. Lacy Street Neighborhood Park	0.55	Picnic tables, parking lot	0.30
2. Graeyor Oak Mini Park	0.65	Pocket Park	0.37
3. East Los Angeles Park	0.46	Children's play area, picnic tables	0.62
4. Cypress Park and Recreation Center	3.15	Auditorium, barbecue pits, children's play area, indoor gym with weights, picnic tables	0.63
5. Lincoln Heights Recreation Center	1.24	Indoor gym (without weights), auditorium, basketball courts (lighted/indoor), basketball courts (lighted/outdoor),	0.77

Park Name	Park Size (acres)	Park Amenities	Approx. Distance to Project Site (miles)
		children's play area	
6. L.A. Youth Athletic Club	4.80	Indoor gym (with weights), boxing facility, karate/kickboxing room, television area	0.78
7. Elysian Park	600.0	Golf course, arboretum, hiking trails, horseshoe pits, jogging paths, picnic area, children's play area, indoor gym, basketball courts, barbecue pits	0.79
8. Montecito Heights Recreation Center	4.50	Auditorium, basketball courts (lighted/indoor), basketball courts (unlighted/outdoor), children's play area, indoor gym (with weights), picnic tables, tennis courts (unlighted), volleyball courts (unlighted), weight room	0.90
9. Carlin G. Smith Recreation Center	2.70	Auditorium, basketball court (lighted/outdoor), children's play area, picnic area	0.96
10. Downey Pool and Recreation Center	5.96	Pool, auditorium, baseball diamond (lighted), children's play area, outdoor basketball court, picnic tables	1.04
11. Ernest E. Debs Regional Park	282.0	Barbecue pits, picnic tables, recreation center	1.11
12. Sycamore Grove Park	19.10	Barbecue pits, children's play area, picnic tables, tennis courts (lighted), bandshell, concession stand	1.29
13. Rose Hill Park and Recreation Center	2.18	Barbecue pits, baseball diamond (lighted/unlighted), children's play area, picnic tables, community garden	1.33
14. Lincoln Park and Recreation Center	43.80	Auditorium, barbecue pits, baseball diamond (lighted), basketball courts (lighted/indoor), children's play area, indoor gym (with weights), picnic tables, soccer field (unlighted), tennis courts (unlighted), pool, picnic tables	1.34
15. Rio De Los Angeles State Park	21.40	Community room, picnic area, tennis courts (lighted), basketball courts (lighted/outdoor), baseball field (lighted0, softball field (lighted), two soccer fields (lighted), junior soccer fields (unlighted), junior synthetic soccer field (unlighted), walking trail	1.36
16. Ascot Hills Park	94.00	Hiking trails	1.43
17. Moon Canyon Park	4.50	Hike trails, dog park	1.53
18. Hazard Park and Recreation Center	30.60	Auditorium, barbecue pits, basketball courts (lighted/indoor), children's play area, community room, handball courts (unlighted), indoor gym (without weights), picnic tables, tennis courts (lighted), skate park,	1.76
19. El Sereno Recreation Center	12.10	Auditorium, barbecue pits, baseball diamond (lighted), basketball courts (lighted/indoor/outdoor), children's play area, community room, indoor/outdoor gym (without weights), picnic tables, tennis courts (lighted), skate park	1.87
20. Cleland Avenue Bicentennial Park	0.93	Children's play area	1.93
21. Arroyo Seco Park	73.90	Barbecue pits, children's play area, picnic tables, tennis courts (lighted)	2.00
22. Bud Weiner Park	0.65	Pocket park, benches	2.00
23. Elysian Valley Recreation Center	1.13	Auditorium, baseball diamond (lighted), one basketball court (indoor), children's play area, two community rooms, handball court (unlighted)	2.00
Total Parkland (Approximate):	**1,210.3**		

Sources: Park distances, size, and amenities were determined using:
(1) City of Los Angeles, Department of Recreation and Parks, http://www.laparks.org;
(2) Navigate LA, http://navigatela.lacity.org/navigatela/; and
(3) Google Earth (when necessary), accessed February 2016.

Cumulative Impacts

Less Than Significant Impact. Development of the Proposed Project in conjunction with the three related projects could result in an increase in permanent residents residing in the greater Project area. Additional cumulative development would contribute to lowering the City's existing parkland to population ratio, which is currently below the preferred standard. However, each of the residential related projects are required to comply with payment of Quimby Fees (for subdivision projects with greater than 50 units) and/or park mitigation fees (for all other residential projects). Each residential related project would also be required to comply with the on-site open space requirements of the LAMC. Therefore, with payment of the applicable recreation fees on a project-by-project basis, the Proposed Project would not make a cumulatively considerable impact to parks and recreational facilities, and cumulative impacts would be less than significant.

(v) Other Public Facilities?

Less Than Significant Impact. A significant impact may occur if a project includes substantial employment or population growth that could generate a demand for other public facilities (such as libraries), which would exceed the capacity available to serve the Project Site. Based on the *L.A. CEQA Thresholds Guide*, the determination of whether the project results in a significant impact on libraries shall be made considering the following factors: (a) the net population increase resulting from the Project; (b) the demand for library services anticipated at the time of project buildout compared to the expected level of service available. Consider, as applicable, scheduled improvements to library services (renovation, expansion, addition or relocation) and the project's proportional contribution to the demand; and (c) whether the project includes features that would reduce the demand for library services (e.g., on-site library facilities or direct financial support to the Los Angeles Public Library).

Within the City of Los Angeles, the Los Angeles Public Library (LAPL) provides library services at the Central Library and 72 regional branch libraries. Approximately 6.5 million books and other materials comprise the LAPL collection. Approximately 6.5 million books and other materials comprise the LAPL collection. The LAPL branches currently serving the Project Site include:

- Lincoln Heights Branch Library, located at 2530 Workman Street, approximately 0.5 mile south of the Project Site; and
- Cypress Park Branch Library, located at 1150 Cypress Avenue, approximately 1.0 mile northwest of the Project Site.[45]

It is anticipated that the existing libraries within the Project area would be able to meet the Proposed Project's demand for library services. Therefore, the Proposed Project's impacts upon library services would be considered less than significant.

---

[45] *City of Los Angeles Public Library, Hours and Locations, website: http://www.lapl.org/branches, accessed February 2016.*

Cumulative Impacts

Less Than Significant Impact. Development of the related projects is projected to generate additional housing and residents within the study area, which would likely generate additional demands upon library services. This increase in resident population, combined with the 1,216 additional residents generated by the Proposed Project, would result in a cumulative increase in demands upon public library services. To meet the increased demands upon the City's Public Library system, Los Angeles voters passed a Library Bond Issue for $178.3 million to improve, renovate, expand, and construct 32 branch libraries. Since the Program's inception in 1998, the Library Department and the Department of Public Works, Bureau of Engineering have made considerable progress in the design and construction of the branch library facilities. Based on the growth forecasts utilized in the 2015-2020 Strategic Plan, much of this growth has already been accounted for in planning new and expanded library facilities. Thus, the 2,701 additional residents generated by the Proposed Project and the related projects would not make a cumulatively considerable impact upon the City's library system. Therefore, the cumulative impacts related to library facilities would be reduced to a less than significant level.

XV. RECREATION

a) Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?

Less Than Significant Impact. For the purpose of this MND, a significant impact may occur if the project would include substantial employment or population growth, which would increase the use of existing neighborhood and regional parks or other recreational facilities, such that substantial physical deterioration of the facility would occur or be accelerated. Based on the *L.A. CEQA Thresholds Guide*, the determination of whether the project results in a significant impact on recreation and parks shall be made considering the following factors: (a) the net population increase resulting from the proposed project; (b) the demand for recreation and park services anticipated at the time of project buildout compared to the expected level of service available. Consider, as applicable, scheduled improvements to recreation and park services (renovation, expansion, or addition) and the project's proportional contribution to the demand; and (c) whether the project includes features that would reduce the demand for park services (e.g., on-site recreation facilities, land dedication, or direct financial support to the Department of Recreation and Parks).

It is reasonable to assume that the future occupants of the Proposed Project would utilize recreation and park facilities in the surrounding area. As noted in Table III-24, above, there are 23 existing new and recently improved parks within the Project area totaling more than 1,210 acres that are available to serve the future residents and retail visitors to the Project Site. The Project Site is surrounded by relatively big parks (over 50 acres) such as Elysian Park, Ascot Hills Park, Ernest E. Debs Regional Park, and Arroyo Seco Park. In addition, the Proposed Project would provide approximately 39,575 square feet of total common open space and amenities on-site available to Project residents and their guests. For the Project's residents and their guests, the Proposed Project may include a variety of on-site amenities including, but not limited to, common open space, community gardens, a roof deck, pool deck, barbecue pits, and a gymnasium. Additionally, pursuant to Ordinance No. 179,280, the Proposed Project would provide

64,744 square feet of publicly accessible public open space throughout the Proposed Project in the form of open space, paseos, and paths. The availability of these on-site recreation amenities and opportunities would serve to reduce the demand for off-site park services, and accordingly the Proposed Project would not substantially increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated. In addition, the Project Applicant would pay the City's mandatory park mitigation fees, which is collected prior to a certificate of occupancy for residential land uses, and comply with regulatory compliance measure relating to parks (discussed above). Accordingly, the Proposed Project's impact upon parks and recreational facilities would be less than significant.

b) Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?

Less Than Significant Impact. A significant impact may occur if a project includes or requires the construction or expansion of park facilities and such construction would have a significant adverse effect on the environment. As noted above, there are 23 existing, new, or recently improved parks within the Project Area totaling more than 1,210 acres that are available to serve the future residents and retail visitors to the Project Site. As required by [Q] Condition B.1(e) and B.6(a), the Proposed Project would also provide approximately 39,575 square feet of residential open space and recreational facilities and 64,744 square feet of publicly accessible open space on-site. As discussed in Section XIV (iv) above, Citywide park standards are Citywide goals and are not intended to be requirements for individual development projects. The Public Recreation Element of the City's General Plan also recognizes that the achievement of such goals is not the responsibility of individual development projects and that such goals will be met by "seek[ing] federal, state and private funds to implement acquisition and development of parks and recreational facilities." The Proposed Project itself does not include the expansion of park facilities and does not require the construction or expansion of recreational facilities that might have an adverse impact on the environment. Therefore, a less than significant impact would occur.

Cumulative Impacts

Less Than Significant Impact. Section 15355 of the State CEQA Guidelines defines cumulative impacts as "two or more individual effects which, when considered together, are considerable or which compound or increase other environmental impacts." As discussed above, the Proposed Project would have a less than significant impact on recreational resources. The Proposed Project in combination with the three related projects would be expected to increase the cumulative demand for parks and recreational facilities in the City of Los Angeles. A number of new parks and recently renovated park improvements have been made in the downtown area and along San Fernando Road to accommodate cumulative demands created by increased residential development. Similar to the Proposed Project's requirement to pay park mitigation fees to improve recreation and park facilities, the related projects that include residential units would be required to pay similar recreation taxes and/or applicable Quimby fees to mitigate impacts upon park and recreational facilities and to provide additional funds to meet Citywide park goals. Additionally, each related project would be subject to the provisions of the LAMC for providing on-site open space, which is proportionately based on the amount of new development. Because the Proposed Project would have a less than significant incremental contribution to the potential cumulative impact on recreational resources, the Proposed Project would have a less than significant

cumulative impact on such resources.

XVI. TRANSPORTATION AND TRAFFIC

The following section summarizes and incorporates by reference the information:

- Traffic Impact Report for Proposed Avenue 34 & Pasadena Mixed-Use Project, prepared by Crain & Associates, dated December 2015.
- City of Los Angeles Department of Transportation's approval letter, Traffic Impact Assessment for the Proposed Development Project at 167 West Avenue 34 / 3401-3437 North Pasadena Avenue, dated January 28, 2016.

The Traffic Study and related correspondence from the Los Angeles Department of Transportation (LADOT) are attached. The Traffic Study and the discussion below evaluate a larger project that includes 410 dwelling units, 30,000 square feet of creative office, and 10,000 square feet of retail. The Traffic Study was reviewed and approved by DOT in January 2016. The Proposed Project has since been revised to include 372 dwelling units, 30,000 square feet of creative office, and 10,000 square feet of retail. Because the Traffic Study evaluated a larger project than what is currently proposed, the Traffic Study and the analysis below present a conservative analysis of the Project's impacts.

a) Would the project conflict with an applicable plan, ordinance or policy establishing measures of effectiveness for the performance of the circulation system, taking into account all modes of transportation including mass transit and non-motorized travel and relevant components of the circulation system, including but not limited to intersections, streets, highways and freeways, pedestrian and bicycle paths, and mass transit?

Potentially Significant Unless Mitigation Incorporated. The Transportation Research Board Circular 212 Critical Movement Analysis (CMA) Planning Method was used to analyze traffic operating conditions at study intersections. CMA methodology compares the amount of traffic an intersection is able to process (capacity) to the level of traffic during peak hours (volume). The resulting volume-to-capacity ratio (v/c) is expressed in terms of level of service (LOS). LOS A represents free-flow activity and LOS F represents overcapacity operation. LOS is a qualitative assessment of the quantitative effects of such factors as traffic volume, roadway geometrics, speed, delay, and maneuverability on roadway and intersection operations.

The City of Los Angeles determines whether a transportation impact at a signalized intersection is significant according to a sliding scale. At an intersection with a final LOS C, a project impact would occur if the project contributes 0.040 or greater to the intersection v/c. At an intersection with a final LOS D, a project impact would occur if the project contributes 0.020 or greater to the intersection v/c. At an intersection with a final LOS E or F, a project impact would occur if the project contributes 0.010 or greater to the intersection v/c. Refer to Table III-25, Definition of Significant Impact at Intersection, below.

Table III-25
Definition of Significant Impact at Intersection

Level of Service	Volume-to-Capacity (V/C)	Project-related Increase in Volume-to-Capacity (V/C) Ratio
C	0.701–0.800	Equal to or greater than 0.04
D	0.801–0.900	Equal to or greater than 0.02
E, F	> 0.900	Equal to or greater than 0.01

Study Intersections

A total of ten intersections were identified, in conjunction with LADOT staff, for inclusion in the traffic analysis. The analyzed locations are shown in Figure 1 of the Traffic Study. None of these intersections are Los Angeles County Congestion Management Plan (CMP) monitoring locations. In addition, a CMP analysis is not required because the Proposed Project would not add 50 or more peak-hour trips to any CMP arterial monitoring intersections, including freeway on- and off-ramps as discussed below. Furthermore, the Project would not add 150 or more peak-hour trips to freeway mainline monitoring locations. The following intersections were determined in consultation with LADOT:

1. Figueroa Street and Pasadena Avenue/ Marmion Way
2. Figueroa Street and Avenue 26
3. Figueroa Street and SR-110 Freeway Northbound On/Off Ramps
4. I-5 Freeway Northbound Off-Ramp /Lacy Street and Avenue 26
5. Pasadena Avenue and Avenue 35
6. Pasadena Avenue and Avenue 33
7. Pasadena Avenue and Avenue 28
8. Pasadena Avenue/Avenue 26 and Daly Street
9. Pasadena Avenue and I-5 Freeway Northbound On/Off Ramps
10. Pasadena Avenue and I-5 Freeway Southbound On/Off Ramps

Existing Transit Options

The Los Angeles County Metropolitan Transportation Authority (MTA) provides an extensive system of bus lines in the Northeast Los Angeles Community Plan area. Metro Gold Line Rail Station and a number of MTA bus routes are within reasonable walking distance from the Project Site (less than approximately one-quarter mile), providing access for residents, employees and patrons of the Project. The public transit routes serving the Project are described in detail below, and transit routes within the walking distance are shown in Figure 4 of the Traffic Study.

Metro Gold Line is a light rail line running from Azusa to East Los Angeles via Downtown Los Angeles serving several attractions, including Little Tokyo, Union Station, the Southwest Museum, Chinatown, and the shops of Old Town Pasadena. The Metro Gold line is one of six in the Metro Rail system, serving 21 stations (including two subway stations). At Union Station, riders can connect with the Metro Red and Metro Purple Lines, the Metro Silver Line bus rapid transit line as well as the Metrolink regional system. Extension of the Gold Line further eastward extension to Montclair is also planned. The Heritage

Square/Arroyo Station of the Metro Gold Line is within one-quarter mile walking distance from the Project Site. Currently, Metro Gold Line trains run between approximately 4:30 a.m. and 12:45 a.m. daily. Service on Friday and Saturday nights continues until approximately 2:00 a.m. Trains on the Gold Line operate every six minutes during peak hours Monday through Friday. Middays consist of 12-minute headways, while weekends all day have a frequency of seven to eight minutes. Nighttime service operates every 15 minutes, with 20-minute headways during late night weekend service.

Line 83 is a north-south oriented route which operates between the Downtown Los Angeles and Eagle Rock area. Route 83 travels through the communities of Eagle Rock, Highland Park, Cypress and Downtown Los Angeles. Near the Project Site, Line 83 runs north-south along Pasadena Avenue. Line 83 provides stops in the Project vicinity on Pasadena Avenue at Avenue 31, Avenue 33 and Avenue 35. Line 83 operates daily with headways of approximately 20 to 40 minutes during the weekday AM and PM peak hours. Saturday, Sunday and holiday service is provided with longer headways.

Lines 251/252 are north-south oriented routes which operate between the Montecito Heights and Lynwood area. Route 251/252 travel through the communities of Montecito Heights, Cypress Park, Lincoln Heights, Boyle Heights, Vernon, Huntington Park, South Gate and Lynwood. Near the Project Site, only Line 252 runs north-south along Griffin Avenue. Line 252 provides stops in the Project vicinity on Griffin Avenue at Avenue 31, Avenue 33 and Avenue 35. Line 252 operates daily with headways of approximately 20 to 30 minutes during the weekday AM and PM peak hours. Saturday, Sunday and holiday service is provided with longer headways.

As discussed in Question III(a), the Proposed Project is within a High-Quality Transit Areas (HQTA). An HQTA is defined as a generally walkable transit village or corridor within one half-mile of a well-serviced transit stop or a transit corridor with 15-minute or less service frequency during peak commute hours. The Proposed Project would concentrate new development and jobs within a half of a mile (walking distance) from the Heritage Square Gold Line Station and is served by several Metro bus lines. Thus, the Project Site's location provides opportunities for employees, guests, visitors, and residents to use public transit to reduce vehicle trips. The Project Site is also located in a Transit Priority Area as defined by CEQA Sections 21099 and 21064.3. The Proposed Project's mixed-use nature and close proximity to neighborhood-serving commercial/retail land uses and regional transit would result in fewer trips and a reduction to the Proposed Project's vehicle miles traveled (VMTs) as compared to the base trip rates for similar stand-alone land uses that are not located in close proximity to transit. Thus, it is expected that some of the person trips generated by the Proposed Project would utilize public transportation as their primary travel mode instead of private vehicles.

Existing (2015) Traffic Volumes

Traffic volumes for existing conditions at the study intersections were obtained from manual traffic counts conducted in May 2015. In accordance with LADOT Traffic Study Policies and Procedures, the traffic counts conducted for the Traffic Study cover the weekday morning and afternoon peak commute periods.

An analysis of existing weekday AM and PM peak-hour traffic conditions was performed at the 10 study intersections listed above. These intersections were determined in consultation with LADOT. As shown in Table III-27 and Table III-28, below, all ten intersections operate at acceptable levels of service (LOS A through D).

Project Impact

Project Parking and Vehicular Access

Parking for the Proposed Project's uses would be provided underneath the Project buildings, with loading docks and short-term retail parking provided on the surface level. The proposed parking supply is expected to meet the requirements of the City of Los Angeles Municipal Code and site-specific requirements as identified in [Q] Conditions A.2 (Parking) and B.2 (Pedestrian Access). In addition, the Proposed Project would comply with the LAMC bicycle parking requirement by providing enough long-term and short-term bicycle stalls. Vehicular access for the Project parking would be provided via two driveways along Avenue 34 – a residential driveway on the southwest corner of the Project Site opposite Artesian Street and a mixed commercial and residential driveway at the dividing line between the commercial and residential portions of the Project Site. Additionally, a driveway serving the commercial loading dock and short-term retail parking would be located along Pasadena Avenue.

Estimated Trip Generation

The Proposed Project analyzed in the Traffic Study includes the development of up to 410 apartment units, 30,000 square feet of office space, and 10,000 square feet of retail use. The daily and peak-hour trips for the Project were generated using trip rates from the Institute of Transportation Engineers (ITE) *Trip Generation* Manual (9th Edition, 2012). In accordance with the LADOT, vehicle trip generation is reduced by 15 percent for the transit credit, 10 percent for internal trips, and 50 percent for commercial pass-by trips. Project trip generation is presented in Table III-26. As shown in Table III-26, the analysis estimates that the Proposed Project would generate a total of 2,128 daily vehicle trips, 161 AM peak hour vehicle trips and 199 PM peak hour vehicle trips.

Table III-26
Project Trip Generation Estimates

Land Use (Land Use Code)	Size	Unit	ADT [a]	AM Peak			PM Peak		
				In	Out	Total	In	Out	Total
Proposed Project [b]									
Apartments (250)	410	du	2,608	41	164	205	158	85	243
Internal Trip Credit [c]			-76	-1	-5	-6	-6	-3	-9
Transit/Walk-In (15%)			-380	-6	-24	-30	-23	-12	-35
Subtotal Residential Trips:			***2,152***	***34***	***135***	***169***	***129***	***70***	***199***
Shopping Center (820)	10,000	sf	427	6	4	10	18	19	37
Internal Trip Credit (10%)			-43	-1	0	-1	-2	-2	-4
Transit/Walk-In (15%)			-58	-1	-1	-2	-2	-3	-5
Pass-by Trips (50%)			-163	-2	-2	-4	-7	-7	-14
Subtotal Commercial Trips:			***163***	***2***	***1***	***3***	***7***	***7***	***14***
General Office (710)	30,000	sf	331	41	6	47	8	37	45
Internal Trip Credit (10%)			-33	-4	-1	-5	-1	-4	-5
Transit/Walk-In (15%)			-45	-6	-1	-7	-1	-5	-6
Subtotal Office Trips:			***253***	***31***	***4***	***35***	***6***	***28***	***34***
Total Proposed Project Trips:			**2,568**	**67**	**140**	**207**	**142**	**105**	**247**
Existing Development									
Warehousing (150)	90,233	sf	321	21	6	27	7	22	29
Light Industrial (110)	28,051	sf	196	23	3	26	3	24	27
Warehousing Transit/Walk-In (15%)			-48	-3	-1	-4	-1	-3	-4
Other Credit (15%)			-29	-3	0	-3	0	-4	-4
Subtotal Existing Trips:			***440***	***38***	***8***	***46***	***9***	***39***	***48***
Net Trip Generation:			**2,128**	**29**	**132**	**161**	**133**	**66**	**199**

ADT = average daily traffic; du =dwelling units; sf = square feet

[a] *Trip rates based on the Institute of Transportation Engineers (ITE) Trip Generation Manual, 9th Edition (2012).*

[b] *As discussed above, the Project metrics analyzed in the Traffic Study and in this table are higher than the actual Proposed Project, and thus, the trip generation amounts are conservative.*

[c] *Internal, transit credit and pass-by trips based on City of Los Angeles Department of Transportation (LADOT) Traffic Study Policies and Procedures (2014).*

Source: Crain & Associates, Traffic Impact Report for Proposed Avenue 34 & Pasadena Mixed-Use Project, dated December 2015.

Existing (2015) With Project Conditions

Table III-27, below, summarizes the results of the Existing (2015) and Existing with Project (2015) AM peak-hour LOS analysis for the ten study area intersections. Figure III-2 and Figure III-3 illustrate the existing traffic volumes of the ten study intersections for the AM and PM peak hours, respectively. Figure III-4 and Figure III-5 illustrate the traffic volumes at the studied intersections with the addition of the Proposed Project during the AM and PM peak hours, respectively. As discussed above, the LOS were determined using the LADOT spreadsheet for calculating CMA methodology. As shown in Table III-27, nine of the ten intersections would continue to operate at acceptable levels of service (LOS A through D) during the AM peak hour. A significant impact would occur at one intersection (Pasadena Avenue/ Avenue 26 and Daly Street) during the AM peak hour with the addition of Project traffic.

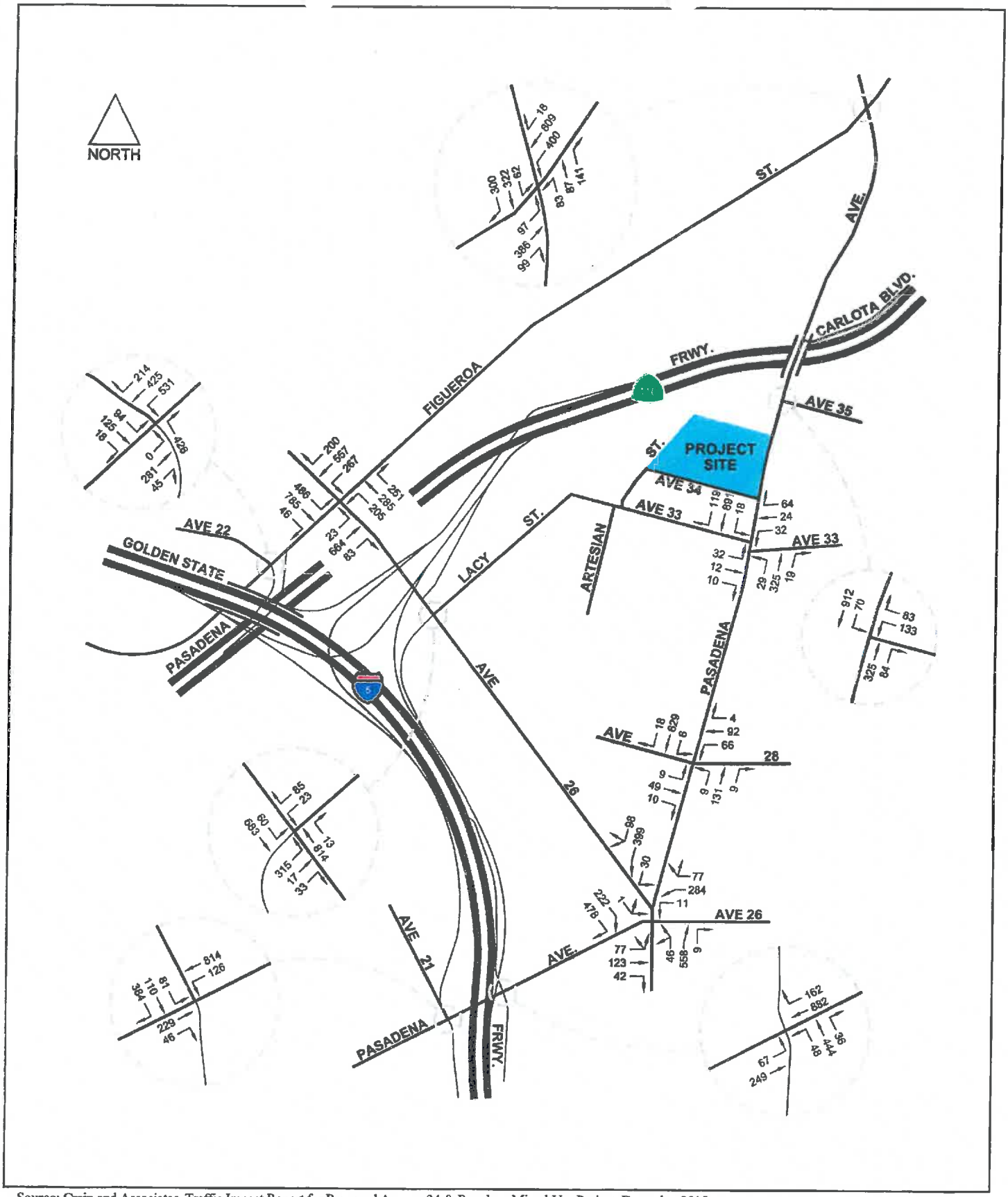
Table III-28, below, summarizes the results of the Existing (2015) and Existing with Project (2015) PM peak-hour LOS analysis for the ten study area intersections. All study intersections are not anticipated to have any significant impacts with the addition of Project traffic during the PM peak hour.

As approved by LADOT, the Proposed Project would comply with the Transportation Demand Management (TDM) Ordinance (No. 167,700) by implementing a TDM Plan and Trip Monitoring Program to offset the increased traffic from the Proposed Project (Mitigation Measures MM-T-1 through MM-T-3). Table III-29 shows that there would be a decrease in v/c ratio from incorporating a TDM Plan. Refer to Figure III-6 and Figure III-7 for the Existing (2015) traffic volumes with the implementation of the TDM Plan. Therefore, with implementation of mitigation measures below, the significant impact identified at the Pasadena Avenue/ Avenue 26 and Daly Street intersection during the AM peak hour would be reduced to a less than significant level.

Table III-27
Existing (2015) and Existing with Project Condition
Level of Service Summary for AM Peak Hour

Intersection	AM Peak Hour				Project Impact
	Existing		Existing with Project		
	V/C	LOS	V/C	LOS	
1. Figueroa St. & Pasadena Avenue	0.635	B	0.638	B	0.003
2. Figueroa St. & Avenue 26	0.884	D	0.889	D	0.005
3. Figueroa St. SR-110 Fwy. NB Off-Ramp/SB On-Ramp	0.515	A	0.521	A	0.006
4. I-5 Fwy. NB Off-Ramp/ Lacy St. & Avenue 26	0.598	A	0.644	B	0.046
5. Pasadena Ave. & Avenue 35	0.652	B	0.656	B	0.004
6. Pasadena Ave. & Avenue 33	0.721	C	0.749	C	0.028
7. Pasadena Ave. & Avenue 28	0.451	A	0.479	A	0.028
8. Pasadena Ave./ Avenue 26 & Daly St.	0.803	D	0.823	D	0.020 *
9. Pasadena Ave. & I-5 Fwy. NB On/Off-Ramp	0.469	A	0.478	A	0.009
10. Pasadena Ave. & I-5 Fwy. SB On/Off-Ramp	0.312	A	0.316	A	0.004

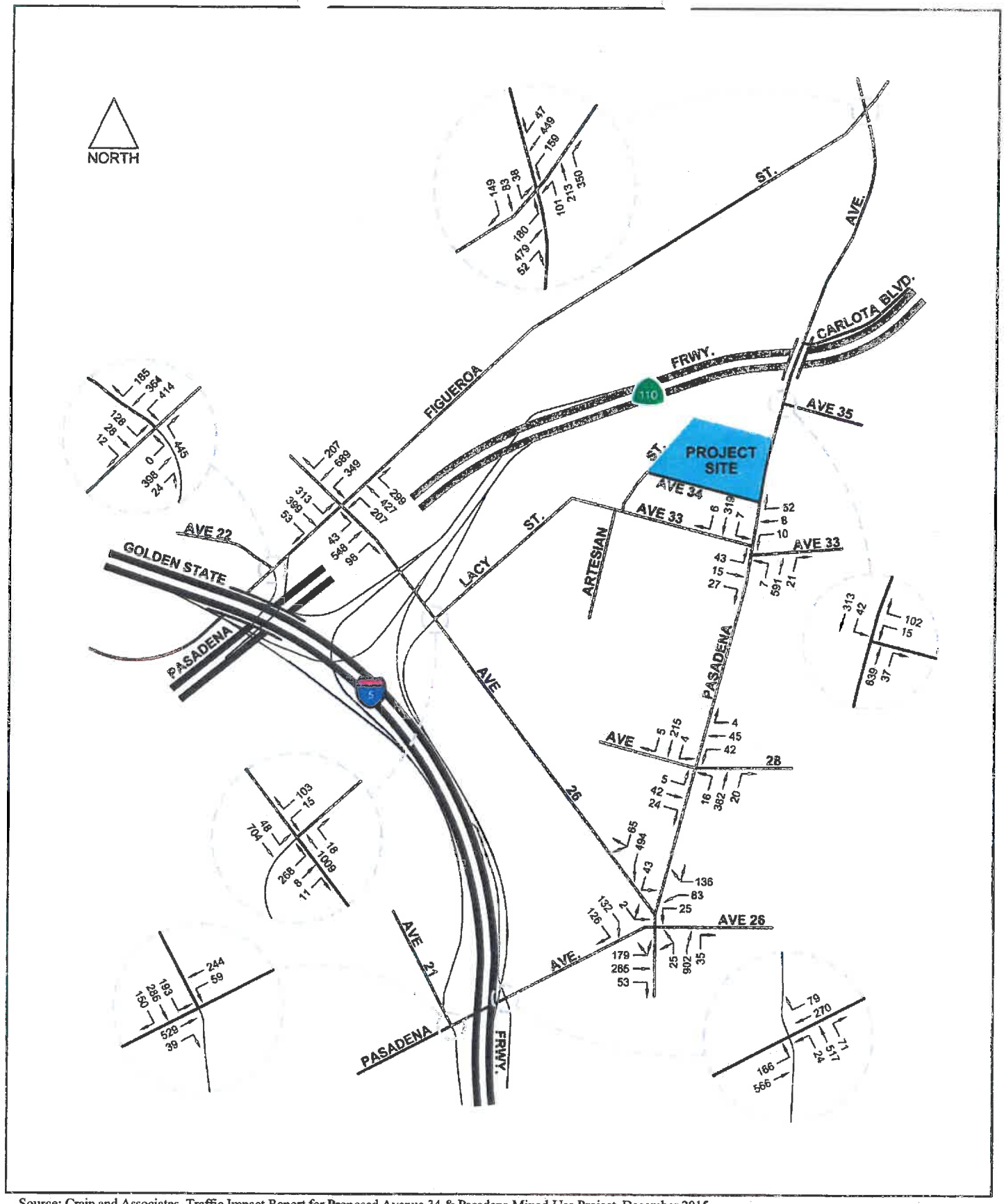
LOS = level of service; v/c = volume-to-capacity ratio
** Indicates a significant impact using the LADOT criteria.*
Source: Crain & Associates, Traffic Impact Report for Proposed Avenue 34 & Pasadena Mixed-Use Project, dated December 2015.



Source: Crain and Associates, Traffic Impact Report for Proposed Avenue 34 & Pasadena Mixed-Use Project, December 2015.

PARKER ENVIRONMENTAL CONSULTANTS

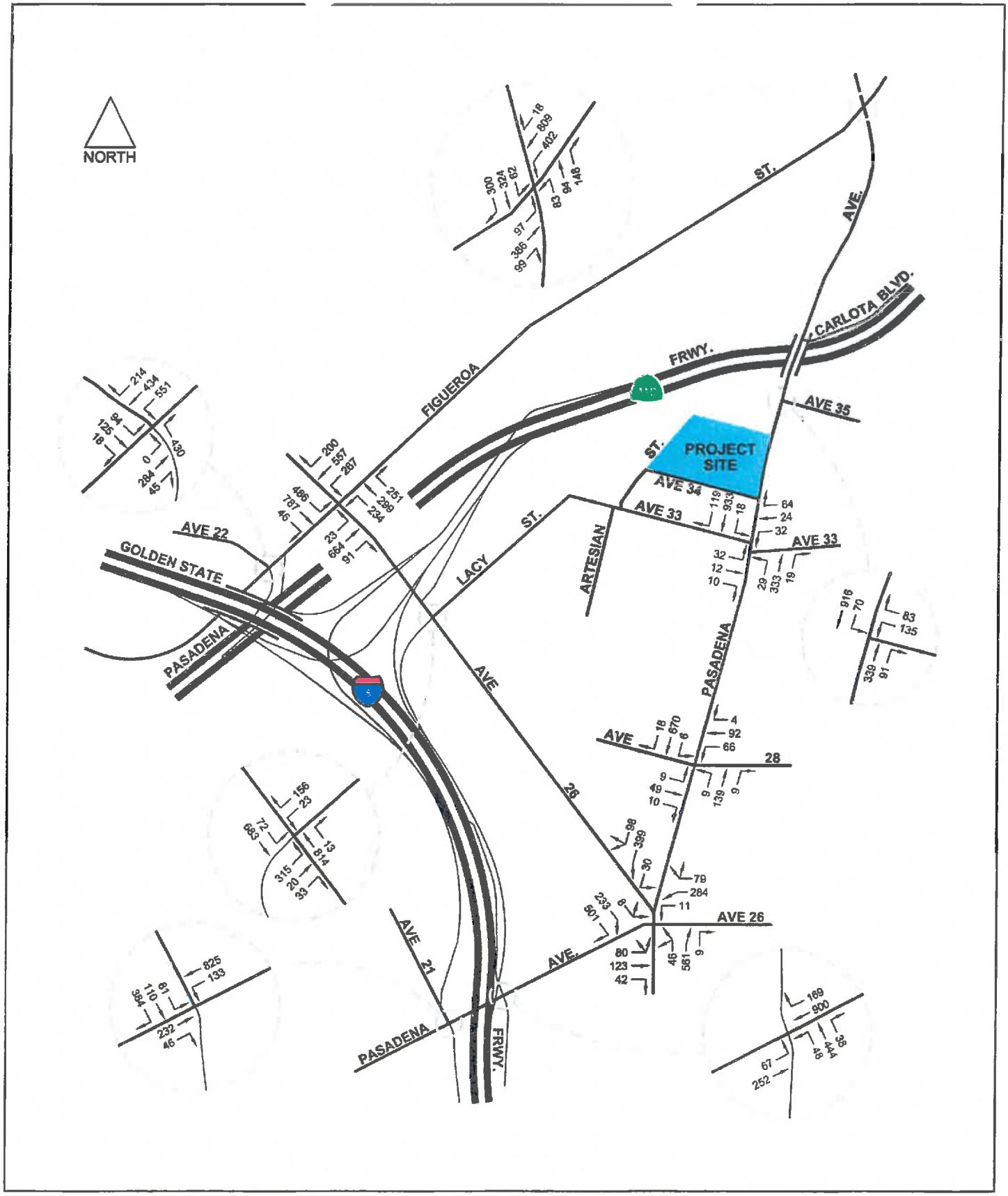
Figure III- 2
Existing (2015) Traffic Volumes - AM Peak Hour



Source: Crain and Associates, Traffic Impact Report for Proposed Avenue 34 & Pasadena Mixed-Use Project, December 2015.

PARKER ENVIRONMENTAL CONSULTANTS

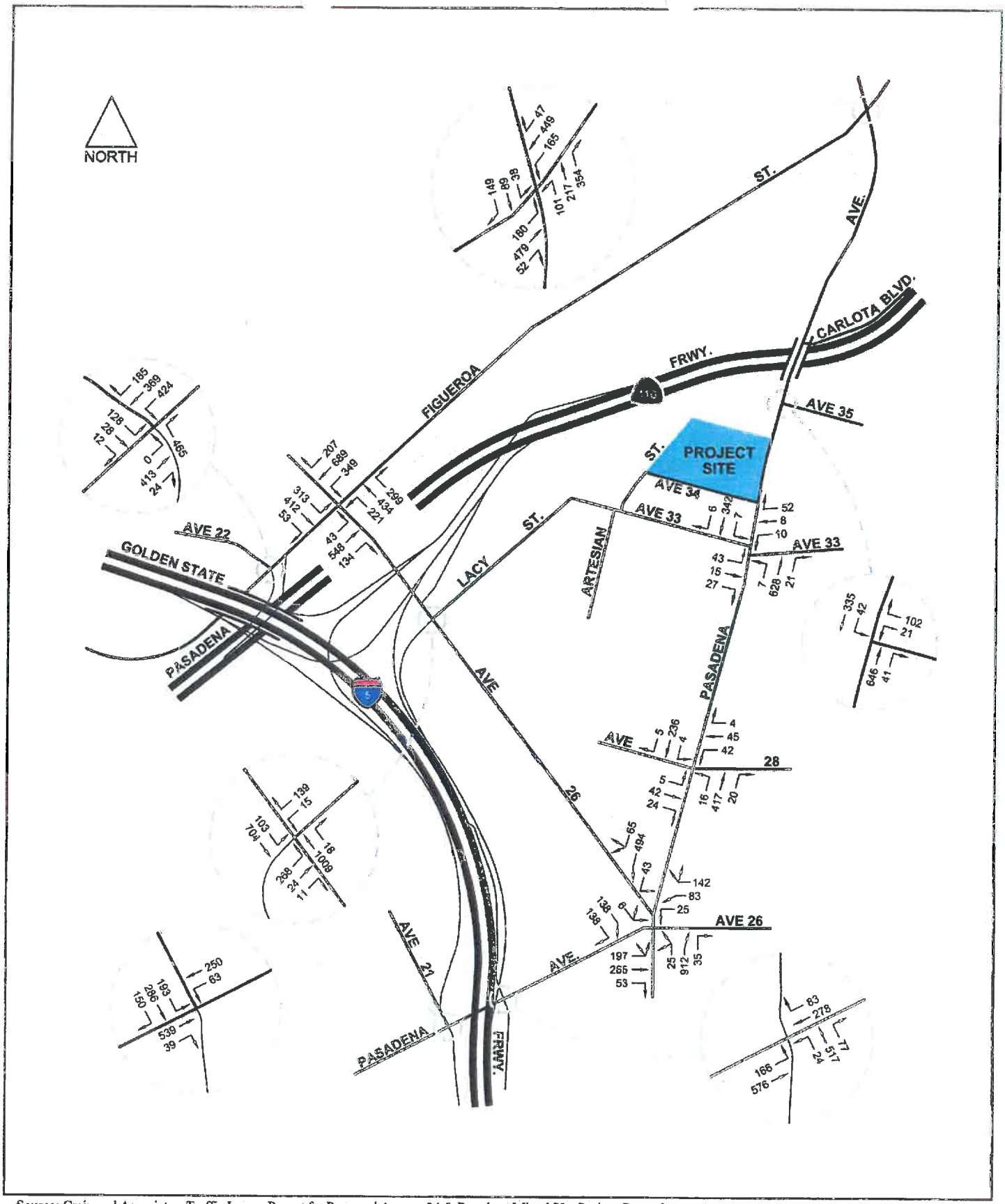
Figure III-3
Existing (2015) Traffic Volumes - PM Peak Hour



Source: Crain and Associates, Traffic Impact Report for Proposed Avenue 34 & Pasadena Mixed-Use Project, December 2015.

PARKER ENVIRONMENTAL CONSULTANTS

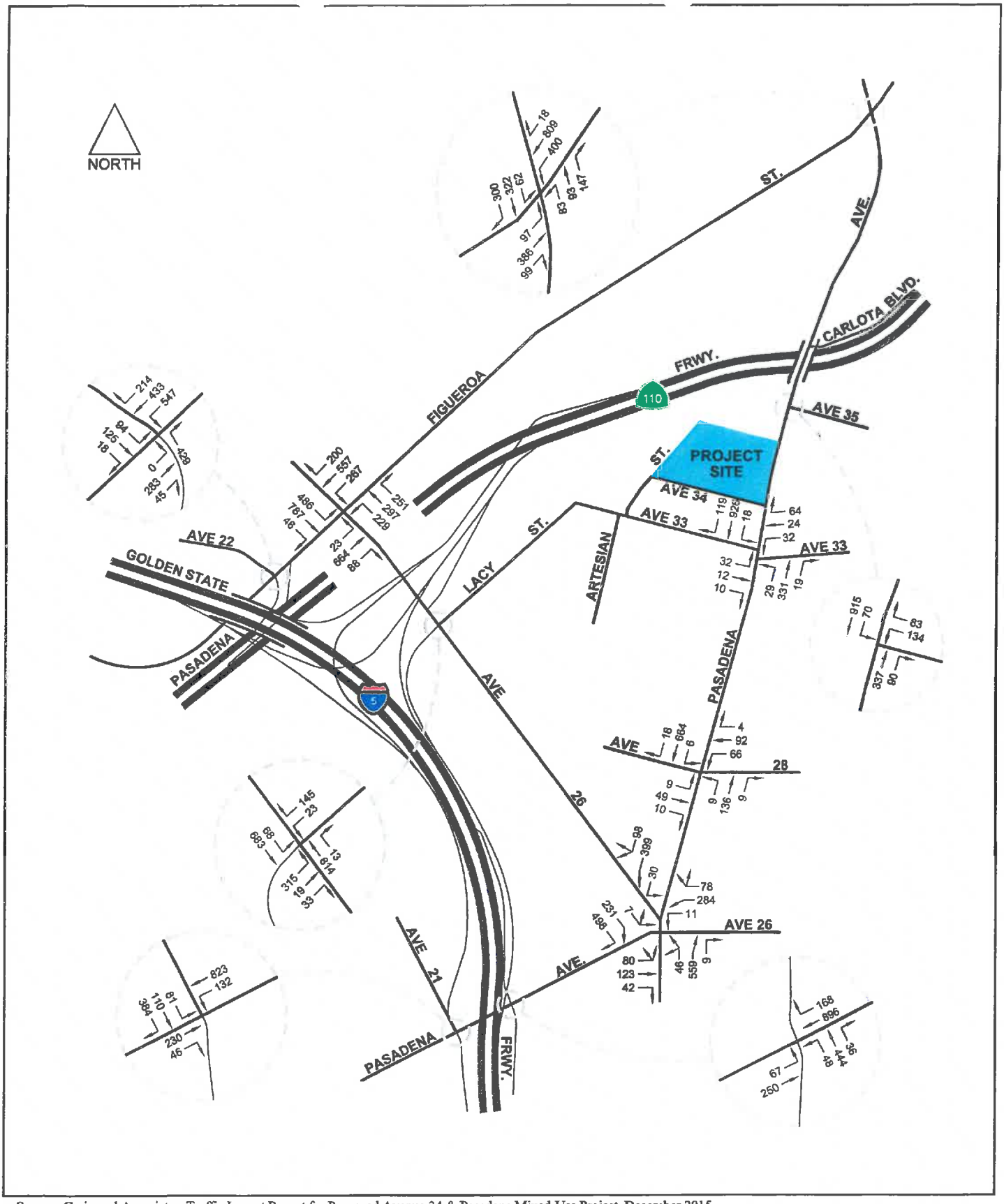
Figure III-4
Existing (2015) Traffic Volumes with Project - AM Peak Hour



Source: Crain and Associates, Traffic Impact Report for Proposed Avenue 34 & Pasadena Mixed-Use Project, December 2015.

PARKER ENVIRONMENTAL CONSULTANTS

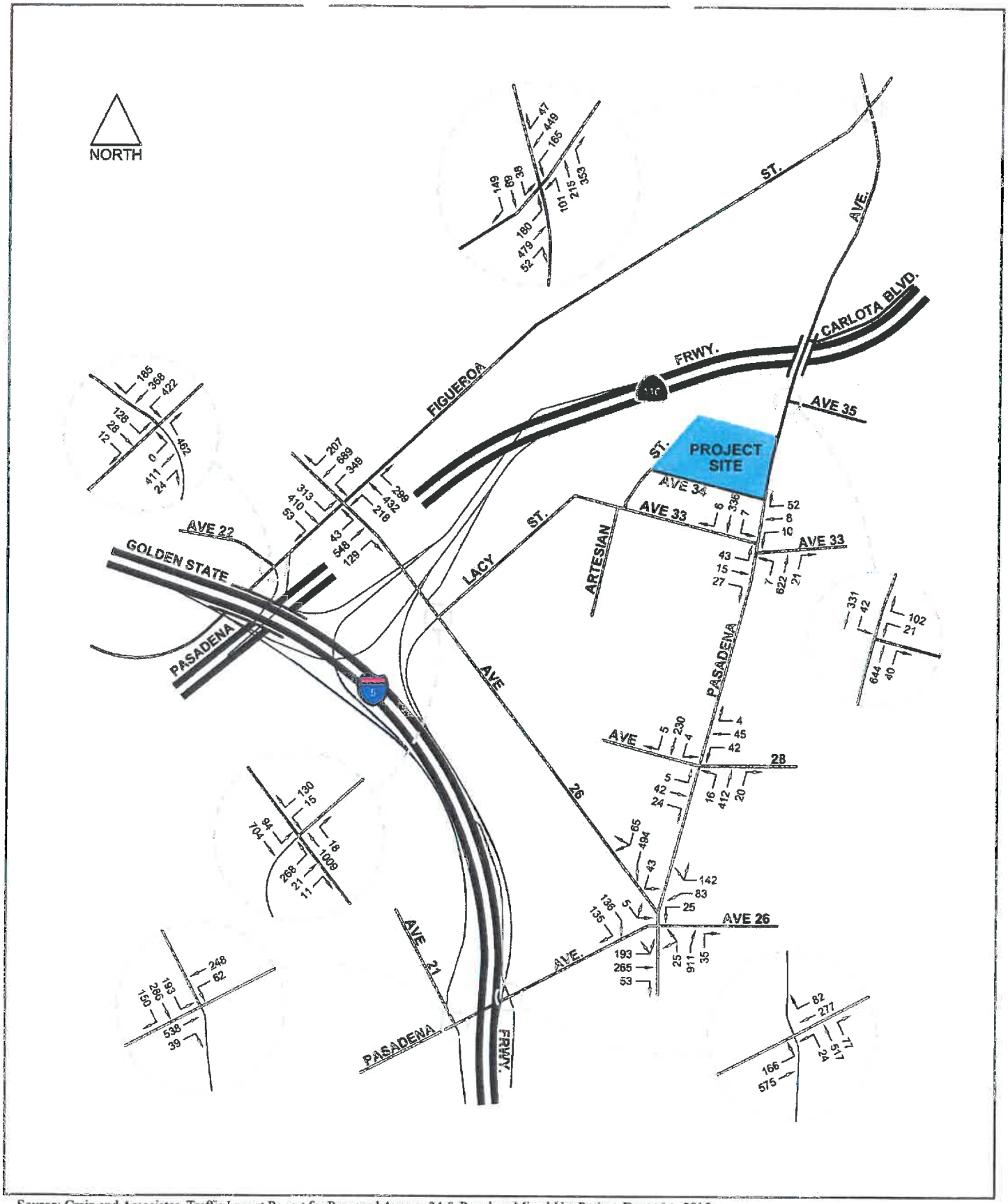
Figure III-5
Existing (2015) Traffic Volumes with Project - PM Peak Hour



Source: Crain and Associates, Traffic Impact Report for Proposed Avenue 34 & Pasadena Mixed-Use Project, December 2015.

PARKER ENVIRONMENTAL CONSULTANTS

Figure III-6
Existing (2015) Traffic Volumes with Project with TDM - AM Peak Hour



Source: Crain and Associates, Traffic Impact Report for Proposed Avenue 34 & Pasadena Mixed-Use Project, December 2015.

PARKER ENVIRONMENTAL CONSULTANTS

Figure III-7
Existing (2015) Traffic Volumes with Project with TDM - PM Peak Hour

Table III-28
Existing (2015) and Existing with Project Condition
Level of Service Summary for PM Peak Hour

Intersection	PM Peak Hour				Project Impact
	Existing		Existing with Project		
	V/C	LOS	V/C	LOS	
1. Figueroa St. & Pasadena Avenue	0.376	A	0.381	A	0.005
2. Figueroa St. & Avenue 26	0.845	D	0.848	D	0.003
3. Figueroa St. SR-110 Fwy. NB Off-Ramp/SB On-Ramp	0.457	A	0.471	A	0.014
4. I-5 Fwy. NB Off-Ramp/ Lacy St. & Avenue 26	0.664	B	0.676	B	0.012
5. Pasadena Ave. & Avenue 35	0.457	A	0.468	A	0.011
6. Pasadena Ave. & Avenue 33	0.416	A	0.441	A	0.025
7. Pasadena Ave. & Avenue 28	0.246	A	0.269	A	0.023
8. Pasadena Ave./ Avenue 26 & Daly St.	0.657	B	0.686	B	0.029
9. Pasadena Ave. & I-5 Fwy. NB On/Off-Ramp	0.331	A	0.337	A	0.006
10. Pasadena Ave. & I-5 Fwy. SB On/Off-Ramp	0.289	A	0.295	A	0.006

LOS = level of service; v/c = volume-to-capacity ratio
Source: Crain & Associates, Traffic Impact Report for Proposed Avenue 34 & Pasadena Mixed-Use Project, dated December 2015.

Table III-29
Existing (2015) and Existing with Project
Level of Service Summary with Mitigation Traffic Conditions

Intersection	Peak Hour	Existing		Existing with Project		Project Impact	Existing with Project with TDM		Project Impact with TDM
		V/C	LOS	V/C	LOS		V/C	LOS	
8. Pasadena Ave./ Avenue 26 & Daly St.	AM	0.803	D	0.823	D	0.020 *	0.820	D	0.017
	PM	0.657	B	0.686	B	0.029	0.679	B	0.022

LOS = level of service; v/c = volume-to-capacity ratio
** Indicates a significant impact using the LADOT criteria.*
Source: Crain & Associates, Traffic Impact Report for Proposed Avenue 34 & Pasadena Mixed-Use Project, dated December 2015.

Mitigation Measures:

MM-T-1 Transportation and Traffic

In addition to the TDM measures, implementing measure(s) detailed in DOT's communication to the Planning Department (DOT Case No. CEN 15-43306 dated January 28, 2016, attached) shall be complied with.

MM-T-2 Transportation Demand Management (TDM) Program

- The purpose of a TDM plan is to reduce the use of single occupant vehicles (SOV) by increasing the number of trips by walking, bicycle, carpool, vanpool and transit. A TDM plan should include design features, transportation services, education, and incentives intended to reduce the amount of SOV during commute hours. Through strategic building design and orientation, this project can facilitate access to transit, can provide a pedestrian-

friendly environment, can promote non-automobile travel and can support the goals of a trip-reduction program.

- A preliminary TDM program shall be prepared and provided for DOT review prior to the issuance of the first building permit for this project and a final TDM program approved by DOT is required prior to the issuance of the first certificate of occupancy for the project. The TDM program should include, but not be limited to, the following strategies:
    - Provide an internal Transportation Management Coordination Program with an on-site transportation coordinator;
    - Design the project to ensure a bicycle, transit, and pedestrian friendly environment;
    - Provide unbundled parking that separates the cost of obtaining assigned parking spaces from the cost of purchasing or renting residential units;
    - Accommodate flexible/alternative work schedules and telecommuting programs;
    - A provision requiring compliance with the State Parking Cash-out Law in all leases;
    - Coordinate with DOT to determine if the project location is eligible for future Integrated Mobility Hub (which can include space for a bike share kiosk, and/or parking spaces on-site for car-share vehicles;
    - Provide on-site transit routing and schedule information;
    - Provide a program to discount transit passes for residents/employees possibly through negotiated bulk purchasing passes with transit providers;
    - Provide rideshare matching services;
    - Preferential rideshare loading/unloading or parking location;
    - Contribute to a one-time fixed fee contribution of $75,000 to be deposited into the City's Bicycle Plan Trust Fund to implement bicycle improvements in the vicinity of the project.

  In addition to these TDM measures, DOT also recommends that the Applicant explore the implementation of an on-demand van, shuttle or tram service that connects the project employees to off-site transit stops based on the transportation needs of the project employees. Such a service can be included as an additional measure in the TDM program if it is deemed feasible and effective by the applicant.
- The Applicant shall implement a TDM/TMP to reduce the project trip generation by 15 percent. Specifically, the project shall not exceed a driveway trip volume count of 179 trips during the a.m. peak hour and 222 trips during the pm peak hour, at full occupancy. To achieve this peak hour driveway trip volume requirement through implementation of an on-site Transportation Demand Management (TDM) Plan the project shall implement a Trip Monitoring Program (TMP).
- The Applicant shall record a covenant and agreement to annually monitor and submit reports on the progress of the driveway trip reduction plan to DOT. Annual reports shall include a report on the observed trip generation and on the project's mode share. The detailed goals, objectives, terms and strategies of the TDM plan and reporting requirements shall be determined during the preparation of the final. The TDM plan is due prior to the issuance of any temporary or final certificate of occupancy permit for the project. The plan should also identify any appropriate penalties, should the project not achieve compliance with the targeted number of driveway trips within a year of exceeding the limits. The TMP shall continue until such time that the project has

shown, for five (5) consecutive years, at a minimum of 85% occupancy, accomplishment of the peak hour driveway trip volume requirement as listed.

MM-T-3 Transportation Systems Management (TSM) Improvements

- The Applicant shall implement the upgrades, detailed below by LADOT's ATSAC Section, through the B-Permit process. LADOT's ATSAC Section has identified the need to update the existing traffic signal system. Specifically, install one CCTV camera, a new type 2070 controller, and the necessary infrastructure (including, but not limited to, fiber optic and interconnect) to activate the new installation, at the Pasadena Avenue / Avenue 26 and Daly Street intersection. The video fiber / fiber optic improvements must be guaranteed prior to the issuance of any building permit and complete prior to the issuance of any certificate of occupancy. Temporary certificates of occupancy may be granted in the events of any delay through no fault of the applicant, provided that, in each case, the applicant has demonstrated reasonable efforts and due diligence to the satisfaction of DOT.

Future (2020) Without and With Project Conditions

Future (2020) baseline traffic volumes for the "Without Project" condition were determined by combining area ambient traffic growth with the total related projects traffic volumes. Net Project volumes were then combined with the Future (2020) Without Project traffic volumes to develop the Future (2020) with Project volumes, which were used to determine traffic impacts directly attributable to the Proposed Project. Figure III-8 and Figure III-9 illustrate the Future (2020) traffic volumes at the ten intersections without the Proposed Project during the AM and PM peak hours, respectively. Figure III-10 and Figure III-11 illustrate the traffic volumes for the studied intersections with the addition of the Proposed Project for the AM and PM peak hours, respectively. Tables III-30 and III-31 summarize the level of service for the Future (2020) with Project conditions at the analyzed intersections for the AM and PM peak hours, respectively.

Table III-30 and Table III-31 below show future traffic conditions with and without Project conditions during the AM and PM peak hours, respectively. For the Future (2020) With Project condition, it is estimated that 8 of the study intersections would continue to have acceptable levels of service (LOS A through LOS D) during both peak hours. The remaining two study intersections (Figueroa Street & Avenue 26 and Pasadena Avenue/Avenue 26 & Daly Street) are expected to operate at LOS E during the AM peak hours without the addition of Project traffic. The addition of Project traffic would create a significant impact at Figueroa Street & Avenue 26 intersection and Pasadena Avenue/Avenue 26 & Daly Street intersection during the AM peak hour.

As mentioned above, the Proposed Project would implement a Transportation Demand Management Plan to promote other modes of travel and reduce single occupant vehicles. Table III-32 shows the decrease in the v/c values for the intersections that would be significantly impacted from the Proposed Project. Figure III-12 and Figure III-13 illustrate the traffic volumes at the ten intersections with the TDM Plan. As shown in Table III-32, the impacts would be reduced to less than significant level with implementation of a TDM Plan and Transportation Monitoring Program.

Table III-30
Future (2020) Condition Level of Service Summary for AM Peak Hour

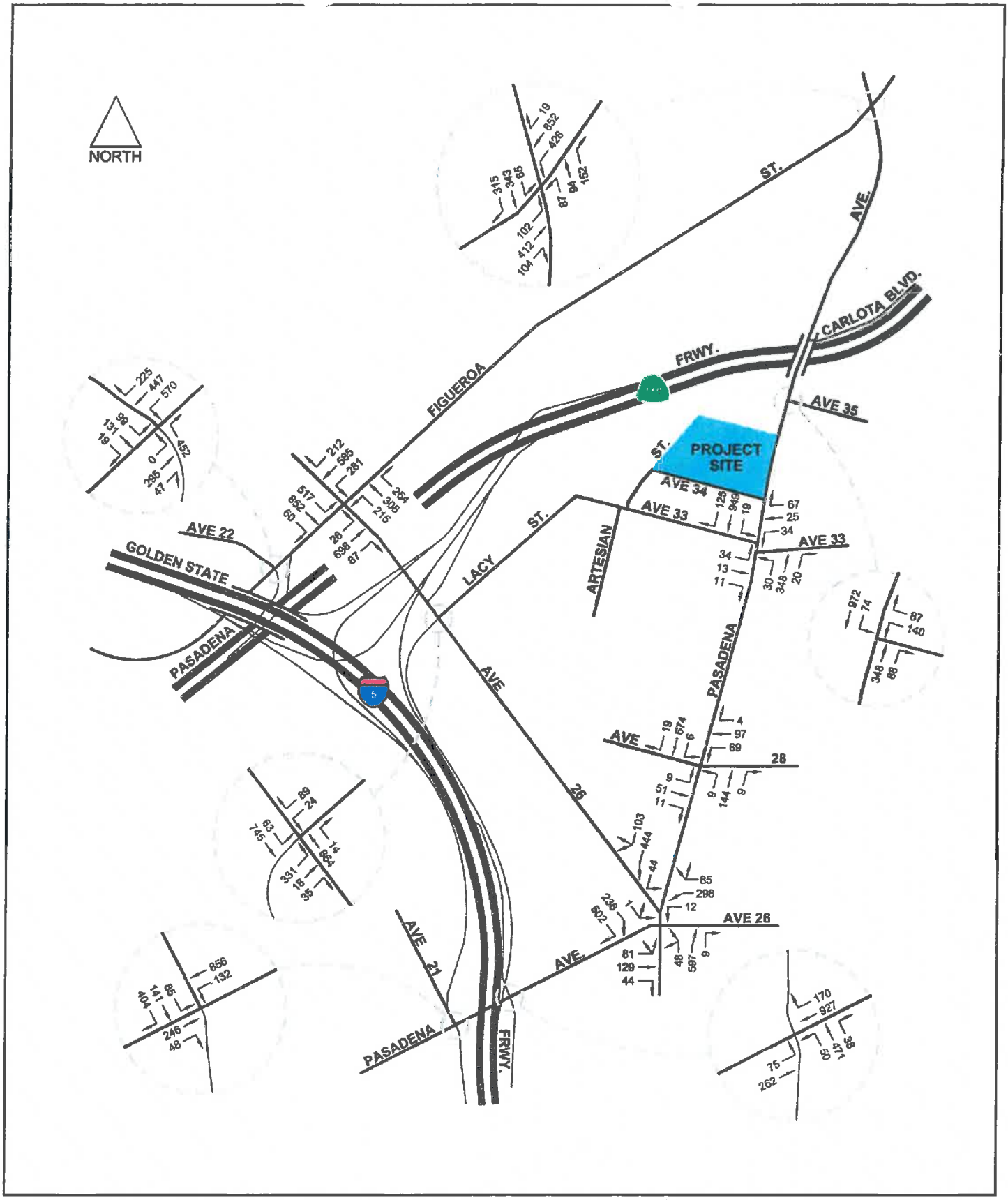
Intersection	AM Peak Hour				Project Impact
	Future Without Project		Future with Project		
	V/C	LOS	V/C	LOS	
1. Figueroa St. & Pasadena Avenue	0.683	B	0.686	B	0.003
2. Figueroa St. & Avenue 26	0.958	E	0.968	E	0.010 *
3. Figueroa St. SR-110 Fwy. NB Off-Ramp/SB On-Ramp	0.546	A	0.553	A	0.007
4. I-5 Fwy. NB Off-Ramp/ Lacy St. & Avenue 26	0.645	B	0.692	B	0.047
5. Pasadena Ave. & Avenue 35	0.699	B	0.703	C	0.004
6. Pasadena Ave. & Avenue 33	0.771	C	0.799	C	0.028
7. Pasadena Ave. & Avenue 28	0.487	A	0.515	A	0.028
8. Pasadena Ave./ Avenue 26 & Daly St.	0.901	E	0.921	E	0.020 *
9. Pasadena Ave. & I-5 Fwy. NB On/Off-Ramp	0.503	A	0.511	A	0.008
10. Pasadena Ave. & I-5 Fwy. SB On/Off-Ramp	0.325	A	0.329	A	0.004

LOS = level of service; v/c = volume-to-capacity ratio
** Indicates a significant impact using the LADOT criteria.*
Source: Crain & Associates, Traffic Impact Report for Proposed Avenue 34 & Pasadena Mixed-Use Project, dated December 2015.

Table III-31
Future (2020) Condition Level of Service Summary for PM Peak Hour

Intersection	PM Peak Hour				Project Impact
	Future Without Project		Future with Project		
	V/C	LOS	V/C	LOS	
1. Figueroa St. & Pasadena Avenue	0.404	A	0.409	A	0.005
2. Figueroa St. & Avenue 26	0.968	E	0.973	E	0.005
3. Figueroa St. SR-110 Fwy. NB Off-Ramp/SB On-Ramp	0.489	A	0.503	A	0.014
4. I-5 Fwy. NB Off-Ramp/ Lacy St. & Avenue 26	0.720	C	0.732	C	0.012
5. Pasadena Ave. & Avenue 35	0.489	A	0.501	A	0.012
6. Pasadena Ave. & Avenue 33	0.446	A	0.471	A	0.025
7. Pasadena Ave. & Avenue 28	0.267	A	0.290	A	0.023
8. Pasadena Ave./ Avenue 26 & Daly St.	0.715	C	0.744	C	0.009
9. Pasadena Ave. & I-5 Fwy. NB On/Off-Ramp	0.361	A	0.367	A	0.006
10. Pasadena Ave. & I-5 Fwy. SB On/Off-Ramp	0.313	A	0.319	A	0.006

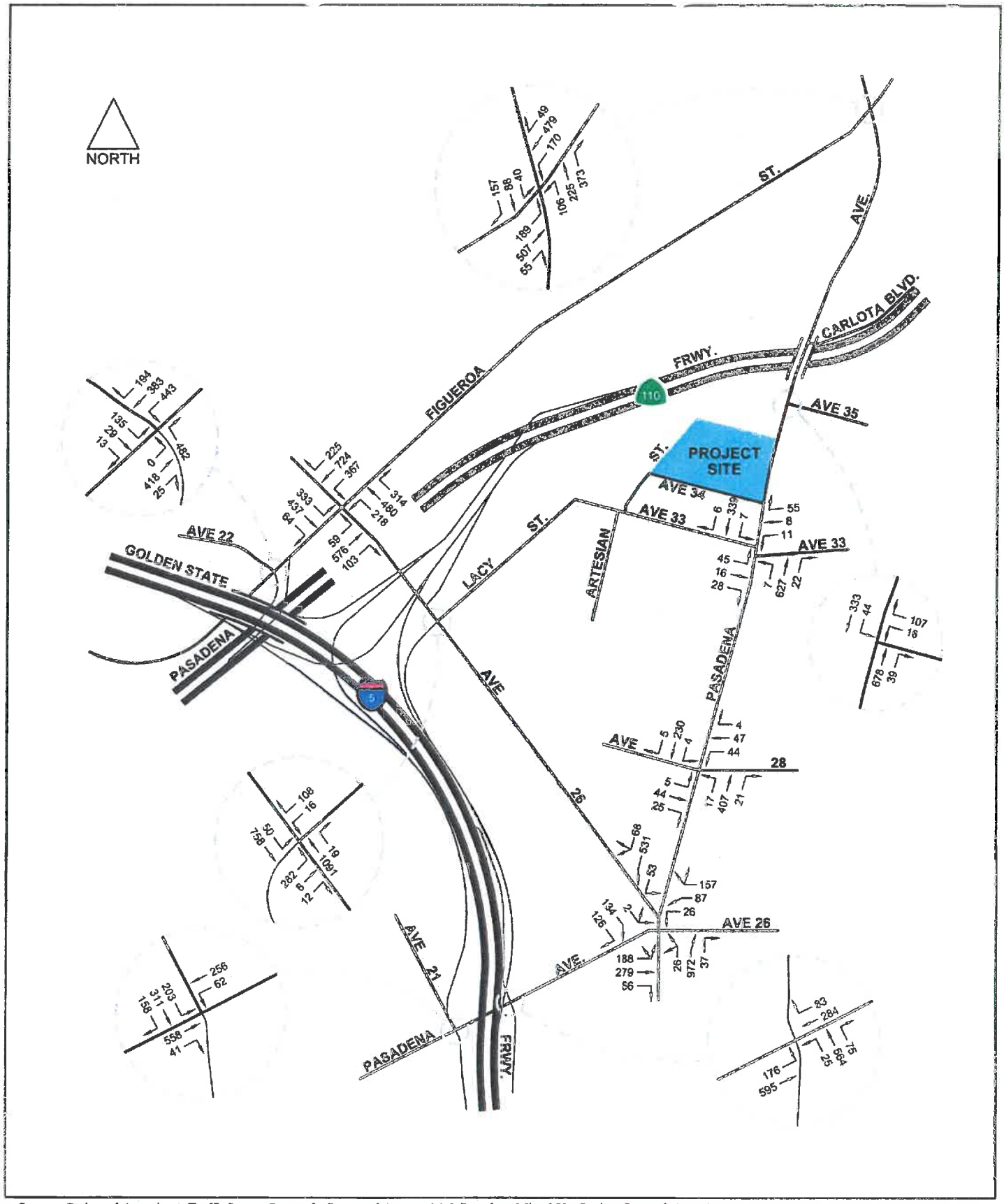
LOS = level of service; v/c = volume-to-capacity ratio
Source: Crain & Associates, Traffic Impact Report for Proposed Avenue 34 & Pasadena Mixed-Use Project, dated December 2015.



Source: Crain and Associates, Traffic Impact Report for Proposed Avenue 34 & Pasadena Mixed-Use Project, December 2015.

PARKER ENVIRONMENTAL CONSULTANTS

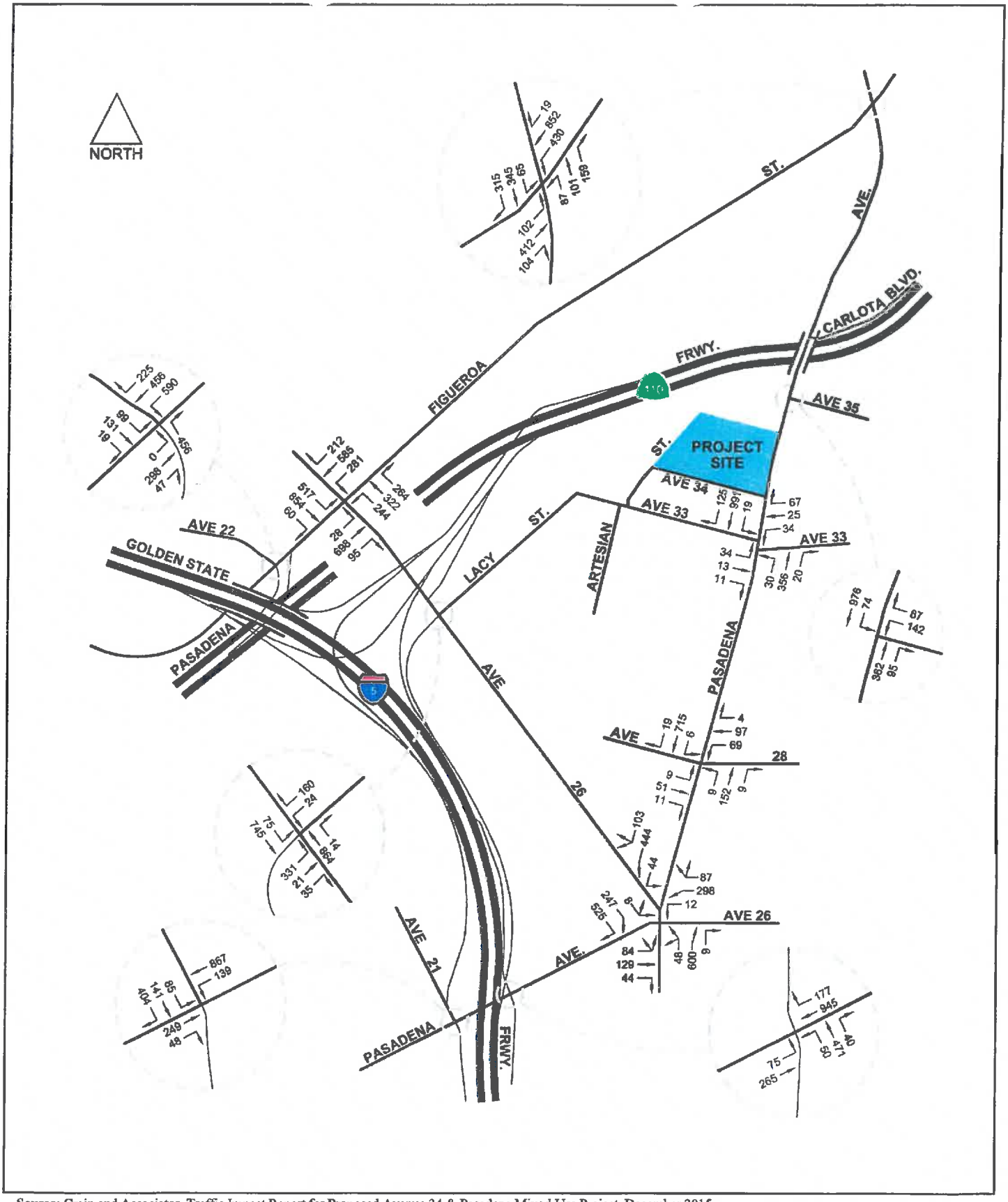
Figure III-8
Future (2020) Traffic Volumes without Project - AM Peak Hour



Source: Crain and Associates, Traffic Impact Report for Proposed Avenue 34 & Pasadena Mixed-Use Project, December 2015.

PARKER ENVIRONMENTAL CONSULTANTS

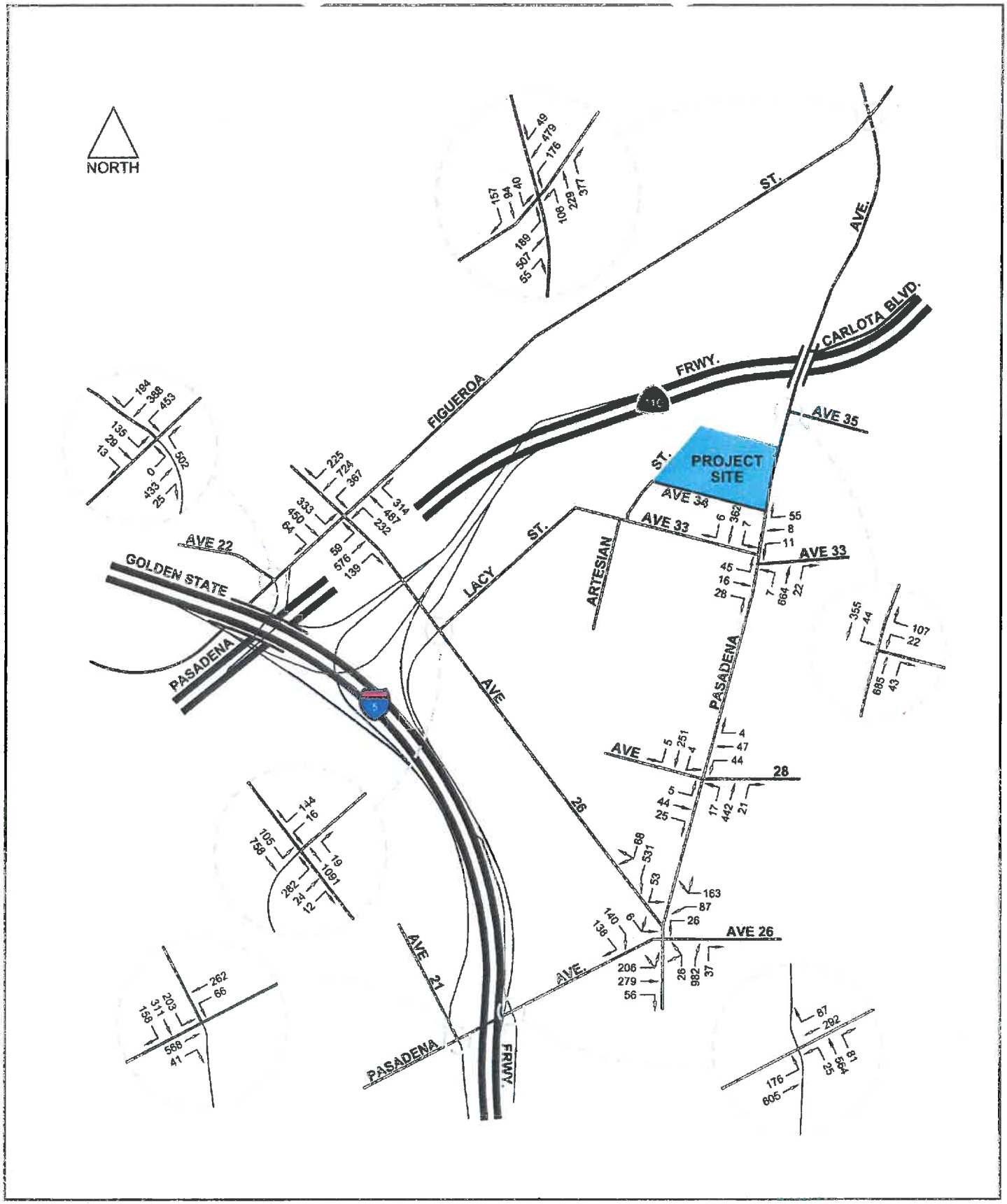
Figure III-9
Future (2020) Traffic Volumes without Project - PM Peak Hour



Source: Crain and Associates, Traffic Impact Report for Proposed Avenue 34 & Pasadena Mixed-Use Project, December 2015.

PARKER ENVIRONMENTAL CONSULTANTS

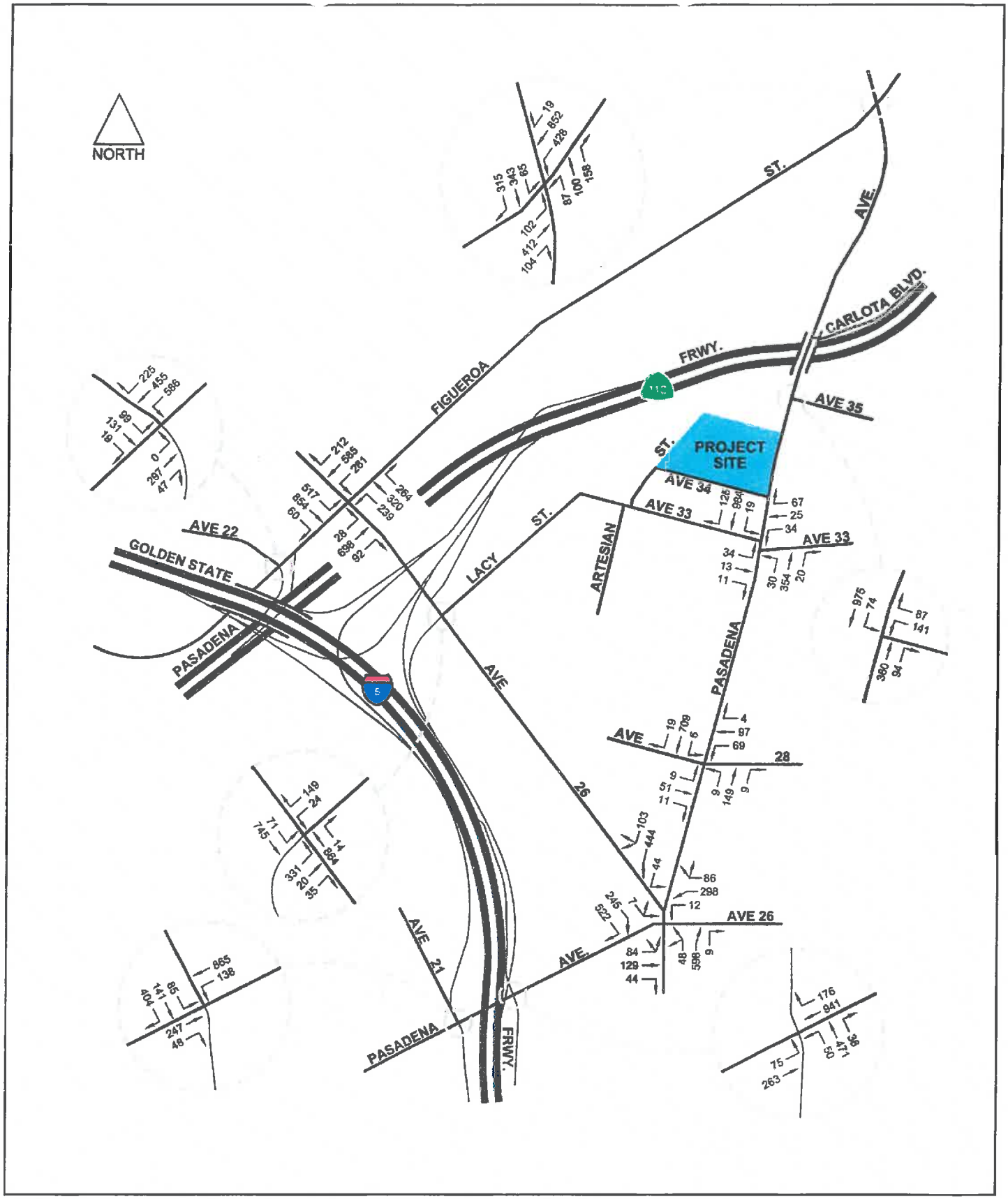
Figure III-10
Future (2020) Traffic Volumes with Project - AM Peak Hour



Source: Crain and Associates, Traffic Impact Report for Proposed Avenue 34 & Pasadena Mixed-Use Project, December 2015.

PARKER ENVIRONMENTAL CONSULTANTS

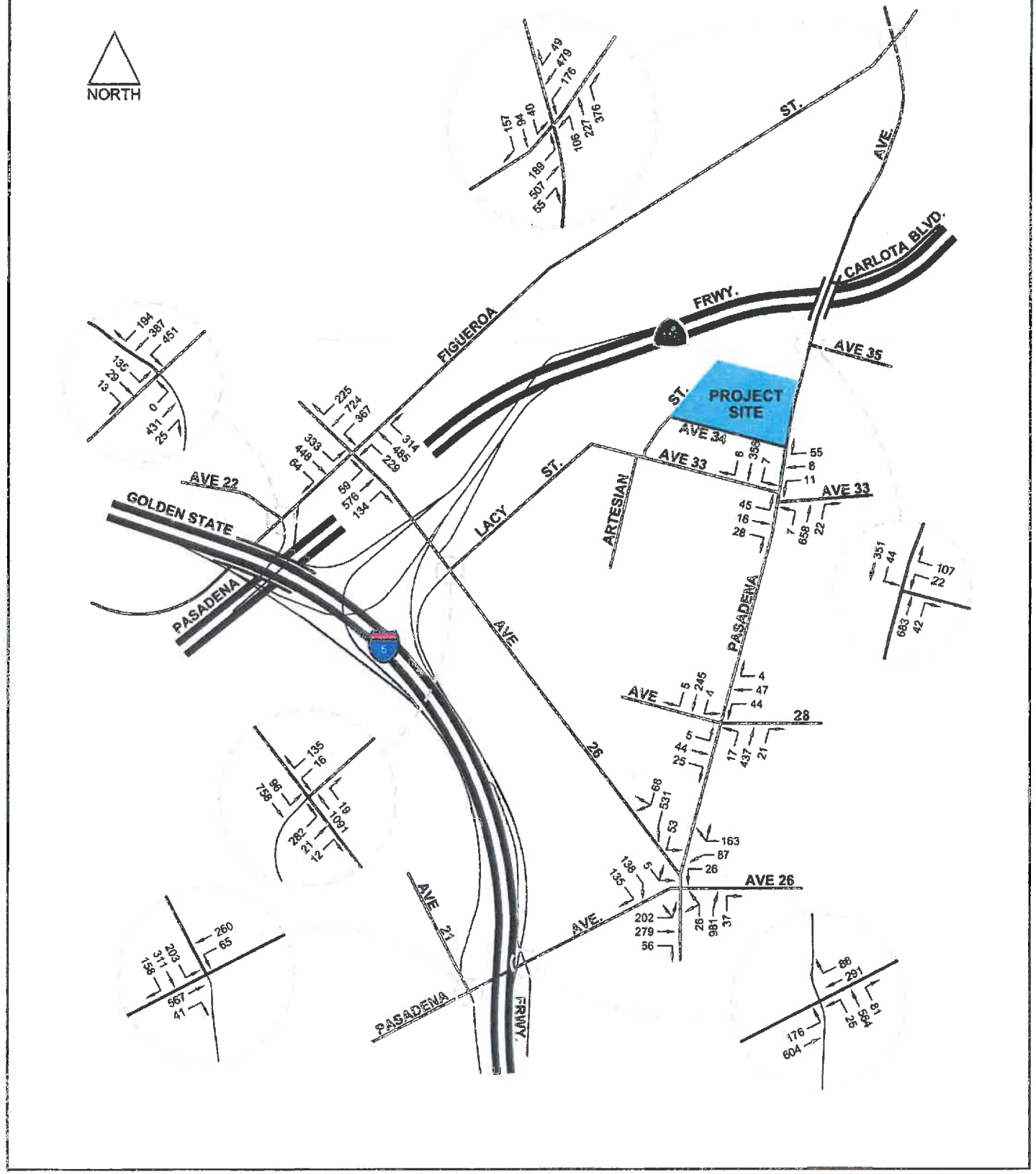
Figure III-11
Future (2020) Traffic Volumes with Project - PM Peak Hour



Source: Crain and Associates, Traffic Impact Report for Proposed Avenue 34 & Pasadena Mixed-Use Project, December 2015.

PARKER ENVIRONMENTAL CONSULTANTS

Figure III-12
Future (2020) Traffic Volumes with Project with TDM - AM Peak Hour



Source: Crain and Associates, Traffic Impact Report for Proposed Avenue 34 & Pasadena Mixed-Use Project, December 2015.

PARKER ENVIRONMENTAL CONSULTANTS

Figure III-13
Future (2020) Traffic Volumes with Project with TDM - PM Peak Hour

Table III-32
Future (2020) and Future with Project
Level of Service Summary with Mitigation Traffic Conditions

Intersection	Peak Hour	Future		Future with Project		Project Impact	Future with Project with TDM		Project Impact with TDM
		V/C	LOS	V/C	LOS		V/C	LOS	
2. Figueroa St. & Avenue 26	AM	0.958	E	0.968	E	0.010 *	0.967	E	0.009
	PM	0.968	E	0.973	E	0.005	0.971	E	0.003
8. Pasadena Ave./ Avenue 26 & Daly St.	AM	0.901	E	0.921	E	0.020 *	0.909	E	0.008
	PM	0.715	C	0.744	C	0.029	0.728	C	0.013

LOS = level of service; v/c = volume-to-capacity ratio
** Indicates a significant impact using the LADOT criteria.*
Source: Crain & Associates, Traffic Impact Report for Proposed Avenue 34 & Pasadena Mixed-Use Project, dated December 2015.

Construction Traffic

The Proposed Project would require the use of haul trucks during site clearing and excavation, and the use of a variety of other construction vehicles throughout the construction of the Proposed Project. The Proposed Project would require approximately 98,000 cy of excavated soil to be exported off site. As noted in the CalEEMod worksheets provided in the Air Quality Study, it is conservatively estimated that the earthwork and grading phase would generate up to 12,250 haul trips over an approximate 3-month period (average of 186 trips per day based on approximately 8 cy per truck[46]). The local haul route traveling to and from the I-5 Freeway would utilize Avenue 34, Pasadena Avenue, Avenue 33, Lacy Street, and Avenue 26. The haul trips would occur outside of the peak hours and during the permissible hauling hours identified in the haul route to be approved by the Department of Building and Safety. The addition of these vehicles onto the street system would contribute to increased traffic in the Project vicinity. However, the Proposed Project's construction trip traffic would be a fraction of the operational traffic that would not cause any significant impacts at the studied intersections. Therefore, it is not anticipated that they would contribute to a significant increase in the overall congestion in the Project vicinity. In addition, any truck trips would be limited to the length of time required for the Project's construction. Due to the temporary nature of the traffic, construction impacts would be less than significant with the incorporation of Mitigation Measures MM-T-4 to MM-T-6, below.

Mitigation Measures:

MM-T-4 Construction Management Plan

- A Construction work site traffic control plan shall be submitted to DOT for review and approval prior to the start of any construction work. The plans shall show the location of any roadway or sidewalk closures, traffic detours, haul routes, hours of operation, protective devices, warning signs and access to abutting properties. All construction related traffic shall be restricted to off-

[46] *The use of double belly haul trucks would increase the hauling capacity to 20 cy reducing the total haul trips to 4,900 trips, or approximately 75 trips per day.*

peak hours.

- All delivery truck loading and unloading shall take place on site or within the boundaries of an approved traffic control plan.

MM-T-5 Transportation and Traffic (Construction)

- The developer shall install appropriate traffic signs around the site to ensure pedestrian and vehicle safety at all times during the construction period.

MM-T-6 Pedestrian Safety During Construction

- The Applicant shall plan construction and construction staging as to maintain pedestrian access on adjacent sidewalks throughout all construction phases. This requires the applicant to maintain adequate and safe pedestrian protection, including physical separation (including utilization of barriers such as K-Rails or scaffolding, etc.) from work space and vehicular traffic, and overhead protection, due to sidewalk closure or blockage, at all times.
- Should permanent pedestrian routes be unavailable due to construction, safe and accessible temporary pedestrian routes shall be provided adjacent to the project site.
- Covered walkways should be provided where pedestrians are exposed to potential injury from falling objects.
- The Applicant shall keep sidewalk open during construction until only when it is absolutely required to close or block sidewalk for construction and/or construction staging. Sidewalk shall be reopened as soon as reasonably feasible taking construction and construction staging into account.

b) Would the project conflict with an applicable congestion management program, including, but not limited to level of service standards and travel demand measures, or other standards established by the county congestion management agency for designated roads or highways?

Less Than Significant Impact. A significant impact would occur if the project conflicts with an applicable congestion management program, including, but not limited to level of service standards and travel demand measures, or other standards established by the county congestion management agency for designated roads or highways. The local CMP requires that all CMP monitoring intersections be analyzed where a project would likely add 50 or more trips during the peak hours. In addition, any CMP freeway monitoring segment where a project is expected to add 150 or more trips in any direction during the peak hours is to be analyzed. The study area analyzed in the Traffic Impact Study includes the 10 intersections listed above. None of these intersections are Los Angeles County Congestion Management Plan (CMP) monitoring locations. The nearest such intersection is Sunset Boulevard/Alvarado Street (three miles southwest of the Project Site). A review of the Project trip distribution and net Project traffic additions to the study vicinity shows that Proposed Project would not add 50 or more trips to this CMP intersections. It is estimated that the Proposed Project would generate at most 6 trips during the AM peak hour and 8 trips during the PM peak hour at the intersection of Sunset Boulevard/Alvarado Street. As these volumes are below the threshold of 50 trips, no further CMP intersection analysis is warranted.

Furthermore, the nearest CMP freeway monitoring segments are the Golden State Freeway (US-101) at Stadium Way and the Arroyo Seco Parkway (SR-110) at Pasadena Avenue. Based on the Project trip generation described above, the Proposed Project is expected to add approximately 161 trips during the AM peak hour (29 inbound, 132 outbound) and 199 trips during the PM peak hour (133 inbound, 66 outbound) to the adjacent street system. These direction amounts are less than the freeway threshold of 150 directional trips. Therefore, no significant impact to any CMP freeway monitoring location is forecast and no additional freeway analysis is necessary. As such, the Proposed Project would not conflict with the adopted CMP and Project impacts would be less than significant.

c) Would the project result in a change in air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks?

No Impact. This question would apply to the Proposed Project only if it involved an aviation-related use or would influence changes to existing flight paths. The Proposed Project does not include any aviation-related uses and would have no airport impact. It would also not require any modification of flight paths for the existing airports in Los Angeles. Therefore, no impact would occur.

d) Would the project substantially increase hazards due to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?

Potentially Significant Unless Mitigation Incorporated. A significant impact may occur if the Proposed Project includes new roadway design or introduces a new land use or features into an area with specific transportation requirements and characteristics that have not been previously experienced in that area, or if Project Site access or other features were designed in such a way as to create hazard conditions. Current vehicular access to the Project Site is provided by six driveways off the north side of Avenue 34 and two driveways off the west side of Pasadena Avenue. Sliding gates secure the driveways and access on-site. Vehicular access for the Project parking would be provided via two driveways along Avenue 34 for residential and mixed commercial and residential purposes. An additional driveway serving the commercial loading dock and short-term retail parking would be located along Pasadena Avenue.

The proposed site plan for the Project is acceptable to the Department of Transportation. However, the review does not constitute approval of the driveway dimensions and circulation schemes. All new driveways should be Case 2 driveways and 30 feet wide for two-way operations. Any security gates should be minimum of 20 feet from the property line or to the satisfaction of LADOT. The Applicant will consult with LADOT for the applicable driveway width standards, internal circulation and truck loading requirements so that such traffic flow considerations are designed and incorporated early into the building and parking layout plans. As stated in Mitigation Measure MM-T-1, above, the Proposed Project shall comply with the requirements stated in the LADOT Assessment Letter. As such, the Proposed Project would include new vehicular access driveways that would not conflict with pedestrian circulation and traffic. These Site access and circulation schemes would be further reviewed and approved by LADOT. Therefore, the Project's potential increase hazards due to design features or incompatible uses would be mitigated to a less than significant level.

e) Would the project result in inadequate emergency access?

Less Than Significant Impact. A significant impact may occur if the Project design would not provide emergency access meeting the requirements of the LAFD, or in any other way threatened the ability of emergency vehicles to access and serve the Project Site or adjacent uses.

As previously discussed in Section VIII(g), the Proposed Project is not located on or near an adopted emergency response or evacuation plan. Development of the Project Site may require temporary and/or partial street closures due to construction activities. However, any such closures would be temporary in nature and would be coordinated with the Departments of Transportation, Building and Safety, and Public Works. Nonetheless, while such closures may cause temporary inconvenience, they would not be expected to substantially interfere with emergency response or evacuation plans. Therefore, the impacts would be less than significant.

As described in Section XIV(a), the Proposed Project would satisfy the emergency response requirements of the LAFD. There are no hazardous design features included in the access design or site plan for the Proposed Project that could impede emergency access. Furthermore, the Proposed Project would be subject to the site plan review requirements of the LAFD and the LAPD to ensure that all access roads, driveways and parking areas would remain accessible to emergency service vehicles. Therefore, the Proposed Project would not be expected to result in inadequate emergency access, and the impact would be less than significant.

f) Would the project conflict with adopted policies, plans, or programs regarding public transit, bicycles, or pedestrian facilities, or otherwise decrease the performance or safety of such facilities?

Less Than Significant Impact. A significant impact may occur if the Proposed Project would conflict with adopted policies or involve modification of existing alternative transportation facilities located on- or off-site. Development of the Proposed Project would not result in the disruption of public transportation services or the substantial alteration of public transportation routes. Consistent with the City's Bicycle Ordinance, the Proposed Project would provide 383 long-term bicycle stalls and 46 short-term bicycle parking stalls. Furthermore, the Proposed Project would not permanently interfere with any class I or class II bikeway systems or pedestrian facilities; although, the Project would result in temporary construction disturbances to pedestrian and bike lane facilities due to construction vehicles entering and exiting the Project Site and temporary sidewalk closures. Throughout the duration of the Project's construction phase, safe pedestrian access would be maintained along the east side of Pasadena Avenue. Pedestrian access on the west side of Pasadena Avenue may close temporarily during the duration of the Project's construction phase. As such, safe pedestrian access along Pasadena Avenue would be maintained at all times throughout the construction of the Proposed Project. During the construction, Mitigation Measure MM-T-6, above, would ensure pedestrian safety and access along the portions that border the Project Site. Since the Proposed Project would not modify or conflict with any alternative transportation policies, plans or programs, the Proposed Project would have a less than significant impact on such programs.

Cumulative Impacts

Potentially Significant Unless Mitigation Incorporated. Development of the Proposed Project in conjunction with the three related projects would result in an increase in average daily vehicle trips and peak hour vehicle trips in the Northern Los Angeles Community Plan Area. As noted in Table III-30 and III-31, above, two of the ten study intersections would be significantly impacted by Project traffic under Future (2020) conditions. As shown in Table III-32, Mitigation Measures MM-T-1 through MM-T-3 would off set the increased traffic and reduce trips from single occupant vehicles by implementing a Transportation Demand Management Plan. Therefore, the Proposed Project's cumulative impacts would be mitigated to a less than significant level.

XVII. UTILITIES AND SERVICE SYSTEMS

a) Would the project exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board?

Less Than Significant Impact. A significant impact would occur if a project exceeds wastewater treatment requirements of the applicable Regional Water Quality Control Board. Section 13260 of the California Water Code states that persons discharging or proposing to discharge waste that could affect the quality of the waters of the State, other than into a community sewer system, shall file a Report of Waste Discharge (ROWD) containing information which may be required by the appropriate Regional Water Quality Control Board (RWQCB). The RWQCB then authorizes an NPDES permit that ensures compliance with wastewater treatment and discharge requirements. The Los Angeles RWQCB (LARWQCB) enforces wastewater treatment and discharge requirements for properties in the Project area.

Wastewater from the Project Site is conveyed via municipal sewage infrastructure maintained by the Los Angeles Bureau of Sanitation to the Hyperion Water Reclamation Plant (HWRP). The HWRP is a public facility and is subject to the State's wastewater treatment requirements. Wastewater from the Project Site is and would continue to be treated according to the wastewater treatment requirements enforced by the LARWQCB. Therefore, impacts associated with wastewater treatment requirements would be less than significant.

b) Would the project require or result in the construction of new water or wastewater treatment facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?

Less Than Significant Impact. A significant impact may occur if a project would increase water consumption or wastewater generation to such a degree that the capacity of facilities currently serving the Project Site would be exceeded. Based on the *L.A. CEQA Thresholds Guide*, the determination of whether a project results in a significant impact on water shall be made considering the following factors: (a) the total estimated water demand for the project; (b) whether sufficient capacity exists in the water infrastructure that would serve the project, taking into account the anticipated conditions at project buildout; (c) the amount by which the project would cause the projected growth in population, housing or employment for the Community Plan area to be exceeded in the year of the project completion; and (d)

the degree to which scheduled water infrastructure improvements or project design features would reduce or offset service impacts.

Water Treatment Facilities and Existing Infrastructure

The Los Angeles Department of Water and Power (LADWP) ensures the reliability and quality of water supply through an extensive distribution system that includes more than 7,200 miles of pipes, more than 100 storage tanks and reservoirs within the City, and eight storage reservoirs along the Los Angeles Aqueducts. Much of the water flows north to south, entering Los Angeles at the Los Angeles Aqueduct Filtration Plant (LAAFP) in Sylmar, which is owned and operated by LADWP. Water entering the LAAFP undergoes treatment and disinfection before being distributed throughout the LADWP's Water Service Area. The LAAFP has the capacity to treat approximately 600 million gallons per day (mgd).[47] The average plant flow is approximately 450 mgd during the non-summer months and 550 mgd during the summer months, and operates at between 75 and 90 percent capacity. Therefore, the LAAFP has a remaining capacity of treating approximately 50 to 150 mgd, depending on the season.[48]

As shown in Table III-33 below, the Proposed Project would generate a net increase in water demand of approximately 53,633 gallons per day (gpd) of water, significantly below available capacity. Because the Proposed Project is consistent with the zoning and General Plan land use designations, and the Project's population growth is within SCAG's forecast, the Project's increased water demand would not measurably reduce the LAAFP's treatment capacity; therefore, no new or expanded water treatment facilities would be required. With respect to water treatment facilities, the Proposed Project would have a less-than-significant impact.

[47] *Los Angeles Department of Water and Power, website: http://wsoweb.ladwp.com/Aqueduct/historyoflaa/waterquality.htm, accessed February 2016.*

[48] *Los Angeles Department of Water and Power, website: http://www.ladwp.com/, accessed February 2016.*

Table III-33
Proposed Project Estimated Water Demand

Type of Use	Size	Water Demand Rate (gpd/unit) [a]	Total Water Demand (gpd)
Existing Uses			
Industrial	118,284 sf	0.024 gpd/sf	2,839
Proposed Project			
Residential Units (372 total du)			
Studio	167 du	96 gpd/du	16,032
One Bedroom	110 du	144 gpd/du	15,840
Two-Bedroom	95 du	192 gpd/du	18,240
Commercial			
Creative Office	30,000 sf	0.18 gpd/sf	5,400
Retail	10,000 sf	0.096 gpd/sf	960
		Total Project Water Demand:	**56,472**
		Less Existing Water Demand:	*-2,839*
		NET Additional Water Demand:	**53,633**

Notes: sf =square feet; du = dwelling units, gpd: gallons per day
[a] *L.A. CEQA Thresholds Guide (2006), Exhibit M.2-12. Consumption Rates based on 120% of the City of Los Angeles Department of Public Works, Bureau of Sanitation Sewer Generation Rates table, March 20, 2002.*
Parker Environmental Consultants, 2016.

Although no system upgrades are anticipated at this time, the water system would be verified again at the time of construction. In the event that water main and/or other infrastructure upgrades are required for the proposed development, such infrastructure improvements would be conducted within the right-of-way easements serving the Project area, and would not create a significant impact to the physical environment. This is largely due to the fact that (a) any disruption of service would be short-term, (b) the replacement of the water mains would be within public rights-of-way, and (c) any foreseeable infrastructure improvements would be limited to the immediate Project vicinity. Therefore, potential impacts resulting from water infrastructure improvements would be less than significant.

Wastewater Treatment Facilities and Existing Infrastructure

Based upon the criteria established in the *L.A. CEQA Thresholds Guide*, a project would normally have a significant wastewater impact if: (a) the project would cause a measurable increase in wastewater flows to a point where, and a time when, a sewer's capacity is already constrained or that would cause a sewer's capacity to become constrained; or (b) the project's additional wastewater flows would substantially or incrementally exceed the future scheduled capacity of any one treatment plant by generating flows greater than those anticipated in the Wastewater Facilities Plan or General Plan and its elements.

The Los Angeles Bureau of Sanitation provides sewer service to the Proposed Project area. Sewage from the Project Site is conveyed via sewer infrastructure to the Hyperion Water Reclamation Plant (HWRP). The Hyperion Water Reclamation Plant treats an average daily flow of 275 million gallons per day (mgd) on a dry weather day. Because the amount of wastewater entering the HWRP can double on rainy days, the plant was designed to accommodate both dry and wet weather days with a maximum daily flow of

450 mgd and a peak wet weather flow of 800 mgd.[49] This equals a remaining capacity of 175 mgd of wastewater able to be treated at the HWRP. As shown in Table III-34, the Proposed Project would generate a net increase of approximately 44,694 gpd of wastewater, representing a fraction of one percent of the available capacity. The Project Site is served by an existing 8-inch sewer pipe located south of the Project Site along the middle of W. Avenue 34. and a 15-inch pipe along Pasadena Avenue.[50] In accordance with the *L.A. CEQA Thresholds Guide*, the estimated sewer flows were based on the sewerage generation factors for residential and commercial categories (City of Los Angeles, Bureau of Sanitation, 1996). The HWRP has a remaining capacity of 175 additional mgd, and as such would have adequate capacity to serve the Project Site. Therefore, impacts to sewer capacity and infrastructure would be less than significant.

Table III-34
Proposed Project Estimated Wastewater Generation

Type of Use	Size	Wastewater Generation Rate (gpd/unit) [a]	Total Wastewater Generation (gpd)
Existing Uses			
Industrial	118,284 sf	0.02 gpd/sf	2,366
Proposed Project			
Residential Units (372 total du)			
Studio	167 du	80 gpd/du	13,360
One Bedroom	110 du	120 gpd/du	13,200
Two-Bedroom	95 du	160 gpd/du	15,200
Commercial			
Creative Office	30,000 sf	0.15 gpd/sf	4,500
Retail	10,000 sf	0.08 gpd/sf	800
		Total Project Wastewater Generation:	**47,060**
		Less Existing Wastewater Generation:	*-2,366*
		NET TOTAL Wastewater Generation:	**44,694**

Notes: sf =square feet; du = dwelling units, gpd: gallons per day
[a] *L.A. CEQA Thresholds Guide (2006), Exhibit M.2-12.*
Parker Environmental Consultants, 2016.

Based on communication from the Bureau of Sanitation, adequate capacity is available to handle the anticipated discharge from the Proposed Project as indicated in the Sewer Capacity Availability request (SCAR). The Project Site currently served by 8-inch diameter sewer pipes running along Avenue 34 and a 15-inch sewer pipe along Pasadena Avenue. Based on the estimated sewer flows indicated in Table III-34 above, Bureau of Engineering has approved the SCAR request. Through the rules and regulations

---

[49] *City of Los Angeles Department of Public Works, Bureau of Sanitation, Hyperion Water Reclamation Plant, website: http://lasewers.org/treatment_plants/hyperion/tour/index.htm, accessed* October *2016.*

[50] *City of Los Angeles Bureau of Engineering, Sewer Capacity Availability Request (SCAR) Letter, 141 W. Avenue 34, February 1, 2016.*

established in the City of Los Angeles Sewer Allocation Ordinance (Ord. 166,060), the Bureau of Sanitation will verify the gauging of the sewer lines and make the appropriate decisions on how best to connect to the local sewer lines at the time of construction. If it is later determined that the local sewer system has insufficient capacity to serve the Proposed Project, the Applicant would be required to replace or build new sewer lines to a point in the sewer system with sufficient capacity to accommodate the Proposed Project's increased flows. Any infrastructure improvements to update or expand the sewer lines in the Project vicinity, if necessary, would be limited to trenching, excavating and backfilling the sewer lines beneath the public right-of way. Such construction activities would be localized in nature and would generally involve partial lane closures for a relatively short duration of time typically lasting a few days to a few weeks. Impacts to sewer capacity and infrastructure would be less than significant.

c) Would the project require or result in the construction of new storm water drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?

Less Than Significant Impact. A significant impact may occur if the volume of stormwater runoff would increase to a level exceeding the capacity of the storm drain system serving a project site, resulting in the construction of new stormwater drainage facilities. As described in Question IX(c) the Proposed Project would not result in a significant increase in site runoff, or any changes in the local drainage patterns. The Proposed Project would be required to demonstrate compliance with Low Impact Development Ordinance standards and retain or treat the first ¾-inch of rainfall in a 24-hour period. The Proposed Project Site is currently developed with manufacturing facilities and surface loading/parking areas. Runoff from the Project Site currently is and would continue to be directed towards existing storm drains in the Project vicinity. As stated previously in Section IX, the Project shall comply with the LID Plan, Standard Urban Stormwater Mitigation Plan (SUSMP), Environmental [Q] Conditions 13 - 17, and/or the site-specific mitigation plan to mitigate stormwater pollution as required by Ordinance Nos. 172,176 and 173,494. The appropriate design and application of Best Management Practices (BMP) devices and facilities shall be determined by the Watershed Protection Division of the Bureau of Sanitation, Department of Public Works. Thus, development of the Proposed Project would not create or contribute to runoff water, which may exceed the capacity of existing or planned stormwater drainage systems. Therefore, Project impacts would be considered less than significant.

d) Would the project have sufficient water supplies available to serve the project from existing entitlements and resources, or are new or expanded entitlements needed?

Less Than Significant Impact. A significant impact may occur if a project would increase water consumption to such a degree that new water sources would need to be identified. Based on the *L.A. CEQA Thresholds Guide*, the determination of whether the project results in a significant impact on water shall be made considering the following factors: (a) the total estimated water demand for the project; (b) whether sufficient capacity exists in the water infrastructure that would serve the project, taking into account the anticipated conditions at project buildout; (c) the amount by which the project would cause the projected growth in population, housing or employment for the Community Plan area to be exceeded in the year of the project completion; and (d) the degree to which scheduled water infrastructure improvements or project design features would reduce or offset service impacts.

The City's water supply comes from local groundwater sources, the Los Angeles-Owens River Aqueduct, State Water Project, and from the Metropolitan Water District (MWD) of Southern California, which is obtained from the Colorado River Aqueduct. The MWD utilizes a land-use based planning tool that allocates projected demographic data from the SCAG into water service areas for each of MWD's member agencies. The 2015 Urban Water Management Plan (UWMP), which estimates future demand based on population and growth estimated reported in SCAG's RTP/SCS, projects a total water demand and supply of 675,685 AFY in 2040. With its current water supplies, planned future water conservation, and planned future water supplies, LADWP will be able to reliably provide water to its customers through the 25-year planning period covered by the 2015 UWMP. Through various conservation strategies, the LADWP will be able to reduce the City's water demand during dry years to respond to any reductions to water supplies during multiple dry years.

As shown in Table III-33, the Proposed Project's net increase in water demand would be 53,633 gallons per day. The Proposed Project would be consistent with the allowable land uses and density that are planned for the Project Site and is therefore within the growth projections of SCAG's RTP/SCS. Accordingly, the Project's anticipated water demand has been accounted for and would not exceed the water demand estimates of the City's 2015 UWMP. Thus, the Proposed Project would have a less-than-significant impact on water demand. In addition, pursuant to LAMC Section 122.03(a), the Proposed Project is required to utilize water saving devices including, but not limited to, urinals equipped with flush-o-meter valves, which flush with a maximum of 1.28 gallons, which would further reduce impacts associated with this issue to a level that is less than significant. Environmental impacts would further be reduced by implementation of the following regulatory compliance measures:

- **(Green Building Code):** The Project shall implement all applicable mandatory measures within the LA Green Building Code that would have the effect of reducing the Project's water use.

- **(Landscape):** The Project shall comply with Ordinance No. 170,978 (Water Management Ordinance), which imposes numerous water conservation measures in landscape, installation, and maintenance (e.g., use drip irrigation and soak hoses in lieu of sprinklers to lower the amount of water lost to evaporation and overspray, set automatic sprinkler systems to irrigate during the early morning or evening hours to minimize water loss due to evaporation, and water less in the cooler months and during the rainy season).

Compliance with the regulatory compliance measures identified above would reduce the Proposed Project's demands for potable water resources to a less than significant level.

Cumulative Impacts

Less Than Significant Impact. Development of the Proposed Project, related projects and the cumulative growth throughout the City of Los Angeles, would further increase the demand for potable water within the City. Through the 2015 Urban Water Management Plan, the LADWP has demonstrated that it can provide adequate water supplies for the City through the year 2040. This estimate is based in part on demographic projections obtained for the LADWP service area from the Metropolitan Water District (MWD). The MWD utilizes a land-use based planning tool that allocates projected demographic

data from the Southern California Association of Governments (SCAG) into water service areas for each of MWD's member agencies. MWD's demographic projections use data reported in SCAG's 2008 Regional Transportation Plan (RTP). As discussed previously in this section under the Population and Housing subheading, the Proposed Project's growth is consistent with SCAG's growth projections for the City of Los Angeles subregion. The Proposed Project is consistent with the underlying allowable uses per the LAMC and would not exceed the allowable density for the Project Site. As such, the additional water demands generated by the Proposed Project are accounted for in the 2015 Urban Water Management Plan.

Development of the Proposed Project in conjunction with the three related projects would further increase regional demands on LAAFP's capacity. The impact of the continued growth of the region would likely have the effect of diminishing the daily excess capacity of the LAAFP's service to the City of Los Angeles. The Proposed Project and related projects cumulative water demand can be seen in Table III-35, below. As shown in Table III-35, the net water demand of the three related projects and the Proposed Project totals approximately 164,139 gpd or 0.17 mgd. Of the 50 to 150 mgd available water treatment capacity in LAAFP, the cumulative demand of 0.17 mgd would not significantly reduce its capacity. As such, cumulative impacts with respect to water demand would be less than significant.

Table III-35
Estimated Cumulative Water Demand

Type of Use	Size	Water Demand Rate (gpd/unit) [a]	Total Water Demand (gpd)
Related Projects			
Dwelling Units [b]	354 du	192 gpd/du	67,968
Senior Apartments [c]	100 du	144 gpd/du	14,400
Medical Office	66,000 sf	0.3 gpd/sf	19,800
Retail	40,000 sf	0.096 gpd/sf	3,840
School: Middle School	74 stu	9.6 gpd/student	710
School: High School	263 stu	14.4 gpd/stu	3,787
		Total Related Projects Water Demand:	**110,506**
		Total Project Water Demand:	53,633
		TOTAL CUMULATIVE:	**164,139**
		Project % of Cumulative	**33%**

Notes: sf =square feet; du = dwelling units, gpd = gallons per day, stu = student
[a] *L.A. CEQA Thresholds Guide (2006), Exhibit M.2-12. Consumption Rates based on 120% of the City of Los Angeles Department of Public Works, Bureau of Sanitation Sewer Generation Rates table, March 20, 2002.*
[b] *Dwelling units include condominiums and multi-family residential units. Consumption rate was based on two bedrooms per unit as a conservative estimate.*
[c] *Senior Apartments assume one bedroom per dwelling unit.*
Parker Environmental Consultants, 2016.

e) Would the project result in a determination by the wastewater treatment provider which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?

Less Than Significant Impact. Based upon the criteria established in the *L.A. CEQA Thresholds Guide*, a project would normally have a significant wastewater impact if: (a) the project would cause a measurable increase in wastewater flows to a point where, and a time when, a sewer's capacity is already constrained or that would cause a sewer's capacity to become constrained; or (b) the project's additional wastewater flows would substantially or incrementally exceed the future scheduled capacity of any one treatment plant by generating flows greater than those anticipated in the Wastewater Facilities Plan or General Plan and its elements. As stated in Checklist Question XVII(b), above, the sewage flow would ultimately be conveyed to the Hyperion Water Reclamation Plant, which has sufficient capacity for the Proposed Project.[51] Therefore, impacts would be less than significant.

Cumulative Impacts

Less Than Significant Impact. Development of the Proposed Project in conjunction with the three related projects would further increase regional demands on the HWRP's capacity. The impact of the continued growth of the region would likely have the effect of diminishing the daily excess capacity of the HWRP's service to the City of Los Angeles. The related projects cumulative wastewater demand can be seen in Table III-36, Projected Cumulative Wastewater Generation. As shown in Table III-36, the net wastewater demand of the three related projects and the Proposed Project totals approximately 136,782 gpd or 0.14 mgd. Of the 175 mgd available in HWRP, the cumulative demand of 0.14 mgd accounts for a small fraction of one percent of the available capacity and would not significantly reduce its capacity. As such, cumulative impacts with respect to wastewater demand would be less than significant.

[51] *City of Los Angeles Department of Public Works, Bureau of Sanitation, Wastewater: About Wastewater, website: http://lasewers.org/treatment_plants/hyperion/tour/index.htm, accessed October 2016.*

Table III-36
Estimated Cumulative Wastewater Generation

Type of Use	Size	Wastewater Generation Rate (gpd/unit) [a]	Total Wastewater Generation (gpd)
Related Projects			
Dwelling Units [b]	354 du	160 gpd/du	56,640
Senior Apartments [c]	100 du	120 gpd/du	12,000
Medical Office	66,000 sf	0.25 gpd/sf	16,500
Retail	40,000 sf	0.08 gpd/sf	3,200
School: Middle School	74 stu	8 gpd/student	592
School: High School	263 stu	12 gpd/stu	3,156
Total Related Projects Wastewater Generation:			**92,088**
Total Project Wastewater Generation:			44,694
TOTAL CUMULATIVE:			**136,782**
Project % of Cumulative:			**33%**

Notes: sf =square feet; du = dwelling units, gpd = gallons per day, stu = student
[a] *L.A. CEQA Thresholds Guide (2006), Exhibit M.2-12. Consumption Rates based on 120% of the City of Los Angeles Department of Public Works, Bureau of Sanitation Sewer Generation Rates table, March 20, 2002.*
[b] *Dwelling units include condominiums and multi-family residential units. Consumption rate was based on two bedrooms per unit as a conservative estimate.*
[c] *Senior Apartments assume one bedroom per dwelling unit.*
Parker Environmental Consultants, 2016.

f) Would the project be served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs?

Less Than Significant Impact. A significant impact may occur if a project were to increase solid waste generation to a degree such that the existing and projected landfill capacity would be insufficient to accommodate the additional solid waste. Based on the *L.A. CEQA Thresholds Guide*, the determination of whether a project results in a significant impact on solid waste shall be made considering the following factors: (a) amount of projected waste generation, diversion, and disposal during demolition, construction, and operation of the project, considering proposed design and operational features that could reduce typical waste generation rates; (b) need for additional solid waste collection route, or recycling or disposal facility to adequately handle project-generated waste; and (c) whether the project conflicts with solid waste policies and objectives in the Source Reduction and Recycling Element (SRRE) or its updates, the Solid Waste Management Policy Plan (SWMPP), Framework Element of the Curbside Recycling Program, including consideration of the land use-specific waste diversion goals contained in Volume 4 of the SRRE.

Solid waste generated within the City is disposed of at privately owned landfill facilities throughout Los Angeles County. While the Bureau of Sanitation provides waste collection services to single-family and some small multi-family developments, private haulers provide waste collection services for most multi-family residential and commercial developments within the City. Solid waste transported by both public and private haulers is either recycled, reused, transformed at a waste-to-energy facility, or disposed of at a

landfill. Under the City's RENEW LA Plan, the City committed to reaching Zero Waste by diverting 70% of the solid waste generated in the City by 2013, diverting 90% by 2025, and becoming a zero waste city by 2030. State law currently requires at least 50% solid waste diversion and establishes a state-wide goal of 75% diversion by 2020. Moreover, state law requires mandatory commercial recycling in all businesses and multi-family complexes and imposes additional reporting requirements on local agencies, including the City of Los Angeles. In order to meet these requirements and goals, the City has established an exclusive, competitive franchise system for the collection, transportation and processing of commercial and multi-family solid waste that will aid the City in meeting its diversion goals by, among other things: (i) requiring franchisees to meet diversion targets; (ii) increasing the capacity for partnership between the City and solid waste haulers; (iii) allowing the City to establish consistent methods for diversion of recyclables and organics; (iv) increasing the City's ability to track diversion, which will enable required reporting and monitoring of state mandated commercial and multi-family recycling; (v) increasing the City's ability to ensure diversion quality in the processing facilities handling its waste and recyclables; and (vi) increasing the City's capacity to enforce compliance with federal, state, county, and local standards. Pursuant to Section 66.32 of the LAMC, the Project's solid waste contractor must obtain, in addition to all other required permits, an AB 939 Compliance Permit from the Bureau of Sanitation.

Within the City of Los Angeles, the Sunshine Canyon Landfill and the Chiquita Canyon Landfill serve existing land uses within the City. Both landfills accept residential, commercial, and construction waste. The Sunshine Canyon Landfill is jointly operated by the City and the County, has a remaining capacity of 64.68 million tons. The Sunshine Canyon Landfill has an estimated remaining life of 23 years.[52] Currently, Chiquita Canyon Landfill is in the process of an Environmental Impact Report (EIR) and new Conditional Use Permit (CUP) application with the County of Los Angeles. During that period, the Chiquita Canyon Landfill reached the permitted disposal limit of 23 millions tons that was approved in 1997. The Director of Regional Planning granted Chiquita Landfill a limited waiver to continue operation of the landfill until necessary public hearings for the EIR and new CUP are completed. If the new CUP is not approved, then the landfill will close.[53] Until the Chiquita Landfill is forced to close, the Proposed Project would be allowed to dispose solid waste to this landfill. An expansion of the Chiquita Canyon Landfill is currently proposed and would add a capacity of 48,114,000 tons (a 43-year life expectancy based on 2014 average daily disposal of 3,558 tons per day or 15 years based on the maximum permitted rate of disposal of 10,000 tons per day).[54]

The Proposed Project would follow all applicable solid waste policies and objectives that are required by law, statute, or regulation. Environmental [Q] Condition C.10 (General Construction (a)), provides general requirements for recycling efforts and the proper disposal of solid waste. In addition, [Q]

---

[52] *County of Los Angeles Department of Public Works, 2014 Annual Report, Los Angeles Countywide Integrated Waste Management Plan, pages 31 and 32, December 2015.*

[53] *Chiquita Canyon, A Waste Connections Company, website: http://www.chiquitacanyon.com/2016/08/chiquita-canyon-granted-waiver-continues-operations/, accessed August 2016.*

[54] *County of Los Angeles Department of Public Works, 2014 Annual Report, Los Angeles Countywide Integrated Waste Management Plan, page 60, December 2015.*

Condition C.23 requires recycling bins be provided at appropriate locations to promote recycling of paper, metal, glass, and other recyclable material. As shown in Table III-37 below, with the development of 524,600 square feet of floor area (including residential floor area, office/retail area, and the subterranean parking structure), it is estimated that the construction of the Proposed Project would generate approximately 9,726 tons of debris during the demolition and construction process. Under the requirements of the hauler's AB 939 Compliance Permit from the Bureau of Sanitation, all construction and demolition debris would be delivered to a Certified Construction and Demolition Waste Processing Facility.

As shown in Table III-38, Estimated Operational Solid Waste Generation, the Proposed Project's net generation during operation of the Proposed Project would be approximately 2,936 pounds per day. This estimate is conservative, as it does not factor in any recycling or waste diversion programs. The Proposed Project's solid waste would be handled by private waste collection services. The amount of solid waste generated by the Proposed Project is within the available capacities at area landfills, and the Project impacts to regional landfill capacity would be less than significant. Implementation of Environmental [Q] Condition C.10 (General Construction (a)) and C.23, and the following code compliance measure listed below would further reduce the Proposed Project's impacts on solid waste generation.

Table III-37
Estimated Construction and Demolition Debris

Construction Activity	Size	Rate [a] (lbs./sf)	Generated Waste (tons)
Demolition (Approximate)			
Manufacturing Facility	106,800 sf	155 lbs/sf	8,277
Total Project Demolition Debris Generation:			**8,277**
Construction [b]			
Multi-Family Residential	484,600 sf	4.38 lbs/sf	1,061
Office / Retail Spaces	40,000 sf	3.89 lbs/sf	78
Parking Structure	175,000 sf	3.89 lbs/sf	340
Total Project Construction Debris Generation:			**1,449**
Proposed Project NET TOTAL:			**9,726**

Notes:
sf = square feet; lbs = pounds
[a] *USEPA Report No EPA530-98-010, Characterization of Building Related Construction and Demolition Debris in the United States, July 1998.*
[b] *For a conservative analysis, the entirety of the Proposed Project's square footage was used to calculate construction debris. The calculations do not take into account the existing square footage that would be rehabilitated as part of the Project.*
Source: Parker Environmental Consultants, 2016.

Table III-38
Estimated Operational Solid Waste Generation

Type of Use	Size	Solid Waste Generation Rate [a] (lbs/unit/day)	Total Solid Waste Generated (lbs/day)
Existing Uses			
Industrial (118,284 sf)	221 emp [b]	8.93 lbs/employee/day	1,973
Proposed Project			
Multi-Family Residential	372 du	12.23 lbs/du/day	4,550
Creative Office	30,000 sf	0.006 lbs/sf/day	180
Retail (10,000 sf)	17 emp [b]	10.53 lbs/employee/day	179
Total Project Solid Waste Generation:			**4,909**
Less Existing Uses:			*-1,973*
NET TOTAL Solid Waste Generation:			**2,936**

Notes:
sf =square feet; du = dwelling units, emp = employee
[a] *L.A. CEQA Thresholds Guide, page M.3-2. Waste generation includes all materials discarded, whether or not they are later recycled or disposed of in a landfill.*
[b] *Employees were projected based on 1 employee per 535 square feet of manufacturing business and 1 employee per 588 square feet of neighborhood retail/commercial space.*
Source: Parker Environmental Consultants, 2016.

Regulatory Compliance Measure:

- **(Construction Waste Recycling):** In accordance with LAMC Section 99.04.408, the Proposed Project would reduce construction waste by at least 50 percent. In compliance with the LAMC Section 66.32, the General Contractor shall utilize solid waste haulers, contractors, and recyclers who have obtained an Assembly Bill (AB) 939 Compliance Permit from the City of Los Angeles Bureau of Sanitation.

g) Would the project comply with federal, state, and local statutes and regulations related to solid waste?

Less Than Significant Impact. A significant impact may occur if a project would generate solid waste that was not disposed of in accordance with applicable regulations. The Proposed Project would generate solid waste that is typical of a residential mixed-use building with ground-floor retail and would comply with all federal, state, and local statutes and regulations regarding proper disposal. Therefore, the Project's solid waste impacts would be less than significant.

Cumulative Impacts

Less Than Significant Impact. Development of the Proposed Project in conjunction with the three related projects would further increase regional demands on landfill capacity. The impact of the continued growth of the region would likely have the effect of diminishing the daily excess capacity of the existing landfills serving the City of Los Angeles. Although there are several proposals for new landfills in the region, there are currently few viable options for City of Los Angeles waste past 2029. Table III-39 shows the cumulative solid waste generation in pounds per day. The cumulative operational solid waste generation of the related projects and Proposed Project would contribute approximately 10,086 pounds of solid waste per day (1,841 tons of solid waste per year), which represents a fraction of one percent of the current remaining capacity of the Sunshine Canyon Landfill and the Chiquita Canyon Landfill, which combined have a remaining permitted capacity of approximately 66.51 million tons.

While in the short-term adequate landfill capacity exists to accommodate solid waste generated by the Proposed Project, in the future there would be a need to develop additional landfills and other waste disposal options to accommodate future growth. These options include diversion or transformation as the preferred methods for addressing solid waste and specific and practical applications (i.e., market development, public education and public policy initiatives) within the City.

The City of Los Angeles Solid Waste Management Plan (AB 939) sets forth strategies that would provide adequate landfill capacity through 2037 to accommodate anticipated growth. The Bureau of Sanitation has projected the need for waste disposal capacity based on SCAG's regional population growth projections. The growth associated with Proposed Project is within those projections. Furthermore, projects within the City of Los Angeles must comply with the City's SRRE.

Table III-39
Cumulative Operational Solid Waste Generation

Type of Use	Size	Solid Waste Generation Rate [a] (lbs/unit/day)	Total Solid Waste Generated (lbs/day)
Related Projects			
Dwelling Units [b]	354 du	12.23 lbs/du/day	4,329
Senior Apartment	100 du	12.23 lbs/du/day	1,223
Retail / Commercial (40,000 sf) [c]	104 emp	10.53 lbs/employee/day	1,095
Medical Office	66,000 sf	0.007 lbs/sf/day	462
Schools	6,740 sf	0.006 lbs/sf/day	40
		Related Projects Total:	**7,150**
		Proposed Project Net Total:	2,936
		CUMULATIVE TOTAL:	**10,086**
		Project % of Cumulative:	**29%**

Notes:
sf =square feet; du = dwelling units; emp = employee
Uses not listed are estimated by the closest type of use available in the table.
[a] *L.A. CEQA Thresholds Guide, page M.3-2. Waste generation includes all materials discarded, whether or not they are later recycled or disposed of in a landfill.*
[b] *Dwelling units include condominiums and multi-family residential units.*
[c] *Generation rates are based on 1 employee per 383 square feet of retail/commercial for a conservative estimate.*
Conversions of floor area per occupant based on California Building Code (2013), Ch.10, Table 1004.1.2.
Parker Environmental Consultants, 2016.

As reported by the Bureau of Sanitation in 2009, the City had achieved a waste diversion rate of 65 percent. The City is exceeding the state-mandated diversion goal of 50 percent by 2000 set by the California Integrated Waste Management Act (CIWMA) of 1989.[55] Waste diversion rates are required to increase to 75 percent by 2025 and through on-going development of waste management infrastructure over the last decade and innovative source reduction, reuse, recycling and composting programs have been implemented. These programs include Green Mulching and Composting workshops, black yard trimming recycling cans, the City-owned Central Los Angeles Refuse Transfer Station (CLARTS) and Residential Special Material and Electronics Recycling or S.A.F.E. Centers. New programs are being implemented to increase the amount of waste diverted by the City, including: multi-family recycling, food waste recycling, commercial recycling and technical assistance and support for City departments to help meet their waste reduction and recycling goals. The City is also developing programs to ultimately meet a goal of zero waste by 2030. Thus, the Proposed Project's contribution to cumulative impacts would continue to decrease as it increases waste diversion rates in accordance with City goals. Therefore, the Project's contribution to cumulative solid waste impacts would be less than cumulatively considerable, and cumulative impacts with respect to solid waste would be less than significant.

[55] *City of Los Angeles Department of Public Works Bureau of Sanitation, Overview of Services for FY 2005/06, updated June 14 2005.*

XVIII. MANDATORY FINDINGS OF SIGNIFICANCE

a) Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?

No Impact. A significant impact may occur only if the Proposed Project would have an identified potentially significant impact for any of the above issues. The Proposed Project is located in a densely populated urban area and would have a less than significant impact to biological resources and cultural resources with adherence to regulatory compliance measures discussed above. The Proposed Project would not degrade the quality of the environment, reduce or threaten any fish or wildlife species (endangered or otherwise), or eliminate important examples of the major periods of California history or pre-history. Therefore, no impact would occur.

b) Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects)?

Less Than Significant Impact. A significant impact may occur if the Proposed Project, in conjunction with other three related projects in the area of the Project Site, would result in impacts that would be less than significant when viewed separately, but would be significant when viewed together. As concluded in this analysis, the Proposed Project's incremental contribution to cumulative impacts related to aesthetics, agriculture and forestry resources, air quality, biological resources, cultural quality, hazards and hazardous materials, hydrology and water quality, land use and planning, mineral resources, noise, population and housing, public services, recreation, transportation/traffic, and utilities would be less than significant. As such, the Proposed Project's contribution to cumulative impacts would be less than significant.

c) Does the project have environmental effects, which would cause substantial adverse effects on human beings, either directly or indirectly?

Potentially Significant Unless Mitigation Incorporated. A significant impact may occur if the Proposed Project has the potential to result in significant impacts, as discussed in the preceding sections. Based on the preceding environmental analysis, the Proposed Project would not have significant environmental effects on human beings, either directly or indirectly. As discussed above, the project would not result in any significant impacts upon air quality, either on a regional or localized basis. A Freeway Adjacent health risk assessment concluded acute and chronic health hazard indices would also be under the SCAQMD recommended threshold of 1.0. In addition, with the installation of MERV 13 filtration, as required by Ordinance No. 184,245 (Clean Up Green Up) for all mechanically ventilated buildings within 1,000 feet of a freeway, and the consideration of the additional strategies aimed at improving future occupants' exposure to ambient air quality conditions, the Project would be consistent with the City of Los Angeles Planning Commission ZI No. 2427. With implementation of the applicable

Environmental [Q] Condition No. 7, impacts associated with the future occupant's exposure to ambient air quality would be less than significant. As discussed in the analyses above, potentially significant impacts upon human beings, such as noise, vibration, aesthetics, geotechnical safety, exposure to hazardous conditions and risk of upset, and access to adequate public services would be reduced to less-than-significant levels through the implementation of the applicable mitigation measures identified within this expanded Initial Study analysis.

IV. PREPARERS AND PERSONS CONSULTED

PREPARERS OF THE INITIAL STUDY

Lead Agency

City of Los Angeles
Department of City Planning
200 North Spring Street, Room 621
Los Angeles, California 90012

Michael Sin, Planning Assistant

Project Applicant

ED 1125, LLC
141 W. Avenue 34
Los Angeles, CA 90031

Eric Ortiz
Andy Meyers
Matt Modrzejewski

Environmental Consultants (CEQA)

Parker Environmental Consultants
23822 Valencia Boulevard, Suite 301
Santa Clarita, CA 91355

Shane E. Parker, President
Leanna Williams, Project Manager
Jennifer Kelley, Environmental Analyst
Mariana Zimmermann, Associate Environmental Planner
Elise Lorenzana, Assistant Planner

Land Use Consultant

Three6ixty
4315 Overland Avenue, Suite A
Culver City, California 90230

Dana Sayles
Jessica McBride

Architect

Killefer Flamming Architects
1625 Olympic Boulevard
Santa Monica, CA 90404

Kristyn Cosgrove

Landscape Architect

Land Images
501 N. Larchmont Boulevard
Los Angeles, CA 90004

Scott Van Sooy

Civil Engineer

Forma Engineering Inc.
10814 Reseda Blvd.
Northridge, CA 91326

Mike White

Arborist

The Tree Resource
P.O. Box 49314
Los Angeles, CA 90049

Lisa Smith, Registered Consulting Arborist

Geotechnical Engineers

Geocon West, Inc.
3303 N. San Fernando Blvd, Suite 100
Burbank, CA 91504

Thai La, Staff Engineer
Gerald S. Kasman, CEG 2251
Neal D. Berliner, GE 2576

Environmental Engineer

Orswell & Kasman, Inc.
316 West Foothill Blvd.
Monrovia, CA 91016

James Robert Orswell, ASTM Environmental Professional
Martin A Kasman, Project Manager

Traffic Consultant

Crain & Associates
300 Corporate Pointe, Suite 470
Culver City, CA 90230

Liz Culhane

V. REFERENCES AND ACRONYMS

1. REFERENCES

California Air Resources Board, Final Supplement to the AB 32 Scoping Plan Functional Equivalent Document (FED), Attachment D, August 19, 2011.

California Department of Transportation, Representative Environmental Noise Levels, 1998.

California Department of Transportation, Transportation- and Construction –Induced Vibration Guidance Manual, June 2004.

California Department of Transportation, Technical Noise Supplement, November 2009.

California Environmental Protection Agency, Climate Action Team, Climate Action Team Report to Governor Schwarzenegger and the Legislature, March 2006.

Chiquita Canyon, A Waste Connections Company, website: *http://www.chiquitacanyon.com/2016/08/chiquita-canyon-granted-waiver-continues-operations/,* accessed August 2016.

City of Los Angeles, Air Quality Element of the General Plan, November 24, 1992.

City of Los Angeles, Bureau of Engineering, Navigate LA, website: *http://navigatela.lacity.org*, accessed February 2016.

City of Los Angeles, CEQA Thresholds Guide, 2006.

City of Los Angeles, Citywide General Plan Framework EIR, July 17, 1996.

City of Los Angeles, Department of City Planning, Cornfield Arroyo Seco Specific Plan, website: *http://cityplanning.lacity.org/EIR/CornfieldArroyo/Ord_Adopt/Web00_CASP_Cover_TOC.pdf,* accessed February 2016.

City of Los Angeles, Department of City Planning Demographic Research Unit, City of Los Angeles: 2009 Population Estimate Population by Housing Type, Northeast Los Angeles Community Plan Area, website: *http://cityplanning.lacity.org/DRU/Locl/LocFrame.cfm?geo=CP&loc=NLA&sgo=ct&rpt=PnH&yrx=Y09*, accessed February 2016.

City of Los Angeles, Department of City Planning, Environmental and Public Facilities Maps, September 1996.

City of Los Angeles, Department of City Planning, Environmental and Public Facilities Maps, Critical Facilities & Lifeline Systems in the City of Los Angeles, September 1996.

City of Los Angeles, Department of City Planning, Environmental and Public Facilities Maps: Prehistoric and Historic Archaeological Sites and Survey Areas in the City of Los Angeles, September 1996.

City of Los Angeles Department of City Planning, Environmental and Public Facilities Maps: Vertebrate Paleontological Resources in the City of Los Angeles, September 1996.

City of Los Angeles, Department of City Planning, Parcel Profile Reports, Zoning Information and Map Access System (ZIMAS), *http://www.zimas.lacity.org*, accessed February 2016.

City of Los Angeles, Department of City Planning, The Citywide General Plan Framework, An Element of the City of Los Angeles General Plan, adopted December 11, 1996 and re-adopted August 8, 2001.

City of Los Angeles, Department of City Planning, Los Angeles Historic Resources Inventory, 153 W. Avenue 34 Historic Resource Report, website: *http://www.historicplacesla.org/reports/aeef3669-d0cc-4703-9e2b-c9e78de172a3*, accessed: February 2016.

City of Los Angeles, Department of City Planning, Northeast Los Angeles Community Plan Area Map, website: *http://planning.lacity.org/complan/central/PDF/nlaplanmap.pdf*, accessed February 2016.

City of Los Angeles, Department of City Planning, Northeast Los Angeles Community Plan, website: *http://planning.lacity.org/complan/pdf/nlacptxt.pdf*, accessed February 2016.

City of Los Angeles, Department of City Planning, Mobility Plan 2035: An Element of the General Plan, January 2016.

City of Los Angeles, Department of City Planning, Zoning Information No. 2427 (ZI-2427), November 8, 2012.

City of Los Angeles, Department of City Planning, Zoning Information No. 2452 (ZI-2452), September 2013.

City of Los Angeles Department of Public Works, Bureau of Sanitation, Hyperion Water Reclamation Plant, website: *http://lasewers.org/treatment_plants/hyperion/tour/index.htm*, accessed October 2016.

City of Los Angeles, Department of Public Works, Sanitation Department, Sewer System Management Plan, February 2015.

City of Los Angeles, Department of Recreation and Parks, Facility Locator, website: *http://www.laparks.org/*, accessed February 2016.

City of Los Angeles, Development Best Management Practices Handbook, Low Impact Development Manual, Part B Planning Activities. Fourth Edition, June 2011.

City of Los Angeles, Green Building Code (Ordinance No. 181,480).

City of Los Angeles, Green LA, An Action Plan to Lead the Nation in Fighting Global Warming (LA Green Plan)

City of Los Angeles Municipal Code.

City of Los Angeles, Noise Element of the General Plan, November 24, 1992.

City of Los Angeles, Noise Ordinance (LAMC Section 112.05)

City of Los Angeles, Ordinance 144331 and 161574.

City of Los Angeles, Ordinance 175038.

City of Los Angeles ,Ordinance 179280. CPC-2006-5242-ZC-GPA.

City of Los Angeles, Public Library, Hours and Locations, website: *http://www.lapl.org/branches*, accessed February 2016.

City of Los Angeles, Safety Element of the Los Angeles City General Plan, Exhibit G, Inundation & Tsunami Hazard Areas, March 1994.

County of Los Angeles Department of Public Works, *2014 Annual Report, Los Angeles Countywide Integrated Waste Management Plan*, December 2015.

Federal Emergency Management Agency (FEMA), Flood Insurance Rate Map, Los Angeles County, California and Incorporated Areas, Map number 06037C1629F, September 26, 2008.

Federal Transit Administration (Harris Miller Miller & Hanson), Transit Noise and Vibration Impact Assessment, May 2006.

Green LA: An Action Plan to Lead the Nation In Fighting Global Warming. City of Los Angeles, May 2007.

Institute of Transportation Engineers, Trip Generation Manual – 9th Edition, 2012.

Intergovernmental Panel on Climate Change, Second Assessment Report, 1996.

Los Angeles County Department of Public Work, Disaster Route Maps by City, City of Los Angeles – Central Area Map, website: *http://dpw.lacounty.gov/dsg/DisasterRoutes/city.cfm*, accessed February 2016.

Los Angeles County Congestion Management Plan (CMP), 2010.

Los Angeles Department of Water and Power, Urban Water Management Plan, 2015.

Los Angeles Department of Water and Power, website:

http://wsoweb.ladwp.com/Aqueduct/historyoflaa/waterquality.htm, accessed February 2016.

Los Angeles Police Department, COMPSTAT Unit, Hollenbeck Area Profile, accessed February 2016.

Los Angeles Unified School District, Residential Development School Fee Justification Study, Table 5, February 25, 2008.

Los Angeles Unified School District, Resident School Identifier, website: *http://rsi.lausd.net/ResidentSchoolIdentifier/,* accessed February 2016.

National Cooperative Highway Research Program Report 117, Highway Noise: A Design Guide for Highway Engineers, 1971.

Senate Bill 97 (SB 97), August 2007.

Senate Bill 375, September 2008.

Senate Bill 743, September 2013.

South Coast Air Quality Management District, 2012 Air Quality Management Plan, February 2013.

South Coast Air Quality Management District, Air Quality Significance Thresholds, Revision March 2015, website: *http://www.aqmd.gov/docs/default-source/ceqa/handbook/scaqmd-air-quality-significance-thresholds.pdf?sfvrsn=2,* accessed February 2016.

South Coast Air Quality Management District, California Emissions Estimator Model (CalEEMod Version 2013.2.2), 2013.

South Coast Air Quality Management District, CEQA Air Quality Handbook, 1993, page 5-1

South Coast Air Quality Management District, Final Localized Significance Threshold Methodology, June 2003, Revised July 2008.

Southern California Association of Governments, Regional Comprehensive Plan and Guide.

Southern California Association of Governments, 2016-2040 RTP/SCS Growth Forecast, April 2016.

Southern California Association of Governments, 2016-2040 RTP/SCS Growth Forecast, Demographics and Growth Forecast Appendix, April 2016.

State of California Department of Conservation, Division of Land Resource Protection, Farmland Mapping and Monitoring Program, Los Angeles County Important Farmland 2014, Map. *ftp://ftp.consrv.ca.gov/pub/dlrp/FMMP/pdf/2014/los14.pdf,* accessed October 2016.

State of California Department of Conservation, State of California Williamson Act Contract Land Map 2015-2016, website: *http://www.conservation.ca.gov/dlrp/lca*, accessed October 2016.

State of California, Department of Conservation, Los Angeles 7 ½ -Minute Quadrangle Seismic Hazard Zones Map, March 25, 1999.

Stormwater LID Ordinance (No. 181899), 2011.

Title 24 of the California Code of Regulations.

United States Census Bureau: State and County QuickFacts. Data derived from Population Estimates, American Community Survey, Census of Population and Housing, County Business Patterns, Economic Census, Survey of Business Owners, Building Permits, Census of Governments, Last Revised: Wednesday, 22-Apr-2015.

United States Census Bureau, 2010 Census Interactive Population Map, website: http://www.census.gov/2010census/popmap/, accessed February 2016.

United States Environmental Protection Agency, Noise from Construction Equipment and Operations, Building Equipment and Home Appliances, PB 206717, 1971.

USEPA Report No. EPA530-98-010. *Characterization of Building Related Construction and Demolition Debris in the United States,* June 1998, page A-1

United States Green Building Council, Building Area per Employee by Business Type, May 13, 2008.

2. ACRONYMS AND ABBREVIATIONS

AAM	Annual Arithmetic Mean
AB	Assembly Bill
ACM	Asbestos-containing materials
AEP	Association of Environmental Professionals
AFY	Acre-feet per year
APN	Assessor Parcel Number
AQMP	Air Quality Management Plan
ASTM	American Society of Testing and Materials
ASTs	above-ground storage tanks
ATCS	Adaptive Traffic Control System
Basin	South Coast Air Basin
BMPs	Best Management Practices
C/D	construction/demolition
CAA	Clean Air Act
CAAQS	California ambient air quality standards
Cal/EPA	California Environmental Protection Agency
CAPCOA	California Air Pollution Control Officers Association
CARB	California Air Resources Board
CASP	Cornfield Arroyo Seco Specific Plan
CAT	Climate Action Team
CBC	California Building Code (2007)
CCAA	California Clean Air Act
CCAR	California Climate Action Registry
CCR	California Code of Regulations
CDFG	California Department of Fish and Game
CDMG	California Division of Mines and Geology
CEC	California Energy Commission
CEQA	California Environmental Quality Act
CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Information System
Cf	Cubic feet
CFC	Chlorofluorocarbons
CGS	California Geological Survey
CH_4	Methane
CHMIRS	California Hazardous Material Incident Report System
CiSWMPP	City of Los Angeles Solid Waste Management Policy Plan
City Zoning Code	City of Los Angeles Planning and Zoning Code
CMP	Congestion Management Plan
CNEL	Community Noise Exposure Level
CO	carbon monoxide

CO_2	carbon dioxide
CO2e	carbon dioxide equivalent
COHb	carboxyhemoglobin
COPC	Chemical of Potential Concern
CORRACTS	Corrective Action Treatment, Storage, and Disposal Facilities
CPA	Community Plan Area
CPT	cone penetrometer test
CPU	Crime Prevention Unit
CRA/LA	Community Redevelopment Agency of the City of Los Angeles
CWA	Clean Water Act
CWC	California Water Code
cy	cubic yards
dB	decibel
dBA	A-weighted decibel scale
d/D	flow level
DHS	California Department of Health and Services
DWP	Department of Water and Power
DWR	California Department of Water Resources
du	dwelling unit
EIR	Environmental Impact Report
EMS	Emergency Medical Service
EOO	Emergency Operations Organization
EPA	Environmental Protection Agency
ERNS	Emergency Response Notification System
EZ	Los Angeles State Enterprise Zone
FAR	Floor Area Ratio
FCAA	Federal Clean Air Act
FEMA	Federal Emergency Management Agency
FHWA	Federal Highway Administration
GBCI	Green Building Certification Institute
GHG	greenhouse gas
gpd	gallons per day
gpm	gallons per minute
GWP	Global Warming Potential
HFC	hydrofluorocarbons
HSA	Hyperion Service Area
HTP	Hyperion Treatment Plant
HVAC	Heating, Ventilation and Air Conditioning
I-10	Santa Monica Freeway
I-101	Hollywood Freeway
ISO	Interim Control Ordinance
ITE	Institute of Transportation Engineers

km	kilometers
kV	kilovolt
kWh	kilowatt-hours
LAA	Los Angeles Aqueduct
LABS	Los Angeles Department of Public Works Bureau of Sanitation
LADBS	Los Angeles Department of Building and Safety
LADOT	Los Angeles Department of Transportation
LADRP	Los Angeles Department of Recreation and Parks
LADWP	Los Angeles Department of Water and Power
LAFD	Los Angeles Fire Department
LAMC	Los Angeles Municipal Code
LAPD	Los Angeles Police Department
LAPL	Los Angeles Public Library
LARWQCB	Los Angeles Regional Water Quality Control Board
LAUSD	Los Angeles Unified School District
LBP	Lead-based paint
lbs/day	pounds per day
LCFS	Low Carbon Fuel Standard
L_{dn}	day-night average noise level
LEED	Leadership in Energy and Environmental Design
L_{eq}	equivalent energy noise level/ambient noise level
LOS	Level of Service
LST	localized significance thresholds
LUST	leaking underground storage tank
LUTP	Land Use/Transportation Policy
MBTA	Migratory Bird Treaty Act
MCE	Maximum Considered Earthquake
MEP	maximum extent practicable
Metro	Los Angeles County Metropolitan Transit Authority
mgd	million gallons per day
mi	miles
MPO	Metropolitan Planning Organization
MS4	medium and large municipal separate storm sewer systems
msl	mean sea level
mm	millimeters
M_{max}	maximum moment magnitude
MTA	Metropolitan Transportation Authority
MWD	Metropolitan Water District
MWh	Mega-Watt hours
N_2O	nitrous oxide
NAAQS	National ambient air quality standards
NFRAP	No Further Remedial Action Planned Sites

NO_2	nitrogen dioxide
NOP	Notice of Preparation
NOx	nitrogen oxides
NPDES	National Pollutant Discharge Elimination System
NPL	National Priorities List
O_3	Ozone
OAL	California Office of Administrative Law
OPR	Office of Planning and Research
Pb	lead
PEC	Potential environmental concern
PFC	perfluorocarbons
PGA	peak horizontal ground acceleration
PM	particulate matter
PM_{10}	respirable particulate matter
$PM_{2.5}$	fine particulate matter
ppd	pounds per day
ppm	parts per million
PRC	Public Resources Code
PSI	pounds per square inch
PUC	Public Utilities Commission (also see CPUC)
PWS	Public water suppliers
RCP	Regional Comprehensive Plan
RCPG	Regional Comprehensive Plan and Guide
RCRA	Resource Conservation Recovery Act
RD	Reporting District
REC	Recognized Environmental Condition
ROG	Reactive Organic Gases
RTP	Regional Transportation Plan
RWQCB	Regional Water Quality Control Board
SB	Senate Bill
SCAB	South Coast Air Basin
SCAG	Southern California Association of Governments
SCAQMD	South Coast Air Quality Management District
SCG	Southern California Gas Company
SCH	State Clearinghouse
sf	square feet
SF_6	sulfur hexafluoride
SIP	State Implementation Plan
SLIC	Spills, Leaks, Investigation and Cleanup
SO_2	sulfur dioxide
SO_4	sulfates
SOx	sulfur oxides

SOPA	Society of Professional Archeologist
SPT	Standard Penetration Test
SR-110	Harbor Freeway
SRA	source receptor area
SRRE	Source Reduction and Recycling Element
SWAT	Solid Waste Assessment Test
SWF/LF	Solid Waste Information System
SWFP	Solid Waste Facility Permit
SWMP	Stormwater Management Plan
SWP	State Water Project
SWPPP	Storm Water Pollution Prevention Plan
SWRCB	State Water Resource Control Board
TAC	Toxic Air Contaminants
TOD	Transit Oriented District
TPH	total petroleum hydrocarbons
TSD	Treatment, Storage, and Disposal
TSP	Transportation Specific Plan
ULSD	Ultra Low Sulfur Diesel
US-101	Hollywood Freeway
USEPA/ U.S. EPA	United States Environmental Protection Agency
USFWS	United States Fish and Wildlife Service
USGBC	United States Green Building Council
USGS	U.S. Geological Survey
UST	underground storage tank
UWMP	Urban Water Management Plan
V/C	Volume-to-Capacity
VCP	Voluntary Cleanup Plan
VdB	Vibration decibels
VMT	Vehicle Miles Traveled
VOC	Volatile Organic Compound
WMA	Watershed Management Area
WMUDS	Waste Management Unit Database System
WSA	Water Supply Assessment
µg/m3	micrograms per cubic meter
ZIMAS	Zoning Information and Map Access System

Avenue 34 Mixed-Use Modified Project

South Coast AQMD Air District, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Enclosed Parking with Elevator	401.00	Space	0.00	160,400.00	0
Apartments Mid Rise	468.00	Dwelling Unit	5.03	503,434.00	1338
Strip Mall	16.44	1000sqft	0.00	16,395.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	12			**Operational Year**	2022
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	1227.89	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Avenue 34 Mixed-Use Modified Project - South Coast AQMD Air District, Winter

Project Characteristics -

Land Use - 5.03 ac. lot. 468 apartments 503,434 sf. 16,395 sf retail. 401 parking spaes

Construction Phase - demo 45, grading 70, building 525, paving 20, coating 85

Off-road Equipment - 2 compressors

Off-road Equipment -

Off-road Equipment -

Off-road Equipment - 2 excavators, 2 dozers, 5 backhoes

Off-road Equipment -

Demolition - 6,000 tons demo debris

Grading - 91,000 cy export. 5.03 ac

Vehicle Trips - Trip generation per traffic letter 6/13/2019

Woodstoves - No hearths

Construction Off-road Equipment Mitigation -

Mobile Land Use Mitigation -

Area Mitigation -

Energy Mitigation -

Water Mitigation -

Waste Mitigation -

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	20.00	85.00
tblConstructionPhase	NumDays	230.00	525.00
tblConstructionPhase	NumDays	20.00	45.00
tblConstructionPhase	NumDays	20.00	70.00
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00

tblFireplaces	NumberGas	397.80	0.00
tblFireplaces	NumberNoFireplace	46.80	0.00
tblFireplaces	NumberWood	23.40	0.00
tblGrading	AcresOfGrading	35.00	5.03
tblGrading	MaterialExported	0.00	91,000.00
tblLandUse	LandUseSquareFeet	468,000.00	503,434.00
tblLandUse	LandUseSquareFeet	16,440.00	16,395.00
tblLandUse	LotAcreage	3.61	0.00
tblLandUse	LotAcreage	12.32	5.03
tblLandUse	LotAcreage	0.38	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	5.00
tblTripsAndVMT	WorkerTripNumber	25.00	15.00
tblVehicleTrips	ST_TR	6.39	5.08
tblVehicleTrips	ST_TR	42.04	32.75
tblVehicleTrips	SU_TR	5.86	5.08
tblVehicleTrips	SU_TR	20.43	32.75
tblVehicleTrips	WD_TR	6.65	5.08
tblVehicleTrips	WD_TR	44.32	32.75
tblWoodstoves	NumberCatalytic	23.40	0.00
tblWoodstoves	NumberNoncatalytic	23.40	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	5.5160	89.1818	38.0364	0.1748	15.2746	2.3575	17.6321	7.4736	2.1742	9.6478	0.0000	18,334.1310	18,334.1310	2.5114	0.0000	18,396.9147
2021	4.0232	26.1716	32.4562	0.0891	5.0884	1.0080	6.0965	1.3610	0.9473	2.3083	0.0000	8,889.5487	8,889.5487	0.8696	0.0000	8,911.2899
2022	40.1378	23.8488	31.0668	0.0874	5.0884	0.8554	5.9438	1.3610	0.8043	2.1653	0.0000	8,719.6677	8,719.6677	0.8492	0.0000	8,740.8985
Maximum	**40.1378**	**89.1818**	**38.0364**	**0.1748**	**15.2746**	**2.3575**	**17.6321**	**7.4736**	**2.1742**	**9.6478**	**0.0000**	**18,334.1310**	**18,334.1310**	**2.5114**	**0.0000**	**18,396.9147**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	5.5160	89.1818	38.0364	0.1748	8.5275	2.3575	10.8851	3.8156	2.1742	5.9898	0.0000	18,334.1310	18,334.1310	2.5114	0.0000	18,396.9147
2021	4.0232	26.1716	32.4562	0.0891	5.0884	1.0080	6.0965	1.3610	0.9473	2.3083	0.0000	8,889.5487	8,889.5487	0.8696	0.0000	8,911.2899
2022	40.1378	23.8488	31.0668	0.0874	5.0884	0.8554	5.9438	1.3610	0.8043	2.1653	0.0000	8,719.6677	8,719.6677	0.8492	0.0000	8,740.8985
Maximum	**40.1378**	**89.1818**	**38.0364**	**0.1748**	**8.5275**	**2.3575**	**10.8851**	**3.8156**	**2.1742**	**5.9898**	**0.0000**	**18,334.1310**	**18,334.1310**	**2.5114**	**0.0000**	**18,396.9147**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**26.51**	**0.00**	**22.74**	**35.88**	**0.00**	**25.90**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	12.4378	0.4462	38.6949	2.0400e-003		0.2137	0.2137		0.2137	0.2137	0.0000	69.6139	69.6139	0.0673	0.0000	71.2967
Energy	0.1526	1.3044	0.5581	8.3200e-003		0.1054	0.1054		0.1054	0.1054		1,664.6820	1,664.6820	0.0319	0.0305	1,674.5744
Mobile	4.6520	25.2473	59.1339	0.2254	19.4529	0.1823	19.6352	5.2048	0.1702	5.3750		22,962.9454	22,962.9454	1.1291		22,991.1718
Total	**17.2424**	**26.9979**	**98.3868**	**0.2357**	**19.4529**	**0.5015**	**19.9543**	**5.2048**	**0.4893**	**5.6941**	**0.0000**	**24,697.2413**	**24,697.2413**	**1.2283**	**0.0305**	**24,737.0429**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	12.4378	0.4462	38.6949	2.0400e-003		0.2137	0.2137		0.2137	0.2137	0.0000	69.6139	69.6139	0.0673	0.0000	71.2967
Energy	0.1526	1.3044	0.5581	8.3200e-003		0.1054	0.1054		0.1054	0.1054		1,664.6820	1,664.6820	0.0319	0.0305	1,674.5744
Mobile	3.8788	19.6209	40.0033	0.1399	11.5907	0.1159	11.7066	3.1012	0.1081	3.2093		14,262.9311	14,262.9311	0.7746		14,282.2961
Total	**16.4692**	**21.3715**	**79.2562**	**0.1502**	**11.5907**	**0.4351**	**12.0257**	**3.1012**	**0.4273**	**3.5285**	**0.0000**	**15,997.2270**	**15,997.2270**	**0.8738**	**0.0305**	**16,028.1672**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**4.48**	**20.84**	**19.44**	**36.27**	**40.42**	**13.24**	**39.73**	**40.42**	**12.68**	**38.03**	**0.00**	**35.23**	**35.23**	**28.86**	**0.00**	**35.21**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/6/2020	3/6/2020	5	45	
2	Grading	Grading	3/9/2020	6/12/2020	5	70	
3	Building Construction	Building Construction	6/15/2020	6/17/2022	5	525	
4	Paving	Paving	6/20/2022	7/15/2022	5	20	
5	Architectural Coating	Architectural Coating	7/18/2022	11/11/2022	5	85	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 5.03

Acres of Paving: 0

Residential Indoor: 1,019,454; Residential Outdoor: 339,818; Non-Residential Indoor: 24,593; Non-Residential Outdoor: 8,198; Striped Parking Area: 9,624 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	2	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	5	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	2	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	593.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	10	15.00	0.00	11,375.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	410.00	79.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	2	82.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.8532	0.0000	2.8532	0.4320	0.0000	0.4320			0.0000			0.0000
Off-Road	3.3121	33.2010	21.7532	0.0388		1.6587	1.6587		1.5419	1.5419		3,747.7049	3,747.7049	1.0580		3,774.1536
Total	**3.3121**	**33.2010**	**21.7532**	**0.0388**	**2.8532**	**1.6587**	**4.5119**	**0.4320**	**1.5419**	**1.9739**		**3,747.7049**	**3,747.7049**	**1.0580**		**3,774.1536**

3.2 Demolition - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1030	3.6323	0.7682	0.0100	0.2303	0.0117	0.2420	0.0631	0.0112	0.0743		1,084.3968	1,084.3968	0.0774		1,086.3305
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0740	0.0500	0.5521	1.6100e-003	0.1677	1.2700e-003	0.1689	0.0445	1.1700e-003	0.0456		160.5547	160.5547	4.6000e-003		160.6699
Total	**0.1770**	**3.6822**	**1.3203**	**0.0116**	**0.3979**	**0.0130**	**0.4110**	**0.1076**	**0.0124**	**0.1200**		**1,244.9515**	**1,244.9515**	**0.0820**		**1,247.0004**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.2839	0.0000	1.2839	0.1944	0.0000	0.1944			0.0000			0.0000
Off-Road	3.3121	33.2010	21.7532	0.0388		1.6587	1.6587		1.5419	1.5419	0.0000	3,747.7049	3,747.7049	1.0580		3,774.1536
Total	**3.3121**	**33.2010**	**21.7532**	**0.0388**	**1.2839**	**1.6587**	**2.9426**	**0.1944**	**1.5419**	**1.7363**	**0.0000**	**3,747.7049**	**3,747.7049**	**1.0580**		**3,774.1536**

3.2 Demolition - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1030	3.6323	0.7682	0.0100	0.2303	0.0117	0.2420	0.0631	0.0112	0.0743		1,084.3968	1,084.3968	0.0774		1,086.3305
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0740	0.0500	0.5521	1.6100e-003	0.1677	1.2700e-003	0.1689	0.0445	1.1700e-003	0.0456		160.5547	160.5547	4.6000e-003		160.6699
Total	**0.1770**	**3.6822**	**1.3203**	**0.0116**	**0.3979**	**0.0130**	**0.4110**	**0.1076**	**0.0124**	**0.1200**		**1,244.9515**	**1,244.9515**	**0.0820**		**1,247.0004**

3.3 Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					12.2674	0.0000	12.2674	6.6510	0.0000	6.6510			0.0000			0.0000
Off-Road	4.1723	44.3410	28.0118	0.0496		2.2115	2.2115		2.0346	2.0346		4,801.4831	4,801.4831	1.5529		4,840.3055
Total	**4.1723**	**44.3410**	**28.0118**	**0.0496**	**12.2674**	**2.2115**	**14.4789**	**6.6510**	**2.0346**	**8.6855**		**4,801.4831**	**4,801.4831**	**1.5529**		**4,840.3055**

3.3 Grading - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.2697	44.7908	9.4724	0.1237	2.8396	0.1447	2.9843	0.7782	0.1385	0.9167		13,372.0932	13,372.0932	0.9539		13,395.9394
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0740	0.0500	0.5521	1.6100e-003	0.1677	1.2700e-003	0.1689	0.0445	1.1700e-003	0.0456		160.5547	160.5547	4.6000e-003		160.6699
Total	**1.3437**	**44.8408**	**10.0246**	**0.1253**	**3.0072**	**0.1460**	**3.1532**	**0.8227**	**0.1397**	**0.9623**		**13,532.6479**	**13,532.6479**	**0.9585**		**13,556.6092**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.5203	0.0000	5.5203	2.9929	0.0000	2.9929			0.0000			0.0000
Off-Road	4.1723	44.3410	28.0118	0.0496		2.2115	2.2115		2.0346	2.0346	0.0000	4,801.4831	4,801.4831	1.5529		4,840.3055
Total	**4.1723**	**44.3410**	**28.0118**	**0.0496**	**5.5203**	**2.2115**	**7.7318**	**2.9929**	**2.0346**	**5.0275**	**0.0000**	**4,801.4831**	**4,801.4831**	**1.5529**		**4,840.3055**

3.3 Grading - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.2697	44.7908	9.4724	0.1237	2.8396	0.1447	2.9843	0.7782	0.1385	0.9167		13,372.0932	13,372.0932	0.9539		13,395.9394
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0740	0.0500	0.5521	1.6100e-003	0.1677	1.2700e-003	0.1689	0.0445	1.1700e-003	0.0456		160.5547	160.5547	4.6000e-003		160.6699
Total	**1.3437**	**44.8408**	**10.0246**	**0.1253**	**3.0072**	**0.1460**	**3.1532**	**0.8227**	**0.1397**	**0.9623**		**13,532.6479**	**13,532.6479**	**0.9585**		**13,556.6092**

3.4 Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1198	19.1860	16.8485	0.0269		1.1171	1.1171		1.0503	1.0503		2,553.0631	2,553.0631	0.6229		2,568.6345
Total	**2.1198**	**19.1860**	**16.8485**	**0.0269**		**1.1171**	**1.1171**		**1.0503**	**1.0503**		**2,553.0631**	**2,553.0631**	**0.6229**		**2,568.6345**

3.4 Building Construction - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.2718	8.2813	2.2008	0.0198	0.5056	0.0417	0.5473	0.1456	0.0399	0.1854		2,105.4512	2,105.4512	0.1462		2,109.1061
Worker	2.0232	1.3653	15.0916	0.0441	4.5828	0.0348	4.6176	1.2154	0.0320	1.2474		4,388.4963	4,388.4963	0.1259		4,391.6427
Total	**2.2950**	**9.6466**	**17.2924**	**0.0638**	**5.0884**	**0.0764**	**5.1649**	**1.3610**	**0.0719**	**1.4329**		**6,493.9475**	**6,493.9475**	**0.2721**		**6,500.7489**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1198	19.1860	16.8485	0.0269		1.1171	1.1171		1.0503	1.0503	0.0000	2,553.0631	2,553.0631	0.6229		2,568.6345
Total	**2.1198**	**19.1860**	**16.8485**	**0.0269**		**1.1171**	**1.1171**		**1.0503**	**1.0503**	**0.0000**	**2,553.0631**	**2,553.0631**	**0.6229**		**2,568.6345**

3.4 Building Construction - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.2718	8.2813	2.2008	0.0198	0.5056	0.0417	0.5473	0.1456	0.0399	0.1854		2,105.4512	2,105.4512	0.1462		2,109.1061
Worker	2.0232	1.3653	15.0916	0.0441	4.5828	0.0348	4.6176	1.2154	0.0320	1.2474		4,388.4963	4,388.4963	0.1259		4,391.6427
Total	**2.2950**	**9.6466**	**17.2924**	**0.0638**	**5.0884**	**0.0764**	**5.1649**	**1.3610**	**0.0719**	**1.4329**		**6,493.9475**	**6,493.9475**	**0.2721**		**6,500.7489**

3.4 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013		2,553.3639	2,553.3639	0.6160		2,568.7643
Total	**1.9009**	**17.4321**	**16.5752**	**0.0269**		**0.9586**	**0.9586**		**0.9013**	**0.9013**		**2,553.3639**	**2,553.3639**	**0.6160**		**2,568.7643**

3.4 Building Construction - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.2314	7.5108	2.0008	0.0196	0.5056	0.0157	0.5213	0.1456	0.0150	0.1605		2,089.9465	2,089.9465	0.1398		2,093.4424
Worker	1.8909	1.2287	13.8802	0.0426	4.5828	0.0337	4.6166	1.2154	0.0311	1.2465		4,246.2383	4,246.2383	0.1138		4,249.0833
Total	**2.1223**	**8.7395**	**15.8810**	**0.0622**	**5.0884**	**0.0494**	**5.1378**	**1.3610**	**0.0461**	**1.4070**		**6,336.1848**	**6,336.1848**	**0.2536**		**6,342.5257**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013	0.0000	2,553.3639	2,553.3639	0.6160		2,568.7643
Total	**1.9009**	**17.4321**	**16.5752**	**0.0269**		**0.9586**	**0.9586**		**0.9013**	**0.9013**	**0.0000**	**2,553.3639**	**2,553.3639**	**0.6160**		**2,568.7643**

3.4 Building Construction - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.2314	7.5108	2.0008	0.0196	0.5056	0.0157	0.5213	0.1456	0.0150	0.1605		2,089.9465	2,089.9465	0.1398		2,093.4424
Worker	1.8909	1.2287	13.8802	0.0426	4.5828	0.0337	4.6166	1.2154	0.0311	1.2465		4,246.2383	4,246.2383	0.1138		4,249.0833
Total	**2.1223**	**8.7395**	**15.8810**	**0.0622**	**5.0884**	**0.0494**	**5.1378**	**1.3610**	**0.0461**	**1.4070**		**6,336.1848**	**6,336.1848**	**0.2536**		**6,342.5257**

3.4 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322
Total	**1.7062**	**15.6156**	**16.3634**	**0.0269**		**0.8090**	**0.8090**		**0.7612**	**0.7612**		**2,554.3336**	**2,554.3336**	**0.6120**		**2,569.6322**

3.4 Building Construction - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.2171	7.1236	1.8920	0.0194	0.5056	0.0136	0.5192	0.1456	0.0130	0.1586		2,071.3344	2,071.3344	0.1345		2,074.6974
Worker	1.7783	1.1096	12.8114	0.0411	4.5828	0.0328	4.6156	1.2154	0.0302	1.2456		4,093.9997	4,093.9997	0.1028		4,096.5689
Total	**1.9954**	**8.2332**	**14.7034**	**0.0605**	**5.0884**	**0.0464**	**5.1348**	**1.3610**	**0.0432**	**1.4041**		**6,165.3341**	**6,165.3341**	**0.2373**		**6,171.2663**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322
Total	**1.7062**	**15.6156**	**16.3634**	**0.0269**		**0.8090**	**0.8090**		**0.7612**	**0.7612**	**0.0000**	**2,554.3336**	**2,554.3336**	**0.6120**		**2,569.6322**

3.4 Building Construction - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.2171	7.1236	1.8920	0.0194	0.5056	0.0136	0.5192	0.1456	0.0130	0.1586		2,071.3344	2,071.3344	0.1345		2,074.6974
Worker	1.7783	1.1096	12.8114	0.0411	4.5828	0.0328	4.6156	1.2154	0.0302	1.2456		4,093.9997	4,093.9997	0.1028		4,096.5689
Total	**1.9954**	**8.2332**	**14.7034**	**0.0605**	**5.0884**	**0.0464**	**5.1348**	**1.3610**	**0.0432**	**1.4041**		**6,165.3341**	**6,165.3341**	**0.2373**		**6,171.2663**

3.5 Paving - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225		2,207.6603	2,207.6603	0.7140		2,225.5104
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.1028**	**11.1249**	**14.5805**	**0.0228**		**0.5679**	**0.5679**		**0.5225**	**0.5225**		**2,207.6603**	**2,207.6603**	**0.7140**		**2,225.5104**

3.5 Paving - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0651	0.0406	0.4687	1.5000e-003	0.1677	1.2000e-003	0.1689	0.0445	1.1000e-003	0.0456		149.7805	149.7805	3.7600e-003		149.8745
Total	**0.0651**	**0.0406**	**0.4687**	**1.5000e-003**	**0.1677**	**1.2000e-003**	**0.1689**	**0.0445**	**1.1000e-003**	**0.0456**		**149.7805**	**149.7805**	**3.7600e-003**		**149.8745**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225	0.0000	2,207.6603	2,207.6603	0.7140		2,225.5104
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.1028**	**11.1249**	**14.5805**	**0.0228**		**0.5679**	**0.5679**		**0.5225**	**0.5225**	**0.0000**	**2,207.6603**	**2,207.6603**	**0.7140**		**2,225.5104**

3.5 Paving - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0651	0.0406	0.4687	1.5000e-003	0.1677	1.2000e-003	0.1689	0.0445	1.1000e-003	0.0456		149.7805	149.7805	3.7600e-003		149.8745
Total	**0.0651**	**0.0406**	**0.4687**	**1.5000e-003**	**0.1677**	**1.2000e-003**	**0.1689**	**0.0445**	**1.1000e-003**	**0.0456**		**149.7805**	**149.7805**	**3.7600e-003**		**149.8745**

3.6 Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	39.3730					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4091	2.8170	3.6272	5.9400e-003		0.1634	0.1634		0.1634	0.1634		562.8961	562.8961	0.0367		563.8123
Total	**39.7821**	**2.8170**	**3.6272**	**5.9400e-003**		**0.1634**	**0.1634**		**0.1634**	**0.1634**		**562.8961**	**562.8961**	**0.0367**		**563.8123**

3.6 Architectural Coating - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3557	0.2219	2.5623	8.2100e-003	0.9166	6.5500e-003	0.9231	0.2431	6.0400e-003	0.2491		818.8000	818.8000	0.0206		819.3138
Total	**0.3557**	**0.2219**	**2.5623**	**8.2100e-003**	**0.9166**	**6.5500e-003**	**0.9231**	**0.2431**	**6.0400e-003**	**0.2491**		**818.8000**	**818.8000**	**0.0206**		**819.3138**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	39.3730					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4091	2.8170	3.6272	5.9400e-003		0.1634	0.1634		0.1634	0.1634	0.0000	562.8961	562.8961	0.0367		563.8123
Total	**39.7821**	**2.8170**	**3.6272**	**5.9400e-003**		**0.1634**	**0.1634**		**0.1634**	**0.1634**	**0.0000**	**562.8961**	**562.8961**	**0.0367**		**563.8123**

3.6 Architectural Coating - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3557	0.2219	2.5623	8.2100e-003	0.9166	6.5500e-003	0.9231	0.2431	6.0400e-003	0.2491		818.8000	818.8000	0.0206		819.3138
Total	**0.3557**	**0.2219**	**2.5623**	**8.2100e-003**	**0.9166**	**6.5500e-003**	**0.9231**	**0.2431**	**6.0400e-003**	**0.2491**		**818.8000**	**818.8000**	**0.0206**		**819.3138**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Increase Density

Increase Transit Accessibility

Integrate Below Market Rate Housing

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	3.8788	19.6209	40.0033	0.1399	11.5907	0.1159	11.7066	3.1012	0.1081	3.2093		14,262.9311	14,262.9311	0.7746		14,282.2961
Unmitigated	4.6520	25.2473	59.1339	0.2254	19.4529	0.1823	19.6352	5.2048	0.1702	5.3750		22,962.9454	22,962.9454	1.1291		22,991.1718

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	2,377.44	2,377.44	2377.44	8,124,074	4,840,600
Enclosed Parking with Elevator	0.00	0.00	0.00		
Strip Mall	538.41	538.41	538.41	1,024,376	610,358
Total	2,915.85	2,915.85	2,915.85	9,148,450	5,450,958

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	45	40	15

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.549559	0.042893	0.201564	0.118533	0.015569	0.005846	0.021394	0.034255	0.002099	0.001828	0.004855	0.000709	0.000896
Enclosed Parking with Elevator	0.549559	0.042893	0.201564	0.118533	0.015569	0.005846	0.021394	0.034255	0.002099	0.001828	0.004855	0.000709	0.000896
Strip Mall	0.549559	0.042893	0.201564	0.118533	0.015569	0.005846	0.021394	0.034255	0.002099	0.001828	0.004855	0.000709	0.000896

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

Install High Efficiency Lighting

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.1526	1.3044	0.5581	8.3200e-003		0.1054	0.1054		0.1054	0.1054		1,664.6820	1,664.6820	0.0319	0.0305	1,674.5744
NaturalGas Unmitigated	0.1526	1.3044	0.5581	8.3200e-003		0.1054	0.1054		0.1054	0.1054		1,664.6820	1,664.6820	0.0319	0.0305	1,674.5744

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Mid Rise	14076.1	0.1518	1.2972	0.5520	8.2800e-003		0.1049	0.1049		0.1049	0.1049		1,656.0156	1,656.0156	0.0317	0.0304	1,665.8564
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Strip Mall	73.6652	7.9000e-004	7.2200e-003	6.0700e-003	4.0000e-005		5.5000e-004	5.5000e-004		5.5000e-004	5.5000e-004		8.6665	8.6665	1.7000e-004	1.6000e-004	8.7180
Total		**0.1526**	**1.3044**	**0.5581**	**8.3200e-003**		**0.1054**	**0.1054**		**0.1054**	**0.1054**		**1,664.6820**	**1,664.6820**	**0.0319**	**0.0305**	**1,674.5744**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Mid Rise	14.0761	0.1518	1.2972	0.5520	8.2800e-003		0.1049	0.1049		0.1049	0.1049		1,656.0156	1,656.0156	0.0317	0.0304	1,665.8564
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Strip Mall	0.0736652	7.9000e-004	7.2200e-003	6.0700e-003	4.0000e-005		5.5000e-004	5.5000e-004		5.5000e-004	5.5000e-004		8.6665	8.6665	1.7000e-004	1.6000e-004	8.7180
Total		**0.1526**	**1.3044**	**0.5581**	**8.3200e-003**		**0.1054**	**0.1054**		**0.1054**	**0.1054**		**1,664.6820**	**1,664.6820**	**0.0319**	**0.0305**	**1,674.5744**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

No Hearths Installed

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	12.4378	0.4462	38.6949	2.0400e-003		0.2137	0.2137		0.2137	0.2137	0.0000	69.6139	69.6139	0.0673	0.0000	71.2967
Unmitigated	12.4378	0.4462	38.6949	2.0400e-003		0.2137	0.2137		0.2137	0.2137	0.0000	69.6139	69.6139	0.0673	0.0000	71.2967

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.9169					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	10.3494					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.1714	0.4462	38.6949	2.0400e-003		0.2137	0.2137		0.2137	0.2137		69.6139	69.6139	0.0673		71.2967
Total	**12.4378**	**0.4462**	**38.6949**	**2.0400e-003**		**0.2137**	**0.2137**		**0.2137**	**0.2137**	**0.0000**	**69.6139**	**69.6139**	**0.0673**	**0.0000**	**71.2967**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.9169					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	10.3494					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.1714	0.4462	38.6949	2.0400e-003		0.2137	0.2137		0.2137	0.2137		69.6139	69.6139	0.0673		71.2967
Total	**12.4378**	**0.4462**	**38.6949**	**2.0400e-003**		**0.2137**	**0.2137**		**0.2137**	**0.2137**	**0.0000**	**69.6139**	**69.6139**	**0.0673**	**0.0000**	**71.2967**

7.0 Water Detail

7.1 Mitigation Measures Water

Install Low Flow Bathroom Faucet

Install Low Flow Kitchen Faucet

Install Low Flow Toilet

Install Low Flow Shower

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Avenue 34 Mixed-Use Modified Project

South Coast AQMD Air District, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Enclosed Parking with Elevator	401.00	Space	0.00	160,400.00	0
Apartments Mid Rise	468.00	Dwelling Unit	5.03	503,434.00	1338
Strip Mall	16.44	1000sqft	0.00	16,395.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	12			**Operational Year**	2022
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	1227.89	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Avenue 34 Mixed-Use Modified Project - South Coast AQMD Air District, Summer

Project Characteristics -

Land Use - 5.03 ac. lot. 468 apartments 503,434 sf. 16,395 sf retail. 401 parking spaes

Construction Phase - demo 45, grading 70, building 525, paving 20, coating 85

Off-road Equipment - 2 compressors

Off-road Equipment -

Off-road Equipment -

Off-road Equipment - 2 excavators, 2 dozers, 5 backhoes

Off-road Equipment -

Demolition - 6,000 tons demo debris

Grading - 91,000 cy export. 5.03 ac

Vehicle Trips - Trip generation per traffic letter 6/13/2019

Woodstoves - No hearths

Construction Off-road Equipment Mitigation -

Mobile Land Use Mitigation -

Area Mitigation -

Energy Mitigation -

Water Mitigation -

Waste Mitigation -

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	20.00	85.00
tblConstructionPhase	NumDays	230.00	525.00
tblConstructionPhase	NumDays	20.00	45.00
tblConstructionPhase	NumDays	20.00	70.00
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00

tblFireplaces	NumberGas	397.80	0.00
tblFireplaces	NumberNoFireplace	46.80	0.00
tblFireplaces	NumberWood	23.40	0.00
tblGrading	AcresOfGrading	35.00	5.03
tblGrading	MaterialExported	0.00	91,000.00
tblLandUse	LandUseSquareFeet	468,000.00	503,434.00
tblLandUse	LandUseSquareFeet	16,440.00	16,395.00
tblLandUse	LotAcreage	3.61	0.00
tblLandUse	LotAcreage	12.32	5.03
tblLandUse	LotAcreage	0.38	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	5.00
tblTripsAndVMT	WorkerTripNumber	25.00	15.00
tblVehicleTrips	ST_TR	6.39	5.08
tblVehicleTrips	ST_TR	42.04	32.75
tblVehicleTrips	SU_TR	5.86	5.08
tblVehicleTrips	SU_TR	20.43	32.75
tblVehicleTrips	WD_TR	6.65	5.08
tblVehicleTrips	WD_TR	44.32	32.75
tblWoodstoves	NumberCatalytic	23.40	0.00
tblWoodstoves	NumberNoncatalytic	23.40	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	5.4744	88.6098	37.4243	0.1773	15.2746	2.3553	17.6300	7.4736	2.1722	9.6458	0.0000	18,595.9953	18,595.9953	2.4720	0.0000	18,657.7950
2021	3.8514	26.0892	33.8089	0.0927	5.0884	1.0075	6.0960	1.3610	0.9469	2.3078	0.0000	9,245.9814	9,245.9814	0.8683	0.0000	9,267.6890
2022	40.1068	23.7817	32.3357	0.0908	5.0884	0.8549	5.9434	1.3610	0.8039	2.1649	0.0000	9,065.4688	9,065.4688	0.8476	0.0000	9,086.6595
Maximum	**40.1068**	**88.6098**	**37.4243**	**0.1773**	**15.2746**	**2.3553**	**17.6300**	**7.4736**	**2.1722**	**9.6458**	**0.0000**	**18,595.9953**	**18,595.9953**	**2.4720**	**0.0000**	**18,657.7950**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	5.4744	88.6098	37.4243	0.1773	8.5275	2.3553	10.8829	3.8156	2.1722	5.9877	0.0000	18,595.9953	18,595.9953	2.4720	0.0000	18,657.7950
2021	3.8514	26.0892	33.8089	0.0927	5.0884	1.0075	6.0960	1.3610	0.9469	2.3078	0.0000	9,245.9814	9,245.9814	0.8683	0.0000	9,267.6890
2022	40.1068	23.7817	32.3357	0.0908	5.0884	0.8549	5.9434	1.3610	0.8039	2.1649	0.0000	9,065.4688	9,065.4688	0.8476	0.0000	9,086.6595
Maximum	**40.1068**	**88.6098**	**37.4243**	**0.1773**	**8.5275**	**2.3553**	**10.8829**	**3.8156**	**2.1722**	**5.9877**	**0.0000**	**18,595.9953**	**18,595.9953**	**2.4720**	**0.0000**	**18,657.7950**

Avenue 34 Mixed-Use Modified Project - South Coast AQMD Air District, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**26.51**	**0.00**	**22.74**	**35.88**	**0.00**	**25.91**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	12.4378	0.4462	38.6949	2.0400e-003		0.2137	0.2137		0.2137	0.2137	0.0000	69.6139	69.6139	0.0673	0.0000	71.2967
Energy	0.1526	1.3044	0.5581	8.3200e-003		0.1054	0.1054		0.1054	0.1054		1,664.6820	1,664.6820	0.0319	0.0305	1,674.5744
Mobile	4.8999	24.8042	63.1111	0.2381	19.4529	0.1812	19.6341	5.2048	0.1691	5.3739		24,248.6410	24,248.6410	1.1275		24,276.8294
Total	**17.4903**	**26.5548**	**102.3640**	**0.2485**	**19.4529**	**0.5004**	**19.9532**	**5.2048**	**0.4883**	**5.6931**	**0.0000**	**25,982.9369**	**25,982.9369**	**1.2268**	**0.0305**	**26,022.7005**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	12.4378	0.4462	38.6949	2.0400e-003		0.2137	0.2137		0.2137	0.2137	0.0000	69.6139	69.6139	0.0673	0.0000	71.2967
Energy	0.1526	1.3044	0.5581	8.3200e-003		0.1054	0.1054		0.1054	0.1054		1,664.6820	1,664.6820	0.0319	0.0305	1,674.5744
Mobile	4.1025	19.4772	41.5730	0.1481	11.5907	0.1148	11.7055	3.1012	0.1071	3.2083		15,092.1191	15,092.1191	0.7618		15,111.1635
Total	**16.6928**	**21.2278**	**80.8259**	**0.1584**	**11.5907**	**0.4340**	**12.0246**	**3.1012**	**0.4262**	**3.5274**	**0.0000**	**16,826.4150**	**16,826.4150**	**0.8610**	**0.0305**	**16,857.0346**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**4.56**	**20.06**	**21.04**	**36.25**	**40.42**	**13.27**	**39.74**	**40.42**	**12.70**	**38.04**	**0.00**	**35.24**	**35.24**	**29.81**	**0.00**	**35.22**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/6/2020	3/6/2020	5	45	
2	Grading	Grading	3/9/2020	6/12/2020	5	70	
3	Building Construction	Building Construction	6/15/2020	6/17/2022	5	525	
4	Paving	Paving	6/20/2022	7/15/2022	5	20	
5	Architectural Coating	Architectural Coating	7/18/2022	11/11/2022	5	85	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 5.03

Acres of Paving: 0

Residential Indoor: 1,019,454; Residential Outdoor: 339,818; Non-Residential Indoor: 24,593; Non-Residential Outdoor: 8,198; Striped Parking Area: 9,624 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	2	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	5	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	2	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	593.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	10	15.00	0.00	11,375.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	410.00	79.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	2	82.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.8532	0.0000	2.8532	0.4320	0.0000	0.4320			0.0000			0.0000
Off-Road	3.3121	33.2010	21.7532	0.0388		1.6587	1.6587		1.5419	1.5419		3,747.7049	3,747.7049	1.0580		3,774.1536
Total	**3.3121**	**33.2010**	**21.7532**	**0.0388**	**2.8532**	**1.6587**	**4.5119**	**0.4320**	**1.5419**	**1.9739**		**3,747.7049**	**3,747.7049**	**1.0580**		**3,774.1536**

3.2 Demolition - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1001	3.5862	0.7136	0.0102	0.2303	0.0116	0.2418	0.0631	0.0111	0.0742		1,104.7316	1,104.7316	0.0741		1,106.5849
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0679	0.0456	0.6132	1.7200e-003	0.1677	1.2700e-003	0.1689	0.0445	1.1700e-003	0.0456		171.6626	171.6626	4.9400e-003		171.7860
Total	**0.1680**	**3.6319**	**1.3268**	**0.0119**	**0.3979**	**0.0128**	**0.4108**	**0.1076**	**0.0122**	**0.1198**		**1,276.3942**	**1,276.3942**	**0.0791**		**1,278.3709**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.2839	0.0000	1.2839	0.1944	0.0000	0.1944			0.0000			0.0000
Off-Road	3.3121	33.2010	21.7532	0.0388		1.6587	1.6587		1.5419	1.5419	0.0000	3,747.7049	3,747.7049	1.0580		3,774.1536
Total	**3.3121**	**33.2010**	**21.7532**	**0.0388**	**1.2839**	**1.6587**	**2.9426**	**0.1944**	**1.5419**	**1.7363**	**0.0000**	**3,747.7049**	**3,747.7049**	**1.0580**		**3,774.1536**

3.2 Demolition - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1001	3.5862	0.7136	0.0102	0.2303	0.0116	0.2418	0.0631	0.0111	0.0742		1,104.7316	1,104.7316	0.0741		1,106.5849
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0679	0.0456	0.6132	1.7200e-003	0.1677	1.2700e-003	0.1689	0.0445	1.1700e-003	0.0456		171.6626	171.6626	4.9400e-003		171.7860
Total	**0.1680**	**3.6319**	**1.3268**	**0.0119**	**0.3979**	**0.0128**	**0.4108**	**0.1076**	**0.0122**	**0.1198**		**1,276.3942**	**1,276.3942**	**0.0791**		**1,278.3709**

3.3 Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					12.2674	0.0000	12.2674	6.6510	0.0000	6.6510			0.0000			0.0000
Off-Road	4.1723	44.3410	28.0118	0.0496		2.2115	2.2115		2.0346	2.0346		4,801.4831	4,801.4831	1.5529		4,840.3055
Total	**4.1723**	**44.3410**	**28.0118**	**0.0496**	**12.2674**	**2.2115**	**14.4789**	**6.6510**	**2.0346**	**8.6855**		**4,801.4831**	**4,801.4831**	**1.5529**		**4,840.3055**

3.3 Grading - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.2342	44.2231	8.7993	0.1260	2.8396	0.1426	2.9821	0.7782	0.1364	0.9146		13,622.8497	13,622.8497	0.9142		13,645.7035
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0679	0.0456	0.6132	1.7200e-003	0.1677	1.2700e-003	0.1689	0.0445	1.1700e-003	0.0456		171.6626	171.6626	4.9400e-003		171.7860
Total	**1.3021**	**44.2687**	**9.4125**	**0.1277**	**3.0072**	**0.1438**	**3.1511**	**0.8227**	**0.1376**	**0.9602**		**13,794.5123**	**13,794.5123**	**0.9191**		**13,817.4895**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.5203	0.0000	5.5203	2.9929	0.0000	2.9929			0.0000			0.0000
Off-Road	4.1723	44.3410	28.0118	0.0496		2.2115	2.2115		2.0346	2.0346	0.0000	4,801.4831	4,801.4831	1.5529		4,840.3055
Total	**4.1723**	**44.3410**	**28.0118**	**0.0496**	**5.5203**	**2.2115**	**7.7318**	**2.9929**	**2.0346**	**5.0275**	**0.0000**	**4,801.4831**	**4,801.4831**	**1.5529**		**4,840.3055**

3.3 Grading - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.2342	44.2231	8.7993	0.1260	2.8396	0.1426	2.9821	0.7782	0.1364	0.9146		13,622.8497	13,622.8497	0.9142		13,645.7035
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0679	0.0456	0.6132	1.7200e-003	0.1677	1.2700e-003	0.1689	0.0445	1.1700e-003	0.0456		171.6626	171.6626	4.9400e-003		171.7860
Total	**1.3021**	**44.2687**	**9.4125**	**0.1277**	**3.0072**	**0.1438**	**3.1511**	**0.8227**	**0.1376**	**0.9602**		**13,794.5123**	**13,794.5123**	**0.9191**		**13,817.4895**

3.4 Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1198	19.1860	16.8485	0.0269		1.1171	1.1171		1.0503	1.0503		2,553.0631	2,553.0631	0.6229		2,568.6345
Total	**2.1198**	**19.1860**	**16.8485**	**0.0269**		**1.1171**	**1.1171**		**1.0503**	**1.0503**		**2,553.0631**	**2,553.0631**	**0.6229**		**2,568.6345**

3.4 Building Construction - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.2595	8.2899	1.9740	0.0203	0.5056	0.0411	0.5467	0.1456	0.0393	0.1849		2,168.1428	2,168.1428	0.1361		2,171.5460
Worker	1.8550	1.2469	16.7615	0.0471	4.5828	0.0348	4.6176	1.2154	0.0320	1.2474		4,692.1116	4,692.1116	0.1349		4,695.4841
Total	**2.1145**	**9.5368**	**18.7355**	**0.0674**	**5.0884**	**0.0758**	**5.1643**	**1.3610**	**0.0713**	**1.4323**		**6,860.2544**	**6,860.2544**	**0.2710**		**6,867.0301**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1198	19.1860	16.8485	0.0269		1.1171	1.1171		1.0503	1.0503	0.0000	2,553.0631	2,553.0631	0.6229		2,568.6345
Total	**2.1198**	**19.1860**	**16.8485**	**0.0269**		**1.1171**	**1.1171**		**1.0503**	**1.0503**	**0.0000**	**2,553.0631**	**2,553.0631**	**0.6229**		**2,568.6345**

3.4 Building Construction - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.2595	8.2899	1.9740	0.0203	0.5056	0.0411	0.5467	0.1456	0.0393	0.1849		2,168.1428	2,168.1428	0.1361		2,171.5460
Worker	1.8550	1.2469	16.7615	0.0471	4.5828	0.0348	4.6176	1.2154	0.0320	1.2474		4,692.1116	4,692.1116	0.1349		4,695.4841
Total	**2.1145**	**9.5368**	**18.7355**	**0.0674**	**5.0884**	**0.0758**	**5.1643**	**1.3610**	**0.0713**	**1.4323**		**6,860.2544**	**6,860.2544**	**0.2710**		**6,867.0301**

3.4 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013		2,553.3639	2,553.3639	0.6160		2,568.7643
Total	**1.9009**	**17.4321**	**16.5752**	**0.0269**		**0.9586**	**0.9586**		**0.9013**	**0.9013**		**2,553.3639**	**2,553.3639**	**0.6160**		**2,568.7643**

3.4 Building Construction - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.2198	7.5347	1.7880	0.0202	0.5056	0.0152	0.5208	0.1456	0.0145	0.1601		2,152.2639	2,152.2639	0.1302		2,155.5187
Worker	1.7307	1.1225	15.4457	0.0456	4.5828	0.0337	4.6166	1.2154	0.0311	1.2465		4,540.3536	4,540.3536	0.1221		4,543.4060
Total	**1.9505**	**8.6571**	**17.2337**	**0.0657**	**5.0884**	**0.0489**	**5.1374**	**1.3610**	**0.0456**	**1.4065**		**6,692.6175**	**6,692.6175**	**0.2523**		**6,698.9247**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013	0.0000	2,553.3639	2,553.3639	0.6160		2,568.7643
Total	**1.9009**	**17.4321**	**16.5752**	**0.0269**		**0.9586**	**0.9586**		**0.9013**	**0.9013**	**0.0000**	**2,553.3639**	**2,553.3639**	**0.6160**		**2,568.7643**

3.4 Building Construction - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.2198	7.5347	1.7880	0.0202	0.5056	0.0152	0.5208	0.1456	0.0145	0.1601		2,152.2639	2,152.2639	0.1302		2,155.5187
Worker	1.7307	1.1225	15.4457	0.0456	4.5828	0.0337	4.6166	1.2154	0.0311	1.2465		4,540.3536	4,540.3536	0.1221		4,543.4060
Total	**1.9505**	**8.6571**	**17.2337**	**0.0657**	**5.0884**	**0.0489**	**5.1374**	**1.3610**	**0.0456**	**1.4065**		**6,692.6175**	**6,692.6175**	**0.2523**		**6,698.9247**

3.4 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322
Total	**1.7062**	**15.6156**	**16.3634**	**0.0269**		**0.8090**	**0.8090**		**0.7612**	**0.7612**		**2,554.3336**	**2,554.3336**	**0.6120**		**2,569.6322**

3.4 Building Construction - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.2062	7.1521	1.6898	0.0200	0.5056	0.0132	0.5188	0.1456	0.0126	0.1581		2,133.4671	2,133.4671	0.1253		2,136.6005
Worker	1.6234	1.0139	14.2825	0.0439	4.5828	0.0328	4.6156	1.2154	0.0302	1.2456		4,377.6681	4,377.6681	0.1104		4,380.4268
Total	**1.8296**	**8.1660**	**15.9723**	**0.0639**	**5.0884**	**0.0459**	**5.1344**	**1.3610**	**0.0428**	**1.4037**		**6,511.1352**	**6,511.1352**	**0.2357**		**6,517.0273**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322
Total	**1.7062**	**15.6156**	**16.3634**	**0.0269**		**0.8090**	**0.8090**		**0.7612**	**0.7612**	**0.0000**	**2,554.3336**	**2,554.3336**	**0.6120**		**2,569.6322**

3.4 Building Construction - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.2062	7.1521	1.6898	0.0200	0.5056	0.0132	0.5188	0.1456	0.0126	0.1581		2,133.4671	2,133.4671	0.1253		2,136.6005
Worker	1.6234	1.0139	14.2825	0.0439	4.5828	0.0328	4.6156	1.2154	0.0302	1.2456		4,377.6681	4,377.6681	0.1104		4,380.4268
Total	**1.8296**	**8.1660**	**15.9723**	**0.0639**	**5.0884**	**0.0459**	**5.1344**	**1.3610**	**0.0428**	**1.4037**		**6,511.1352**	**6,511.1352**	**0.2357**		**6,517.0273**

3.5 Paving - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225		2,207.6603	2,207.6603	0.7140		2,225.5104
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.1028**	**11.1249**	**14.5805**	**0.0228**		**0.5679**	**0.5679**		**0.5225**	**0.5225**		**2,207.6603**	**2,207.6603**	**0.7140**		**2,225.5104**

3.5 Paving - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0594	0.0371	0.5225	1.6100e-003	0.1677	1.2000e-003	0.1689	0.0445	1.1000e-003	0.0456		160.1586	160.1586	4.0400e-003		160.2595
Total	**0.0594**	**0.0371**	**0.5225**	**1.6100e-003**	**0.1677**	**1.2000e-003**	**0.1689**	**0.0445**	**1.1000e-003**	**0.0456**		**160.1586**	**160.1586**	**4.0400e-003**		**160.2595**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225	0.0000	2,207.6603	2,207.6603	0.7140		2,225.5104
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.1028**	**11.1249**	**14.5805**	**0.0228**		**0.5679**	**0.5679**		**0.5225**	**0.5225**	**0.0000**	**2,207.6603**	**2,207.6603**	**0.7140**		**2,225.5104**

3.5 Paving - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0594	0.0371	0.5225	1.6100e-003	0.1677	1.2000e-003	0.1689	0.0445	1.1000e-003	0.0456		160.1586	160.1586	4.0400e-003		160.2595
Total	**0.0594**	**0.0371**	**0.5225**	**1.6100e-003**	**0.1677**	**1.2000e-003**	**0.1689**	**0.0445**	**1.1000e-003**	**0.0456**		**160.1586**	**160.1586**	**4.0400e-003**		**160.2595**

3.6 Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	39.3730					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4091	2.8170	3.6272	5.9400e-003		0.1634	0.1634		0.1634	0.1634		562.8961	562.8961	0.0367		563.8123
Total	**39.7821**	**2.8170**	**3.6272**	**5.9400e-003**		**0.1634**	**0.1634**		**0.1634**	**0.1634**		**562.8961**	**562.8961**	**0.0367**		**563.8123**

3.6 Architectural Coating - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3247	0.2028	2.8565	8.7900e-003	0.9166	6.5500e-003	0.9231	0.2431	6.0400e-003	0.2491		875.5336	875.5336	0.0221		876.0854
Total	**0.3247**	**0.2028**	**2.8565**	**8.7900e-003**	**0.9166**	**6.5500e-003**	**0.9231**	**0.2431**	**6.0400e-003**	**0.2491**		**875.5336**	**875.5336**	**0.0221**		**876.0854**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	39.3730					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4091	2.8170	3.6272	5.9400e-003		0.1634	0.1634		0.1634	0.1634	0.0000	562.8961	562.8961	0.0367		563.8123
Total	**39.7821**	**2.8170**	**3.6272**	**5.9400e-003**		**0.1634**	**0.1634**		**0.1634**	**0.1634**	**0.0000**	**562.8961**	**562.8961**	**0.0367**		**563.8123**

3.6 Architectural Coating - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3247	0.2028	2.8565	8.7900e-003	0.9166	6.5500e-003	0.9231	0.2431	6.0400e-003	0.2491		875.5336	875.5336	0.0221		876.0854
Total	**0.3247**	**0.2028**	**2.8565**	**8.7900e-003**	**0.9166**	**6.5500e-003**	**0.9231**	**0.2431**	**6.0400e-003**	**0.2491**		**875.5336**	**875.5336**	**0.0221**		**876.0854**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Increase Density

Increase Transit Accessibility

Integrate Below Market Rate Housing

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	4.1025	19.4772	41.5730	0.1481	11.5907	0.1148	11.7055	3.1012	0.1071	3.2083		15,092.1191	15,092.1191	0.7618		15,111.1635
Unmitigated	4.8999	24.8042	63.1111	0.2381	19.4529	0.1812	19.6341	5.2048	0.1691	5.3739		24,248.6410	24,248.6410	1.1275		24,276.8294

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	2,377.44	2,377.44	2377.44	8,124,074	4,840,600
Enclosed Parking with Elevator	0.00	0.00	0.00		
Strip Mall	538.41	538.41	538.41	1,024,376	610,358
Total	2,915.85	2,915.85	2,915.85	9,148,450	5,450,958

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	45	40	15

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.549559	0.042893	0.201564	0.118533	0.015569	0.005846	0.021394	0.034255	0.002099	0.001828	0.004855	0.000709	0.000896
Enclosed Parking with Elevator	0.549559	0.042893	0.201564	0.118533	0.015569	0.005846	0.021394	0.034255	0.002099	0.001828	0.004855	0.000709	0.000896
Strip Mall	0.549559	0.042893	0.201564	0.118533	0.015569	0.005846	0.021394	0.034255	0.002099	0.001828	0.004855	0.000709	0.000896

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

Install High Efficiency Lighting

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.1526	1.3044	0.5581	8.3200e-003		0.1054	0.1054		0.1054	0.1054		1,664.6820	1,664.6820	0.0319	0.0305	1,674.5744
NaturalGas Unmitigated	0.1526	1.3044	0.5581	8.3200e-003		0.1054	0.1054		0.1054	0.1054		1,664.6820	1,664.6820	0.0319	0.0305	1,674.5744

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Mid Rise	14076.1	0.1518	1.2972	0.5520	8.2800e-003		0.1049	0.1049		0.1049	0.1049		1,656.0156	1,656.0156	0.0317	0.0304	1,665.8564
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Strip Mall	73.6652	7.9000e-004	7.2200e-003	6.0700e-003	4.0000e-005		5.5000e-004	5.5000e-004		5.5000e-004	5.5000e-004		8.6665	8.6665	1.7000e-004	1.6000e-004	8.7180
Total		**0.1526**	**1.3044**	**0.5581**	**8.3200e-003**		**0.1054**	**0.1054**		**0.1054**	**0.1054**		**1,664.6820**	**1,664.6820**	**0.0319**	**0.0305**	**1,674.5744**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Mid Rise	14.0761	0.1518	1.2972	0.5520	8.2800e-003		0.1049	0.1049		0.1049	0.1049		1,656.0156	1,656.0156	0.0317	0.0304	1,665.8564
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Strip Mall	0.0736652	7.9000e-004	7.2200e-003	6.0700e-003	4.0000e-005		5.5000e-004	5.5000e-004		5.5000e-004	5.5000e-004		8.6665	8.6665	1.7000e-004	1.6000e-004	8.7180
Total		**0.1526**	**1.3044**	**0.5581**	**8.3200e-003**		**0.1054**	**0.1054**		**0.1054**	**0.1054**		**1,664.6820**	**1,664.6820**	**0.0319**	**0.0305**	**1,674.5744**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

No Hearths Installed

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	12.4378	0.4462	38.6949	2.0400e-003		0.2137	0.2137		0.2137	0.2137	0.0000	69.6139	69.6139	0.0673	0.0000	71.2967
Unmitigated	12.4378	0.4462	38.6949	2.0400e-003		0.2137	0.2137		0.2137	0.2137	0.0000	69.6139	69.6139	0.0673	0.0000	71.2967

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.9169					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	10.3494					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.1714	0.4462	38.6949	2.0400e-003		0.2137	0.2137		0.2137	0.2137		69.6139	69.6139	0.0673		71.2967
Total	**12.4378**	**0.4462**	**38.6949**	**2.0400e-003**		**0.2137**	**0.2137**		**0.2137**	**0.2137**	**0.0000**	**69.6139**	**69.6139**	**0.0673**	**0.0000**	**71.2967**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.9169					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	10.3494					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.1714	0.4462	38.6949	2.0400e-003		0.2137	0.2137		0.2137	0.2137		69.6139	69.6139	0.0673		71.2967
Total	**12.4378**	**0.4462**	**38.6949**	**2.0400e-003**		**0.2137**	**0.2137**		**0.2137**	**0.2137**	**0.0000**	**69.6139**	**69.6139**	**0.0673**	**0.0000**	**71.2967**

7.0 Water Detail

7.1 Mitigation Measures Water

Install Low Flow Bathroom Faucet

Install Low Flow Kitchen Faucet

Install Low Flow Toilet

Install Low Flow Shower

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Avenue 34 Mixed-Use Modified Project

South Coast AQMD Air District, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Enclosed Parking with Elevator	401.00	Space	0.00	160,400.00	0
Apartments Mid Rise	468.00	Dwelling Unit	5.03	503,434.00	1338
Strip Mall	16.44	1000sqft	0.00	16,395.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	12			**Operational Year**	2022
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	1227.89	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - 5.03 ac. lot. 468 apartments 503,434 sf. 16,395 sf retail. 401 parking spaes

Construction Phase - demo 45, grading 70, building 525, paving 20, coating 85

Off-road Equipment - 2 compressors

Off-road Equipment -

Off-road Equipment -

Off-road Equipment - 2 excavators, 2 dozers, 5 backhoes

Off-road Equipment -

Demolition - 6,000 tons demo debris

Grading - 91,000 cy export. 5.03 ac

Vehicle Trips - Trip generation per traffic letter 6/13/2019

Woodstoves - No hearths

Construction Off-road Equipment Mitigation -

Mobile Land Use Mitigation -

Area Mitigation -

Energy Mitigation -

Water Mitigation -

Waste Mitigation -

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	20.00	85.00
tblConstructionPhase	NumDays	230.00	525.00
tblConstructionPhase	NumDays	20.00	45.00
tblConstructionPhase	NumDays	20.00	70.00
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00

tblFireplaces	NumberGas	397.80	0.00
tblFireplaces	NumberNoFireplace	46.80	0.00
tblFireplaces	NumberWood	23.40	0.00
tblGrading	AcresOfGrading	35.00	5.03
tblGrading	MaterialExported	0.00	91,000.00
tblLandUse	LandUseSquareFeet	468,000.00	503,434.00
tblLandUse	LandUseSquareFeet	16,440.00	16,395.00
tblLandUse	LotAcreage	3.61	0.00
tblLandUse	LotAcreage	12.32	5.03
tblLandUse	LotAcreage	0.38	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	5.00
tblTripsAndVMT	WorkerTripNumber	25.00	15.00
tblVehicleTrips	ST_TR	6.39	5.08
tblVehicleTrips	ST_TR	42.04	32.75
tblVehicleTrips	SU_TR	5.86	5.08
tblVehicleTrips	SU_TR	20.43	32.75
tblVehicleTrips	WD_TR	6.65	5.08
tblVehicleTrips	WD_TR	44.32	32.75
tblWoodstoves	NumberCatalytic	23.40	0.00
tblWoodstoves	NumberNoncatalytic	23.40	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.5739	6.0705	4.3189	0.0139	0.9656	0.2060	1.1716	0.3696	0.1918	0.5614	0.0000	1,287.2618	1,287.2618	0.1605	0.0000	1,291.2742
2021	0.5004	3.4373	4.2749	0.0118	0.6520	0.1315	0.7835	0.1747	0.1236	0.2982	0.0000	1,065.3154	1,065.3154	0.1026	0.0000	1,067.8794
2022	1.9273	1.6814	2.2978	6.1600e-003	0.3397	0.0642	0.4039	0.0909	0.0607	0.1516	0.0000	555.6283	555.6283	0.0548	0.0000	556.9978
Maximum	**1.9273**	**6.0705**	**4.3189**	**0.0139**	**0.9656**	**0.2060**	**1.1716**	**0.3696**	**0.1918**	**0.5614**	**0.0000**	**1,287.2618**	**1,287.2618**	**0.1605**	**0.0000**	**1,291.2742**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.5739	6.0705	4.3189	0.0139	0.6942	0.2060	0.9002	0.2362	0.1918	0.4280	0.0000	1,287.2613	1,287.2613	0.1605	0.0000	1,291.2737
2021	0.5004	3.4373	4.2749	0.0118	0.6520	0.1315	0.7835	0.1747	0.1236	0.2982	0.0000	1,065.3150	1,065.3150	0.1026	0.0000	1,067.8790
2022	1.9273	1.6814	2.2978	6.1600e-003	0.3397	0.0642	0.4039	0.0909	0.0607	0.1516	0.0000	555.6281	555.6281	0.0548	0.0000	556.9976
Maximum	**1.9273**	**6.0705**	**4.3189**	**0.0139**	**0.6942**	**0.2060**	**0.9002**	**0.2362**	**0.1918**	**0.4280**	**0.0000**	**1,287.2613**	**1,287.2613**	**0.1605**	**0.0000**	**1,291.2737**

Avenue 34 Mixed-Use Modified Project - South Coast AQMD Air District, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**13.87**	**0.00**	**11.51**	**21.00**	**0.00**	**13.19**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	**1-6-2020**	**4-5-2020**	1.8254	1.8254
2	**4-6-2020**	**7-5-2020**	2.5321	2.5321
3	**7-6-2020**	**10-5-2020**	1.0834	1.0834
4	**10-6-2020**	**1-5-2021**	1.0870	1.0870
5	**1-6-2021**	**4-5-2021**	0.9701	0.9701
6	**4-6-2021**	**7-5-2021**	0.9731	0.9731
7	**7-6-2021**	**10-5-2021**	0.9842	0.9842
8	**10-6-2021**	**1-5-2022**	0.9874	0.9874
9	**1-6-2022**	**4-5-2022**	0.8851	0.8851
10	**4-6-2022**	**7-5-2022**	0.7826	0.7826
11	**7-6-2022**	**9-30-2022**	1.1992	1.1992
		Highest	2.5321	2.5321

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	2.2025	0.0558	4.8369	2.6000e-004		0.0267	0.0267		0.0267	0.0267	0.0000	7.8941	7.8941	7.6300e-003	0.0000	8.0849
Energy	0.0279	0.2381	0.1019	1.5200e-003		0.0192	0.0192		0.0192	0.0192	0.0000	1,979.0042	1,979.0042	0.0455	0.0134	1,984.1282
Mobile	0.8285	4.6773	10.9295	0.0416	3.4762	0.0330	3.5092	0.9315	0.0308	0.9623	0.0000	3,847.7316	3,847.7316	0.1850	0.0000	3,852.3568
Waste						0.0000	0.0000		0.0000	0.0000	47.2035	0.0000	47.2035	2.7897	0.0000	116.9447
Water						0.0000	0.0000		0.0000	0.0000	10.0601	353.5349	363.5950	1.0416	0.0261	397.4207
Total	**3.0589**	**4.9711**	**15.8682**	**0.0434**	**3.4762**	**0.0790**	**3.5552**	**0.9315**	**0.0768**	**1.0083**	**57.2636**	**6,188.1648**	**6,245.4284**	**4.0694**	**0.0395**	**6,358.9353**

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	2.2025	0.0558	4.8369	2.6000e-004		0.0267	0.0267		0.0267	0.0267	0.0000	7.8941	7.8941	7.6300e-003	0.0000	8.0849
Energy	0.0279	0.2381	0.1019	1.5200e-003		0.0192	0.0192		0.0192	0.0192	0.0000	1,979.0042	1,979.0042	0.0455	0.0134	1,984.1282
Mobile	0.6865	3.6337	7.3429	0.0259	2.0713	0.0210	2.0922	0.5550	0.0196	0.5746	0.0000	2,394.4323	2,394.4323	0.1261	0.0000	2,397.5849
Waste						0.0000	0.0000		0.0000	0.0000	23.6018	0.0000	23.6018	1.3948	0.0000	58.4724
Water						0.0000	0.0000		0.0000	0.0000	8.0481	307.5417	315.5898	0.8339	0.0210	342.7009
Total	**2.9169**	**3.9275**	**12.2816**	**0.0277**	**2.0713**	**0.0669**	**2.1382**	**0.5550**	**0.0655**	**0.6205**	**31.6498**	**4,688.8723**	**4,720.5221**	**2.4080**	**0.0344**	**4,790.9713**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**4.64**	**20.99**	**22.60**	**36.28**	**40.42**	**15.30**	**39.86**	**40.42**	**14.68**	**38.46**	**44.73**	**24.23**	**24.42**	**40.83**	**12.93**	**24.66**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/6/2020	3/6/2020	5	45	
2	Grading	Grading	3/9/2020	6/12/2020	5	70	
3	Building Construction	Building Construction	6/15/2020	6/17/2022	5	525	
4	Paving	Paving	6/20/2022	7/15/2022	5	20	
5	Architectural Coating	Architectural Coating	7/18/2022	11/11/2022	5	85	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 5.03

Acres of Paving: 0

Residential Indoor: 1,019,454; Residential Outdoor: 339,818; Non-Residential Indoor: 24,593; Non-Residential Outdoor: 8,198; Striped Parking Area: 9,624 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	2	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	5	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	2	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	593.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	10	15.00	0.00	11,375.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	410.00	79.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	2	82.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0642	0.0000	0.0642	9.7200e-003	0.0000	9.7200e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0745	0.7470	0.4895	8.7000e-004		0.0373	0.0373		0.0347	0.0347	0.0000	76.4969	76.4969	0.0216	0.0000	77.0367
Total	**0.0745**	**0.7470**	**0.4895**	**8.7000e-004**	**0.0642**	**0.0373**	**0.1015**	**9.7200e-003**	**0.0347**	**0.0444**	**0.0000**	**76.4969**	**76.4969**	**0.0216**	**0.0000**	**77.0367**

3.2 Demolition - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.2800e-003	0.0832	0.0166	2.3000e-004	5.1000e-003	2.6000e-004	5.3600e-003	1.4000e-003	2.5000e-004	1.6500e-003	0.0000	22.3751	22.3751	1.5400e-003	0.0000	22.4136
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.5100e-003	1.1600e-003	0.0128	4.0000e-005	3.7000e-003	3.0000e-005	3.7300e-003	9.8000e-004	3.0000e-005	1.0100e-003	0.0000	3.3334	3.3334	1.0000e-004	0.0000	3.3358
Total	**3.7900e-003**	**0.0844**	**0.0294**	**2.7000e-004**	**8.8000e-003**	**2.9000e-004**	**9.0900e-003**	**2.3800e-003**	**2.8000e-004**	**2.6600e-003**	**0.0000**	**25.7084**	**25.7084**	**1.6400e-003**	**0.0000**	**25.7494**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0289	0.0000	0.0289	4.3700e-003	0.0000	4.3700e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0745	0.7470	0.4895	8.7000e-004		0.0373	0.0373		0.0347	0.0347	0.0000	76.4968	76.4968	0.0216	0.0000	77.0366
Total	**0.0745**	**0.7470**	**0.4895**	**8.7000e-004**	**0.0289**	**0.0373**	**0.0662**	**4.3700e-003**	**0.0347**	**0.0391**	**0.0000**	**76.4968**	**76.4968**	**0.0216**	**0.0000**	**77.0366**

3.2 Demolition - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.2800e-003	0.0832	0.0166	2.3000e-004	5.1000e-003	2.6000e-004	5.3600e-003	1.4000e-003	2.5000e-004	1.6500e-003	0.0000	22.3751	22.3751	1.5400e-003	0.0000	22.4136
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.5100e-003	1.1600e-003	0.0128	4.0000e-005	3.7000e-003	3.0000e-005	3.7300e-003	9.8000e-004	3.0000e-005	1.0100e-003	0.0000	3.3334	3.3334	1.0000e-004	0.0000	3.3358
Total	**3.7900e-003**	**0.0844**	**0.0294**	**2.7000e-004**	**8.8000e-003**	**2.9000e-004**	**9.0900e-003**	**2.3800e-003**	**2.8000e-004**	**2.6600e-003**	**0.0000**	**25.7084**	**25.7084**	**1.6400e-003**	**0.0000**	**25.7494**

3.3 Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.4294	0.0000	0.4294	0.2328	0.0000	0.2328	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1460	1.5519	0.9804	1.7300e-003		0.0774	0.0774		0.0712	0.0712	0.0000	152.4541	152.4541	0.0493	0.0000	153.6868
Total	**0.1460**	**1.5519**	**0.9804**	**1.7300e-003**	**0.4294**	**0.0774**	**0.5068**	**0.2328**	**0.0712**	**0.3040**	**0.0000**	**152.4541**	**152.4541**	**0.0493**	**0.0000**	**153.6868**

3.3 Grading - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0437	1.5960	0.3183	4.3800e-003	0.0978	5.0200e-003	0.1028	0.0268	4.8000e-003	0.0317	0.0000	429.2015	429.2015	0.0296	0.0000	429.9408
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.3400e-003	1.8000e-003	0.0199	6.0000e-005	5.7600e-003	4.0000e-005	5.8000e-003	1.5300e-003	4.0000e-005	1.5700e-003	0.0000	5.1853	5.1853	1.5000e-004	0.0000	5.1890
Total	**0.0461**	**1.5978**	**0.3382**	**4.4400e-003**	**0.1036**	**5.0600e-003**	**0.1086**	**0.0284**	**4.8400e-003**	**0.0332**	**0.0000**	**434.3867**	**434.3867**	**0.0297**	**0.0000**	**435.1298**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1932	0.0000	0.1932	0.1048	0.0000	0.1048	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1460	1.5519	0.9804	1.7300e-003		0.0774	0.0774		0.0712	0.0712	0.0000	152.4539	152.4539	0.0493	0.0000	153.6866
Total	**0.1460**	**1.5519**	**0.9804**	**1.7300e-003**	**0.1932**	**0.0774**	**0.2706**	**0.1048**	**0.0712**	**0.1760**	**0.0000**	**152.4539**	**152.4539**	**0.0493**	**0.0000**	**153.6866**

3.3 Grading - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0437	1.5960	0.3183	4.3800e-003	0.0978	5.0200e-003	0.1028	0.0268	4.8000e-003	0.0317	0.0000	429.2015	429.2015	0.0296	0.0000	429.9408
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.3400e-003	1.8000e-003	0.0199	6.0000e-005	5.7600e-003	4.0000e-005	5.8000e-003	1.5300e-003	4.0000e-005	1.5700e-003	0.0000	5.1853	5.1853	1.5000e-004	0.0000	5.1890
Total	**0.0461**	**1.5978**	**0.3382**	**4.4400e-003**	**0.1036**	**5.0600e-003**	**0.1086**	**0.0284**	**4.8400e-003**	**0.0332**	**0.0000**	**434.3867**	**434.3867**	**0.0297**	**0.0000**	**435.1298**

3.4 Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1526	1.3814	1.2131	1.9400e-003		0.0804	0.0804		0.0756	0.0756	0.0000	166.7592	166.7592	0.0407	0.0000	167.7763
Total	**0.1526**	**1.3814**	**1.2131**	**1.9400e-003**		**0.0804**	**0.0804**		**0.0756**	**0.0756**	**0.0000**	**166.7592**	**166.7592**	**0.0407**	**0.0000**	**167.7763**

3.4 Building Construction - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0191	0.6070	0.1504	1.4500e-003	0.0359	2.9800e-003	0.0388	0.0104	2.8500e-003	0.0132	0.0000	139.8974	139.8974	9.1800e-003	0.0000	140.1270
Worker	0.1318	0.1010	1.1180	3.2300e-003	0.3239	2.5000e-003	0.3264	0.0860	2.3100e-003	0.0883	0.0000	291.5590	291.5590	8.3700e-003	0.0000	291.7682
Total	**0.1508**	**0.7080**	**1.2684**	**4.6800e-003**	**0.3597**	**5.4800e-003**	**0.3652**	**0.0964**	**5.1600e-003**	**0.1015**	**0.0000**	**431.4565**	**431.4565**	**0.0176**	**0.0000**	**431.8952**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1526	1.3814	1.2131	1.9400e-003		0.0804	0.0804		0.0756	0.0756	0.0000	166.7590	166.7590	0.0407	0.0000	167.7761
Total	**0.1526**	**1.3814**	**1.2131**	**1.9400e-003**		**0.0804**	**0.0804**		**0.0756**	**0.0756**	**0.0000**	**166.7590**	**166.7590**	**0.0407**	**0.0000**	**167.7761**

3.4 Building Construction - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0191	0.6070	0.1504	1.4500e-003	0.0359	2.9800e-003	0.0388	0.0104	2.8500e-003	0.0132	0.0000	139.8974	139.8974	9.1800e-003	0.0000	140.1270
Worker	0.1318	0.1010	1.1180	3.2300e-003	0.3239	2.5000e-003	0.3264	0.0860	2.3100e-003	0.0883	0.0000	291.5590	291.5590	8.3700e-003	0.0000	291.7682
Total	**0.1508**	**0.7080**	**1.2684**	**4.6800e-003**	**0.3597**	**5.4800e-003**	**0.3652**	**0.0964**	**5.1600e-003**	**0.1015**	**0.0000**	**431.4565**	**431.4565**	**0.0176**	**0.0000**	**431.8952**

3.4 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2481	2.2749	2.1631	3.5100e-003		0.1251	0.1251		0.1176	0.1176	0.0000	302.2867	302.2867	0.0729	0.0000	304.1099
Total	**0.2481**	**2.2749**	**2.1631**	**3.5100e-003**		**0.1251**	**0.1251**		**0.1176**	**0.1176**	**0.0000**	**302.2867**	**302.2867**	**0.0729**	**0.0000**	**304.1099**

3.4 Building Construction - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0293	0.9975	0.2473	2.6000e-003	0.0650	2.0100e-003	0.0670	0.0188	1.9200e-003	0.0207	0.0000	251.7029	251.7029	0.0159	0.0000	252.1008
Worker	0.2230	0.1648	1.8646	5.6600e-003	0.5870	4.4000e-003	0.5914	0.1559	4.0500e-003	0.1600	0.0000	511.3259	511.3259	0.0137	0.0000	511.6687
Total	**0.2524**	**1.1624**	**2.1119**	**8.2600e-003**	**0.6520**	**6.4100e-003**	**0.6584**	**0.1747**	**5.9700e-003**	**0.1806**	**0.0000**	**763.0287**	**763.0287**	**0.0296**	**0.0000**	**763.7695**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2481	2.2749	2.1631	3.5100e-003		0.1251	0.1251		0.1176	0.1176	0.0000	302.2863	302.2863	0.0729	0.0000	304.1095
Total	**0.2481**	**2.2749**	**2.1631**	**3.5100e-003**		**0.1251**	**0.1251**		**0.1176**	**0.1176**	**0.0000**	**302.2863**	**302.2863**	**0.0729**	**0.0000**	**304.1095**

3.4 Building Construction - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0293	0.9975	0.2473	2.6000e-003	0.0650	2.0100e-003	0.0670	0.0188	1.9200e-003	0.0207	0.0000	251.7029	251.7029	0.0159	0.0000	252.1008
Worker	0.2230	0.1648	1.8646	5.6600e-003	0.5870	4.4000e-003	0.5914	0.1559	4.0500e-003	0.1600	0.0000	511.3259	511.3259	0.0137	0.0000	511.6687
Total	**0.2524**	**1.1624**	**2.1119**	**8.2600e-003**	**0.6520**	**6.4100e-003**	**0.6584**	**0.1747**	**5.9700e-003**	**0.1806**	**0.0000**	**763.0287**	**763.0287**	**0.0296**	**0.0000**	**763.7695**

3.4 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1024	0.9369	0.9818	1.6200e-003		0.0485	0.0485		0.0457	0.0457	0.0000	139.0352	139.0352	0.0333	0.0000	139.8679
Total	**0.1024**	**0.9369**	**0.9818**	**1.6200e-003**		**0.0485**	**0.0485**		**0.0457**	**0.0457**	**0.0000**	**139.0352**	**139.0352**	**0.0333**	**0.0000**	**139.8679**

3.4 Building Construction - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0127	0.4349	0.1075	1.1800e-003	0.0299	8.0000e-004	0.0307	8.6200e-003	7.6000e-004	9.3900e-003	0.0000	114.7065	114.7065	7.0400e-003	0.0000	114.8826
Worker	0.0963	0.0685	0.7916	2.5100e-003	0.2699	1.9700e-003	0.2719	0.0717	1.8100e-003	0.0735	0.0000	226.6637	226.6637	5.6900e-003	0.0000	226.8060
Total	**0.1089**	**0.5033**	**0.8990**	**3.6900e-003**	**0.2998**	**2.7700e-003**	**0.3025**	**0.0803**	**2.5700e-003**	**0.0829**	**0.0000**	**341.3702**	**341.3702**	**0.0127**	**0.0000**	**341.6886**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1024	0.9369	0.9818	1.6200e-003		0.0485	0.0485		0.0457	0.0457	0.0000	139.0350	139.0350	0.0333	0.0000	139.8677
Total	**0.1024**	**0.9369**	**0.9818**	**1.6200e-003**		**0.0485**	**0.0485**		**0.0457**	**0.0457**	**0.0000**	**139.0350**	**139.0350**	**0.0333**	**0.0000**	**139.8677**

3.4 Building Construction - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0127	0.4349	0.1075	1.1800e-003	0.0299	8.0000e-004	0.0307	8.6200e-003	7.6000e-004	9.3900e-003	0.0000	114.7065	114.7065	7.0400e-003	0.0000	114.8826
Worker	0.0963	0.0685	0.7916	2.5100e-003	0.2699	1.9700e-003	0.2719	0.0717	1.8100e-003	0.0735	0.0000	226.6637	226.6637	5.6900e-003	0.0000	226.8060
Total	**0.1089**	**0.5033**	**0.8990**	**3.6900e-003**	**0.2998**	**2.7700e-003**	**0.3025**	**0.0803**	**2.5700e-003**	**0.0829**	**0.0000**	**341.3702**	**341.3702**	**0.0127**	**0.0000**	**341.6886**

3.5 Paving - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0110	0.1113	0.1458	2.3000e-004		5.6800e-003	5.6800e-003		5.2200e-003	5.2200e-003	0.0000	20.0276	20.0276	6.4800e-003	0.0000	20.1895
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0110**	**0.1113**	**0.1458**	**2.3000e-004**		**5.6800e-003**	**5.6800e-003**		**5.2200e-003**	**5.2200e-003**	**0.0000**	**20.0276**	**20.0276**	**6.4800e-003**	**0.0000**	**20.1895**

3.5 Paving - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.9000e-004	4.2000e-004	4.8300e-003	2.0000e-005	1.6500e-003	1.0000e-005	1.6600e-003	4.4000e-004	1.0000e-005	4.5000e-004	0.0000	1.3821	1.3821	3.0000e-005	0.0000	1.3830
Total	**5.9000e-004**	**4.2000e-004**	**4.8300e-003**	**2.0000e-005**	**1.6500e-003**	**1.0000e-005**	**1.6600e-003**	**4.4000e-004**	**1.0000e-005**	**4.5000e-004**	**0.0000**	**1.3821**	**1.3821**	**3.0000e-005**	**0.0000**	**1.3830**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0110	0.1113	0.1458	2.3000e-004		5.6800e-003	5.6800e-003		5.2200e-003	5.2200e-003	0.0000	20.0275	20.0275	6.4800e-003	0.0000	20.1895
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0110**	**0.1113**	**0.1458**	**2.3000e-004**		**5.6800e-003**	**5.6800e-003**		**5.2200e-003**	**5.2200e-003**	**0.0000**	**20.0275**	**20.0275**	**6.4800e-003**	**0.0000**	**20.1895**

3.5 Paving - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.9000e-004	4.2000e-004	4.8300e-003	2.0000e-005	1.6500e-003	1.0000e-005	1.6600e-003	4.4000e-004	1.0000e-005	4.5000e-004	0.0000	1.3821	1.3821	3.0000e-005	0.0000	1.3830
Total	**5.9000e-004**	**4.2000e-004**	**4.8300e-003**	**2.0000e-005**	**1.6500e-003**	**1.0000e-005**	**1.6600e-003**	**4.4000e-004**	**1.0000e-005**	**4.5000e-004**	**0.0000**	**1.3821**	**1.3821**	**3.0000e-005**	**0.0000**	**1.3830**

3.6 Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.6734					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0174	0.1197	0.1542	2.5000e-004		6.9500e-003	6.9500e-003		6.9500e-003	6.9500e-003	0.0000	21.7027	21.7027	1.4100e-003	0.0000	21.7380
Total	**1.6907**	**0.1197**	**0.1542**	**2.5000e-004**		**6.9500e-003**	**6.9500e-003**		**6.9500e-003**	**6.9500e-003**	**0.0000**	**21.7027**	**21.7027**	**1.4100e-003**	**0.0000**	**21.7380**

3.6 Architectural Coating - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0136	9.7000e-003	0.1121	3.6000e-004	0.0382	2.8000e-004	0.0385	0.0102	2.6000e-004	0.0104	0.0000	32.1107	32.1107	8.1000e-004	0.0000	32.1309
Total	**0.0136**	**9.7000e-003**	**0.1121**	**3.6000e-004**	**0.0382**	**2.8000e-004**	**0.0385**	**0.0102**	**2.6000e-004**	**0.0104**	**0.0000**	**32.1107**	**32.1107**	**8.1000e-004**	**0.0000**	**32.1309**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.6734					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0174	0.1197	0.1542	2.5000e-004		6.9500e-003	6.9500e-003		6.9500e-003	6.9500e-003	0.0000	21.7026	21.7026	1.4100e-003	0.0000	21.7380
Total	**1.6907**	**0.1197**	**0.1542**	**2.5000e-004**		**6.9500e-003**	**6.9500e-003**		**6.9500e-003**	**6.9500e-003**	**0.0000**	**21.7026**	**21.7026**	**1.4100e-003**	**0.0000**	**21.7380**

3.6 Architectural Coating - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0136	9.7000e-003	0.1121	3.6000e-004	0.0382	2.8000e-004	0.0385	0.0102	2.6000e-004	0.0104	0.0000	32.1107	32.1107	8.1000e-004	0.0000	32.1309
Total	**0.0136**	**9.7000e-003**	**0.1121**	**3.6000e-004**	**0.0382**	**2.8000e-004**	**0.0385**	**0.0102**	**2.6000e-004**	**0.0104**	**0.0000**	**32.1107**	**32.1107**	**8.1000e-004**	**0.0000**	**32.1309**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Increase Density

Increase Transit Accessibility

Integrate Below Market Rate Housing

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.6865	3.6337	7.3429	0.0259	2.0713	0.0210	2.0922	0.5550	0.0196	0.5746	0.0000	2,394.4323	2,394.4323	0.1261	0.0000	2,397.5849
Unmitigated	0.8285	4.6773	10.9295	0.0416	3.4762	0.0330	3.5092	0.9315	0.0308	0.9623	0.0000	3,847.7316	3,847.7316	0.1850	0.0000	3,852.3568

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	2,377.44	2,377.44	2377.44	8,124,074	4,840,600
Enclosed Parking with Elevator	0.00	0.00	0.00		
Strip Mall	538.41	538.41	538.41	1,024,376	610,358
Total	2,915.85	2,915.85	2,915.85	9,148,450	5,450,958

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	45	40	15

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.549559	0.042893	0.201564	0.118533	0.015569	0.005846	0.021394	0.034255	0.002099	0.001828	0.004855	0.000709	0.000896
Enclosed Parking with Elevator	0.549559	0.042893	0.201564	0.118533	0.015569	0.005846	0.021394	0.034255	0.002099	0.001828	0.004855	0.000709	0.000896
Strip Mall	0.549559	0.042893	0.201564	0.118533	0.015569	0.005846	0.021394	0.034255	0.002099	0.001828	0.004855	0.000709	0.000896

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

Install High Efficiency Lighting

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	1,703.3974	1,703.3974	0.0402	8.3200e-003	1,706.8836
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	1,703.3974	1,703.3974	0.0402	8.3200e-003	1,706.8836
NaturalGas Mitigated	0.0279	0.2381	0.1019	1.5200e-003		0.0192	0.0192		0.0192	0.0192	0.0000	275.6068	275.6068	5.2800e-003	5.0500e-003	277.2446
NaturalGas Unmitigated	0.0279	0.2381	0.1019	1.5200e-003		0.0192	0.0192		0.0192	0.0192	0.0000	275.6068	275.6068	5.2800e-003	5.0500e-003	277.2446

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Mid Rise	5.13779e+006	0.0277	0.2367	0.1007	1.5100e-003		0.0191	0.0191		0.0191	0.0191	0.0000	274.1720	274.1720	5.2500e-003	5.0300e-003	275.8012
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Strip Mall	26887.8	1.4000e-004	1.3200e-003	1.1100e-003	1.0000e-005		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	1.4348	1.4348	3.0000e-005	3.0000e-005	1.4434
Total		**0.0278**	**0.2381**	**0.1019**	**1.5200e-003**		**0.0192**	**0.0192**		**0.0192**	**0.0192**	**0.0000**	**275.6068**	**275.6068**	**5.2800e-003**	**5.0600e-003**	**277.2446**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Mid Rise	5.13779e+006	0.0277	0.2367	0.1007	1.5100e-003		0.0191	0.0191		0.0191	0.0191	0.0000	274.1720	274.1720	5.2500e-003	5.0300e-003	275.8012
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Strip Mall	26887.8	1.4000e-004	1.3200e-003	1.1100e-003	1.0000e-005		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	1.4348	1.4348	3.0000e-005	3.0000e-005	1.4434
Total		**0.0278**	**0.2381**	**0.1019**	**1.5200e-003**		**0.0192**	**0.0192**		**0.0192**	**0.0192**	**0.0000**	**275.6068**	**275.6068**	**5.2800e-003**	**5.0600e-003**	**277.2446**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	1.8971e+006	1,056.6111	0.0250	5.1600e-003	1,058.7735
Enclosed Parking with Elevator	939944	523.5127	0.0124	2.5600e-003	524.5841
Strip Mall	221333	123.2737	2.9100e-003	6.0000e-004	123.5260
Total		**1,703.3974**	**0.0402**	**8.3200e-003**	**1,706.8836**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	1.8971e+006	1,056.6111	0.0250	5.1600e-003	1,058.7735
Enclosed Parking with Elevator	939944	523.5127	0.0124	2.5600e-003	524.5841
Strip Mall	221333	123.2737	2.9100e-003	6.0000e-004	123.5260
Total		**1,703.3974**	**0.0402**	**8.3200e-003**	**1,706.8836**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

No Hearths Installed

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	2.2025	0.0558	4.8369	2.6000e-004		0.0267	0.0267		0.0267	0.0267	0.0000	7.8941	7.8941	7.6300e-003	0.0000	8.0849
Unmitigated	2.2025	0.0558	4.8369	2.6000e-004		0.0267	0.0267		0.0267	0.0267	0.0000	7.8941	7.8941	7.6300e-003	0.0000	8.0849

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.1673					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.8888					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.1464	0.0558	4.8369	2.6000e-004		0.0267	0.0267		0.0267	0.0267	0.0000	7.8941	7.8941	7.6300e-003	0.0000	8.0849
Total	**2.2025**	**0.0558**	**4.8369**	**2.6000e-004**		**0.0267**	**0.0267**		**0.0267**	**0.0267**	**0.0000**	**7.8941**	**7.8941**	**7.6300e-003**	**0.0000**	**8.0849**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.1673					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.8888					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.1464	0.0558	4.8369	2.6000e-004		0.0267	0.0267		0.0267	0.0267	0.0000	7.8941	7.8941	7.6300e-003	0.0000	8.0849
Total	**2.2025**	**0.0558**	**4.8369**	**2.6000e-004**		**0.0267**	**0.0267**		**0.0267**	**0.0267**	**0.0000**	**7.8941**	**7.8941**	**7.6300e-003**	**0.0000**	**8.0849**

7.0 Water Detail

7.1 Mitigation Measures Water

Install Low Flow Bathroom Faucet

Install Low Flow Kitchen Faucet

Install Low Flow Toilet

Install Low Flow Shower

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	315.5898	0.8339	0.0210	342.7009
Unmitigated	363.5950	1.0416	0.0261	397.4207

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	30.4921 / 19.2233	349.7589	1.0016	0.0251	382.2858
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
Strip Mall	1.21775 / 0.746364	13.8361	0.0400	1.0000e-003	15.1349
Total		**363.5950**	**1.0416**	**0.0261**	**397.4207**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	24.3937 / 19.2233	303.5972	0.8019	0.0202	329.6675
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
Strip Mall	0.974202 / 0.746364	11.9926	0.0320	8.1000e-004	13.0334
Total		**315.5898**	**0.8339**	**0.0210**	**342.7009**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	23.6018	1.3948	0.0000	58.4724
Unmitigated	47.2035	2.7897	0.0000	116.9447

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	215.28	43.6999	2.5826	0.0000	108.2646
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	17.26	3.5036	0.2071	0.0000	8.6801
Total		**47.2035**	**2.7897**	**0.0000**	**116.9447**

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	107.64	21.8500	1.2913	0.0000	54.1323
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	8.63	1.7518	0.1035	0.0000	4.3400
Total		**23.6018**	**1.3948**	**0.0000**	**58.4724**

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

September 25, 2019

DLA Piper LLP (US)
550 S. Hope Street, Suite 2400
Los Angeles, CA 90071

Attn: Mr. Andrew Brady

Subj: Cultural Resources Phase I Assessment for Avenue 34 Project
(Envicom Project #19-082-101)

Dear Mr. Brady,

Envicom Corporation (Envicom) requested a cultural resource record search from the South Central Coastal Information Center (SCCIC) and a Native American cultural resource record search conducted by the California Native American Heritage Commission (NAHC) for the Avenue 34 Project (Project) in Los Angeles County (**Figure 1**). Both record searches examined the Project site plus a 0.25-mile area ("study area") around the Project. The proposed Project site consists of an approximately 5.03-acre infill property located at 141 West Avenue 34 in the Northeast Los Angeles Community Plan area (**Figure 2**). A record search request was also made with the Natural History Museum of Los Angeles (NHM) to determine if known paleontological resources have been recorded in the project site vicinity. All record search request letters are provided in **Appendix A** of this report. All response letters, except for the SCCIC, the contents of which are restricted by law, are provided in **Appendix B** of this report.

The Project proposes to remove existing light industrial and warehouse structures and parking lots from the site, and construct a mixed-use development with 468 multi-family residential units and 16,395 square feet of commercial retail space. The proposed uses would be provided within three structures that would include two four-story buildings and one five-story building, and would include two levels of subterranean parking within the western portion (approximately one-half) of the Project site. Additional construction activities would include connections to existing offsite utilities infrastructure within adjacent streets and landscaping.

A previously proposed mixed-use development of 372 multi-family residential units, and 40,000 square feet of commercial (office and retail) space within five buildings ranging from one to five stories, with a one-level underground parking garage beneath the majority of the site was conditionally approved for the subject property in 2017.

The purpose of the record searches is to identify any known cultural resources previously recorded within or immediately adjacent to the proposed Project area that would represent new information that was not known at the time of the evaluation of the previously approved project, or a change in the overall cultural resource sensitivity of the Project region. A cultural resource is often defined as any building, structure, object, or archaeological site older than 50-years in age, and can include historic or prehistoric locations of human habitation.

Envicom compared the findings of the updated records searches with the findings of the original planning documents to determine if any conditions had changed that would result in a new significant impact to cultural, paleontological, or Native American resources.

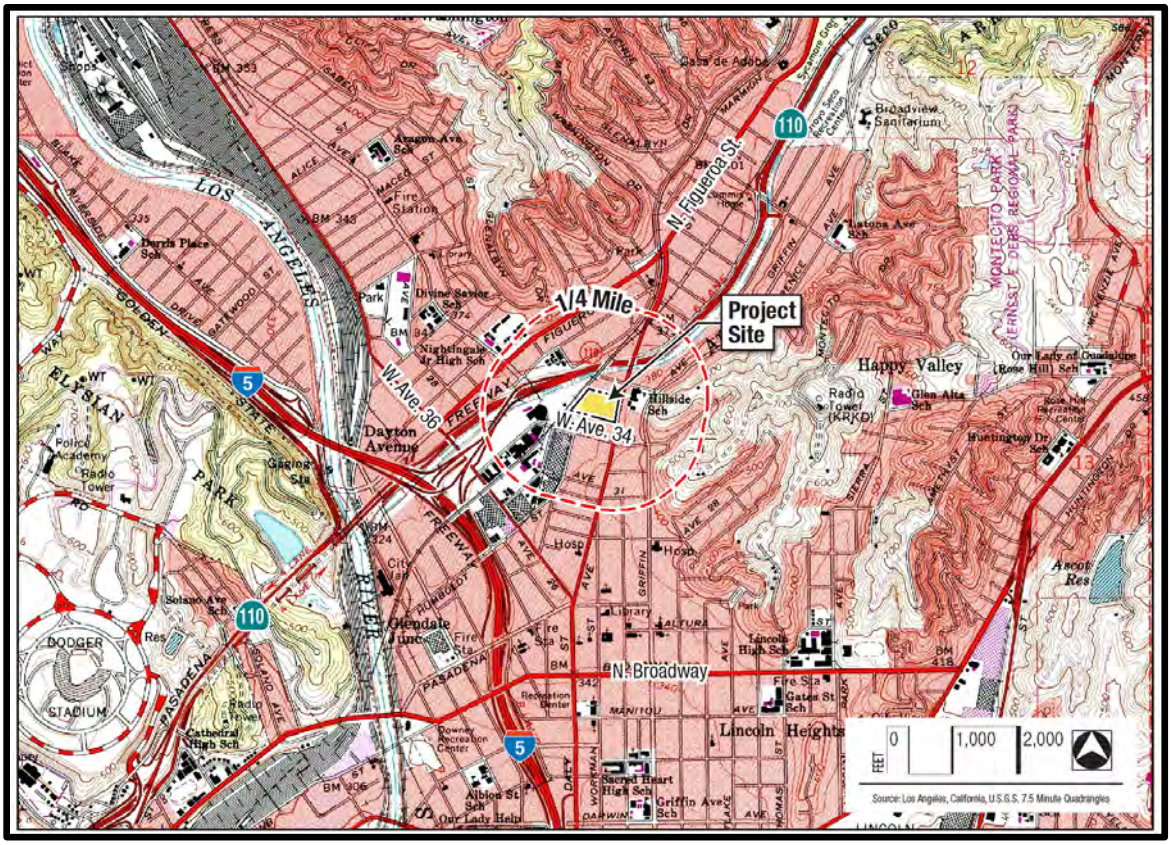


Figure 1: Project location in Los Angeles County, California, with the 0.25-mile study area shown (Los Angeles Quadrangle Topographic Map).

Figure 2: The Project property, showing the current conditions (2019 Google Earth Image).

RECORD SEARCH RESULTS

SCCIC and NAHC Record Searches

On August 8, 2019, Envicom contacted the SCCIC with a request to search their database for cultural resources located within the study area (defined earlier as the Project property, plus a 0.25-mile area) for regional cultural resource context (see Figure 1). The record search included a request for all complete site records for cultural resources as well as copies of any cultural resource technical reports that intersected with the study area. Envicom also contacted the NAHC on August 8, 2019, with a similar record search request.

Envicom received the cultural resource records search results from the SCCIC on August 20, 2019. The SCCIC record search found no previously identified cultural resources located within the Project property, nor adjacent to the project property. The results from the 2019 NAHC record search were received on September 3, 2019, with negative findings.

Envicom also examined fourteen historic USGS maps, dating between 1894 and 1981, as well as historic aerial photographs from the UCSB Library historic aerial photography database to observe previous patterns of development that occurred on the site and in the region. Finally, historic

Google Earth satellite images were reviewed, as was the SurveyLA database. No findings were identified that conflicted with the recommendations of the original cultural resource report.

Field Survey Results

Envicom staff visited the Project property on August 14, 2019. The Project property is fully developed with light industrial buildings, a warehouse facility, and parking lots. One of the onsite buildings incorporates a late 1920s brick building façade. However, as reported by the City's Office of Historic Resources Historic Places LA and Survey LA data, the individual property was assessed for significance in accordance with SurveyLA but does not meet eligibility standards for designation as a historic resource. No intact built environment or archaeological resources were identified during the site visit. The findings were, therefore, negative for cultural resources within the Project property.

Paleontological Record Search Results

The NHM record search findings were received on August 22nd. No known paleontological resources were noted by NHM to have been recorded on or adjacent to the subject property or nearby vicinity, and the nearest known vertebrate fossils to the project site were found approximately 1.5 miles distant from the site. As no data was presented by NHM to indicate any known paleontological resources were located within the subject property, the baseline conditions regarding the absence of known paleontological resources within the site or surroundings remains unchanged from the previously approved project.

The NHM notes that the entire site consists of younger Quaternary Alluvium surface deposits, derived from the Arroyo Seco drainage, which typically do not contain significant vertebrate fossils. However, as the NHM states that the younger alluvium soils on the project site are underlain by older alluvium material (at an unspecified depth), the NHM recommended monitoring of deeper excavations that extend into older sedimentary deposits below the upper levels.

The NHM did not indicate a monitor would be required to reduce a potentially significant impact; however, the project will incorporate the recommendation for a monitor as a condition of approval. The prior regulatory compliance measure remains sufficient to reduce any potentially significant impacts to a less than significant level.

Sincerely,

Wayne Bischoff
Envicom Director of Cultural Resources

ATTACHMENTS:
Appendix A: SCCIC, NAHC, and NHM Request Letters
Appendix B: NAHC and NHM Response Letters
Appendix C: Author's Resume

APPENDIX A
SCCIC, NAHC, and NHM Request Letters

August 8, 2019

South Central Coastal Information Center
C.S.U.F, Dept. of Anthropology, MH 426
800 N. State College Blvd.
Fullerton, CA 92834-6846

Attn: Stacy St. James, Coordinator

Subj: Cultural Resources Phase I Assessment for Avenue 34 Project
(Envicom Project #19-082-101)

Dear Ms. St. James:

Envicom Corporation (Envicom) is requesting an **EXPEDITED** record search of the South Central Coastal Information Center (SCCIC) database of cultural resources within the attached Project site, plus a **0.5-mile study area**. The Project site is located at:

United States Geological Survey 7.5' Quadrangles: Los Angeles, CA Township: 1 South Range: 19 West Section: 9 Latitude: 34° 5'5.14"North Longitude: 118°12'52.33"West

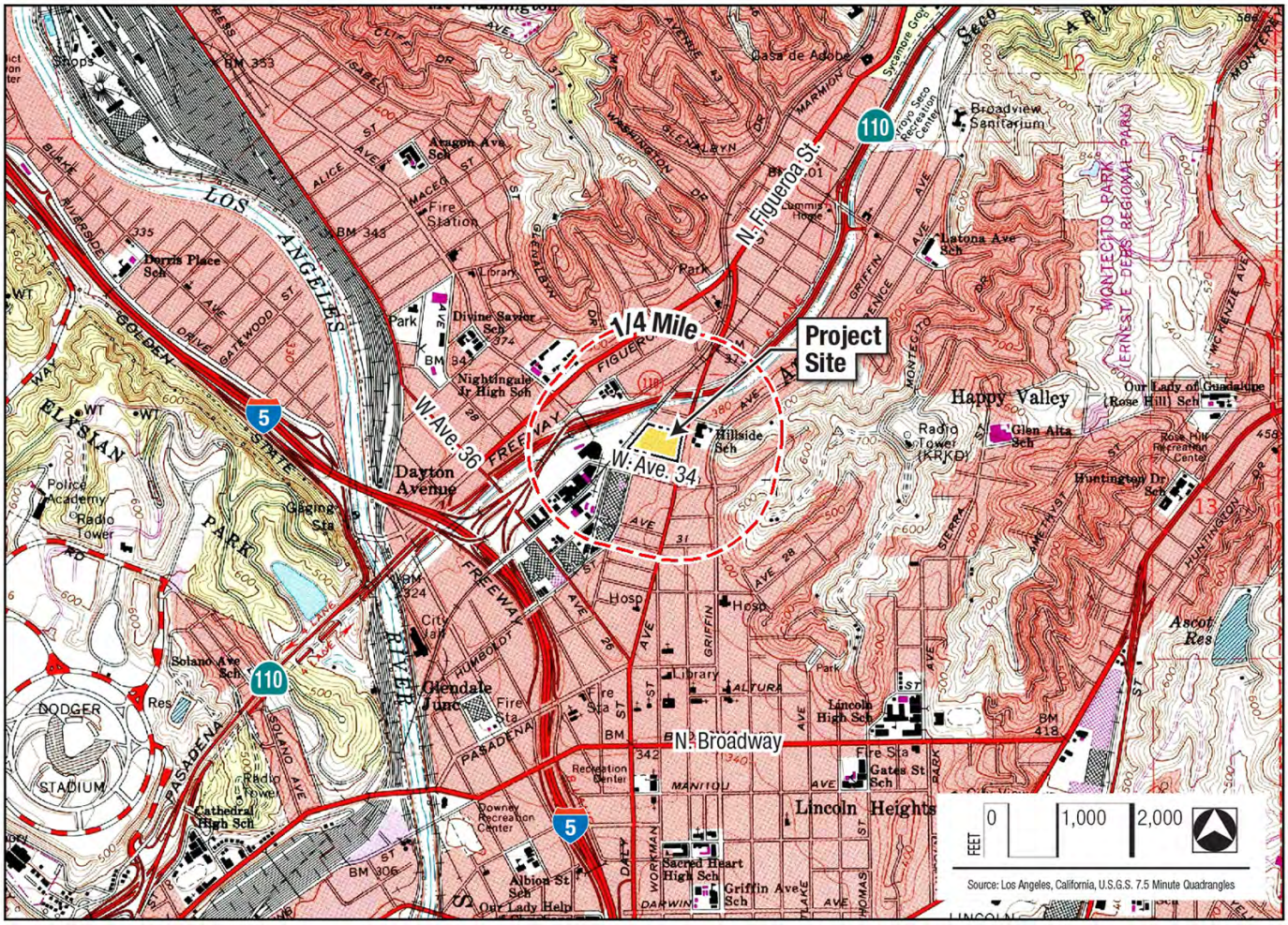
We are requesting the following: Resource Database Printout (list), Resource Database Printout (details), Resource Digital Database (spreadsheet), Report Database Printout (list), Report Database Printout (details), Report Digital Database (Spreadsheet), Resource Record Copies, Report Copies Office of Historic Preservation Historic Properties Directory, Archaeological Determinations of Eligibility, Los Angeles Cultural Monuments, and Historic Maps.

We also request the complete reports and/or site records for any cultural resources found within the Project site only, not the 0.25-mile study area. Envicom appreciates the SCCIC's help with this request. For correspondence or questions regarding this Project, please contact Wayne Bischoff at 818-879-4700 or (wbischoff@envicomcorporation.com).

Sincerely,

Dr. Wayne Bischoff
Director of Cultural Resources

Attachment:
Project vicinity map on 1:24,000 topographic map



envicom
CORPORATION

August 8, 2019

Native American Heritage Commission
1550 Harbor Boulevard, Room 100
West Sacramento, CA 95691

Subj: Cultural Resources Phase I Assessment for Avenue 34 Project
(Envicom Project #19-082-101)

To Whom it May Concern,

Envicom Corporation (Envicom) is requesting a record review of the Native American Heritage Commission (NAHC) records of cultural resources for the Project site, plus a **0.25-mile study area**. We also request a list of Tribal Group representatives for the area in the event we need to contact their offices. The Project site is located at:

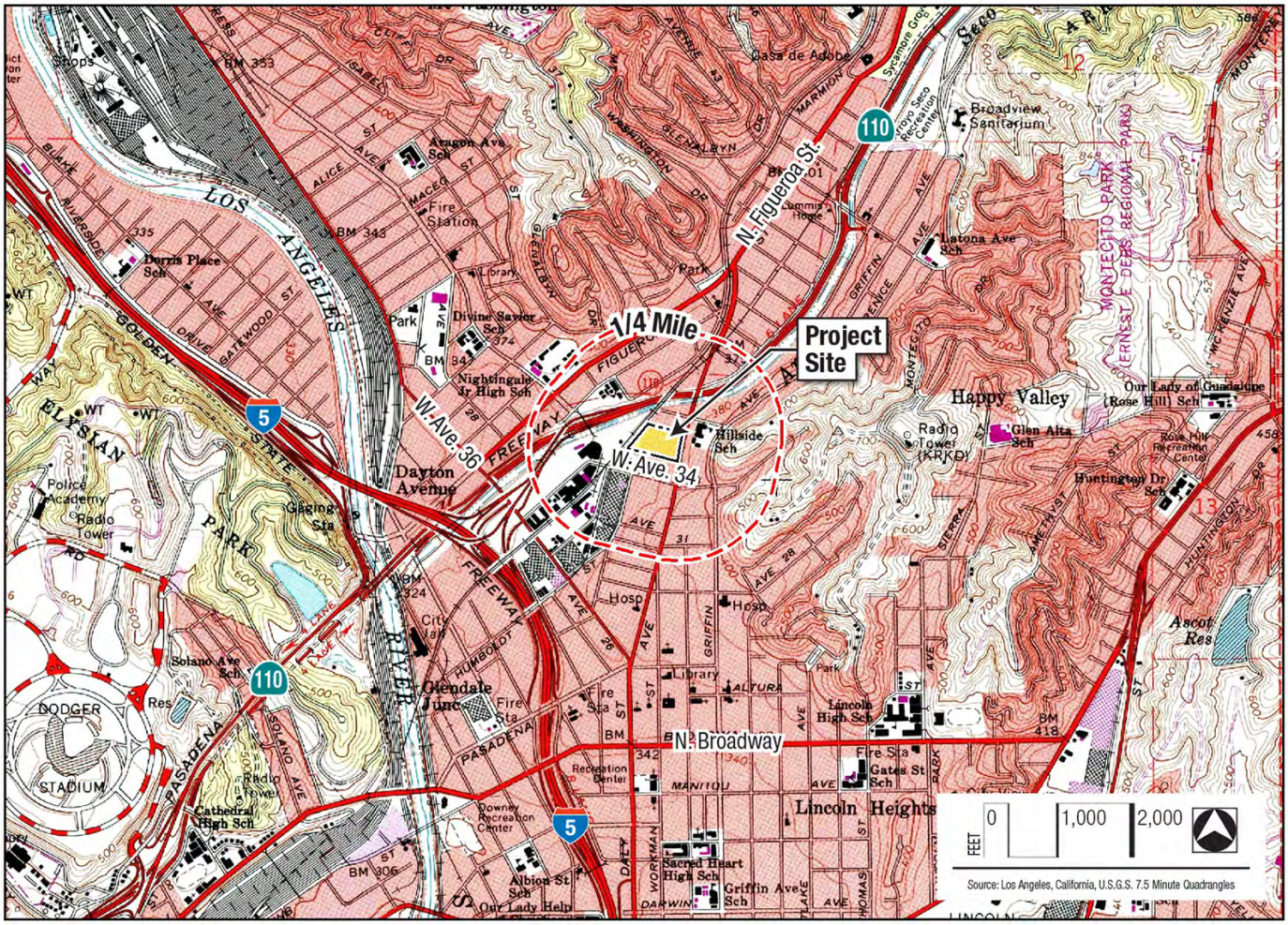
United States Geological Survey 7.5' Quadrangles: Los Angeles, CA Township: 1 South Range: 19 West Section: 9 Latitude: 34° 5'5.14"North Longitude: 118°12'52.33"West

Envicom appreciates the NAHC's help with this request. For correspondence or questions regarding this Project, please contact Wayne Bischoff at 818-879-4700 or (wbischoff@envicomcorporation.com).

Sincerely,

Dr. Wayne Bischoff
Director of Cultural Resources

Attachment:
Project vicinity map on 1:24,000 topographic map



envicom
CORPORATION

August 8, 2019

Natural History Museum of Los Angeles
900 Exposition Blvd.
Los Angeles, CA 90007

Attn: Dr. Samuel McLeod

Subj: Cultural Resources Phase I Assessment for Avenue 34 Project
(Envicom Project #19-082-101)

Dear Dr. McLeod:

Envicom Corporation (Envicom) is requesting a record search of the Natural History Museum of Los Angeles County (NHM) database for paleontological resources/sensitivity for the Project site and surrounding area (within 0.25 mile of the Project site), as well as a map/listing of all paleontological resources previously identified within the attached Project site, plus the 0.25-mile study area. The Project site is located at:

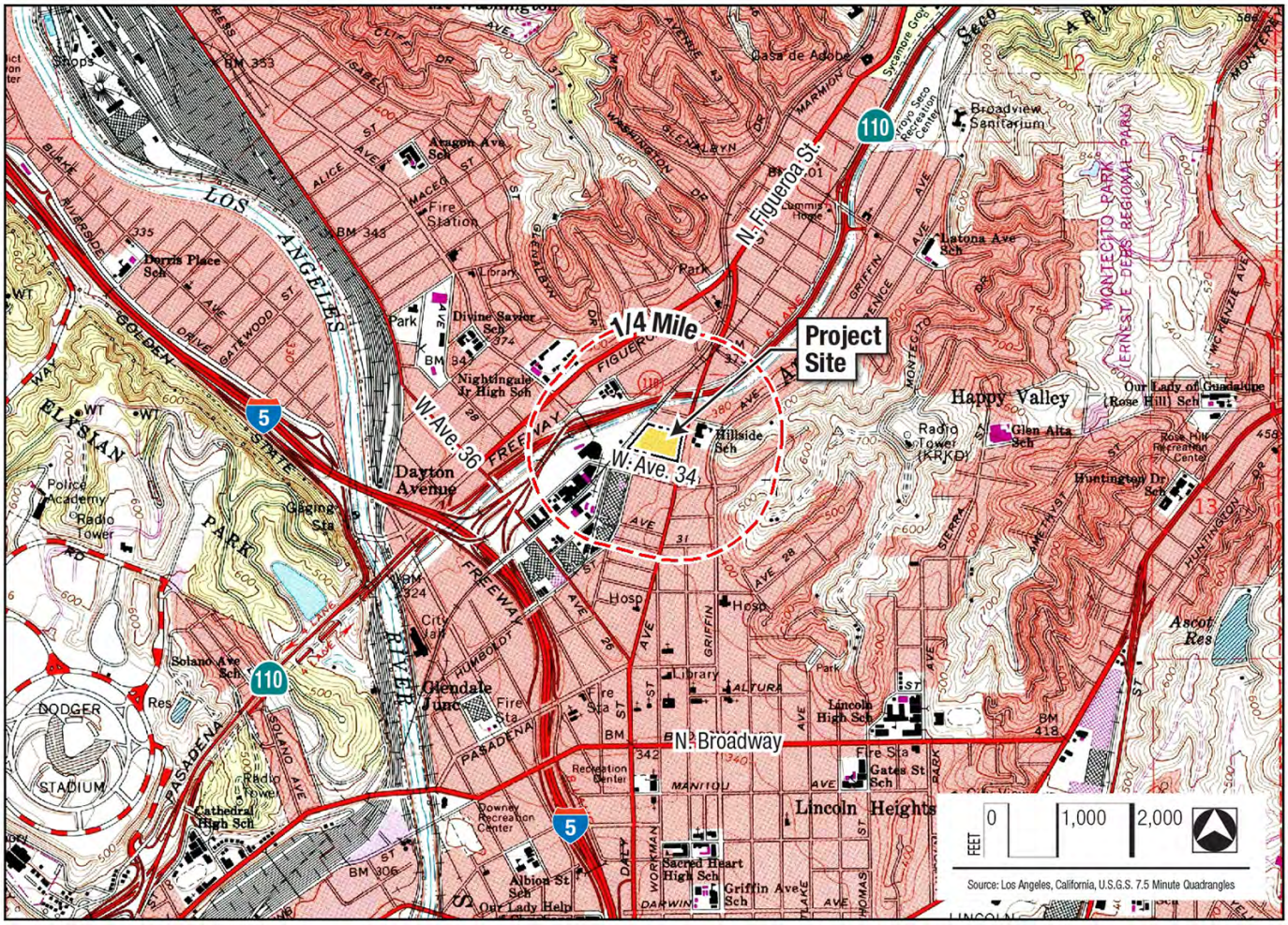
United States Geological Survey 7.5' Quadrangles: Los Angeles, CA Township: 1 South Range: 19 West Section: 9 Latitude: 34° 5'5.14"North Longitude: 118°12'52.33"West

Envicom appreciates the NHM's help with this request. For correspondence or questions regarding this Project, please contact Wayne Bischoff, at 818-879-4700 or (wbischoff@envicomcorporation.com).

Sincerely,

Dr. Wayne Bischoff
Director of Cultural Resources

Attachment:
Project vicinity map on 1:24,000 topographic map



envicom
CORPORATION

APPENDIX B
NAHC and NHM Response Letters

NATIVE AMERICAN HERITAGE COMMISSION
Cultural and Environmental Department
1550 Harbor Blvd., Suite 100
West Sacramento, CA 95691
Phone: (916) 373-3710
Email: nahc@nahc.ca.gov
Website: http://www.nahc.ca.gov
Twitter: @CA_NAHC

September 3, 2019

Wayne Bischoff
Envicom

VIA Email to: wbischoff@envicomcorporation.com

RE: Avenue 34 Project, Los Angeles County

Dear Mr. Bischoff:

A record search of the Native American Heritage Commission (NAHC) Sacred Lands File (SLF) was completed for the information you have submitted for the above referenced project. The results were negative. However, the absence of specific site information in the SLF does not indicate the absence of cultural resources in any project area. Other sources of cultural resources should also be contacted for information regarding known and recorded sites.

Attached is a list of Native American tribes who may also have knowledge of cultural resources in the project area. This list should provide a starting place in locating areas of potential adverse impact within the proposed project area. I suggest you contact all of those indicated; if they cannot supply information, they might recommend others with specific knowledge. By contacting all those listed, your organization will be better able to respond to claims of failure to consult with the appropriate tribe. If a response has not been received within two weeks of notification, the Commission requests that you follow-up with a telephone call or email to ensure that the project information has been received.

If you receive notification of change of addresses and phone numbers from tribes, please notify the NAHC. With your assistance, we can assure that our lists contain current information. If you have any questions or need additional information, please contact me at my email address: steven.quinn@nahc.ca.gov.

Sincerely,

Steven Quinn
Associate Governmental Program Analyst

Attachment

Native American Heritage Commission
Native American Contact List
Los Angeles County
9/3/2019

Gabrieleno Band of Mission Indians - Kizh Nation
Andrew Salas, Chairperson
P.O. Box 393 Gabrieleno
Covina, CA, 91723
Phone: (626) 926 - 4131
admin@gabrielenoindians.org

Gabrieleno/Tongva San Gabriel Band of Mission Indians
Anthony Morales, Chairperson
P.O. Box 693 Gabrieleno
San Gabriel, CA, 91778
Phone: (626) 483 - 3564
Fax: (626) 286-1262
GTTribalcouncil@aol.com

Gabrielino /Tongva Nation
Sandonne Goad, Chairperson
106 1/2 Judge John Aiso St., #231 Gabrielino
Los Angeles, CA, 90012
Phone: (951) 807 - 0479
sgoad@gabrielino-tongva.com

Gabrielino Tongva Indians of California Tribal Council
Robert Dorame, Chairperson
P.O. Box 490 Gabrielino
Bellflower, CA, 90707
Phone: (562) 761 - 6417
Fax: (562) 761-6417
gtongva@gmail.com

Gabrielino-Tongva Tribe
Charles Alvarez,
23454 Vanowen Street Gabrielino
West Hills, CA, 91307
Phone: (310) 403 - 6048
roadkingcharles@aol.com

This list is current only as of the date of this document. Distribution of this list does not relieve any person of statutory responsibility as defined in Section 7050.5 of the Health and Safety Code, Section 5097.94 of the Public Resource Section 5097.98 of the Public Resources Code.

This list is only applicable for contacting local Native Americans with regard to cultural resources assessment for the proposed Avenue 34 Project, Los Angeles County.

Natural History Museum
of Los Angeles County
900 Exposition Boulevard
Los Angeles, CA 90007

tel 213.763.DINO
www.nhm.org

NATURAL HISTORY MUSEUM
LOS ANGELES COUNTY

Vertebrate Paleontology Section
Telephone: (213) 763-3325

e-mail: smcleod@nhm.org

22 August 2019

Envicom Corporation
4165 East Thousand Oaks Boulevard, Suite 290
Westlake Village, CA 91362

Attn: Wayne Bischoff, Ph.D., Director of Cultural Resources

re: Paleontological resources for the proposed Avenue 34 Project, Envicom Project # 19-082-101, in the City of Los Angeles, Los Angeles County, project area

Dear Wayne:

I have conducted a thorough check of our paleontology collection records for the locality and specimen data for the proposed Avenue 34 Project, Envicom Project # 19-082-101, in the City of Los Angeles, Los Angeles County, project area as outlined on the portion of the Los Angeles USGS topographic quadrangle map that Samantha Whittington sent to me via e-mail on 8 August 2019. We do not have any vertebrate fossil localities that lie directly within the proposed project area boundaries, but we do have vertebrate fossil localities nearby from sedimentary deposits similar to those that occur at depth in the proposed project area.

Surface deposits in the entire proposed project area consist of younger Quaternary Alluvium, derived primarily as alluvial deposits from the Arroyo Seco drainage immediately to the north. These deposits typically do not contain significant vertebrate fossils in the very uppermost layers, but they are underlain by older Quaternary deposits that do contain significant vertebrate fossils. Our closest vertebrate fossil locality from older Quaternary deposits beneath the younger Quaternary Alluvium is LACM 1023, due south of the eastern border of the proposed project area east of the Golden State Freeway (I-5) near the intersection of Workman Street and Alhambra Avenue, where excavations for a storm drain recovered fossil specimens of turkey, *Meleagris californicus,* sabre-toothed cat, *Smilodon fatalis*, horse, *Equus*, and deer, *Odocoileus*, at unstated depth. A specimen of the turkey, *Meleagris*, from this locality was

published in the scientific literatus by D. W. Steadman (1980. A Review of the Osteology and Paleontology of Turkeys (Aves: Meleagridinae). Contributions in Science, Natural History Museum of Los Angeles County, 330:131-207). A little further south, also east of the Golden State Freeway (I-5) near the intersection of Mission Road and Daly Street, we have another locality, LACM 2032, also from older Quaternary deposits beneath the younger Quaternary Alluvium, that produced fossil specimens of pond turtle, *Clemmys mamorata*, ground sloth, *Paramylodon harlani*, mastodon, *Mammut americanum*, mammoth, *Mammuthus imperator*, horse, *Equus*, and camel, *Camelops*, at a depth of 20-35 feet below the surface. The pond turtle specimens from locality LACM 2032 were figured in the scientific literature by B.H. Brattstrom and A. Sturn (1959. A new species of fossil turtle from the Pliocene of Oregon, with notes on other fossil *Clemmys* from western North America. Bulletin of the Southern California Academy of Sciences, 58(2):65-71).

Surface grading or very shallow excavations in the uppermost few feet of the younger Quaternary Alluvium in the proposed project site area are unlikely to uncover significant fossil vertebrate remains. Deeper excavations in the proposed project area that extend down into older sedimentary deposits, however, may well encounter significant vertebrate fossils. Any substantial excavations in the proposed project area below the uppermost layers, therefore, should be closely monitored to quickly and professionally collect any specimens without impeding development. Also, sediment samples should be collected and processed to determine the small fossil potential in the proposed project area. Any fossils recovered during mitigation should be deposited in an accredited and permanent scientific institution for the benefit of current and future generations.

This records search covers only the vertebrate paleontology records of the Natural History Museum of Los Angeles County. It is not intended to be a thorough paleontological survey of the proposed project area covering other institutional records, a literature survey, or any potential on-site survey.

Sincerely,

Samuel A. McLeod

Samuel A. McLeod, Ph.D.
Vertebrate Paleontology

enclosure: invoice

APPENDIX C
Resume of Dr. Wayne Bischoff (author)

Wayne Bischoff, Ph.D.

Envicom Director of Cultural Resources

Dr. Bischoff has over 20 years' experience managing cultural resource projects and ensuring compliance with California Environmental Quality Act (CEQA), Section 106 of the National Historic Preservation Act (NHPA), the National Environmental Protection Act (NEPA), and state, county, city, and local government cultural laws, guidelines, and procedures. He has managed cultural, paleontological, ethnographic, and built environment projects throughout Southern California, including the Counties of Ventura, Los Angeles, Kern, Imperial, San Diego, Orange, Santa Barbara, Riverside, and San Bernardino. Dr. Bischoff has authored cultural resource section of Environmental Impact Reports (EIR), Mitigated Negative Declarations (MND), Environmental Impact Statements (EIS), Environmental Assessments (EA), Programmatic Agreements (PA), Memorandum of Agreements (MOA), and Memorandum of Understanding (MOU).

Dr. Bischoff has been the principal or project manager for hundreds of cultural resource projects in Southern California, including record searches, surveys, evaluations, and data recoveries, built environment and historic architectural inventories, HABS projects, paleontological surveys, ethnographic reports and Native American consultation, and historic structure evaluations. He has also has worked with most of the Tribal Groups of Southern California, including the Chumash, Tongva, Washo, Yokut, Piute, Quechan, Cahuilla, Tataviam, San Manuel, Morongo, Luiseno. He has also provided Native American consultation for the City of Los Angeles and for many other municipalities throughout the region.

Recent Professional Projects

- **Simi BMX Course Phase I Survey, Simi Valley, CA.** Principal and Project Manager for the completion of a record search, NAHC record search request, and a site survey. (July 2018 – Current)
- **Phase I Survey for the Massilia Spa Project, Los Angeles County, CA.** Principal and Project Manager for the completion of a record search, NAHC record search request, and a site survey. Project also includes an inventory and initial assessment of over a dozen 1930 through 1990 structures on the property (June 2018 – Current)
- **Los Angeles Community College District (LAUSD) Environmental On-Call (including cultural resources), Los Angeles County, CA.** Principal, Project Manager, and cultural resource consultant as needed. (February 2018 – Current)
- **Los Angeles Unified Schools Department (LAUSD) Environmental On-Call (including cultural resources), City of Los Angeles, Los Angeles County, CA.** Principal, Project Manager, and cultural resource consultant as needed. Envicom was one of 15 companies to be awarded this large on-call contract. (February 2017 – Current)
- **Phase I Survey of the Butler Ranch, in Ventura County near west Simi Valley, California.** Principal and Project Manager for the completion of a Phase I record search, NAHC record search request, and a site survey of this 332-acre low density residential development project. (May 2018 – Current)

- **Phase I Survey for the 17-acre Olivas Park Extension commercail development project in Ventura, Ventura County, CA.** Principal and Project Manager for the completion of a record search, NAHC record search request, and a site survey, followed by limited monitoring. (January 2018 – Current)
- **Review of Technical Documents and EIR Cultural Section Writing for "The Agroua Villege Expansion" project, Agoura Hills, Los Angeles County, CA.** Professional review of project cultural resource documents and authoring of cultural resource section of MND for this large mixed use project. The primary challenge is that the development is located on a significant prehistoric Native American cultural resource. Native American consultation took place in July with the Chumash and Tataviam Tribal Groups (January 2018 – Current)
- **CA-LAN-321 Phased Evaluation Project, Agoura Hills, Los Angeles County, CA.** Principal and Project Manager for the phased evaluation (Phase II) of CA-LAN-321 in response to potential impacts from the construction of the Conrad N. Hilton Foundation Phase 2 Campus Building. The site is a prehistoric Chumash residential and ceremonial center of over 80-acres in size and that was used by prehistoric Native Americans from 400 A.D. to the late 1700s. Dozens of test units, hundreds of shovel test pits, surface collection, and surface feature mapping have been completed to date planned. Native American consultation took place in July with the Chumash and Tataviam Tribal Groups (August 2015 – Current)
- **City of Thousand Oaks Environmental On-Call (Including Cultural Resources), Los Angeles County, CA.** Envicom was selected as one of a limited number of on-call environmental firms for the City. (June 2015 – Current)
- **Phase I(b) Survey of the proposed Forrest Club 50-acre private club development, Los Angeles County, CA (with Samantha Whittington and Charlie Fazzone).** Principal and Project Manager for the completion of a record search, NAHC record search request, and a site survey. In addition, 24 shovel test pits were excavated across the locations of two 1920s historic cabins. No further work was required. (April 2018 – June 2018)
- **Phase I Survey for the Ascension Lutheran Church Master Plan and MND, Thousand Oaks, California, Los Angeles County, CA.** Principal and Project Manager for the completion of a record search, NAHC record search request, and a site survey. (May 2018 – June 2018)
- **Phase I Survey for the Mulholland Senior Living Project, Los Angeles County, CA.** Principal and Project Manager for the completion of a record search, NAHC record search request, and a site survey. (May 2018 – May 2018)
- **Phase I Survey of the proposed Tapo at Alamo EIR for a mixed-use development project, Simi Valley, Ventura County, CA (with Samantha Whittington and Debbie Balam).** Principal and Project Manager for the completion of a record search, NAHC record search request, and a site survey. (March 2018 – May 2018)
- **Cultural, Paleo, and Native American Monitoring for the Agoura Hills Marriott Development Project.** Principal and Project Manager for this monitoring project. During monitoring, a prehistoric Chumash cultural resource was discovered, which led to artifact collection, analysis, and a final report of findings (January 2018 – May 2018)

- **Phase I Survey of the proposed 113-133 West Plymouth Street multiple unit residential development, Inglewood, Los Angeles County, CA (with Samantha Whittington, Debbie Balam, and Charlie Fazzone).** Principal and Project Manager for the completion of a record search, paleontological record search, NAHC record search request, and a site survey. (April 2018 – April 2018)
- **Phase I Survey of the Upper Bailey Road tract, Sylmar, Los Angeles County, CA (with Samantha Whittington and Debbie Balam).** Principal and Project Manager for the completion of a record search, NAHC record search request, and a site survey. (December 2017 – April 2018)
- **Phase I Survey of the Lower Bailey Road tract, Sylmar, Los Angeles County, CA (with Samantha Whittington and Debbie Balam).** Principal and Project Manager for the completion of a record search, NAHC record search request, and a site survey. (December 2017 – April 2018)
- **Historic Structure Evaluation of Blythe Elementary School for LAUSD.** Project Manager for this project, with Chattel, Inc., being the historic preservation consultant. (February 2018 – April 2018)
- **Historic Structure Evaluation of Robert Hill Lane Elementary School for LAUSD.** Project Manager for this project, with Chattel, Inc., being the historic preservation consultant. (February 2018 – April 2018)
- **Historic Structure Evaluation of James Madison Middle School for LAUSD.** Project Manager for this project, with Chattel, Inc., being the historic preservation consultant. School was found eligible for the CRHR. (February 2018 – April 2018)
- **Historic Structure Evaluation of 54th Street Elementary School for LAUSD.** Project Manager for this project, with Chattel, Inc., being the historic preservation consultant. School was found eligible for the CRHR. (February 2018 – April 2018)
- **Historic Structure Evaluation of Chapman Elementary School for LAUSD.** Project Manager for this project, with Chattel, Inc., being the historic preservation consultant. (February 2018 – April 2018)
- **Historic Structure Evaluation of Dena Street Elementary School for LAUSD.** Project Manager for this project, with Chattel, Inc., being the historic preservation consultant. (February 2018 – April 2018)
- **Historic Structure Evaluation of Patrick Henry Middle School for LAUSD.** Project Manager for this project, with Chattel, Inc., being the historic preservation consultant. School was found eligible for the CRHR. (February 2018 – April 2018)
- **Historic Structure Evaluation of Richland Avenue Elementary School for LAUSD.** Project Manager for this project, with Chattel, Inc., being the historic preservation consultant. (February 2018 – April 2018)
- **Marinette Road Residential Development, Pacific Palisades, Los Angeles County, CA.** Principal and project manager for this development project, which included a record search, site survey, Tribal Group scoping letters, and agency consultation. The major challenge was that the project property was within the Will Rogers State Monument and National Register site boundary. An update for this project was conducted in 2018 to include AB-52 compliance. (February 2015 – May 2015; January 2018 – April 2018)

- **Phase I Survey for 6956 Dume Drive, Malibu, California, Los Angeles County, CA (with Samantha Whittington).** Principal and Project Manager for the completion of an SCCIC and NAHC record search, and a site survey. (February 2018 – March 2018)
- **Phase I Survey of roughly 50-acres for Improvements on the Saddlerock Ranch/Malibu Wines Property in the Santa Monica Mountains, Los Angeles County, CA.** Principal and Project Manager for the completion of a record search, NAHC scoping, and a site survey. This project involves upgrades to the winery existing structures and public buildings, as well as road and parking improvements. Part of this project is located near a National Register Chumash rock art site as well as other prehistoric resources (November 2016 – March 2018)
- **Phase I Survey for 28730 Grayfox, Malibu, California, Los Angeles County, CA (with Samantha Whittington).** Principal and Project Manager for the completion of an SCCIC and NAHC record search, and a site survey. (January 2018 – February 2018)
- **Phase I Survey for 11681 Foothill Boulevard, a multiple-unit residential project in Sylmar, California, Los Angeles County, CA.** Principal and Project Manager for the completion of a record search, NAHC record search request, and a site survey. (November 2017 – February 2018)
- **Phase I Survey for a single family property development along Yerba Buena Road, Ventura County, CA.** Principal and Project Manager for the completion of an SCCIC and NAHC record search, and a site survey. (December 2017 – January 2018)
- **Phase I Survey for 34134 Mulholland Highway, Los Angeles County, CA.** Principal and Project Manager for the completion of a record search, NAHC record search request, and a site survey. (December 2017 – January 2018)
- **Faunal, Osteological, Archaeological, and Fossil Consultation for Citadel Environmental and Turner-Hunt for the Hollywood Park Development Project (new Rams NFL Stadium).** Osteological and paleontological consultant for Kiewit, Turner, and Citadel for the construction of the new Rams NFL stadium in Ingelwood. Project included discovery and recordation of modern and fossil mammal bones. (December 2016 – January 2018)
- **Phase I Survey for 24600 Thousand Peaks Road, Calabassas, California, Los Angeles County, CA.** Principal and Project Manager for the completion of a record search, NAHC record search request, and a site survey. (November 2017 – January 2018)
- **Phase I Survey for 28929 Grayfox, Malibu, California, Los Angeles County, CA.** Principal and Project Manager for the completion of an SCCIC and NAHC record search, and a site survey. (November 2017 – January 2018)
- **Manzanita School Phase Ia Survey for a 20.27-acre private school development in Topanga Canyon, California, Los Angeles County, CA.** Principal and Project Manager for the completion of an SCCIC and NAHC record search, and a site survey. (May 2017 – January 2018)
- **Phase I Survey for the 181 to 187 Monterrey Road Condominium Project, a small residential development near South Pasedena, California, Los Angeles County, CA.** P Principal and Project Manager for the completion of an SCCIC and NAHC record search, and a site survey. (July 2017 – January 2018)

- **Phase I Survey for for the Agoura Village project, a 7.37-acre Commercial Subdivision in the City of Agoura Hills, Los Angeles County, CA.** Principal and Project Manager for the completion of a record search, NAHC scoping, and a Phase Ia site survey. The Phase Ia survey was followed by a Phase Ib subsurface survey and an updated site form for a previously known prehistoric cultural resource that includes the entire project area. (October 2016 – December 2017)
- **Phase I survey for 22866 Beckledge Terrace, Malibu, California.** Principal and Project Manager for the completion of a record search, NAHC record search request, and a site survey. (September 2017 – November 2017)
- **Lynn Road Residentitial Development Project, Construction Monitoring, Newbury Park, CA.** Principal and Project Manager for the surface collection and construction monitoring for this 10-acre residential construction project. (October 2017 – November 2017)
- **Phase II Evaluation of two cultural resources located on the Oakmont project property, City of Agoura Hills, Los Angeles County, CA.** Principal and Project Manager for the evaluation of a prehistoric cultural resource and a 1920s-1980s historic homestead cultural resource. Evaluation tasks included shovel test pits, and a test unit for the prehistoric cultural resource, and detailed mapping and documents research for the historic cultural resource. A combined report for both Oakmont projects was produced for the City. (August 2017 – October 2017)
- **City of Pomona Environmental On-Call (Including Cultural Resources), Los Angeles County, CA.** Envicom successful won inclusion as one of six on-call environmental firms for the City. (October 2014 – October 2017)
- **Phase I Survey for for the Oakmont commercial project, a 5.75-acre development in the City of Agoura Hills, Los Angeles County, CA.** Principal and Project Manager for the completion of NAHC record search, and a Phase Ia site survey. The Phase Ia survey identified two cultural resources; a 1920s historic homestead foundation, and a large prehistoric archaeological site. (August 2017 – October 2017)
- **Phase I Assessment of the West Hills Crest 37-acre Residential Subdivision in West Hills, City of Los Angeles.** Principal and Project Manager for the completion of a record search and project area site survey. A key issue for this project was the record search being positive for a prehistoric cultural resource within the development area. This resource, CA-LAN-1223, was further investigated with 22 shovel test pits, and evaluated as not being a significant cultural resource. (February 2017 – October 2017)
- **Phase I Survey for 15498 LaPeyre Court, a residential development in Moorpark, Ventura County, CA.** Principal and Project Manager for the completion of a record search, NAHC record search request, and a site survey. Project also included coordination with numerous biology tasks. (August 2017 – September 2017)
- **San Bernardino County Cultural, Historic Architecture, and Paleontology On-Call, San Bernardino, CA.** Envicom successful won inclusion in the limited on-call pool. (October 2014 – Current)
- **Pepperdine University Campus Life Project: Updated Cultural Resources Record Search.** Principal and Project Manager for an updated record search and letter report for the Pepperdine Campus Life housing, facilities, and trail development project. This update was part of an ammended campus-wide EIR (December 2017 – June 2017)

- **Fourth and Hewitt, City of Los Angeles, Los Angeles County, CA.** Principal and Project Manager for a cultural resource record search for the development of a new office building within a commercial urban environment. Project also included a paleontological assessment of the property due to an extensively deep planned parking garage and Native American concerns. Also completed with an Ethnographic Report to meet AB-52 criteria. Another key issue was determining whether a historic built environement assessment was needed. (February 2017 – January 2017)
- **Pepperdine University Campus Life Project: Phase I survey of new Baseball Field development.** Principal and Project Manager for the addition of the campus baseball field as part of the larger Pepperdine Campus Life housing, facilities, and trail development project. (February 2017 – June 2017)
- **Phase I Survey for the Copper Canyon Project, a 5-acre residential development near Santa Clarita, California, Los Angeles County, CA.** Principal and Project Manager for the completion of a record search, NAHC record search request, and a site survey. Also part of the project was the resurvey of two previously recorded cultural resources within the project boundary. (May 2017 – July 2017)
- **Phase Ia Survey for the Oneonta Hillside Drive, a residential development in South Pasadena, Los Angeles County, CA.** Principal and Project Manager for the completion of an SCCIC and NAHC record search, and a site survey. (May 2017 – July 2017)
- **North Canyon Ranch 170-acre Residential Subdivision in Simi Valley, Ventura County, CA.** Principal and Project Manager for the completion of a record search and project area site survey. A key issue for this project was a previously disturbed cultural resource within the project area, the destruction of which needed to be addressed in the final report. (May 2017 – August 2017)
- **Construction Monitoring for Parcel 2058-003-010, Lobo Canyon, Los Angeles County.** Principal and Project Manager for the surface collection and construction monitoring for this single family residential construction project. (July 2015 – August 2016)**.**
- **Phase I Survey for the 12300 Valley Boulevard Hotel, a commercial development in El Monte, Los Angeles, CA.** Principal and Project Manager for the completion of a record search, NAHC record search request, and a site survey for this small residential development. (June 2017 – August 2017)
- **Phase Ia Survey for the Holiday Inn Express Hotel, a commercial development in El Monte, Los Angeles, CA.** Principal and Project Manager for the completion of a record search, NAHC record search request, and a site survey for this small residential development. (July 2017 – August 2017)
- **Arcadia Town Homes MND Phase I Cultural Assessment for a multi-unit residential development in Arcadia, Los Angeles, CA.** Principal and Project Manager for the completion of a record search, NAHC record search request, and a site survey for this multi-unit residential development. (May 2017 – August 2017)
- **Phase I Survey for the 6625 Bradley Road, a residential development in Somis, Ventura County, CA.** Principal and Project Manager for the completion of a record search, NAHC record search request, and a site survey for this small residential development. (June 2017 – July 2017)

- **Phase I Survey for 3800 Figueroa, an apartment complex development in Los Angeles, Los Angeles County, CA.** Principal and Project Manager for the completion of a record search, NAHC record search request, and a site survey for apartment complex development. (June 2017 – August 2017)
- **11172 Santa Paula Road Phase Ia Survey for a 5.5-acre Agricultural property in Ojai, California, Ventura County, CA.** Principal and Project Manager for the completion of a record search, NAHC record search request, and a site survey. (May 2017 – June 2017)
- **6658 Reseda Boulevard, City of Reseda, Los Angeles County, CA.** Principal and Project Manager for a Phase 1 record search for this urban mixed use project. (March 2017 – May 2017)
- **Paradise Valley Development Project Environmental Impact Report and Impact Statement, Riverside County, CA.** Author of the cultural section for this EIR for a housing and mixed use development of over 2200-acres east of Indio, California. Also reviewed original techical documents, and incorporated legal and agency comments. Mitigation measures included the management and monitoring of dozens of cultural resources, sensitive soils, and paleontological resources. (October 2014 – March 2017)
- **Phase I Cultural Resources Survey for Parcel 2058-003-010, Lobo Canyon, Los Angeles County, CA.** Principal and Project Manager for completion of a Phase Ia and NEPA permit for the project (USACOE, Los Angeles District). Extensive communications and consultation with the COE and SHPO. Project also involved the mitigation monitoring of a prehistoric cultural resource located on the property. (July 2016 – March 2017)
- **Phase I Survey for a 1.33-acre Mixed-Use development in the City of Northridge at the corner of Nordoff and Darby Streets, Los Angeles County, CA.** Principal and Project Manager for the completion of a record search, NAHC scoping, and a site survey. This project included a built-environment assessment of existing historic structures (October 2016 – February 2017)
- **Phase I Survey for a 0.5-acre Residential Subdivision in the City of Los Angeles at the end of Crisler Way, Los Angeles County, CA.** Principal and Project Manager for the completion of a record search, NAHC record search request, and a site survey. (October 2016 – February 2017)
- **Deer Lake Residential Development Cultural Monitoring, Porter Ranch, Los Angeles, CA.** Principal and Project Manager for the cultural monitoring of eight cultural resources within the project development boundary. This project includes the writing of a final Monitoring Report. (May 2016 – February 2017)
- **Phase I Survey for a 0.5-acre Mixed Use Development Project on Camarillo Avenue in North Hollywood, Los Angeles County, CA.** Principal and Cultural Project Manager for the completion of a record search, NAHC scoping, and a site survey. This project also included a historic built environment assessment (November 2016 – January 2017)
- **Phase I Survey for a 14-acre Residential Subdivision in Woodland Hills, CA.** Principal and Project Manager for the completion of a record search, NAHC scoping, and a site survey. This project involved consultation with the City of Los Angeles on AB-52 (July 2016 – January 2017)

- **Lynn Road Residentitial Development Project, Newbury Park, CA.** Principal and Project Manager for the Phase Ia and Phase Ib survey of this 10-acre parcel. A large prehistoric Middle-Period seasonal settlement was discovered, which required subsurface testing and extensive mapping of surface hearths, yucca roasters, and dwelling features. Project included public testimony before the Thousand Oaks Planning Commission. (September 2015 – December 2016)
- **Pepperdine University Campus Life Project: Debris Basin Excavation Cultural and Paleontolgoical Resource Monitoring, Los Angeles, CA.** Principal and Project Manager for cultural resource monitoring of Phase I of the Pepperdine Campus Life housing, facilities, and trail development project. (August – October 2016)
- **Trail Construction Monitoring, Conrad N. Hilton Foundation.** Principal and Project Manager for the development of a pedestrian foot trail loop between the Foundation and the nearby "Ridge" professional building, including the excavation of dozens of shovel test pits and a major surface collection of prehistoric artifacts, including trail construction monitoring. (August – September 2016)
- **32640 PCH Phase I Cultural Resource Survey, Santa Monica, CA.** Principal and Project Manager for the Phase I cultural resource assessment of a ravine rehabilitation project between the Pacific Coast Highway and the Pacific Ocean. Included a record search, site survey, and technical report. (May 2015 – June 2016)
- **Conrad N. Hilton Foundation Trail Project Cultural Assessment, Agoura Hills, Los Angeles County, CA.** Project Manager for the Phase 1b survey of a new pedestrian access trail linking off-site office space with the Foundation campus buildings. Project included the excavation of over 30 shovel test pits and the recording of numerous prehistoric features. (May – August 2016)
- **CA-LAN-321 Project Compliance Plans, and Native American and Lead Agency Consultation, Agoura Hills, Los Angeles County, CA.** Tasks included the authoring of a cultural resource Treatment and Data Recovery Plan, a cultural resource Management Plan, and a Curation Plan for all artifacts, as well as the organization of meetings with the Chumash Tribal Groups and the Lead Agency. (April 2015 – June 2016)
- **Canyon Park Homes, Sylmar, Los Angeles County, CA.** Native American Tribal Group consultation and pre-construction monitoring for this 80-acre residential property development, as well as EIR section writing. (February 2015 – March 2016)
- **Oakwood Schools Built Enviroment and Archaeological Assessment, North Hollywood, Los Angeles County, CA.** Principal and Project Manager for the Phase I cultural resource assessment of the project property prior to the construction of a new middle and high school campus within the North Hollywood area. Challenging tasks included Native American ghost writing for the lead agency (City of Los Angeles) and addressing a modern human cremation garden in the report (November 2015 – February 2016)
- **Floral Canyon Residential Development Cultural Resource Survey, North Hollywood, CA.** Principal and Project Manager for this Phase Ia cultural resource survey of an 8-acrea property. The cultural resource parts of the CEQA checklist were also completed. (September – December 2015).

- **Hilton Property Phase 3 Construction Site Phase Ib Cultural Resources Survey, Agoura Hills, Los Angeles County, CA.** Principal and Project manager for this extensive preliminary survey project, including excavation of over 200 shovel test pits and 4 test units to define the boundaries of a prehistoric ceremonial site of over 80-acres in size, used by Chumash Native Americans from 400 A.D. to the late 1700s. Recordation of over 190-features and 11,500 artifacts. Second phase will include data recovery tasks and an ammended Environmental Impact Report. (February 2014 – March 2015)
- **Blessed Theresa Church Construction, City of Winchester, Riverside County, CA.** Cultural consultation including cultural/paleo monitoring issues. (April 2014 – July 2014)
- **Village at Los Carneros, City of Goleta, Santa Barbara County, CA.** Reviewed all previous technical studies and wrote part of the cultural sections of the Environmental Impact Report for this residential house development project. (March 2014 – April 2014)
- **3121 Old Topanga Canyon Road Phase I Survey and Literature Search, City of Calabasas, Los Angles County, CA.** Principal and Project manager for this residential development project, including NAHC letters, literature review, site survey, paleontolgoical survey and literature search, final technical report, and the writing of the cultural resources section of the Environmental Impact Report. (March 2014 – April 2014)
- **Beacon Solar, Hecate Energy and LADWP, Kern County, CA.** Business Developer for the archaeology and biological monitoring, pre-construction surveys, and desert totoise fence monitoring for this large, 2000-acre solar project for the Los Angeles Department of Water and Power. (July – October 2013).
- **Q-Cells Solar Survey, Palm Springs, Riverside County, CA.** Principal and Project Manager for a cultural survey and record search of 36-acres north of Palm Springs for solar development. (October 2013 – October 2013)
- **Pacific Gas and Electric NERC Support Monitoring, sub to URS, Northern and Central California.** Principal and Project Manager for this 4-year project in support of the national NERC power pole reliablity project for PG&E. Involves cultural, biological, and paleontological monitoring and field surveys. (October 2013 – October 2013)
- **Gold Bar Transmission Line Survey, McEwen Mining, Eureka County, NV.** Principal and Project Manager for this 2,577-acre cultural survey for the develelopment of a 33-mile transmisstion line to service the Gold Bar Mine in Nevada. Bureau of Land Management was the principal Federal agency. (April 2013 – October 2013).
- **East Kern Wind Resource Area (EKWRA) Power Pole Replacement Project, Environmental Intelligence / Southern California Edison, Kern County, CA.** Principal and Project Manager. This two-year project included cultural resource surveys, the evaluation of numerous cultural sites, and cultural and paleontological monitoring for the construction of over 130-miles of new power poles and fiber optics lines to service Tehachapi Moutain wind farms. (January 2013 – October 2013)
- **Pure Source Power, Victorville, San Bernardino, CA.** Principal and Project Manager for a cultural survey and record search of 140-acres north of Palm Springs for solar development. (September 2013 – October 2013)

- **Dry Ranch Solar Project, Silverado Power, Los Angeles County, CA.** Principal. Dr. Bischoff managed this 64-acre solar project near Lancaster, which included a record search, field survey, and cultural report to meet CEQA compliance. This project included coordination with Southern California Edison for a gen-tie line and telecom attachments. (March - April 2013)
- **Plainview Solar Project, Silverado Power, Los Angeles County, CA.** Principal. Dr. Bischoff managed this 114-acre solar project near Lancaster, which included a record search, field survey, and cultural report to meet CEQA compliance. (April - May 2013)
- **Silverleaf Solar Project, Cultural and Paleontolgoical Survey, Agile Engergy, Imperial County, CA.** Principal and Project Manager. Dr. Bischoff provided general review and quality control for a large solar project south of San Diego. This project involved an over 2,000-acre survey of proposed solar fields and 5-miles of electrical transmission gen-tie lines. The bureau of Land Management was the principal Federal agency. (November 2011 - July 2012)
- **Desert Harvest Solar Project, Build Environment Survey, eneXco Energy, Riverside County, CA.** Project Manager. Dr. Bischoff was the project manager for the built environment survey of 1,600-acre solar field and 12-miles of electrical transmission gen-tie lines. This included the production of a separate technical report for the Bureau of Land Management that included a historic structure inventory, assessment of signficance, and an indirect effects analysis. (November 2011 - June 2012)
- **Silverleaf Solar Project, Built Environment Survey, Agile Engergy, Imperial County, CA.** Project Manager. Project Manager. Dr. Bischoff was the project manager for the built environment survey of 2,000-acre solar field and 5-miles of electrical transmission gen-tie lines. This included the production of a separate technical report for the Bureau of Land Management that included a historic structure inventory, assessment of signficance, and an indirect effects analysis. (November 2011 - July 2012)
- **IVSC2 Solar Project, County of Imperial, Imperial County, CA.** Principal and Project Manager. Dr. Bischoff provided oversight of the 140-acre solar project east of the Salton Sea. This project was notable for the quick response time required to field a survey crew and complete a draft report for the County (Sept-Oct 2012)
- **Desert Harvest Solar Project, Cultural and Paleontological Resource Survey, eneXco Energy, Riverside County, CA.** Principal and Project Manager. Dr. Bischoff provided general review and quality control for a large solar project northeast of Blythe, CA. This project involved an over 1,600-acre survey of proposed solar fields and 12-miles of electrical transmission gen-tie lines. Bureau of Land Management was the principal Federal agency. (November 2011 - July 2012)
- **Desert Harvest Solar Project, Build Environment Survey, eneXco Energy, Riverside County, CA.** Project Manager. Dr. Bischoff was the project manager for the built environment survey of 1,600-acre solar field and 12-miles of electrical transmission gen-tie lines. This included the production of a separate technical report for the Bureau of Land Management that included a historic structure inventory, assessment of signficance, and an indirect effects analysis. (November 2011 - June 2012)

- **AT&T Fiber-optics Renewal Project, Evaluations, Mitigations, and Monitoring, AT&T, San Bernardino County, CA.** Cultural Principal and Project Manager. Dr. Bischoff will provide project management, technical writing, and quality control for the cultural and paleontological evaluations, data recoveries, and monitoring efforts for the AT&T fiber renewal project. This project involved the survey of over 90 miles of proposed new fiber-optic line between Barstow and Las Vegas, NV, and the management of over 100-cultural sites. Bureau of Land Management and Mojave National Preserve were the principal Federal agencies. (July 2013 – October)
- **Fiber Node Evaluations, Freedom Communications, Orange County, CA.** Cultural Principal. Dr. Bischoff provided general project management and quality control for the cultural background record searches and surveys for dozens of telecommunication sites throughout the City of Irvine as part of the Freedom Communications site development project. Dozens more sites are expected to be tested in the coming year. (April 2012 – October 2013)
- **San Diego Churches and Public Building Historic Structure Evaluations, DePratti Inc., City of San Diego, CA.** Principal Investigator. Dr. Bischoff acted as Principal and QA/QC manager for this project, which involved the evaluation of dozens of historic structures as part of the DePratti Communication telecommunication attachment project in the City of San Diego. (November 2011 – October 2013)
- **The Plunge Evaluation, DePratti Inc., City of San Diego, San Diego County, CA.** Principal for this historic architecture project involving the structural evaluation and National Register documentation for The Plunge historic salt-water bath house in San Diego. (September 2013 – September 2013)
- **AT&T Fiber-optics Renewal Project, Surveys, Literature Searches, and Technical Studies, AT&T, San Bernardino County, CA.** Cultural Principal and Project Manager. Dr. Bischoff provided general project management and quality control for the cultural, paleontological, and ethnographic surveys, literature searches, and technical studies. This project involved the survey of over 90 miles of proposed new fiber-optic line between Barstow and Las Vegas, NV, and the management of over 100-cultural sites. Bureau of Land Management and Mojave National Preserve were the principal Federal agencies. (April 2012 – July 2013)
- **Digital West Fiber Line Feasibility Study, San Luis Obispo to Los Angeles, Counties of San Luis Obispo, Sanata Barbara, Ventura, and Los Angeles, CA.** Project Manager for this large feasibility study for placing a new fiber line down the US 101 freeway cooridor. Biological, cultural, paleontological, and permitting constraints were all examined. (April 2012 – July 2013)
- **Digital 395 Broadband Stimulus Project, Praxis and California Broadband Corporation, California and Nevada.** Cultural Director. Dr. Bischoff acted as the California report manager of the cultural division, directed fieldwork, and authored management documents and reports. This project involved the new installation of over 650 miles of fiber-optic line across California and Nevada. The programmatic agreement of this complex project included 10 federal, state, and tribal agencies, with another seven acting as interested parties, and the management, evaluation, and monitoring of over 170 cultural sites. NTIAA was the Principal Federal Agency, but also involved twelve other California and Nevada State and Federal agencies and Tribal Groups (November 2011 – April 2012)

- **Fort Irwin Cell Tower Geotech Boring Monitoring, Northrop-Grumman and Fort Irwin Army Post, San Bernardino County, CA.** Principal. This project involves the cultural and paleo monitoring of sensitive areas as part of the construction of over 24 new cell tower locations. (October 2013 – October 2013)
- **Edwards Airforce Base Telecommunication Cultural Monitoring, Team Fischel Company, Edwards AFB, Kern County, CA.** Project Manager and Principal for the cultural monitoring of 40-miles of telecommunication trenching on Edwards AFB, including pre-construction meetings and a final monitoring report. (May 2013 – Sept. 2013)
- **Fort Irwin Cell Tower Surveys and Monitoring, Northrop-Grumman and Fort Irwin Army Post, San Bernardino County, CA.** Principal. This project involves the cultural and paleo survey of over 24 new cell tower locations and associated access roads on Fort Irwin, as well as construction phase monitoring. (April 2013 – October 2013)
- **Marine Corps Base, Camp Pendleton, Cultural Resources Consultation, Marine Corps Base, Pendleton, San Diego County, CA.** On-Call Senior Cultural Resources Consultant. Dr. Bischoff provided senior-level cultural resource consultation related to Camp Pendleton's Basewide Utilities Infrastructure Improvements project. He provided consulting on cultural resource management for several waste treatment and utility line systems as part of the Camp's "Grow the Force" initiative. (2011 – October 2013)
- **Pacoima Spreading Grounds Improvement Project, LACDPW, Los Angeles County, CA.** Cultural Principal. Dr. Bischoff managed the cultural resources record search and CEQA cultural section mitigation measures of an EIR for the improvement of the Pacoima spreading grounds and related canal resources. (April 2013 – October 2013)
- **Devil's Gate Reservoir Sediment Removal and Management Project, LACDPW, Los Angeles County, CA.** Principal of Cultural Resources. This project involved removal of sediment within the Devil's Gate Reservoir area, which required a preliminary cultural survey and record search under CEQA, as well as an EIR. Dr. Bischoff served as the cultural principal for the project and provided a recommended plan for dealing with sedimentary soils vs. native soils, monitoring criteria, and potential discovery situations. Dr. Bischoff helped write Environmental Impact Report sections, and worked with the Gabrieleno Tribal Group in the protection of archaeological and tribal cultural resources. (2011 – October 2013)
- **Peck Road Spreading Basin Improvement Project, LACDPW, Los Angeles County, CA.** Cultural Principal. Dr. Bischoff managed the cultural resources record searches, field survey, paleontological survey, and CEQA cultural section mitigation measures of an MND for the improvement of the Peck Road Spreading Basin, including a related new water discharge pipe. (June 2013 – September 2013)
- **Marina Del Rey Waterline Replacement Project Cultural Monitoring, LACDPW, Los Angeles County, CA.** Cultural Principal. This project with the Los Angeles Department of Public Works involved the cultural monitoring for the Marina Del Rey 18-inch Waterline Replacement. Chambers Group also provided a qualified archaeological monitor at the project site during excavation activities during construction. (March - May 2013)
- **Dieguto Wetlands Restoration Monitoring, Southern California Edison, Del Mar, San Diego County, CA.** Principal Investigator and Project Manager. This project involved the extensive rehabilitation of Southern California Edison property as part of the Dieguto Wetlands Restoration project. (April 2012 - January 2013)

- **Live Oaks Spreading Grounds Project, LACDPW, Los Angeles County, CA.** Cultural Principal. Dr. Bischoff managed the cultural resources record search and site visit for this public works project. (April 2013 – October 2013)
- **Los Penasquitos Wetlands Monitoring, AMEC, Del Mar, San Diego County, CA.** Principal Investigator. Dr. Bischoff managed the monitoring tasks, budgets, and professional standards for this project near the City of Del Mar as part of the Torrey Pines State Nature Reserve restoration. (October - December 2012)
- **San Gorgonio Creek Water Recharge Basin Construction Monitoring, Beaumont Cherry Valley Water District, Cherry Valley, Riverside County, CA.** Principal and Project Manager. This project involved paleontological and archaeological construction monitoring during construction, including emergency evaluation and monitoring when early 19Th Century structures and materials were unexpectedly encountered during earth moving. (February 2012 – April 2012)
- **Penmar Golf Course Water Quality Improvement Project, Pacific Hydrotech and City of Santa Monica, Santa Monica, CA.** Principal Investigator. Dr. Bischoff managed QA/QC review, budgets, and professional standards for the project in the City of Venice. Penmar was a multi-year waterline and tank improvement project in which evidence of ethnic Japanese barrios and fossil Pleistocene animal bones were discovered. (November 2011 - November 2012)
- **Oxford Retention Basin Flood Protection Project, LACDPW, Los Angeles County, CA.** Principal and Project Manager. The Oxford Basin in Marina Del Rey was receiving enhancement, and Dr. Bischoff managed the completion of the cultural survey, literature review, and construction monitoring for the project. (2011 - 2012)
- **Veterans Administration, VISN 21 On-Call, Western States, Teamed with KAL Architectes.** This project will provide cultural and biological technical services for Veterans Administration projects from October 2013 to October 2018. (October 2013 – October 2013)
- **Historic Structure Evaluations for Statewide Weatherization Efforts, sub to ICF for the State of California, All Counties, CA.** Project Manager and Principal. This project involves meeting NEPA compliance for low-income subsidized weatherization efforts throughout the State of California. Hundreds of structures will be evaluated as part of this project by a Chambers Architectural Historian using a abbreviated format. (November 2011 to October 2013)
- **CEQA Services for Improvements to Polytechnic and Wilson High Schools, LBUSD, City of Long Beach, CA.** Cultural Principal. Dr. Bischoff provided oversight and incorporation of the historic architecture technical reports into the project CEQA documents. (June 2013 – August 2013)
- **Mill Creek Crew Room Cultural Monitoring, Angeles National Forest (ANF), Los Angeles County, CA.** The County of Los Angeles Department of Public Works proposed to replace the crew room building within the Angeles Forest Mill Creek Summit Maintenance Yard facility. This CEQA/NHPA project involved the preparation of a treatment and discovery plan document, ARPA permitting, constant consultation with the ANF, construction monitoring, and a final monitoring report. (April – July 2013)

- **Review of Technical Report and CEQA Documents Relating to the Proposed Demolition of Santa Ana Public Building #16, City of Santa Ana, Santa Ana, CA.** Principal. This project involved the review of technical documents, mitigation measures, and CEQA documents relating to the demolition of a 1950s public building in the City of Santa Ana. (May 2013 – July 2013)
- **Roosevelt School, LBUSD, City of Long Beach, CA.** Cultural Principal. Dr. Bischoff provided oversight, authorship, and counsel on the EIR for the demolition of the Roosevelt Elementary School in Long Beach. This proved to be a complex project, involving an historic built environment resource evaluation and mitigation plan, legal investigation, and extensive responses to public comments. This process resulted in a HABS/HAER mitigation project. (November 2011 - June 2012)
- **Foothill Toll Road Cultural and Paleontological Monitoring, Ghiradelli and Associates, Orange County, CA.** Principal and Project Manager for cultural monitoring related to the upgrade of all tollroad payment stations in Orange County. (October 2013 – October 2013)
- **9th Street Extension Historic Structure Inventory and Evaluation, City of Holtville, Imperial County, CA.** Principal and Project Manager. Dr. Bischoff managed and provided QA/QC for this project involving a Caltrans inventory of project APE historic built environment resources, and the historic evaluation of a canal feature. Final deliverables included a Historic Resources Evaluation Report and a Historic Property Survey Report to CALTRANS standards. (June 2013 – August 2013)
- **Francisquito Bridges Replacement (3-Total), LADWP/CALTRANS, Los Angeles County, CA.** Principal. Dr. Bischoff managed and oversaw the completion of this project in the Angeles Forest. This project involved the replacement of three existing bridges on San Francisquito Canyon Road over San Francisquito Canyon Creek. The proposed improvement project involved widening the two lane bridges, improvement of approachment roadway, and the placement and installation of retaining walls, concrete barriers with tubular-steel handrails, and metal beam guardrails. (2011 – September 2013)
- **Murrieta Whitewood Road Extension, City of Murrieta, Riverside County, CA.** Principal and Project Manager. This road extension project involved a cultural resource survey and records search, a paleontolgoical field study, and native american Consultation due to the historic use of the nearby Murrieta Hot Springs by local Native Americans. (April – June 2012)
- **Nuevo Road/ I-215 Interchange Improvement in the City of Perris, CALTRANS, Riverside County, CA.** Principal. Dr. Bischoff managed and provided QA/QC for this project involving street widening and additional improvements at the Nuevo Road/ I-215 interchange. Final deliverables included a record search and a survey report to CALTRANS standards. (2011 – 2012)
- **Soledad Canyon Road Bridge Replacement Project, LACDPW, Los Angeles County, CA.** Principal. LADPW intends to replace a bridge on Soledad Canyon Road. Chambers Group completed a record search and NAHC records review for potential archaeological resources. This project is on-going and may in the future involve further work, including cultural and historic structure surveys and evaluation. (2011 – 2012)

- **Grove Lumber Facility Cultural and Paleontological Technical Studies, Thatcher Engineering, City of Perris, Riverside County, CA.** Principal for the cultural technical studies for this development project, including cultural and paleontological record searches, NAHC letters, and a cultural study (October 2013 – October 2013)
- **Newport Beach Yacht Club Evaluation, Community Development Department, City of Newport Beach, Orange County, CA.** Principal for this historic architecture project involving the built environment evaluation of the Newport Beach Yacht House. (October 2013 – October 2013)
- **Blossom Plaza Historic Structure Evaluation, China Town, City of Los Angeles, CA.** Principal for this historic architecture project involving the updating of technical reports and a standing structure evaluation. (July 2013 – September 2013)
- **Moreno Valley Residential Building Evaluation, City of Moreno Valley, Riverside, CA.** Principal for the architectural assessment of the J. Langdon Ranch located at 11761 Davis Street, in the city of Moreno Valley, Riverside County, California. (April 2013)
- **Indian Wells Tennis Court Development Project, Indian Wells, Riverside County, CA.** Principal Provided technical review of the planning documents cultural section, as well as oversaw Native American Heritage Commission communication for this project to enhance the Indian Wells Tennis Garden complex. (December 2012 – April 2013)
- **Scripps Hospital Paleontological and Archaeological Monitoring, Worley-Parsons, City of Encinitas, CA.** Principal Investigator. Dr. Bischoff managed QA/QC review, budgets, and professional standards for the cultural and paleontological monitoring of this large development project. (2011 - 2013)
- **Tehachapi Renewable Transmission Project (TRTP), Southern California Edison, Kern, Los Angeles, and San Bernardino Counties, CA.** Principal and Project Manager. Dr. Bischoff was responsible for all office and field operations that ensured the successful inventory and management of cultural resources related to this 300-mile transmission line project, including the management of standing historical structures and paleontological resources. He managed an annual budget in excess of $4 million, a staff of up to 40 persons, wrote compliance documents (Programmatic Agreement Appendices, ARPA permits, Project Agency Yearly Reports, and Management Plans), and managed hazmat situations. Dr. Bischoff completed over 150 individual projects in southern California including survey, evaluation, mitigation, and resource monitoring. He wrote individual budgets for project-specific tasks, as well as construction-related administrative tasks, each with different scopes of work and budget amounts. He reconciled all budgets on a monthly basis and coordinated them with the master construction schedule. Dr. Bischoff managed field compliance with NEPA, with TRTP-specific environmental agency agreements, and with the cultural section of the project EIR/EIS and Programmatic Agreement. He also met legal and agency guidelines for Section 106 of NHPA, CEQA, NAGPRA, and TRTP Cultural Resource Management Plan. The Angeles National Forest was the lead Federal Agency, but the CPUC and other Federal and California State Agencies were also involved. (November 2009 - June 2011)

- **East Kern Wind Resource Area (EKWRA) Power Pole Replacement Project, Southern California Edison, Kern County, CA.** Principal and Project Manager. Dr. Bischoff managed original technical studies for a project designed to replace hundreds of power poles in the Tehachapi Mountains area in support of new wind farm construction. He conducted large area surveys, some on BLM properties, and developed a management plan for dozens of archaeological sites. Bureau of Land Management was the principal Federal agency. (February 2010 - June 2011)
- **San Jose Salt Barge HAER Documentation Project, USACE and Santa Clara Valley Water District, City of San Jose, CA.** Principal. Dr. Bischoff consulted on the excavation and evaluation of a shallow-water shipwreck discovered during a wetlands rehabilitation project. This project involved USACE, San Francisco District as lead agency and the Water District as client. (January – February 2011)
- **Operations and Maintenance Contract, Southern California Edison. Southern California.** I acted as the Principal for all work orders issued to our office under the O/M contract. A major task under this contract was the response to the Crown Fire in 2010. I worked directly with SCE during and immediately after the fire to evaluate and protect cultural resources. (Jan 2010 - June 2011)
- **Crown Fire Survey and Cultural Site Update, Southern California Edison, Los Angeles County, CA.** Project Manager. Dr. Bischoff led the cultural response to the Crown Fire, which included surveying and updating known cultural sites as part of the SCE post-fire power pole and access road inspection. (August – Sept. 2010)

PHASE I ENVIRONMENTAL SITE ASSESSMENT

135, 141 &153 West Avenue 34, and 3401 & 3433 Pasadena Avenue
Los Angeles, California 90031

Prepared for
MR Real Estate, LLC

Report Date
July 19, 2019

Project Number
201906-5738

Fulcrum Resources Environmental

517 South Ivy Avenue
Monrovia, California 91016
1-800-385-7105
www.frenviro.net

Fulcrum Resources Environmental (Fulcrum) has performed a Phase I Environmental Site Assessment of the property located at 135, 141 &153 West Avenue 34, and 3401 & 3433 Pasadena Avenue, Los Angeles County, Los Angeles, California 90031 in general conformance with the scope and limitations of the protocol and the limitations stated earlier in this report. Exceptions to or deletions from this protocol are discussed in this report.

Fulcrum declares that, to the best of our professional knowledge and belief, the undersigned meet the definition of *Environmental Professionals* as defined in §312.10 of this part [40 CFR Part 312], and have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. Fulcrum has developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Prepared By

_____

Emily Sturnfield, MS, LG
Senior Geologist
Environmental Professional

Reviewed By

_____

Ling Cao, MS
Project Manager, Principal Consultant
Environmental Professional

Final Review By

_____

Don Kellar, P.G.
Senior Project Manager, Hydro-geologist
Environmental Professional

· EXECUTIVE SUMMARY ·

Fulcrum Resources Environmental (FR) has conducted a Phase I Environmental Site Assessment in accordance with the American Society for Testing and Materials (**ASTM**) Standard Practice E1527-13 and U.S. Environmental Protection Agency Standards and Practices for All Appropriate Inquiries (40 CFR Part 312) for the subject property addressed at **135, 141 &153 West Avenue 34, and 3401 & 3433 Pasadena Avenue, Los Angeles County, Los Angeles, California 90031** (subject property) per the request of MR Real Estate, LLC (Client). The work was authorized by written contract dated June 19, 2019.

Additional Addresses

The subject property was historically associated with the following addresses:

1906
On West Avenue 34: 119, 139, 141, 143, 145, 147, 149, 153, 157
On Pasadena Avenue: 3403, 3407, 3417, 3419, 3423, 3429, 3431, 3437

1920
On West Avenue 34: 119, 139, 141, 143, 145, 147, 149, 153, 157
On Pasadena Avenue: 3401, 3403, 3407, 3411, 3417, 3419, 3423, 3425, 3429, 3431, 3437, 3439, 3441

1951
On West Avenue 34: 119, 123, 129, 133, 139, 141, 145, 149, 153, 155, 169
On Pasadena Avenue: 3401, 3407, 3415, 3417, 3419, 3421, 3423, 3425, 3429, 3431, 3437

1970
On West Avenue 34: 141, 153, 155, 169
On Pasadena Avenue: 3401, 3415, 3417, 3419, 3433, 3437

The additional addresses were researched as part of the subject property address range for the purposes of this Phase I Environmental Site Assessment.

Summary of Property Description

The subject property, 135, 141 &153 West Avenue 34, and 3401 & 3433 Pasadena Avenue, Los Angeles County, Los Angeles, California 90031, is located on the north side of West Avenue 34 and the west side of Pasadena Avenue, between North Artesian Street (to the west), within a highly-developed light industrial/commercial area. According to the Los Angeles County Tax Assessor's Office, the subject property is assigned the following Assessor's Parcel Numbers (APNs):

Address	APN	Land, sq feet	Building(s), sq feet
135 and 141 West Avenue 34	5205-004-011	157,560	87,980
153 West Avenue 34	5205-004-005	4,800	3,520
3401 Pasadena Avenue	5205-004-003	28,794	4,040 and 9,600
3433 Pasadena Avenue	5205-004-007	28,145	14,315

The subject property consists of four lots as described in Section 2.1 comprising a total of approximately 219,299 square-foot commercial lot. The parcels are described below based on publicly available information from the Los Angeles County Assessor Portal and site observations.

135 and 141 West Avenue 34

The property at 135 and 141 West Avenue 34 is currently improved with an industrial-commercial building of concrete construction, built in 1977. The building is comprised of two units, each of which includes office and warehouse space. The units are currently occupied by Ortiz Bros. Moving and Storage and Atlas Van Lines, a moving company; Phil's Transfer & Storage, Inc. for storage space; and Studio 34, Inc. for art studio space. Separate entrances and loading bays for the building are located near the southwest corner of the structure, and customer entry is achieved near the southeast corner of the building. Stacked corrugated steel shipping containers are located outside of the building in the parking areas in the south and central areas of the lot. The property features perimeter fencing of variable design, and motorized gate entry to the south along West Avenue 34.

153 West Avenue 34

The property at 153 West Avenue 34 is currently improved with an industrial-commercial building of brick and corrugated steel construction, built in 1929. The building is currently occupied by Ortiz Bros. Moving and Storage. The structure features a front entrance with a garage door for vehicular access along the southern boundary of the site. All other areas are asphalt paved with landscaped areas near the front entrance. Stacked corrugated steel shipping containers are located outside of the building in the parking areas to the north and northwest of the building. The property shares perimeter fencing with 145 and 141 West Avenue 34.

3401 Pasadena Avenue

The property at 3401 Pasadena Avenue is currently improved with an industrial-commercial building of wood-frame, cinderblock, and brick-façade construction on the east side of the parcel, built in 1925. That building is currently occupied by LootCrate, a merchandise wholesaler of apparel, games, accessories, and other various novelty items and collectables; and Call Time Quenchers, a beverage distribution company. Operational areas within the structure are primarily unfinished warehouse space with concrete flooring, utilized for storage of products, finished office/administrative areas with tile flooring and suspended drop-grid ceilings. The office portion of the structure features a split-level design with the second-story utilized for storage.

In the southeast corner of the site is a second industrial-commercial building of corrugated steel construction, built in 1948. The building is currently utilized as a warehouse for dry-goods storage. The

exterior of the property is asphalt paved with employee parking. An entrance is located near the southeast corner of the structure. The property also features perimeter chain link fencing with barbed wire and a manual gate for vehicular access along Pasadena Avenue.

3433 Pasadena Avenue

The property at 3433 Pasadena Avenue is currently improved with an industrial-commercial building of wood-frame and cinderblock construction with reinforced steel support beams and a brick façade, built in 1967. The building is also occupied by LootCrate. The building is comprised of office and work area space. The work area is partially finished with concrete and carpet flooring, and the office areas feature tile floors with drop-grid ceilings. The property shares parking areas and perimeter chain link fence with the 3401 Pasadena Avenue property.

All four parcels are together enclosed with fencing of variable design. A railroad corridor with a northeast/southwest alignment is present, parallel and adjacent to the western boundary of the subject property.

The subject property is occupied by the following tenants:

Property Address	Business Name	Business Operation
135 and 141 West Avenue 34	Ortiz Bros. Moving and Storage and Atlas Van Lines Phil's Transfer & Storage, Inc	Moving Company and Commercial Storage Moving Company and Commercial Storage
153 West Avenue 34	Ortiz Bros. Moving and Storage and Atlas Van Lines	Moving Company and Commercial Storage
3401 Pasadena Avenue	LootCrate Quick Time Quenchers	Merchandise Wholesaler Beverage Distributor
3433 Pasadena Avenue	LootCrate	Merchandise Wholesaler

The subject property has been owned by Mr. Eric Ortiz of Ortiz Bros. Moving and Storage since 2000, and has occupied the property since 1993.

Summary of Property History

Based on a review of available historical records, the north, west, and central areas of the subject property were vacant, and the east and west areas were developed with private residential structures by as early as 1894. Most of these residential properties persisted until 1964 with few exceptions, including the subject property warehouse building addressed 153 West Avenue 34 (constructed in 1929) along the southern boundary of the site, and the subject property warehouse buildings addressed 3401 Pasadena Avenue (constructed in 1925) and 3433 Pasadena Avenue (constructed in 1967) along the eastern boundary of the site. A railroad corridor has been historically present along the western boundary since at least 1894, and is still currently in use. A bakery occupied the southeast corner of the property (original occupant of the 3401 Pasadena Avenue building) from 1919 until at least 1951, and was redeveloped as a machine and woodworking shop in 1970.

The historic industrial areas of the subject property have a more complicated history, and are discussed here as the "historic industrial areas". These areas include the north, west, and central parts of the site. The historic industrial areas were vacant and undeveloped in 1894 until at least 1906. By 1920, these areas were developed and occupied by the Los Angeles Sand & Gravel Company, which occupied the property until at least 1928, and terminated by 1938, at which time the historic industrial areas of the subject property consisted of vacant land. By 1948, these areas were redeveloped with six industrial structures, occupied by Steel Framing & Building Corporation in 1951, and ITT Cannon Electronics Inc. from at least 1964-1970. The historic industrial areas were demolished and consisted of vacant and graded land in the 1977 aerial photograph, and the subject property buildings addressed 135 and 141 West Avenue 34 were constructed in 1977 according to building department files and tax assessor records, and was occupied by American Caster Corp from 1977 until the property was purchased by the current owner, Mr. Eric Ortiz, in 1999. The subject property has been primarily occupied by Ortiz Brothers Moving & Storage, with a variety of tenants between 1999 and present. Refer to Section 4.1.

Summary of Regulatory Database Concerns

The subject property was not identified on any of the federal, state, or local regulatory records databases in the Environmental Data Resources, Inc. (EDR) Radius report.

Vapor Encroachment Condition (VEC)

A total of 8 sites were identified in the Radius Map Report and historical research within the "Area of Concern" that were considered to pose a potential VEC at the subject property based on the Tier 1 Evaluation. Tier 1 sites are:

- **3505 Pasadena Avenue** (Map ID B41-47) – this site was identified under the operator name Former Welch's Uniform Services and is located adjacent to and north of the subject property. The site is listed in the following databases from the report: UST (2), RCRA-LQG, ENVIROSTOR, LUST, CPS-SLIC (2), VCP, SWEEPS UST, HIST UST, CA FID UST, FINDS, ECHO, EMI, HIST CORTESE, CERS, DRYCLEANERS, HAZMAT, and EDR Hist Cleaner. Based on regulatory oversight and on-going SVE remediation with semi-annual groundwater monitoring, and the most recent (2016) analytical data available, this site does not represent a VEC to the subject property.

- **3500 Pasadena Avenue** (Map ID F61, 62) – this site was identified under the operator names Smith W P and Chuy Carburetors, and is located approximately 250 feet northeast of the subject property. The site is listed in the EDR Hist Cleaner and HAZMAT databases. Based on the available information, this site does not represent a VEC to the subject property.

- **3225 Lacy Street** (Map ID H67-73) – this site was identified under the operator names Heath & Co, and Maintenance and Operations New Maintenance Company for the Los Angeles Unified School District. The site is located approximately 350 feet southwest of the subject property, and is listed in the following databases from the report: HIST UST, UST, SWEEPS UST, CA FID UST,

RCRA-LQG, HAZMAT, LUST, FINDS, ECHO, HIST CORTESE, and CERS. Based on separation distance and site closure status, this site does not represent a VEC to the subject property.

- **3209 East Humboldt Street (**Map ID I74-78) – this property is located approximately 600 feet south of the subject property, and was identified under the operator ITT Cannon / Kennington. The site is listed in the following databases from the report: HAZMAT, UST, RCRA-SQG, FINDS, SEMS, ENVIROSTOR, VCP, SWEEPS UST, CA FID UST, DEED, HIST CORTESE, CPS-SLIC, LA Co. Mitigation, and CERS. Based on separation distance and regulatory oversight of cleanup activities with active groundwater monitoring, this site does not represent a VEC to the subject property.

- **3580 Pasadena Avenue** (Map ID J94-97) – this site was identified under the operator name Flavor Food Inc. and is located approximately 700 feet northeast of the subject property. The site is listed in the following databases from the report: SWEEPS UST, CA FID UST, LUST, HIST UST, HIST CORTESE, CERS, and UST. Based on separation distance and site closure status, this site does not represent a VEC to the subject property.

- **3101 Artesian Street** (Map ID N98-104) – this site was identified under the operator names Lincoln Heights District and P D D Construction MTNC. The site is located approximately 730 feet southwest of the subject property, and is listed in the following databases from the report: SWEEPS UST, CA FID UST, UST (2), LUST (2), RCRA-SQG, FINDS, ECHO, HAZMAT, CERS HAZ WASTE, HIST UST (2), CERS TANKS, HIST CORTESE, and CERS. Based on separation distance from the subject property, this site does not represent a VEC to the subject property.

- **301 West Avenue 26** (Map ID S127-128) – this property is located approximately 1,700 feet southwest of the subject property and was identified under the operator names Jaybee and Ajax Manufacturing. The site is listed in the ENVIROSTOR, VCP, EMI, and SEMS databases. Based on separation distance and regulatory oversight of cleanup activities with active groundwater monitoring, this site does not represent a VEC to the subject property.

- **400 West Avenue 26** (Map ID T129, 130, 133) – this site was identified under the operator name Lacy's Street Dump and is located approximately 1,700 feet southwest of the subject property. The site is listed in the WMUDS/SWAT, LDS, CERS (2), and SWF/LF (2) databases. Based on separation distance and regulatory closure status, this site does not represent a VEC to the subject property.

In our opinion, none of the other sites listed pose a significant threat to the subject property as there is no indication of a release at the respective sites, a release has occurred but the medium affected was the soil only and the site is beyond the critical distance of 100 feet, or the site location and/or plume of contamination is in excess of the critical distance of 100 feet from the subject property. Thus, a VEC can be ruled out because a VEC does not or is not likely to exist at the subject property.

Data Gaps

No significant data gaps were identified.

Refer to Section 1.4 for a discussion of the limitations, data failures, and/or data gaps encountered during this assessment.

· FINDINGS ·

Recognized Environmental Conditions (RECs)

In defining a standard of good commercial and customary practice for conducting an environmental site assessment of a parcel of property, the goal of the processes established by this practice is to identify recognized environmental conditions (RECs). The term recognized environmental conditions means the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the subject property or into the ground, ground water, or surface water of the subject property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include *de minimis* conditions that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be *de minimis* are not recognized environmental conditions.

This assessment has revealed no evidence of RECs in connection with the subject property.

Historical Recognized Environmental Condition (HREC)

A Historical Recognized Environmental Condition (HREC) is a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by regulatory authority, without subjecting the property to any required controls (e.g. property use restrictions, AULs, institutional controls, or engineering controls).

This assessment has revealed no evidence of HRECs in connection with the property.

Controlled Recognized Environmental Condition (CREC)

A Controlled Recognized Environmental Condition (CREC) is a REC resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (as evidenced by the issuance of a NFA letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (property use restrictions, AULs, institutional controls, or engineering controls).

This assessment has revealed no evidence of CRECs in connection with the subject property.

· CONCLUSIONS & RECOMMENDATIONS ·

FR has conducted a Phase I Environmental Site Assessment in accordance with the American Society for Testing and Materials (**ASTM**) Standard Practice E1527-13 and Environmental Protection Agency Standards and Practices for All Appropriate Inquiries (40 CFR Part 312) for the subject property addressed at **135, 141 &153 West Avenue 34, and 3401 & 3433 Pasadena Avenue, Los Angeles County, Los Angeles, California 90031**. This assessment has revealed no evidence of Recognized Environmental Conditions (RECs) during the course of this assessment with the property.

FR recommends no further investigations for the subject property at this time.

· TABLE OF CONTENTS ·

· 1.0 INTRODUCTION · 1

1.1 PURPOSE 1
1.2 SCOPE OF WORK 2
1.3 SIGNIFICANT ASSUMPTIONS 3
1.4 LIMITATIONS, DATA FAILURES, AND DATA GAPS 3
1.4.1 LIMITING CONDITIONS/DEVIATIONS 4
1.4.2 DATA FAILURES 4
1.4.3 DATA GAPS 4
1.5 QUALIFICATION STATEMENT OF PROFESSIONAL 4
1.6 USER RELIANCE 5

· 2.0 SITE DESCRIPTION · 6

2.1 LOCATION AND LEGAL DESCRIPTION 6
2.2 GENERAL CHARACTERISTIC 6
2.3 CURRENT PROPERTY USE 7
2.4 CURRENT ADJOINING PROPERTIES DESCRIPTION 8
2.5 MUNICIPAL SERVICES AND UTILITIES 8
2.6 PHYSICAL SETTINGS 8
2.6.1 TOPOGRAPHY 8
2.6.2 GEOLOGY/SOIL CONDITIONS 9
2.6.3 HYDROGEOLOGY 9

· 3.0 PROPERTY RECONNAISANCE · 10

3.1 PROPERTY CONDITION OBSERVATIONS 10
3.2 ASTM RECONNAISSANCE FINDINGS 10
3.3 ASTM NON-SCOPE CONSIDERATIONS 12

· 4.0 HISTORICAL USE SUMMARY · 15

4.1 HISTORICAL AERIAL PHOTOGRAPHS REVIEW 15
4.2 HISTORICAL SANBORN MAP COVERAGE REVIEW 17
4.3 PROPERTY TAX FILE 21
4.4 RECORDED LAND TITLE RECORDS 21
4.5 USGS 7.5 MINUTE TOPOGRAPHIC MAPS 21
4.6 HISTORICAL CITY DIRECTORY LISTINGS 22
4.7 BUILDING DEPARTMENT RECORDS 32
4.8 ZONING/LAND USE RECORDS 35
4.9 PREVIOUS REPORTS 35
4.10 OTHER HISTORICAL RECORDS 37

4.11 HISTORICAL SUMMARY **37**

· 5.0 INTERVIEWS/USER INFORMATION · **39**

5.1 INTERVIEWS **39**
5.2 USER INFORMATION **39**
5.2.1 ENVIRONMENTAL LIENS AND/OR ACTIVITY AND USE LIMITATIONS (AULS) 39
5.2.2 SPECIALIZED KNOWLEDGE 39
5.2.3 VALUATION REDUCTION FOR ENVIRONMENTAL ISSUES 40
5.2.4 COMMONLY KNOWN OR *REASONABLY ASCERTAINABLE* INFORMATION 40
5.2.5 OTHER USER PROVIDED INFORMATION 40

· 6.0 GOVERNMENT DATABASE SECTION · **41**

6.1 ENVIRONMENTAL DATABASE SUMMARY **41**
6.2 PROPRIETARY DATABASE LISTINGS **59**
6.3 VAPOR ENCROACHMENT CONDITION **59**
6.4 AGENCY RECORDS **62**

· 7.0 CONCLUSIONS & RECOMMENDATIONS · **63**

· 8.0 REFERENCES · **64**

· 9.0 ACRONYMS · **65**

· FIGURES & APPENDICES ·

FIGURE 1 SITE LOCATION MAP
FIGURE 2 SUBJECT PROPERTY LAYOUT
FIGURE 3 SUBJECT PROPERTY VICINITY
FIGURE 4 PARCEL MAP

APPENDIX A PHOTOGRAPHS
APPENDIX B HISTORICAL RECORD SEARCH
APPENDIX C CORRESPONDENCE/AGENCY RECORDS
APPENDIX D REGULATORY DATABASE
APPENDIX E PREVIOUS ENVIORNMENTAL REPORTS
APPENDIX F PROFESSIONAL QUALIFICATIONS/LIABILITY INSURANCE

· 1.0 INTRODUCTION ·

FR has conducted a Phase I Environmental Site Assessment in accordance with the American Society for Testing and Materials (**ASTM**) Standard Practice E1527-13 and Environmental Protection Agency Standards and Practices for All Appropriate Inquiries (40 CFR Part 312) for the subject property addressed 135, 141 &153 West Avenue 34, and 3401 & 3433 Pasadena Avenue, Los Angeles County, Los Angeles, California 90031 (subject property) per the request of MR Real Estate, LLC. The work was authorized by written contract dated June 19, 2019.

1.1 Purpose

The purpose of a Phase I Environmental Site Assessment is to identify potential issues that may impact the subject property. The purpose of this practice is to define good commercial and customary practice in the United States of America for conducting an environmental site assessment of a parcel of commercial real estate with respect to the range of contaminants within the scope of Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) (42 U.S.C. 9601) and petroleum products. The investigation was conducted in accordance with the *Client's* Environmental Site Assessment scope of work for the use and benefit of the *Client* and the U.S. Small Business Administration (U.S. SBA) if financing is to be authorized by U.S. SBA. As such, this practice is intended to permit a user to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on CERCLA liability (hereinafter, the "landowner liability protections," or "LLPs"): that is, the practice that constitutes "all appropriate inquiry into the previous ownership and uses of the subject property consistent with good commercial or customary practice" as defined at 42 U.S.C. 9601(35)(B).

Controlled substances are not included within the scope of this standard. Persons conducting an environmental site assessment as part of an EPA Brownfields Assessment and Characterization Grant awarded under CERCLA 42 U.S.C. 9604(k)(2)(B) must include controlled substances as defined in the Controlled Substances Act (21 U.S.C. 802) within the scope of the assessment investigations to the extent directed in the terms and conditions of the specific grant or cooperative agreement. Additionally, an evaluation of business environmental risk associated with a parcel of commercial real estate may necessitate investigation beyond that identified in this practice.

The purpose of this report is not intended to include *de minimis* conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. This report is also not intended to serve as a compliance assessment of the subject property.

The ASTM E1527-13 practice DOES NOT address requirements of any state or local laws or of any federal laws other than the all appropriate inquiry provision of the LLPs. Per the ASTM Standard, Users are cautioned that federal, state, and local laws may impose environmental assessment obligations that are beyond the scope of this practice. Users should also be aware that there are likely to be other legal

obligations with regard to hazardous substances or petroleum products discovered on the subject property that are not addressed in the ASTM practice and that may pose risks of civil and/or criminal sanctions for non-compliance.

1.2 Scope of Work

This report has been prepared per the conditions presented in the agreed contract signed by the client. In accordance with ASTM guidelines, FR's scope of work included:

1. Requested user or one deemed most historically familiar with subject property to complete FR's environmental questionnaire.

2. Conducted visual reconnaissance of the subject property and adjoining properties, including site interviews with past or present owners, occupants, tenants, and/or operators if applicable.

3. Requested and researched historical documentation including but not limited to aerial photographs, city directories, topographic maps, interviews, public agency records, and fire insurance maps. Chain-of-title and environmental liens were reviewed if requested or provided by the client/user.

4. Reviewed federal, state, and local regulatory agency database information for the subject property and neighboring properties to identify potential concerns that could adversely affect the environmental condition of the subject property.

5. Prepared a technical Phase I Environmental Assessment report to document the findings regarding the current environmental condition of the subject property. If warranted, the report contains recommendations for further action. In addition to ASTM scope items, the following ASTM non-scope items were discussed and included in the report based upon a limited review: asbestos containing materials, radon, lead-based paint, lead in drinking water, potential wetlands, air emissions, and mold/water intrusion.

ASTM E1527-13 does not encompass analytical testing to evaluate Asbestos Containing Materials (ACM), radon, lead-based paint (LBP), drinking water quality, lead in drinking water, wetlands, regulatory compliance, cultural and historical resources, industrial hygiene, health and safety, ecological resources, endangered species, indoor air quality, biological agents, mold, stored chemicals, debris, fill materials, surface water, or subsurface samples (soil and groundwater) as part of a Phase I ESA. Such additional information regarding non-ASTM E1527-13 issues may be provided merely for the *User's* convenience and cannot be used to bind this report as a whole to the compliance and conformance with ASTM guidelines. No disassembly of systems or building components or physical or invasive testing is to be performed unless Contract Engagement specifically calls for such testing as an additional scope of work. FR Environmental has performed this *Phase I Environmental Site Assessment* in conformance with the scope and limitations of ASTM Practice E1527-13. This *Report* may not include all environmental conditions which can materially impact the Subject Property other than those defined as RECs, HRECs, and CRECs in ASTM E1527-13.

1.3 Significant Assumptions

The following assumptions are made by FR Environmental in this report. FR relied on information derived from secondary sources. FR Environmental has made no independent investigation as to the accuracy and completeness of the information derived from secondary sources including government agencies, the client, designated representatives of the client, property contact, property owner, property owner representatives, computer databases, or personal interviews and has assumed that such information is accurate and complete. FR Environmental assumes information provided by or obtained from governmental agencies including information obtained from government websites is accurate and complete.

Groundwater flow and depth to groundwater, unless otherwise specified by on-site well data, or well data from adjacent sites are assumed based on contours depicted on the United States Geological Survey topographic maps. FR Environmental assumes the subject property has been correctly and accurately identified by the client, designated representative of the client, property contact, property owner, and property owner's representatives.

FR Environmental assumes that the Client, Client representatives, Client Legal Counsel, designated representatives of the Client, property contact, property owner, property owner representatives, and property brokers, used good faith in answering questions and in obtaining information for the subject property as defined in 10.8 of the ASTM E1527-13 practice. This would also include obtaining those helpful documents from previous owners, operators, tenants, brokers, financial institutions etc. FR Environmental also assumes the Client will designate appropriate and knowledgeable people for performance of the Phase I Environmental Assessment.

1.4 Limitations, Data Failures, and Data Gaps

It is important to note that property conditions, as well as federal, state, and local/tribal regulations can change over time. Therefore, the conclusions and information presented in this report apply strictly to regulations and property conditions existing at the time the report was completed. FR Environmental assumes that information provided by local agencies is true. FR Environmental cannot guarantee or warranty that information provided second-hand is accurate to its fullest extent. FR Environmental is not responsible for conditions found at or beneath the subject property or adjacent properties. Accordingly, portions of this report may be invalidated wholly or partially by the changes beyond our control.

The findings, conclusions, and recommendations presented herein are based solely on the scope of work previously described and information gathered. Incomplete or outstanding information identified throughout the body of this report including data gaps is considered a limitation to the assessment. Limitations to the assessment also include weather conditions, vegetation cover, parked cars, trucks, dumpsters, and anything limiting visual observation of or physical access to the subject property and neighboring properties. Vapor intrusion is not included in this scope of services and is considered an

ASTM Non-scope consideration. FR was not contracted to disassemble or perform testing of machinery on-site. This report and scope is not an environmental compliance audit.

Certain policies can differ from lenders or users. For CERCLA landowner liability protection, Phase I ESA reports are valid for 180 days, per ASTM E1527-13.

1.4.1 Limiting Conditions/Deviations

There were no limiting conditions or deviations in the performance of this Phase I ESA.

1.4.2 Data Failures

Data failure is one type of data gap. According to ASTM E1527-13, data failure occurs when all of the standard historical sources that are reasonably ascertainable and likely to be useful have been reviewed and yet the objectives have not been met. Pursuant to ASTM E1527-13, historical sources are required to document property use back to the property's first developed use or back to 1940, whichever is earlier, or periods of five years or greater.

No data failures were identified during this assessment.

1.4.3 Data Gaps

According to ASTM E1527-13, data gaps occur when the Environmental Professional is unable to obtain information required by the Standard, despite good faith efforts to gather such information. Pursuant to ASTM E1527-13, only significant data gaps, defined as those that affect the ability of the Environmental Professional to identify RECs, need to be documented.

No significant data gaps were identified.

1.5 Qualification Statement of Professional

Our investigation was performed using the degree of care and skill ordinarily exercised, under similar circumstances, by or under direct oversight of an environmental professional as defined by the ASTM. FR Environmental's environmental professional who prepared this assessment possesses the specific qualifications based upon education, training and experience to assess a property of the nature, history, and setting of the subject property. Neither FR Environmental, nor any staff member assigned to this investigation has any interest or contemplated interest, financial or otherwise, in the subject or surrounding properties, or in any entity which owns, leases, or occupies the subject or surrounding properties or which may be responsible for environmental issues identified during the course of this investigation, and has no personal bias with respect to the parties involved. FR Environmental has developed and performed the "*All Appropriate Inquiries*" in accordance with the standards and practices as defined in 40 CFR Part 312.

1.6 User Reliance

This investigation was conducted in accordance with the Client's Environmental Site Assessment scope of work for the use and benefit of the Client and assignees. It is based, in part, upon documents, writings, and information owned, possessed, or secured by the Client. Neither this Report, nor any information contained herein, shall be used or relied upon for any purpose by any other person or entity without the express written permission of the Client.

All reports (whether in paper, digital, electronic, or any other formats) are for the sole use and benefit of the Client. Either verbally or in writing, third parties may come into possession of this Report, whether all or part of the information generated. In the absence of a written agreement with Fulcrum granting such rights, no third parties shall have rights of recourse or recovery whatsoever under any course of action against Fulcrum. Unauthorized use of this Report shall constitute acceptance of and commitment to protect, hold and indemnify Fulcrum harmless from any and all claims, damages, losses, liabilities, and expenses (including reasonable attorney's fees) responsibilities, which shall be irrevocable and shall apply regardless of the cause of action or legal theory pled or asserted. Additional legal penalties may apply.

· 2.0 SITE DESCRIPTION ·

2.1 Location and legal description

The subject property, 135, 141 &153 West Avenue 34, and 3401 & 3433 Pasadena Avenue, Los Angeles County, Los Angeles, California 90031, is located on the north side of West Avenue 34 and the west side of Pasadena Avenue, between North Artesian Street (to the west), within a highly-developed light industrial/commercial area. According to the Los Angeles County Tax Assessor's Office, the subject property is assigned the following Assessor's Parcel Numbers (APNs):

Address	APN	Land, sq feet	Building(s), sq feet
135 and 141 West Avenue 34	5205-004-011	157,560	87,980
153 West Avenue 34	5205-004-005	4,800	3,520
3401 Pasadena Avenue	5205-004-003	28,794	4,040 and 9,600
3433 Pasadena Avenue	5205-004-007	28,145	14,315

2.2 General characteristic

The subject property consists of four lots as described in Section 2.1 comprising a total of approximately 219,299 square-foot commercial lot. The parcels are described below based on publicly available information from the Los Angeles County Assessor Portal and site observations.

135 and 141 West Avenue 34

The property at 135 and 141 West Avenue 34 is currently improved with an industrial-commercial building of concrete construction, built in 1977. The building is comprised of two units, each of which includes office and warehouse space. The units are currently occupied by Ortiz Bros. Moving and Storage and Atlas Van Lines, a moving company; Phil's Transfer & Storage, Inc. for storage space; and Studio 34, Inc. for art studio space. Separate entrances and loading bays for the building are located near the southwest corner of the structure, and customer entry is achieved near the southeast corner of the building. Stacked corrugated steel shipping containers are located outside of the building in the parking areas in the south and central areas of the lot. The property features perimeter fencing of variable design, and motorized gate entry to the south along West Avenue 34.

153 West Avenue 34

The property at 153 West Avenue 34 is currently improved with an industrial-commercial building of brick and corrugated steel construction, built in 1929. The building is currently occupied by Ortiz Bros. Moving and Storage. The structure features a front entrance with a garage door for vehicular access along the southern boundary of the site. All other areas are asphalt paved with landscaped areas near the front entrance. Stacked corrugated steel shipping containers are located outside of the building in the parking areas to the north and northwest of the building. The property shares perimeter fencing with 145 and 141 West Avenue 34.

3401 Pasadena Avenue

The property at 3401 Pasadena Avenue is currently improved with an industrial-commercial building of wood-frame, cinderblock, and brick-façade construction on the east side of the parcel, built in 1925. That building is currently occupied by LootCrate, a merchandise wholesaler of apparel, games, accessories, and other various novelty items and collectables; and Call Time Quenchers, a beverage distribution company. Operational areas within the structure are primarily unfinished warehouse space with concrete flooring, utilized for storage of products, finished office/administrative areas with tile flooring and suspended drop-grid ceilings. The office portion of the structure features a split-level design with the second-story utilized for storage.

In the southeast corner of the site is a second industrial-commercial building of corrugated steel construction, built in 1948. The building is currently utilized as a warehouse for dry-goods storage. The exterior of the property is asphalt paved with employee parking. An entrance is located near the southeast corner of the structure. The property also features perimeter chain link fencing with barbed wire and a manual gate for vehicular access along Pasadena Avenue.

3433 Pasadena Avenue

The property at 3433 Pasadena Avenue is currently improved with an industrial-commercial building of wood-frame and cinderblock construction with reinforced steel support beams and a brick façade, built in 1967. The building is also occupied by LootCrate. The building is comprised of office and work area space. The work area is partially finished with concrete and carpet flooring, and the office areas feature tile floors with drop-grid ceilings. The property shares parking areas and perimeter chain link fence with the 3401 Pasadena Avenue property.

All four parcels are together enclosed with fencing of variable design. A railroad corridor with a northeast/southwest alignment is present, parallel and adjacent to the western boundary of the subject property.

2.3 Current property use

The subject property is occupied by the following tenants:

Property Address	Business Name	Business Operation
135 and 141 West Avenue 34	Ortiz Bros. Moving and Storage and Atlas Van Lines Phil's Transfer & Storage, Inc	Moving Company and Commercial Storage Moving Company and Commercial Storage
153 West Avenue 34	Ortiz Bros. Moving and Storage and Atlas Van Lines	Moving Company and Commercial Storage
3401 Pasadena Avenue	LootCrate Quick Time Quenchers	Merchandise Wholesaler Beverage Distributor
3433 Pasadena Avenue	LootCrate	Merchandise Wholesaler

The subject property has been owned by Mr. Eric Ortiz of Ortiz Bros. Moving and Storage since 2000, and has occupied the property since 1993.

2.4 Current adjoining properties description

The subject property is located in a highly-developed, industrial-commercial area of Los Angeles, California. The following land use was observed in the immediate vicinity of the property:

Direction	Property Address	Business Name	Business Operation
North	3505 Pasadena Avenue***	Vacant land, formerly Welch's Uniform Facility	N/A – Vacant Land
East	120 East Avenue 35*** 3412 Pasadena Avenue 3403 Smith Street	Hillside Elementary School N/A - Private Residences N/A – Private Residences	Los Angeles Public Schools N/A - Private Residences N/A - Private Residences
South	170 West Avenue 34 164-166 West Avenue 34 140 West Avenue 34 138 West Avenue 34 134 West Avenue 34 130 West Avenue 34 120 West Avenue 34 118 West Avenue 34 116 West Avenue 34 3305 Pasadena Avenue	N/A – Vacant Fabco Art Services N/A – Private Residence South Bay Catering ACW Apparel N/A – Private Residences Screen Printing & Embroidery N/A – Private Residences N/A – Private Residence Arpine Media Group	Vacant Warehouse Custom Design Company N/A – Private Residence Catering Company Clothing Warehouse N/A – Private Residences Commercial Printing N/A – Private Residences N/A – Private Residence Commercial Printing
West	403 West Avenue 33***	Viertel's Central Division, Los Angeles Police Department	Impoundent Lot & Police Garage

*** Address listed in the Regulatory Records Database (Refer to Section 6.0)

2.5 Municipal Services and Utilities

The provider of municipal services and utilities to the subject property is not known; however, the property was noted to be connected to public water and sewer services.

2.6 Physical Settings

2.6.1 Topography

The United States Geological Survey (USGS), [Los Angeles, California] 7.5 Minute Topographic Quadrangle map of the subject property and surrounding vicinity was reviewed. The elevation of the property is approximately 370 feet above mean sea level (MSL). Topography at the subject property is relatively flat and declines gently to the west towards the nearby Arroyo Seco, a seasonal and generally dry river.

A copy of the USGS 7.5 Minute Topographic Quadrangle Map of Los Angeles, California, is included in the appendices of the report.

2.6.2 Geology/Soil Conditions

The site is located in the Los Angeles basin, within the Downey Plain near the Arroyo Seco, which seasonally drains into the Los Angeles River to the southeast. Surface materials consist of alluvium and channel deposits with poorly graded sand, gravel, and cobbles to depths of to 75 feet below grade.

Based on a site assessment report prepared for Welch's Uniform Service at 3505 Pasadena Avenue, adjacent to and north of the subject property, the site is underlain by sand with trace gravel to 25 feet bgs, below which are sand and gravel mixtures to 55 feet below grade, which transitions to sand from around 55 feet below grade to 80 feet below grade. At approximately 80 feet below grade, the lithology changes to saturated gravel feet to 85 feet, below which is silt to approximately 96 feet below grade, the maximum depth explored (AmeriPride Service, November 2005).

2.6.3 Hydrogeology

The subject property is located within the Los Angeles Coastal Plain; approximately 175 feet west of the Arroyo Seco, and approximately 0.7 miles east of the Los Angeles River, which is a concrete lined storm channel that prevents infiltration of surface water and empties to the Pacific Ocean. Based on the groundwater report monitoring report prepared for the north adjacent property at 3505 Pasadena Avenue in 2005, depth to groundwater is 38-40 feet below grade (AmeriPride Service, November 2005).

Note that groundwater flow direction can be influenced locally and regionally by the presence of local wetland features, surface topography, recharge and discharge areas, horizontal and vertical inconsistencies in the types and location of subsurface soils, and proximity to water pumping wells. Depth and gradient of the water table can change seasonally in response to variation in precipitation and recharge, and over time, in response to urban development such as storm water controls, impervious surfaces, pumping wells, cleanup activities, dewatering, seawater intrusion barrier projects near the coast, and other factors.

· 3.0 PROPERTY RECONNAISANCE ·

3.1 Property Condition Observations

Mr. Eric Ortiz, the subject property Owner, provided full property access to the FR assessor, Mr. Steven Wong, on June 27, 2019. There were no limited property access conditions. The weather conditions were sunny at 72 degrees Fahrenheit. No weather conditions were limiting property observations.

Site characteristics observed by the FR site assessor are described in above Section 2.2.

Please refer to the table below for information on petroleum products, hazardous substances, and/or hazardous wastes observed on the subject property at the time of FR's site visit.

Hazardous Substances/Wastes Observed	Quantity	Location	Spills/Leaks Observed
Propane	8 x 33.5-lb tanks 4 x 20-lb tanks	Under outdoor canopy	No
Gasoline	3 x ~5-gallon jugs	Under outdoor canopy	No

No significant amounts of hazardous substances or processes that generate or handle hazardous wastes were observed on the subject property during FR's site reconnaissance. No Recognized Environmental Conditions (RECs) were observed during the site reconnaissance.

3.2 ASTM Reconnaissance Findings

Recognized Environmental Conditions (RECs) - In defining a standard of good commercial and customary practice for conducting an environmental site assessment of a parcel of property, the goal of the processes established by this practice is to identify recognized environmental conditions. The term recognized environmental conditions means the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the subject property or into the ground, ground water, or surface water of the subject property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include *de minimis* conditions that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be *de minimis* are not recognized environmental conditions.

FR conducted a visual review and observation of the subject property and adjoining properties per ASTM Scope Considerations listed below.

Item	Identified
Hazardous Substances and Petroleum Products in Connection with Identified Uses	4 x 20-lb propane tanks; 8 x 33.5-lb propane tanks for forklift operation; and small amounts of gasoline for automotive operation. No leaks, spills, or staining were observed in relation to the petroleum products present on the subject property. No significant amounts of hazardous substances or petroleum products were observed to be used in connection with current business operations.
Aboveground & Underground Hazardous Substance or Petroleum Product Storage Tanks (ASTs / USTs)	None identified
Fueling systems	None identified
Pungent or Noxious Odors	None identified
Pools of Liquid	None identified
Drums or Other Containers of Hazardous Substances or Petroleum Products	None identified
Unidentified hazardous substances or petroleum products not in connection with property use	None identified
Unidentified substance containers	None identified
Machinery or equipment likely containing PCBs	None identified
Significant surface staining on interior or exterior portion of property	None identified
Heating/Cooling Equipment with Observed Fuel Sources	None identified
Drains and Sumps	Several floor drains were observed in the bathrooms of the subject property buildings in addition to one floor drain in the warehouse associated with the address 3401 Pasadena Avenue. Due to locality and lack of observed business operations and/or processes that generate or handle hazardous wastes or materials, the observed floor drains are not expected to represent significant point source features for groundwater contamination.

Item	Identified
Regulated or Unregulated Waste Water Discharge	A three-stage clarifier was observed in the southwest portion of the main subject building behind the canopy. According to Mr. Eric Ortiz, subject property Owner, the clarifier has been present on the property since purchase and has not been in use by current business operations. The clarifier appears to be dry and unused. Two former groundwater (GW) monitoring wells were recently closed that are located to the south of the southwest portion of the property on Avenue 34. Due to the lack of reported releases and/or observed business operations that generate or handle hazardous wastes or materials, the clarifier is not expected to represent a significant environmental concern. FR suggests that if there's no planned future uses of the clarifier; it should be properly removed from the subject property.
Pits, Ponds, or Lagoons	None identified
Stockpiled Soils with Visual Evidence of Contamination	None identified
Questionable Fill Material (unknown origin) or Visual Evidence of Buried Wastes	None identified
Septic Systems	None identified
Wells	None identified
Stressed Vegetation	None identified
Surficial Disturbance	None identified
Biohazardous Wastes	None identified
Herbicide or Pesticide Use	None identified
Dry-cleaning Operation	None identified
Other	None identified

3.3 ASTM Non-Scope Considerations

Unless authorized per the user's request, FR did not engage in conducting sampling or an assessment beyond a visual review of the ASTM Non-Scope Considerations. FR conducted a visual review of the following ASTM Non-Scope Considerations included in this assessment:

ASTM Non-Scope Item	Identified
Asbestos-Containing-Materials (ACMs)	Based on the construction date (1929-1977), asbestos-containing building materials could be present. An ACM survey was not included in the current scope of services.
Lead-based paint (LBP)	Based on the construction date (1929-1977), lead-based paints could be present. A LBP survey was not included in the current scope of services.
Radon	A review of the EPA's Map of Radon Zones indicates that Los Angeles County falls within Zone 2, a zone of moderate radon potential. Counties located within Zone 2 have a predicted average indoor radon screening level of between 2 and 4 picocuries per liter (pCi/L), equal to or below the EPA's radon action level of 4 pCi/L for residential structures. A radon survey was not included in the current scope of services.
PCB-oil in hydraulic equipment, ballasts, switcher, transformers, etc.	A caged pad-mounted transformer was observed in the southwest portion the subject property. There were no signs of oil leaks or staining at the base of this pad-mounted transformer that would present an immediate adverse impact to the environmental integrity of the subject site. Several pole-mounted transformers were observed on the subject property. Any transformers related to the power-pole are operated by the Southern California Edison. In the event of a release of dielectric fluid from one of its transformers, the utility company typically performs the cleanup. A PCB survey was not included in the current scope of services.
Lead in Drinking Water	A lead in drinking water survey was not included in the current scope of services.
Flood Zone	Based on a review of a flood zone map contained in the EDR Radius Map Report, the subject property is located within a 500-year flood zone.
Mold and Indoor Air Quality Issues	No obvious indications of water damage or mold growth were observed during FR's visual inspection.

Asbestos Containing Material

Asbestos-containing material (ACM) represents a concern when it is subject to damage that results in the release of fibers. Friable ACM, which can be crumbled by hand pressure and is therefore more susceptible to damage, is of particular concern. Non-friable ACM is a potential concern if it is damaged by maintenance work, demolition or other activities.

For buildings constructed prior to 1981, the Code of Federal Regulations (29 CFR 1926.1101 and 29 CFR 1910.1001) define presumed asbestos-containing material (PACM) as 1. Thermal System Insulation (TSI), e.g., boiler insulation, pipe lagging, fireproofing; and 2. Surfacing Materials, e.g., acoustical ceilings. Building owners/employers are responsible for locating the presence and quantity of PACM. Building Owners/employers can rebut installed material as PACM by either having an inspection in accordance with Asbestos Hazard Emergency Response Act (AHERA) (40 CFR Part 763, Subpart E) or hiring an accredited inspector to take bulk samples of the suspect material.

Typical materials not covered by the presumptive rule include but are not limited to: floor tiles and adhesives, wallboard systems, siding and roofing. Building materials such as wallboard systems may contain asbestos but unless a building owner/employer has specific knowledge or should have known through the exercise of due diligence that these other materials contain asbestos, the standard does not compel the building owner to sample these materials.

The information below is for general informational purposes only and does not constitute an asbestos survey. In addition, the information is not intended to comply with federal, state or local regulations pertaining to ACMs.

Due to the age of the subject buildings (1929-1977), there is a potential that presumed ACMs are present within the subject building. The table below describes the type of material, location, friability, and condition of the suspect ACMs found within the subject building. The table below is not comprehensive as to each and every building material but is intended to provide a general summary based on the limited site reconnaissance.

Material	Location	Friable	Condition
Drywall systems	3433 Pasadena Avenue 135/141 West Avenue 34	No	Good
Roofing Systems	Roof	No	Not inspected

An asbestos building materials inspection was not included in the scope of service agreement with FR. Accordingly; no samples of the suspect materials were taken. At the time of the inspection, all of the materials appeared to be intact and undisturbed (that is, they appeared to be in a non-friable and/or good condition) and, thus, do not pose an immediate environmental concern. Still, these materials may become hazardous if they in fact contain asbestos and are subsequently damaged or disturbed, as, for example, in the course of remodeling. Asbestos-containing materials are considered to be hazardous materials, and their eventual disposal and handling are subject to federal and state regulatory guidelines.

Currently, there are no regulations requiring the removal of ACM unless it will be disturbed during renovation, repairs, or demolition. The USEPA recommends that as long as the ACM does not pose an imminent health threat, the materials can be managed under an Operations and Maintenance (O&M) Plan.

Historical Summary Table		
Historical Source	**Reference**	**Dates Obtained**
Aerial Photographs	EDR	1923-2016
Sanborn Map Company Fire Insurance Maps	EDR	1906-1971
Property Tax File	Los Angeles County Assessor's Office	2019
Recorded Land Title Records	Not reviewed	N/A
USGS 7.5 Minute Topographic Maps	EDR	1894-2012
Local Street Directories (city directories)	EDR	1920-2014
Building Department Records	City of Los Angeles Building Department	1905-2014
Zoning/Land Use Records	Los Angeles County Assessor's Office	2019
Previous Reports	Phase I ESA prepared by Orswell & Kasman, 2012 Phase I ESA Update prepared by Orswell & Kasman, 2015	2012, 2015
Other Historical Sources	Newspaper articles	N/A
	Other historical sources	N/A

4.1 Historical Aerial Photographs Review

FR reviewed historical aerial photographs supplied by EDR and dated 1923 through 2016. A summary of historical aerial photographs researched is listed below.

Dates	Description
1923	The north, west, and central portions of the site are developed with industrial structures and access roads. The eastern and southern portions of the property are developed with approximately 20 smaller structures on lots which appear residential. Beyond the subject property lies vacant land to the east, vacant land, and the Arroyo Seco, which has the geomorphology of a braided stream feature. Pasadena Avenue and private residences are present to the east and southeast. West Avenue 34 and private residences are present to the south. Adjacent to and west of the subject property is a railroad corridor, which runs parallel to the western boundary of the subject property with a northeast / southwest alignment. The northern adjacent property appears industrial with several large structures. The surrounding area is primarily residential, with industrial-commercial properties to the southeast and northwest.

Dates	Description
1928	The central portion of the subject property is cleared and vacant, with one remaining industrial structure within the west-central area of the site. Aside from a mid-sized industrial structure in the southwest area of the property, he west and south areas remain residential in use and generally unchanged from 1923. Beyond the subject property, the north and west adjacent properties appear further developed with large industrial structures, and the south and east adjacent properties appear residential in use and generally unchanged from 1923.
1938	The industrial structure the west-central area of the site is no longer present in 1938, and the north and west-central areas appear cleared and vacant. The south and east areas of the subject property remain residential, with the exception of an industrial structure near the southeast corner of the property. Beyond the subject property, there are further developments to the north and west adjacent property. Aside from the development of Hillside Elementary School to the east, the adjacent properties to the east and south remain residential and generally unchanged from 1923. Further to the north and west is the Arroyo Seco, which is a constructed canal in 1938, a stark contract to the natural braided stream geomorphological feature depicted in 1928.
1948, 1952	There are six additional industrial structures on the subject property in 1948 compared to 1938. The structures include five towards the north and central areas of the property, and one in the southeast corner. Beyond the subject property are new industrial structures to the north, and outdoor storage yards to the east. The remaining areas to the south and east, and vicinity of the subject property appear generally unchanged from 1923. Arroyo Seco
1964, 1970	The site is completely industrial-commercial in use in the 1964 aerial photograph with approximately 10 industrial structures. All residential structures previously described at the subject property are no longer present, and the remainder of the property appears paved with parking and exterior storage areas. Beyond the subject property, conditions in the surrounding areas appear generally consistent with conditions with those described in 1952.
1977	Most of the site appears vacant and graded in 1977 compared to the 1970 aerial photograph. The only remaining structures from those previously described include the structures along Pasadena Avenue in the western portion of the site (present-day 3401 & 3433 Pasadena Avenue), and a single industrial structure in the southwest corner of the site (present-day 153 West Avenue 34). The remaining areas are graded and vacant land, and the present-day structure addressed 135 and 141 West Avenue 34 is not present. Additional changes in areas beyond the subject property include industrial structures to the southwest and southeast; and the east adjacent property appears vacant graded land. There are no significant changes to adjacent properties north and west of the subject property.

Dates	Description
1983, 1989, 1994, 2002, 2005, 2009, 2012, 2016	The subject property is developed with its present-day structures and general configuration in 1983. There are few changes in the subsequent aerial photographs from 1989 through 2016 to the subject property, or to the properties to the east, and south. The north adjoining property is developed with large industrial structures in 1983 and 1989, which is no longer present in the 1994 aerial photograph. The west adjoining property appears to be a parking lot with no discernable structure until 2012 with the appearance of an industrial structure near the center and western portion of the property.

No environmental concerns were noted on the subject property or adjoining properties.

4.2 Historical Sanborn Map Coverage Review

Sanborn Map Company maps were created for insurance underwriters from 1867 to 1970, and often contain information regarding the uses of individual structures, and the locations of fuel and/or chemical storage tanks that may have been on a particular property. FR subcontracted with EDR to provide copies of Sanborn Map Company maps.

A summary of historical Sanborn map coverage researched is listed below.

Subject Property addresses include the following: On West Avenue 34: 119, 139, 141, 143, 145, 147, 149, 153, and 157 On Pasadena Avenue: 3403, 3407, 3417, 3419, 3423, 3429, 3431, and 3437		
Date	**Description**	
1906	**Subject Property**	The subject property is depicted with primarily residential properties along the eastern and southern boundaries of the property. The structures appear residential with the exception of a shop located at 3419 Pasadena Avenue. The remainder of the subject property appears vacant and undeveloped.
	Adjoining Properties	The parcels north of the subject property are primarily vacant, with one residence addressed 3441 Pasadena Avenue to the north of the subject property. The railroad spur along the western boundary of the subject property is developed and labeled Atchison Topeka & Santa Fe R.R. Main Line and San Pedro Los Angeles & Salt Lake City R.R. Main Line, beyond which is vacant land andthe Arroyo Seco. The adjoining properties south and east are depicted as developed with primarily residential structures, with the exception of a store located just south of the subject property at the corner of West Avenue 34 and Pasadena Avenue and addressed 3019 and 3021 Pasadena Avenue.

Subject Property addresses include the following: On West Avenue 34: 119, 139, 141, 143, 145, 147, 149, 153, and 157 On Pasadena Avenue: 3401 (3403), 3407, 3411, 3417, 3419, 3423, 3425, 3429, 3431, 3437, 3439, and 3441		
Date	**Description**	
1920	**Subject Property**	The subject property is depicted with primarily residential properties along the eastern and southern boundaries of the property, as described in 1912. The structures appear residential with the exception of a bakery located at 3419 Pasadena Avenue. Many of the residences have auto garages. The formerly vacant areas from 1912 are developed in 1920 with structures associated with Los Angeles Rock & Gravel Co at the address 3441 Pasadena Avenue, which extends north beyond the subject property boundaries to West Avenue 35. The structures include: an outhouse; an office addressed 3439 Pasadena Avenue; an auto garage with truck and loading ramp labeled "Tunnel Under Rock Pile; a large auto garage with an oil and grease house, tool shed, and a small unlabeled structure near the center of the subject property. There is an alley traversing the property between the industrial operations at the Los Angeles Rock & Gravel occupied area from the residential properties along Pasadena Avenue. The alley connects West Avenue 45 to West Avenue 34, and extends beyond the subject property between West Avenue 34 and West Avenue 33.
	Adjoining Properties	The north adjoining property is occupied by Los Angeles Rock & Gravel Co structures at the address 3441 Pasadena Avenue, which extend south into the subject property. The structures in the north adjoining property include a mixing house with rock storage; a rock crusher; an electrical utility shed; a chute for loading trucks; a well pumphouse; and additional rock crusher and chute with an electric utility shed. There are residential structures on the remaining adjoining parcels to the north along Pasadena Avenue and West Avenue 35. There are no significant changes to the south, east, and west adjoining property in 1920.

Subject Property addresses include the following: On West Avenue 34: 119, 123, 129, 133, 139, 141, 145, 149, 153, 155, and 169 On Pasadena Avenue: 3401, 3407, 3415, 3417, 3419, 3421, 3423, 3425, 3429, 3431, 3437		
Date	**Description**	
1951	**Subject Property**	The subject property is depicted with primarily residential properties along the eastern and southern boundaries of the property, as described in 1912 and 1920, with the following exceptions: there is a metal working & spinning shop at 153 West Avenue 34 (the present-day structure); the southwest corner of the subject property has been redeveloped from residential plots to an expansion of the bakery, which is comprised of 101 and 111 West Avenue 34, as well as 3401 (present-day structure), 3407, 3415, 3417, and 3419 Pasadena Avenue; and there is an office at the 3421 Pasadena Avenue address. The north, west, and central areas of the property which were occupied by Los Angeles Rock & Gravel Co. in 1920 are redeveloped with six structures different from those previously described, and are occupied by Steel Framing & Building Corporation in 1951 at the address 169 West Avenue 34. The structures include: four office buildings; a shop and warehouse; a steel storage yard; and a large workshop. In addition, a portion of one of the buildings associated with Welch's Overall & Uniform Cleaning extends into the subject property boundaries. The
	Adjoining Properties	The north adjoining property is redeveloped from the previous 1920 Sanborn Map and is occupied by Welch's Overall & Uniform Cleaning in 1951. The west adjoining property is developed with four structures labeled Alliance Lumber & Investment Co. The south and east adjoining properties are generally unchanged from 1920, with the exception of the development of Hillside School to the east of the subject property.

Subject Property addresses include the following: On West Avenue 34: 141, 153, 155, and 169 On Pasadena Avenue: 3401, 3415, 3417, 3419, 3433, 3437		
Date	**Description**	
1970	**Subject Property**	The subject property is redeveloped in 1970, with only one remaining residential structure at 155 West Avenue 34. The present-day structure at 153 West Avenue 34 is labeled General Manufacturing. There is a parking lot at 141 West Avenue 34. The present-day structure at 3401 Pasadena Avenue is labeled Sheet metal shop and woodworking (iron). The addresses 3415, 3417, and 3419 Pasadena Avenue are occupied by a structure comprised of a workshop, storage area, and machine shop. The present-day structure at 3433 Pasadena Avenue is depicted and labeled Metal Stamping. The 3437 Pasadena Avenue address is occupied by a parking lot. The six structures within the north, west, and central areas of the property addressed 169 West Avenue 34 are generally unchanged from 1951, but occupied by ITT Cannon Electronics Inc. in 1970, and the buildings are used for offices, electronics manufacturing, and manufacturing assembly plating & shipping. There remaining areas of the property are occupied by parking lots accessible by West Avenue 34 to the south, and the previously described alley traversing the property from north to south.
	Adjoining Properties	The north adjoining property is occupied by Welch's Overall & Uniform Cleaning in 1970, and has expanded to include the previously residential structures to the east along Pasadena Avenue. The west adjoining property is generally vacant in 1970, with two small structures labeled storage and vac. The south adjoining properties are partially redeveloped to accommodate a parking lot addressed 152 West Avenue 34. The other properties south of the subject property appear generally unchanged from 1951. The east adjoining properties are generally unchanged from 1951, with the exception of the expansion of Hillside School to the east of the subject property, which includes additional areas for classroom space south and west of the original building in 1970.

The north adjoining property addressed 3505 Pasadena Avenue was listed under Welch's Industrial Uniforms, a laundering business, for the years 1924 through 2010, and is further discussed in Section 6.0 of this report.

No other environmental concerns were noted on the subject property or surrounding sites.

4.3 Property Tax File

Based on a review of the Los Angeles County Tax Assessor's parcel information system, the subject property APNs and legal descriptions are summarized as follows:

Address	APN	No. of Buildings	Legal Description
135 and 141 West Avenue 34	5205-004-011	1	LOT COM AT MOST N COR OF LOT 2 TR NO 23801 TH SE ON NE LINE OF SD LOT 326.55 FT TH S 14¢21'15" W 140.01 FT TH S 9¢ 45'05" W 48.51 FT TH S AND FOLLOWING BDRY LINE OF SD LOT TO W LINE OF LOT 61 WHITTAKER RICHARDSON AND ERNEST SUB OF LOTS 2 AND 3 GRIFFIN TR TH S ON SD W LINE TO NE LINE OF AVE 34 TH NW THEREON TO SE LINE OF L A AND S L R R R/W TH NE THEREON TO BEG LOT 62 AND POR OF LOTS 64 AND 65 WHITTAKER RICHARD- SON AND ERNEST SUB OF LOTS 2 AND 3 GRIFFIN TR AND *POR OF LOT 2 TR NO 23801
153 West Avenue 34	5205-004-005	1	WHITTAKER,RICHARDSON AND ERNEST SUB OF LOTS 2 AND 3 GRIFFIN TR LOT 61
3401 Pasadena Avenue	5205-004-003	2	TRACT NO 23801 LOT 3
3433 Pasadena Avenue	5205-004-007	1	TRACT NO 23801 LOT COM AT MOST E COR OF LOT 2 TH SW ON NW LINE OF PASADENA AVE TO NE COR OF LOT 3 TH NW ON NE LINE OF SD LOT 3, 149.37 FT TH N 9¢45'05" E 48.51 FT TH N 14¢21'15" E TO NE LINE OF SD LOT 2 TH SE THEREON 149.3 FT TO BEG PART OF LOT 2

The property is classified as *industrial* in nature.

4.4 Recorded Land Title Records

Title records were not provided to FR for review.

4.5 USGS 7.5 Minute Topographic Maps

FR reviewed historical USGS 7.5 Minute Topographic Maps supplied by EDR. A summary of historical USGS 7.5 Minute Topographic Maps researched is listed below.

Property Topographic Quadrangle: Los Angeles, California

Dates	Description
1894, 1896, 1900	The subject property is depicted as partially developed with small residential structures along the eastern and southern portions of the property. The central, north, and west areas of the subject property are undeveloped, and there is a small depression near the northeast boundary of the subject property. The present-day railroad corridor is depicted along the western boundary of the subject property, and is within the Arroyo Seco according to the map. Pasadena Avenue and West Avenue 34 are present, and the adjoining properties to the south and east are developed. Areas north of the subject property are undeveloped and labeled Arroyo Seco. The region is identified as East Los Angeles.
1926, 1928	There are new industrial structures depicted on the subject property, and a small closed depression is also depicted near the northeast boundary of the subject property, likely related to the sand and gravel company operations identified in the 1920 Sanborn Map. The east and south portions of the subject property appear developed with a mixture of residential and industrial/commercial structures. Beyond the subject property are new industrial structures to the north, and additional residential developments to the south, and the surrounding area appears further developed in 1926.
1953,1966, 1972, 1981, 1994, 2012	The subject property and adjoining properties are within red shaded areas indicating urban developed areas of Los Angeles. The Arroyo Seco is depicted as an engineered canal, and Pasadena Freeway (Route 66) is present further to the north/west of the subject property.

No environmental concerns were noted on the subject property or surrounding sites.

4.6 Historical City Directory Listings

FR reviewed historical city directory listings provided by EDR for the years 1920 to 2014 for the subject property.

A summary of historical city directory records researched is listed below.

135 West Avenue 34 – Subject Property	
Date Range	**Description**
1990	CONSOURCE WEST PRO ALLOY INC
2006	AMER MEDICAL ORITZTRANSFER&STORAGE WHOLESALE
2010	ORTIZ TRANSFER AND STORAGE PERFUME RAMA S 34 SELECT STORAGE STUDIO 34 INC

135 West Avenue 34 – Subject Property	
Date Range	**Description**
2014	STUDIO 34 INC

141 West Avenue 34 – Subject Property	
Date Range	**Description**
1990	AMERICAN CASTER CORP
2006	MOVING&STORAGE ORTIZ BROTHERS SELECT STUDIO SELECT 34 INC
2010	ALBA DESIGN WORKS INC ED1125 LLC HISTORIC LINCOLN HEIGHTS IND OUTER DIMENSION SBLSS INC SELECT STORAGE INC
2014	OUTER DIMENSION SELECT STORAGE INC

153 West Avenue 34 – Subject Property	
Date Range	**Description**
1957	SANDCAST FOUNDRY
1981	PRICE G T PRODUCTS INC
1990	PILE WM PRINTING
2010	ZALEWSKI JAMES
2014	ZALEWSKI JAMES

3401 Pasadena Avenue – Subject Property	
Date Range	**Description**
1924	Arthem Jas furn fnshr h Needham Martha wid E N r
1929	Anthor Jas cabtmkr
1990	BAKER BOB PRODUCTIONS BATTJES YOUNG ASSOCIATES

3401 Pasadena Avenue – Subject Property	
Date Range	**Description**
2000	LITHO WERKS INC UNITD FILM LAMINTNG
2006	LAMINATING INC UNITD FINISHING
2010	SWEET SCIENCE UNITED FINSHG & LAMINATING INC WATER WELLNESS CENTER
2014	WATER WELLNESS CENTER

3433 Pasadena Avenue – Subject Property	
Date Range	**Description**
1971	SMITH MAILER INC
1986	CALIF FG ENTERPRISES INC
1990	LUCKY TEXTILE INC
2000	POLYSEW INC

119 West Avenue 34 – Historical Subject Property Address	
Date Range	**Description**
Not listed	

123 West Avenue 34 – Historical Subject Property Address	
Date Range	**Description**
Not listed	

129 West Avenue 34 – Historical Subject Property Address	
Date Range	**Description**
1981	CAMOFLAGE FABRICS & WALL COVERING INC
2000	XXXX

133 West Avenue 34 – Historical Subject Property Address	
Date Range	**Description**
Not Listed	

139 West Avenue 34 – Historical Subject Property Address	
Date Range	**Description**
Not Listed	

143 West Avenue 34 – Historical Subject Property Address	
Date Range	**Description**
Not Listed	

145 West Avenue 34 – Historical Subject Property Address	
Date Range	**Description**
Not Listed	

147 West Avenue 34 – Historical Subject Property Address	
Date Range	**Description**
Not Listed	

149 West Avenue 34 – Historical Subject Property Address	
Date Range	**Description**
Not Listed	

155 West Avenue 34 – Historical Subject Property Address	
Date Range	**Description**
Not Listed	

157 West Avenue 34 – Historical Subject Property Address	
Date Range	**Description**
Not Listed	

169 West Avenue 34 – Historical Subject Property Address	
Date Range	**Description**
Not Listed	

3403 Pasadena Avenue – Historical Subject Property Address	
Date Range	**Description**
Not Listed	

3407 Pasadena Avenue – Historical Subject Property Address	
Date Range	**Description**
1924	Nowacki John W mach h

3411 Pasadena Avenue – Historical Subject Property Address	
Date Range	**Description**
1929	KNIGHT Margt E KNIGHT Walter W Margt prntr

3415 Pasadena Avenue – Historical Subject Property Address	
Date Range	**Description**
Not Listed	

3417 Pasadena Avenue – Historical Subject Property Address	
Date Range	**Description**
1929	CUBBISON CRACKER CO H G Cubbison Mfrs of Cubbisons Flaxseed Crackers and Other Health Food Products

3419 Pasadena Avenue – Historical Subject Property Address	
Date Range	**Description**
1924	Dent Mark h Cubbison Harry G bakery

3419 Pasadena Avenue – Historical Subject Property Address	
Date Range	**Description**
1951	Pasadena Ave Cubbison Cracker Co
2000	XXXX

3421 Pasadena Avenue – Historical Subject Property Address	
Date Range	**Description**
1929	Legg Harry G Jessie mach

3423 Pasadena Avenue – Historical Subject Property Address	
Date Range	**Description**
1924	Condra Cath L Mrs artist r Condra Aaron M real est Condra Ralph J surveyor r
1929	Condra Aaron M Cath W slsmn Cabany J baker
1951	Pasadena Ave Condra A M r

3425 Pasadena Avenue – Historical Subject Property Address	
Date Range	**Description**
1924	SMITH Jos tailor r SMITH Conrad tailor h
1929	SMITH Jos C guard r SMITH Conrad Josephine tailor h
1933	SMITH Frances clk

3429 Pasadena Avenue – Historical Subject Property Address	
Date Range	**Description**
1924	Skillen Eileen clk r Skillen Edna N insp H W Lawson Mfg Co r Skillen Doris clk r Skillen Saml E buyer B E Dyas Co h HUMPHREYS Doris V clk r

3431 Pasadena Avenue – Historical Subject Property Address	
Date Range	**Description**
1924	DUNCAN Floyd plastr r DUNCAN Jas plastr h Duncan carroll student r
1929	NEWBY Roy L Agnes wtchmn

3437 Pasadena Avenue – Historical Subject Property Address	
Date Range	**Description**
1924	Parmenter Jay G electr h
1929	Wees Earl M Alma R collr L A G & E Corp r Wees Milton E Marian miner h

3439 Pasadena Avenue – Historical Subject Property Address	
Date Range	**Description**
1924	LOS ANGELES ROCK & GRAVEL CO INC Henry W Hawley Pres Ray L Hawley V Pres Millard A Schweltzer Sec Treas

3441 Pasadena Avenue – Historical Subject Property Address	
Date Range	**Description**
Not Listed	

3505 Pasadena Avenue - Northern Adjoining Property	
Date Range	**Description**
1937	WELCHS OVERALL CLEANING CO INC M M Welch Pres and Genl Mgr Uniforms Only
1942	WELCHS OVERALL AND UNIFORM CLEANING CO Why Buy We Supply Coveralls Shop Coats Pants Shirts Etc Wiping Towel Dept
1951	Pasadena Ae Welch Overall Clning Co Inc Pasadena Av Welchs Wiping Towel Serv Pasadena Av Overall Clning Co Inc Pasadena Av Welch Overall Clning Co Inc Pasadena Av Service Paper Towel
1957	WELCHS OVERALL CLEANING CO INC
1958	WELCHS OVERALL CLEANING CO INC Pur O Serve Linen Supply Co Block Leonard W Welches Overall Clning Co Inc
1966, 1970, 1975	WELCHS INDUSTRIAL UNIFORM & WIPING TOWELS

3505 Pasadena Avenue - Northern Adjoining Property	
Date Range	**Description**
1980	WELCHS UNIFORM RENTAL PASADENA AVE LOS ANGELES
1981, 1985	WELCH S UNIFORM RENTAL
1986	WELCH S UNIFORM RENTAL WELCH S OVERALL CLEANING CO INC SEE WELCH S UNIFORM RETAL
1990	WELCH S OVERALL CLEANING CO INC WELCH S UNIFORM RENTAL
2000	WELCHS Cyril
2010	Garcias Cutting Service Inc

403 West Avenue 33 - Western Adjoining Property	
Date Range	**Description**
2000	MERCER Art

120 East Avenue 35 – Eastern Adjoining Property	
Date Range	**Description**
1990, 2000	HILLSIDE ELEMENTARY SCHOOL
2006	SCHOOL HILLSIDE ELEMENTARY
2010, 2014	LOS ANGELES UNIFIED SCHOOL DIST

3412 Pasadena Avenue – Eastern Adjoining Property	
Date Range	**Description**
1951	Pasadena Monday B r
1981, 1986	ALARCON M
2000	BECCERA Mac Arlo
2006	o BECERRAMacario
2014	BECERRA MACARIO

3403 Smith Street – Eastern Adjoining Property	
Date Range	**Description**
1933	Keith Geo Ruth plater
1937	Gordy Duval L Evelyn auto mech
1962	De La Cruz Marcelina De La Cruz Alfredo A
1981	FELIX RAFAEL
1990	DEL CID ANA EUGENIA
2000	CHEN Shiann ROSALES Adela
2006	No Current Listing

116 West Avenue 34 – Southern Adjoining Property	
Date Range	**Description**
1990, 2000, 2006	HERRERA V G

118 West Avenue 34 – Southern Adjoining Property	
Date Range	**Description**
2000	HERRERA Vera
2006	MORALES Juan F o HERRERAVera

120 West Avenue 34 – Southern Adjoining Property	
Date Range	**Description**
2000	AVENUE 34 W 90031 CONT LEPORE Joseph

130 West Avenue 34 – Southern Adjoining Property	
Date Range	**Description**
1990	RIVERA CARMEN
2006	00X
2010, 2014	THANKSGIVING INC

134 West Avenue 34 – Southern Adjoining Property	
Date Range	**Description**
1986	ISHIZAKI STUDIOS
2000	G M L APPAREL INC LEPORE Joseph
2006	PTS APPAREL INC
2010	A C W APPAREL
2014	A C W APPAREL GML APPAREL INC

138 West Avenue 34 – Southern Adjoining Property	
Date Range	**Description**
1990	ARGUS TOOL MANUFACTURING FIRE EQUIP
2000	TERES FASHION DUARTE Teresa
2006	LASVILLAS TERES FASHION
2010	TERES FASHION INC

140 West Avenue 34 – Southern Adjoining Property	
Date Range	**Description**
2000, 2006	BARRIOS David

164 West Avenue 34 – Southern Adjoining Property	
Date Range	**Description**
2000	XXXX
2010, 2014	WATER LAND INC

166 West Avenue 34 – Southern Adjoining Property	
Date Range	**Description**
1990	SMART SAVER

166 West Avenue 34 – Southern Adjoining Property	
Date Range	**Description**
2000	WIN LEE INC WIN LEE FASHION SPINKA Thomas
2006	WATERLANDING

170 West Avenue 34 – Southern Adjoining Property	
Date Range	**Description**
1990	COVA IGNACIO AUTO REPRNG
2000	XXXX

The north adjoining property addressed 3505 Pasadena Avenue was listed under Welch's Industrial Uniforms, a laundering business, for the years 1924 through 2010, and is further discussed in Section 6.0 of this report.

No other environmental concerns were noted on the subject property or adjoining properties.

4.7 Building Department Records

FR visited the City of Los Angeles Building and Safety Department on June 27, 2019 and researched historical building records for the subject property. A summary of historical building department records is provided in the table below.

Subject Property Building Records, Pasadena Avenue Addresses		
Years	**Address**	**Description**
1905	3433 Pasadena Avenue APN 5205-004-007	Building Permit
1906	135 and 141 West Avenue 34 APN 5205-004-011	Building Permit – Bldg New (4)
1906	3433 Pasadena Avenue APN 5205-004-007	Building Permit – Bldg New
1910	3411 Pasadena Avenue	Application for Erection of Frame Building
1911	3433 Pasadena Avenue APN 5205-004-007	Building Permit – Bldg – Alter / Repair
1912	3433 Pasadena Avenue APN 5205-004-007	Building Permit – Bldg – Alter / Repair
1914	135 and 141 West Avenue 34 APN 5205-004-011	Building Permit – Bldg – Alter / Repair

Subject Property Building Records, Pasadena Avenue Addresses		
Years	**Address**	**Description**
1916	135 and 141 West Avenue 34 APN 5205-004-011	Building Permit – Bldg – Alter / Repair
1916	135 and 141 West Avenue 34 APN 5205-004-011	Building Permit – Bldg New
1925	135 and 141 West Avenue 34 APN 5205-004-011	Building Permit – Bldg New
1928	135 and 141 West Avenue 34 APN 5205-004-011	Building Permit
1929	135 and 141 West Avenue 34 APN 5205-004-011	Building Permit
1931	3419 Pasadena Avenue	Disclosure of Ownership of property since 1919 by Sophia Cubbison
1937	3433 Pasadena Avenue APN 5205-004-007	Building Permit – Bldg New
1951	3433 Pasadena Avenue APN 5205-004-007	Building Permit – Bldg – Alter / Repair
1953	135 and 141 West Avenue 34 APN 5205-004-011	Building Permit – Bldg – Alter / Repair
1953	135 and 141 West Avenue 34 APN 5205-004-011	Building Permit – Bldg New
1955	3411 Pasadena Avenue	Certificate of Occupancy, Cubbisons Bakery
1955	135 and 141 West Avenue 34 APN 5205-004-011	Building Permit – Bldg – Alter / Repair (2)
1956	3433 Pasadena Avenue APN 5205-004-007	Building Permit – Bldg – Alter / Repair
1956	135 and 141 West Avenue 34 APN 5205-004-011	Building Permit – Bldg – Alter / Repair (5)
1956	135 and 141 West Avenue 34 APN 5205-004-011	Building Permit – Bldg New
1957	135 and 141 West Avenue 34 APN 5205-004-011	Building Permit – Bldg – Alter / Repair
1961	135 and 141 West Avenue 34 APN 5205-004-011	Building Permit – Bldg – Alter / Repair
1967	3433 Pasadena Avenue APN 5205-004-007	Building Permit - Grading
1967	3433 Pasadena Avenue APN 5205-004-007	Building Permit – Grading – Bldg Addition
1967	3433 Pasadena Avenue APN 5205-004-007	Building Permit – New Construction
1967	3419 Pasadena Avenue	Termination of Covenant and Agreement because building code no longer requires an Exit Court Agreement
1967	3419 Pasadena Avenue	Termination of Covenant and Agreement because the property has been rezoned from C-3 to M-1 and loading space is not required

Subject Property Building Records, Pasadena Avenue Addresses		
Years	**Address**	**Description**
1967	3433 Pasadena Avenue APN 5205-004-007	Grading – Department Letter
1967	3433 Pasadena Avenue APN 5205-004-007	Grading – Compaction File (4)
1968	3433 Pasadena Avenue APN 5205-004-007	Certificate of Occupancy
1974	3433 Pasadena Avenue APN 5205-004-007	Building Permit – Bldg Addition
1974	3433 Pasadena Avenue APN 5205-004-007	Commission – BAAB Board File
1974	135 and 141 West Avenue 34 APN 5205-004-011	Affidavit – Oversized Building (3)
1974	135 and 141 West Avenue 34 APN 5205-004-011	Building Permit – Bldg Demolition (6)
1977	135 and 141 West Avenue 34 APN 5205-004-011	Building Permit – Grading (2)
1977	135 and 141 West Avenue 34 APN 5205-004-011	Building Permit – Bldg Demolition
1977	135 and 141 West Avenue 34 APN 5205-004-011	Building Permit – New Construction (2)
1977	135 and 141 West Avenue 34 APN 5205-004-011	Affidavit – Oversized Building (2)
1977	135 and 141 West Avenue 34 APN 5205-004-011	Plan Maintenance
1978	135 and 141 West Avenue 34 APN 5205-004-011	Certificate of Occupancy (2)
1978	135 and 141 West Avenue 34 APN 5205-004-011	Certificate of Occupancy - Temp
1978	135 and 141 West Avenue 34 APN 5205-004-011	Affidavit – Oversized Building
1979	135 and 141 West Avenue 34 APN 5205-004-011	Grading – Grading Certificate
1997	135 and 141 West Avenue 34 APN 5205-004-011	Building Permit – Alteration
1997	135 and 141 West Avenue 34 APN 5205-004-011	Building Permit – Bldg – Alter / Repair
2002	3433 Pasadena Avenue APN 5205-004-007	Range File – Miscellaneous
2003	3433 Pasadena Avenue APN 5205-004-007	Range File – Miscellaneous
2012	135 and 141 West Avenue 34 APN 5205-004-011	Building Permit – Bldg – Alter / Repair
2012	135 and 141 West Avenue 34 APN 5205-004-011	Mechanical Permit - HVAC

Subject Property Building Records, Pasadena Avenue Addresses		
Years	**Address**	**Description**
2013	135 and 141 West Avenue 34 APN 5205-004-011	Mechanical Permit - HVAC
2014	135 and 141 West Avenue 34 APN 5205-004-011	Electrical Permit

Subject Property Building Records, West Avenue 34 Addresses		
Years	**Address**	**Description**
1905	153 Avenue 34	Building Permit – Bldg Alter / Repair
1914	153 Avenue 34	Building Permit 4
1929	153 Avenue 34	Building Permit – Bldg New
1966	153 Avenue 34	Building Permit – Alteration – Bldg Alter / Repair
1992	153 Avenue 34	Building Permit – Bldg Alter / Repair
1992	153 Avenue 34	Administrative Approval
1992	153 Avenue 34	Commission – BAAB Board File
1992	153 Avenue 34	Commission – BAAB Board Letter
2000	153 Avenue 34	Building Permit – Bldg Alter / Repair

4.8 Zoning/Land Use Records

FR visited the City of Los Angeles Department of City Planning and researched additional zoning/land use records for the subject property addresses. Based on a review of the zoning map, the subject property is zoned for *commercial manufacturing* use.

4.9 Previous Reports

FR was provided with previous reports pertaining to the subject property (135, 141, and 153 West Avenue 34 and 3401 and 3433 Pasadena Avenue in Los Angeles, CA). The previous reports are summarized below:

Phase I Environmental Site Assessment – 135, 141 and 153 West Avenue 34 and 3401 and 3433 Pasadena Avenue, Los Angeles, California 90031, prepared by Orswell & Kasman, Inc, September 28, 2012.

A Phase I ESA was conducted at the subject property by Orswell & Kasman, Inc (OKI) at the request of Mr. Robert Gonzales in September 2012. The Phase I ESA consisted of public records and historical document review, regulatory agency research, site reconnaissance, and interviews. The report identified the following remarks:

1) *The subject property is occupied by multiple tenants. The 3433 Pasadena Avenue building is currently occupied by Warner Brothers Studios, a prop and set design business. The business stores and uses large quantities of water-based paint, and waste paint is generated by the*

business activities. The hazardous materials and hazardous wastes appear to be properly stored and managed and no significant spills or leaks were observed on the premises; and

2) *Eleven offsite locations have been identified as potential risks or threats to the subject property. According to the data, ten of the sites are not located in the near vicinity, and there is no indication that contaminants from these sites have migrated onto the subject property.*

   The former Welch's Uniform Facility site (#5 on map), 3505 Pasadena Avenue, is located on the adjacent property to the north, and the business is identified by State of California Environmental Protection Agency (CAL-EPA) Department of Toxic Substances Control (DTSC) as an active hazardous waste site. According to the DTSC CalSite database records, the site was previously occupied by Welch's Uniform and the property was used as a laundry and uniform rental facility over a 70 year period. Environmental studies indicate the soil and groundwater beneath the facility is contaminated with volatile organic compounds including trichloroethene (TCE). In addition, the former Welch's Uniform Rental site is identified by the State of California Regional Water Quality Control Board (RWQCB) as having two open RWQCB Cleanup Program sites. The first case was first opened in December 1987. According to the RWQCB records, the groundwater was contaminated with non-petroleum hydrocarbons, and the site is undergoing verification monitoring. The second case was opened in December 1998 and the site is undergoing an assessment.

   A review of the City of Los Angeles Fire Department (LAFD) records revealed Welch's Uniform applied for a permit to remove a 2,000-gallon underground diesel fuel tank in 1987. Soil sampling beneath the tank revealed significant Total Petroleum Hydrocarbon as gasoline (TPH-g) contamination (8,600 ppm). The groundwater beneath the site was determined to be about 35 feet below the ground surface, and the groundwater flows away from the subject property in a west-northwest direction. In February 1988, Welch's Uniform applied for a permit to abandon five underground ·storage tanks in-place, and in December 1988, Welch's Uniform applied for a permit to remove five additional underground storage tanks. In May 2004, Welch's Uniform applied for a permit to remove one additional 1,000-gallon underground storage tank. Soil sampling beneath the tank did not detect any contamination problems, and on October 26, 2004, the DPW/UGT issued a no further action letter for the closure of the 1,000-gallon underground tank. An inspection of the property revealed the site is currently a vacant lot, and remedial activities were being conducted on the site.

   Should it be determined the groundwater beneath the subject property has in fact been impacted by the Former Welch's Uniform Rental site, it is the policy of the State of California and the United States Environmental Protection Agency not to hold property owners responsible for costs to clean up contaminated groundwater beneath their property, unless the owners contributed to the problem. There is no indication from a review of the regulatory records and a site inspection that the subject property has had any problems concerning the storage, usage or disposal of hazardous materials, and it appears the former Welch's Uniform Rental site is in the process of addressing the contamination problem.

Our review of regulatory and historical records, a visual inspection of the site and surrounding area, and interviews with the property owner and the safety manager for Warner Brothers Studios has found no evidence of other recognized environmental conditions or historical recognized environmental conditions which are likely to impact the subject property. Although data failure occurred in the historical uses of the Property prior to 1906, it is unlikely the data failure will impact the ability to identify recognized environmental conditions. Based on the results of this assessment, no further environmental studies are recommended for the site.

Phase I Environmental Site Assessment – 135, 141 and 153 West Avenue 34 and 3401 and 3433 Pasadena Avenue, Los Angeles, California 90031, prepared by Orswell & Kasman, Inc, April 28, 2015.

A Phase I ESA Update Report was conducted at the subject property by OKI at the request of Mr. Andy Meyers in April 2015. The Phase I ESA consisted of S site reconnaissance, interviews, government records review, public records and historic document review, and summary of previous environmental report. The update report concludes that, *based on the results of this assessment, no further environmental studies are recommended for the site.*

4.10 Other Historical Records

No additional historical records were obtainable for the subject property.

4.11 Historical Summary

Based on a review of available historical records, the north, west, and central areas of the subject property were vacant, and the east and west areas were developed with private residential structures by as early as 1894. Most of these residential properties persisted until 1964 with few exceptions, including the subject property warehouse building addressed 153 West Avenue 34 (constructed in 1929) along the southern boundary of the site, and the subject property warehouse buildings addressed 3401 Pasadena Avenue (constructed in 1925) and 3433 Pasadena Avenue (constructed in 1967) along the eastern boundary of the site. A railroad corridor has been historically present along the western boundary since at least 1894, and is still currently in use. A bakery occupied the southeast corner of the property (original occupant of the 3401 Pasadena Avenue building) from 1919 until at least 1951, and was redeveloped as a machine and woodworking shop in 1970.

The historic industrial areas of the subject property have a more complicated history, and are discussed here as the “historic industrial areas”. These areas include the north, west, and central parts of the site. The historic industrial areas were vacant and undeveloped in 1894 until at least 1906. By 1920, these areas were developed and occupied by the Los Angeles Sand & Gravel Company, which occupied the property until at least 1928, and terminated by 1938, at which time the historic industrial areas of the subject property consisted of vacant land. By 1948, these areas were redeveloped with six industrial structures, occupied by Steel Framing & Building Corporation in 1951, and ITT Cannon Electronics Inc. from at 1964-1970. The historic industrial areas were demolished and consisted of vacant and graded land in the 1977 aerial photograph, and the subject property buildings addressed 135 and 141 West

Avenue 34 were constructed in 1977 according to building department files and tax assessor records, and was occupied by American Caster Corp from 1977 until the property was purchased by the current owner, Mr. Eric Ortiz, in 1999. Historic site operations by ITT Cannon Electronics are not considered an environmental concern due to the relatively short time-period of occupancy (6 years), and because the site was graded and reworked in association with the current on-site development, which would have dissipated potential concentrations of constituents of concern in soil potentially associated with the former site operations. The subject property has been primarily occupied by Ortiz Brothers Moving & Storage, with a variety of tenants between 1999 and present.

· 5.0 INTERVIEWS/USER INFORMATION ·

5.1 Interviews

Interviews were conducted and attempted with the following personnel listed below.

Personnel Interviewed	Brief Summary
User	Not interviewed
Property Owner	Mr. Eric Ortiz
Previous Owner	Not interviewed
Tenant/Occupant	Not interviewed
Manager	Not Interviewed
Buyer	Not interviewed
Adjoining Property Owner	Not interviewed
Broker	Not interviewed
Government Officials	Not interviewed

Mr. Eric Ortiz, the subject property owner, stated that he had no information pertaining to any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the subject property; any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the subject property; or any notices from a governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products.

5.2 User Information

5.2.1 Environmental liens and/or Activity and Use Limitations (AULs)

AULs include both legal (institutional) and physical (engineering) controls. Agencies, organizations, and jurisdictions may define or utilize these terms differently.

No AULs were identified during this investigation.

No environmental liens were identified during this investigation.

5.2.2 Specialized Knowledge

No knowledge of recognized environmental conditions or historical recognized environmental concerns was provided by the user.

5.2.3 Valuation Reduction for Environmental Issues

No information was provided by the user that indicated the subject property was being sold or valued lower due to outstanding environmental issues.

5.2.4 Commonly Known or *Reasonably Ascertainable* Information

The user has not provided or is unaware of any commonly known or reasonably ascertainable information for the subject property.

5.2.5 Other User Provided Information

No other user provided information was obtainable or provided.

· 6.0 GOVERNMENT DATABASE SECTION ·

6.1 Environmental Database Summary

As part of the Phase I Environmental Assessment, FR utilized Environmental Data Resources, Inc. (EDR) of Shelton, Connecticut, as an information source for regulatory agency environmental database records. The environmental database report was dated June 24, 2019.

An attempt to locate listed Orphan Sites (facilities that could not be mapped or geocoded due to inadequate address information) within an area or radii of concern to the subject property was attempted by FR. These attempts consisted of a street review, a drive-by view of orphan site, and/or evaluating site type given information provided by government agencies.

A copy of the radius report is included in the appendices.

Database Summary of Federal Listings				
	Search Distance (Miles)	Subject Property	Adjoining Properties	Total Number of Listings
National Priorities List (NPL)	1.0	0	0	0
Delisted NPL	0.5	0	0	0
SEMS (formerly CERCLIS)	0.5	0	0	**2**
SEMS ARCHIVE (formerly CERCLIS NFRAP)	0.5	0	0	**2**
RCRA CORRACTS	1.0	0	0	0
RCRA TSDF	0.5	0	0	0
RCRA Generators List	Subject Property and Adjoining Properties Only	**1**	**2**	**16**
Federal Institution Controls/Engineering Controls	Subject Property	0	0	0
ERNS	Subject Property	0	0	0

Database Summary of State Listings				
	Search Distance (Miles)	Subject Property	Adjoining Properties	Total Number of Listings
State/Tribal NPL (RESPONSE)	1.0	0	0	0
State/Tribal CERCLIS (Envirostor, Historical Cal-Sites)	0.5	0	**1**	**10**
State/Tribal SWF/LF	0.5	0	0	**2**
State/Tribal LUST	0.5	0	**1**	**13**
State/Tribal CPS-SLIC	0.5	0	**2**	**4**
State/Tribal VCP	0.5	0	**1**	**3**
State/Tribal Brownfield	0.5	0	0	0
State/Tribal UST, AST	Subject Property and Adjoining Properties Only	0	**1**	**1**

Database Summary of State Listings				
	Search Distance (Miles)	Subject Property	Adjoining Properties	Total Number of Listings
CA FID UST	Subject Property and Adjoining Properties Only	0	0	0
HIST UST	Subject Property and Adjoining Properties Only	0	0	0
SWEEPS UST	Subject Property and Adjoining Properties Only	0	**1**	**1**
State/Tribal Institutional Control and Engineering Control	Subject Property	0	0	0
Other State Listings	Subject Property	**3**	0	**1**

Database Summary of Local Listings (Subject Property Only)	
	Subject Property
HAZNET	**31 Records**
FINDS	**3 Records**
ECHO	**3 Records**
EMI	**2 Records**
NPDES	Not listed
County Records	Not listed

Proprietary Database Listings (Subject & Adjoining Properties)	
	Subject/Adjoining Properties
EDR Historical Auto Stations	Not listed
EDR Historical Cleaners	**1 Record**

The subject property addresses were identified in the EDR database report, summarized as follows:

- **135 West Avenue 34** (Map ID A5, 7, 10, 11, 13, 18, 19, 22, 23, 25, 27, 28, 31, 35) – this subject property address was identified in the HAZNET (12), RCRA NonGen/NLR, FINDS, and ECHO databases under the following operator names: Jardinero Productions, Birddog, Warner Bros., All About Steve Movie, Soul Productions LLC Ortiz Brothers Moving, Step Up 3D, Love & Basketball, Nurse Betty Productions, 20th Century Fox, and Olivers Arrow Movie.

  Ten of the HAZNET listings are associated with the disposal of wastes generated during film production, including very small quantities of various paints, latex gloves, fuel blends, and other organic solids (1999-2016); the remaining two HAZNET listings are associated with Ortiz Brothers Moving, including the disposal of waste oil and hydrocarbons (1997-1998).

The RCRA NonGen/NLR listing, FINDS, and ECHO listings refer to the All About Steve Movie Site (2007), a former generator of hazardous ignitable waste from photographic film. There are no reported spills, releases, or violations associated with the 135 West Avenue 34 address. Based on the available information, the listings do not represent a significant environmental concern.

- **141 West Avenue 34** (Map ID A2, 4, 6, 15, 24, 26, 29, 32, 36, 38) – this subject property address was identified in the HAZNET (8), RCRA-SQG, FINDS, ECHO, EMI, HAZMAT, and CERS databases. The listings are associate with the following operator names: Touchstone Pictures, American Caster Corp, Tomcats, Five Continent Imports LLC, Lie To Me, ABC Signatures Studio, Battle of the Sexes, and Dreamworks Productions.

  Seven of the HAZNET listings are associated with the disposal of wastes generated during film production, including very small quantities of various paints, latex gloves, fuel blends, and other organic solids (1997-2017); and the other HAZNET listing is associated with American Caster Corp for the disposal of other organic solids, hydrocarbons, oil-containing waste, and paint sludge (1987-1996).

  The RCRA-SQG refers to American Caster Corp operations on the property in 1987 (specific type of waste not specified). American Caster Corp was also identified under a historic address, 157 West Avenue 34, in the HAZMAT database.

  The ECHO, EMI, and CERS listings refer to regulated air emissions at American Caster Corp, and indicate that the property was classified as a hazardous air pollutant (major). The listed site operations include hardware manufacturing, other metal valve and pipe fitting manufacturing, and ball and roller bearing manufacturing. There are no reported spills, releases, or violations associated with the 141 West Avenue 34 address. Based on the available information, the listings do not represent a significant environmental concern.

- **153 West Avenue 34** (Map ID A1) – this subject property address was identified under the operator name William Pile Enterprises and was identified in the HAZMAT database with a listing dated January 2019. The HAZMAT database is a list of facility and manifest data compiled by DTSC. No further information was provided by the listing. There are no reported spills or violations associated with the 153 West Avenue 34 address. Based on the available information, the listings do not represent a significant environmental concern.

- **3401 Pasadena Avenue** (Map ID A3, 14, 21, 30) – this subject property address was identified in the HAZNET (3) and EMI databases under the operator names 20th Century Fox, E D 1125 Inc, Elastic Coatings Org, and Bob Baker Production.

  Two of the HAZNET listings are associated with the disposal of wastes generated during film production, including very small quantities of various paints, latex gloves, fuel blends, waste oil, and other organic solids (2006-2007); and the other HAZNET listing is related to Elastic Coatings Organization for the disposal of unspecified solvent mixtures, pesticides, and alkaline solution without metals pH > 12.5 (1993).

The EMI listing refers to air emissions (total organic hydrocarbons and reactive organic gases) associated with Bob Baker Productions, a film production company (1990). There are no reported spills, releases, or violations associated with the 3401 Pasadena Avenue address. Based on the available information, the listings do not represent a significant environmental concern.

- **3433 Pasadena Avenue** (Map ID A8, 9, 12, 16, 17, 20, 33, 34, 37) – this subject property address was identified in the HAZNET (8), FINDS, ECHO, and RCRA NonGen/NLR databases under the operator names Gone Girl, Moneyball, Informant Productions, End of Watch LLC, Warner Bros. Hangover 3, Hotel for Dogs, and Fox Gone Girl.

  All of the HAZNET listings are associated with the disposal of wastes generated during film production, including very small quantities of various paints, latex gloves, fuel blends, and other organic solids (2008-2014). The RCRA NonGen/NLR, FINDS, and ECHO listings refer to operations associated with filming the Warner Bros Hangover 3 movie (2010-2012), a former generator of the following hazardous waste: ignitable waste; methyl ethyl ketone; and non-halogenated solvents. There are no reported spills, releases, or violations associated with the 135 West Avenue 34 address. Based on the available information, the listings do not represent a significant environmental concern.

· SUMMARY OF LISTINGS ·

National Priorities List (NPL) Facilities

The NPL, also known as the Superfund List, is an EPA listing of the nation's worst uncontrolled or abandoned hazardous waste facilities. Designation as a Superfund Site is primarily based on a score that the facility receives from the EPA's Hazard Ranking System. These facilities are targeted for possible long-term remedial action. Such prioritized sites with significant risk to human health and the environment receive remedial funding under the Comprehensive Environmental Response Conservation and Liability Act (CERCLA). The NPL is compiled by EPA pursuant to CERCLA, 42 U.S.C.§9605(a)(8)(B). (*http://www.epa.gov/superfund/sites/npl/npl.htm*).

No NPL sites were identified within the specified radius from the subject property.

Federal Delisted NPL List

Federal Delisted NPL List consists of sites that no longer require further response actions as determined by the EPA.

No Federal Delisted NPL List sites were identified within the specified radius from the subject property.

SEMS (Superfund Enterprise Management System) List

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly known as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Two SEMS List sites were identified within the specified radius from the subject property.

- **3209 East Humboldt Street (**Map ID I74-78) – this property is located approximately 600 feet south of the subject property, and was identified under the operator ITT Cannon / Kennington. The site is listed in the following databases from the report: HAZMAT, UST, RCRA-SQG, FINDS, SEMS, ENVIROSTOR, VCP, SWEEPS UST, CA FID UST, DEED, HIST CORTESE, CPS-SLIC, LA Co. Mitigation, and CERS.

  The SEMS, ENVIROSTOR, VCP, HIST CORTESE, FINDS, CPS-SLIC, and LA Co. Mitigation listings indicate that the property is a Superfund site with environmental investigations dating back to 1990, due to battery and electronics manufacturing on the property, including lead, PCBs, tetrachloroethene (PCE), and trichloroethene (TCE). The site was enrolled in the Voluntary Cleanup Program (VCP) in 1993, and remedial activities to date have included the excavation of soil approximately 46 feet below ground surface with off-site disposal of 18,000 cubic yards of contaminated soil. The site is still being actively monitored by the DTSC Site Cleanup Program. The DEED listing refers to land-use restrictions imposed on the site as part of the VCP agreement.

  The RCRA-SQG and HAZMAT listings indicate the property is a small quantity generator of hazardous waste, including polychlorinated biphenyls (PCBs) and lead (1998-2006). Based on separation distance and regulatory oversight of cleanup activities with active groundwater monitoring, this site does not represent a significant environmental concern to the subject property.

- **301 West Avenue 26** (Map ID S127-128) – this property is located approximately 1,700 feet southwest of the subject property and was identified under the operator names Jaybee and Ajax Manufacturing. The site is listed in the ENVIROSTOR, VCP, EMI, and SEMS databases. The listings indicate the property was discovered as contaminated in 1994, with a discovery date of 2000. The site was listed as a Superfund site in 2002. The contaminants of concern include lead, PAHs, PCE, diesel fuel, TCE, and other volatile organic compounds associated with former manufacturing operations at the site, and the site is currently active in the VCP. Based on separation distance and regulatory oversight of cleanup activities with active groundwater monitoring, this site does not represent a significant environmental concern to the subject property.

SEMS-ARCHIVE List

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

Two SEMS-ARCHIVE List sites were identified within the specified radius from the subject property.

- **3011 Humboldt Street** (Map ID N119) – this site was identified under the operator name NI West Incorporated and is located approximately 1,125 feet south of the subject property. The site is listed in the SEMS-ARCHIVE database. The listing indicates that the site was discovered in 1993 and investigated in 2003. The site was determined to not be included in the NPL with an archived date of 2005. Based on separation distance and the available information, this site does not represent a significant environmental concern to the subject property.

- **241 Avenue 26** (Map ID 136, 145) – this site was identified under the operator name Baron Manufacturing and is located approximately 1,800 feet southwest of the subject property. The site is listed in the ENVIROSTOR and SEMS ARCHIVE databases. The listings indicate the site was discovered in 1983 and investigated in 1984 and 1994 due to steel and sheet metal fabrication. The contaminants of concern include unspecified solvent mixtures. No further information was provided by the listings. Based on separation distance and regulatory oversight of cleanup activities with active groundwater monitoring, this site does not represent a significant environmental concern to the subject property. Based on separation distance and regulatory oversight, this site not represent a significant environmental concern to the subject property.

RCRA CORRACTS List

RCRA CORRACTS List is an EPA-maintained database of Resource Conservation and Recovery Act (RCRA) facilities undergoing "corrective action". A "corrective action order" is issued when there has been a release of hazardous waste or constituents into the environment from a RCRA facility. Corrective actions may be required beyond the facility's boundary and can be required regardless of when the release occurred, even if it predates RCRA.

No RCRA CORRACTS List sites were identified within the specified radius from the subject property. .

RCRA TSDF List

RCRA TSDF List are sites that generate, transport, store, treat, and/or dispose of hazardous waste and are required to register their hazardous waste activity under the Resource Conservation and Recovery Act (RCRA). The list includes small- and large-quantity operators and handler violations.

No RCRA TSDF List sites were identified within the specified radius from the subject property.

RCRA Generators List (Small Quantity and Large Quantity)

RCRA hazardous waste generators are identified as Large Quantity Generators (LQGs), Small Quantity Generators (SQGs), or Conditionally Exempt Small Quantity Generators (CESQGs). RCRA LQGs are identified as those facilities, which generate at least 1,000 kilograms (2,200 pounds) of non-acutely hazardous waste (or 1 kilogram of acutely hazardous waste) in any calendar month. RCRA SQGs are identified as those facilities that generate less than 1,000 kilograms of non-acutely hazardous waste in any calendar month.

The subject property address, 141 West Avenue 34, was identified on the RCRA Generator database

- **141 West Avenue 34** (Map ID A2, 4, 6, 15, 24, 26, 29, 32, 36, 38) – this subject property address was identified in the HAZNET (8), RCRA-SQG, FINDS, ECHO, EMI, HAZMAT, and CERS databases. The listings are associate with the following operator names: Touchstone Pictures, American Caster Corp, Tomcats, Five Continent Imports LLC, Lie To Me, ABC Signatures Studio, Battle of the Sexes, and Dreamworks Productions.

  Seven of the HAZNET listings are associated with the disposal of wastes generated during film production, including very small quantities of various paints, latex gloves, fuel blends, and other organic solids (1997-2017); and the other HAZNET listing is associated with American Caster Corp for the disposal of other organic solids, hydrocarbons, oil-containing waste, and paint sludge (1987-1996).

  The RCRA-SQG refers to American Caster Corp operations on the property in 1987 (specific type of waste not specified). American Caster Corp was also identified under a historic address, 157 West Avenue 34, in the HAZMAT database.

  The ECHO, EMI, and CERS listings refer to regulated air emissions at American Caster Corp, and indicate that the property was classified as a hazardous air pollutant (major). The listed site operations include hardware manufacturing, other metal valve and pipe fitting manufacturing, and ball and roller bearing manufacturing. There are no reported spills, releases, or violations associated with the 141 West Avenue 34 address. Based on the available information, the listings do not represent a significant environmental concern to the subject property.

Two of the neighboring or adjoining properties were identified on the RCRA Generator database.

- **3505 Pasadena Avenue** (Map ID B41-47) – this site was identified under the operator name Former Welch's Uniform Services and is located adjacent to and north of the subject property. The site is listed in the following databases from the report: UST (2), RCRA-LQG, ENVIROSTOR, LUST, CPS-SLIC (2), VCP, SWEEPS UST, HIST UST, CA FID UST, FINDS, ECHO, EMI, HIST CORTESE, CERS, DRYCLEANERS, HAZMAT, and EDR Hist Cleaner.

  The ENVIROSTOR, VCP, and CPS-SLIC (2) listings indicate the site was enrolled in the VCP in 2007 after being transferred to DTSC in 2006. Groundwater beneath the property is being actively monitored, and, according to a 2016 groundwater monitoring report, groundwater concentrations of the contaminants of concern are highest near the center of the site, and the plume appears to be migrating west and then south along the railroad corridor ROW along the western boundary of the subject property. The site is being actively remediated via soil vapor extraction and under the supervision of DTSC. The most recent (2016) groundwater monitoring report indicates that groundwater concentrations have approached cleanup levels at the subject property boundary. It is expected that the concentrations have continued to decline in the last 3 years since the most recent report as remedial activities continue.

  The UST (2), HIST UST, CA FID UST, SWEEPS UST, CERS, and LUST listings indicate that there were former historic USTs containing diesel fuel, gasoline, waste oil, and "product unknown on the site, but none are currently active. The LUST listing refers to a release reported in 1987 (product not specified). The EMI listing refers to South coast Air Quality Management District (SCAQMD) air emissions regulation at the property, including total organic hydrocarbon gases and reactive organic gases. The RCRA-LQG, HAZMAT, and EDR Hist Cleaners listings indicate that the facility was a drycleaner and a historical large-quantity generator of hazardous waste, specifically chlorinate solvents (1924-1987).

  Based on regulatory oversight and on-going SVE remediation with semi-annual groundwater monitoring, and the most recent (2016) analytical data available, this site does not represent a significant environmental concern to the subject property.

- **120 East Avenue 35** (Map ID F65-66) – this site was identified under the operator name Hillside Elementary and is located adjacent to and east of the subject property. The site is listed in the HAZMAT, RCRA-SQG, FINDS, and ECHO databases. The listings indicate that the property is a small-quantity generator of hazardous waste. There are no reported spills, releases, or violations associated with the property. No further information is provided by the listings. Based on the available information, this site does not represent a significant concern to the subject property.

US Engineering Controls

This is a listing of sites with engineering controls in place to control on-site contamination. Engineering controls may include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

The subject property was not identified on the US Engineering Control sites database.

US Institutional Controls

This is a listing of sites with institutional controls in place to control on-site contamination. Institutional controls may include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

The subject property was not identified on the US Institutional Control sites database.

Emergency Response Notification System (ERNS)

ERNS is a national database used to collect information on reported releases of petroleum products or hazardous substances. The database contains information from spill reports made to federal authorities including the EPA, the U.S. Coast Guard, the National Response Center and the U.S. Department of Transportation. The program is a cooperative effort of the EPA, the Department of Transportation Research and Special Program Administration's National Transportation System Center, and the National Response Center. There are five primary Federal statutes that require release reporting: CERCLA Section 103; the Superfund Amendments and Reauthorization Act (SARA) Title III Section 304; the Clean Water Act of 1972 (CWA) Section 311(b) (3); and the Hazardous Material Transportation Act of 1974 (HMTA) Section 1808 (b).

The subject property was not identified on the ERNS database.

State/Tribal NPL (Response)

Response sites identify confirmed release sites where the California Department of Toxic Substances Control (DTSC) is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

No State/Tribal NPL sites were identified within the specified radius from the subject property.

State/Tribal CERCLIS (Envirostor and Historical Cal-Sites)

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) Envirostor database identifies sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response (RESPONSE), including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. Envirostor provides similar information to the information that was available in Cal-Sites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land

uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Ten-Nine State/Tribal CERCLIS sites were identified within the specified radius from the subject property. Due to the volume of sites, only the three sites within 1,000 feet of the subject property are further discussed.

- **3505 Pasadena Avenue** (Map ID B41-47) – this site was identified under the operator name Former Welch's Uniform Services and is located adjacent to and north of the subject property. The site is listed in the following databases from the report: UST (2), RCRA-LQG, ENVIROSTOR, LUST, CPS-SLIC (2), VCP, SWEEPS UST, HIST UST, CA FID UST, FINDS, ECHO, EMI, HIST CORTESE, CERS, DRYCLEANERS, HAZMAT, and EDR Hist Cleaner. The site was previously described in the RCRA generators sub-section above. Based on regulatory oversight and on-going SVE remediation with semi-annual groundwater monitoring, and the most recent (2016) analytical data available, this site does not represent a significant concern to the subject property.

- **3408 Arroyo Seco Avenue** (Map ID K83-86) – this site was identified under the operator name Los Angeles USD Loreto Elem School and is located approximately 415 feet northwest of the subject property. The site is listed in the RCRA-SQG, FINDS, ECHO, ENVIROSTOR, SCH, UST, and HAZMAT databases. The listings indicate the facility was a small-quantity generator of hazardous waste. The ENVIROSTOR listing refers to an investigation conducted in 2006 and the status is listed as closed and withdrawn with no contaminants found. There are no reported spills, releases, or violations associated with the property. No further information is provided by the listings. Based on the available information, this site does not represent a significant concern to the subject property.

- **3209 East Humboldt Street (**Map ID I74-78) – this property is located approximately 600 feet south of the subject property, and was identified under the operator ITT Cannon / Kennington. The site is listed in the following databases from the report: HAZMAT, UST, RCRA-SQG, FINDS, SEMS, ENVIROSTOR, VCP, SWEEPS UST, CA FID UST, DEED, HIST CORTESE, CPS-SLIC, LA Co. Mitigation, and CERS. The site was previously discussed in the SEMS database review section. Based on separation distance and regulatory oversight of cleanup activities with active groundwater monitoring, this site does not represent a significant environmental concern to the subject property.

Based on the relative distance from the subject property, down-gradient to cross-gradient hydraulic position, continued regulatory oversight, soil-only media impacted, lack of reported violations or releases, and/or current case-closed/NFA status, none of the listed sites are anticipated to represent a significant environmental concern to the subject property.

State/Tribal SWF/LF

State/Tribal Solid Waste Landfills (SWLF) typically contains an inventory of solid waste disposal facilities or landfills in a particular State. Depending on the State, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

One State/Tribal SWF/LF site with two listings was identified within the specified radius from the subject property.

- **400 West Avenue 26** (Map ID T129, 130, 133) – this site was identified under the operator name Lacy's Street Dump and is located approximately 1,700 feet southwest of the subject property. The site is listed in the WMUDS/SWAT, LDS, CERS (2), and SWF/LF (2) databases. The listings indicate that the property operated as a landfill in 1975 and is listed as currently closed. The site achieved regulatory closure status with DTSC in 2016. Based on separation distance and regulatory closure status, this site does not represent a significant environmental concern to the subject property.

State/Tribal LUST and CPS-SLIC

LUST Sites

Leaking Underground Storage Tanks (LUST) sites are a database of sites with confirmed or unconfirmed leaking underground storage tanks.

Seven LUST sites comprised of thirteen listings were identified within the specified radius from the subject property. Due to the volume of listings, only the four sites within 1,000 feet of the subject property are further discussed.

3505 Pasadena Avenue (Map ID B41-47) – this site was identified under the operator name Former Welch's Uniform Services and is located adjacent to and north of the subject property. The site is listed in the following databases from the report: UST (2), RCRA-LQG, ENVIROSTOR, LUST, CPS-SLIC (2), VCP, SWEEPS UST, HIST UST, CA FID UST, FINDS, ECHO, EMI, HIST CORTESE, CERS, DRYCLEANERS, HAZMAT, and EDR Hist Cleaner. The site was previously described in the RCRA generators sub-section above. Based on regulatory oversight and on-going SVE remediation with semi-annual groundwater monitoring, and the most recent (2016) analytical data available, this site does not represent a significant environmental concern to the subject property.

- **3225 Lacy Street** (Map ID H67-73) – this site was identified under the operator names Heath & Co, and Maintenance and Operations New Maintenance Company for the Los Angeles Unified School District. The site is located approximately 350 feet southwest of the subject property, and is listed in the following databases from the report: HIST UST, UST, SWEEPS UST, CA FID UST, RCRA-LQG, HAZMAT, LUST, FINDS, ECHO, HIST CORTESE, and CERS.

The UST, SWEEPS UST, CA FID UST, and LUST listings refer to a 7,500-gallon diesel fuel UST installed in 1964, and a 12,000-gallon gasoline UST installed in 1973. The tanks are listed as active in a 1993 SWEEPS UST listing. The LUST listing refers to a gasoline release reported in July 1995 during tank removal. The site achieved regulatory closure status in November 1995.

The RCRA-LQG, HAZMAT, FINDS, ECHO, HIST CORTESE, and CERS listings indicate the facility is a large-quantity generator of the following hazardous wastes: ignitable waste, corrosive waste, lead, and mercury. There are no reported violations associated with the property. Based on separation distance and site closure status, this site does not represent a significant environmental concern to the subject property.

- **3580 Pasadena Avenue** (Map ID J94-97) – this site was identified under the operator name Flavor Food Inc. and is located approximately 700 feet northeast of the subject property. The site is listed in the following databases from the report: SWEEPS UST, CA FID UST, LUST, HIST UST, HIST CORTESE, CERS, and UST.

  The UST listings refer to three 9,000-gallon gasoline USTs installed in and removed in 1986. The LUST listing refers to a gasoline release reported in October1986 during tank removal with regulatory closure status in November 1986. There are no reported violations associated with the property. Based on separation distance and site closure status, this site does not represent a significant environmental concern to the subject property.

- **3101 Artesian Street** (Map ID N98-104) – this site was identified under the operator names Lincoln Heights District and P D D Construction MTNC. The site is located approximately 730 feet southwest of the subject property, and is listed in the following databases from the report: SWEEPS UST, CA FID UST, UST (2), LUST (2), RCRA-SQG, FINDS, ECHO, HAZMAT, CERS HAZ WASTE, HIST UST (2), CERS TANKS, HIST CORTESE, and CERS.

  The UST listings refer to four active 5,000-gallon diesel fuel USTs on the property. The LUST listings refer to petroleum releases reported in 1991 with regulatory closure status in 1997.

  The CERS HAZWASTE and ECHO listings refer to the following violations: violations reported in 2016 due to failure to comply with one or more of the following, failure to property label hazardous waste accumulation containers, and a violation for failure to maintain uniform hazardous waste manifests for three years; : failure to install a spill bucket, have a functional drain valve or other method for the removal of liquid from the spill bucket/spill container, and/or be resistant to galvanic corrosion; violations reported in 2018 due to failure to submit a complete and accurate application for a permit to operate a UST, or for renewal of the permit, and a violation for failure to submit or maintain a current facility plot plan; a violation reported in 2017 due to the failure to maintain records of repairs, lining, and upgrades on site; and a violation in 2013 for failure to obtain and/or maintain an active hazardous waste generator permit. Refer to the database report for more information.

The RCRA-SQG, FINDS, HAZMAT, and CERS listings indicate the facility is a small-quantity generator of hazardous waste (1996). Based on separation distance from the subject property, this site does not represent a significant environmental concern to the subject property.

Based on the relative distance from the subject property, down-gradient to cross-gradient hydraulic position, continued regulatory oversight, soil-only media impacted, lack of reported violations or releases, and/or current case-closed/NFA status, none of the listed sites are anticipated to represent a significant environmental concern to the subject property.

CPS-SLIC Sites

Three CPS-SLIC sites comprised of four listings were identified within the specified radius from the subject property.

- **3505 Pasadena Avenue** (Map ID B41-47) – this site was identified under the operator name Former Welch's Uniform Services and is located adjacent to and north of the subject property. The site is listed in the following databases from the report: UST (2), RCRA-LQG, ENVIROSTOR, LUST, CPS-SLIC (2), VCP, SWEEPS UST, HIST UST, CA FID UST, FINDS, ECHO, EMI, HIST CORTESE, CERS, DRYCLEANERS, HAZMAT, and EDR Hist Cleaner. The site was previously described in the RCRA generators sub-section above. Based on regulatory oversight and on-going SVE remediation with semi-annual groundwater monitoring, and the most recent (2016) analytical data available, this site not represent a significant environmental concern to the subject property.

- **3209 East Humboldt Street (**Map ID I74-78) – this property is located approximately 600 feet south of the subject property, and was identified under the operator ITT Cannon / Kennington. The site is listed in the following databases from the report: HAZMAT, UST, RCRA-SQG, FINDS, SEMS, ENVIROSTOR, VCP, SWEEPS UST, CA FID UST, DEED, HIST CORTESE, CPS-SLIC, LA Co. Mitigation, and CERS. The site was previously discussed in the SEMS database review section. Based on separation distance and regulatory oversight of cleanup activities with active groundwater monitoring, this site does not represent a significant environmental concern to the subject property.

- **306-360 Avenue 26** (Map ID W137) – this property is located approximately 1,775 feet southwest of the subject property and was identified under the operator name The E B Malone Corp. The site is listed in the CPS-SLIC and CERS databases. There is also an orphan listing for the site in the CPS-SLIC database. The listings indicate that the site was enrolled in the DTSC Cleanup Program and was investigated for VOCs and chromium, and has achieved regulatory closure status as of April 2006. Based on the available information and separation distance, this site does not represent a significant environmental concern to the subject property.

Based on the relative distance from the subject property, down-gradient to cross-gradient hydraulic position, continued regulatory oversight, soil-only media impacted, lack of reported violations or

releases, and/or current case-closed/NFA status, none of the listed sites are anticipated to represent a significant environmental concern to the subject property.

State/Tribal UST (also AST, HIST UST, SWEEPS UST, and CA FID UST list)

State/Tribal Underground Storage Tanks (UST): This is a list of state registered underground storage tanks for the site area. Sites appearing on the UST list have not necessarily released hazardous substances into the environment nor do they necessarily pose environmental threat to surrounding properties. Since Federal and State UST regulations require periodic monitoring for UST leakage and immediate reporting of evidence of UST leakage, only those sites appearing on the Leaking Underground Storage Tanks (LUST) list are considered to have significant potential of environmental impact for the purposes of this Phase I.

The subject property was not identified on the Registered UST/AST database.

One of the adjoining properties was identified on the Registered UST/AST database.

- **3505 Pasadena Avenue** (Map ID B41-47) – this site was identified under the operator name Former Welch's Uniform Services and is located adjacent to and north of the subject property. The site is listed in the following databases from the report: UST (2), RCRA-LQG, ENVIROSTOR, LUST, CPS-SLIC (2), VCP, SWEEPS UST, HIST UST, CA FID UST, FINDS, ECHO, EMI, HIST CORTESE, CERS, DRYCLEANERS, HAZMAT, and EDR Hist Cleaner. The site was previously described in the RCRA generators sub-section above. Based on regulatory oversight and on-going SVE remediation with semi-annual groundwater monitoring, and the most recent (2016) analytical data available, this site does not represent a significant concern to the subject property.

SWEEPS UST: Statewide Environmental Evaluation and Planning System: This is an inactive underground storage tank database. It identifies underground storage tanks and was maintained by a contractor for the State Water Resources Control Board in the early 1980s. The listing is no longer updated or maintained.

The subject property was not identified on the SWEEPS UST database.

One of the adjoining properties was identified on the SWEEPS UST database.

- **3505 Pasadena Avenue** (Map ID B41-47) – this site was identified under the operator name Former Welch's Uniform Services and is located adjacent to and north of the subject property. The site is listed in the following databases from the report: UST (2), RCRA-LQG, ENVIROSTOR, LUST, CPS-SLIC (2), VCP, SWEEPS UST, HIST UST, CA FID UST, FINDS, ECHO, EMI, HIST CORTESE, CERS, DRYCLEANERS, HAZMAT, and EDR Hist Cleaner. The site was previously described in the RCRA generators sub-section above. Based on regulatory oversight and on-going SVE remediation with semi-annual groundwater monitoring, and the most recent (2016) analytical data available, this site does not represent a significant environmental concern to the subject property.

HIST UST: Historical Underground Storage Tank Registered Database: This is a listing of underground storage tanks that have been registered but have been removed or are no longer in service. Data on the HIST UST list was supplied by the State Water Resources Control Board.

The subject property was not identified on the Historical UST database.

One of the adjoining properties was identified on the Historical UST database.

- **3505 Pasadena Avenue** (Map ID B41-47) – this site was identified under the operator name Former Welch's Uniform Services and is located adjacent to and north of the subject property. The site is listed in the following databases from the report: UST (2), RCRA-LQG, ENVIROSTOR, LUST, CPS-SLIC (2), VCP, SWEEPS UST, HIST UST, CA FID UST, FINDS, ECHO, EMI, HIST CORTESE, CERS, DRYCLEANERS, HAZMAT, and EDR Hist Cleaner. The site was previously described in the RCRA generators sub-section above. Based on regulatory oversight and on-going SVE remediation with semi-annual groundwater monitoring, and the most recent (2016) analytical data available, this site does not represent a significant environmental concern to the subject property.

CA Facility Inventory Database (CA FID): This is a list of active and inactive underground storage tank sites. The database is maintained by the California Water Resources Control Board.

The subject property was not identified on the CA FID UST database.

One of the adjoining properties was identified on the CA FID UST database.

- **3505 Pasadena Avenue** (Map ID B41-47) – this site was identified under the operator name Former Welch's Uniform Services and is located adjacent to and north of the subject property. The site is listed in the following databases from the report: UST (2), RCRA-LQG, ENVIROSTOR, LUST, CPS-SLIC (2), VCP, SWEEPS UST, HIST UST, CA FID UST, FINDS, ECHO, EMI, HIST CORTESE, CERS, DRYCLEANERS, HAZMAT, and EDR Hist Cleaner. The site was previously described in the RCRA generators sub-section above. Based on regulatory oversight and on-going SVE remediation with semi-annual groundwater monitoring, and the most recent (2016) analytical data available, this site does not represent a significant environmental concern to the subject property.

State/Tribal VCP

The State Voluntary Cleanup Program list addresses the environmental, legal and financial barriers that often hinder the redevelopment and reuse of contaminated properties. The Voluntary Cleanup Program was developed to enhance private sector cleanup of brownfields by enabling parties to remediate sites using private rather than public funds and to reduce the development pressures on "greenfield" sites.

Three State/Tribal VCP sites were identified within the specified radius from the subject property.

- **3505 Pasadena Avenue** (Map ID B41-47) – this site was identified under the operator name Former Welch's Uniform Services and is located adjacent to and north of the subject property. The site is listed in the following databases from the report: UST (2), RCRA-LQG, ENVIROSTOR, LUST, CPS-SLIC (2), VCP, SWEEPS UST, HIST UST, CA FID UST, FINDS, ECHO, EMI, HIST CORTESE, CERS, DRYCLEANERS, HAZMAT, and EDR Hist Cleaner. The site was previously described in the RCRA generators sub-section above. Based on regulatory oversight and on-going SVE remediation with semi-annual groundwater monitoring, and the most recent (2016) analytical data available, this site does not represent a significant environmental concern to the subject property.

- **3209 East Humboldt Street (**Map ID I74-78) – this property is located approximately 600 feet south of the subject property, and was identified under the operator ITT Cannon / Kennington. The site is listed in the following databases from the report: HAZMAT, UST, RCRA-SQG, FINDS, SEMS, ENVIROSTOR, VCP, SWEEPS UST, CA FID UST, DEED, HIST CORTESE, CPS-SLIC, LA Co. Mitigation, and CERS. The site was previously discussed in the SEMS database review section. Based on separation distance and regulatory oversight of cleanup activities with active groundwater monitoring, this site does not represent a significant environmental concern to the subject property.

- **301 West Avenue 26** (Map ID S127-128) – this property is located approximately 1,700 feet southwest of the subject property and was identified under the operator names Jaybee and Ajax Manufacturing. The site is listed in the ENVIROSTOR, VCP, EMI, and SEMS databases. The listings indicate the property was discovered as contaminated in 1994, with a discovery date of 2000. The site was listed as a Superfund site in 2002. The contaminants of concern include lead, PAHs, PCE, diesel fuel, TCE, and other volatile organic compounds associated with former manufacturing operations at the site, and the site is currently active in the VCP. Based on separation distance and regulatory oversight of cleanup activities with active groundwater monitoring, this site does not represent a significant environmental concern to the subject property.

State/Tribal Brownfield Sites

No State/Tribal Brownfield Sites were identified within the specified radius from the subject property.

State/Tribal Institutional Control and Engineering Control

The State/Tribal Institutional Control and Engineering Control list consists of deed-restricted sites with environmental remediation associated with engineering or institutional controls.

The subject property was not listed on the State/Tribal Institutional Control and Engineering Control sites database.

Local Ascertainable Records in Database

The subject property addresses were identified in several of the local ascertainable records databases, summarized as follows:

- **135 West Avenue 34** (Map ID A5, 7, 10, 11, 13, 18, 19, 22, 23, 25, 27, 28, 31, 35) – this subject property address was identified in the HAZNET (12), RCRA NonGen/NLR, FINDS, and ECHO databases under the following operator names: Jardinero Productions, Birddog, Warner Bros., All About Steve Movie, Soul Productions LLC Ortiz Brothers Moving, Step Up 3D, Love & Basketball, Nurse Betty Productions, 20th Century Fox, and Olivers Arrow Movie.

  Ten of the HAZNET listings are associated with the disposal of wastes generated during film production, including very small quantities of various paints, latex gloves, fuel blends, and other organic solids (1999-2016); the remaining two HAZNET listings are associated with Ortiz Brothers Moving, including the disposal of waste oil and hydrocarbons (1997-1998).

  The RCRA NonGen/NLR listing, FINDS, and ECHO listings refer to the All About Steve Movie Site (2007), a former generator of hazardous ignitable waste from photographic film. There are no reported spills, releases, or violations associated with the 135 West Avenue 34 address. Based on the available information, the listings do not represent a significant environmental concern.

- **141 West Avenue 34** (Map ID A2, 4, 6, 15, 24, 26, 29, 32, 36, 38) – this subject property address was identified in the HAZNET (8), RCRA-SQG, FINDS, ECHO, EMI, HAZMAT, and CERS databases. The listings are associate with the following operator names: Touchstone Pictures, American Caster Corp, Tomcats, Five Continent Imports LLC, Lie To Me, ABC Signatures Studio, Battle of the Sexes, and Dreamworks Productions.

  Seven of the HAZNET listings are associated with the disposal of wastes generated during film production, including very small quantities of various paints, latex gloves, fuel blends, and other organic solids (1997-2017); and the other HAZNET listing is associated with American Caster Corp for the disposal of other organic solids, hydrocarbons, oil-containing waste, and paint sludge (1987-1996).

  The RCRA-SQG refers to American Caster Corp operations on the property in 1987 (specific type of waste not specified). American Caster Corp was also identified under a historic address, 157 West Avenue 34, in the HAZMAT database.

  The ECHO, EMI, and CERS listings refer to regulated air emissions at American Caster Corp, and indicate that the property was classified as a hazardous air pollutant (major). The listed site operations include hardware manufacturing, other metal valve and pipe fitting manufacturing, and ball and roller bearing manufacturing. There are no reported spills, releases, or violations associated with the 141 West Avenue 34 address. Based on the available information, the listings do not represent a significant environmental concern.

- **153 West Avenue 34** (Map ID A1) – this subject property address was identified under the operator name William Pile Enterprises and was identified in the HAZMAT database with a listing dated January 2019. The HAZMAT database is a list of facility and manifest data compiled by DTSC. No further information was provided by the listing. There are no reported spills or violations associated with the 153 West Avenue 34 address. Based on the available information, the listings do not represent a significant environmental concern.

- **3401 Pasadena Avenue** (Map ID A3, 14, 21, 30) – this subject property address was identified in the HAZNET (3) and EMI databases under the operator names 20th Century Fox, E D 1125 Inc, Elastic Coatings Org, and Bob Baker Production.

  Two of the HAZNET listings are associated with the disposal of wastes generated during film production, including very small quantities of various paints, latex gloves, fuel blends, waste oil, and other organic solids (2006-2007); and the other HAZNET listing is related to Elastic Coatings Organization for the disposal of unspecified solvent mixtures, pesticides, and alkaline solution without metals pH > 12.5 (1993).

  The EMI listing refers to air emissions (total organic hydrocarbons and reactive organic gases) associated with Bob Baker Productions, a film production company (1990). There are no reported spills, releases, or violations associated with the 3401 Pasadena Avenue address. Based on the available information, the listings do not represent a significant environmental concern.

- **3433 Pasadena Avenue** (Map ID A8, 9, 12, 16, 17, 20, 33, 34, 37) – this subject property address was identified in the HAZNET (8), FINDS, ECHO, and RCRA NonGen/NLR databases under the operator names Gone Girl, Moneyball, Informant Productions, End of Watch LLC, Warner Bros. Hangover 3, Hotel for Dogs, and Fox Gone Girl.

  All of the HAZNET listings are associated with the disposal of wastes generated during film production, including very small quantities of various paints, latex gloves, fuel blends, and other organic solids (2008-2014). The RCRA NonGen/NLR, FINDS, and ECHO listings refer to operations associated with filming the Warner Bros Hangover 3 movie (2010-2012), a former generator of the following hazardous waste: ignitable waste; methyl ethyl ketone; and non-halogenated solvents. There are no reported spills, releases, or violations associated with the 135 West Avenue 34 address. Based on the available information, the listings do not represent a significant environmental concern.

Orphan Listings

Orphan listing consists of sites that are provided in the regulatory database; however, due to poor or inadequate address information were not mapped.

The subject property or other sites in immediate vicinity were not listed in orphan summary. Therefore, the listed sites are not expected to represent a significant environmental concern.

6.2 Proprietary Database Listings

The subject property was not identified on the EDR proprietary records databases.

6.3 Vapor Encroachment Condition

ASTM E2600-10 Standard Guide for Vapor Encroachment Screening (VES) on Property Involved in Real Estate Transactions was used as guidance for conducting a VES for the subject property. The purpose of the screening is to determine whether a Vapor Encroachment Condition (VEC) exists from chemicals of concern (COC*)* that may migrate as vapors onto a property as a result of contaminated soil and groundwater on or near the subject property. Current or past uses such as gas stations (using petroleum hydrocarbons), dry cleaning establishments (using chlorinated volatile organic compounds), former manufactured gas plant sites (using volatile and semi-volatile organic compounds), and former industrial sites such as those that had vapor degreasing or other parts-cleaning operations (using chlorinated volatile organic compounds) are of particular concern. COC vapors are capable of migrating great distances omni-directionally along subsurface conduits such as utility lines, pipelines, sewer and storm water lines, and building fountains which may represent a potential VEC in connection with the subject property. There are two levels of screening for VECs:

<u>Tier 1 Vapor Encroachment Screen</u>
Tier 1 screening is an investigation of known or suspected contaminated properties within a given radius, government records, investigation, historical research, etc. The research radius varies based on the COC at the contaminated site due to chemicals having different migration properties. For sites with petroleum hydrocarbon COC, the search distance is 528 feet (1/10 mile). For contaminated sites with non-petroleum hydrocarbon (other volatile compounds) COC, the search radius is 1,760 feet (1/3 mile) from the contaminated site to the boundary of the subject property.

A total of eight sites were identified in the Radius Map Report and historical research within the "Area of Concern" that were considered to pose a potential VEC at the subject property based on the Tier 1 Evaluation. Tier 1 sites are:

- **3505 Pasadena Avenue** (Map ID B41-47) – this site was identified under the operator name Former Welch's Uniform Services and is located adjacent to and north of the subject property. The site is listed in the following databases from the report: UST (2), RCRA-LQG, ENVIROSTOR, LUST, CPS-SLIC (2), VCP, SWEEPS UST, HIST UST, CA FID UST, FINDS, ECHO, EMI, HIST CORTESE, CERS, DRYCLEANERS, HAZMAT, and EDR Hist Cleaner. The site was previously described in the RCRA generators sub-section above. Based on regulatory oversight and on-going SVE remediation with semi-annual groundwater monitoring, and the most recent (2016) analytical data available, this site does not represent a VEC to the subject property.

- **3500 Pasadena Avenue** (Map ID F61, 62) – this site was identified under the operator names Smith W P and Chuy Carburetors, and is located approximately 250 feet northeast of the subject property. The site is listed in the EDR Hist Cleaner and HAZMAT databases. The EDR Hist Cleaner

database is dated 1924, and the HAZMAT listing is currently active. There are no reported spills, releases, or violations associated with the site. Based on the available information, this site does not represent a VEC to the subject property.

- **3225 Lacy Street** (Map ID H67-73) – this site was identified under the operator names Heath & Co, and Maintenance and Operations New Maintenance Company for the Los Angeles Unified School District. The site is located approximately 350 feet southwest of the subject property, and is listed in the following databases from the report: HIST UST, UST, SWEEPS UST, CA FID UST, RCRA-LQG, HAZMAT, LUST, FINDS, ECHO, HIST CORTESE, and CERS.

  The RCRA-LQG, HAZMAT, FINDS, ECHO, HIST CORTESE, and CERS listings indicate the facility is a large-quantity generator of the following hazardous wastes: ignitable waste, corrosive waste, lead, and mercury. There are no reported violations associated with the property. Based on separation distance and site closure status, this site does not represent a VEC to the subject property.

- **3209 East Humboldt Street (**Map ID I74-78) – this property is located approximately 600 feet south of the subject property, and was identified under the operator ITT Cannon / Kennington. The site is listed in the following databases from the report: HAZMAT, UST, RCRA-SQG, FINDS, SEMS, ENVIROSTOR, VCP, SWEEPS UST, CA FID UST, DEED, HIST CORTESE, CPS-SLIC, LA Co. Mitigation, and CERS.

  The SEMS, ENVIROSTOR, VCP, HIST CORTESE, FINDS, CPS-SLIC, and LA Co. Mitigation listings indicate that the property is a Superfund site with environmental investigations dating back to 1990, due to battery and electronics manufacturing on the property, including lead, PCBs, tetrachloroethene (PCE), and trichloroethene (TCE). The site was enrolled in the Voluntary Cleanup Program (VCP) in 1993, and remedial activities to date have included the excavation of soil approximately 46 feet below ground surface with off-site disposal of 18,000 cubic yards of contaminated soil. The site is still being actively monitored by the DTSC Site Cleanup Program. The DEED listing refers to land-use restrictions imposed on the site as part of the VCP agreement.

  The RCRA-SQG and HAZMAT listings indicate the property is a small quantity generator of hazardous waste, including polychlorinated biphenyls (PCBs) and lead (1998-2006). Based on separation distance and regulatory oversight of cleanup activities with active groundwater monitoring, this site does not represent a VEC to the subject property.

- **3580 Pasadena Avenue** (Map ID J94-97) – this site was identified under the operator name Flavor Food Inc. and is located approximately 700 feet northeast of the subject property. The site is listed in the following databases from the report: SWEEPS UST, CA FID UST, LUST, HIST UST, HIST CORTESE, CERS, and UST.

  The UST listings refer to three 9,000-gallon gasoline USTs installed in and removed in 1986. The LUST listing refers to a gasoline release reported in October1986 during tank removal with

regulatory closure status in November 1986. There are no reported violations associated with the property. Based on separation distance and site closure status, this site does not represent a VEC to the subject property.

- **3101 Artesian Street** (Map ID N98-104) – this site was identified under the operator names Lincoln Heights District and P D D Construction MTNC. The site is located approximately 730 feet southwest of the subject property, and is listed in the following databases from the report: SWEEPS UST, CA FID UST, UST (2), LUST (2), RCRA-SQG, FINDS, ECHO, HAZMAT, CERS HAZ WASTE, HIST UST (2), CERS TANKS, HIST CORTESE, and CERS.

  The UST listings refer to four active 5,000-gallon diesel fuel USTs on the property. The LUST listings refer to petroleum releases reported in 1991 with regulatory closure status in 1997.

  The CERS HAZWASTE and ECHO listings refer to the following violations: violations reported in 2016 due to failure to comply with one or more of the following, failure to property label hazardous waste accumulation containers, and a violation for failure to maintain uniform hazardous waste manifests for three years; : failure to install a spill bucket, have a functional drain valve or other method for the removal of liquid from the spill bucket/spill container, and/or be resistant to galvanic corrosion; violations reported in 2018 due to failure to submit a complete and accurate application for a permit to operate a UST, or for renewal of the permit, and a violation for failure to submit or maintain a current facility plot plan; a violation reported in 2017 due to the failure to maintain records of repairs, lining, and upgrades on site; and a violation in 2013 for failure to obtain and/or maintain an active hazardous waste generator permit. Refer to the database report for more information.

  The RCRA-SQG, FINDS, HAZMAT, and CERS listings indicate the facility is a small-quantity generator of hazardous waste (1996). Based on separation distance from the subject property, this site does not represent a VEC to the subject property.

- **301 West Avenue 26** (Map ID S127-128) – this property is located approximately 1,700 feet southwest of the subject property and was identified under the operator names Jaybee and Ajax Manufacturing. The site is listed in the ENVIROSTOR, VCP, EMI, and SEMS databases. The listings indicate the property was discovered as contaminated in 1994, with a discovery date of 2000. The site was listed as a Superfund site in 2002. The contaminants of concern include lead, PAHs, PCE, diesel fuel, TCE, and other volatile organic compounds associated with former manufacturing operations at the site, and the site is currently active in the VCP. Based on separation distance and regulatory oversight of cleanup activities with active groundwater monitoring, this site does not represent a VEC to the subject property.

- **400 West Avenue 26** (Map ID T129, 130, 133) – this site was identified under the operator name Lacy's Street Dump and is located approximately 1,700 feet southwest of the subject property. The site is listed in the WMUDS/SWAT, LDS, CERS (2), and SWF/LF (2) databases. The listings indicate that the property operated as a landfill in 1975 and is listed as currently closed. The site

achieved regulatory closure status with DTSC in 2016. Based on separation distance and regulatory closure status, this site does not represent a VEC to the subject property.

In our opinion, none of the other sites listed pose a significant threat to the subject property as there is no indication of a release at the respective sites, a release has occurred but the medium affected was the soil only and the site is beyond the critical distance of 100 feet, or the site location and/or plume of contamination is in excess of the critical distance of 100 feet from the subject property. Thus, a VEC can be ruled out because a VEC does not or is not likely to exist at the subject property.

6.4 Agency Records

The following state and local agencies were contacted in reference to the subject property:

- Los Angeles County Fire Department (LACoFD)
- Los Angeles County Department of Public Works (LADPW)
- Department of Toxic Substances Control/ Envirostor (DTSC)
- State Water Resources Control Board (SWRCB)
- South Coast Air Quality Management District (SCAQMD)
- California Department of Conservation – Department of Oil and Geothermal Gas (CA-DOGG)

No records were found for the subject property from the above agencies.

· 7.0 CONCLUSIONS & RECOMMENDATIONS ·

FR has conducted a Phase I Environmental Site Assessment in accordance with the American Society for Testing and Materials (**ASTM**) Standard Practice E1527-13 and Environmental Protection Agency Standards and Practices for All Appropriate Inquiries (40 CFR Part 312) for the subject property addressed at **135, 141 & 153 West Avenue 34, and 3401 & 3433 Pasadena Avenue, Los Angeles, Los Angeles County, California 90031**. This assessment has revealed no evidence of Recognized Environmental Conditions (RECs) during the course of this assessment with the property except for those previously identified in the *Findings* section.

FR recommends no further investigations for the subject property at this time.

· 8.0 REFERENCES ·

- United States Geological Survey's 7.5-minute topographic quadrangle map of Los Angeles, California.
- California Online Geotracker Database Website (geotracker.swrcb.ca.gov)
- City of Los Angeles Building and Safety Department
- USEPA's Map of Radon Zones produced by the USEPA.
- Aerial photographs provided by Environmental Data Resources, Inc.
- City Directories provided by Environmental Data Resources, Inc.
- Fire insurance maps, provided by Environmental Data Resources, Inc.
- The EDR Radius Map with GeoCheck, produced by Environmental Data Resources, Inc.
- SCAQMD FINDS Compliance database (www.aqmd.gov)
- Department of Toxic Substances Control EnviroStor Database (www.envirostor.dtsc.ca.gov)

PREVIOUS REPORT REFERENCES

- *Phase I Environmental Site Assessment – 135, 141 and 153 West Avenue 34 and 3401 and 3433 Pasadena Avenur, Los Angeles, California 90031, prepared by Orswell & Kasman, Inc, September 28, 2012.*
- *Phase I Environmental Site Assessment – 135, 141 and 153 West Avenue 34 and 3401 and 3433 Pasadena Avenue, Los Angeles, California 90031, prepared by Orswell & Kasman, Inc, September 28, 2012.*

· 9.0 ACRONYMS ·

ACM – asbestos-containing material
AST – aboveground storage tank
ASTM – American Society for Testing and Materials
AUL – Activity and Use Limitations
bgs – below ground surface
CERCLA – Comprehensive Environmental Response, Compensation and Liability Act of 1980 (as amended, 42 USC § 9601 et seq.)
CERCLIS – Comprehensive Environmental Response, Compensation and Liability Information System (maintained by EPA)
CFR – Code of Federal Regulations
CORRACTS – Facilities subject to Corrective Action under RCRA
EA – Environmental assessment
ECRA – Environmental Cleanup Responsibility Act
EDR – Environmental Data Resources, Inc.
EPA – United States Environmental Protection Agency
EPCRA – Emergency Planning and Community Right to Know Act ((also known as SARA Title III), 42 USC § 11001 et seq.)
ERNS – Emergency Response Notification System
ESA – Environmental Site Assessment (different than an *environmental compliance audit*, 3.2.27)
FOIA – U.S. Freedom of Information Act (5 U.S.C. §552 as amended by Public Law No. 104-231, 110 Stat.)
FR – Federal Register
HREC – Historical recognized environmental condition
ICs – Institutional Controls
ISRA – Industrial Site Recovery Act
LBP – Lead-based paint
LLP – Landowner Liability Protections under the *Brownfields Amendments*
LRST – Leaking registered storage tank
LUST – Leaking underground storage tank
MSDS – Material safety data sheet
NCP – National Contingency Plan
NFRAP – former CERCLIS sites where no further remedial action is planned under CERCLA
NPDES – National Pollutant Discharge Elimination System
NPL – National Priorities List
NVLAP – National Voluntary Laboratory Accreditation Program
OSHA – Occupational Safety and Health Administration
PACM – Presumed asbestos-containing material
PCBs – Polychlorinated biphenyls
PLM – Polarized light microscopy
PRP – Potentially responsible party (pursuant to CERCLA 42 USC § 9607(a))
RCRA – Resource Conservation and Recovery Act (as amended, 42 USC § 6901 et seq.)
RCRIS – Resource Conservation and Recovery Act Information System
REC – Recognized environmental condition
ROC – Record of communication
RST – Registered storage tank
SACM – Suspect asbestos-containing material
SARA – Superfund Amendments and Reauthorization Act of 1986 (amendment to CERCLA)
SIC – Standard Industrial Classification
TEM – Transmission electron microscopy
TSDF – Hazardous waste treatment, storage or disposal facility
USC – United States Code
USEPA –United States Environmental Protection Agency
USGS – United States Geological Survey
UST – Underground storage tank

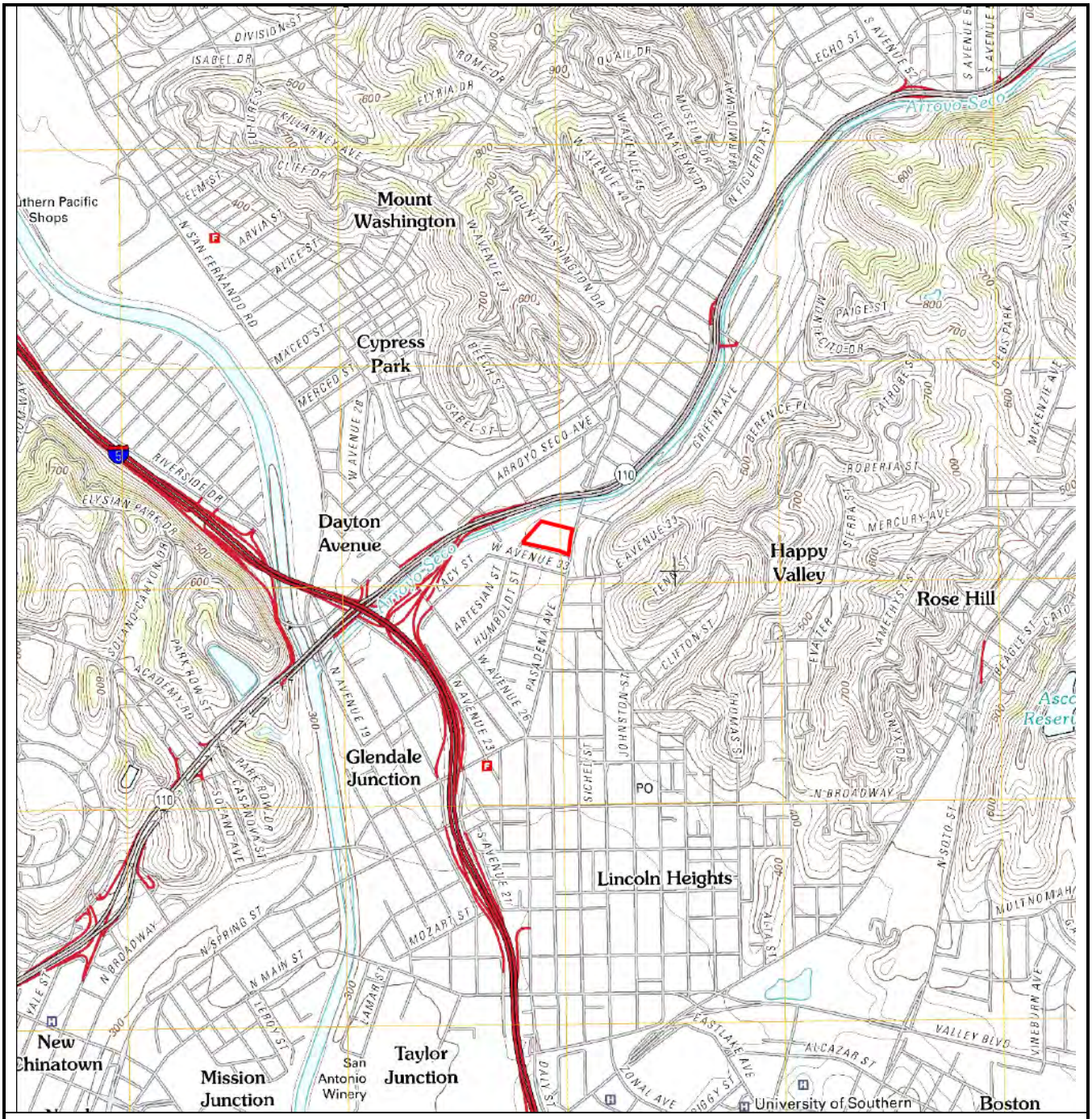


Figure 1: Site Location Map

(USGS 7.5-minute series Los Angeles, California 2012)

Project Number: 201906-5738	**Property Address:** 135, 141 &153 West Avenue 34; and 3401 & 3433 Pasadena Avenue Los Angeles, California 90031
Fulcrum Resources Environmental	

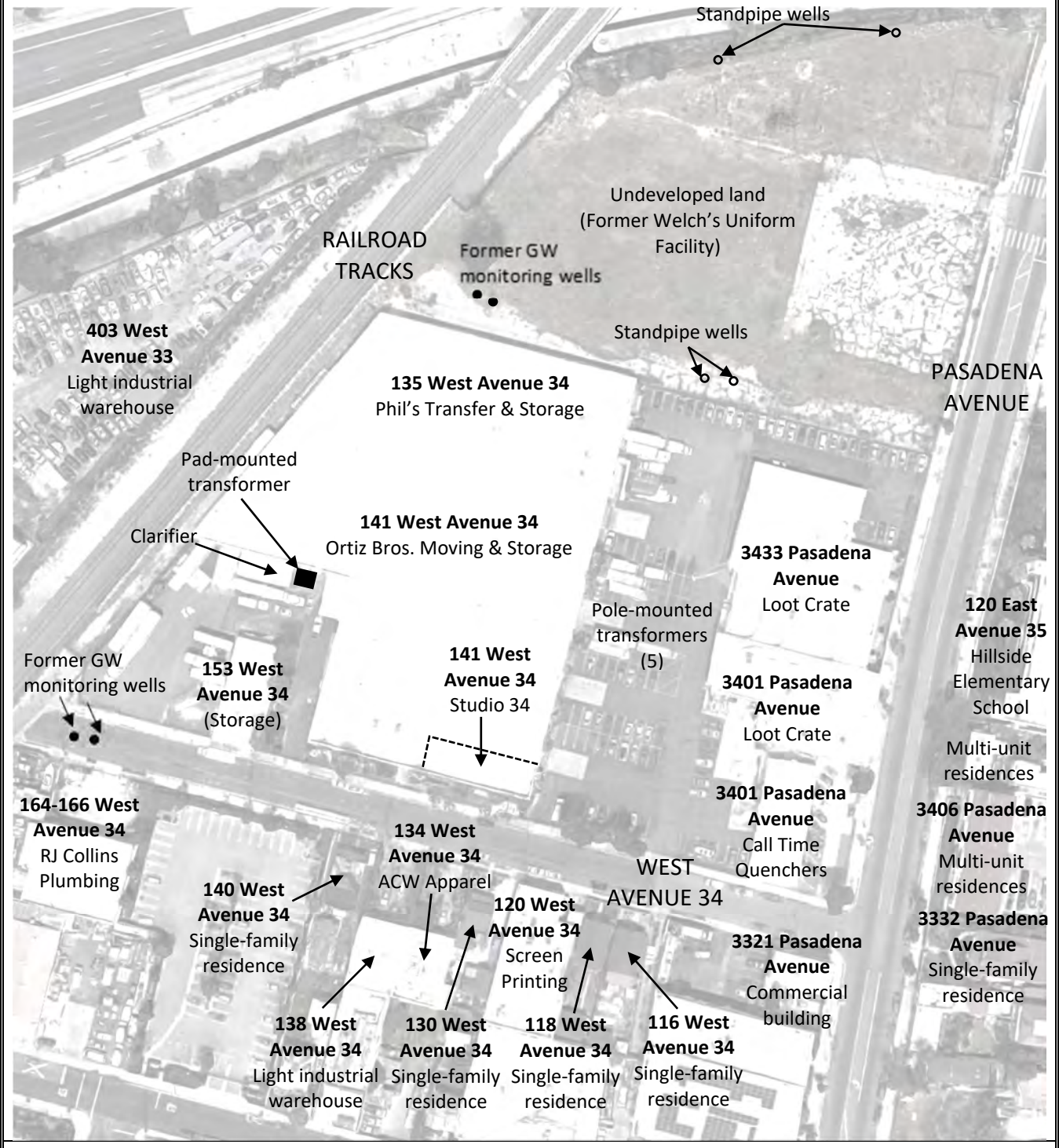


Figure 2: Subject Property Layout

Project Number: 201906-5738	**Property Address:** 135, 141 & 153 West Avenue 34 and 3401 & 3433 Pasadena Avenue, Los Angeles, CA 90031
Fulcrum Resources Environmental	

Figure 3: Subject Property Vicinity

Project Number: 201906-5738	**Property Address:** 135, 141 &153 West Avenue 34; and 3401 & 3433 Pasadena Avenue Los Angeles, California 90031	
Fulcrum Resources Environmental		

FIGURE 3 MAP LEGEND

Map ID (EDR)	Name	Address	Distance / Direction
A1	WILLIAM PILE ENTERPRISES	153 W AVE 34	TARGET PROPERTY
A2,4, 6, 15, 24, 26, 29, 32, 36	TOUCHSTONE PICTURES / AMERICAN CASTER CORP / TOMCATS / FIVE CONTINENT IMPORT / LIE TO ME / ABC SIGNATURE STUDIO / BATTLE OF THE SEXES / DREAMWORKS PRODUCTIONS	141 W AVE 34	TARGET PROPERTY
A3, 14, 21, 30	20TH CENTURY FOX / E D 1125 INC / ELASTIC COATINGS ORG / BOB BAKER PRODUCTION	3401 PASADENA AVE	TARGET PROPERTY
A5, 7, 10, 11, 13, 18, 19, 22,23, 25, 27, 28, 31, 35	JARDINERO PRODUCTION / BIRDDOG / WARNER BROS . ALL ABOUT STEVE MOVIE / SOUL PRODUCTIONS LLC / ORTIZ BROTHERS MOVING / STEP UP 3D / ORTIZ BROS MOVING / LOVE & BASKETBALL / NURSE BETTY PRODUCTIONS / 20TH CENTURY FOX / OLIVERS ARROW MOVIE	135 W AVE 34	TARGET PROPERTY
A8,9, 12, 16, 17, 20, 33, 34, 37	GONE GIRL / MONEYBALL / INFORMANT PRODUCTION / WARNER BROS HANGOVER / HOTEL FOR DOGS	3433 PASADENA AVE	TARGET PROPERTY
38	AMERICAN CASTER CORP	157 W AVE 34	HISTORIC TARGET PROPERTY
39		3445 PASADENA AVE	ADJACENT NORTH
40		3360 PASADENA AVE	ADJACENT EAST
B41-47	FORMER WELCHS UNIFORM UNIFORM SERVICES	3505 N PASADENA AVE	ADJACENT NORTH
C48-52	CALIFORNIA DEPARTMENT OF FOOD & AGRICULTURE	403 W AVE 33	ADJACENT WEST
F65-66	LAUSD - HILLSIDE ELEMENTARY	120 E AVENUE 35	ADJACENT EAST
D53-54	RUSSING ENGINEERING	211 W AVE 33	~165 ft south
D55-56	ADIN OF CALIFORNIA	119 W AVE 33	~165 ft south
E57	JS AUTOBODY	315 W AVE 33	~165 ft south
E58-60	G&G AIR CONDITIONING	311 W AVE 33	~165 ft south
F61-62	SMITH W P / CHUY CARBURATORS	3500 PASADENA AVE	~250 ft northeast
G63-64	LA DWP - DISTRIBUTION / DISTRIBUTING STATION	3436 N MARMION WAY	~385 ft north
H67-73	HEATH AND COMPANY / MAINTENANCE AND OPERATIONS	3225 LACY ST	~350 ft southwest
I74-78	ITT CANNON / KENNINGTON	3209 E HUMBOLDT ST	~600 ft south
79		3300 GRIFFIN AVE	~625 ft southeast
I80-81	SELF-REALIZATION FELLOWSHIP CHURCH	3208 HUMBOLDT STREET	~525 ft south
J82		3511 CARLOTA BLVD	~700 ft northeast
K83-86	LOS ANGELES USD LORETO ELEM SCHOOL	3408 ARROYO SECO AVE	~415 ft northwest
L87	SIMPLEX GRINNELL	2684 E LACY ST	~725 ft southwest
J88	MR DUNG THAI	3543 PASADENA AVE	~815 ft north
J89-90	JSL FOODS INC	3550 PASADENA AVE	~700 ft northeast
J91		3545-55 PASADENA AVE	~830 ft north
M92	LINE 765 RECEIVER	CYPRESS AVE & ARROYO	~835 ft west
M93	JORDAN NUCLEAR CO	3244 N ARROYO SECO	~835 ft west
J94-97	FLAVOR FOOD INC	3580 PASADENA AVE	~700 ft northeast
N98-N104	LINCOLN HEIGHTS DIST / P D D CONSTRUCTION M	3101 ARTESIAN ST	~730 ft southwest
L105	LA LACY STREET TRANS	2661 LACY ST	~1565 ft southwest
N119	NI WEST INCORPORATED	3011 HUMBOLDT STREET	~1125 ft south
S127	JAYBEE / AJAX MFG COR	301 WEST AVE 26	~1700 ft southwest
T129-130, W133	LACY STREET / LA CIT	400 W AVE 26	~1700 ft southwest
W134	PROPOSED AMCAL MULTI	306-360 W AVE 26	~1800 ft southwest
136, 145	BARON MANUFACTURING	241 AVENUE 26	~1800 ft southwest
W137	THE E B MALONE CORP	306-360 AVENUE 26	~1775 ft southwest

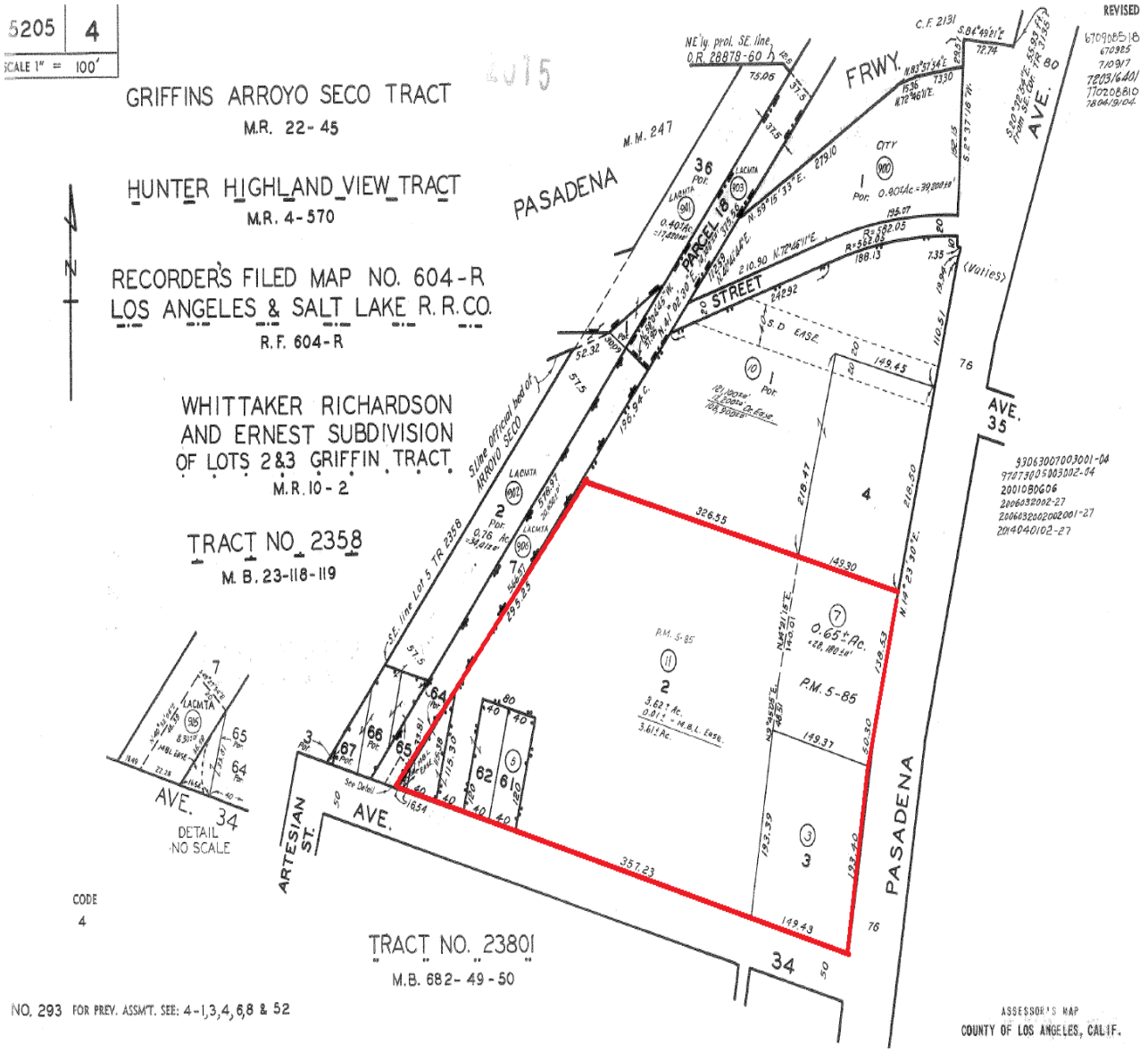


Figure 4: Parcel Map

Project Number: 201906-5738	**Property Address:** 135, 141 &153 West Avenue 34; and 3401 & 3433 Pasadena Avenue Los Angeles, California 90031
Fulcrum Resources Environmental	

Appendix A

Photographs

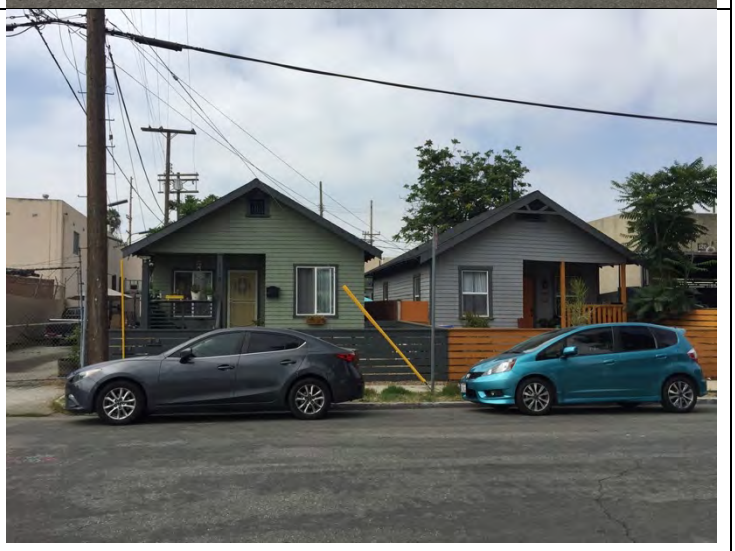
Photo 1. View of subject property parking lot and pole-mounted transformers and powerlines; northeast-facing view	
Photo 2. View of south adjacent property	
Photo 3. View of additional south adjacent properties; 116-118 West Avenue 34; single-family residences	

Photo 4. View of additional south adjacent property; 120 West Avenue 34	
Photo 5. View of additional south adjacent property; 138 West Avenue 34; light industrial warehouse	
Photo 6. View of additional south adjacent property; 140 West Avenue 34; single-family residence	

Photo 7. View of additional south adjacent property; 166-168 West Avenue 34; light industrial warehouses	
Photo 8. Railroad tracks located to the west of subject property	
Photo 9. View of location of former groundwater monitoring wells in West Avenue 34 public throughway	

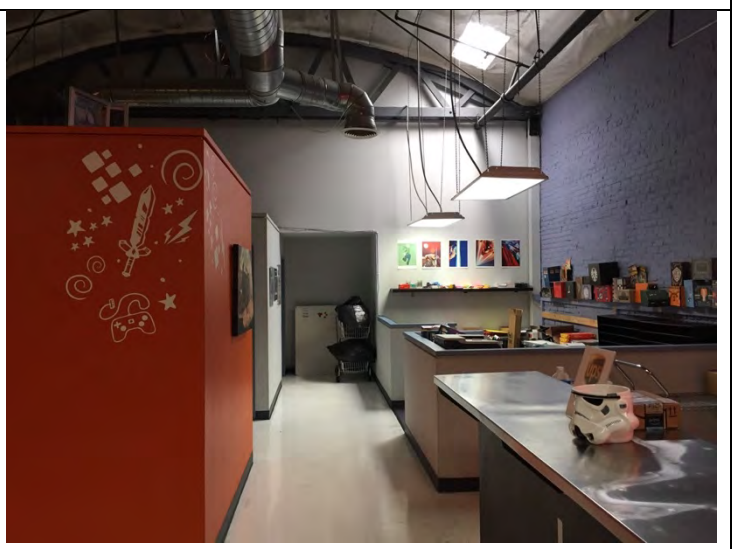
Photo 10. View of east adjacent properties across Pasadena Avenue	
Photo 11. View of entrance of 3401 Pasadena Avenue and additional parking area; north-facing view	
Photo 12. Interior view of 3401 Pasadena Avenue occupied by Loot Crate	

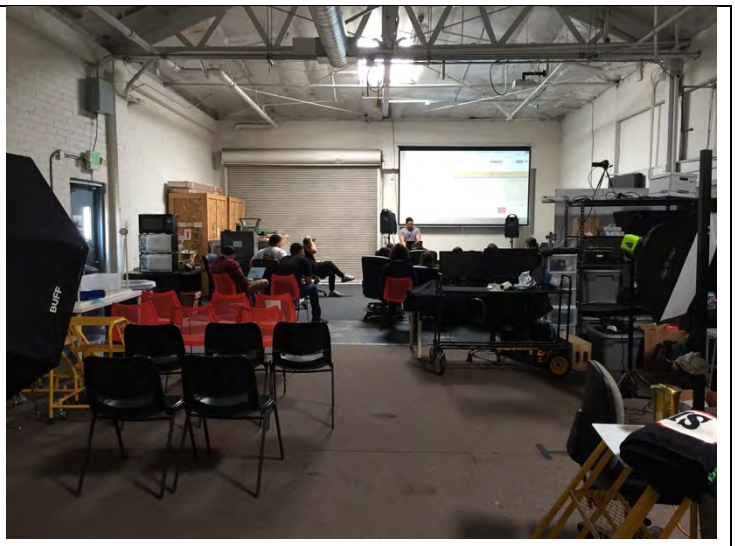
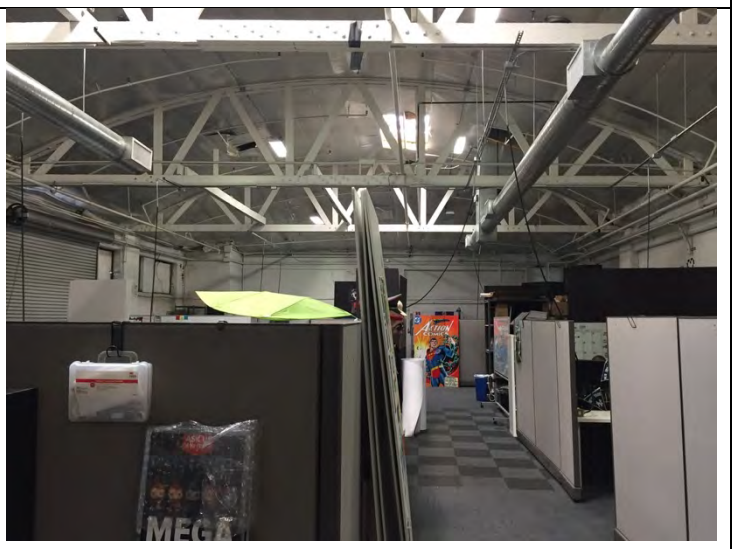
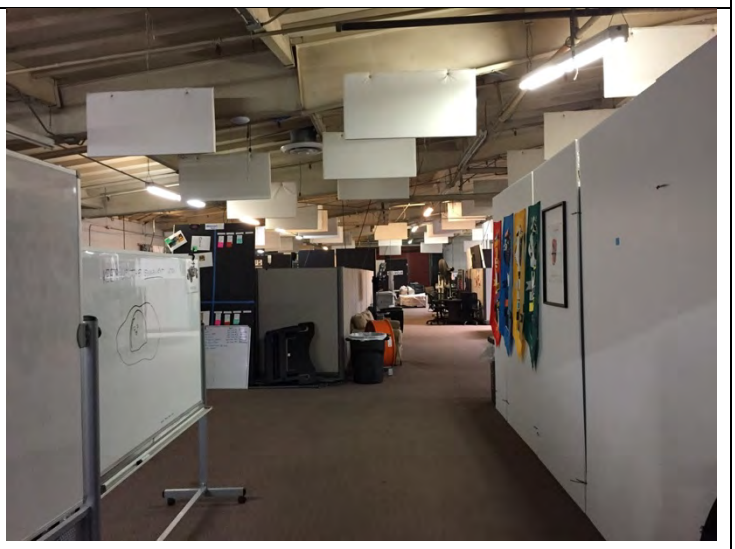
Photo 13. View of conference room in 3401 Pasadena Avenue; steel truss ceiling with exposed insulation; carpeted floor; concrete block walls	
Photo 14. Additional interior view of 3401 Pasadena Avenue	
Photo 15. Interior view of 3433 Pasadena Avenue; steel ceiling; hanging acoustic tiles; office space	

Photo 16. Additional interior view of 3433 Pasadena Avenue	
Photo 17. View of canopied parking area and northern boundary of subject property; west-facing view	
Photo 18. View of front of 135 West Avenue 34; Phil's Transfer & Storage	

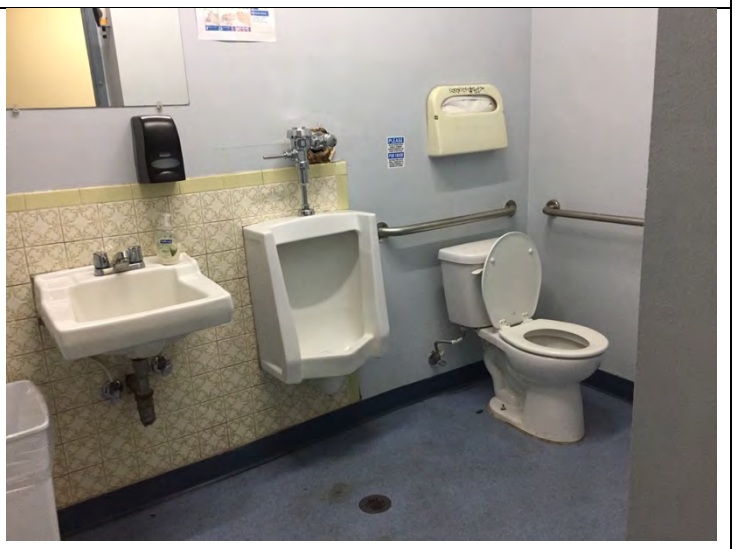
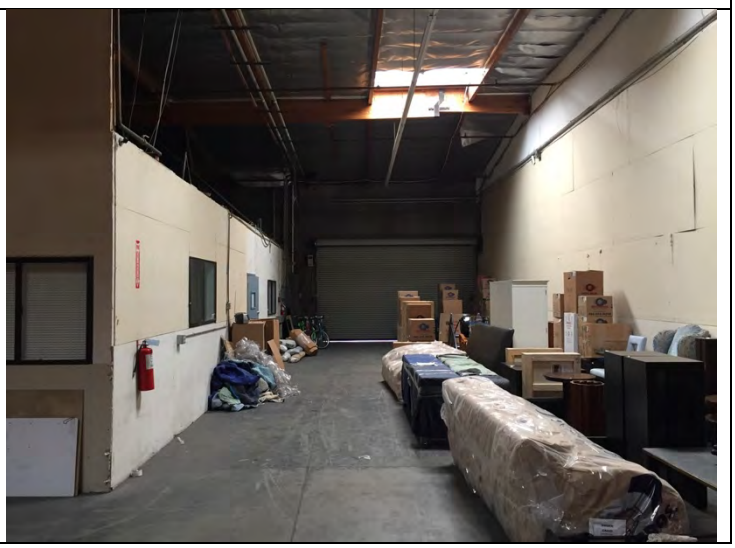
Photo 19. Interior view of 135 West Avenue 34; office space; ceiling tile in metal grid; linoleum tile flooring; drywall interior walls	
Photo 20. View of bathroom in 135 West Avenue 34	
Photo 21. 135 West Avenue 34 warehouse space and roll-up door	

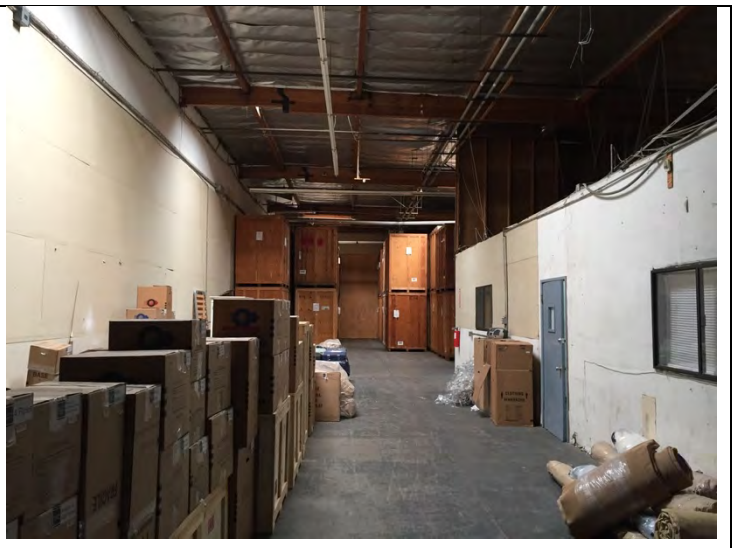
Photo 22. Additional view of 135 West Avenue 34 warehouse space; wooden crates for storage	
Photo 23. Warehouse space of 141 West Avenue 34; Ortiz Bros. Moving & Storage; stacked storage crates	
Photo 24. View of file storage shelves and storage crates in warehouse of 141 West Avenue 34	

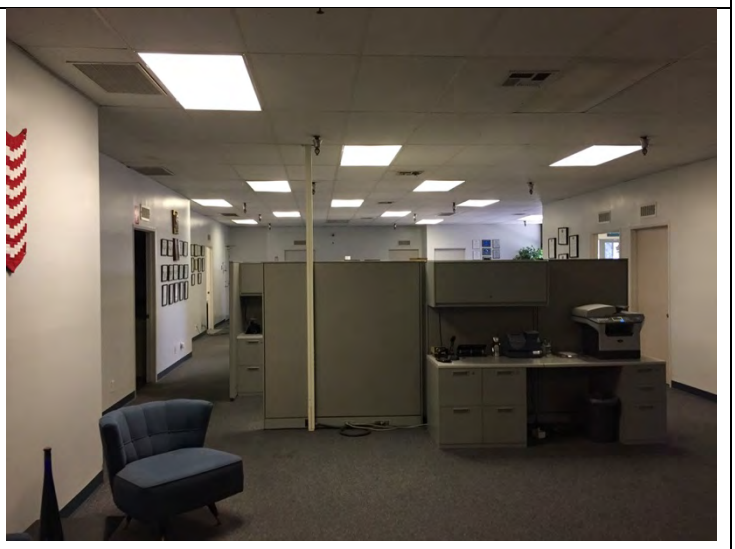
Photo 25. Additional view of file storage shelves and storage crates in warehouse of 141 West Avenue 34	
Photo 26. Office space in southern portion of 141 West Avenue 34; ceiling tile in metal grid; carpeted floor	
Photo 27. Caged pad-mounted transformer located in southwest portion of subject property	

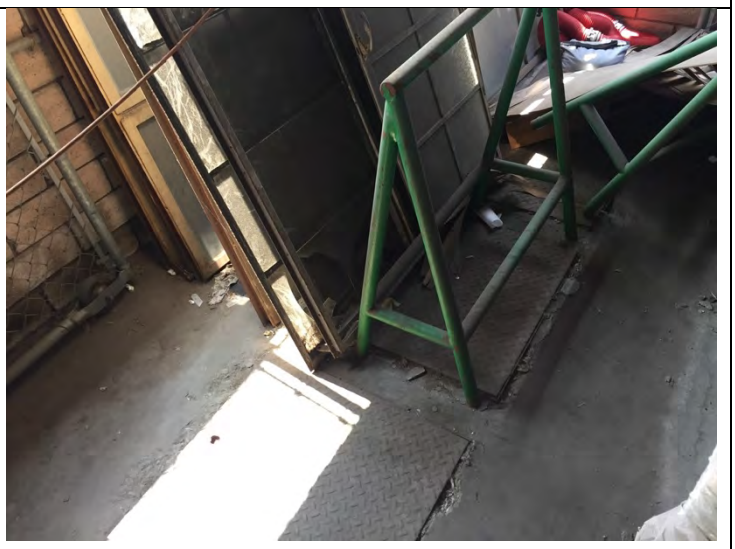
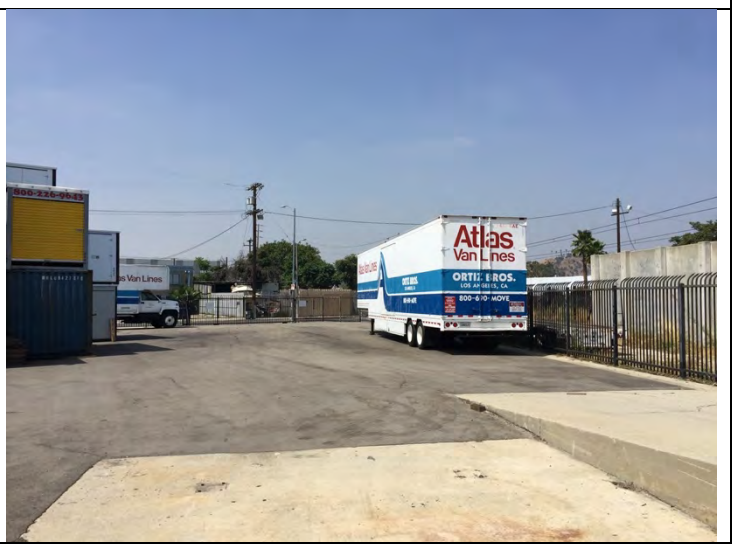
Photo 28. Canopied storage area near transformer in southwestern portion of subject property	
Photo 29. Three-stage clarifier in rear of canopied area	
Photo 30. Open storage space in southwestern portion of subject property	

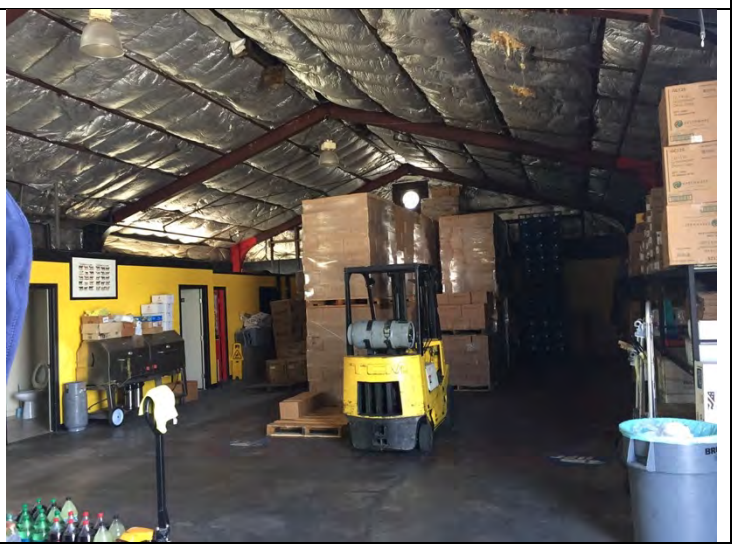
Photo 31. Interior view of 153 West Avenue 34; brick and corrugated steel warehouse used for storage; wood truss domed ceiling	
Photo 32. View of southern boundary of subject property; west-facing view	
Photo 33. Interior view of 3401 Pasadena Avenue warehouse occupied by Call time Quenchers; shipping and storage of water and beverages; concrete-slab floor; pitched roof	

Photo 34.View of concrete slab floor of 3401 Pasadena Avenue with floor drain underneath wooden pallet	
Photo 35. View of driveway/asphalt paved area between 153 West Avenue 34 and 141 West Avenue 34	
Photo 36. Standpipe wells observed on north adjoining property	

Appendix B

Historic Record Search

135 141 153 West Avenue 34; 3401 3433 Pasadena Ave

135 141 153 West Avenue 34; 3401 3433 Pasadena Ave

Los Angeles, CA 90031

Inquiry Number: 5694144.8

June 24, 2019

The EDR Aerial Photo Decade Package

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

06/24/19

Site Name:

135 141 153 West Avenue 34;
135 141 153 West Avenue 34;
Los Angeles, CA 90031
EDR Inquiry # 5694144.8

Client Name:

Fulcrum Resources Environmental
517 S. Ivy Avenue
MONROVIA, CA 91016
Contact: Rose Mireles

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

Year	Scale	Details	Source
2016	1"=500'	Flight Year: 2016	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2005	1"=500'	Flight Year: 2005	USDA/NAIP
2002	1"=500'	Flight Date: June 10, 2002	USDA
1994	1"=500'	Acquisition Date: May 31, 1994	USGS/DOQQ
1989	1"=500'	Flight Date: August 22, 1989	USDA
1983	1"=500'	Flight Date: November 19, 1983	EDR Proprietary Brewster Pacific
1977	1"=500'	Flight Date: April 25, 1977	EDR Proprietary Brewster Pacific
1970	1"=500'	Flight Date: February 08, 1970	EDR Proprietary Brewster Pacific
1964	1"=500'	Flight Date: July 28, 1964	USGS
1952	1"=500'	Flight Date: August 02, 1952	USGS
1948	1"=500'	Flight Date: July 10, 1948	USGS
1938	1"=500'	Flight Date: May 06, 1938	USDA
1928	1"=500'	Flight Date: January 01, 1928	FAIR
1923	1"=500'	Flight Date: January 01, 1923	FAIR

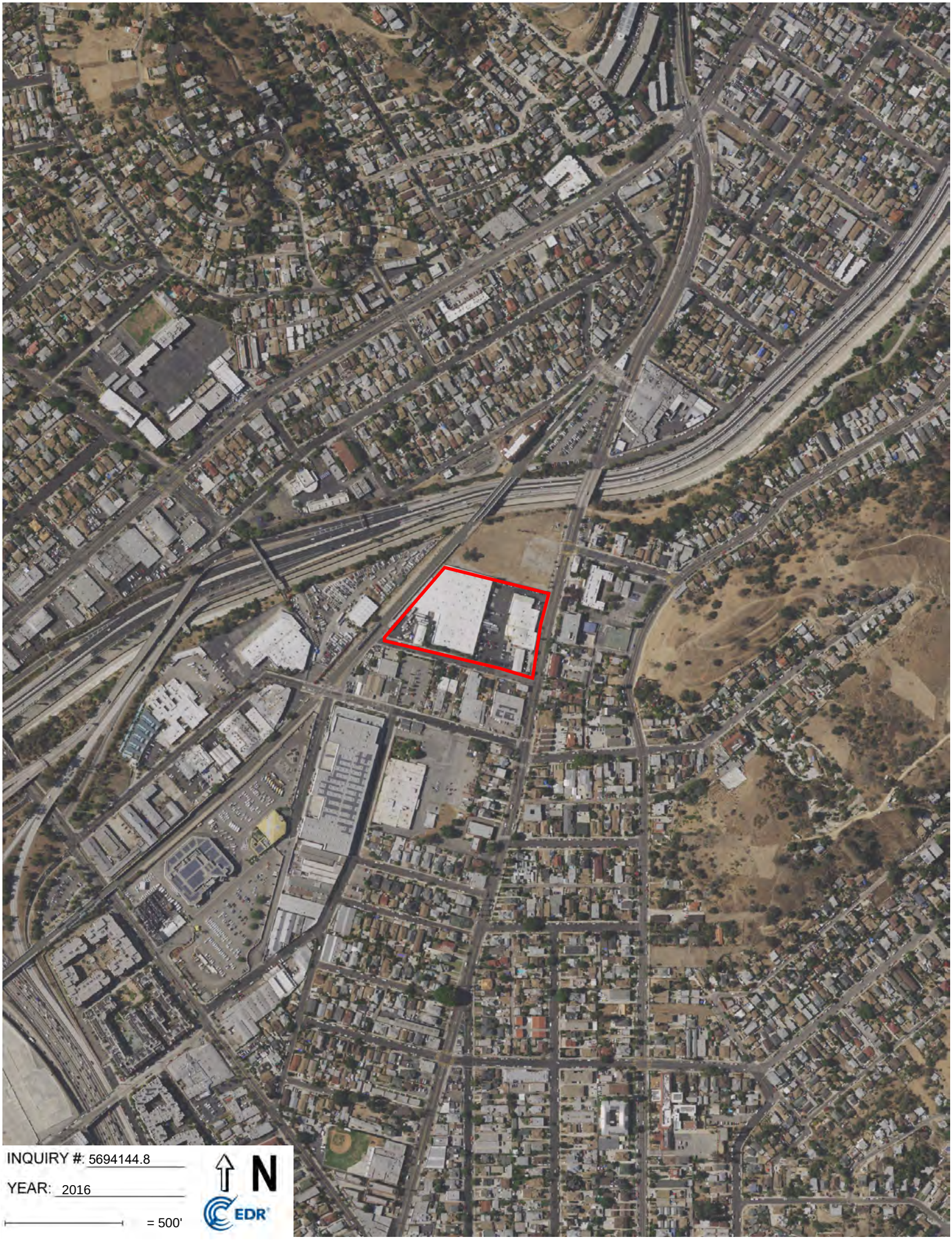
When delivered electronically by EDR, the aerial photo images included with this report are for ONE TIME USE ONLY. Further reproduction of these aerial photo images is prohibited without permission from EDR. For more information contact your EDR Account Executive.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2019 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.


INQUIRY #: 5694144.8
YEAR: 2016
= 500'
N
EDR

INQUIRY #: 5694144.8
YEAR: 2012
= 500'
N
EDR

INQUIRY #: 5694144.8
YEAR: 2009
= 500'
N
EDR

INQUIRY #: 5694144.8
YEAR: 2005
= 500'
N
EDR

INQUIRY #: 5694144.8
YEAR: 2002
= 500'
N
EDR

INQUIRY #: 5694144.8
YEAR: 1994
= 500'
N
EDR

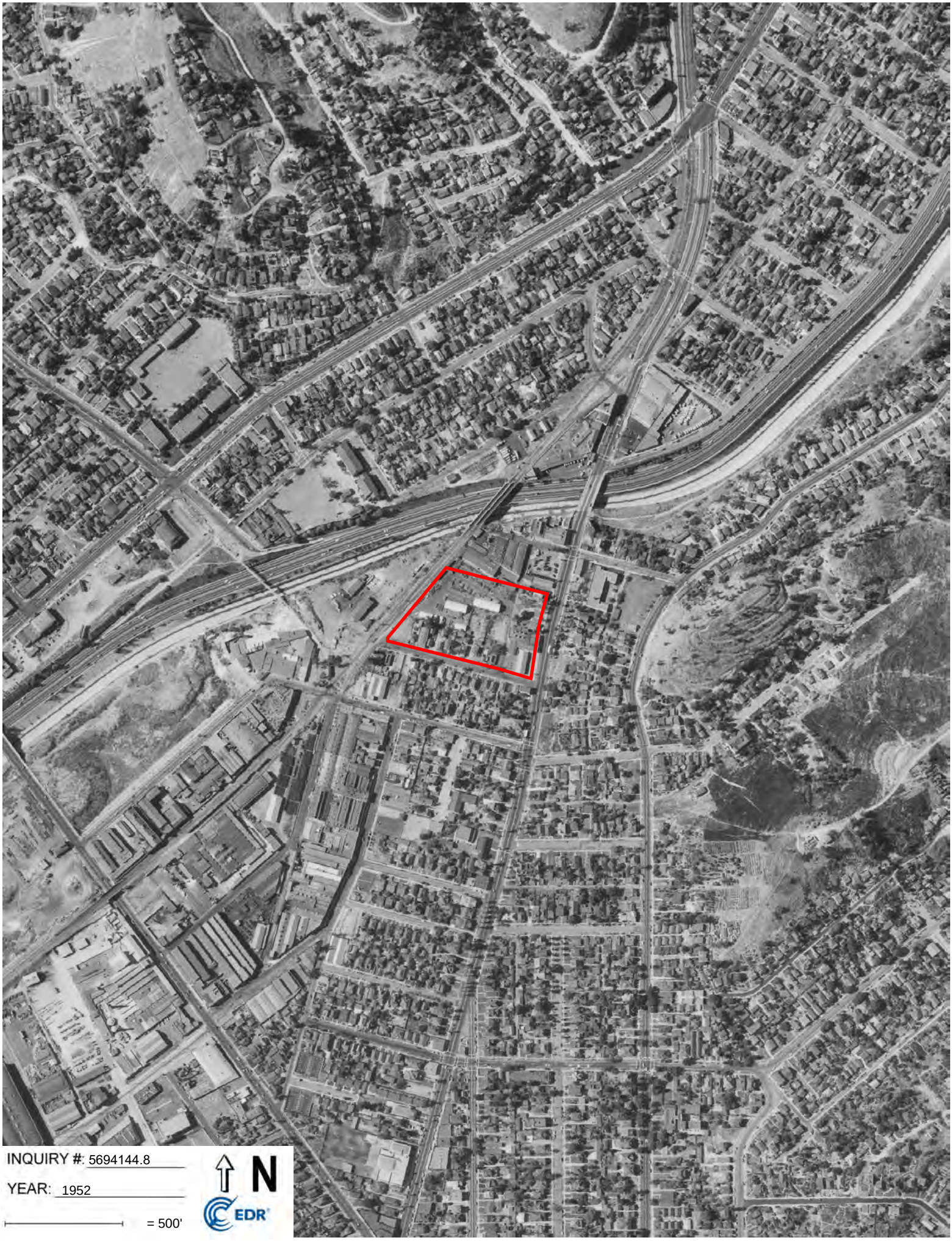
INQUIRY #: 5694144.8
YEAR: 1989
= 500'
N
EDR

INQUIRY #: 5694144.8
YEAR: 1983
= 500'
N
EDR

INQUIRY #: 5694144.8
YEAR: 1977
= 500'
N
EDR

INQUIRY #: 5694144.8
YEAR: 1970
= 500'
N
EDR

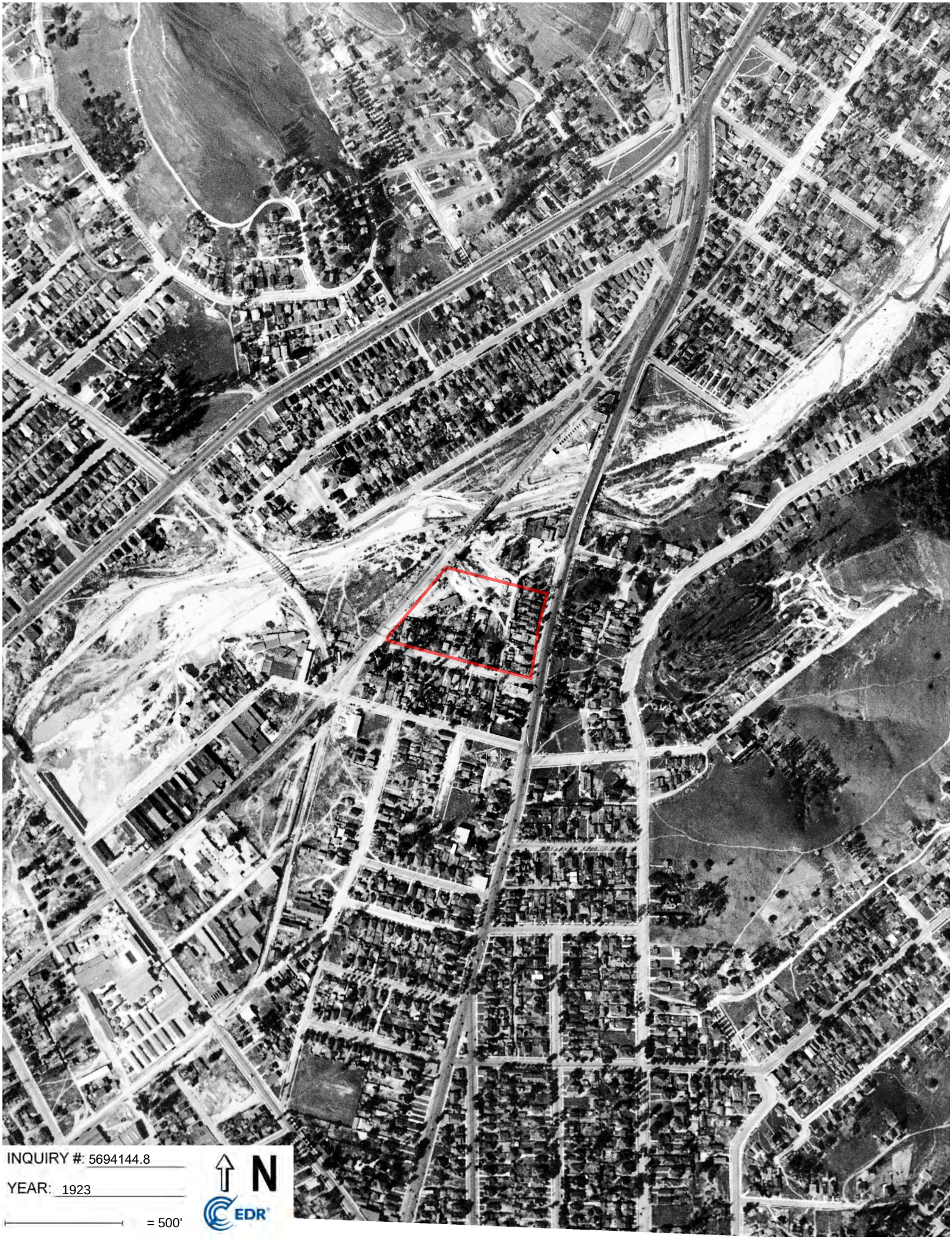
INQUIRY #: 5694144.8
YEAR: 1964
= 500'
N
EDR


INQUIRY #: 5694144.8
YEAR: 1952
= 500'
N
EDR

INQUIRY #: 5694144.8
YEAR: 1948
= 500'
N
EDR

INQUIRY #: 5694144.8
YEAR: 1938
= 500'
N
EDR

INQUIRY #: 5694144.8
YEAR: 1928
= 500'
N
EDR


INQUIRY #: 5694144.8
YEAR: 1923
= 500'
N
EDR

135 141 153 West Avenue 34; 3401 3433 Pasadena Ave
135 141 153 West Avenue 34; 3401 3433 Pasadena Ave
Los Angeles, CA 90031

Inquiry Number: 5694144.5
June 24, 2019

The EDR-City Directory Abstract

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OR DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction orforecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2017 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc. or its affiliates is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

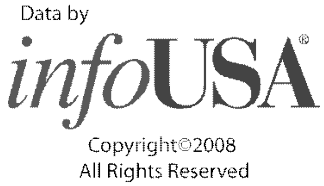
Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1920 through 2014. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 660 feet of the target property.

A summary of the information obtained is provided in the text of this report.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

EDR is licensed to reproduce certain City Directory works by the copyright holders of those works. The purchaser of this EDR City Directory Report may include it in report(s) delivered to a customer. Reproduction of City Directories without permission of the publisher or licensed vendor may be a violation of copyright.



RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

Year	Source	TP	Adjoining	Text Abstract	Source Image
2014	EDR Digital Archive	-	X	X	-
	EDR Digital Archive	X	X	X	-
2010	EDR Digital Archive	-	X	X	-
	EDR Digital Archive	X	X	X	-
2006	Haines Company, Inc.	-	X	X	-
	Haines Company, Inc.	X	X	X	-
2004	Haines Company	-	-	-	-
2003	Haines & Company	-	-	-	-
2001	Haines & Company, Inc.	-	-	-	-
2000	Haines & Company	-	X	X	-
	Haines & Company	X	X	X	-
1999	Haines Company	-	-	-	-

EXECUTIVE SUMMARY

Year	Source	TP	Adjoining	Text Abstract	Source Image
1996	GTE	-	-	-	-
1995	Pacific Bell	-	-	-	-
1992	PACIFIC BELL WHITE PAGES	-	-	-	-
1991	Pacific Bell	-	-	-	-
1990	Pacific Bell	-	X	X	-
	Pacific Bell	X	X	X	-
1986	Pacific Bell	-	X	X	-
	Pacific Bell	X	X	X	-
1985	Pacific Bell	-	X	X	-
1981	Pacific Telephone	-	X	X	-
	Pacific Telephone	X	X	X	-
1980	Pacific Telephone	-	X	X	-
1976	Pacific Telephone	-	X	X	-
1975	GTE	-	X	X	-
	Pacific Telephone	-	X	X	-
1972	R. L. Polk & Co.	-	-	-	-
1971	Pacific Telephone	-	X	X	-
	Pacific Telephone	X	X	X	-
1970	Pacific Telephone	-	X	X	-
1969	Pacific Telephone	-	-	-	-
1967	Pacific Telephone	-	X	X	-
1966	Pacific Telephone	-	X	X	-
1965	GTE	-	-	-	-
1964	Pacific Telephone	-	X	X	-
1963	Pacific Telephone	-	-	-	-
1962	Pacific Telephone	-	X	X	-
1961	R. L. Polk & Co.	-	-	-	-
1960	Pacific Telephone	-	X	X	-
1958	Pacific Telephone	-	X	X	-
1957	Pacific Telephone	-	X	X	-
	Pacific Telephone	X	X	X	-
1956	Pacific Telephone	-	-	-	-
1955	R. L. Polk & Co.	-	-	-	-
1954	R. L. Polk & Co.	-	-	-	-
1952	Los Angeles Directory Co.	-	-	-	-
1951	Pacific Telephone & Telegraph Co.	-	X	X	-
1950	Pacific Telephone	-	-	-	-
1949	Los Angeles Directory Co.	-	-	-	-
1948	Los Angeles Directory Co.	-	-	-	-
1947	Pacific Directory Co.	-	-	-	-
1946	Southern California Telephone Co	-	-	-	-
1945	The Glendale Directory Co.	-	-	-	-

EXECUTIVE SUMMARY

Year	Source	TP	Adjoining	Text Abstract	Source Image
1944	R. L. Polk & Co.	-	-	-	-
1942	Los Angeles Directory Co.	-	X	X	-
1940	Los Angeles Directory Co.	-	-	-	-
1939	Los Angeles Directory Co.	-	-	-	-
1938	Los Angeles Directory Company Publishers	-	-	-	-
1937	Los Angeles Directory Co.	-	X	X	-
1936	Los Angeles Directory Co.	-	-	-	-
1935	Los Angeles Directory Co.	-	-	-	-
1934	Los Angeles Directory Co.	-	-	-	-
1933	Los Angeles Directory Co.	-	X	X	-
1932	Los Angeles Directory Co.	-	-	-	-
1931	Los Angeles Directory Company Publishers	-	-	-	-
1930	Los Angeles Directory Co.	-	-	-	-
1929	Los Angeles Directory Co.	-	X	X	-
	Los Angeles Directory Co.	X	X	X	-
1928	Los Angeles Directory Co.	-	-	-	-
1927	Los Angeles Directory Co.	-	-	-	-
1926	Los Angeles Directory Co.	-	-	-	-
1925	Los Angeles Directory Co.	-	-	-	-
1924	Los Angeles Directory Co.	-	X	X	-
	Los Angeles Directory Co.	X	X	X	-
1923	Los Angeles Directory Co.	-	-	-	-
1921	Los Angeles Directory Co.	-	-	-	-
1920	Los Angeles Directory Co.	-	-	-	-

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

135 141 153 West Avenue 34; 3401 3433 Pasadena Ave
Los Angeles, CA 90031

FINDINGS DETAIL

Target Property research detail.

AVENUE 34 W

135 AVENUE 34 W

Year	Uses	Source
2000	ORTIZ TRANSFER & STORAGE	Haines & Company
	RYDER TRUCK RENTAL	Haines & Company
	STUDIO	Haines & Company

141 AVENUE 34 W

Year	Uses	Source
2000	STUDIO	Haines & Company

153 AVENUE 34 W

Year	Uses	Source
2000	MEDINA Ruben	Haines & Company

PASADENA

3433 PASADENA

Year	Uses	Source
1986	CALIF MFG ENTERPRISES INC	Pacific Bell
1971	SMITH MAILER INC	Pacific Telephone

Pasadena Ave

3401 Pasadena Ave

Year	Uses	Source
2014	WATER WELLNESS CENTER	EDR Digital Archive
2010	SWEET SCIENCE	EDR Digital Archive
	UNITED FINSHG & LAMINATING INC	EDR Digital Archive
	WATER WELLNESS CENTER	EDR Digital Archive

FINDINGS

PASADENA AVE

3401 PASADENA AVE

Year	Uses	Source
2006	LAMINATING INC	Haines Company, Inc.
	UNITD FINISHING	Haines Company, Inc.
2000	LITHO WERKS INC	Haines & Company
	UNITD FILM LAMINTNG	Haines & Company
1990	BAKER BOB PRODUCTIONS	Pacific Bell
	BATTJES YOUNG ASSOCIATES	Pacific Bell
1929	Anthor Jas cabtmkr	Los Angeles Directory Co.
1924	Arthern Jas furn fnshr h	Los Angeles Directory Co.
	Needham Martha wid E N r	Los Angeles Directory Co.

3433 PASADENA AVE

Year	Uses	Source
2000	POLYSEW INC	Haines & Company
1990	LUCKY TEXTILE INC	Pacific Bell

W 34

135 W 34

Year	Uses	Source
1990	CONSOURCE WEST	Pacific Bell
	PRO ALLOY INC	Pacific Bell

141 W 34

Year	Uses	Source
1990	AMERICAN CASTER CORP	Pacific Bell

153 W 34

Year	Uses	Source
1990	PILE WM PRINTING	Pacific Bell
1981	PRICE G T PRODUCTS INC	Pacific Telephone
	PRICE PRODUCTS G T INC	Pacific Telephone
1957	SANDCAST FOUNDRY	Pacific Telephone

FINDINGS

W Avenue 34

135 W Avenue 34

Year	Uses	Source
2014	STUDIO 34 INC	EDR Digital Archive
2010	ORTIZ TRANSFER AND STORAGE	EDR Digital Archive
	PERFUME RAMA	EDR Digital Archive
	S 34	EDR Digital Archive
	SELECT STORAGE	EDR Digital Archive
	STUDIO 34 INC	EDR Digital Archive

W AVENUE 34

135 W AVENUE 34

Year	Uses	Source
2006	AMER MEDICAL	Haines Company, Inc.
	ORTIZTRANSFER&	Haines Company, Inc.
	STORAGE	Haines Company, Inc.
	WHOLESALE	Haines Company, Inc.

W Avenue 34

141 W Avenue 34

Year	Uses	Source
2014	OUTER DIMENSION	EDR Digital Archive
	SELECT STORAGE INC	EDR Digital Archive
2010	ALBA DESIGN WORKS INC	EDR Digital Archive
	ED1125 LLC	EDR Digital Archive
	HISTORIC LINCOLN HEIGHTS INDUS	EDR Digital Archive
	OUTER DIMENSION	EDR Digital Archive
	SBLSS INC	EDR Digital Archive
	SELECT STORAGE INC	EDR Digital Archive

W AVENUE 34

141 W AVENUE 34

Year	Uses	Source
2006	MOVING&STORAGE	Haines Company, Inc.
	ORTIZ BROTHERS	Haines Company, Inc.
	SELECT STORAGE	Haines Company, Inc.
	STUDIO 34 INC	Haines Company, Inc.

FINDINGS

W Avenue 34

153 W Avenue 34

Year	Uses	Source
2014	ZALEWSKI JAMES	EDR Digital Archive
2010	ZALEWSKI JAMES	EDR Digital Archive

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

AVENUE 33 E

104 AVENUE 33 E

Year	Uses	Source
2000	HERRERA Larry	Haines & Company

106 AVENUE 33 E

Year	Uses	Source
2000	XXXX	Haines & Company

110 AVENUE 33 E

Year	Uses	Source
2000	LOPEZ Javier	Haines & Company

118 AVENUE 33 E

Year	Uses	Source
2000	ALMADER Carlos	Haines & Company

120 AVENUE 33 E

Year	Uses	Source
2000	JIMENEZ Jose	Haines & Company
	a 1/2 ESTRADA Raul	Haines & Company

121 AVENUE 33 E

Year	Uses	Source
2000	CHIAVETTA J J	Haines & Company

124 AVENUE 33 E

Year	Uses	Source
2000	MOW Kam	Haines & Company
	LEUNG Wan	Haines & Company
	MOW Ken	Haines & Company

FINDINGS

AVENUE 33 W

214 AVENUE 33 W

Year	Uses	Source
2000	SPARKENBACH Hector	Haines & Company

216 AVENUE 33 W

Year	Uses	Source
2000	XXXX	Haines & Company

220 AVENUE 33 W

Year	Uses	Source
2000	XXXX	Haines & Company

307 AVENUE 33 W

Year	Uses	Source
2000	GILLINS Lawrence	Haines & Company

311 AVENUE 33 W

Year	Uses	Source
2000	G&G SERVICE INC	Haines & Company
	G&G AIR CONDITIONNG	Haines & Company

315 AVENUE 33 W

Year	Uses	Source
2000	GILLINS Lawrence	Haines & Company
	MARTINEZ Miguel Jr	Haines & Company

403 AVENUE 33 W

Year	Uses	Source
2000	MERCER Art	Haines & Company

420 AVENUE 33 W

Year	Uses	Source
2000	XXXX	Haines & Company

AVENUE 34 W

116 AVENUE 34 W

Year	Uses	Source
2000	HERRERA V G	Haines & Company

FINDINGS

118 AVENUE 34 W

Year	Uses	Source
2000	HERRERA Vera	Haines & Company

120 AVENUE 34 W

Year	Uses	Source
2000	AVENUE 34 W 90031 CONT	Haines & Company
	LEPORE Joseph	Haines & Company

127 AVENUE 34 W

Year	Uses	Source
2000	XXXX	Haines & Company

129 AVENUE 34 W

Year	Uses	Source
2000	XXXX	Haines & Company

134 AVENUE 34 W

Year	Uses	Source
2000	G M L APPAREL INC	Haines & Company
	LEPORE Joseph	Haines & Company

136 AVENUE 34 W

Year	Uses	Source
2000	RIVERA Carmen	Haines & Company

138 AVENUE 34 W

Year	Uses	Source
2000	TERES FASHION	Haines & Company
	DUARTE Teresa	Haines & Company

140 AVENUE 34 W

Year	Uses	Source
2000	BARRIOS David	Haines & Company

164 AVENUE 34 W

Year	Uses	Source
2000	XXXX	Haines & Company

166 AVENUE 34 W

Year	Uses	Source
2000	WIN LEE INC	Haines & Company

FINDINGS

Year	Uses	Source
2000	WIN LEE FASHION	Haines & Company
	SPINKA Thomas	Haines & Company

170 AVENUE 34 W

Year	Uses	Source
2000	XXXX	Haines & Company

252 AVENUE 34 W

Year	Uses	Source
2000	XXXX	Haines & Company

AVENUE 35 E

102 AVENUE 35 E

Year	Uses	Source
2000	XXXX	Haines & Company

107 AVENUE 35 E

Year	Uses	Source
2000	WIN Francis	Haines & Company

120 AVENUE 35 E

Year	Uses	Source
2000	HILLSIDE ELEMENETARY SCHOOL	Haines & Company

121 AVENUE 35 E

Year	Uses	Source
2000	PEREZ Adela	Haines & Company

123 AVENUE 35 E

Year	Uses	Source
2000	SANCHEZ Carlos	Haines & Company
	PEREZ J	Haines & Company

125 AVENUE 35 E

Year	Uses	Source
2000	XXXX	Haines & Company

129 AVENUE 35 E

Year	Uses	Source
2000	ARREOLA Glona	Haines & Company

FINDINGS

131 AVENUE 35 E

Year	Uses	Source
2000	XXXX	Haines & Company

135 AVENUE 35 E

Year	Uses	Source
2000	WING Ella	Haines & Company

139 AVENUE 35 E

Year	Uses	Source
2000	XXXX	Haines & Company

141 AVENUE 35 E

Year	Uses	Source
2000	XXXX	Haines & Company

145 AVENUE 35 E

Year	Uses	Source
2000	KANG Seng	Haines & Company
	NAVARRO Ivan C	Haines & Company

E 33

106 E 33

Year	Uses	Source
1981	GONZALEZ HECTOR	Pacific Telephone

110 E 33

Year	Uses	Source
1981	LOPEZ JAVIER	Pacific Telephone

121 E 33

Year	Uses	Source
1990	CHIAVETTA J J	Pacific Bell

E 35

107 E 35

Year	Uses	Source
1990	PAN PI YUEN	Pacific Bell
	WIN FRANCIS	Pacific Bell

FINDINGS

120 E 35

Year	Uses	Source
1990	HILLSIDE ELEMENTARY SCHOOL	Pacific Bell

125 E 35

Year	Uses	Source
1990	SANCHEZ NICOLASA	Pacific Bell

129 E 35

Year	Uses	Source
1990	ARREOLA GLORIA	Pacific Bell

131 E 35

Year	Uses	Source
1990	SHEPPARD DICK	Pacific Bell

135 E 35

Year	Uses	Source
1981	PINEDA VICTOR	Pacific Telephone

139 E 35

Year	Uses	Source
1990	DU HIEN CHI	Pacific Bell

141 E 35

Year	Uses	Source
1986	VOONG SANG	Pacific Bell

145 E 35

Year	Uses	Source
1990	HA AL LIEN	Pacific Bell
	CHAN CHE NGAN	Pacific Bell
	HY SAU A	Pacific Bell

E AVENUE 33

104 E AVENUE 33

Year	Uses	Source
2006	a NAVARRO Antonia	Haines Company, Inc.

FINDINGS

106 E AVENUE 33

Year	Uses	Source
2006	Letlcia	Haines Company, Inc.
	NAVARRO Olga	Haines Company, Inc.

110 E AVENUE 33

Year	Uses	Source
2006	a LOPEZJavier	Haines Company, Inc.

118 E AVENUE 33

Year	Uses	Source
2006	ALMADER Orlando	Haines Company, Inc.

120 E AVENUE 33

Year	Uses	Source
2006	JIMENEZ Jose	Haines Company, Inc.
	ESTRADA Raul	Haines Company, Inc.

121 E AVENUE 33

Year	Uses	Source
2006	SAWYER Phil	Haines Company, Inc.

E AVENUE 35

107 E AVENUE 35

Year	Uses	Source
2006	WIN Francis	Haines Company, Inc.

E Avenue 35

120 E Avenue 35

Year	Uses	Source
2014	LOS ANGELES UNIFIED SCHOOL DST	EDR Digital Archive
2010	LOS ANGELES UNIFIED SCHL DIST	EDR Digital Archive

E AVENUE 35

120 E AVENUE 35

Year	Uses	Source
2006	SCHOOL	Haines Company, Inc.
	HILLSIDE	Haines Company, Inc.
	ELEMENTARY	Haines Company, Inc.

FINDINGS

121 E AVENUE 35

Year	Uses	Source
2006	PINAPablo	Haines Company, Inc.

123 E AVENUE 35

Year	Uses	Source
2006	o SANCHEZ Cados	Haines Company, Inc.

125 E AVENUE 35

Year	Uses	Source
2006	ZAVALAHerdberto	Haines Company, Inc.

129 E AVENUE 35

Year	Uses	Source
2006	RAMIREZ Gustavo	Haines Company, Inc.

135 E AVENUE 35

Year	Uses	Source
2006	MARQUEZGioconda	Haines Company, Inc.

139 E AVENUE 35

Year	Uses	Source
2006	No Current Listing	Haines Company, Inc.

145 E AVENUE 35

Year	Uses	Source
2006	URBINAJanelh	Haines Company, Inc.

E MARMION WAY

3445 E MARMION WAY

Year	Uses	Source
1981	GUZMAN MARIA HERMIDA	Pacific Telephone

GRIFFIN AVE

3326 GRIFFIN AVE

Year	Uses	Source
2006	LOEB Jamie	Haines Company, Inc.
2000	FRYD Mark	Haines & Company
1981	DERVISHIAN ABRAM	Pacific Telephone
1951	Griffn Poteet Rosalynd P Mrs r	Pacific Telephone & Telegraph Co.

FINDINGS

Year	Uses	Source
1942	HUGHES Elmer C	Los Angeles Directory Co.
	HUGHES Anna C Mrs	Los Angeles Directory Co.

3329 GRIFFIN AVE

Year	Uses	Source
2000	BENAVIDEZ Edward	Haines & Company
1986	LOYA JESSIE J	Pacific Bell
1981	LOYA JESSIE J	Pacific Telephone
1976	Loya Jessie J	Pacific Telephone
1951	Griffn Av Loya Josephine r	Pacific Telephone & Telegraph Co.
1937	ALVAREZ Ignacio F lab	Los Angeles Directory Co.

3331 GRIFFIN AVE

Year	Uses	Source
2006	URIBE Marda	Haines Company, Inc.
2000	URIBE Maria	Haines & Company
1942	SCHULTZ Howard die sinker	Los Angeles Directory Co.
	WARNER Kenneth Marion die sinker	Los Angeles Directory Co.
1937	Iguel John Lupe	Los Angeles Directory Co.

3333 GRIFFIN AVE

Year	Uses	Source
2006	VAZQUEZ URIBE	Haines Company, Inc.
2000	URIBE Enrique	Haines & Company
1990	URIBE ENRIQUE	Pacific Bell
1986	URIBE ENRIQUE	Pacific Bell
1951	Griffn Av Grimsinger A J r	Pacific Telephone & Telegraph Co.
1942	Grimsinger Adolph J clk	Los Angeles Directory Co.
1937	Seden Reginald Ada	Los Angeles Directory Co.

3337 GRIFFIN AVE

Year	Uses	Source
2000	SANTOS Adelaida	Haines & Company
1951	Griffn Av Packer Geo W r	Pacific Telephone & Telegraph Co.
1942	Pousson Michl W Yvonne nurse City Health Dept	Los Angeles Directory Co.
	OGara C C driver	Los Angeles Directory Co.
1937	WHITE Francis Marie	Los Angeles Directory Co.
	HUBERT Annie Mrs	Los Angeles Directory Co.

FINDINGS

3339 GRIFFIN AVE

Year	Uses	Source
2006	ZAMORA Howard	Haines Company, Inc.
	PANELL Michelle	Haines Company, Inc.
1976	Pimentel Raul	Pacific Telephone
	Pacheco Julio	Pacific Telephone
1951	Griffn Kendrick John W r	Pacific Telephone & Telegraph Co.
1942	Clausman Michl Cath	Los Angeles Directory Co.
	WYCOFF John Opal	Los Angeles Directory Co.
	HUBER John Indywkr	Los Angeles Directory Co.
	HUBERT John Indywkr	Los Angeles Directory Co.
1937	Clausman Michl Kath	Los Angeles Directory Co.

3341 GRIFFIN AVE

Year	Uses	Source
1951	N Griffn Arnold Saml T r	Pacific Telephone & Telegraph Co.
1942	ARNOLD Saml Clara welder	Los Angeles Directory Co.

3343 GRIFFIN AVE

Year	Uses	Source
2000	XXXX	Haines & Company
1951	Griffn Walker Mae r	Pacific Telephone & Telegraph Co.
1942	WALKER Mae wid Isaac	Los Angeles Directory Co.
	WALKER Earl	Los Angeles Directory Co.
1937	Walker May Mrs	Los Angeles Directory Co.

3347 GRIFFIN AVE

Year	Uses	Source
1951	Griffn Av Hayden Saml G r	Pacific Telephone & Telegraph Co.
	Griffn Hunn Clarence r	Pacific Telephone & Telegraph Co.
1942	Bann Jos Anna	Los Angeles Directory Co.
1937	Carmichael Arth B osteo	Los Angeles Directory Co.

3349 GRIFFIN AVE

Year	Uses	Source
1951	Griffn Av Pierson Earl E r	Pacific Telephone & Telegraph Co.
1942	Sowers Carl Alice polshr	Los Angeles Directory Co.
	Stadhouders John	Los Angeles Directory Co.
1937	Mondey Bernard Johanna M shtmtlwkr	Los Angeles Directory Co.

FINDINGS

3339 1/2 GRIFFIN AVE

Year	Uses	Source
1990	GALVAN EUFROSINA	Pacific Bell

HUMBOLDT ST

3298 HUMBOLDT ST

Year	Uses	Source
1964	ITT CANNON ELECTRIC INC	Pacific Telephone

MARMION WAY

3427 MARMION WAY

Year	Uses	Source
2006	BRACAMONTE	Haines Company, Inc.
	Rogello	Haines Company, Inc.
2000	BRACAMONTE Rogelio	Haines & Company
	MARQUEZ Jesus	Haines & Company
	a 1/2 IRACHETA J	Haines & Company
1990	MARQUEZ JESUS J	Pacific Bell
1986	MARQUEZ JESUS J	Pacific Bell
1981	MARQUEZ JESUS J	Pacific Telephone
1976	Marquez Jesus J	Pacific Telephone
	Zamora Antolin	Pacific Telephone
1971	Gonzales Henry	Pacific Telephone
	Zamora Antolin	Pacific Telephone
1967	Dougherty Ray L	Pacific Telephone
	Zamora Antolin	Pacific Telephone
1962	Zamora Antolin	Pacific Telephone
1958	Marquez Jesus J	Pacific Telephone
	Zamora Antolin	Pacific Telephone
1951	Marmion Wy Zamora Antolin r	Pacific Telephone & Telegraph Co.
	Marmion Wy Marquez Jesus J r	Pacific Telephone & Telegraph Co.
1942	Marquez Jesus Aurora fndrywkr	Los Angeles Directory Co.
	Zamora Antolen Carmen	Los Angeles Directory Co.
1937	HERNANDEZ Blas fruit pkr	Los Angeles Directory Co.
	HERNANDEZ Carmen	Los Angeles Directory Co.
	HERNANDEZ Manuel H fndywkr	Los Angeles Directory Co.
	HERNANDEZ Margarito Maria lab	Los Angeles Directory Co.
	HERNANDEZ Margt	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1937	HERNANDEZ Kuth	Los Angeles Directory Co.
	MARQUEZ Jerry J fndrywkr	Los Angeles Directory Co.
1933	CONTRERAS Chas lab	Los Angeles Directory Co.
	Villalobos Carmen Mrs	Los Angeles Directory Co.
1929	Cabrera Carmen factywkr	Los Angeles Directory Co.
	Rodriguez Armando Dolores lab h	Los Angeles Directory Co.
1924	Cawoda A P iron wkr r	Los Angeles Directory Co.

3429 MARMION WAY

Year	Uses	Source
1937	MARQUEZ Jesus Aurora	Los Angeles Directory Co.

3431 MARMION WAY

Year	Uses	Source
2006	o CENTENO Luis J	Haines Company, Inc.
2000	CENTENO Luis J	Haines & Company
	CENTENO Noreen F	Haines & Company
1981	PAGLIUCA PASQUALE	Pacific Telephone
1976	Pagliuca Pasquale	Pacific Telephone
1971	Pagliuca Pasquale	Pacific Telephone
1967	Pagliuca Pasquale	Pacific Telephone
1962	Marchetti Margaret	Pacific Telephone
1958	Chefalo Nicholas	Pacific Telephone
1951	Marmion Wy Chefalo Nicholas r	Pacific Telephone & Telegraph Co.
1942	Fuglsang Frank E mech	Los Angeles Directory Co.
	Fuglsang Forrest B mach SPCo	Los Angeles Directory Co.
	Fuglsang Bernice wid Andw	Los Angeles Directory Co.
	Fuglsang Andw W coach clnr S PCo	Los Angeles Directory Co.
1937	Ranzetta Benj chimney sweep	Los Angeles Directory Co.
1933	Ranzetta Benj	Los Angeles Directory Co.
1929	Renzetta Benj chimney sweep h	Los Angeles Directory Co.
1924	Milz Edwd plastr r	Los Angeles Directory Co.
	DANIELS Wm J auto mech r	Los Angeles Directory Co.
	Milz Johanna Mrs h	Los Angeles Directory Co.
	Milz Olga clk r	Los Angeles Directory Co.
	Milz Viola clk r	Los Angeles Directory Co.
	Milz Arthur H plastr h	Los Angeles Directory Co.

FINDINGS

3435 MARMION WAY

Year	Uses	Source
2006	HERNANDEZ Jacdnto	Haines Company, Inc.
2000	HERNANDEZ Jacinto	Haines & Company
1981	BATES HAROLD S	Pacific Telephone
1976	Bates Harold S	Pacific Telephone
1971	Bates Harold S	Pacific Telephone
1967	Bates Harold S	Pacific Telephone
1962	Bates Harold S	Pacific Telephone
1958	Bates Harold S	Pacific Telephone
1951	Marmion Wy Bates Harold S r	Pacific Telephone & Telegraph Co.
1942	Bates Harold S Leona mach	Los Angeles Directory Co.
1933	CLARK Wm R slsmn Times Paint Store	Los Angeles Directory Co.
	CLARK Verne	Los Angeles Directory Co.
	CLARK Chas C Eva	Los Angeles Directory Co.
	Alves E A tester	Los Angeles Directory Co.
1929	Minkler Ray A Inez marble str	Los Angeles Directory Co.
	Minkler Floyd appr	Los Angeles Directory Co.
	HARTMAN Walter J ironwkr	Los Angeles Directory Co.
1924	Minkler Elma insp Fuighum & Co r	Los Angeles Directory Co.

3437 MARMION WAY

Year	Uses	Source
2006	No Current Listing	Haines Company, Inc.
2000	XXXX	Haines & Company
1971	Muros Graciela S	Pacific Telephone
1962	Rodriguez Salvador E	Pacific Telephone
1958	Nolan Harland T	Pacific Telephone
1951	Marmion Wy Peyrot Ida F r	Pacific Telephone & Telegraph Co.
1942	Peyrot Mimi sten	Los Angeles Directory Co.
	Peyrot Ida Mrs clk	Los Angeles Directory Co.
	Peyrot Anita beauty opr	Los Angeles Directory Co.
1937	Peyrot Ida Mrs	Los Angeles Directory Co.
	Peyrot Emilia	Los Angeles Directory Co.
1933	THORNE Jos H Ada M	Los Angeles Directory Co.
	Longacre Walter W	Los Angeles Directory Co.
1929	HILL Dunlap B	Los Angeles Directory Co.
	Minkler Geo E Rhoda slsmn	Los Angeles Directory Co.
1924	KEENE Chas L produce h	Los Angeles Directory Co.

FINDINGS

3439 MARMION WAY

Year	Uses	Source
2006	MENDOZA Irma	Haines Company, Inc.
	MOJICAPedro	Haines Company, Inc.
2000	HERNANDEZ George	Haines & Company
	SAUCEDA Efrain	Haines & Company
	a 1/2 LEYVA Jacinto	Haines & Company
1990	MORENO ALDO	Pacific Bell
1981	TORRES DINORA ESTELA	Pacific Telephone
1976	Ramirez Gregorio	Pacific Telephone
	Martinez Carmen	Pacific Telephone
1971	Hernandez Luis	Pacific Telephone
	Gomez Louis R	Pacific Telephone
1967	Zamora Nancy A	Pacific Telephone
	Lawruchin Michael	Pacific Telephone
1962	Lawruchin Michael	Pacific Telephone
1958	Lawruchin Michael	Pacific Telephone
1951	Marmion Wy Mendias Mary r	Pacific Telephone & Telegraph Co.
1942	Espinosa Raul Josephine printer	Los Angeles Directory Co.
1937	CONTRERAS Harvey baker	Los Angeles Directory Co.
	CONTRERAS Frank B fndrywkr	Los Angeles Directory Co.
1933	Peyrot Ida F wid Emil	Los Angeles Directory Co.
1929	SMITH John H carp r	Los Angeles Directory Co.
	SERVICE Caroline facty wkr h	Los Angeles Directory Co.

3441 MARMION WAY

Year	Uses	Source
1951	Marmion Wy Huitron Frances r	Pacific Telephone & Telegraph Co.
1942	Luna Jas Lorraine lab	Los Angeles Directory Co.
1933	EARLY Ruby Mrs	Los Angeles Directory Co.
1929	Doeppel John auto mech	Los Angeles Directory Co.
1924	CLARK Edwd cond h	Los Angeles Directory Co.

3443 MARMION WAY

Year	Uses	Source
2006	No Current Listing	Haines Company, Inc.
2000	XXXX	Haines & Company
1967	Espinoza Jesus B	Pacific Telephone

FINDINGS

3445 MARMION WAY

Year	Uses	Source
2006	MONTIJO Jullo C	Haines Company, Inc.
2000	MONTIJO Matias	Haines & Company
1976	Guzman Maria Hermida	Pacific Telephone
1967	Baruch Nicolas	Pacific Telephone
1951	Marmion Wy Proa Rudy r	Pacific Telephone & Telegraph Co.
1942	MILLER Clyde Myrtle	Los Angeles Directory Co.
1933	BOWERS Harry Mildred L eng	Los Angeles Directory Co.

3447 MARMION WAY

Year	Uses	Source
2006	No Current Listing	Haines Company, Inc.
2000	XXXX	Haines & Company
1990	CASIMIRO VERONICA	Pacific Bell
1986	CASIMIRO VERONICA	Pacific Bell
1981	NARIO JOSE	Pacific Telephone
1976	Garza Heriberto Jr	Pacific Telephone
1967	Gebert Romuald T	Pacific Telephone
	Gebert Ada	Pacific Telephone
1958	Bochicchio Vincent Mrs	Pacific Telephone
1942	as Albt Dolores driver	Los Angeles Directory Co.
	Bernstron Jewell	Los Angeles Directory Co.
1937	Grimsinger Adolf Laura clk	Los Angeles Directory Co.
1929	PAIGE Norman Welma cement fnshr	Los Angeles Directory Co.
	PAGE Wilma Indywkr	Los Angeles Directory Co.
	Belfield Ollie chinaware fnshr	Los Angeles Directory Co.
	Belfield Geo G lather	Los Angeles Directory Co.
	Belfield Francis L brklyr	Los Angeles Directory Co.

3449 MARMION WAY

Year	Uses	Source
1967	Salazar Pedro V	Pacific Telephone
1958	Quinones Natividad	Pacific Telephone
1942	Gilliam John E Alice carp	Los Angeles Directory Co.
1937	ROBERTS Carl mech Hattie	Los Angeles Directory Co.
1933	Mangless Clyne C Nathalie mech	Los Angeles Directory Co.
1929	Bosch Anna wid Ulrich	Los Angeles Directory Co.

FINDINGS

3451 MARMION WAY

Year	Uses	Source
2006	VELOZ Richard	Haines Company, Inc.
2000	VELOZ Richard	Haines & Company
1962	Luas Lupe	Pacific Telephone
1958	Luas Lupe	Pacific Telephone
1942	Ruggio Dominic Caroline driver	Los Angeles Directory Co.
1937	Blanton Jas blksmith	Los Angeles Directory Co.
	Schmoll Harry R Mary mach	Los Angeles Directory Co.
1933	Miller Adian C Helen baker	Los Angeles Directory Co.
	Miller Adam C Helen baker	Los Angeles Directory Co.
1929	VOGT John Lucretia h	Los Angeles Directory Co.
1924	Foct John h	Los Angeles Directory Co.

3455 MARMION WAY

Year	Uses	Source
2006	No Current Listing	Haines Company, Inc.
2000	LAM Xung A	Haines & Company
1976	Ramirez Jose	Pacific Telephone
1967	Calderon Johnny	Pacific Telephone
1962	Palmer Truman W	Pacific Telephone
1958	Palmer Truman W	Pacific Telephone
1951	Marmion Wy Palmer Truman W r	Pacific Telephone & Telegraph Co.
1942	Cluff Martha Mrs	Los Angeles Directory Co.
1937	Swisher Matillee	Los Angeles Directory Co.
	PALMER Truman W cbtmkr	Los Angeles Directory Co.
	Cluff Robt W Martha gdnr	Los Angeles Directory Co.
1933	SWISHER Raymond S Mattie L clk	Los Angeles Directory Co.
	RILEY Sarah wid W M	Los Angeles Directory Co.
	PALMER Truman W woodwkr	Los Angeles Directory Co.
	PALMER Thos A Martha J lab	Los Angeles Directory Co.
1929	PALMER Thos A Martha millmn	Los Angeles Directory Co.
	PALMER Lon H millmn	Los Angeles Directory Co.
	Palmen Beatrie clk	Los Angeles Directory Co.
1924	KNAPP John E brklyr L A Gas & Elec Corp h	Los Angeles Directory Co.

3459 MARMION WAY

Year	Uses	Source
2006	e GOMEZ Cardos	Haines Company, Inc.

FINDINGS

Year	Uses	Source
2000	VOONG Liane	Haines & Company
	LI Qun Zhi	Haines & Company
1990	CHU THANH	Pacific Bell
1981	OROZCO OFELIA	Pacific Telephone
1971	Ramirez Jose	Pacific Telephone
1967	Tellez Joe S	Pacific Telephone
1962	Calderon Johnny	Pacific Telephone
1958	Butterfield Elizabeth	Pacific Telephone
1951	Marmion Wy Cluff Martha J r	Pacific Telephone & Telegraph Co.
1942	WEAVER Hise Lea clk	Los Angeles Directory Co.
1937	EARLY Ruby Mrs dom	Los Angeles Directory Co.
1933	Garren John S Mabel L mech	Los Angeles Directory Co.
1929	DENTON Eliz wid B F	Los Angeles Directory Co.
1924	PROCTOR Phil E auto opr h	Los Angeles Directory Co.
	Proctor Adeline wid R F r	Los Angeles Directory Co.

3461 MARMION WAY

Year	Uses	Source
2006	CHAN Sau Chun	Haines Company, Inc.
2000	CHAN Sau Chun	Haines & Company
1990	CHAN SAU CHUN	Pacific Bell
1986	CHAN SAU CHUN	Pacific Bell
1981	CHAN SAU CHUN	Pacific Telephone
1971	Calderon Maxine	Pacific Telephone
	De Luna Dulcina J	Pacific Telephone
1962	Cortez Juan	Pacific Telephone
	Cortez Juana	Pacific Telephone
	Falcinella Aldo	Pacific Telephone
1958	Falcinella Aldo	Pacific Telephone
	Falcinella Fedele	Pacific Telephone
1951	Marmion Wy Bigler Jennie r	Pacific Telephone & Telegraph Co.
1942	BARRON Clyde S Inice cavon SP Co	Los Angeles Directory Co.
	Bigler John E Jennie shoemkr	Los Angeles Directory Co.
	FERGUSON Eliz wid R H	Los Angeles Directory Co.
1937	Bigler John Jennie restr wkr	Los Angeles Directory Co.
	MUNOZ Julia Renia pntr	Los Angeles Directory Co.
1933	MUNOZ Julio Reina lab	Los Angeles Directory Co.
	Munzo Reina mach opr	Los Angeles Directory Co.
	Trejo Jesus H lab Co Forestry Dept	Los Angeles Directory Co.

Year	Uses	Source
1933	Trejo Jose Nellie glazier J A Bauer Pottery Co	Los Angeles Directory Co.
1929	Cernek John Mary mach opr	Los Angeles Directory Co.
	Redfern Arth L stage carp h	Los Angeles Directory Co.
1924	Bonnecaze Elwood E h	Los Angeles Directory Co.
	CHURCH Wm lab h	Los Angeles Directory Co.
	Redfern Arthur L lab r	Los Angeles Directory Co.

3463 MARMION WAY

Year	Uses	Source
2006	NG Blk Yee Lee	Haines Company, Inc.
	WONG Rick	Haines Company, Inc.
2000	NG Bik Yee Lee	Haines & Company
	WONG Rick	Haines & Company
1990	NG BIK YEE LEE	Pacific Bell

3427 1/2 MARMION WAY

Year	Uses	Source
1990	IRACHETA J	Pacific Bell

3427 3/4 MARMION WAY

Year	Uses	Source
1981	MARTINEZ MARIO	Pacific Telephone

3439 1/2 MARMION WAY

Year	Uses	Source
1981	MACIAS REFUGIO V	Pacific Telephone

3439 1/4 MARMION WAY

Year	Uses	Source
1990	RODRIGUEZ SILBERTO	Pacific Bell

3467 1/2 MARMION WAY

Year	Uses	Source
1981	GONZALEZ GLAFIRO	Pacific Telephone

MARMON WAY

3467 MARMON WAY

Year	Uses	Source
1981	YBARRA FRANCISO B	Pacific Telephone

FINDINGS

3439 1/4 MARMON WAY

Year	Uses	Source
1981	RODRIGUEZ SILBERTO	Pacific Telephone

PASA DENA AVE

3454 PASA DENA AVE

Year	Uses	Source
1990	DE AVILA SIMON	Pacific Bell

PASADENA

3225 PASADENA

Year	Uses	Source
1981	DANG DI BA	Pacific Telephone
1967	Osuna Maria J T	Pacific Telephone

PASADENA AVE

3223 PASADENA AVE

Year	Uses	Source
2006	No Current Listing	Haines Company, Inc.
2000	KY Minh XUAN Xue Fang	Haines & Company
1990	CHIEU KY MINH	Pacific Bell
1986	CHIEU KY MINH	Pacific Bell
	DUONG VAN	Pacific Bell
1981	CHIEU KY MINH	Pacific Telephone
1967	Orozco Mary	Pacific Telephone
	Orozco Danl	Pacific Telephone
1937	ROLLINS Ruth M tel opr	Los Angeles Directory Co.
1929	Antista Jas Rose cond	Los Angeles Directory Co.
1924	WILLIAMS Arthur J bkpr Price Plister Brass Mfg Co h	Los Angeles Directory Co.

3225 PASADENA AVE

Year	Uses	Source
2006	LIPPI Mariynn	Haines Company, Inc.
2000	XXXX	Haines & Company
1986	DANG DI BA	Pacific Bell
1951	Pasadena Av Mestas Henry J	Pacific Telephone & Telegraph Co.
1929	Mc Murrin J Waldo lab	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1929	Mc MURRIN Waldo Vos truck supt	Los Angeles Directory Co.
1924	DAVIES Elizabeth wid Thos h	Los Angeles Directory Co.
	OWEN Florence wid J T r	Los Angeles Directory Co.

3227 PASADENA AVE

Year	Uses	Source
2006	No Current Listing	Haines Company, Inc.
2000	XXXX	Haines & Company
1929	BROWN Ward	Los Angeles Directory Co.
	BROWN David W potter	Los Angeles Directory Co.
1924	REED Herbt E coml artist r	Los Angeles Directory Co.

3228 PASADENA AVE

Year	Uses	Source
2000	XXXX	Haines & Company

3229 PASADENA AVE

Year	Uses	Source
2006	WONGAnc Xl	Haines Company, Inc.
1990	VOONG SAN	Pacific Bell
1986	DUONG JAMES M	Pacific Bell
1951	Pasadena Av Shatto O A	Pacific Telephone & Telegraph Co.
1929	CORNELL Leo J Mary depy sheirff	Los Angeles Directory Co.
1924	Bernstrom O C auto opr h	Los Angeles Directory Co.

3231 PASADENA AVE

Year	Uses	Source
2006	a CISNEROS Femando	Haines Company, Inc.
2000	CISNEROS Fernando	Haines & Company
1990	BRAUN MARY	Pacific Bell
1986	BRAUN MARY	Pacific Bell
1951	Pasadena Av Weller Bertha A Mrs r	Pacific Telephone & Telegraph Co.
	Pasadena Av Nordeen Helen L	Pacific Telephone & Telegraph Co.
1924	Overly Floyd slsmn G H Turner Co r	Los Angeles Directory Co.

3239 PASADENA AVE

Year	Uses	Source
2006	LEHanh	Haines Company, Inc.
	GOBEAMaria	Haines Company, Inc.
	ACEVEZJesus	Haines Company, Inc.

FINDINGS

Year	Uses	Source
2006	BARRAGAN Antonla	Haines Company, Inc.
2000	APARTMENTS CHEN Huo Zao	Haines & Company
	CHEN Nuliu	Haines & Company
	HUO Zao	Haines & Company
	LIN Chaojun	Haines & Company
	CHEN Rui Qing	Haines & Company
1986	CHRIS PLUMBING & HEATING	Pacific Bell
1951	Pasadena Martin Robt H r	Pacific Telephone & Telegraph Co.

3251 PASADENA AVE

Year	Uses	Source
1929	Nieto Paul D asmblr Price Pfister Brass Mfg Co	Los Angeles Directory Co.

3280 PASADENA AVE

Year	Uses	Source
1924	ERWIN Anna wid Jas h	Los Angeles Directory Co.

3300 PASADENA AVE

Year	Uses	Source
2006	HERNANDEZMardn	Haines Company, Inc.

Pasadena Ave

3302 Pasadena Ave

Year	Uses	Source
2010	TIP TOP	EDR Digital Archive

PASADENA AVE

3302 PASADENA AVE

Year	Uses	Source
2006	HUYNHAnh Ngoc	Haines Company, Inc.

3304 PASADENA AVE

Year	Uses	Source
2006	SAMANO Juan	Haines Company, Inc.

FINDINGS

Pasadena Ave

3305 Pasadena Ave

Year	Uses	Source
2014	FELIX C SPORTSWEAR	EDR Digital Archive
	GARCIAS CUTTER	EDR Digital Archive
	ROMAN APPAREL GROUP LLC	EDR Digital Archive
	SETROC APPAREL	EDR Digital Archive
	LE VAL OF CALIFORNIA INC	EDR Digital Archive
2010	FELIX C SPORTSWEAR	EDR Digital Archive
	PARAGON APPAREL LLC	EDR Digital Archive
	NICOLITA	EDR Digital Archive
	GARCIAS CUTTER	EDR Digital Archive
	LE VAL OF CALIFORNIA INC	EDR Digital Archive

PASADENA AVE

3305 PASADENA AVE

Year	Uses	Source
2006	PARAGON APPAREL	Haines Company, Inc.
	GARCIAS CUTTER	Haines Company, Inc.
2000	T & J CUTTING SERVICE	Haines & Company
	LEVAL OF CALIF	Haines & Company
1990	LE VAL OF CALIF	Pacific Bell
1986	LE VAL OF CALIF	Pacific Bell
1981	LE VAL OF CALIF	Pacific Telephone
1951	Pasadena Av Jones Frank V Mrs r	Pacific Telephone & Telegraph Co.
1929	JONES Jesse G depy Co Clk	Los Angeles Directory Co.

Pasadena Ave

3307 Pasadena Ave

Year	Uses	Source
2014	V T P T INC	EDR Digital Archive
2010	V T P T INC	EDR Digital Archive
	28 PHAT INC	EDR Digital Archive

FINDINGS

PASADENA AVE

3307 PASADENA AVE

Year	Uses	Source
2006	29 PHAT	Haines Company, Inc.
2000	SENH PHAT HOP FASHION	Haines & Company
1929	Deaton Emma F Mrs gro	Los Angeles Directory Co.
1924	Deaton Emma F Mrs gro	Los Angeles Directory Co.

3311 PASADENA AVE

Year	Uses	Source
1951	Pasadena Av Moore Bob r	Pacific Telephone & Telegraph Co.
1929	Nilsson Erick Velma slsmn	Los Angeles Directory Co.
1924	STRAUB Julia A wid J A h	Los Angeles Directory Co.
	HARMON Ernest R carp r	Los Angeles Directory Co.
	HARMON Clyde M clk P O r	Los Angeles Directory Co.

3315 PASADENA AVE

Year	Uses	Source
2000	XXXX	Haines & Company
1951	Pasadena Av Lapora Chas T r	Pacific Telephone & Telegraph Co.
1929	Rockwell Bessie wid G H h	Los Angeles Directory Co.
	Lepora Chas Bettie blksmth	Los Angeles Directory Co.
	La Pora Betty L cracker pkr	Los Angeles Directory Co.
1924	Suttle Wm emp L W Blinn Lmbr Co r	Los Angeles Directory Co.
	Suttle Bessie wid L C h	Los Angeles Directory Co.
	Lapora Chas T boilermkr r	Los Angeles Directory Co.
	Rockwell Bessie wid G H r	Los Angeles Directory Co.

3320 PASADENA AVE

Year	Uses	Source
2006	FONSECO Luis	Haines Company, Inc.
2000	RODRIGUEZ Jose	Haines & Company

3321 PASADENA AVE

Year	Uses	Source
2006	ELVIRASMINI	Haines Company, Inc.
	MARKET	Haines Company, Inc.
2000	YOUNG Ngut	Haines & Company
1990	PASADENA AVE MKT	Pacific Bell
1986	PASADENA AVE MKT	Pacific Bell

FINDINGS

Year	Uses	Source
1981	PASADENA AVE MKT	Pacific Telephone
1976	Pasadena Ave Mkt	Pacific Telephone
1951	Pasadena Av Chin Frank r	Pacific Telephone & Telegraph Co.
1929	Cardella Luke Mary gro	Los Angeles Directory Co.
1924	Cardella Luke gro	Los Angeles Directory Co.
	Macchio & Monteleone Saml Macchio Vito Monteleone meats	Los Angeles Directory Co.

3323 PASADENA AVE

Year	Uses	Source
1986	NONG SANG CUN	Pacific Bell
1981	NONG SANG CUN	Pacific Telephone
1924	SHUGART J Frank slsmn r	Los Angeles Directory Co.

3326 PASADENA AVE

Year	Uses	Source
2000	MELGOZA Manuel	Haines & Company
1929	Dance Arth E Rhoda printer	Los Angeles Directory Co.
1924	ROUSE R Eugene printer	Los Angeles Directory Co.
	Kaylor Robt locksmth	Los Angeles Directory Co.

Pasadena Ave

3328 Pasadena Ave

Year	Uses	Source
2014	MOMS TAMALE	EDR Digital Archive
2010	MOMS TAMALE	EDR Digital Archive

PASADENA AVE

3328 PASADENA AVE

Year	Uses	Source
2006	MOMSTAMALES	Haines Company, Inc.
2000	EL PATIO	Haines & Company
1990	EL PATIO RESTAURANT	Pacific Bell
1986	EL PATIO RESTAURANT	Pacific Bell
1981	EL PATIO RESTAURANT	Pacific Telephone
1929	LINDLEY Henry W Pearl brklyr	Los Angeles Directory Co.
	HEWITT Jas jan	Los Angeles Directory Co.
	COOK Mabel E printer	Los Angeles Directory Co.

Year	Uses	Source
1929	COOK Glenn A Sophie printer	Los Angeles Directory Co.
1924	Freeland John W watchmn r	Los Angeles Directory Co.
	BENNETT Leslie E line mn h	Los Angeles Directory Co.
	COOK Glenn A printer h	Los Angeles Directory Co.
	COOK Mabel printer r	Los Angeles Directory Co.

Pasadena Ave

3332 Pasadena Ave

Year	Uses	Source
2010	MELGOZA MANUEL M	EDR Digital Archive

PASADENA AVE

3332 PASADENA AVE

Year	Uses	Source
2006	a MELGOZA Manuel	Haines Company, Inc.
2000	MELGOZA Manuel	Haines & Company
1990	CRAVEN C E	Pacific Bell
1986	CRAVEN C	Pacific Bell
1981	LAWRENCE STANLEY	Pacific Telephone
	L E	Pacific Telephone
1951	Pasadena Av Crock Wm H r	Pacific Telephone & Telegraph Co.
1929	ANDERSON Ira M Mildred lab	Los Angeles Directory Co.
	Schuman Albt Nellie slsmn h	Los Angeles Directory Co.
	Schumann Clarance E clk r	Los Angeles Directory Co.
	WILLIAMS John D Lola pipe ftr h	Los Angeles Directory Co.
1924	ENGLISH Lucille Mrs h	Los Angeles Directory Co.
	Robinson Arlo H truck driver h	Los Angeles Directory Co.
	ROBINSON Rowland cement wkr r	Los Angeles Directory Co.
	Van Antwerp Mary wid F L r	Los Angeles Directory Co.

3406 PASADENA AVE

Year	Uses	Source
2006	CRUZ Albeato	Haines Company, Inc.
	LOPEZ Claud Ia	Haines Company, Inc.
	MARTINEZBen 6a	Haines Company, Inc.
2000	MARTINEZ Benita	Haines & Company
	INFANTE Cesar	Haines & Company
	GONZALEZ Eva	Haines & Company

FINDINGS

Year	Uses	Source
2000	CRUZ Alberto	Haines & Company
1990	AYALA GREGORIO	Pacific Bell
	NGU CHANH	Pacific Bell
	TRUONG HOT	Pacific Bell

3407 PASADENA AVE

Year	Uses	Source
1924	Nowacki John W mach h	Los Angeles Directory Co.

3409 PASADENA AVE

Year	Uses	Source
1929	MURPHY John chauf	Los Angeles Directory Co.
1924	MURPHY John driver h	Los Angeles Directory Co.

3411 PASADENA AVE

Year	Uses	Source
1929	KNIGHT Margt E	Los Angeles Directory Co.
	KNIGHT Walter W Margt pntr	Los Angeles Directory Co.

Pasadena Ave

3412 Pasadena Ave

Year	Uses	Source
2014	BECERRA MACARIO	EDR Digital Archive

PASADENA AVE

3412 PASADENA AVE

Year	Uses	Source
2006	o BECERRAMacario	Haines Company, Inc.
2000	BECERRA Mac Arlo	Haines & Company
1986	ALARCON M	Pacific Bell
1981	ALARCON M	Pacific Telephone
1951	Pasadena Monday B r	Pacific Telephone & Telegraph Co.

3414 PASADENA AVE

Year	Uses	Source
2006	VALLADARES Abel	Haines Company, Inc.
2000	XXXX	Haines & Company
1986	ARELLANO VIDAL	Pacific Bell
1981	RUBLES CELSO	Pacific Telephone

FINDINGS

Year	Uses	Source
1951	Pasadena Av Moyer Earl L r	Pacific Telephone & Telegraph Co.
1929	ROSE Edgar R Inez wtchmn h	Los Angeles Directory Co.
1924	ROSE Edgar R watchman h	Los Angeles Directory Co.

3417 PASADENA AVE

Year	Uses	Source
1929	CUBBISON CRACKER CO H G Cubbison Mfrs of Cubbisons Flaxseed Crackers and Other Health Food Products	Los Angeles Directory Co.

3418 PASADENA AVE

Year	Uses	Source
2000	XXXX	Haines & Company

3419 PASADENA AVE

Year	Uses	Source
2000	XXXX	Haines & Company
1951	Pasadena Av Cubbison Cracker Co	Pacific Telephone & Telegraph Co.
1924	Dent Mark h	Los Angeles Directory Co.
	Cubbison Harry G bakery	Los Angeles Directory Co.

3420 PASADENA AVE

Year	Uses	Source
1951	Pasadena Av Di Martino Sam r	Pacific Telephone & Telegraph Co.
	Pasadena Av Barker Sara r	Pacific Telephone & Telegraph Co.
1929	MILLER Harry E Daisy H Indy route	Los Angeles Directory Co.
1924	Miller Harry E indy driver h	Los Angeles Directory Co.

3421 PASADENA AVE

Year	Uses	Source
1929	Legg Harry G Jessie mach	Los Angeles Directory Co.

3423 PASADENA AVE

Year	Uses	Source
1951	Pasadena Av Condra A M r	Pacific Telephone & Telegraph Co.
1929	Condra Aaron M Cath W slsmn	Los Angeles Directory Co.
	Gabany J baker	Los Angeles Directory Co.
1924	Condra Cath L Mrs artist r	Los Angeles Directory Co.
	Condra Aaron M real est	Los Angeles Directory Co.
	Condra Ralph J surveyor r	Los Angeles Directory Co.

FINDINGS

3424 PASADENA AVE

Year	Uses	Source
1951	Pasadena Av Pan American Printng Co	Pacific Telephone & Telegraph Co.
	Pasadena Av Espinosa Raul r	Pacific Telephone & Telegraph Co.
1929	Fehrenschild Matilda F dietitian	Los Angeles Directory Co.
	Fehrenschild Henry H Bertha	Los Angeles Directory Co.
1924	Reeser Irene seam r	Los Angeles Directory Co.
	Reeser Julian real est h	Los Angeles Directory Co.

3425 PASADENA AVE

Year	Uses	Source
1933	SMITH Frances clk	Los Angeles Directory Co.
1929	SMITH Jos C guard r	Los Angeles Directory Co.
	SMITH Conrad Josephine tailor h	Los Angeles Directory Co.
1924	SMITH Jos tailor r	Los Angeles Directory Co.
	SMITH Conrad tailor h	Los Angeles Directory Co.

3426 PASADENA AVE

Year	Uses	Source
1951	Pasadena Estrada John r	Pacific Telephone & Telegraph Co.
	Pasadena Martinez Chris r	Pacific Telephone & Telegraph Co.
	Pasadena Av Rath Victor O	Pacific Telephone & Telegraph Co.
1929	CLARK Henry H	Los Angeles Directory Co.
	CLARK Geo M sec Pulliam Rhode Investments Inc	Los Angeles Directory Co.
	CLARK Henry A adv L A Examiner	Los Angeles Directory Co.
1924	Swenson Edwd lab r	Los Angeles Directory Co.
	Swenson Cora cashr Bullocks r	Los Angeles Directory Co.
	DUGGAN Elmer cooper r	Los Angeles Directory Co.
	CLARK Henry H foremn h	Los Angeles Directory Co.
	CLARK Henry A real est r	Los Angeles Directory Co.
	CLARK Geo M lndry driver r	Los Angeles Directory Co.
	Biggerstaff Minnie wid W h	Los Angeles Directory Co.

3429 PASADENA AVE

Year	Uses	Source
1924	Skillen Eileen clk r	Los Angeles Directory Co.
	Skillen Edna N insp H W Lawson Mfg Co r	Los Angeles Directory Co.
	Skillen Doris clk r	Los Angeles Directory Co.
	Skillen Saml E buyer B E Dyas Co h	Los Angeles Directory Co.
	HUMPHREYS Doris V clk r	Los Angeles Directory Co.

FINDINGS

3430 PASADENA AVE

Year	Uses	Source
1951	Pasadena Av Burrola Isabel	Pacific Telephone & Telegraph Co.

3431 PASADENA AVE

Year	Uses	Source
1929	NEWBY Roy L Agnes wtchmn	Los Angeles Directory Co.
1924	DUNCAN Floyd plastr r	Los Angeles Directory Co.
	DUNCAN Jas plastr h	Los Angeles Directory Co.
	Duncan Carroll student r	Los Angeles Directory Co.

3434 PASADENA AVE

Year	Uses	Source
2000	XXXX	Haines & Company

3436 PASADENA AVE

Year	Uses	Source
1924	Shumway Amos W clk h	Los Angeles Directory Co.

3437 PASADENA AVE

Year	Uses	Source
1929	Wees Earl M Alma R collr L A G & E Corp r	Los Angeles Directory Co.
	Wees Milton E Marian miner h	Los Angeles Directory Co.
1924	Parmenter Jay G electr h	Los Angeles Directory Co.

3438 PASADENA AVE

Year	Uses	Source
1929	Shumway Amos W Jennie h	Los Angeles Directory Co.
	Shumway Amos W jr formn Batchelder Wilson Co r	Los Angeles Directory Co.
1924	Shumway Amos W jr r	Los Angeles Directory Co.

3439 PASADENA AVE

Year	Uses	Source
1924	LOS ANGELES ROCK & GRAVEL CO INC Henry W Hawley Pres Ray L Hawley V Pres Millard A Schweltzer Sec Treas	Los Angeles Directory Co.

3450 PASADENA AVE

Year	Uses	Source
2000	THAI Vinh	Haines & Company

FINDINGS

Year	Uses	Source
1951	Pasadena Av Kottek Garment & Lettering Co	Pacific Telephone & Telegraph Co.
	Pasadena Av Ots Bowling Shirts	Pacific Telephone & Telegraph Co.
1929	JOHNSON Albt E Lourina real est	Los Angeles Directory Co.

Pasadena Ave

3452 Pasadena Ave

Year	Uses	Source
2014	LIN FASHION INC	EDR Digital Archive

PASADENA AVE

3452 PASADENA AVE

Year	Uses	Source
2000	VT FASHION	Haines & Company
1990	VAN LEE SEWING	Pacific Bell

3454 PASADENA AVE

Year	Uses	Source
2006	HUANGRu	Haines Company, Inc.
	XUZhenyuan	Haines Company, Inc.
2000	MALDONADO Maria	Haines & Company
	MARTINEZ Imelda	Haines & Company
1990	MARTINEZ IMELDA P	Pacific Bell
	NAVA GABRIEL	Pacific Bell
	URQUILLA MARLENE	Pacific Bell
1986	DE AVILA SIMON	Pacific Bell
	MARTINEZ IMMELDA B	Pacific Bell
1981	RAMIREZ ISMAEL	Pacific Telephone
	RIVERA CONCEPCION	Pacific Telephone
1951	Pasadena Av	Pacific Telephone & Telegraph Co.
	Iob Germano R r	Pacific Telephone & Telegraph Co.
1929	LEWIS Ray baker	Los Angeles Directory Co.
	TRACY Lwis A Neta Perlve Geo Raynld Co h	Los Angeles Directory Co.
	WILLIAMS Roy E electn h	Los Angeles Directory Co.
	Lewinson Edw Sylvia Perfect Gas Regulator Co	Los Angeles Directory Co.

FINDINGS

3456 PASADENA AVE

Year	Uses	Source
2000	XXXX	Haines & Company
1990	DYNASTY FASHION	Pacific Bell
1986	HAI AU	Pacific Bell
1981	PILE WM PRINTING	Pacific Telephone
	MINI BUSINESS SERVICE	Pacific Telephone
1942	KOTTEK OVERALL LETTERING CO Fredk G Kottek Embroidery Machine Work on Coveralls Shirts and Smocks	Los Angeles Directory Co.
1937	KOTTEK OVERALL LETTERING CO Mrs Bessie Kottek Embroidery Machine Kork on Coveralls Shirts and Smocks	Los Angeles Directory Co.
1929	Perfect Gas Regulator Co Edw Lewinson L A Pracy	Los Angeles Directory Co.

3458 PASADENA AVE

Year	Uses	Source
1951	Pasadena Av Ernies Cafe	Pacific Telephone & Telegraph Co.

Pasadena Ave

3500 Pasadena Ave

Year	Uses	Source
2014	KING CITY AUTO ENTERPRISE INC	EDR Digital Archive
2010	KING CITY AUTO ENTERPRISE INC	EDR Digital Archive

PASADENA AVE

3500 PASADENA AVE

Year	Uses	Source
2006	REGISTRATION	Haines Company, Inc.
	SALES	Haines Company, Inc.
	SERVICE	Haines Company, Inc.
	DISCOUNTAUTO	Haines Company, Inc.
	WHOLESALE	Haines Company, Inc.
	ELPALACIOAUTO	Haines Company, Inc.
	GINAS	Haines Company, Inc.
2000	CASH AUTO BUYERS	Haines & Company
	K & N MOTORS	Haines & Company
	MARROQUIN LUIS A	Haines & Company
1990	CHUY CARBURETORS	Pacific Bell

FINDINGS

Year	Uses	Source
1986	CHUY CARBURETORS	Pacific Bell
1981	H & B CARBURETORS	Pacific Telephone
1929	SMITH Wm P Lucy clo clnr	Los Angeles Directory Co.
1924	SMITH Wm P clo clnr	Los Angeles Directory Co.

Pasadena Ave

3505 Pasadena Ave

Year	Uses	Source
2010	GARCIAS CUTTING SERVICE INC	EDR Digital Archive

PASADENA AVE

3505 PASADENA AVE

Year	Uses	Source
2000	WELCHS Cyril	Haines & Company
1990	WELCH S OVERALL CLEANING CO INC	Pacific Bell
	WELCH S UNIFORM RENTAL	Pacific Bell
1986	WELCH S UNIFORM RENTAL	Pacific Bell
	WELCH S OVERALL CLEANING CO INC SEE WELCH S UNIFORM RENTAL	Pacific Bell
1985	WELCH S UNIFORM RENTAL	Pacific Bell
1981	WEICH S UNIFORM RENTAL	Pacific Telephone
	WELCH S OVERALL CLEANING CO INC	Pacific Telephone
1980	WELCHS UNIFORM RENTAL PASADENA AVE LOS ANGELES	Pacific Telephone
1975	WELCHS INDUSTRIAL UNIFORM & WIPING	GTE
	TOWELS	GTE
1951	Pasadena Av Welsh Overall Clning Co Inc	Pacific Telephone & Telegraph Co.
	Pasadena Av Welchs Wiping Towel Serv	Pacific Telephone & Telegraph Co.
	Pasadena Av Welchs Overall Clning Co Inc	Pacific Telephone & Telegraph Co.
	Pasadena Av Welch Overall Clning Co Inc	Pacific Telephone & Telegraph Co.
	Pasadena Av Service Paper Towel	Pacific Telephone & Telegraph Co.
1942	WELCHS OVERALL AND UNIFORM CLEANING CO Why Buy We Supply Coveralls Shop Coats Pants Shirts Etc	Los Angeles Directory Co.
	Wiping Towel Dept	Los Angeles Directory Co.
1937	WELCHS OVERALL CLEANING CO INC M M Welch Pres and Genl Mgr Uniforms Only	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1933	WELCHS OVERALL CLEANING CO INC M M Welch Pres and Genl Mgr Uniforms Only	Los Angeles Directory Co.
1929	Welchs Overall Cleaning Co Inc M M Welchs L V Mc Donnell sec treas	Los Angeles Directory Co.
1924	Welchs Overall Laundry M M Welch	Los Angeles Directory Co.

3508 PASADENA AVE

Year	Uses	Source
1929	RILEY & Bragger T S Riley W J Bragger sign pntrs	Los Angeles Directory Co.

PASADENA ST

3505 PASADENA ST

Year	Uses	Source
1975	WELCHS INDUSTRIAL UNIFORM & WIPING TOWELS	Pacific Telephone
	WELCH S INDUSTRIAL UNIFORM & WIPING TOWELS	Pacific Telephone
1970	WELCHS INDUSTRIAL UNIFORM & WIPING TOWELS	Pacific Telephone
	WELCHS INDUSTRIAL UNIFORM & WIPING TOWELS	Pacific Telephone
1966	WELCH S INDUSTRIAL UNIFORM & WIPING TOWELS	Pacific Telephone
1962	WELCH S INDUSTRIAL UNIFORM & WIPING TOWELS	Pacific Telephone
1960	WELCHS INDUSTRIAL UNIFORM S & WIPING TOWELS	Pacific Telephone
1958	WELCHS OVERALL CLEANING CO INC	Pacific Telephone
	Pur O Serve Linen Supply Co	Pacific Telephone
	Block Leonard W Welchs Overall Clning Co Inc	Pacific Telephone
1957	WELCHS OVERALL CLEANING CO INC	Pacific Telephone

SMITH

3311 SMITH

Year	Uses	Source
1986	LOPEZ ADAN	Pacific Bell
1981	RAMIREZ ROSARIO	Pacific Telephone
1971	Quinn Martha B	Pacific Telephone
1967	Quinn Martha B	Pacific Telephone

Year	Uses	Source
1962	Hamilton Lena B	Pacific Telephone
	Quinn Martha B	Pacific Telephone
1942	Gimbrin Steph Isabel clk	Los Angeles Directory Co.
	Pentico Clarence E Betty driver	Los Angeles Directory Co.

3313 SMITH

Year	Uses	Source
1981	HERRERA FRANK S	Pacific Telephone
	HERRERA FRANK S	Pacific Telephone
1971	Mann Joyce V	Pacific Telephone
1967	Mann Joyce V	Pacific Telephone
1962	Mann Joyce V	Pacific Telephone
1942	Strawmatt Granville Eunice	Los Angeles Directory Co.

3314 SMITH

Year	Uses	Source
1981	GUTIERREZ JOSE	Pacific Telephone
1971	Vasquez Alex	Pacific Telephone
1967	Lara Pesugio	Pacific Telephone
1942	PAYNE Donald Willa mtrmn	Los Angeles Directory Co.

3315 SMITH

Year	Uses	Source
1986	BUSTOS CRLSTOVAL	Pacific Bell
1981	GOMEZ DAVID	Pacific Telephone
1971	Delgado Ralph S	Pacific Telephone
1967	Woods Lavinia	Pacific Telephone
1962	Woods Roy J	Pacific Telephone
	Woods Lavinia	Pacific Telephone
	Bojorquez Virginia	Pacific Telephone
1942	Cuppy Glenn L Nevada carmn SP Co	Los Angeles Directory Co.
	Portesi Louis V Elaine mach SP Co	Los Angeles Directory Co.

3316 SMITH

Year	Uses	Source
1981	VIDRIO DAVID	Pacific Telephone
1967	Leos Helen	Pacific Telephone
1962	Beserra Joe L	Pacific Telephone
1942	Ruiz Abr Lola plmbr	Los Angeles Directory Co.

FINDINGS

3329 SMITH

Year	Uses	Source
1986	TAMAYO MARIO	Pacific Bell
1981	TAMAYO MARIO	Pacific Telephone
1942	GONZALES Jacob Josephine meach	Los Angeles Directory Co.

3331 SMITH

Year	Uses	Source
1990	CALIXTO R & G	Pacific Bell
1986	COTERO OSCAR X	Pacific Bell
1971	Mendorff Frank	Pacific Telephone
1962	Dennon Dorothy B	Pacific Telephone

3401 SMITH

Year	Uses	Source
1990	CANO CLEMENCIA	Pacific Bell

3403 SMITH

Year	Uses	Source
1990	DEL CID ANA EUGENIA	Pacific Bell
1981	FELIX RAFAEL	Pacific Telephone
1962	De La Cruz Marcelina	Pacific Telephone
	De La Cruz Alfredo A	Pacific Telephone
1937	Cordy Duval L Evelyn auto mech	Los Angeles Directory Co.
1933	Keith Geo Ruth plater	Los Angeles Directory Co.

3405 SMITH

Year	Uses	Source
1981	HUERTA FRANCISCO C	Pacific Telephone
1971	Lara Rogelio	Pacific Telephone
1962	Ortiz Jim	Pacific Telephone
1942	MORRISON Jos Edith driver	Los Angeles Directory Co.
1937	BARTLETT Florence Mrs	Los Angeles Directory Co.
1933	Benck Henry C Anna C slsmn Western Dairy Products	Los Angeles Directory Co.

3409 SMITH

Year	Uses	Source
1990	VOONG CHIT CA	Pacific Bell
1971	Veloz Tony	Pacific Telephone
1967	Lopez Sergio	Pacific Telephone

Year	Uses	Source
1942	LARSON Elmer M Eliz carp	Los Angeles Directory Co.
1937	Vance Rufus M Nell lab	Los Angeles Directory Co.
1933	Dalton Carrie Mrs	Los Angeles Directory Co.

3311 1/2 SMITH

Year	Uses	Source
1986	VILLEGAS MARIO	Pacific Bell

3329 1/2 SMITH

Year	Uses	Source
1990	LOPEZ ERNESTO	Pacific Bell

3401 1/2 SMITH

Year	Uses	Source
1986	GOMEZ PATRICIA	Pacific Bell

SMITH ST

3310 SMITH ST

Year	Uses	Source
1958	Parra Lucy M	Pacific Telephone
1951	Smith Hollis Alfred Mrs r	Pacific Telephone & Telegraph Co.

3311 SMITH ST

Year	Uses	Source
2006	CHAMU Cecilia	Haines Company, Inc.
2000	PATRICKS MOVING CO	Haines & Company
	MOY Oi	Haines & Company
	MIRANDA Agraciano M	Haines & Company
1958	Quinn Martha B	Pacific Telephone
	Hamilton Lena B	Pacific Telephone
1951	Smith Cobine Richard R	Pacific Telephone & Telegraph Co.

3313 SMITH ST

Year	Uses	Source
2006	CHAMU Teresa	Haines Company, Inc.
2000	COVA Andrew	Haines & Company
1976	Valerio Bernardo S Sr	Pacific Telephone
1951	Smith Strawmatt Granville E r	Pacific Telephone & Telegraph Co.

FINDINGS

3314 SMITH ST

Year	Uses	Source
2000	XXXX	Haines & Company

3315 SMITH ST

Year	Uses	Source
1976	Delgado Ralph S	Pacific Telephone
1958	Mann Joyce V	Pacific Telephone

3316 SMITH ST

Year	Uses	Source
2006	No Current Listing	Haines Company, Inc.
2000	SALINAS Esther	Haines & Company

3317 SMITH ST

Year	Uses	Source
1958	Hernandez Francisca	Pacific Telephone

3329 SMITH ST

Year	Uses	Source
2000	XXXX	Haines & Company
1951	Smith Apodaca Floyd r	Pacific Telephone & Telegraph Co.

3331 SMITH ST

Year	Uses	Source
2006	No Current Listing	Haines Company, Inc.
1976	Bentancourt Jessie	Pacific Telephone
1958	Bianes Joe B	Pacific Telephone
1951	Smith Horras P A prntng	Pacific Telephone & Telegraph Co.

3333 SMITH ST

Year	Uses	Source
1958	Gulliver Lulu Grace Mrs	Pacific Telephone
1951	Smith Gulliver Lulu Grace Mrs r	Pacific Telephone & Telegraph Co.

3400 SMITH ST

Year	Uses	Source
2000	XXXX	Haines & Company
1958	Bernstein Belle	Pacific Telephone
1951	Smith Turner Jos Walter r	Pacific Telephone & Telegraph Co.

FINDINGS

3401 SMITH ST

Year	Uses	Source
2006	DELOS Santos Isaac	Haines Company, Inc.
	GALVAN Maria	Haines Company, Inc.
	Eleanor	Haines Company, Inc.

3403 SMITH ST

Year	Uses	Source
2006	No Current Listing	Haines Company, Inc.
2000	CHEN Shiann	Haines & Company
	ROSALES Adela	Haines & Company

3405 SMITH ST

Year	Uses	Source
2000	XXXX	Haines & Company
1976	Luevanos M	Pacific Telephone
1951	Smith Davis John F r	Pacific Telephone & Telegraph Co.

3407 SMITH ST

Year	Uses	Source
2006	No Current Listing	Haines Company, Inc.
2000	GOMEZ Jesus	Haines & Company
1976	Nevarrez Alejandro	Pacific Telephone
1951	Smith Radio E B r	Pacific Telephone & Telegraph Co.

3409 SMITH ST

Year	Uses	Source
2000	XXXX	Haines & Company
1976	Luevanos Vicente	Pacific Telephone
1951	Smith Dierker Omer r	Pacific Telephone & Telegraph Co.

3431 SMITH ST

Year	Uses	Source
1958	Nieto Eustolia	Pacific Telephone
	Burrola Isabel	Pacific Telephone
1951	Smith Nieto Eustolia r	Pacific Telephone & Telegraph Co.

FINDINGS

W 33

114 W 33

Year	Uses	Source
1990	DIAZ JULIO	Pacific Bell

211 W 33

Year	Uses	Source
1990	RUSSING ENGINEERING PRECISION MACHINING	Pacific Bell

216 W 33

Year	Uses	Source
1990	STONE DICK	Pacific Bell

220 W 33

Year	Uses	Source
1986	WHITNEY ODIA	Pacific Bell
1981	WHITNEY ODIA	Pacific Telephone

232 W 33

Year	Uses	Source
1986	BELTRAN BENJAMIN	Pacific Bell

311 W 33

Year	Uses	Source
1990	G & G AIR CONDITIONING INC	Pacific Bell
	G & G SERVICE INC	Pacific Bell

315 W 33

Year	Uses	Source
1990	VU TAI VAN	Pacific Bell
1986	WAYNE S WOOD CARVING	Pacific Bell
1981	WAYNE S WOOD CARVING	Pacific Telephone
1960	SANDCAST FOUNDRY	Pacific Telephone
	SANDCAST FOUNDRY	Pacific Telephone

W 34

116 W 34

Year	Uses	Source
1990	HERRERA V G	Pacific Bell

FINDINGS

129 W 34

Year	Uses	Source
1981	CAMOUFLAGE FABRICS & WALL COVERING INC	Pacific Telephone

130 W 34

Year	Uses	Source
1990	RIVERA CARMEN	Pacific Bell

134 W 34

Year	Uses	Source
1986	ISHIZAKI STUDIOS	Pacific Bell

138 W 34

Year	Uses	Source
1990	ARGUS TOOL MANUFACTURING FIRE EQUIP	Pacific Bell

166 W 34

Year	Uses	Source
1990	SMART SAVER	Pacific Bell

170 W 34

Year	Uses	Source
1990	COVA IGNACIO AUTO REPRNG	Pacific Bell

W AVENUE 33

114 W AVENUE 33

Year	Uses	Source
2006	o ABREGOMardo	Haines Company, Inc.
	CARDOZA Rafael	Haines Company, Inc.

118 W AVENUE 33

Year	Uses	Source
2006	ABREGOOscar	Haines Company, Inc.

W Avenue 33

119 W Avenue 33

Year	Uses	Source
2014	ADINOFF INC	EDR Digital Archive
2010	ADINOFF INC	EDR Digital Archive

FINDINGS

W AVENUE 33

201 W AVENUE 33

Year	Uses	Source
2006	JIMENEZArturo	Haines Company, Inc.

211 W AVENUE 33

Year	Uses	Source
2006	NAM LEEINC	Haines Company, Inc.

214 W AVENUE 33

Year	Uses	Source
2006	Hector	Haines Company, Inc.
	SPARKENBACH	Haines Company, Inc.

215 W AVENUE 33

Year	Uses	Source
2006	SALAZAR Frank	Haines Company, Inc.

220 W AVENUE 33

Year	Uses	Source
2006	No Current Listing	Haines Company, Inc.

W Avenue 33

311 W Avenue 33

Year	Uses	Source
2014	G & G AIR CONDITIONING INC	EDR Digital Archive
2010	G & G AIR CONDITIONING INC	EDR Digital Archive
	G & G SERVICE INC	EDR Digital Archive

W AVENUE 33

311 W AVENUE 33

Year	Uses	Source
2006	CONDITIONING INC	Haines Company, Inc.
	G & G SERVICE INC	Haines Company, Inc.
	G & G AIR	Haines Company, Inc.

FINDINGS

W AVENUE 34

116 W AVENUE 34

Year	Uses	Source
2006	HERRERA V G	Haines Company, Inc.

118 W AVENUE 34

Year	Uses	Source
2006	MORALES Juan F	Haines Company, Inc.
	o HERRERAVera	Haines Company, Inc.

W Avenue 34

130 W Avenue 34

Year	Uses	Source
2014	THANKSGIVING INC	EDR Digital Archive
2010	THANKSGIVING INC	EDR Digital Archive

W AVENUE 34

130 W AVENUE 34

Year	Uses	Source
2006	00X	Haines Company, Inc.

W Avenue 34

134 W Avenue 34

Year	Uses	Source
2014	VGA APPAREL INC	EDR Digital Archive
2010	A C W APPAREL	EDR Digital Archive
	GML APPAREL INC	EDR Digital Archive

W AVENUE 34

134 W AVENUE 34

Year	Uses	Source
2006	PTS APPAREL INC	Haines Company, Inc.

FINDINGS

W Avenue 34

138 W Avenue 34

Year	Uses	Source
2010	TERES FASHIONS INC	EDR Digital Archive

W AVENUE 34

138 W AVENUE 34

Year	Uses	Source
2006	LASVILLAS	Haines Company, Inc.
	TERES FASHION	Haines Company, Inc.

140 W AVENUE 34

Year	Uses	Source
2006	BARRIOS David	Haines Company, Inc.

W Avenue 34

164 W Avenue 34

Year	Uses	Source
2014	WATER LAND INC	EDR Digital Archive
2010	WATER LAND INC	EDR Digital Archive

W AVENUE 34

166 W AVENUE 34

Year	Uses	Source
2006	WATERLANDINC	Haines Company, Inc.

FINDINGS

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

Address Researched	Address Not Identified in Research Source
102 AVENUE 35 E	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
104 AVENUE 33 E	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
104 E AVENUE 33	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
106 AVENUE 33 E	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
106 E 33	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
106 E AVENUE 33	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
107 AVENUE 35 E	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
107 E 35	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
107 E AVENUE 35	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
110 AVENUE 33 E	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
110 E 33	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
110 E AVENUE 33	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
114 W 33	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
114 W AVENUE 33	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
116 AVENUE 34 W	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
116 W 34	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
116 W AVENUE 34	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
118 AVENUE 33 E	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
118 AVENUE 34 W	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
118 E AVENUE 33	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
118 W AVENUE 33	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
118 W AVENUE 34	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
119 W Avenue 33	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
120 AVENUE 33 E	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
120 AVENUE 34 W	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
120 AVENUE 35 E	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
120 E 35	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
120 E AVENUE 33	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
120 E AVENUE 35	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
120 E Avenue 35	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
121 AVENUE 33 E	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
121 AVENUE 35 E	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
121 E 33	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
121 E AVENUE 33	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
121 E AVENUE 35	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
123 AVENUE 35 E	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
123 E AVENUE 35	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
124 AVENUE 33 E	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
125 AVENUE 35 E	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
125 E 35	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
125 E AVENUE 35	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
127 AVENUE 34 W	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
129 AVENUE 34 W	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
129 AVENUE 35 E	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
129 E 35	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
129 E AVENUE 35	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
129 W 34	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
130 W 34	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
130 W AVENUE 34	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
130 W Avenue 34	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
131 AVENUE 35 E	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
131 E 35	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
134 AVENUE 34 W	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
134 W 34	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
134 W AVENUE 34	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
134 W Avenue 34	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
135 AVENUE 35 E	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
135 E 35	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
135 E AVENUE 35	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
136 AVENUE 34 W	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
138 AVENUE 34 W	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
138 W 34	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
138 W AVENUE 34	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
138 W Avenue 34	2014, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
139 AVENUE 35 E	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
139 E 35	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
139 E AVENUE 35	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
140 AVENUE 34 W	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
140 W AVENUE 34	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
141 AVENUE 35 E	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
141 E 35	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
145 AVENUE 35 E	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
145 E 35	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
145 E AVENUE 35	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
164 AVENUE 34 W	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
164 W Avenue 34	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
166 AVENUE 34 W	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
166 W 34	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
166 W AVENUE 34	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
170 AVENUE 34 W	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
170 W 34	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
201 W AVENUE 33	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
211 W 33	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
211 W AVENUE 33	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
214 AVENUE 33 W	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
214 W AVENUE 33	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
215 W AVENUE 33	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
216 AVENUE 33 W	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
216 W 33	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
220 AVENUE 33 W	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
220 W 33	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
220 W AVENUE 33	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
232 W 33	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
252 AVENUE 34 W	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
307 AVENUE 33 W	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
311 AVENUE 33 W	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
311 W 33	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
311 W AVENUE 33	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
311 W Avenue 33	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
315 AVENUE 33 W	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
315 W 33	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3223 PASADENA AVE	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
3225 PASADENA	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3225 PASADENA AVE	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
3227 PASADENA AVE	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
3228 PASADENA AVE	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3229 PASADENA AVE	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
3231 PASADENA AVE	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
3239 PASADENA AVE	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3251 PASADENA AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3280 PASADENA AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
3298 HUMBOLDT ST	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3300 PASADENA AVE	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3302 PASADENA AVE	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3302 Pasadena Ave	2014, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3304 PASADENA AVE	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3305 PASADENA AVE	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3305 Pasadena Ave	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3307 Pasadena Ave	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
3307 PASADENA AVE	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
3310 SMITH ST	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3311 1/2 SMITH	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3311 PASADENA AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
3311 SMITH	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1985, 1980, 1976, 1975, 1972, 1970, 1969, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3311 SMITH ST	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3313 SMITH	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1980, 1976, 1975, 1972, 1970, 1969, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3313 SMITH ST	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3314 SMITH	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1980, 1976, 1975, 1972, 1970, 1969, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3314 SMITH ST	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3315 PASADENA AVE	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
3315 SMITH	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1985, 1980, 1976, 1975, 1972, 1970, 1969, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3315 SMITH ST	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3316 SMITH	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3316 SMITH ST	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3317 SMITH ST	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3320 PASADENA AVE	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3321 PASADENA AVE	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1985, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
3323 PASADENA AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
3326 GRIFFIN AVE	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3326 PASADENA AVE	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
3328 PASADENA AVE	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
3328 Pasadena Ave	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3329 1/2 SMITH	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3329 GRIFFIN AVE	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1985, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3329 SMITH	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3329 SMITH ST	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3331 GRIFFIN AVE	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3331 SMITH	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1985, 1981, 1980, 1976, 1975, 1972, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3331 SMITH ST	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3332 PASADENA AVE	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
3332 Pasadena Ave	2014, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3333 GRIFFIN AVE	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
3333 SMITH ST	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3337 GRIFFIN AVE	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3339 1/2 GRIFFIN AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3339 GRIFFIN AVE	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3341 GRIFFIN AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3343 GRIFFIN AVE	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3347 GRIFFIN AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3349 GRIFFIN AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3400 SMITH ST	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3401 1/2 SMITH	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3401 SMITH	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
3401 SMITH ST	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3403 SMITH	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3403 SMITH ST	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3405 SMITH	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1980, 1976, 1975, 1972, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3405 SMITH ST	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3406 PASADENA AVE	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3407 PASADENA AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
3407 SMITH ST	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3409 PASADENA AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
3409 SMITH	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1970, 1969, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3409 SMITH ST	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
3411 PASADENA AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3412 PASADENA AVE	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3412 Pasadena Ave	2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3414 PASADENA AVE	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
3417 PASADENA AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3418 PASADENA AVE	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3419 PASADENA AVE	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
3420 PASADENA AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
3421 PASADENA AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3423 PASADENA AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
3424 PASADENA AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
3425 PASADENA AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
3426 PASADENA AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
3427 1/2 MARMION WAY	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3427 3/4 MARMION WAY	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3427 MARMION WAY	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1985, 1980, 1975, 1972, 1970, 1969, 1966, 1965, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
3429 MARMION WAY	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3429 PASADENA AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
3430 PASADENA AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3431 MARMION WAY	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1980, 1975, 1972, 1970, 1969, 1966, 1965, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
3431 PASADENA AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
3431 SMITH ST	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
3434 PASADENA AVE	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3435 MARMION WAY	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1980, 1975, 1972, 1970, 1969, 1966, 1965, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
3436 PASADENA AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
3437 MARMION WAY	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
3437 PASADENA AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
3438 PASADENA AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
3439 1/2 MARMION WAY	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3439 1/4 MARMION WAY	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3439 1/4 MARMON WAY	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3439 MARMION WAY	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1980, 1975, 1972, 1970, 1969, 1966, 1965, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3439 PASADENA AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
3441 MARMION WAY	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
3443 MARMION WAY	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3445 E MARMION WAY	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3445 MARMION WAY	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3447 MARMION WAY	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1985, 1980, 1975, 1972, 1971, 1970, 1969, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3449 MARMION WAY	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3450 PASADENA AVE	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3451 MARMION WAY	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
3452 PASADENA AVE	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3452 Pasadena Ave	2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3454 PASA DENA AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
3454 PASADENA AVE	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3455 MARMION WAY	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1966, 1965, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
3456 PASADENA AVE	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3458 PASADENA AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3459 MARMION WAY	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1980, 1976, 1975, 1972, 1970, 1969, 1966, 1965, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
3461 MARMION WAY	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1985, 1980, 1976, 1975, 1972, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
3463 MARMION WAY	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3467 1/2 MARMION WAY	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3467 MARMON WAY	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3500 PASADENA AVE	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
3500 Pasadena Ave	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
3505 Pasadena Ave	2014, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3505 PASADENA AVE	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
3505 PASADENA ST	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1969, 1967, 1965, 1964, 1963, 1961, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3508 PASADENA AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
403 AVENUE 33 W	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
420 AVENUE 33 W	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

Address Researched	Address Not Identified in Research Source
135 141 153 West Avenue 34; 3401 3433 Pasadena Ave	2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1985, 1980, 1976, 1975, 1972, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920

135 141 153 West Avenue 34 3401 3433 Pasadena Ave

135 141 153 West Avenue 34 3401 3433 Pasadena Ave

Los Angeles, CA 90031

Inquiry Number: 5694144.3

June 24, 2019

Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

06/24/19

Site Name:

135 141 153 West Avenue 34
135 141 153 West Avenue 34
Los Angeles, CA 90031
EDR Inquiry # 5694144.3

Client Name:

Fulcrum Resources Environmental
517 S. Ivy Avenue
MONROVIA, CA 91016
Contact: Rose Mireles

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Fulcrum Resources Environmental were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # A9FB-40E5-B885

PO # NA

Project 201906-5738 ESAI

Maps Provided:

1970
1951
1920
1906

Sanborn® Library search results

Certification #: A9FB-40E5-B885

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☑ Library of Congress
- ☑ University Publications of America
- ☑ EDR Private Collection

The Sanborn Library LLC Since 1866™

Limited Permission To Make Copies

Fulcrum Resources Environmental (the client) is permitted to make up to FIVE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2019 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

Sanborn Sheet Key

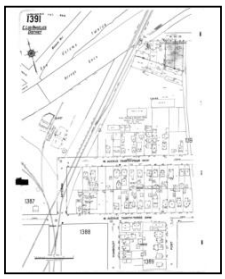
This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1970 Source Sheets

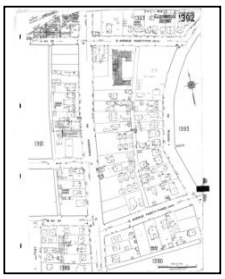
Volume 13, Sheet 1391
1970

Volume 13, Sheet 1392
1970

1951 Source Sheets

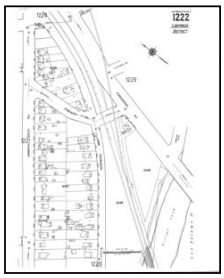


Volume 13, Sheet 1391
1951



Volume 13, Sheet 1392
1951

1920 Source Sheets



Volume 12, Sheet 1222
1920

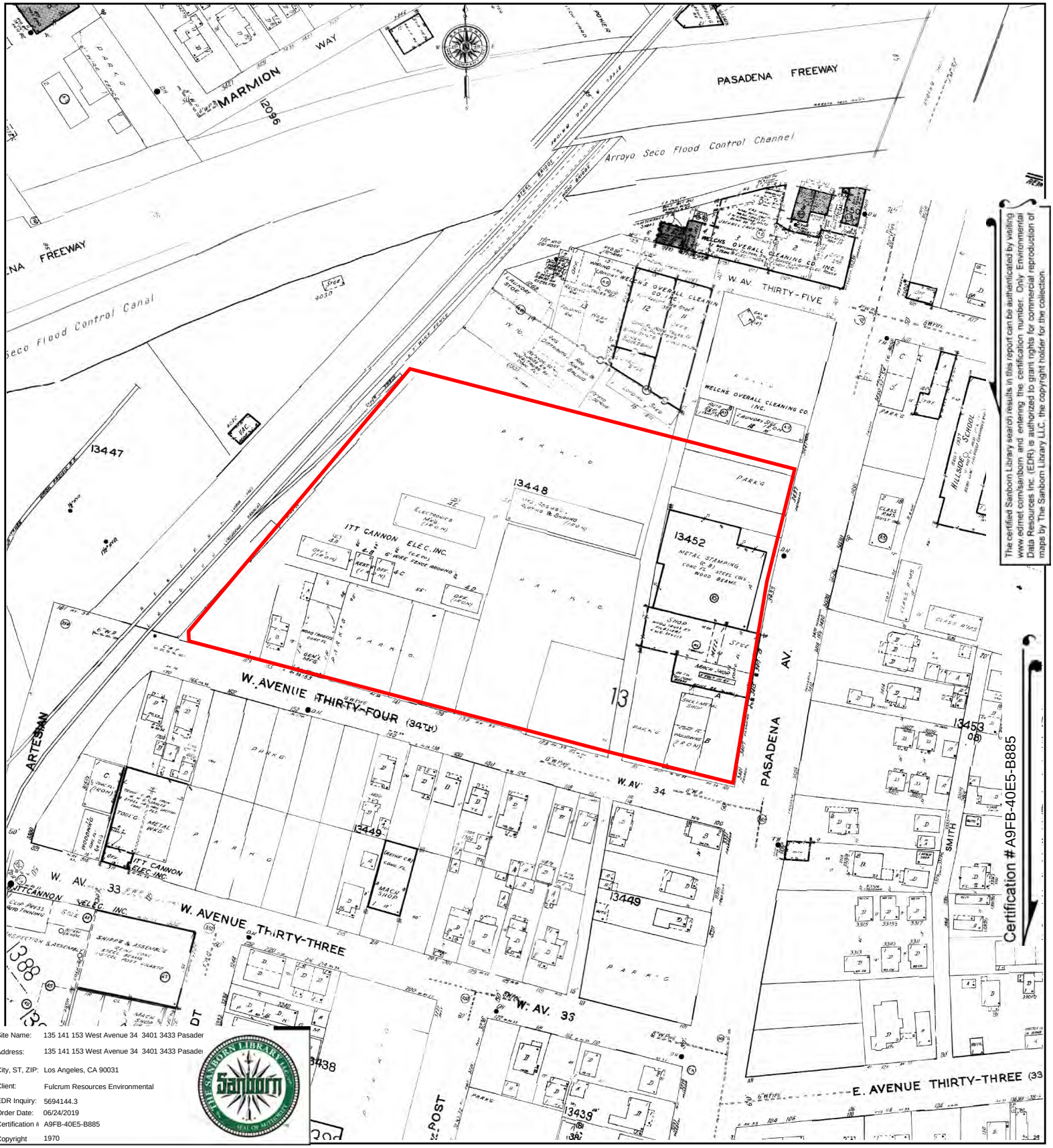
Volume 13, Sheet 1391
1920

Volume 13, Sheet 1392
1920

1906 Source Sheets

Volume 4, Sheet 381
1906

Volume 4, Sheet 382
1906

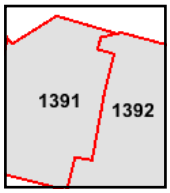


The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Site Name:	135 141 153 West Avenue 34 3401 3433 Pasader
Address:	135 141 153 West Avenue 34 3401 3433 Pasader
City, ST, ZIP:	Los Angeles, CA 90031
Client:	Fulcrum Resources Environmental
EDR Inquiry:	5694144.3
Order Date:	06/24/2019
Certification #	A9FB-40E5-B885
Copyright	1970

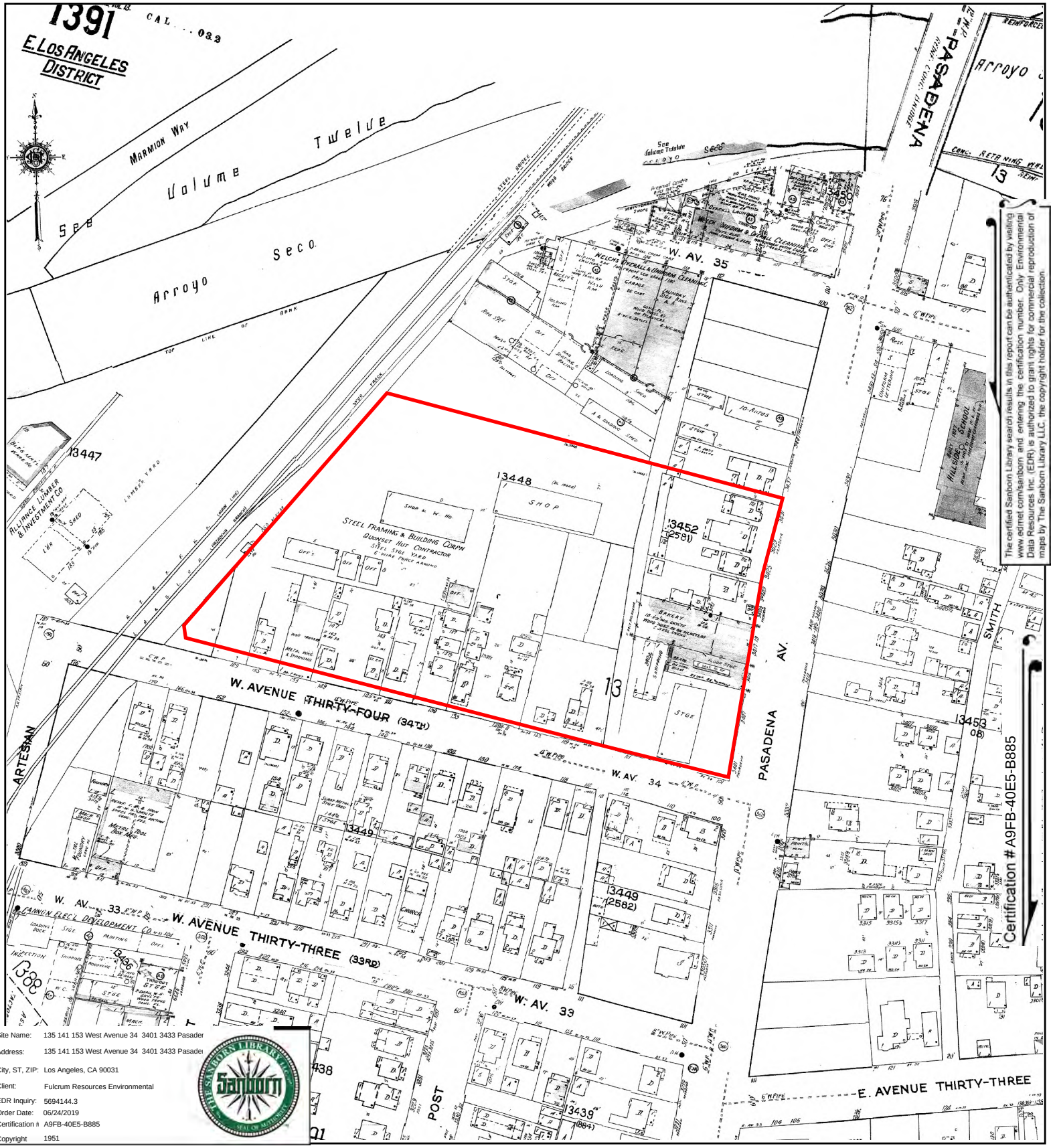
This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

0 Feet 150 300 600



Volume 13, Sheet 1392
Volume 13, Sheet 1391

N

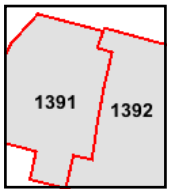


The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Site Name:	135 141 153 West Avenue 34 3401 3433 Pasader
Address:	135 141 153 West Avenue 34 3401 3433 Pasader
City, ST, ZIP:	Los Angeles, CA 90031
Client:	Fulcrum Resources Environmental
EDR Inquiry:	5694144.3
Order Date:	06/24/2019
Certification #	A9FB-40E5-B885
Copyright	1951

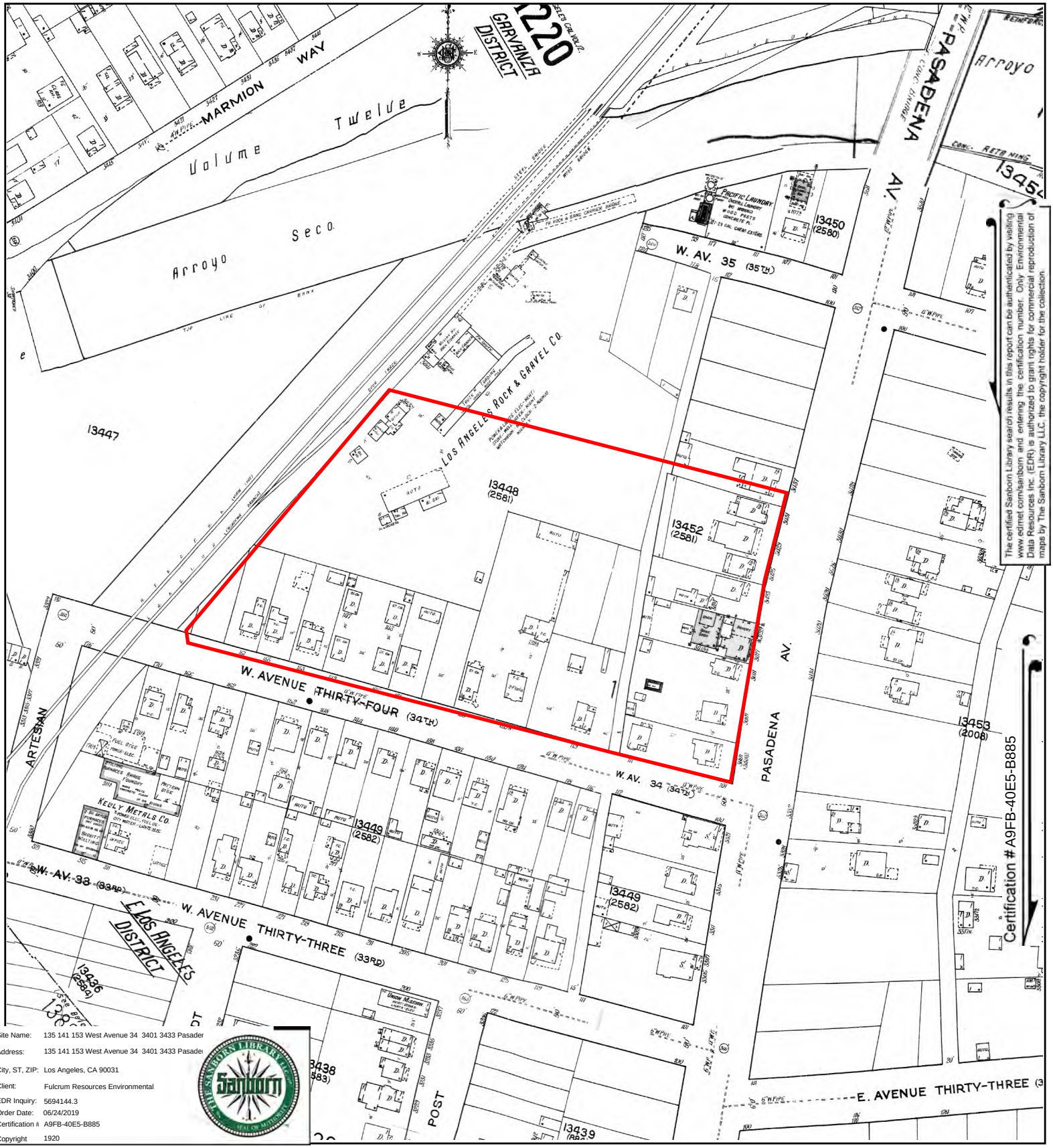
This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

0 Feet 150 300 600



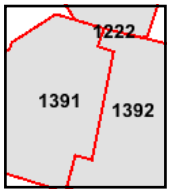
Volume 13, Sheet 1392
Volume 13, Sheet 1391

N



Site Name:	135 141 153 West Avenue 34 3401 3433 Pasader
Address:	135 141 153 West Avenue 34 3401 3433 Pasader
City, ST, ZIP:	Los Angeles, CA 90031
Client:	Fulcrum Resources Environmental
EDR Inquiry:	5694144.3
Order Date:	06/24/2019
Certification #	A9FB-40E5-B885
Copyright	1920

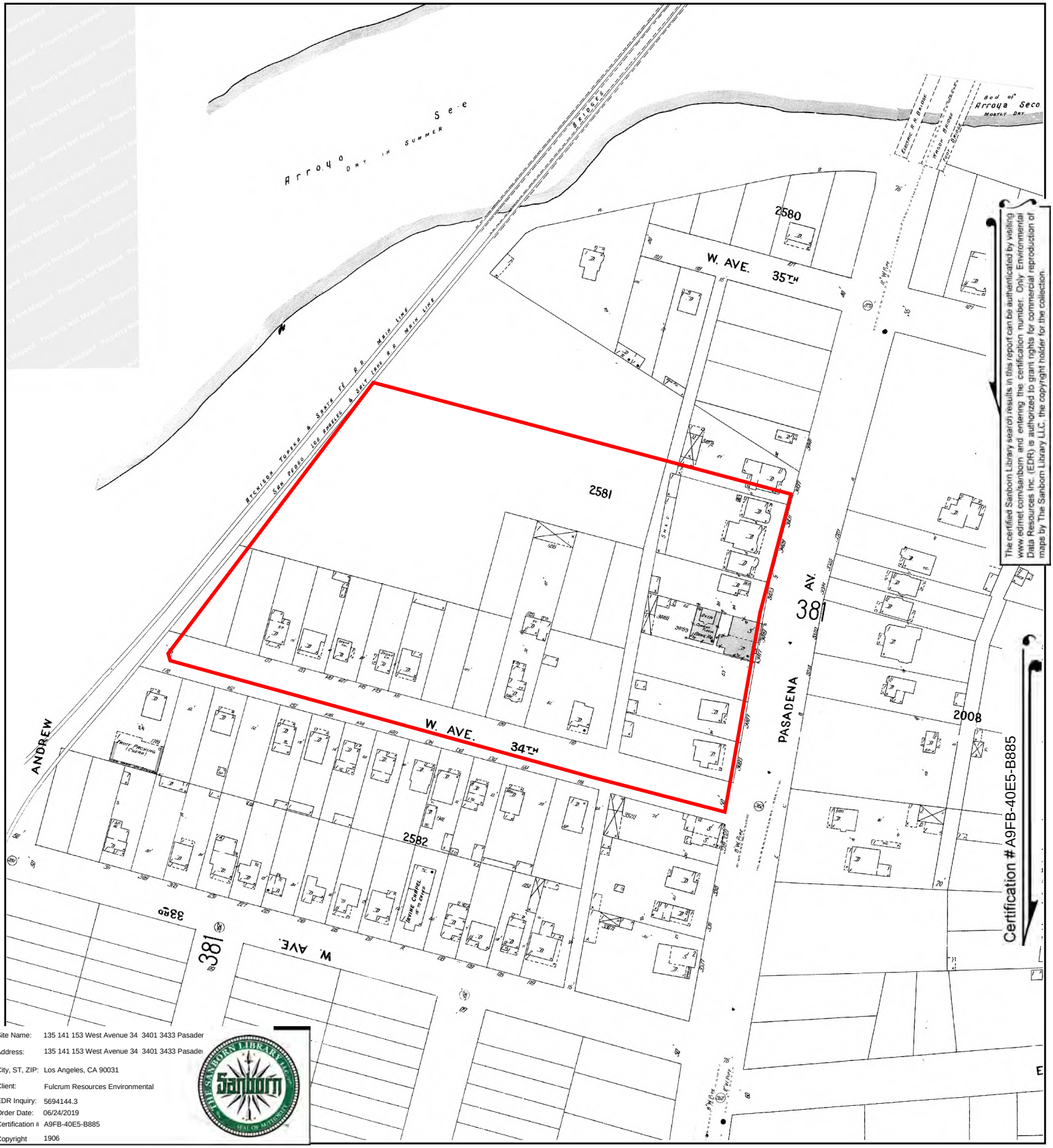
This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.



Volume 13, Sheet 1392
Volume 13, Sheet 1391
Volume 12, Sheet 1222

0 Feet 150 300 600

N

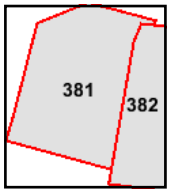


The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Site Name:	135 141 153 West Avenue 34 3401 3433 Pasader
Address:	135 141 153 West Avenue 34 3401 3433 Pasader
City, ST, ZIP:	Los Angeles, CA 90031
Client:	Fulcrum Resources Environmental
EDR Inquiry:	5694144.3
Order Date:	06/24/2019
Certification #	A9FB-40E5-B885
Copyright	1906

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

0 Feet 150 300 600



Volume 4, Sheet 382
Volume 4, Sheet 381

N

135 141 153 West Avenue 34; 3401 3433 Pasadena Ave

135 141 153 West Avenue 34; 3401 3433 Pasadena Ave

Los Angeles, CA 90031

Inquiry Number: 5694144.4

June 24, 2019

EDR Historical Topo Map Report

with QuadMatch™

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topo Map Report

06/24/19

Site Name:

135 141 153 West Avenue 34;
135 141 153 West Avenue 34;
Los Angeles, CA 90031
EDR Inquiry # 5694144.4

Client Name:

Fulcrum Resources Environmental
517 S. Ivy Avenue
MONROVIA, CA 91016
Contact: Rose Mireles

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Fulcrum Resources Environmental were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:

P.O.# NA
Project: 201906-5738 ESAI

Coordinates:

Latitude:	34.08475 34° 5' 5" North
Longitude:	-118.21431 -118° 12' 52" West
UTM Zone:	Zone 11 North
UTM X Meters:	387969.45
UTM Y Meters:	3772218.33
Elevation:	371.45' above sea level

Maps Provided:

2012
1994
1981
1972
1966
1953
1926, 1928
1900
1896
1894

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2019 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2012 Source Sheets

Los Angeles
2012
7.5-minute, 24000

1994 Source Sheets

Los Angeles
1994
7.5-minute, 24000
Aerial Photo Revised 1978

1981 Source Sheets

Los Angeles
1981
7.5-minute, 24000
Aerial Photo Revised 1978

1972 Source Sheets

Los Angeles
1972
7.5-minute, 24000
Aerial Photo Revised 1972

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1966 Source Sheets

Los Angeles
1966
7.5-minute, 24000
Aerial Photo Revised 1964

1953 Source Sheets

Los Angeles
1953
7.5-minute, 24000
Aerial Photo Revised 1952

1926, 1928 Source Sheets

Alhambra
1926
7.5-minute, 24000

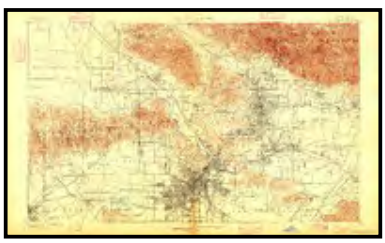
Altadena
1928
7.5-minute, 24000

Glendale
1928
7.5-minute, 24000

Los Angeles
1928
7.5-minute, 24000

1900 Source Sheets

Pasadena
1900
15-minute, 62500



Los Angeles
1900
15-minute, 62500

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1896 Source Sheets

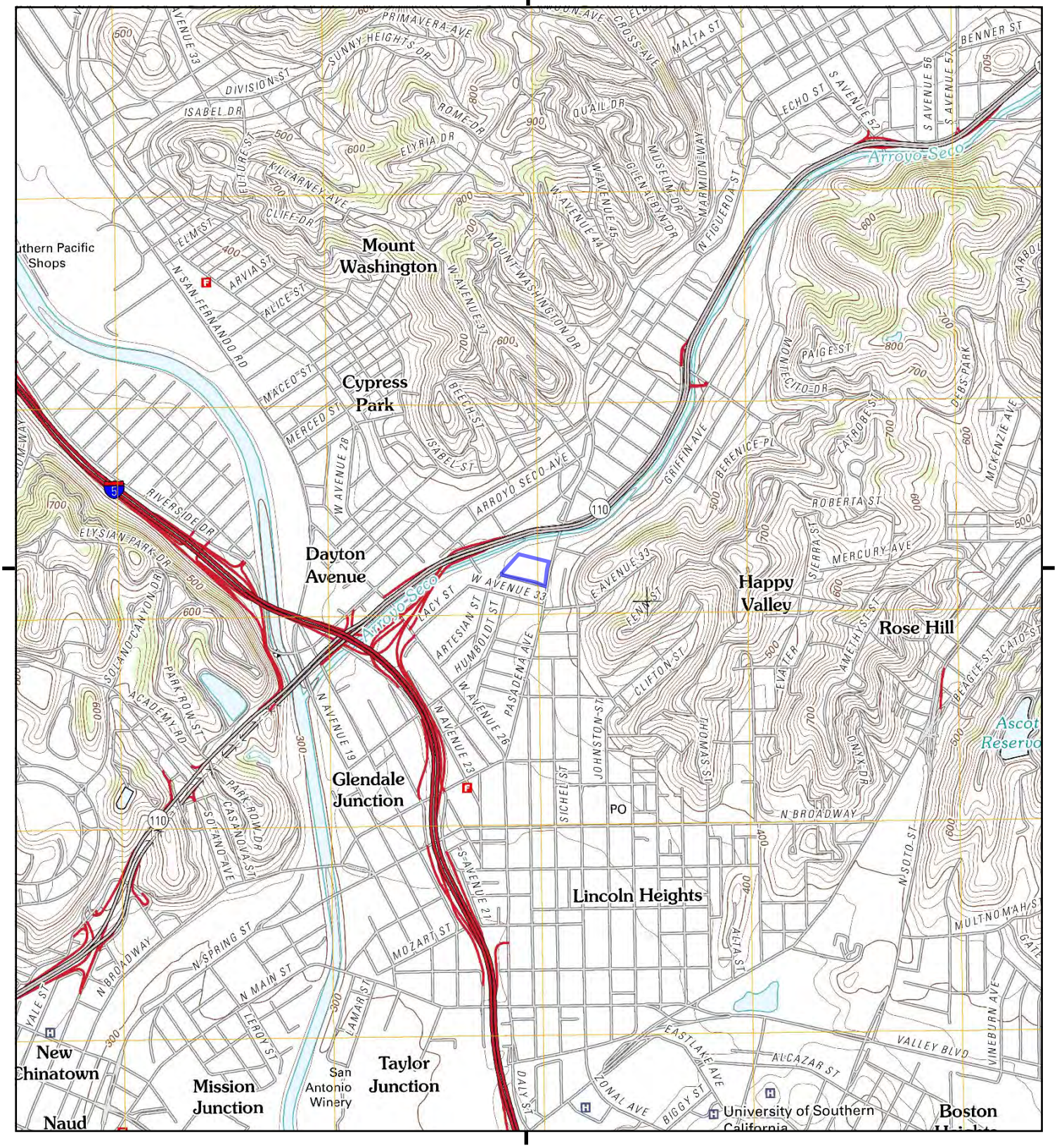
Pasadena
1896
15-minute, 62500

1894 Source Sheets

Los Angeles
1894
15-minute, 62500

Historical Topo Map

2012



This report includes information from the following map sheet(s).

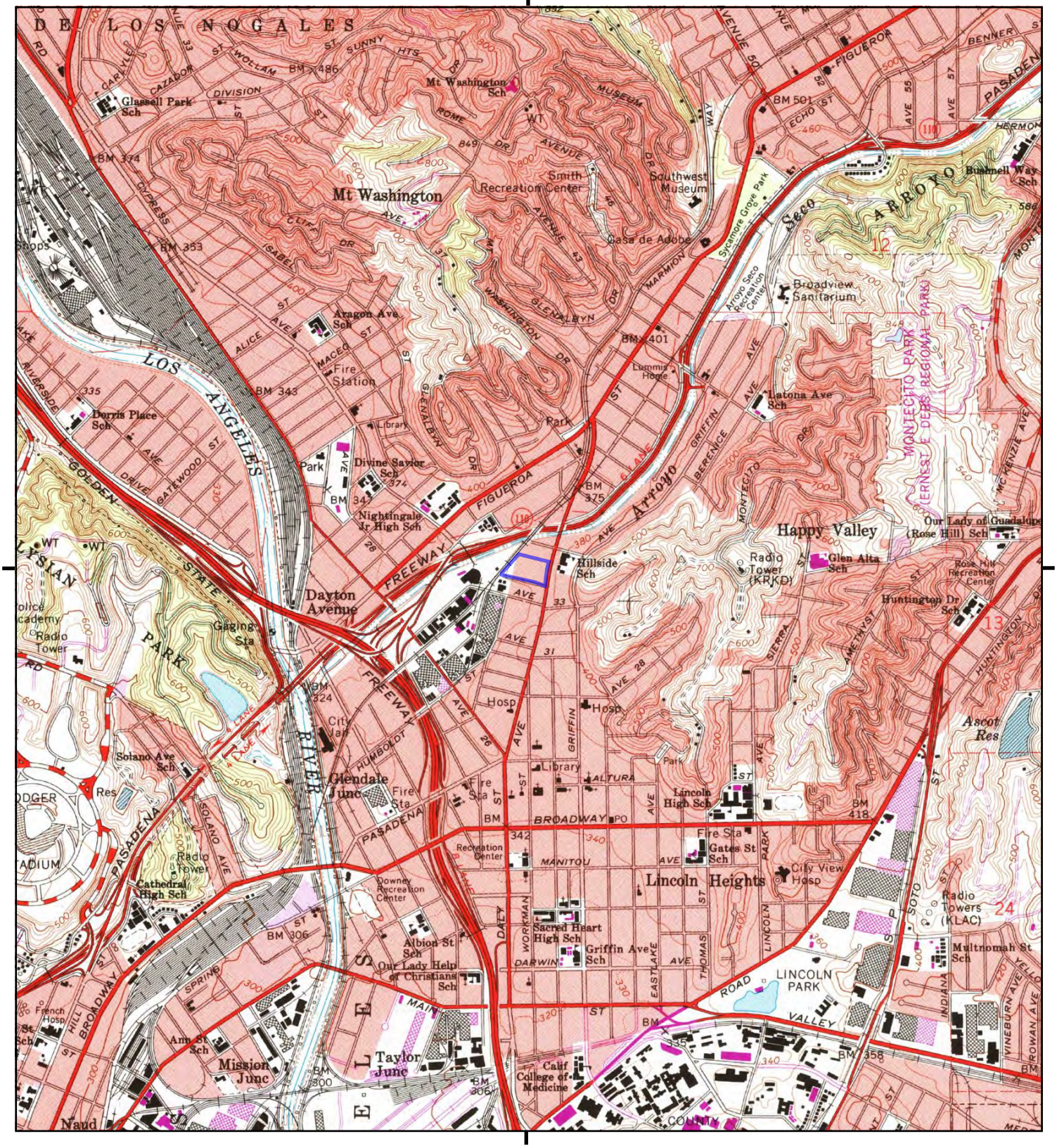
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Los Angeles, 2012, 7.5-minute

SITE NAME: 135 141 153 West Avenue 34; 3401 3433
ADDRESS: 135 141 153 West Avenue 34; 3401 3433
Los Angeles, CA 90031
CLIENT: Fulcrum Resources Environmental

N



This report includes information from the following map sheet(s).

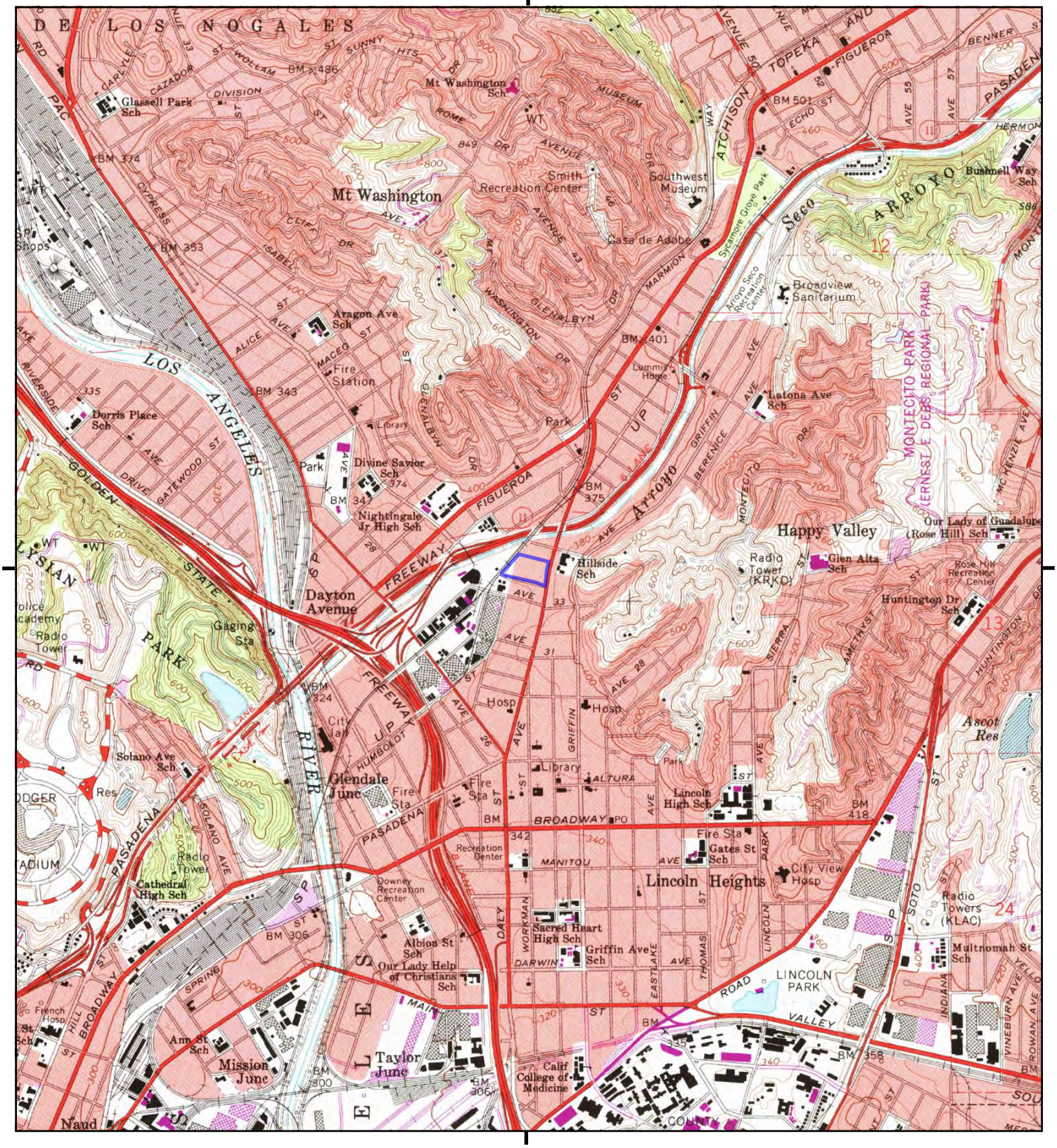
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Los Angeles, 1994, 7.5-minute

SITE NAME: 135 141 153 West Avenue 34; 3401 3433
ADDRESS: 135 141 153 West Avenue 34; 3401 3433
Los Angeles, CA 90031
CLIENT: Fulcrum Resources Environmental

N



This report includes information from the following map sheet(s).

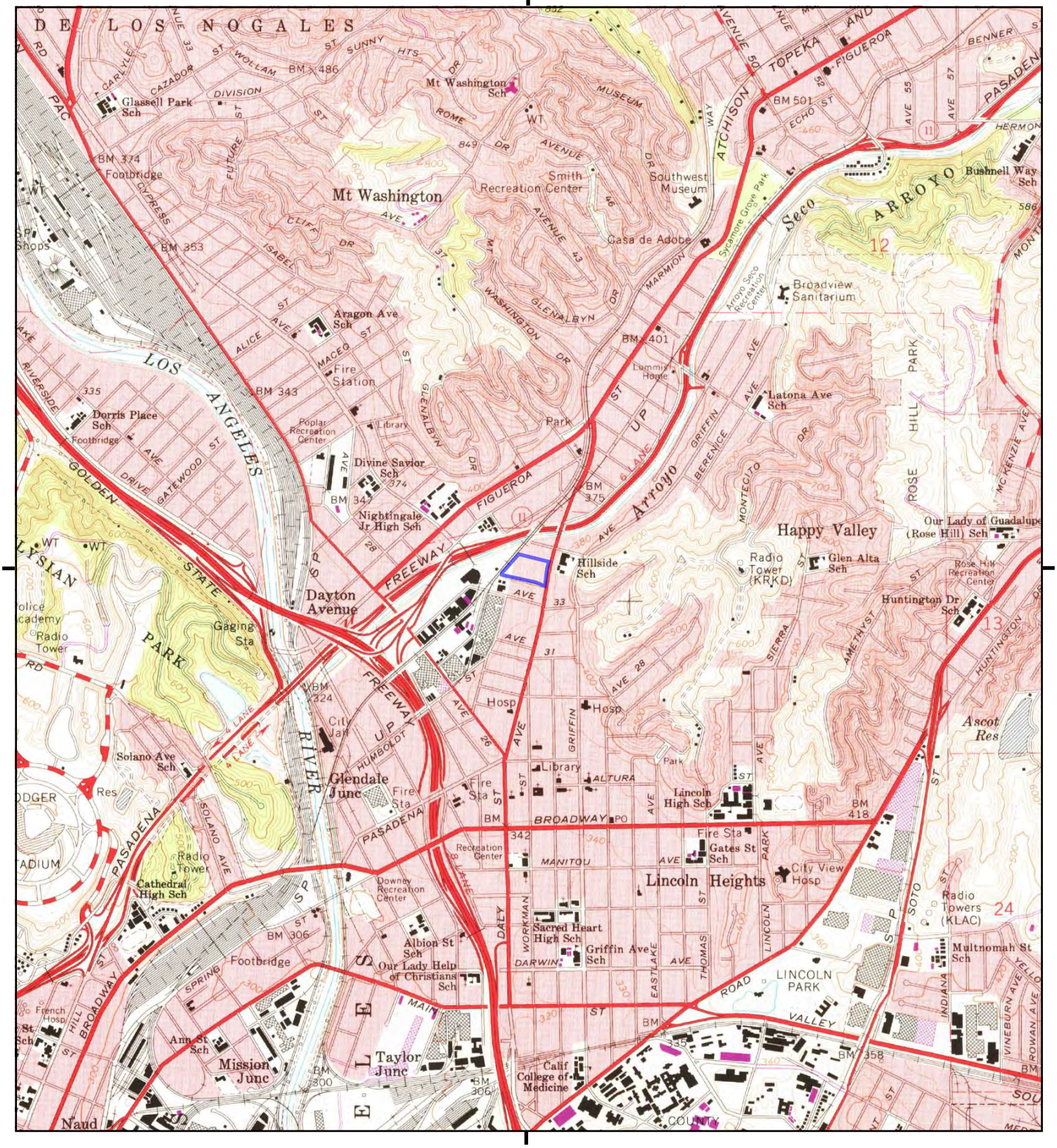
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Los Angeles, 1981, 7.5-minute

SITE NAME: 135 141 153 West Avenue 34; 3401 3433
ADDRESS: 135 141 153 West Avenue 34; 3401 3433
Los Angeles, CA 90031
CLIENT: Fulcrum Resources Environmental

N



This report includes information from the following map sheet(s).

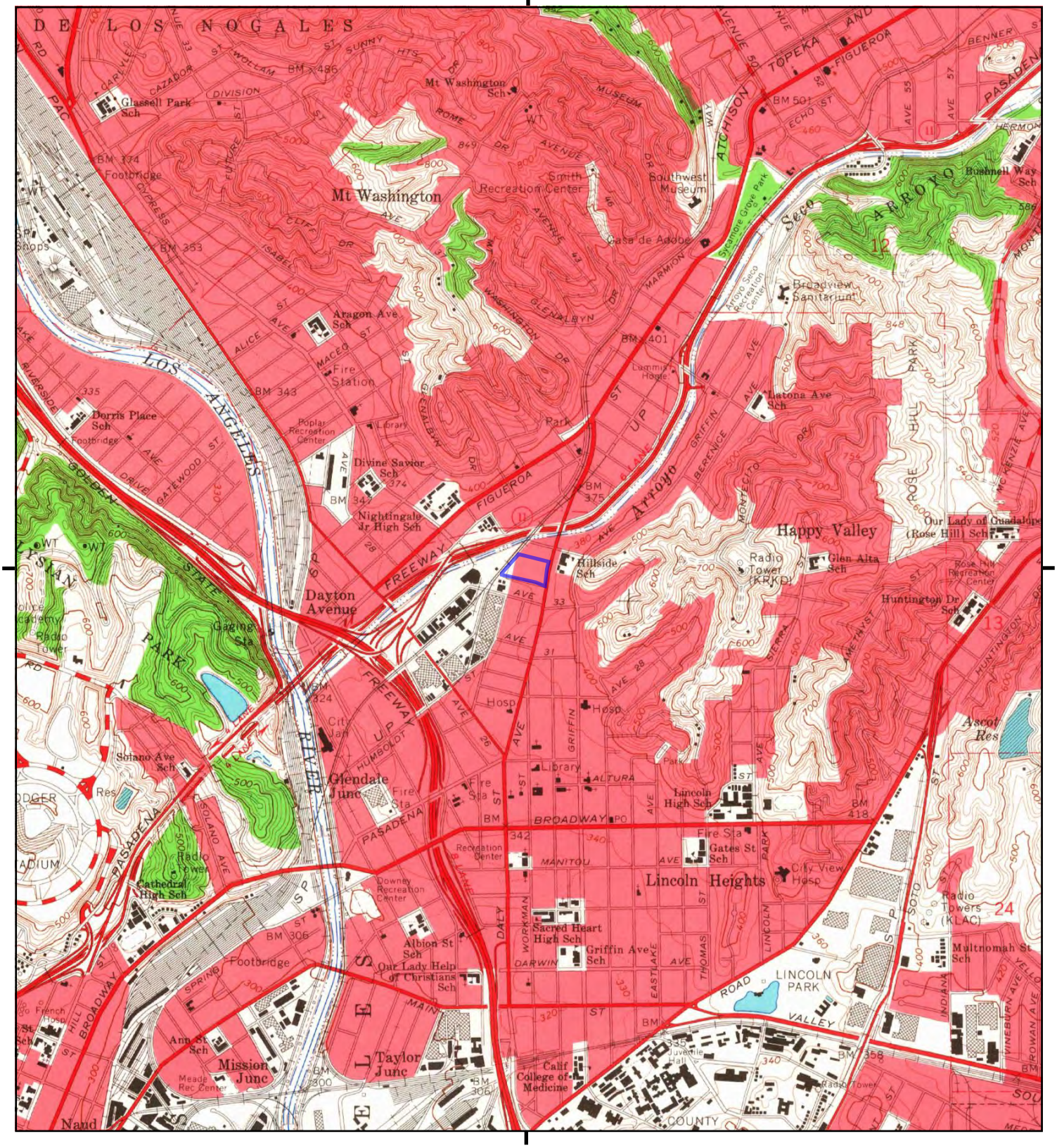
0 Miles 0.25 0.5 1 1.5

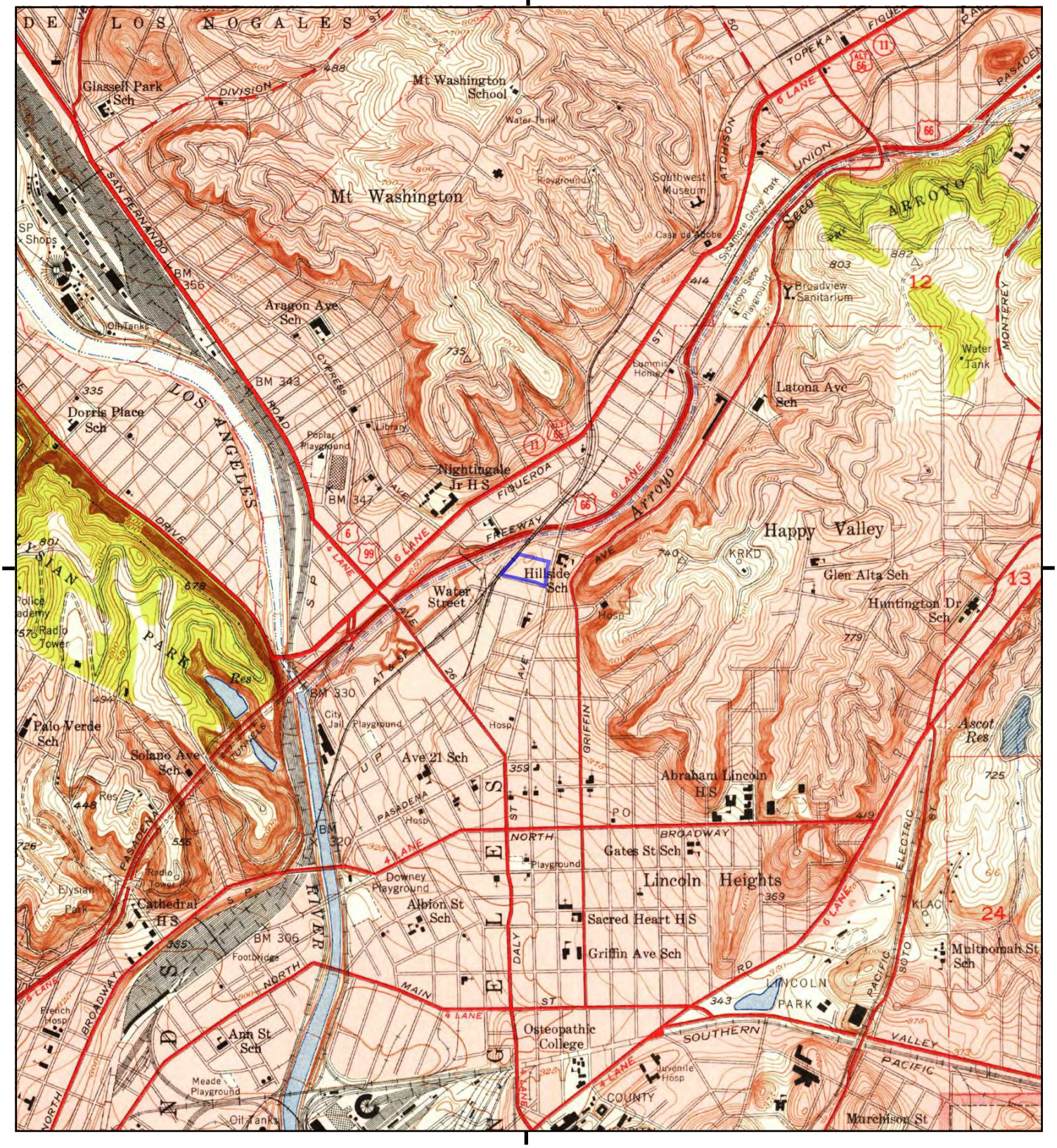
NW N NE
W E
SW S SE

TP, Los Angeles, 1972, 7.5-minute

SITE NAME: 135 141 153 West Avenue 34; 3401 3433
ADDRESS: 135 141 153 West Avenue 34; 3401 3433
Los Angeles, CA 90031
CLIENT: Fulcrum Resources Environmental

N


DE LOS NOGALES
Mt Washington
Mt Washington Sch
Glassell Park Sch
Recreation Center
Smith
Southwest Museum
Casa de Adobe
Aragon Ave Sch
Fire Station
Poplar Recreation Center
Divine Savior Sch
Nightingale Jr High Sch
Dorris Place Sch
Dayton Avenue
Gaging Sta
Glendale Junc
Solano Ave Sch
Cathedral High Sch
Footbridge
Albion St Sch
Our Lady Help of Christians Sch
Ann St Sch
Mission Junc
Taylor Junc
Calif College of Medicine
Hillside Sch
Happy Valley
Radio Tower (KRKD)
Glen Alta Sch
Latona Ave Sch
Broadview Sanitarium
Our Lady of Guadalupe (Rose Hill) Sch
Huntington Dr Sch
Ascot Res
Lincoln High Sch
Gates St Sch
Lincoln Heights
City View Hosp
Sacred Heart High Sch
Griffin Ave Sch
Multnomah St Sch
Radio Towers (KLAC)
LINCOLN PARK
Arroyo Seco
Sycamore Grove Park
Arroyo Seco Recreation Center
Busknell Way Sch
Rose Hill Recreation Center
Lummis Home
Library
Park
Hosp
Juvenile Hall
Meade Rec Center
Downey Recreation Center
Los Angeles River
Los Angeles State Gallery
Radio Tower
Res
Footbridge
BM 486
BM 501
BM 401
BM 343
BM 324
BM 306
BM 418
BM 358
BM 375
BM 174
BM 353
Sch
Fire Sta
Library
Hosp
Park
Recreation Center
Juvenile Hall
Radio Tower
Footbridge
Res
Meade Rec Center
Mission Junc
Taylor Junc
Glendale Junc
Dayton Avenue
Gaging Sta
Los Angeles River
Los Angeles State Gallery
Radio Tower
Mt Washington
Happy Valley
Lincoln Heights



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Los Angeles, 1953, 7.5-minute

SITE NAME: 135 141 153 West Avenue 34; 3401 3433
ADDRESS: 135 141 153 West Avenue 34; 3401 3433
Los Angeles, CA 90031
CLIENT: Fulcrum Resources Environmental

N

Historical Topo Map

1926, 1928

This report includes information from the following map sheet(s).

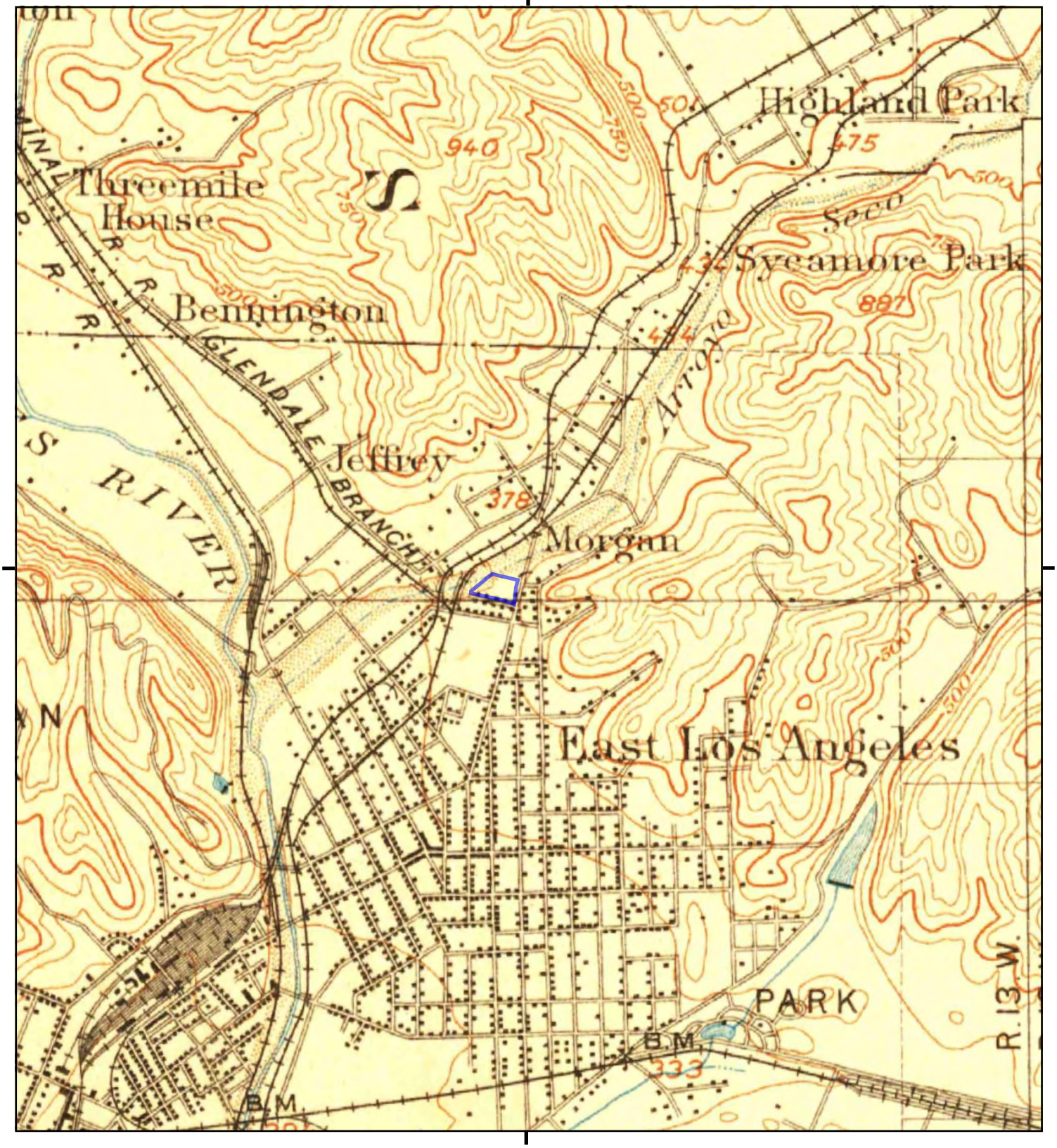
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

NE, Altadena, 1928, 7.5-minute
SE, Alhambra, 1926, 7.5-minute
NW, Glendale, 1928, 7.5-minute
T, Los Angeles, 1928, 7.5-minute

SITE NAME: 135 141 153 West Avenue 34; 3401 3433
ADDRESS: 135 141 153 West Avenue 34; 3401 3433
Los Angeles, CA 90031
CLIENT: Fulcrum Resources Environmental

N



This report includes information from the following map sheet(s).

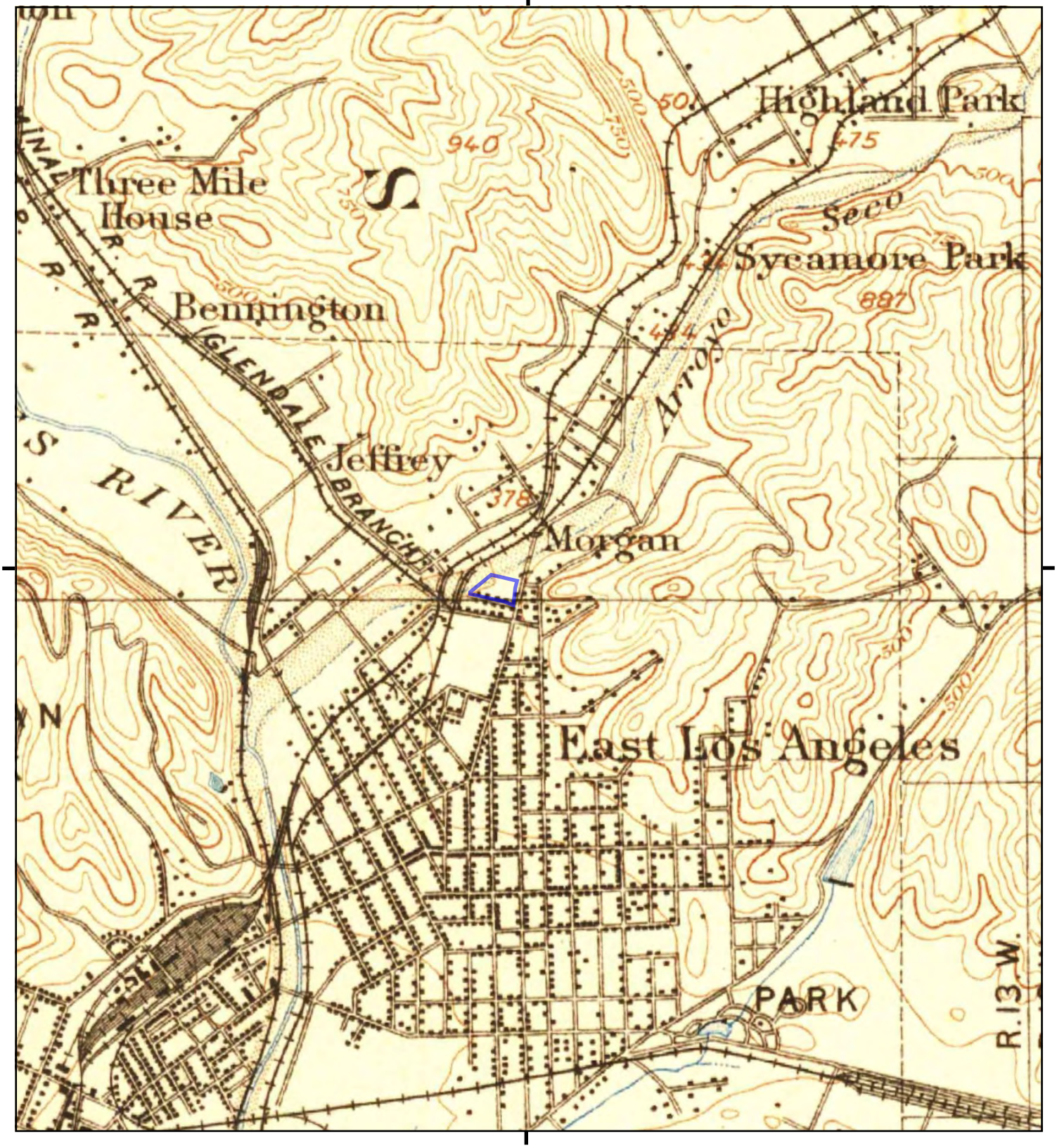
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Pasadena, 1900, 15-minute
TP, Los Angeles, 1900, 15-minute

SITE NAME: 135 141 153 West Avenue 34; 3401 3433
ADDRESS: 135 141 153 West Avenue 34; 3401 3433
Los Angeles, CA 90031
CLIENT: Fulcrum Resources Environmental

N



This report includes information from the following map sheet(s).

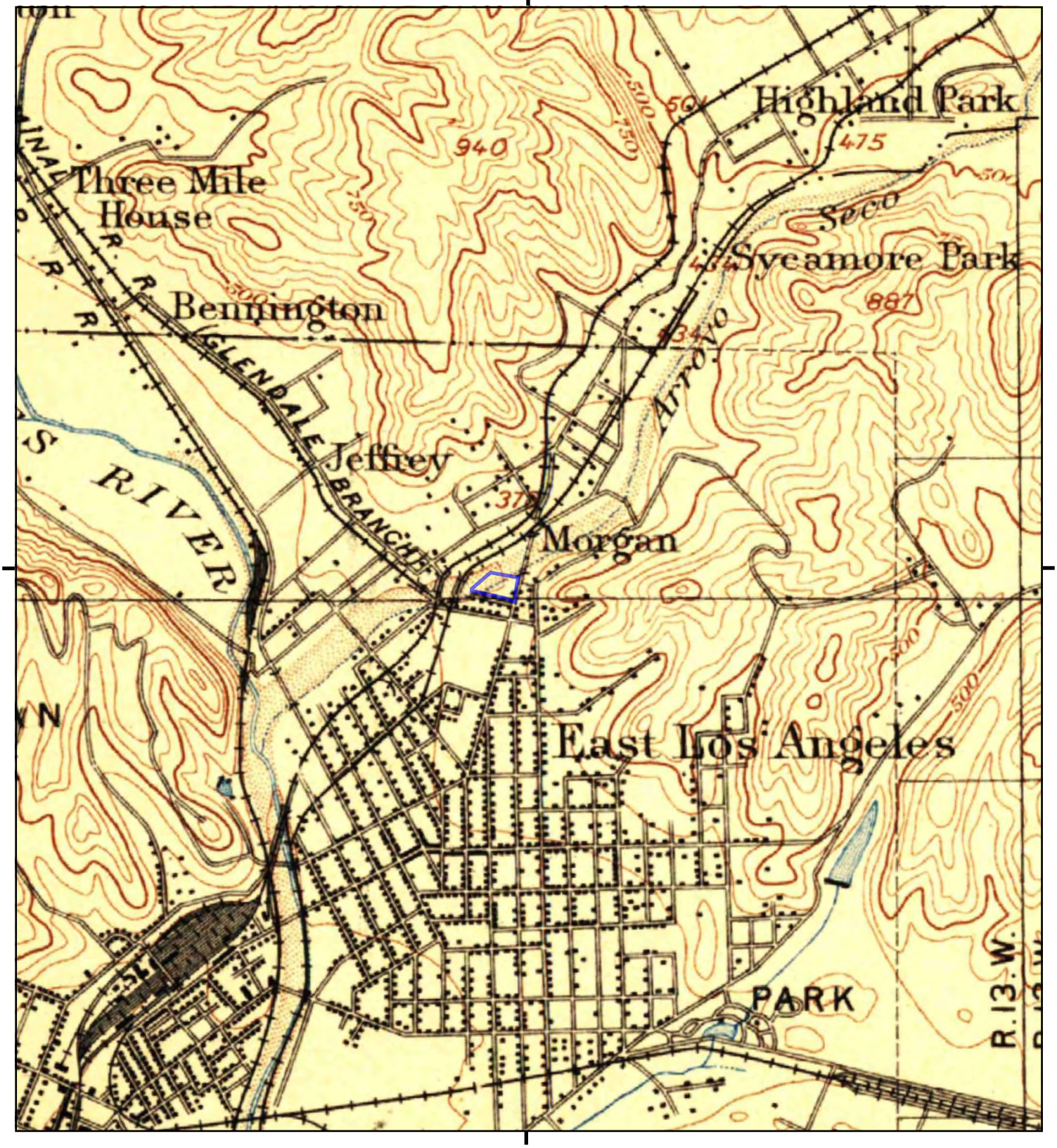
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Pasadena, 1896, 15-minute

SITE NAME: 135 141 153 West Avenue 34; 3401 3433
ADDRESS: 135 141 153 West Avenue 34; 3401 3433
Los Angeles, CA 90031
CLIENT: Fulcrum Resources Environmental

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Los Angeles, 1894, 15-minute

SITE NAME: 135 141 153 West Avenue 34; 3401 3433
ADDRESS: 135 141 153 West Avenue 34; 3401 3433
Los Angeles, CA 90031
CLIENT: Fulcrum Resources Environmental

N

Appendix C

Correspondence / Agency Records

ASTM E1527-13 USER QUESTIONNAIRE

When the "User" (the party for whom the assessment is being prepared) of the Phase I is required to help the environmental professional identify recognized environmental conditions at the property, a "User Questionnaire" is completed by the user to help gather information that may identify recognized environmental conditions at the property.

We ask that you answer the six questions below to the best of your knowledge. We understand that, in some circumstances, you may have little or no information. Still, we encourage you to complete and return the questionnaire as soon as possible. This will allow us to reflect the fact that the Questionnaire was completed when we issue our report as is required. Completion of the assessment to the new standard, when conducted in connection with the asset purchase of a real property, may entitle the user to certain federal liability protections that result from conducting "All Appropriate Inquiries" into the previous ownership and uses of a property.

On the second page of this form is a list of documentation. The E1527-13 Standard requires that the User will ensure that the consultant is made aware that any of these materials exist for a site, and if so, that these documents be provided for the consultant's review. Please indicate whether any of these documents are available, and ensure that Fulcrum Resources Environmental will either receive copies or be provided an opportunity to review the relevant materials.

We appreciate your assistance. If you have any questions, feel free to contact us.

1. Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state or local law?

   No

2. Are you aware of any Activity and Use Limitations (AULs), such as engineering controls, land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law?

   No

3. As the user of this ESA do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?

   No

4. Does the purchase price/loan amount for this property reasonably reflect the fair market value of the property? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?

   Yes, the purchase price reasonably reflects fair market value of the property.

5. Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example, as user, (a.) Do you know the past uses of the property? (b.) Do you know of specific chemicals that are present or once were present at the property? (c.) Do you know of spills or other chemical releases that have taken place at the property? (d.) Do you know of any environmental cleanups that have taken place at the property?

   Prior uses of buildings on the property include office, storage, metal stamping, moving and storage. More information on prior uses are contained in the 2015 Phase 1 report, provided.

6. As the user of this ESA, based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of contamination at the property?

   No

ASTM E1527-13 USER QUESTIONNAIRE

SUBJECT PROPERTY ADDRESS:135, 141 & 153 W. Ave 34 and 3401 & 3433 Pasadena Ave., Los Angeles, CA 90031

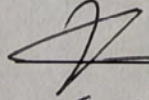
As part of this study, which of the following are you providing?

1. Previous environmental site assessment reports (●) Yes ( ) No
2. Environmental compliance audit reports ( ) Yes (●) No
3. Environmental permits (including but not limited to solid waste disposal permits, hazardous waste disposal permits, wastewater permits, NPDES permits, underground injection permits) ( ) Yes (●) No
4. Registrations for underground and aboveground storage tanks ( ) Yes (●) No
5. Registrations for underground injection systems ( ) Yes (●) No
6. Material safety data sheets ( ) Yes (●) No
7. Community Right-to-Know plan ( ) Yes (●) No
8. Safety plans; preparedness and prevention plans; spill prevention, countermeasure, and control plans; etc. ( ) Yes (●) No
9. Reports regarding hydrogeologic conditions on the property or surrounding area ( ) Yes (●) No
10. Notices or other correspondence from any government agency relating to past or current violations of environmental laws with respect to the property or relating to environmental liens encumbering the property ( ) Yes (●) No
11. Hazardous waste generator notices or reports ( ) Yes (●) No
12. Geotechnical studies (●) Yes ( ) No
13. Risk assessments ( ) Yes (●) No
14. Recorded Activity and Use Limitations (AULs). ( ) Yes (●) No

Please contact us if you have any questions regarding these ASTM requirements.

Please return the completed document to Fulcrum Resources Environmental via email to rose@frenviro.com and sabrina@frenviro.com

Completed by: Luke Palmisano

Signature: 

Title: COO

Company: R Cap Avenue 34, LLC

Relationship to site (i.e. lender, purchaser,owner): purchaser

Date: 6-26-19

Department of Toxic Substances Control

Matthew Rodriquez
Secretary for
Environmental Protection

Barbara A. Lee, Director
9211 Oakdale Avenue
Chatsworth, California 91311

Edmund G. Brown Jr.
Governor

July 20, 2016

Mr. Jeffrey Thuma
Burns & McDonnel
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437

FORMER WELCH'S UNIFORM FACILITY, 3505 NORTH PASADENA AVENUE,
LOS ANGELES, CALIFORNIA 90031

Dear Mr. Thuma:

The Department of Toxic Substances (DTSC) has reviewed "Request for NFA of the SVE System and Site Closure" (Report) dated April 20, 2016 for the Former Welch's Uniform Facility (Site). The Report requests Site closure for on-site soil and soil vapor because the clean up objectives were met for the identified chemicals of concern (COCs). DTSC also reviewed the Calculation of Site Specific Soil Gas Cleanup Goals dated February 26, 2015 and the Soil Vapor Extraction (SVE) Rebound Testing Workplan dated September 23, 2015. The SVE system operated from December 2013 to July 2016 during which time 254 pounds of volatile organic compounds (195 pounds of perchloroethylene) were removed.

The Site was evaluated for an industrial/commercial with land use covenant (LUC) in place scenario. The Site met an accepted cumulative cancer risk is less than or equal to $1x10^{-5}$ and non-cancer risk is less than or equal to 1. DTSC approves the Site soil closure upon submittal of your response to DTSCs toxicologist comments.

DTSC understands that the groundwater monitoring program will remain in place and has agreed to a decrease in frequency (annual) and scope (TBD). Additionally, DTSC will work with you to develop the Operations and Maintenance (O and M) Plan and the LUC.

Sincerely,

Juli Propes
Unit Chief
Brownfields and Environmental Restoration Program – Chatsworth Office

cc: See next page

® Printed on Recycled Paper

cc: Lori Parnass
Project Manager
Brownfields and Environmental Restoration Program
Department of Toxic Substances Control
9211 Oakdale Avenue
Chatsworth, California 91311

BURNS McDONNELL

First Semi-Annual 2016 Groundwater and Soil Vapor Monitoring Report

AmeriPride Services Inc.

Former Welch's Uniform Facility
3505 Pasadena Avenue, Los Angeles, California
DTSC CalStars Site Code 301314
Project No. 89698

08/17/2016

First Semi-Annual 2016 Groundwater and Soil Vapor Monitoring Report

prepared for

AmeriPride Services Inc.
Former Welch's Uniform Facility
3505 Pasadena Avenue, Los Angeles, California
DTSC CalStars Site Code 301314

Project No. 89698

08/17/2016

prepared by

Burns & McDonnell Engineering Company, Inc.
Minneapolis-St. Paul, Minnesota

COPYRIGHT © 2016 BURNS & McDONNELL ENGINEERING COMPANY, INC.

SIGNATURE PAGE

First Semi-Annual 2016 Groundwater and Soil Vapor Monitoring Report
Former Welch's Uniform Facility
3505 Pasadena Avenue, Los Angeles, California
DTSC CalStars Site Code 301314

Project No. 89698

SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

The following environmental professionals were responsible for this *First Semi-Annual 2016 Groundwater and Soil Vapor Monitoring Report* for the Former Welch's Uniform Facility located at 3505 Pasadena Avenue, Los Angeles, California.

Mitch Monroe, PG (CA)
Senior Geologist

08/15/2016
Date

Stephanie Ryno, PE (MN)
Environmental Engineer

8/17/16
Date

TABLE OF CONTENTS

Page No.

1.0 INTRODUCTION 3
1.1 PURPOSE 3
1.2 REPORT STRUCTURE 3

2.0 BACKGROUND 4
2.1 SITE DESCRIPTION 4
2.2 GEOLOGY AND HYDROGEOLOGY 5

3.0 SUMMARY OF FIELD ACTIVITIES 6
3.1 GROUNDWATER SAMPLING 6
3.2 SOIL VAPOR POINT SAMPLING 6
3.3 SOIL VAPOR EXTRACTION WELL SAMPLING 7
3.4 SVE SYSTEM OPERATIONS AND SAMPLING 7

4.0 MONITORING RESULTS 9
4.1 GROUNDWATER SAMPLING RESULTS 9
4.1.1 GROUNDWATER SAMPLING RESULTS IN AOC#1 9
4.1.2 GROUNDWATER SAMPLING RESULTS IN AOC#2 10
4.1.3 GROUNDWATER SAMPLING RESULTS IN AOC#3 10
4.1.4 GROUNDWATER SAMPLING RESULTS IN AOC#4 11
4.2 SOIL VAPOR POINT SAMPLING RESULTS 11
4.2.1 SOIL VAPOR POINT SAMPLING RESULTS IN AOC#1 13
4.2.2 SOIL VAPOR POINT SAMPLING RESULTS IN AOC#2 13
4.2.3 SOIL VAPOR POINT SAMPLING RESULTS IN AOC#3 14
4.2.4 SOIL VAPOR POINT SAMPLING RESULTS IN AOC#4 14
4.3 SOIL VAPOR EXTRACTION WELL SAMPLING RESULTS 15
4.4 SVE SYSTEM OPERATIONAL AND SAMPLING RESULTS 15

5.0 NATURAL ATTENUATION 16
5.1 GROUNDWATER 16

6.0 RECOMMENDATIONS AND CONCLUSIONS 17

TABLE OF CONTENTS (continued)

LIST OF FIGURES

Figure No.	Figure Title
Figure 1:	Site Location Map
Figure 2:	SVE System and Well Locations
Figure 3:	Groundwater Contour Map, First Semi-Annual 2016
Figure 4:	VOC's in Groundwater, First Semi-Annual 2016
Figure 5:	Remediation System Specifications: Process and Instrumentation Diagram
Figure 6:	VOCs in Soil Vapor Points, Six Months After SVE Shutdown
Figure 7:	SVE System: Combined Influent PCE Concentrations
Figure 8:	SVE System: Mass Removal Chart, Pounds Removed Per Day
Figure 9:	SVE System: Mass Removal Chart, Pounds Removed To-Date

LIST OF TABLES

Table No.	Title
Table 1A:	Monitoring Well Construction Details
Table 1B:	Soil Vapor Point Construction Details
Table 2:	Groundwater Elevations
Table 3:	Groundwater Monitoring Well Sampling Information
Table 4:	Groundwater Quality Parameters
Table 5:	Groundwater Analytical Results
Table 6:	Historical Natural Attenuation Parameters
Table 7:	Soil Vapor Analytical Results
Table 8:	SVE System: Operational Data
Table 9:	SVE System: Operations Log
Table 10:	SVE System: Combined Influent Analytical Results
Table 11:	SVE System: Between GAC Adsorbers Analytical Results
Table 12:	SVE System: Stack Effluent Analytical Results

LIST OF APPENDICES

APPENDIX A - Analytical Reports
APPENDIX B - Groundwater Field Logs
APPENDIX C - Non-Hazardous Water Transport Form
APPENDIX D - Groundwater Concentration Trend Graphs/Hydrographs
APPENDIX E - Soil Vapor Trend Graphs

* * * * *

1.0 INTRODUCTION

1.1 PURPOSE

Burns & McDonnell Engineering Company, Inc. (Burns & McDonnell), on behalf of AmeriPride Services Inc. (AmeriPride), has prepared this *First Semi-Annual 2016 Groundwater and Soil Vapor Monitoring Report* (Report). This Report summarizes the groundwater and soil vapor monitoring activities conducted in association with the Former Welch's Uniform Facility located at 3505 Pasadena Avenue, Los Angeles, California (Site). The Site is associated with the Department of Toxic Substances Control (DTSC) CalStars Site Code 301314.

The soil vapor extraction (SVE) system at the Site was installed as part of the implementation of the Removal Action Work Plan (RAW) approved in correspondence by the California DTSC on October 18, 2012. The RAW was prepared in accordance with a Voluntary Cleanup Agreement executed between the DTSC and AmeriPride on June 17, 2007 (Docket No. HSA-VCA 06/07-204). The SVE system, which extracted contaminant vapors from eleven SVE wells at the Site, was in operation from December 6, 2013, until July 17, 2015. The extracted vapors were treated and discharged to the atmosphere under South Coast Air Quality Management District (SCAQMD) Permit No. G27490 dated October 1, 2013.

1.2 REPORT STRUCTURE

This Report includes a discussion of 2016 semi-annual groundwater and soil vapor sampling activities. Specific components include:

- **Section 1.0 Introduction** provides an overview and description of the purpose and scope of the Report.
- **Section 2.0 Background** includes a brief Site description and a presentation of physical characteristics of the Site.
- **Section 3.0 Summary of Field Activities** includes a discussion of sampling activities and summarizes the SVE system operation history.
- **Section 4.0 Monitoring Results** presents analytical results from the semi-annual groundwater monitoring and vapor sampling.
- **Section 5.0 Natural Attenuation** includes a discussion of the analytical results and evaluation of natural attenuation.
- **Section 6.0 Recommendations and Conclusions** presents recommendations for future actions and a summary of key actions for the Site.

2.0 BACKGROUND

2.1 SITE DESCRIPTION

The Site is located at 3505 Pasadena Avenue, Los Angeles, California at latitude and longitude coordinates 34º5'9" North and 118º12'48" West, respectively (**Figure 1**).

The Site consists of an approximate 2.6-acre vacant parcel located in a mixed residential and industrial area of Los Angeles, California. The Site is bordered on the north by the Arroyo Seco Channel and the Pasadena Freeway (Interstate-110); on the west by a railroad right-of-way; on the east by Pasadena Avenue; and on the south by commercial properties. The Site is surrounded by a chain-link fence around the perimeter, with a retaining wall in the northeast corner of the Site boundary. Four pole-mounted electrical transformers are located in the center of the Site. Gas and water metering equipment are located near the east gate, and a 6,000 square foot area of asphalt pavement is located in the southeast portion of the Site. The SVE system and associated equipment are located within a 1,400 square foot fenced area in the northeast portion of the Site. The Site contains eleven SVE wells, fourteen operable groundwater monitoring wells, and eight soil vapor monitoring points (SVP) (each nested with sampling points at four discreet depths). Additionally, there are four operable groundwater monitoring wells located off-site. Site features, including the SVE system and well locations, are depicted on **Figure 2**.

There are four designated Areas-of-Concern (AOC) at the Site which relate to former site building locations and facility operations, described as follows:

- **AOC#1**: AOC#1 is a former motor vehicle fueling area, located in the east-central portion of the Site.
- **AOC#2**: AOC#2 is a former dry cleaning area and cleaning solvent storage area located on the northeast portion of the Site.
- **AOC#3**: AOC#3 is a former driveway area located on the northwest portion of the Site and west of AOC#2.
- **AOC#4**: AOC#4 is located in the southwest corner of the Site.

The AOCs at the Site are shown on **Figures 2, 3, 4, 6 and 7**. As discussed in the *Removal Action Work Plan* dated October 8, 2012, active remediation was necessary only in AOC#2.

2.2 GEOLOGY AND HYDROGEOLOGY

The elevation of the Site is approximately 366 feet above mean sea level. Topography of the site is relatively level with a slight slope to the west.

The Site is located at the west end of the Repetto Hills near the confluence of the Arroyo Seco Channel and the Los Angeles River. The sediments that underlie the Site have been identified at Quaternary alluvial stream channel deposits consisting of unconsolidated silts, sands, and gravels. Soils encountered in borings and excavations associated with the Site consist of gravels and fine to coarse-grained sand. Coarse gravel and cobbles have been encountered during excavation in the upper two feet of soils in the northeast portion of the Site. The sedimentary bedrock that underlies the Site is Puente Formation sandstone and is present at approximately 83 feet below ground surface (bgs).

Previous subsurface investigations at the Site indicate that the water table is present at approximately 35 feet bgs. The local groundwater gradient at the Site has consistently been to the southwest as depicted on **Figure 3**.

* * * * *

3.0 SUMMARY OF FIELD ACTIVITIES

3.1 GROUNDWATER SAMPLING

There are eighteen groundwater monitoring wells associated with the Site (**Table 1A**). The groundwater monitoring wells are generally completed at two horizons. The groundwater monitoring wells screened in the shallow horizon are completed at depths ranging from 45 to 70 feet bgs. The groundwater monitoring wells screened in the deep groundwater horizon are completed at depths ranging from 89 to 93 feet bgs.

The First Semi-Annual 2016 groundwater sampling activities were completed on March 15 and 16, 2016. Groundwater elevations (**Table 2**) were measured in 17 monitoring wells and groundwater samples (**Table 3**) were collected from 15 monitoring wells. The groundwater elevation was unable to be measured at MW-8A due to the well being covered by asphalt. The monitoring wells were purged using a 2-inch submersible Grundfos pump using dedicated tubing. Groundwater samples were collected after water quality parameters stabilized and a minimum of three well volumes were purged. Field parameters are summarized in **Table 4**. After purging, groundwater samples were collected with new disposable bailers and transferred to laboratory-supplied sampling vessels. All groundwater samples were analyzed for volatile organic compounds (VOCs) by United States Environmental Protection Agency (US EPA) Method 8260B by Eurofins Calscience, Inc. (Eurofins), a California State Certified laboratory. Groundwater analytical results are summarized in **Table 5** and historical Natural Attenuation parameters are summarized in **Table 6**. Analytical Reports and are provided in **Appendix A**. Groundwater field logs are provided in **Appendix B.**

Purge water from groundwater monitoring wells and decontamination fluids were temporarily stored in two polyethylene tanks located in the secured parking area of the Site; pending off-site disposal at Inviro-Tech Disposal located in Lincoln, California (**Appendix C**).

3.2 SOIL VAPOR POINT SAMPLING

There are eight SVP clusters at the Site, with screens set at depths of 5, 10, 20, and 30 feet bgs at each point (**Table 1B**). Five of the soil vapor monitoring points are associated with the SVE system's rebound testing: VP-1, VP-3, VP-4R, VP-5 and VP-6. These five SVP's were sampled on January 18 and 19, 2016, as part of the six month after SVE shutdown rebound testing at the Site. Refer to **Sections 3.4, 4.2, and 6.0** for additional information regarding the SVE rebound testing events. The SVP clusters were purged, sampled, and analyzed on-Site for VOCs by US EPA Method TO-15. Soil vapor analytical results are listed in **Table 7**. The SVPs were purged at least five volumes of the SVP tubing prior to sample collection. Analytical Reports are provided in **Appendix A**. Soil vapor results in the analytical

reports are documented in micrograms per Liter (µg/L) while this report discusses soil vapor results in micrograms per cubic meter (µg/m^3).

3.3 SOIL VAPOR EXTRACTION WELL SAMPLING

There are eleven SVE wells at the Site. Each SVE well contains a 10-foot screen set between approximately 20 and 30 feet bgs (**Table 1B**). The eleven SVE wells are connected to the SVE system via underground polyvinylchloride (PVC) piping, and SVE well sampling is conducted at the SVE system's manifold using ¼ -inch Teflon tubing, Swagelok fittings and vacuum canisters. Sampling of the SVE wells (SVE-1 through SVE-11) was not conducted during the First Semi-Annual 2016 sampling event due to the SVE system being shut down since July 2015 for rebound testing. Additional details regarding the shutdown and rebound testing are included in **Sections 3.4, 4.2, and 6.0**. Historical soil vapor analytical results are presented in **Table 7**.

3.4 SVE SYSTEM OPERATIONS AND SAMPLING

The SVE system was installed during November and December 2013 and began continuous operation on December 6, 2013. The SVE system extracts contaminant vapors from eleven SVE wells at the Site using a 20-horsepower positive displacement blower. The eleven wells are connected to the system via 3-inch PVC piping. The extracted vapors from each point are combined at the system's intake manifold prior to passing through a vapor liquid separator to recover condensate entrained in the vapor stream. SVE emissions are treated using two 3,000 pound vapor-phase granular activated carbon (GAC) adsorbers, operated in series, prior to discharge to the atmosphere via a 15-foot exhaust stack. The vapor extracted from the SVE system is treated and discharged to the atmosphere under SCAQMD Permit to Construct/Operate No. G27490, dated October 1, 2013. A process and instrumentation diagram of the SVE system is included as **Figure 5**.

Due to the significant decrease in SVE mass removal rates and soil gas concentrations at the Site, the SVE system was shut down to conduct rebound testing. The testing is being conducted to assess soil gas concentrations in the soil vapor monitoring points without the SVE system operating in order to monitor potential rebound and evaluate the SVE system for permanent shutdown. As outlined in the *Calculation of Site-Specific Soil Gas Cleanup Goals* letter, and per phone conversation with the DTSC on July 16, 2015, the SVE system was shut down for rebound testing on July 17, 2015. Additional details regarding the shutdown and rebound testing are discussed in **Sections 4.2 and 6.0**.

While the system was in operation, photoionization detector (PID) readings were taken from each of the eleven extraction points in order to provide an indication of the relative concentration of contaminants in the vapor being extracted from each point. The flow rates at the eleven extraction points were set to maximize air flow from the SVE wells with the highest concentrations in order to maximize mass removal. Historical operational data collected from the SVE system, including vacuum readings at the manifold and wellheads, PID readings, temperatures, and flow rates, is summarized in **Table 8**. **Table 9** summarizes the operational history of the SVE system.

Prior to the SVE system shut down on July 17, 2015 for rebound testing, soil vapor samples were collected from three locations within the SVE system in order to obtain emissions data to calculate contaminant mass removal and to maintain compliance with the SCAQMD Permit to Construct/Operate. While in operation, soil vapor samples were collected on a monthly basis from the SVE system's combined influent, between the GAC adsorbers, and at the SVE system's stack effluent (**Figure 5**). Historical analytical data from these three sample locations are shown on **Table 10, Table 11, and Table 12,** respectively.

*** * * * ***

4.0 MONITORING RESULTS

4.1 GROUNDWATER SAMPLING RESULTS

As described previously in **Section 2.2**, there are four designated AOCs at the Site (**Figure 2**) which relate to former site building locations and facility operations. The AOCs are defined as follows: AOC#1 – Former Motor Vehicle Fueling Area; AOC#2 – Former Dry Cleaning Area; AOC#3 – Former Driveway Area: and AOC#4 – Southwest Corner of Site. The sections below discuss detections in groundwater by AOC.

Groundwater elevations, water quality parameters, and analytical results are summarized in **Tables 2, 4, and 5**, respectively. March 2016 groundwater contours are depicted on **Figure 3**, and VOC concentrations from the March 2016 sampling event are shown on **Figure 4.** Groundwater concentration trend graphs/hydrographs are provided in **Appendix D**. A summary of the March 2016 groundwater elevations and groundwater analytical results is provided below:

Summary of Groundwater Elevations and Analytical Results

Groundwater depths ranged from:	36.27 ft. (MW-16C) to 42.91 ft. (MW-13B) below top of well casing
Groundwater elevations ranged from:	329.12 ft. (MW-3) to 314.34 ft. (MW-15) above mean sea level
Groundwater Direction and Gradient	Southwest, 0.01
Highest PCE concentration (observed in):	12 micrograms per liter (µg/L) (MW-16A)
Highest TCE concentration (observed in):	4.3 µg/L (MW-16A)
Highest cis-1,2-DCE concentration (observed in):	13 µg/L (MW-10A)
Highest trans-1,2-DCE concentration (observed in):	All samples below the laboratory detection limits

PCE = tetrachloroethene

TCE = trichloroethene

cis-1,2-DCE = cis-1,2-dichloroethene

trans-1,2-DCE = trans-1,2-dichloroethene

4.1.1 Groundwater Sampling Results in AOC#1

The one groundwater well located within AOC#1 (K-1) was sampled in March 2016. K-1 is screened in the shallow groundwater horizon. In March 2016, no VOCs were detected above the laboratory method detection limits (MDLs) at K-1 with the exception of PCE with a concentration of 1.1 µg/L. The PCE

concentration has generally decreased in monitoring well K-1; from 187 µg/L in 1998 to below the California EPA maximum contaminant level (MCL) of <5.0 µg/L since March 2013.

4.1.2 Groundwater Sampling Results in AOC#2

The one groundwater well located within AOC#2 (MW-3) was sampled in March 2016. MW-3 is screened in the shallow groundwater horizon. At MW-3, PCE was detected at 7.4 µg/L in March 2016. The PCE concentration at MW-3 has decreased from a historical high of 5,100 µg/L in 2005. TCE, which had a historical high concentration of 180 µg/L in 2001, has been below the MDL of <1.0 µg/L for the past five consecutive sampling events. The cis-1,2-DCE and trans-1,2-DCE concentrations at MW-3 have also been below the MDL of <1.0 µg/L for the past five consecutive sampling events.

4.1.3 Groundwater Sampling Results in AOC#3

The four groundwater wells located within AOC#3 (MW-11, MW-16A, MW-16B, and MW-16C) were sampled in March 2016. In addition, MW-12, located approximately 30 feet west of AOC#3, was sampled in March 2016. Wells MW-11, MW-16A, MW-16B and MW-12 are screened in the shallow groundwater horizon, while MW-16C is screened in the deeper groundwater horizon.

Overall VOC concentrations in the wells of AOC#3 are trending downward. At MW-11, the PCE concentration was 9.3 µg/L in March 2016. The maximum historical PCE concentration at MW-11 was 130 µg/L in 2001. TCE, cis-1,2-DCE, and trans-1,2-DCE concentrations have been below the MDL of <1.0 µg/L at MW-11 since March 2014.

At MW-16A, the PCE concentration was 12 µg/L during both the March 2015 and March 2016 sampling events. The TCE and cis-1,2-DCE concentrations at MW-16A in March 2016 decreased compared to the March 2015 concentrations. At MW-16B, PCE was detected with a concentration of 2.5 µg/L and TCE was detected with a concentrations of 1.5 µg/L, which were both below the California EPA MCLs of 5.0 µg/L. The cis-1,2-DCE concentration at MW-16B has been below the MDL of <1.0 µg/L for the past two sampling events. No VOCs were detected at MW-16C in March 2016. VOCs have been below the MDL of <1.0 µg/L since March 2013.

At MW-12, the PCE and TCE concentrations in March 2016 were 7.8 µg/L and 4.2 µg/L, respectively, which is an overall decrease compared to a historical high PCE concentration of 610 µg/L and a TCE concentration of 1,900 µg/L in 2005. The cis-1,2-DCE concentration at MW-12 in March 2016 was 2.0

µg/L, which is the lowest detection at that well to date. The trans-1,2-DCE concentration at MW-12 was below the MDL of <1.0 µg/L for the fourth consecutive sampling event.

4.1.4 Groundwater Sampling Results in AOC#4

AOC#4 is located in the southwest corner of the property and is down-gradient of the source area. The source area is the location of the former underground storage tanks in the vicinity of AOC#1, AOC#2 and AOC#3. Groundwater wells MW-10A and MW-10B are located to the east of AOC#4, and were sampled in March 2016. MW-10A is screened in the shallow groundwater horizon, and MW-10B is screened in the deeper groundwater horizon.

PCE has decreased in MW-10A from 306 µg/L in 1998 to 3.5 µg/L in the March 2016 sampling event. The PCE concentration at MW-10A has been below the California EPA MCLs of 5.0 µg/L for the past four consecutive sampling events. TCE has decreased in MW-10A from 463 µg/L in 1998 to 2.9 µg/L in March 2016. Cis-1,2-DCE has decreased in MW-10A from 1,680 µg/L in 1998 to 13 µg/L in March 2016. PCE has decreased in MW-10B from 70 µg/L in 1998 to below the MDL of <1.0 µg/L in March 2016. The PCE concentration has been below the MDL of <1.0 µg/L at MW-10B since November 2013. TCE has decreased from 47 µg/L in 1999 to below the MDL of <1.0 µg/L in March 2016, which is the lowest detection of TCE in MW-10B to date.

4.2 SOIL VAPOR POINT SAMPLING RESULTS

In March 2015, the *Calculation of Site-Specific Soil Gas Cleanup Goals* letter was submitted to the DTSC. In the letter, soil gas cleanup goals for the SVE system were proposed that would result in concentrations with no unacceptable risk from long term exposure. The site-specific cleanup goals were calculated in general accordance with the DTSC's *Final Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air,* dated October 2011, and the DTSC's March 2014 *Screening-Level Model for Soil Gas Contamination.* The site-specific soil gas cleanup goals for PCE, TCE, cis-1,2-DCE, and vinyl chloride were calculated for each of the monitoring depths of 5, 10, 20, and 30 feet bgs, and are presented as follows:

Summary of Acceptable Risk-Based Soil Gas Concentrations

	5 feet bgs	10 feet bgs	20 feet bgs	30 feet bgs
PCE	42,000 µg/m³	70,000 µg/m³	125,000 µg/m³	180,000 µg/m³
TCE	15,000 µg/m³	23,000 µg/m³	40,000 µg/m³	57,000 µg/m³

Cis-1,2-DCE	47,000 µg/m³	70,000 µg/m³	116,000 µg/m³	163,000 µg/m³
Vinyl Chloride	2,200 µg/m³	3,200 µg/m³	5,100 µg/m³	7,100 µg/m³

The soil gas cleanup goal concentrations were conservatively calculated using California-specific toxicity values, as well as conservative default model parameters for soil type, building dimensions, and exposure scenarios. Prior to operation of the SVE system, PCE was detected at concentrations ranging up to 3,000,000 µg/m^3 in VP-1-30 in 2011. However, since operation of the SVE began in December 2013, VOC concentrations have remained below the proposed risk-based soil gas concentrations presented above. The historical soil vapor analytical data for the Site compared to the proposed soil gas cleanup goals are presented in **Table 7**.

As outlined in the *Calculation of Site-Specific Soil Gas Cleanup Goals* letter, and per phone conversation with the DTSC on July 16, 2015, the SVE system was shut down for rebound testing on July 17, 2015. In September 2015, the *SVE System Rebound Testing Work Plan* letter was submitted to the DTSC in order to provide additional details regarding the soil vapor rebound testing at the Site. Shutting down the system for rebound testing is intended to assess soil gas concentrations in the soil vapor monitoring points without the SVE system operating in order to monitor potential rebound and evaluate the SVE system for permanent shutdown. The five soil vapor monitoring points associated with the SVE system's rebound testing are VP-1, VP-3, VP-4R, VP-5, and VP-6.

The first soil gas rebound test occurred in October 2015 (three months after the SVE system's shutdown) to coincide with the Site's Second Semi-Annual 2015 sampling event, and the second soil gas rebound test occurred on January 18 and 19, 2016, six months after the SVE system was shut down. All soil gas concentrations observed during the rebound testing period were below the soil gas cleanup goals, with little to no rebound in concentration. Therefore, since the proposed target cleanup goals were still being met six months after shutdown, the remaining cumulative cancer risk and hazard index risk for the chemicals of potential concern (COPCs) were evaluated and determined to be below the target cancer risk and noncancer hazard limits. For additional information regarding this evaluation and request for SVE decommissioning and Site closure, refer to the *Request for NFA of the SVE System and Site Closure*, dated April 20, 2016.

The sections below discuss detections in soil vapor by AOC (which are described in **Section 2.2**) for the six month after shutdown rebound testing event that occurred in January 2016 at VP-1, VP-3, VP-4R, VP-5, and VP-6. The analytical results for VOCs in soil vapor at 5 feet, 10 feet, 20 feet and 30 feet are

summarized in **Table 7** and **Figure 6**. Soil vapor concentration trend graphs are provided in **Appendix E**. A summary of the January 2016 soil vapor analytical results is provided below:

Summary of Soil Vapor Sampling Results

Highest PCE concentration (observed in):	47,000 µg/m^3 (VP-1-30)
Highest TCE concentration (observed in):	6,200 µg/m^3 (VP-3-30)
Highest cis-1,2-DCE concentration (observed in):	70,000 µg/m^3 (VP-3-30)
Highest trans-1,2-DCE concentration (observed in):	All samples below the laboratory detection limits

Note: The Vapor Point naming convention includes the depth in feet. Example: "VP-1-30 (Vapor Point One at Thirty Feet)"

4.2.1 Soil Vapor Point Sampling Results in AOC#1

There is one SVP well cluster (VP-6) located within AOC#1 with wells screened at 5, 10, 20, and 30 feet bgs. In January 2016, PCE was detected at all depths in VP-6 with concentrations ranging from 270 µg/m^3 in VP-6-5 to 2,200 µg/m^3 in VP-6-20. PCE concentrations decreased at the 5, 10, and 30 foot depths compared to the October 2015 sampling event when concentrations at VP-6 ranged from 510 µg/m^3 at VP-6-5 to 2,200 µg/m^3 at VP-6-30. Prior to the operation of the SVE system, the highest historical detection of PCE in VP-6 was 91,000 µg/m^3 in VP-6-30 in 2008. The highest historical detection of TCE at VP-6 was 9,200 µg/m^3 in VP-6-30 in 2008. In January 2016, TCE was detected at the 20 and 30 foot depths with concentrations of 150 µg/m^3 and 160 µg/m^3, respectively. The TCE concentration at VP-6-5 was below the MDL of <80 µg/m^3 for the fifth consecutive sampling event.

4.2.2 Soil Vapor Point Sampling Results in AOC#2

SVP well clusters VP-1, VP-3, VP-4R are located in AOC#2, with wells screened at 5, 10, 20, and 30 feet bgs at each point. Historically, the highest PCE soil vapor concentrations at the Site have been observed at VP-1. Prior to operation of the SVE system, the highest historical detection of PCE in VP-1 was 3,000,000 µg/m^3 in VP-1-30 in 2011. In January 2016, PCE was detected at all depths in VP-1 with concentrations ranging from 5,300 µg/m^3 in VP-1-5 to 47,000 µg/m^3 in VP-1-30. Although PCE concentrations increased slightly at the 5, 10, and 30 foot depths in January 2016 compared to the October 2015 sampling event, the concentrations at VP-1 were still well below the soil gas cleanup goals. In January 2016, TCE was detected at all depths in VP-1 with concentrations ranging from 80 µg/m^3 in VP-1-5 to 410 µg/m^3 in VP-1-30. The highest historical detection of TCE in VP-1 was 110,000 µg/m^3 in VP-1-30 in 2008.

In January 2016, PCE was detected at all depths in VP-3 with concentrations ranging from 280 µg/m^3 at VP-3-5 to 16,000 µg/m^3 at VP-3-30. Although PCE concentrations increased slightly at each depth in January 2016 compared to the October 2015 sampling event, the concentrations at VP-3 were still well below the soil gas cleanup goals. Prior to the operation of the SVE system, the highest historical detection of PCE in VP-3 was 170,000 µg/m^3 in VP-3-20 in 2011. In January 2016, TCE was detected at the 10, 20, and 30 foot depths with concentrations of 160 µg/m^3, 1,800 µg/m^3, and 6,200 µg/m^3, respectively. The highest historical detection of TCE in VP-3 was 60,000 µg/m^3 in VP-3-30 in 2011. Cis-1,2-DCE was detected at VP-3-20 with a concentration of 670 µg/m^3, and also at VP-3-30 with a concentration of 70,000 µg/m^3, which was the highest cis-1,2-DCE concentration detected during the January 2016 sampling event (although still well below the soil gas cleanup goal).

When VP-4R was installed in October 2013, PCE concentrations ranged from 41,000 µg/m^3 in VP-4R-5 to 280,000 µg/m^3 in VP-4R-30, and TCE concentrations ranged from 1,400 µg/m^3 in VP-4R-5 to 38,000 µg/m^3 in VP-4R-30. In January 2016, PCE concentrations ranged from 490 µg/m^3 in VP-4R-5 to 7,100 µg/m^3 in VP-4R-30. TCE concentrations were observed at VP-4R-20 and VP-4R-30 in January 2016 with concentrations of 190 µg/m^3 and 170 µg/m^3, respectively.

4.2.3 Soil Vapor Point Sampling Results in AOC#3

SVP well clusters VP-2 and VP-5 are located in AOC#3 with wells intervals at 5, 10, 20, and 30 feet bgs. VP-5 was sampled in January 2016 as part of the soil gas rebound testing event. PCE was detected at all depths in VP-5 with concentrations ranging from 320 µg/m^3 in VP-5-5 to 1,500 µg/m^3 in VP-5-30. PCE concentrations decreased at the 5 and 20 foot depths compared to the October 2015 sampling event when concentrations ranged from 400 µg/m^3 in VP-5-5 to 1,300 µg/m^3 in VP-5-20. Prior to the operation of the SVE system, the highest historical detection of PCE at VP-5 was 36,000 µg/m^3 in VP-5-20 in 2011. In January 2016, TCE was detected at the 20 and 30 foot depths with concentrations of 250 µg/m^3 and 290 µg/m^3, respectively. Prior to operation of the SVE system, the highest historical detection of TCE in VP-5 was 35,000 µg/m^3 in VP-5-20 in 2011.

4.2.4 Soil Vapor Point Sampling Results in AOC#4

SVP well cluster VP-7, the only SVP within AOC#4, has wells screened at 5, 10, 20, and 30 feet bgs. VP-7 was not sampled in January 2016 as part of the soil gas rebound testing event. In October 2015, PCE concentrations at VP-7 ranged from 2,600 µg/m^3 in VP-7-10 to 3,400 µg/m^3 in VP-7-30.

4.3 SOIL VAPOR EXTRACTION WELL SAMPLING RESULTS

SVE-1 through SVE-11 were installed in October 2013 as part of the SVE system installation. Each extraction well contains 10-foot screens set between approximately 20 and 30 feet bgs. SVE-1 through SVE-7 are located within the general area of AOC#2, SVE-8 and SVE-10 are located within the general area of AOC#1, and SVE-9 and SVE-11 are located within the general area of AOC#3. As discussed previously in **Section 3.3**, the eleven SVE wells were not sampled due to the SVE system being shut down since July 2015 for rebound testing. Historical analytical results for VOCs in soil vapor are summarized in **Table 7**.

4.4 SVE SYSTEM OPERATIONAL AND SAMPLING RESULTS

Since startup of the SVE system in December 2013, concentrations observed at several of the SVE wells have decreased significantly. While the SVE system was operating, the flow rates at the extraction points were set to maximize air flow from the SVE points with the highest concentrations in order to maximize mass removal. Prior to shut down for rebound testing on July 17, 2015, the SVE system had been operating by monthly cycling of the SVE points between two separate sets of SVE points since November 2014 in order to further optimize the system's operations and mass removal. Historical operational data from the SVE system is summarized in **Table 8**. **Table 9** summarizes the operational history of the SVE system from startup through the system's shutdown in July 2015.

Prior to shutting down the system for rebound testing, soil vapor samples were collected from the SVE system's combined influent, between the GAC adsorbers, and the SVE systems' stack effluent. Historical analytical data from the SVE system's combined influent, between the two GAC treatment vessels, and the SVE system's stack effluent are summarized in **Tables 10, 11, and 12**, respectively.

The mass of VOCs removed from the subsurface were calculated using the combined influent concentrations, average flow rate, and hours of operation. When the SVE system was initially started for equipment testing procedures in December 2013, the PCE mass removal was approximately 9 to 13 pounds of PCE per day. Prior to shutting down the system for rebound testing, the PCE mass removal rate ranged from approximately 0.16 to 0.23 pounds of PCE per day (**Table 10** and **Figure 8**). Through July 17, 2015, the SVE system removed approximately 195 pounds of PCE and approximately 254 pounds of total VOCs from the subsurface (**Table 10** and **Figure 9**).

*** * * * ***

5.0 NATURAL ATTENUATION

5.1 GROUNDWATER

The water quality parameters, including oxygen reduction potential (ORP) and dissolved oxygen (DO), are summarized in **Table 4**. The historical natural attenuation parameters nitrate, sulfate, ferrous iron and methane are presented in **Table 6**.

The groundwater concentration trend graphs presented in **Appendix D** show a decreasing trend of PCE, TCE, and cis-1,2-DCE concentrations over time in all the monitoring wells with detectable VOC concentrations. This indicates the residual VOC plume in attenuating over time. Biodegradation of PCE can occur under anaerobic conditions via reductive dechlorination sequentially to TCE, cis-1,2-DCE, trans-1,2-DCE, vinyl chloride and finally ethene. Water quality parameters, the concentrations of daughter products, and the ratio of the sum of daughter product concentrations to the concentrations of PCE were used to evaluate biodegradation in the groundwater plume. The DO concentrations measured at onsite wells near the source area, located in the northeast portion of the Site, were generally above 1 mg/L and might indicate that conditions are aerobic and not conducive to reductive dechlorination. However, indications of reductive dechlorination of the PCE plume have been observed down gradient of the source area including low DO concentrations, low or negative ORP readings and elevated daughter product to parent ratios. Historically, MW-9A has exhibited the strongest indications of reductive dechlorination with a DO concentration of 0.77 mg/L and a daughter product to parent ratio of 7.63 when last sampled in March 2016. At MW-9A, the ORP measurement was 33 millivolts (mV) in March 2016, but the historical ORP measurements have been negative. In addition, elevated daughter product to parent ratios have been observed at wells MW-7, MW-10A, MW-12, and MW-16A.

* * * * *

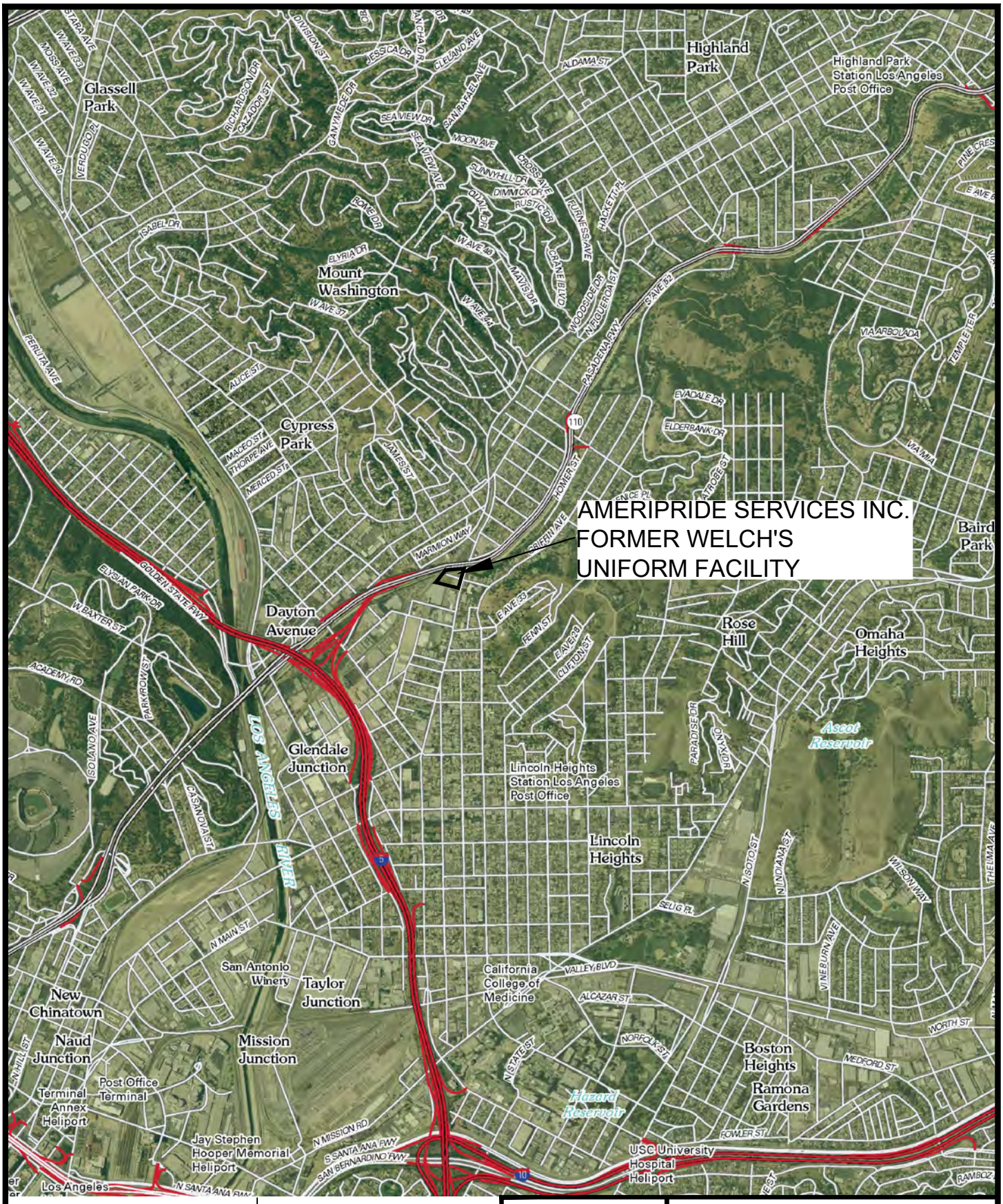
6.0 RECOMMENDATIONS AND CONCLUSIONS

Based on the performance of the soil vapor extraction system and the sampling results to date, the following is recommended or has occurred at the Site:

- As presented in the *Request for NFA of the SVE system and Site Closure* letter dated April 20, 2016, the cumulative COPC cancer risk for all depths was below the target cancer risk of less than or equal to 1 x 10^{-5}, and the cumulative COPC noncancer hazard (hazard index) for all sampling depths is below the target noncancer hazard (hazard index) of less than or equal to 1.0. Therefore, since the remedial action has been met, permanent shutdown and no further action (NFA) of the SVE system was requested, in addition to well decommissioning and Site closure. On June 21, 2016, Burns & McDonnell met with DTSC personnel regarding the NFA and Site Closure request. During the meeting, it was agreed upon that the remedial objective presented in the RAW had been met for commercial/industrial land use and that no further active remediation was needed. It was also agreed that the SVE system could be decommissioned as long as a land use covenant (LUC) is prepared, limiting Site land use to commercial/industrial. The DTSC indicated that they will prepare a letter stating that the SVE system can be decommissioned, provide Burns & McDonnell an example LUC letter, and provide suggestions for future groundwater monitoring at the Site that could be incorporated into a future agreement.
- As discussed above, the DTSC indicated that they are currently preparing a letter stating NFA for the SVE system and that the SVE system can be decommissioned. It is anticipated that the SVE system will be decommissioned and removed from the Site and the soil vapor points abandoned by the end of 2016.
- As stated in previous monitoring reports, it was recommended to abandon and seal MW-2, MW-8A, and MW-9B based on VOC concentrations below the California EPA MCLs for several years. The wells have been removed from the annual monitoring plan, and upon DTSC approval, we will schedule the abandonment. Additional monitoring wells to be abandoned will be discussed depending on the DTSC suggestions regarding the future groundwater monitoring schedule at the Site, and will likely be abandoned during the SVE decommissioning event by the end of 2016. The Second Semi-Annual 2016 groundwater monitoring event is tentatively scheduled for September 2016; however, groundwater monitoring may be changed to an annual basis only, and therefore would not occur until March 2017. The sampling schedule will depend upon the DTSC suggestions regarding the continued groundwater monitoring at the Site.

* * * * *

FIGURES



N

0 2500' 5000'

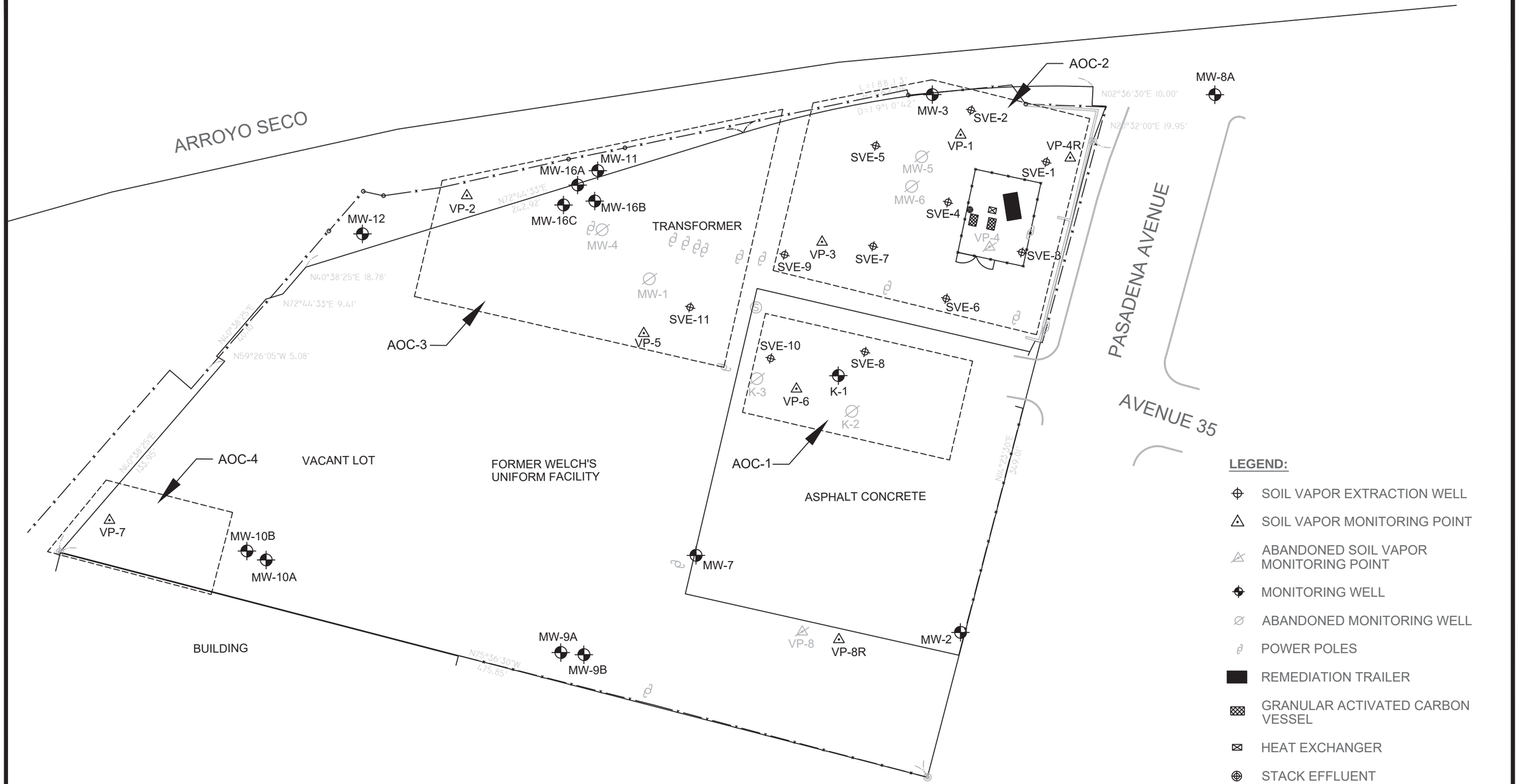
SCALE IN FEET

BURNS McDONNELL

Figure 1
SITE LOCATION MAP
AMERIPRIDE SERVICES INC.
3505 PASADENA AVENUE
LOS ANGELES, CALIFORNIA

COPYRIGHT © 2015 BURNS & McDONNELL ENGINEERING COMPANY, INC.

\\MMN-FPS-001\Data\Projects\AmeriPride\82586 Los Angeles\Cad\MSP CAD Files\65805\2015\07 JUL



COPYRIGHT © 2015 BURNS & McDONNELL ENGINEERING COMPANY, INC.

BURNS McDONNELL

date AUG. 06, 2015

designed S. RYNO

FIGURE 2

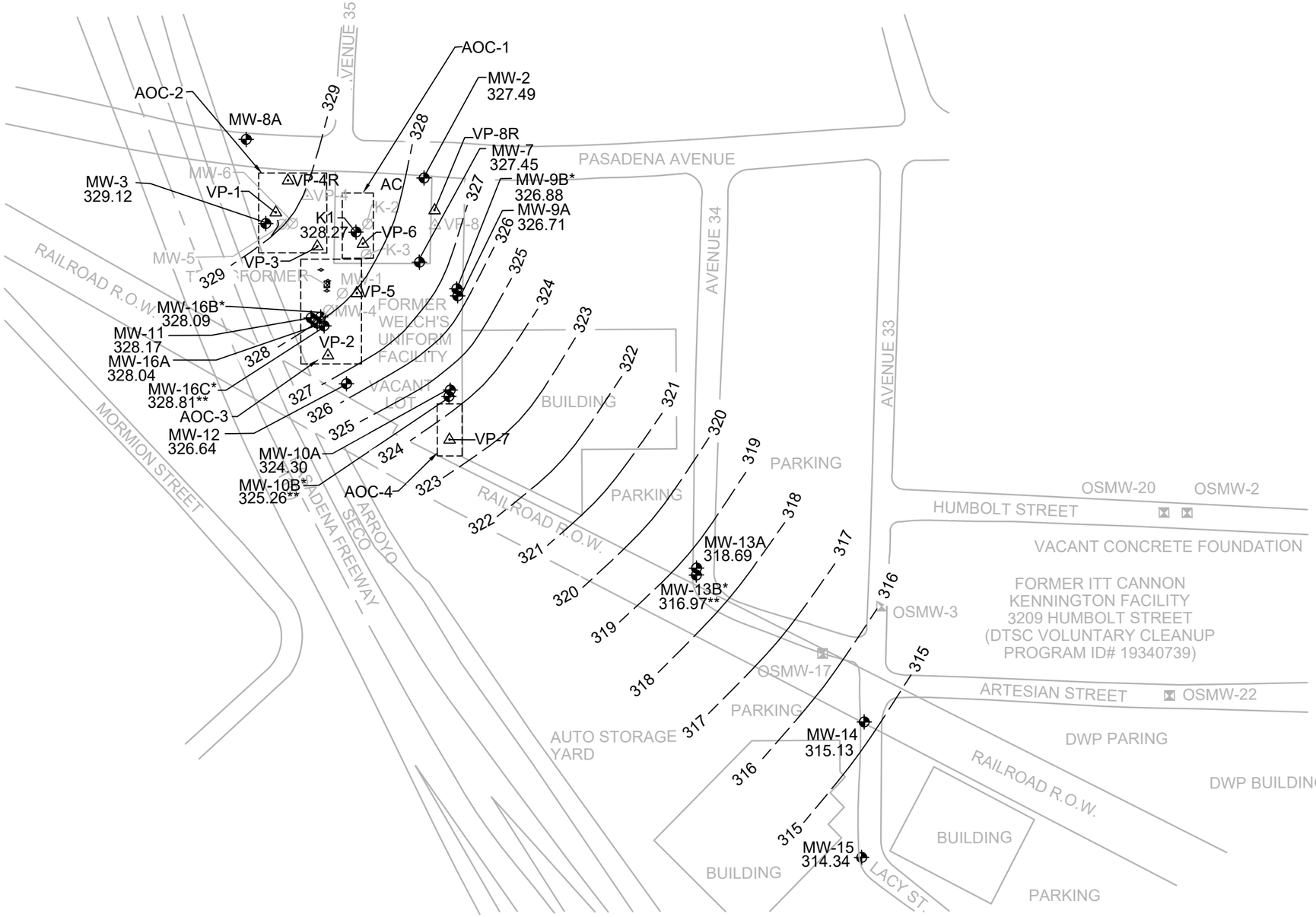
SVE SYSTEM AND WELL LOCATIONS
AMERIPRIDE SERVICES INC.
3505 PASADENA AVENUE
LOS ANGELES, CALIFORNIA

project 89698

contract AMERIPRIDE

SVE FIG 2

\\MMN-FPS-001\Data\Projects\AmeriPride\82586 Los Angeles\Cad\MSP CAD Files\65805\2015\07 JUL



LEGEND:

⌖	MONITORING WELL
MW-10A 323.91	GROUNDWATER ELEVATION (FEET ABOVE MEAN SEA LEVEL)
∅	ABANDONED/DESTROYED MONITORING WELL
⊠	OFFSITE MONITORING WELL (APPROXIMATE LOCATION) (NOT OWNED BY AMERIPRIDE)
△	SOIL VAPOR POINTS
AC	ASPHALT CONCRETE SURFACE
-o-	SURVEYED POWER POLES
AOC-1	FORMER MOTOR VEHICLE FUELING AREA
AOC-2	FORMER DRY CLEANING AREA
AOC-3	FORMER DRIVEWAY AREA
AOC-4	SOUTHWEST CORNER OF SITE
—317—	GROUNDWATER CONTOUR ELEVATION ABOVE MEAN SEA LEVEL (DASHED WHERE INFERRED)
*	DEEPER SCREENED WELL
**	NOT USED FOR CONTOURING

N□□E:

GROUNDWATER ELEVATION DATA COLLECTED ON MARCH 15, 2016.

N

0 200' 400'

SCALE IN FEET

COPYRIGHT © 2016 BURNS & McDONNELL ENGINEERING COMPANY, INC.

BURNS McDONNELL

date JUNE 3, 2016

designed E. BRENEGAN

FIGURE □

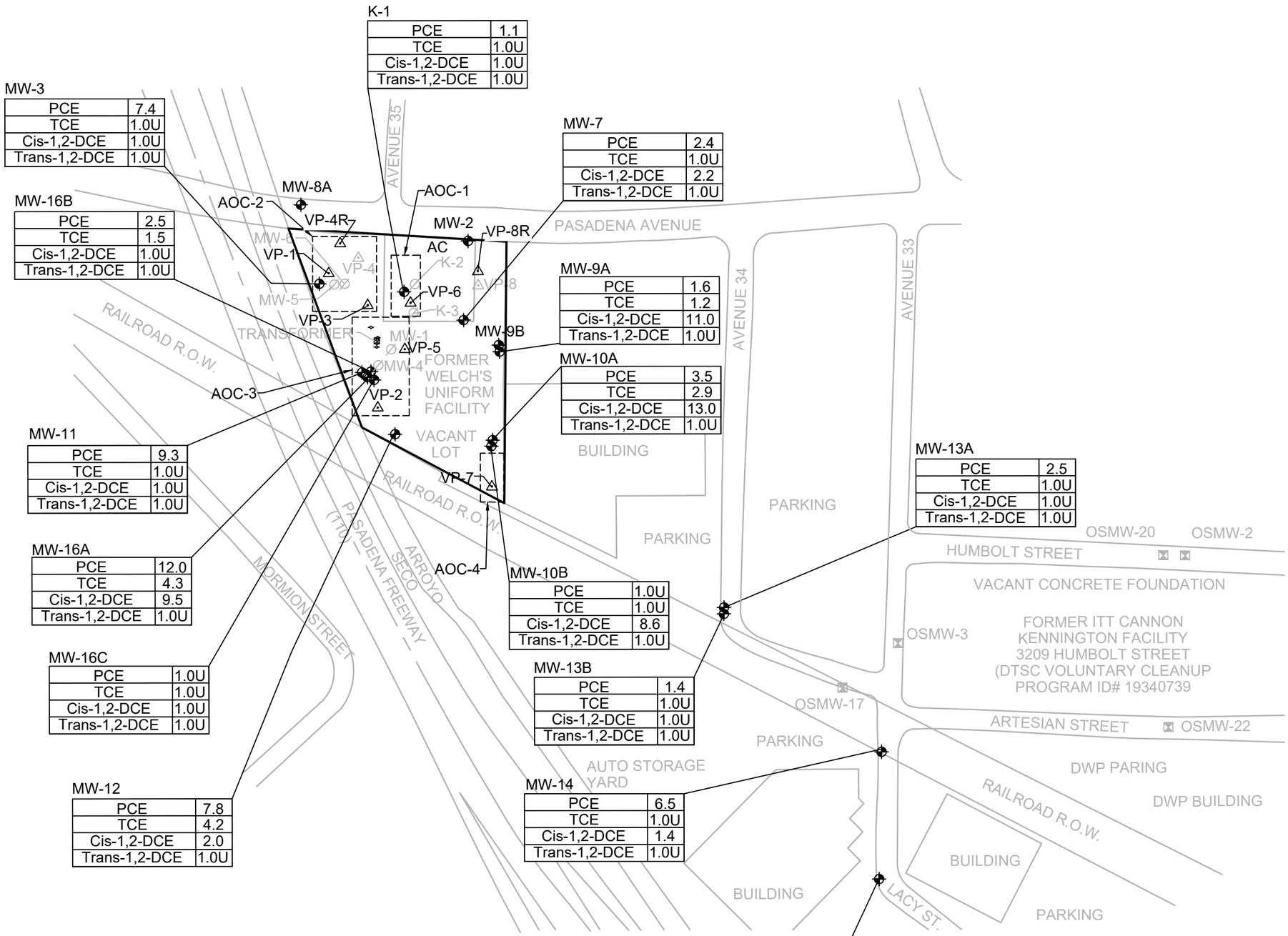
GROUNDWATER CONTOUR MAP
FIRST SEMI-ANNUAL 2016
AMERIPRIDE SERVICES INC.
3505 PASADENA AVENUE
LOS ANGELES, CALIFORNIA

project 89698

contract AMERIPRIDE

S□ □ FIG 0□

\\MMN-FPS-001\Data\Projects\AmeriPride\82586 Los Angeles\Cad\MSP CAD Files\65805\2016\06 JUNE\FIG 03



LEGEND:

⌖	MONITORING WELL
∅	ABANDONED/DESTROYED MONITORING WELL
⊠	OFFSITE MONITORING WELL (APPROXIMATE LOCATION) (NOT OWNED BY AMERIPRIDE)
△	SOIL VAPOR POINTS
AC	ASPHALT CONCRETE SURFACE
⊸	SURVEYED POWER POLES
AOC-1	FORMER MOTOR VEHICLE FUELING AREA
AOC-2	FORMER DRY CLEANING AREA
AOC-3	DRIVEWAY AREA
AOC-4	SOUTHWEST CORNER OF SITE
U	CONSTITUENT NOT DETECTED AT VALUE SHOWN 100U
µg/L	ALL CONCENTRATIONS IN MICROGRAMS PER LITER (µg/L)
——	SITE BOUNDARY

N□□E:

1. GROUNDWATER SAMPLES COLLECTED MARCH 15 AND 16, 2016.

N

0 200' 400'

SCALE IN FEET

COPYRIGHT © 2016 BURNS & McDONNELL ENGINEERING COMPANY, INC.

BURNS McDONNELL

date JUNE 3, 2016

designed W. HIRST

FIGURE □

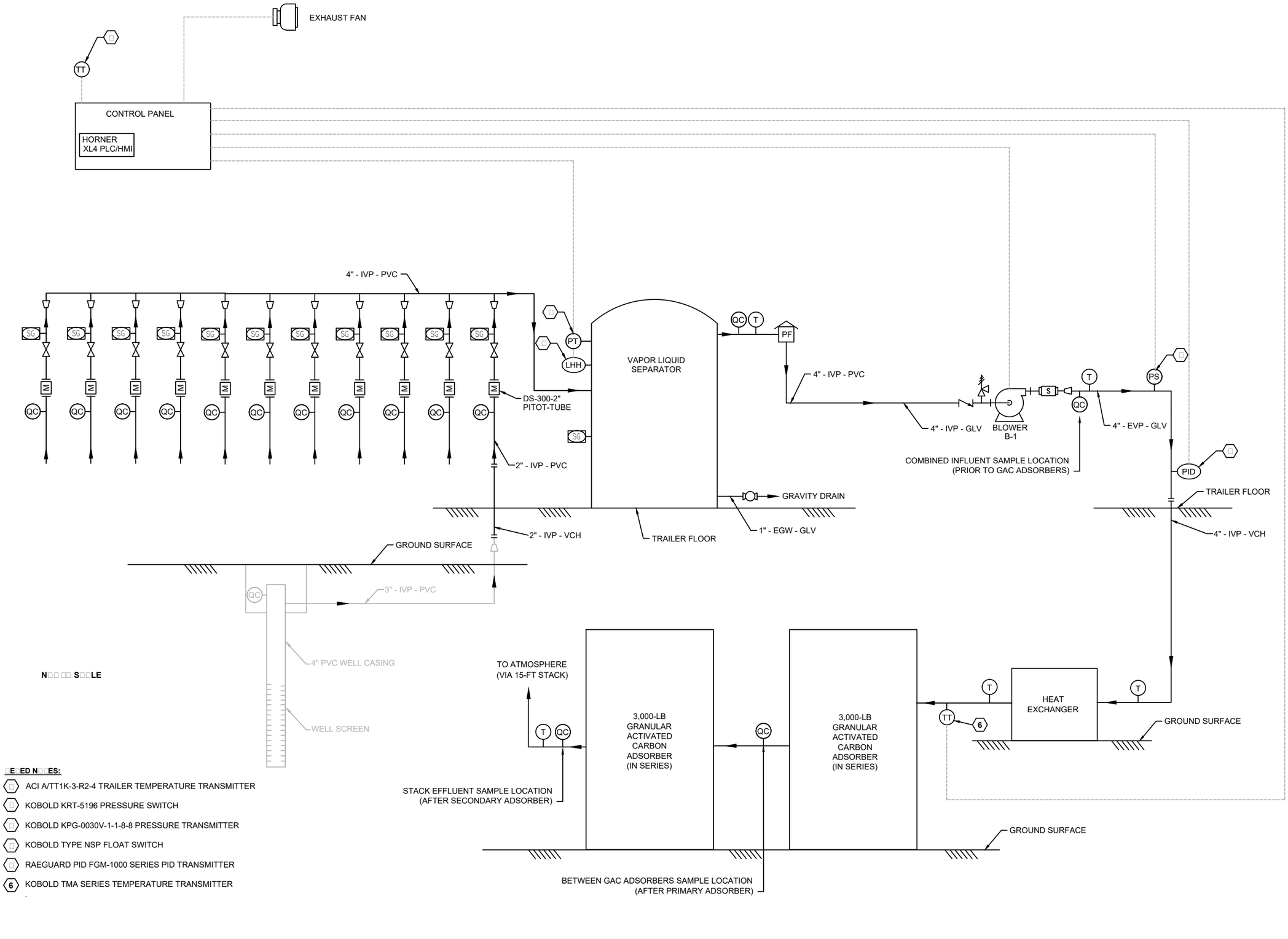
VOC'S IN GROUNDWATER
FIRST SEMI-ANNUAL 2016
AMERIPRIDE SERVICES INC.
3505 PASADENA AVENUE
LOS ANGELES, CALIFORNIA

project 89698

contract AMERIPRIDE

S□ □ FIG 0□

\\MMN-FPS-001\Data\Projects\AmeriPride\82586 Los Angeles\Cad\MSP CAD Files\65805\2016\06 JUNE\FIG 04



□E□ED N□□ES:

- □ ACI A/TT1K-3-R2-4 TRAILER TEMPERATURE TRANSMITTER
- □ KOBOLD KRT-5196 PRESSURE SWITCH
- □ KOBOLD KPG-0030V-1-1-8-8 PRESSURE TRANSMITTER
- □ KOBOLD TYPE NSP FLOAT SWITCH
- □ RAEGUARD PID FGM-1000 SERIES PID TRANSMITTER
- 6 KOBOLD TMA SERIES TEMPERATURE TRANSMITTER

COPYRIGHT © 2009 BURNS & McDONNELL ENGINEERING COMPANY, INC.

BURNS McDONNELL

date	detailed
08/06/15	E. DULLE
designed	checked
J. HESEMANN	J. HESEMANN

AMERIPRIDE SERVICES INC.
3505 N. PASADENA AVENUE
LOS ANGELES, CALIFORNIA

REMEDI□□□N S□S□EM S□E□IFI□□□□NS

PROCESS AND INSTRUMENTATION DIAGRAM

project	contract
82586	

drawing rev.

FIGURE □

sheet 1 of 1 sheets

file DPVE_SpecsPkg.DWG

VP-5				
FEET BGS	5	10	20	30
PCE	320	590	1,200	1,500
TCE	80U	80U	250	290
cis-1,2-DCE	400U	400U	400U	400U
trans-1,2-DCE	400U	400U	400U	400U

VP-2*				
FEET BGS	5	10	20	30
PCE	360	350	410	510
TCE	80U	80U	80U	80
cis-1,2-DCE	400U	400U	400U	400U
trans-1,2-DCE	400U	400U	400U	400U

VP-1				
FEET BGS	5	10	20	30
PCE	5,300	16,000	33,000	47,000
TCE	80	200	390	410
cis-1,2-DCE	400U	400U	400U	400U
trans-1,2-DCE	400U	400U	400U	400U

VP-4R				
FEET BGS	5	10	20	30
PCE	490	2,000	5,300	7,100
TCE	80U	80U	190	170
cis-1,2-DCE	400U	400U	400U	400U
trans-1,2-DCE	400U	400U	400U	400U

VP-3				
FEET BGS	5	10	20	30
PCE	280	800	8,100	16,000
TCE	80U	160	1,800	6,200
cis-1,2-DCE	400U	400U	670	70,000
trans-1,2-DCE	400U	400U	400U	400U

VP-6				
FEET BGS	5	10	20	30
PCE	270	690	2,200	2,100
TCE	80U	80U	150	160
cis-1,2-DCE	400U	400U	400U	400U
trans-1,2-DCE	400U	400U	400U	400U

VP-7*				
FEET BGS	5	10	20	30
PCE	3,300	2,600	3,100	3,400
TCE	210	120	80U	80U
cis-1,2-DCE	400U	400U	400U	400U
trans-1,2-DCE	400U	400U	400U	400U

VP-8R*				
FEET BGS	5	10	20	30
PCE	80U	80U	250	220
TCE	80U	80U	80U	80U
cis-1,2-DCE	400U	400U	400U	400U
trans-1,2-DCE	400U	400U	400U	400U

AOC-3
AOC-2
AOC-4
AOC-1
MW-8A
MW-3
SVE-2
VP-1
VP-4R
SVE-5
MW-5
SVE-1
MW-6
SVE-4
VP-4
SVE-3
VP-3
SVE-7
SVE-6
MW-11
MW-16A
MW-16B
MW-16C
VP-2
N72°44'33"E 242.92'
MW-4
TRANSFORMER
SVE-9
MW-12
N40°38'25"E 18.78'
N72°44'33"E 9.41'
N40°38'25"E 40.10'
N59°26'05"W 5.08'
MW-1
SVE-11
VP-5
SVE-10
SVE-8
K-3
K-1
VP-6
K-2
N14°23'30"E 349.01'
VACANT LOT
FORMER WELCH'S UNIFORM FACILITY
ASPHALT CONCRETE
N40°38'25"E 133.95'
VP-7
MW-10B
MW-10A
BUILDING
MW-7
MW-9A
MW-9B
N75°36'30"W 475.85'
VP-8
VP-8R
MW-2
N02°36'30"E 10.00'
N20°32'00"E 19.95'
L=188.13'
R=562.05'
D=19°10'42"

NOTES:
SOIL VAPOR SAMPLES COLLECTED ON JANUARY 18 AND 19, 2016

*SOIL VAPOR SAMPLES COLLECTED ON OCTOBER 19 AND 20, 2015

ALL CONCENTRATIONS IN MICROGRAMS PER METER CUBED (µg/m³)

U - CONSTITUENT NOT DETECTED AT VALUE SHOWN

PCE - TETRACHLOROETHENE

TCE - TRICHLOROETHENE

DCE - DICHLOROETHENE

N

0 50' 100'
SCALE IN FEET

LEGEND:

- SOIL VAPOR EXTRACTION WELL
- SOIL VAPOR MONITORING POINT
- ABANDONED SOIL VAPOR MONITORING POINT
- MONITORING WELL
- ABANDONED MONITORING WELL
- POWER POLES
- REMEDIATION TRAILER
- GRANULAR ACTIVATED CARBON VESSEL
- HEAT EXCHANGER
- STACK EFFLUENT

BURNS McDONNELL

date FEB. 16, 2016
designed W. HIRST

FIGURE 6
VOCs IN SOIL VAPOR POINTS
SIX MONTHS AFTER SVE SHUTDOWN
AMERIPRIDE SERVICES INC.
3505 PASADENA AVENUE
LOS ANGELES, CALIFORNIA

project 89698
contract AMERIPRIDE
SVE FIG 06

COPYRIGHT © 2015 BURNS & McDONNELL ENGINEERING COMPANY, INC.

\\MMN-FPS-001\Data\Projects\AmeriPride\82586 Los Angeles\Cad\MSP CAD Files\65805\2016

FIGURE 7
SVE SYSTEM: COMBINED INFLUENT PCE CONCENTRATIONS
AmeriPride Services Inc.
3505 N. Pasadena Ave., Los Angeles, CA
Burns & McDonnell Project No. 89698

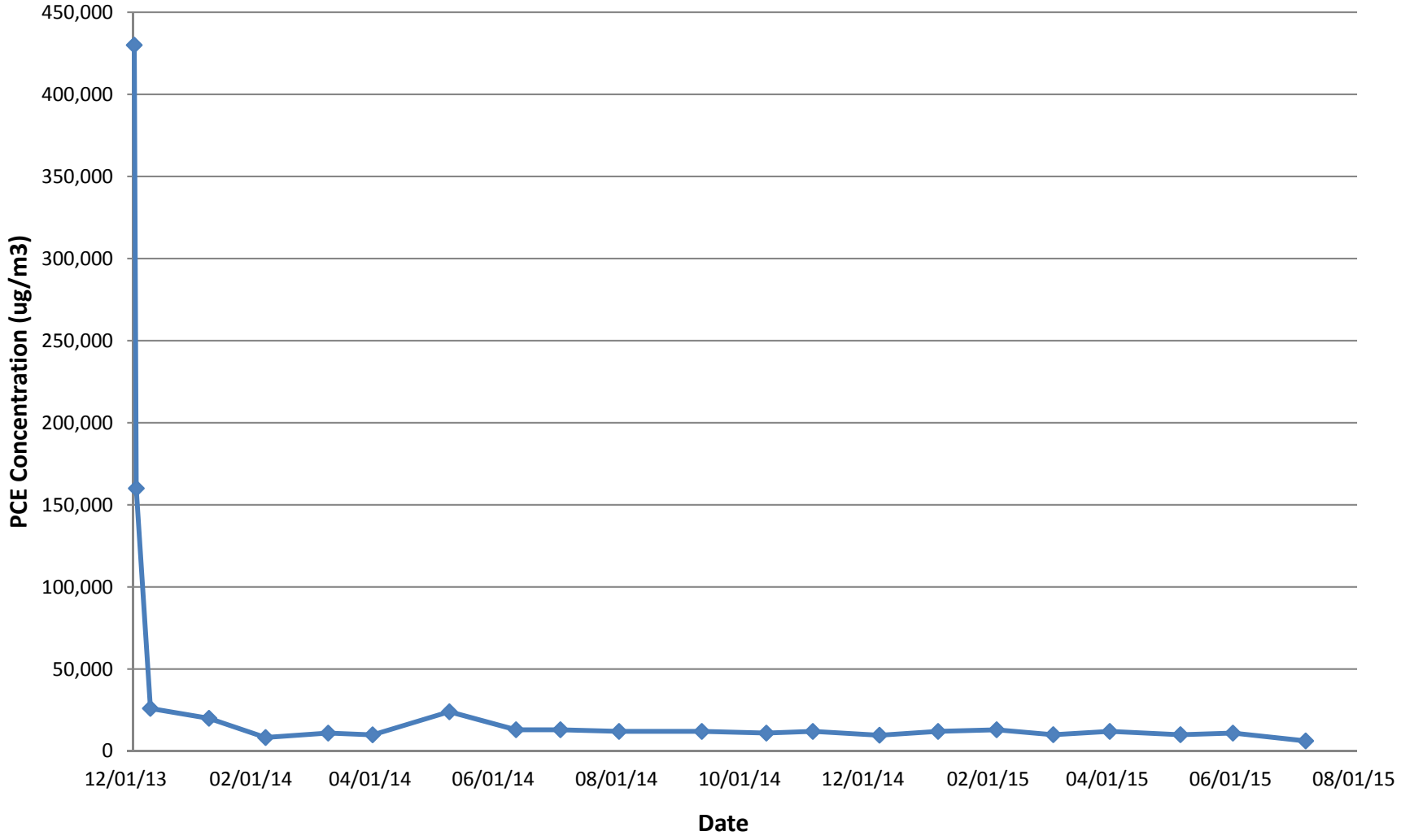


FIGURE 8
SVE SYSTEM: MASS REMOVAL CHART
POUNDS REMOVED PER DAY
AmeriPride Services Inc.
3505 N. Pasadena Ave., Los Angeles, CA

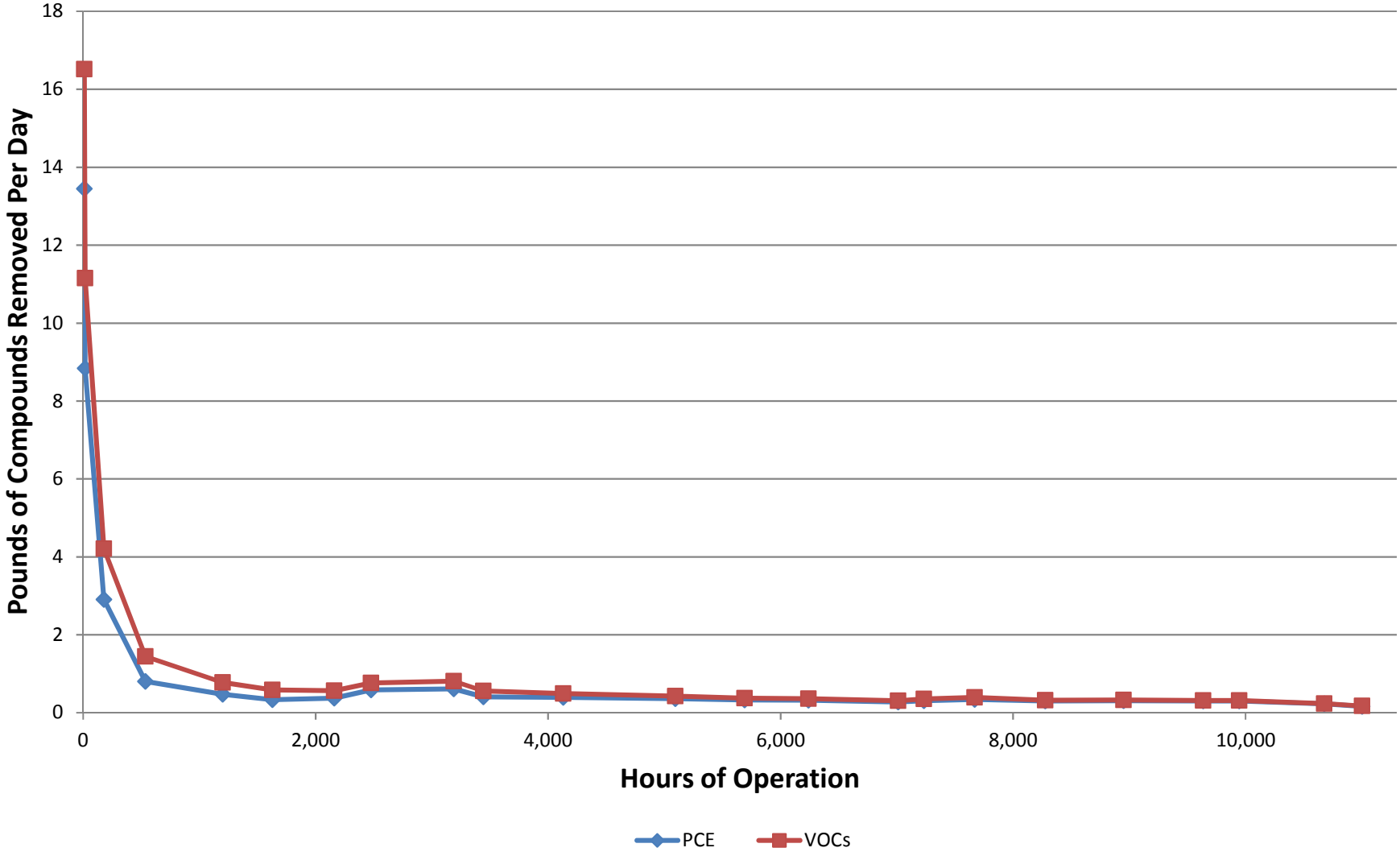
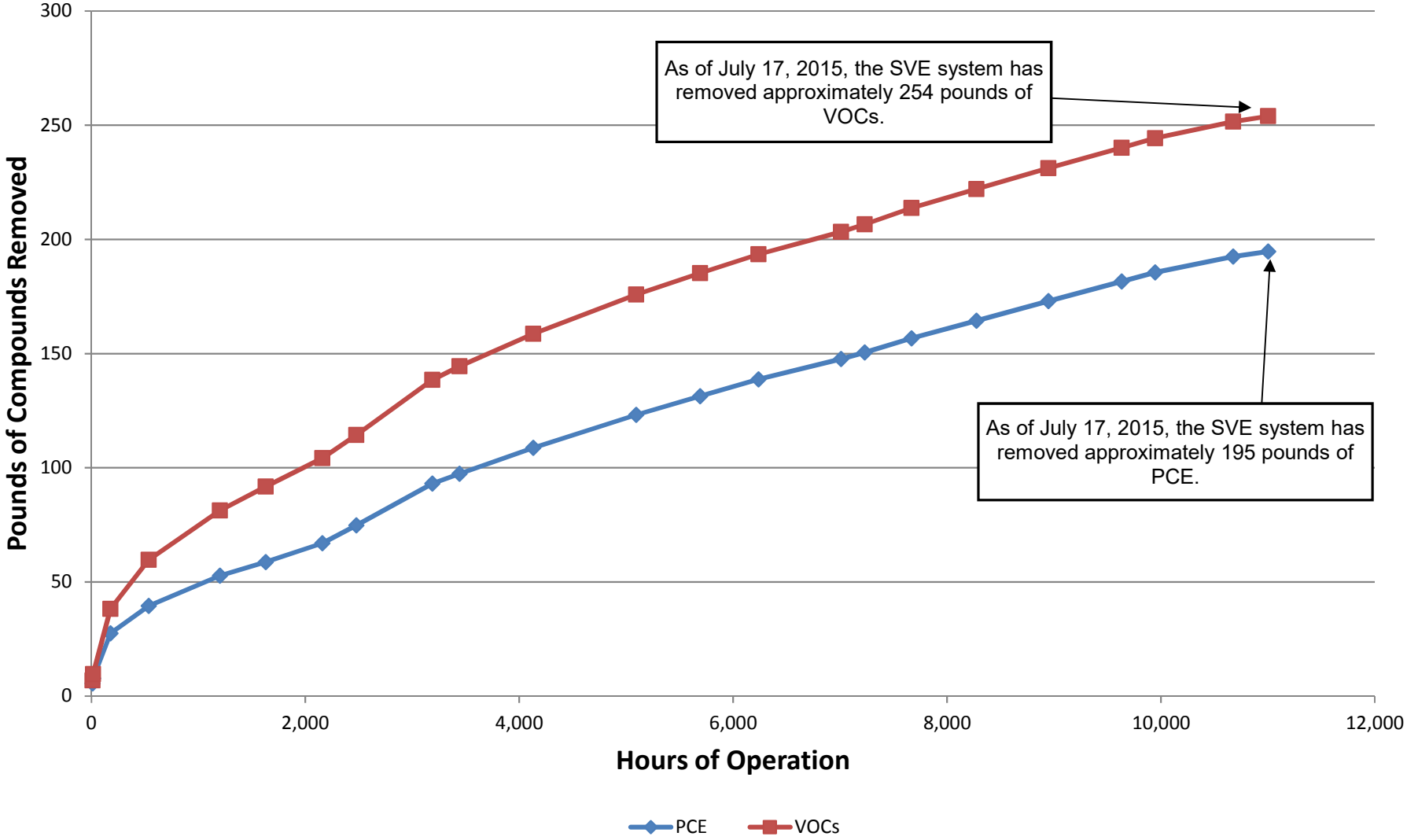


FIGURE 9
SVE SYSTEM: MASS REMOVAL CHART
POUNDS REMOVED TO-DATE
AmeriPride Services Inc.
3505 N. Pasadena Ave., Los Angeles, CA



TABLES

Table 1A
Monitoring Well Construction Details
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadene Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Well ID	Date Installed	Top of casing Elevation (ft msl)	Borehole Diameter (in)	Casing Diameter (in)	Slot Size (in)	Screen Interval (ft bgs)	Sand Pack (ft bgs)	Blank Interval (ft bgs)	Seal Interval (ft bgs)	Surface Seal Interval (ft bgs)	Notes
MW-2	12/7/88	367.75	10	4	0.02	24-69	22-69	0-24	19-22	1-19	
MW-3	12/7/88	366.76	10	4	0.02	24-69	22-69	0-24	19-22	1-19	Retrofit well monument-5/31/06
MW-7	2/6/89	364.02	10	4	0.02	25-70	23-70	0-25	20-23	1-20	
MW-8A	9/1/00	373.46	10	4	0.02	30-60	27-65	0-30	24-27	1-24	Well in street found paved over-9/11/14
MW-9A	11/6/89	363.81	10	4	0.02	29-59	26-59	0-29	24-26	1-24	
MW-9B	11/7/89	363.76	10	4	0.02	58-89	55.5-89	0-58	53.5-55.5	1-53.5	Retrofit well monument-12/21/09
MW-10A	11/8/89	364.35	10	4	0.02	29-61	27.5-61	0-29	25-27.5	1-25	Retrofit well monument-12/21/09
MW-10B	11/8/89	364.22	10	4	0.02	59-89	49.5-89	0-59	47-49.5	1-47	Retrofit well monument-12/21/09
MW-11	8/28/00	367.45	10	4	0.02	25-55	22-55	0-25	19-22	1-19	Well restored to service 09/04/08
MW-12	8/29/00	365.76	10	4	0.02	25-55	21-55	0-25	18-21	1-19	Well restored to service 09/04/08
MW-13A	8/30/00	360.06	10	4	0.02	32-62	29-64	0-32	26-29	1-26	Retrofit well monument-12/21/09
MW-13B	8/31/00	360.27	10	4	0.02	70-90	68-96	0-70	65-68	2.5-65	Retrofit well monument-12/21/09
MW-14	9/5/02	356.67	10	4	0.02	35-55	33-55	0-35	29-33	2-29	
MW-15	9/6/02	354.20	10	4	0.02	35-55	33-55	0-35	29-33	2-29	
MW-16A	4/10/06	364.84	10	4	0.02	30-45	28-45.5	0-30	25-28	1-25	
MW-16B	4/10/06	365.61	10	4	0.02	59-69	57-69.5	0-59	49-57	1-49	
MW-16C	4/11/06	365.10	10	4	0.02	83-93	80-95	0-83	70-80	1-70	
K-1	1987	367.77	---	4		??-69	---	---	---	---	2-inch reducer
Non-Operable Wells											
MW-1	11/21/88	363.47	10	4	0.02	24-69	22-69	0-24	19-22	1-19	Abandoned 3/26/01
MW-4	12/8/88	364.39	10	4	0.02	28-73	26-73	0-28	23-26	1-23	Lost 07/28/08
MW-5	1/20/89	364.46	10	4	0.02	25-70	23-70	0-25	20-23	1-20	Abandoned 3/26/01
MW-6	1/20/89	364.59	10	4	0.02	25-70	23-70	0-25	20-23	1-20	Abandoned 3/26/01
MW-8	11/6/89	370.48	10	4	0.02	25-65	22-65	0-25	19-22	1-19	Abandoned 3/25/01
K-2	1987	365.53	---	2	---	??-55	---	---	---	---	Abandoned 7/28/08
K-3	1987	365.41	---	4	---	??-56	---	---	---	---	Abandoned 12/18/09

Notes:

ft msl Feet as referenced to mean sea level

ft bgs Feet below ground surface

Damaged = MW-4 has been lost/destroyed; attempts to relocate the well in 7/08 were unsuccessful.

?? Data Unavailable = K-1 through K-3 were installed by Kleinfelder in 1987 as wells MW-1 through MW-3. A partial report was available for review.

Survey History:	**Date**	**Top-of-Casing Suveyed**
Case Land Surveying, Inc.	2/21/1989	
Towill Survey, Inc.	7/24/1998	MW-3, MW-4, MW-7, MW-9A, MW-9B, MW-10A, MW-10B, K-1
Case Land Surveying, Inc.	11/16/1989	
Towill Survey, Inc.	9/20/2000	MW-5, MW-6, MW-8
Thienes Engineering, Inc.	11/11/2002	MW-2, MW-3, MW-4, MW-7, MW-8A, MW-9A, MW-9B, MW-10A, MW-10B, MW-11, MW-12, MW-13A, MW-13B, K-3
WM Holdings, Inc.	7/11/2006	MW-2, MW-7, MW-8A, MW-9A, MW-9B, MW-10A, MW-10B, MW-13A, MW-13B, MW-14, MW-15
WM Holdings, Inc.	June-Aug, 2008	
	12/21/2009	MW-2, MW-3, MW-7, MW-8A, MW-9A, MW-11, MW-12, MW-14, MW-15, MW-16A, MW-16B, MW-16C, K-1, OSMW-3, OSMW-17

Table 1B
Soil Vapor Point Construction Details
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadene Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Well ID	Date Installed	Borehole Diameter (in)	Casing Diameter (in)	Slot Size (in)	Screen Interval (ft bgs)	Sand Pack (ft bgs)	Blank Interval (ft bgs)	Seal Interval (ft bgs)	Total Boring Depth (ft bgs)	Notes
VP-1-5	07/08/08	8	0.25	0.020	4.8-5.2	4.6-5.6	0-4.8	2-4.6	70	
VP-1-10	07/08/08	8	0.25	0.020	9.8-10.2	9.6-10.6	0-9.8	5.6-9.6	70	
VP-1-20	07/08/08	8	0.25	0.020	19.8-20.2	19.6-20.6	0-19-8	10.6-19.6	70	
VP-1-30	07/08/08	8	0.25	0.020	29.8-30.2	29.6-30.6	0-29.8	20.6-29.8	70	
VP-2-5	07/10/08	8	0.25	0.020	4.8-5.2	4.6-5.6	0-4.8	2-4.6	40	
VP-2-10	07/10/08	8	0.25	0.020	9.8-10.2	9.6-10.6	0-9.8	5.6-9.6	40	
VP-2-20	07/10/08	8	0.25	0.020	19.8-20.2	19.6-20.6	0-19-8	10.6-19.6	40	
VP-2-30	07/10/08	8	0.25	0.020	29.8-30.2	29.6-30.6	0-29.8	20.6-29.8	40	
VP-3-5	07/09/08	8	0.25	0.020	4.8-5.2	4.6-5.6	0-4.8	2-4.6	40	
VP-3-10	07/09/08	8	0.25	0.020	9.8-10.2	9.6-10.6	0-9.8	5.6-9.6	40	
VP-3-20	07/09/08	8	0.25	0.020	19.8-20.2	19.6-20.6	0-19-8	10.6-19.6	40	
VP-3-30	07/09/08	8	0.25	0.020	29.8-30.2	29.6-30.6	0-29.8	20.6-29.8	40	
VP-4-5	07/08/08	8	0.25	0.020	4.8-5.2	4.6-5.6	0-4.8	2-4.6	40	Well abandoned and sealed 10/25/2013
VP-4-10	07/08/08	8	0.25	0.020	9.8-10.2	9.6-10.6	0-9.8	5.6-9.6	40	Well abandoned and sealed 10/25/2013
VP-4-20	07/08/08	8	0.25	0.020	19.8-20.2	19.6-20.6	0-19-8	10.6-19.6	40	Well abandoned and sealed 10/25/2013
VP-4-30	07/08/08	8	0.25	0.020	29.8-30.2	29.6-30.6	0-29.8	20.6-29.8	40	Well abandoned and sealed 10/25/2013
VP-4R-5	10/24/13	8	0.25	0.020	4.5-5.0	4.2-5.3	0-4.5	1-4.2	30.5	
VP-4R-10	10/24/13	8	0.25	0.020	9.5-10.0	9.2-10.3	0-9.5	5.3-19.2	30.5	
VP-4R-20	10/24/13	8	0.25	0.020	19.5-20.0	19.2-20.3	0-19.5	20.3-29.2	30.5	
VP-4R-30	10/24/13	8	0.25	0.020	29.5-30.0	29.2-30.3	0-29.5	20.3-29.2	30.5	
VP-5-5	07/10/08	8	0.25	0.020	4.8-5.2	4.6-5.6	0-4.8	2-4.6	40	
VP-5-10	07/10/08	8	0.25	0.020	9.8-10.2	9.6-10.6	0-9.8	5.6-9.6	40	
VP-5-20	07/10/08	8	0.25	0.020	19.8-20.2	19.6-20.6	0-19-8	10.6-19.6	40	
VP-5-30	07/10/08	8	0.25	0.020	29.8-30.2	29.6-30.6	0-29.8	20.6-29.8	40	
VP-6-5	07/09/08	8	0.25	0.020	4.8-5.2	4.6-5.6	0-4.8	2-4.6	40	
VP-6-10	07/09/08	8	0.25	0.020	9.8-10.2	9.6-10.6	0-9.8	5.6-9.6	40	
VP-6-20	07/09/08	8	0.25	0.020	19.8-20.2	19.6-20.6	0-19-8	10.6-19.6	40	
VP-6-30	07/09/08	8	0.25	0.020	29.8-30.2	29.6-30.6	0-29.8	20.6-29.8	40	
VP-7-5	07/07/08	8	0.25	0.020	4.8-5.2	4.6-5.6	0-4.8	2-4.6	30	
VP--7-10	07/07/08	8	0.25	0.020	9.8-10.2	9.6-10.6	0-9.8	5.6-9.6	30	
VP-7-20	07/07/08	8	0.25	0.020	19.8-20.2	19.6-20.6	0-19-8	10.6-19.6	30	
VP-7-30	07/07/08	8	0.25	0.020	29.8-30.2	29.6-30.6	0-29.8	20.6-29.8	30	
VP-8-5	07/07/08	8	0.25	0.020	4.8-5.2	4.6-5.6	0-4.8	2-4.6	30	Well abandoned and sealed 10/25/2013
VP-8-20	07/07/08	8	0.25	0.020	19.8-20.2	19.6-20.6	0-19-8	10.6-19.6	30	Well abandoned and sealed 10/25/2013
VP-8-30	07/07/08	8	0.25	0.020	29.8-30.2	29.6-30.6	0-29.8	20.6-29.8	30	Well abandoned and sealed 10/25/2013
VP-8R-5	10/25/13	8	0.25	0.020	4.5-5.0	4.2-5.3	0-4.5	1-4.2	30.5	
VP-8R-10	10/25/13	8	0.25	0.020	9.5-10.0	9.2-10.3	0-9.5	5.3-19.2	30.5	
VP-8R-20	10/25/13	8	0.25	0.020	19.5-20.0	19.2-20.3	0-19.5	20.3-29.2	30.5	
VP-8R-30	10/25/13	8	0.25	0.020	29.5-30.0	29.2-30.3	0-29.5	20.3-29.2	30.5	
SVE-1	10/22/13	8	4.00	0.020	20.0-30.0	18.0-30.5	0-20.0	3.0-18.0	30.5	Surface Elevation (not collected)
SVE-2	10/22/13	8	4.00	0.020	20.0-30.0	18.0-30.5	0-20.0	3.0-18.0	30.5	Surface Elevation (365.58)
SVE-3	10/22/13	8	4.00	0.020	20.0-30.0	18.0-30.5	0-20.0	3.0-18.0	30.5	Surface Elevation (365.48)
SVE-4	10/21/13	8	4.00	0.020	20.0-30.0	18.0-30.5	0-20.0	3.0-18.0	30.5	Surface Elevation (364.64)
SVE-5	10/21/13	8	4.00	0.020	20.0-30.0	18.0-30.5	0-20.0	3.0-18.0	30.5	Surface Elevation (364.24)
SVE-6	10/22/13	8	4.00	0.020	20.0-30.0	18.0-30.5	0-20.0	3.0-18.0	30.5	Surface Elevation (365.11)
SVE-7	10/23/13	8	4.00	0.020	20.0-30.0	18.0-30.5	0-20.0	3.0-18.0	30.5	Surface Elevation (364.53)
SVE-8	10/24/13	8	4.00	0.020	20.0-30.0	18.0-30.5	0-20.0	3.0-18.0	30.5	Surface Elevation (634.90)
SVE-9	10/23/13	8	4.00	0.020	20.0-30.0	18.0-30.5	0-20.0	3.0-18.0	30.5	Surface Elevation (364.48)
SVE-10	10/24/13	8	4.00	0.020	20.0-30.0	18.0-30.5	0-20.0	3.0-18.0	30.5	Surface Elevation (634.85)
SVE-11	10/23/13	8	4.00	0.020	20.0-30.0	18.0-30.5	0-20.0	3.0-18.0	30.5	Surface Elevation (364.73)

Notes:

ft bgs	Feet below ground surface
in	Inches
Tubing	1/4 inch nylon tubing
Screen	Stainless steel 6 inch 3/8 inch diameter screen with 0.020 in slots

VP-4R and VP-8R

5 feet	Yellow Tape
10 feet	Red Tape
20 feet	Green Tape
30 Feet	Blue Tape

Table 2
Groundwater Elevations
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadene Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (ft msl)	DEPTH TO WATER (ft toc)	STATIC GROUNDWATER ELEVATION (ft msl)	LIQUID PRODUCT THICKNESS (In)
MW-1	04/05/89	364.64	34.71	329.93	ND
MW-1	03/05/90	364.64	---	---	2.0
MW-1	08/22/91	364.64	34.70	329.94	ND
MW-1	07/20/98	---	---	---	---
MW-1	11/30/99	---	---	---	---
MW-1	03/15/00	---	---	---	---
MW-1	06/29/00	---	---	---	---
MW-1	09/20/00	363.47	---	---	---
MW-1	03/26/01	---	---	---	---
MW-2	04/05/89	367.47	38.11	329.36	ND
MW-2	03/05/90	367.47	---	---	ND
MW-2	08/22/91	367.47	38.07	329.40	ND
MW-2	07/20/98	367.08	38.89	328.19	ND
MW-2	11/30/99	367.08	37.92	329.16	ND
MW-2	03/15/00	367.08	37.04	330.04	ND
MW-2	06/29/00	367.08	37.13	329.95	ND
MW-2	09/20/00	367.08	37.56	329.52	ND
MW-2	12/04/00	367.08	37.88	329.20	ND
MW-2	03/26/01	367.08	36.39	330.69	ND
MW-2	05/16/01	367.08	36.65	330.43	ND
MW-2	08/20/01	367.08	37.21	329.87	ND
MW-2	12/17/01	367.08	37.81	329.27	ND
MW-2	02/27/02	367.08	38.02	329.06	ND
MW-2	06/03/02	367.08	38.27	328.81	ND
MW-2	08/12/02	367.08	38.25	328.83	ND
MW-2	11/11/02	367.75	38.44	329.31	ND
MW-2	03/10/03	367.75	37.64	330.11	ND
MW-2	05/19/03	367.75	36.86	330.89	ND
MW-2	08/25/03	367.75	37.44	330.31	ND
MW-2	11/17/03	367.75	37.67	330.08	ND
MW-2	03/22/04	367.75	37.06	330.69	ND
MW-2	05/17/04	367.75	37.32	330.43	ND
MW-2	08/16/04	367.75	37.91	329.84	ND
MW-2	11/15/04	367.75	37.50	330.25	ND
MW-2	03/15/05	367.75	34.30	333.45	ND
MW-2	06/13/05	367.75	35.88	331.87	ND
MW-2	08/24/05	367.75	36.58	331.17	ND
MW-2	12/21/05	367.75	37.13	330.62	ND
MW-2	05/31/06	367.03	36.56	330.47	ND
MW-2	09/13/06	367.03	37.27	329.76	ND
MW-2	12/22/06	367.03	37.78	329.25	ND
MW-2	03/20/07	367.03	37.97	329.06	ND
MW-2	06/19/07	367.03	38.14	328.89	ND

Table 2
Groundwater Elevations
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadene Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (ft msl)	DEPTH TO WATER (ft toc)	STATIC GROUNDWATER ELEVATION (ft msl)	LIQUID PRODUCT THICKNESS (In)
MW-2	09/18/07	367.03	38.35	328.68	ND
MW-2	01/02/08	367.03	38.16	328.87	ND
MW-2	09/04/08	367.03	37.97	329.06	ND
MW-2	03/04/09	367.03	37.83	329.20	ND
MW-2	12/21/09	369.83	41.55	328.28	ND
MW-2	06/29/10	369.83	40.65	329.18	ND
MW-2	03/14/11	369.83	39.41	330.42	ND
MW-2	09/14/11	369.83	39.97	329.86	ND
MW-2	03/21/12	369.83	40.64	329.19	ND
MW-2	09/06/12	369.83	41.12	328.71	ND
MW-2	03/06/13	369.83	41.31	328.52	ND
MW-2	11/11/13	369.83	41.81	328.02	ND
MW-2	03/11/14	369.83	41.94	327.89	ND
MW-2	09/11/14	369.83	42.30	327.53	ND
MW-2	10/19/15	369.83	42.61	327.22	ND
MW-2	03/15/16	369.83	42.34	327.49	ND
MW-3	04/05/89	364.64	---	---	0.25
MW-3	03/05/90	364.64	---	---	2.0
MW-3	08/22/91	364.64	33.45	331.19	ND
MW-3	07/21/98	364.30	31.42	332.88	ND
MW-3	11/30/99	364.30	33.51	330.79	ND
MW-3	03/15/00	364.30	32.54	331.76	ND
MW-3	06/29/00	364.30	32.67	331.63	ND
MW-3	09/20/00	364.30	33.12	331.18	ND
MW-3	12/05/00	364.30	33.43	330.87	ND
MW-3	03/27/01	364.30	31.79	332.51	ND
MW-3	05/17/01	364.30	32.08	332.22	ND
MW-3	08/21/01	364.30	32.76	331.54	ND
MW-3	12/17/01	364.30	33.36	330.94	ND
MW-3	02/27/02	364.30	33.58	330.72	ND
MW-3	06/03/02	364.30	33.81	330.49	ND
MW-3	08/12/02	364.30	33.79	330.51	ND
MW-3	11/11/02	364.39	34.04	330.35	ND
MW-3	03/10/03	364.39	33.11	331.28	ND
MW-3	05/19/03	364.39	32.31	332.08	ND
MW-3	08/25/03	364.39	32.97	331.42	ND
MW-3	11/17/03	364.39	33.22	331.17	ND
MW-3	03/22/04	364.39	32.52	331.87	ND
MW-3	05/17/04	364.39	32.81	331.58	ND
MW-3	08/16/04	364.39	33.46	330.93	ND
MW-3	11/15/04	364.39	33.05	331.34	ND
MW-3	03/15/05	364.39	29.70	334.69	ND
MW-3	06/13/05	364.39	31.35	333.04	ND

Table 2
Groundwater Elevations
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadene Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (ft msl)	DEPTH TO WATER (ft toc)	STATIC GROUNDWATER ELEVATION (ft msl)	LIQUID PRODUCT THICKNESS (In)
MW-3	08/24/05	364.39	32.08	332.31	ND
MW-3	12/21/05	364.39	32.61	331.78	ND
MW-3	05/31/06	366.76	34.50	332.26	ND
MW-3	09/13/06	366.76	35.81	330.95	ND
MW-3	12/22/06	366.76	35.74	331.02	ND
MW-3	03/21/07	366.76	35.96	330.80	ND
MW-3	06/20/07	366.76	36.18	330.58	ND
MW-3	09/18/07	366.76	36.40	330.36	ND
MW-3	01/02/08	366.76	36.16	330.60	ND
MW-3	09/04/08	366.76	35.92	330.84	ND
MW-3	03/04/09	366.76	35.50	331.26	ND
MW-3	12/21/09	366.76	36.81	329.95	ND
MW-3	06/29/10	366.76	35.96	330.80	ND
MW-3	03/14/11	366.76	34.53	332.23	ND
MW-3	09/14/11	366.76	35.21	331.55	ND
MW-3	03/21/12	366.76	35.93	330.83	ND
MW-3	09/06/12	366.76	36.42	330.34	ND
MW-3	03/06/13	366.76	36.55	330.21	ND
MW-3	11/11/13	366.76	37.19	329.57	ND
MW-3	03/11/14	366.76	37.25	329.51	ND
MW-3	09/11/14	366.76	37.63	329.13	ND
MW-3	03/02/15	366.76	37.57	329.19	ND
MW-3	10/19/15	366.76	37.93	328.83	ND
MW-3	03/15/16	366.76	37.64	329.12	ND
MW-4	04/05/89	364.59	---	---	0.25
MW-4	03/05/90	364.59	---	---	5.0
MW-4	08/22/91	364.59	34.79	329.80	ND
MW-4	07/20/98	364.29	32.71	331.58	ND
MW-4	11/30/99	364.29	34.60	329.69	ND
MW-4	03/15/00	364.29	33.65	330.64	ND
MW-4	06/29/00	364.29	33.84	330.45	ND
MW-4	09/20/00	364.29	34.23	330.06	ND
MW-4	12/05/00	364.29	34.53	329.76	ND
MW-4	03/27/01	364.29	33.03	331.26	ND
MW-4	05/17/01	364.29	33.36	330.93	ND
MW-4	08/21/01	364.29	33.92	330.37	ND
MW-4	12/17/01	364.29	34.46	329.83	ND
MW-4	02/27/02	364.29	34.68	329.61	ND
MW-4	06/03/02	364.29	34.91	329.38	ND
MW-4	08/12/02	364.29	34.90	329.39	ND
MW-4	11/11/02	364.39	35.07	329.32	ND
MW-4	03/10/03	364.39	---	---	---
MW-4	05/19/03	364.39	33.50	330.89	---

Table 2
Groundwater Elevations
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadene Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (ft msl)	DEPTH TO WATER (ft toc)	STATIC GROUNDWATER ELEVATION (ft msl)	LIQUID PRODUCT THICKNESS (In)
MW-4	08/25/03	364.39	34.09	330.30	ND
MW-4	11/17/03	364.39	34.30	330.09	ND
MW-4	03/22/04	364.39	33.63	330.76	ND
MW-4	05/17/04	364.39	33.94	330.45	ND
MW-4	08/16/04	364.39	34.55	329.84	ND
MW-4	11/15/04	364.39	34.10	330.29	ND
MW-4	03/15/05	364.39	31.10	333.29	ND
MW-4	06/13/05	364.39	32.68	331.71	ND
MW-4	08/24/05	364.39	---	---	---
MW-4	12/21/05	364.39	---	---	---
MW-4	07/28/08	364.39	---	---	---
MW-5	04/05/89	364.74	33.86	330.88	ND
MW-5	03/05/90	364.74	---	---	ND
MW-5	07/16/91	364.74	---	---	4.0
MW-5	08/22/91	364.74	33.70	331.04	ND
MW-5	11/30/99	---	---	---	---
MW-5	03/15/00	---	---	---	---
MW-5	06/29/00	---	---	---	---
MW-5	09/20/00	364.46	---	---	---
MW-5	12/04/00	364.46	---	---	---
MW-5	03/26/01	---	---	---	---
MW-6	04/05/89	364.81	34.10	330.71	ND
MW-6	03/05/90	364.81	---	---	9.5
MW-6	08/22/91	---	---	---	---
MW-6	11/30/99	---	---	---	---
MW-6	03/15/00	---	---	---	---
MW-6	06/29/00	---	---	---	---
MW-6	09/20/00	364.59	---	---	---
MW-6	12/04/00	364.59	---	---	---
MW-6	03/26/01	---	---	---	---
MW-7	04/05/89	365.07	35.91	329.16	ND
MW-7	03/05/90	365.07	---	---	0.7
MW-7	08/22/91	365.07	35.16	329.91	ND
MW-7	07/20/98	363.91	32.89	331.02	ND
MW-7	11/30/99	363.91	35.80	328.11	ND
MW-7	03/15/00	363.91	33.85	330.06	ND
MW-7	06/29/00	363.91	33.99	329.92	ND
MW-7	09/20/00	363.91	34.42	329.49	ND
MW-7	12/04/00	363.91	34.75	329.16	ND
MW-7	03/26/01	363.91	33.25	330.66	ND
MW-7	05/16/01	363.91	33.53	330.38	ND

Table 2
Groundwater Elevations
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadene Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (ft msl)	DEPTH TO WATER (ft toc)	STATIC GROUNDWATER ELEVATION (ft msl)	LIQUID PRODUCT THICKNESS (In)
MW-7	08/20/01	363.91	34.08	329.83	ND
MW-7	12/17/01	363.91	34.66	329.25	ND
MW-7	02/27/02	363.91	34.87	329.04	ND
MW-7	06/03/02	363.91	35.13	328.78	ND
MW-7	08/12/02	363.91	35.11	328.80	ND
MW-7	11/11/02	364.02	35.27	328.75	ND
MW-7	03/10/03	364.02	34.47	329.55	ND
MW-7	05/19/03	364.02	33.73	330.29	ND
MW-7	08/25/03	364.02	34.30	329.72	ND
MW-7	11/17/03	364.02	34.52	329.50	ND
MW-7	03/22/04	364.02	33.93	330.09	ND
MW-7	05/17/04	364.02	34.18	329.84	ND
MW-7	08/16/04	364.02	34.78	329.24	ND
MW-7	11/15/04	364.02	34.39	329.63	ND
MW-7	03/15/05	364.02	31.40	332.62	ND
MW-7	06/13/05	364.02	32.90	331.12	ND
MW-7	08/24/05	364.02	33.48	330.54	ND
MW-7	12/21/05	364.02	33.92	330.10	ND
MW-7	05/31/06	363.88	33.45	330.43	ND
MW-7	09/13/06	363.88	34.15	329.73	ND
MW-7	12/22/06	363.88	34.67	329.21	ND
MW-7	03/21/07	363.88	34.80	329.08	ND
MW-7	06/20/07	363.88	34.97	328.91	ND
MW-7	09/18/07	363.88	35.19	328.69	ND
MW-7	01/02/08	363.88	35.00	328.88	ND
MW-7	09/04/08	363.88	34.83	329.05	ND
MW-7	03/04/09	363.88	34.65	329.23	ND
MW-7	12/21/09	367.21	38.90	328.31	ND
MW-7	06/29/10	367.21	38.06	329.15	ND
MW-7	03/14/11	367.21	36.83	330.38	ND
MW-7	09/14/11	367.21	37.40	329.81	ND
MW-7	03/21/12	367.21	38.13	329.08	ND
MW-7	09/06/12	367.21	38.53	328.68	ND
MW-7	03/06/13	367.21	38.69	328.52	ND
MW-7	11/11/13	367.21	39.24	327.97	ND
MW-7	03/11/14	367.21	39.29	327.92	ND
MW-7	09/11/14	367.21	39.73	327.48	ND
MW-7	03/02/15	367.21	39.66	327.55	ND
MW-7	10/19/15	367.21	40.03	327.18	ND
MW-7	03/15/16	367.21	39.76	327.45	ND
MW-8	03/05/90	370.65	38.46	332.19	ND
MW-8	08/22/91	---	---	---	---
MW-8	11/30/99	---	---	---	---

Table 2
Groundwater Elevations
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadene Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (ft msl)	DEPTH TO WATER (ft toc)	STATIC GROUNDWATER ELEVATION (ft msl)	LIQUID PRODUCT THICKNESS (In)
MW-8	03/15/00	---	---	---	---
MW-8	06/29/00	---	---	---	---
MW-8	09/20/00	370.48	---	---	---
MW-8	12/04/00	370.48	---	---	---
MW-8	03/26/01	---	---	---	---
MW-8A	09/19/00	373.40	41.19	332.21	ND
MW-8A	12/04/00	373.40	41.50	331.90	ND
MW-8A	03/26/01	373.40	39.84	333.56	ND
MW-8A	05/16/01	373.40	40.13	333.27	ND
MW-8A	08/20/01	373.40	40.81	332.59	ND
MW-8A	12/17/01	373.40	41.43	331.97	ND
MW-8A	02/27/02	373.40	41.63	331.77	ND
MW-8A	06/03/02	373.40	41.88	331.52	ND
MW-8A	08/12/02	373.40	41.89	331.51	ND
MW-8A	11/11/02	373.46	42.11	331.35	ND
MW-8A	03/10/03	373.46	41.17	332.29	ND
MW-8A	05/19/03	373.46	40.35	333.11	ND
MW-8A	08/25/03	373.46	41.04	332.42	ND
MW-8A	11/17/03	373.46	41.29	332.17	ND
MW-8A	03/22/04	373.46	40.58	332.88	ND
MW-8A	05/17/04	373.46	40.90	332.56	ND
MW-8A	08/16/04	373.46	41.54	331.92	ND
MW-8A	11/15/04	373.46	41.12	332.34	ND
MW-8A	03/15/05	373.46	37.50	335.96	ND
MW-8A	06/13/05	373.46	39.34	334.12	ND
MW-8A	08/24/05	373.46	40.05	333.41	ND
MW-8A	12/21/05	373.46	40.61	332.85	ND
MW-8A	06/05/06	373.40	40.09	333.31	ND
MW-8A	09/14/06	373.40	36.54	336.86	ND
MW-8A	12/21/06	373.40	23.35	350.05	ND
MW-8A	03/20/07	373.40	41.52	331.88	ND
MW-8A	06/19/07	373.40	41.75	331.65	ND
MW-8A	09/18/07	373.40	41.97	331.43	ND
MW-8A	01/02/08	373.40	41.70	331.70	ND
MW-8A	09/04/08	373.40	41.63	331.77	ND
MW-8A	03/04/09	373.40	41.36	332.04	ND
MW-8A	12/21/09	373.40	42.60	330.80	ND
MW-8A	06/29/10	373.40	41.46	331.94	ND
MW-8A	03/14/11	373.40	40.02	333.38	ND
MW-8A	09/14/11	373.40	40.74	332.66	ND
MW-8A	03/21/12	373.40	41.46	331.94	ND
MW-8A	09/06/12	373.40	41.99	331.41	ND
MW-8A	03/06/13	373.40	42.11	331.29	ND

Table 2
Groundwater Elevations
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadene Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (ft msl)	DEPTH TO WATER (ft toc)	STATIC GROUNDWATER ELEVATION (ft msl)	LIQUID PRODUCT THICKNESS (In)
MW-8A	11/11/13	373.40	42.77	330.63	ND
MW-8A	03/11/14	373.40	42.74	330.66	ND
MW-9A	03/05/90	363.86	35.62	328.24	ND
MW-9A	08/22/91	363.86	35.56	328.30	ND
MW-9A	07/20/98	363.71	33.61	330.10	ND
MW-9A	11/30/99	363.71	35.50	328.21	ND
MW-9A	03/15/00	363.71	34.65	329.06	ND
MW-9A	06/29/00	363.71	34.76	328.95	ND
MW-9A	09/19/00	363.71	35.17	328.54	ND
MW-9A	12/04/00	363.71	35.48	328.23	ND
MW-9A	03/26/01	363.71	34.02	329.69	ND
MW-9A	05/16/01	363.71	34.28	329.43	ND
MW-9A	08/20/01	363.71	34.83	328.88	ND
MW-9A	12/17/01	363.71	35.41	328.30	ND
MW-9A	02/27/02	363.71	35.60	328.11	ND
MW-9A	06/03/02	363.71	35.80	327.91	ND
MW-9A	08/12/02	363.71	35.81	327.90	ND
MW-9A	11/11/02	363.81	35.95	327.86	ND
MW-9A	03/10/03	363.81	35.25	328.56	ND
MW-9A	05/19/03	363.81	34.50	329.31	ND
MW-9A	08/25/03	363.81	35.05	328.76	ND
MW-9A	11/17/03	363.81	35.25	328.56	ND
MW-9A	03/22/04	363.81	34.95	328.86	ND
MW-9A	05/17/04	363.81	35.15	328.66	ND
MW-9A	08/16/04	363.81	35.48	328.33	ND
MW-9A	11/15/04	363.81	35.11	328.70	ND
MW-9A	03/15/05	363.81	32.10	331.71	ND
MW-9A	06/13/05	363.81	33.51	330.30	ND
MW-9A	08/24/05	363.81	34.42	329.39	ND
MW-9A	12/21/05	363.81	34.69	329.12	ND
MW-9A	05/31/06	363.68	34.17	329.51	ND
MW-9A	09/13/06	363.68	34.90	328.78	ND
MW-9A	12/22/06	363.68	35.40	328.28	ND
MW-9A	03/21/07	363.68	35.50	328.18	ND
MW-9A	06/19/07	363.68	35.68	328.00	ND
MW-9A	09/18/07	363.68	35.83	327.85	ND
MW-9A	01/02/08	363.68	35.67	328.01	ND
MW-9A	09/04/08	363.68	35.40	328.28	ND
MW-9A	03/04/09	363.68	35.34	328.34	ND
MW-9A	12/21/09	366.43	38.87	327.56	ND
MW-9A	06/29/10	366.43	38.03	328.40	ND
MW-9A	03/14/11	366.43	36.93	329.50	ND
MW-9A	09/14/11	366.43	37.49	328.94	ND

Table 2
Groundwater Elevations
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadene Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (ft msl)	DEPTH TO WATER (ft toc)	STATIC GROUNDWATER ELEVATION (ft msl)	LIQUID PRODUCT THICKNESS (In)
MW-9A	03/21/12	366.43	38.12	328.31	ND
MW-9A	09/06/12	366.43	38.59	327.84	ND
MW-9A	03/06/13	366.43	38.78	327.65	ND
MW-9A	11/11/13	366.43	39.30	327.13	ND
MW-9A	03/11/14	366.43	39.33	327.10	ND
MW-9A	09/11/14	366.43	39.72	326.71	ND
MW-9A	03/02/15	366.43	39.66	326.77	ND
MW-9A	10/19/15	366.43	39.99	326.44	ND
MW-9A	03/15/16	366.43	39.72	326.71	ND
MW-9B	03/05/90	363.86	35.61	328.25	ND
MW-9B	08/22/91	363.86	35.53	328.33	ND
MW-9B	07/20/98	363.61	33.60	330.01	ND
MW-9B	11/30/99	363.61	35.44	328.17	ND
MW-9B	03/15/00	363.61	34.51	329.10	ND
MW-9B	06/29/00	363.61	34.62	328.99	ND
MW-9B	09/19/00	363.61	34.98	328.63	ND
MW-9B	12/04/00	363.61	35.48	328.13	ND
MW-9B	03/26/01	363.61	33.82	329.79	ND
MW-9B	05/16/01	363.61	34.10	329.51	ND
MW-9B	08/20/01	363.61	34.67	328.94	ND
MW-9B	12/17/01	363.61	35.21	328.40	ND
MW-9B	02/27/02	363.61	35.37	328.24	ND
MW-9B	06/03/02	363.61	35.62	327.99	ND
MW-9B	08/12/02	363.61	35.61	328.00	ND
MW-9B	11/11/02	363.76	35.76	328.00	ND
MW-9B	03/10/03	363.76	34.97	328.79	ND
MW-9B	05/19/03	363.76	34.30	329.46	ND
MW-9B	08/25/03	363.76	34.84	328.92	ND
MW-9B	11/17/03	363.76	35.03	328.73	ND
MW-9B	03/22/04	363.76	34.39	329.37	ND
MW-9B	05/17/04	363.76	34.65	329.11	ND
MW-9B	08/16/04	363.76	35.22	328.54	ND
MW-9B	11/15/04	363.76	34.85	328.91	ND
MW-9B	03/15/05	363.76	31.70	332.06	ND
MW-9B	06/13/05	363.76	33.26	330.50	ND
MW-9B	08/24/05	363.76	33.92	329.84	ND
MW-9B	12/21/05	363.76	34.36	329.40	ND
MW-9B	05/31/06	363.58	33.91	329.67	ND
MW-9B	09/13/06	363.58	34.61	328.97	ND
MW-9B	12/22/06	363.58	35.10	328.48	ND
MW-9B	03/21/07	363.58	35.25	328.33	ND
MW-9B	06/19/07	363.58	35.42	328.16	ND
MW-9B	09/18/07	363.58	35.60	327.98	ND

Table 2
Groundwater Elevations
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadene Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (ft msl)	DEPTH TO WATER (ft toc)	STATIC GROUNDWATER ELEVATION (ft msl)	LIQUID PRODUCT THICKNESS (In)
MW-9B	01/02/08	363.58	35.31	328.27	ND
MW-9B	09/04/08	363.58	35.18	328.40	ND
MW-9B	03/04/09	363.58	35.50	328.08	ND
MW-9B	12/21/09	366.56	38.93	327.63	ND
MW-9B	06/29/10	366.56	38.10	328.46	ND
MW-9B	03/14/11	366.56	37.47	329.09	ND
MW-9B	09/14/11	366.56	37.42	329.14	ND
MW-9B	03/21/12	366.56	38.12	328.44	ND
MW-9B	09/06/12	366.56	38.55	328.01	ND
MW-9B	03/06/13	366.56	38.70	327.86	ND
MW-9B	11/11/13	366.56	39.21	327.35	ND
MW-9B	03/11/14	366.56	39.29	327.27	ND
MW-9B	09/11/14	366.56	39.68	326.88	ND
MW-9B	03/02/15	366.56	39.60	326.96	ND
MW-9B	10/19/15	366.56	39.95	326.61	ND
MW-9B	03/15/16	366.56	39.68	326.88	ND
MW-10A	03/05/90	364.28	38.33	325.95	ND
MW-10A	08/22/91	364.28	38.46	325.82	ND
MW-10A	07/20/98	364.23	37.07	327.16	ND
MW-10A	11/30/99	364.23	38.52	325.71	ND
MW-10A	03/15/00	364.23	37.74	326.49	ND
MW-10A	06/29/00	364.23	35.95	328.28	ND
MW-10A	09/19/00	364.23	38.30	325.93	ND
MW-10A	12/04/00	364.23	38.52	325.71	ND
MW-10A	03/26/01	364.23	37.15	327.08	ND
MW-10A	05/16/01	364.23	37.57	326.66	ND
MW-10A	08/20/01	364.23	38.06	326.17	ND
MW-10A	12/17/01	364.23	38.50	325.73	ND
MW-10A	02/27/02	364.23	38.63	325.60	ND
MW-10A	06/03/02	364.23	38.81	325.42	ND
MW-10A	08/12/02	364.23	38.83	325.40	ND
MW-10A	11/11/02	364.35	38.93	325.42	ND
MW-10A	03/10/03	364.35	38.26	326.09	ND
MW-10A	05/19/03	364.35	37.78	326.57	ND
MW-10A	08/25/03	364.35	38.24	326.11	ND
MW-10A	11/17/03	364.35	38.42	325.93	ND
MW-10A	03/22/04	364.35	37.85	326.50	ND
MW-10A	05/17/04	364.35	38.09	326.26	ND
MW-10A	08/16/04	364.35	38.58	325.77	ND
MW-10A	11/15/04	364.35	38.21	326.14	ND
MW-10A	03/15/05	364.35	35.40	328.95	ND
MW-10A	06/13/05	364.35	37.15	327.20	ND
MW-10A	08/24/05	364.35	37.70	326.65	ND

Table 2
Groundwater Elevations
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadene Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (ft msl)	DEPTH TO WATER (ft toc)	STATIC GROUNDWATER ELEVATION (ft msl)	LIQUID PRODUCT THICKNESS (In)
MW-10A	12/21/05	364.35	38.02	326.33	ND
MW-10A	05/31/06	364.18	37.64	326.54	ND
MW-10A	09/13/06	364.18	38.19	325.99	ND
MW-10A	12/22/06	364.18	38.58	325.60	ND
MW-10A	03/21/07	364.18	38.66	325.52	ND
MW-10A	06/20/07	364.18	38.77	325.41	ND
MW-10A	09/18/07	364.18	39.00	325.18	ND
MW-10A	01/02/08	364.18	38.84	325.34	ND
MW-10A	09/04/08	364.18	38.68	325.50	ND
MW-10A	03/04/09	364.18	38.44	325.74	ND
MW-10A	12/21/09	366.96	41.91	325.05	ND
MW-10A	06/29/10	366.96	41.35	325.61	ND
MW-10A	03/14/11	366.96	40.44	326.52	ND
MW-10A	09/14/11	366.96	40.85	326.11	ND
MW-10A	03/21/12	366.96	41.37	325.59	ND
MW-10A	09/06/12	366.96	41.77	325.19	ND
MW-10A	03/06/13	366.96	41.88	325.08	ND
MW-10A	11/11/13	366.96	42.30	324.66	ND
MW-10A	03/11/14	366.96	42.35	324.61	ND
MW-10A	09/11/14	366.96	42.68	324.28	ND
MW-10A	03/02/15	366.96	42.59	324.37	ND
MW-10A	10/19/15	366.96	42.94	324.02	ND
MW-10A	03/15/16	366.96	42.66	324.30	ND
MW-10B	03/05/90	364.28	37.63	326.65	ND
MW-10B	08/22/91	364.28	37.62	326.66	ND
MW-10B	07/20/98	364.13	35.92	328.21	ND
MW-10B	11/30/99	364.13	37.58	326.55	ND
MW-10B	03/15/00	364.13	36.71	327.42	ND
MW-10B	06/29/00	364.13	36.92	327.21	ND
MW-10B	09/19/00	364.13	37.37	326.76	ND
MW-10B	12/04/00	364.13	38.52	325.61	ND
MW-10B	03/26/01	364.13	36.26	327.87	ND
MW-10B	05/16/01	364.13	36.44	327.69	ND
MW-10B	08/20/01	364.13	36.97	327.16	ND
MW-10B	12/17/01	364.13	37.42	326.71	ND
MW-10B	02/27/02	364.13	37.56	326.57	ND
MW-10B	06/03/02	364.13	37.80	326.33	ND
MW-10B	08/12/02	364.13	37.79	326.34	ND
MW-10B	11/11/02	364.22	37.90	326.32	ND
MW-10B	03/10/03	364.22	37.15	327.07	ND
MW-10B	05/19/03	364.22	36.58	327.64	ND
MW-10B	08/25/03	364.22	37.11	327.11	ND
MW-10B	11/17/03	364.22	37.28	326.94	ND

Table 2
Groundwater Elevations
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadene Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (ft msl)	DEPTH TO WATER (ft toc)	STATIC GROUNDWATER ELEVATION (ft msl)	LIQUID PRODUCT THICKNESS (In)
MW-10B	03/22/04	364.22	36.67	327.55	ND
MW-10B	05/17/04	364.22	36.96	327.26	ND
MW-10B	08/16/04	364.22	37.48	326.74	ND
MW-10B	11/15/04	364.22	37.14	327.08	ND
MW-10B	03/15/05	364.22	34.00	330.22	ND
MW-10B	06/13/05	364.22	35.79	328.43	ND
MW-10B	08/24/05	364.22	36.40	327.82	ND
MW-10B	12/21/05	364.22	36.76	327.46	ND
MW-10B	05/31/06	364.07	36.31	327.76	ND
MW-10B	09/13/06	364.07	36.95	327.12	ND
MW-10B	12/22/06	364.07	37.30	326.77	ND
MW-10B	03/21/07	364.07	37.45	326.62	ND
MW-10B	06/20/07	364.07	37.62	326.45	ND
MW-10B	09/18/07	364.07	37.85	326.22	ND
MW-10B	01/02/08	364.07	37.62	326.45	ND
MW-10B	09/04/08	364.07	37.54	326.53	ND
MW-10B	03/04/09	364.07	37.32	326.75	ND
MW-10B	12/21/09	366.90	40.95	325.95	ND
MW-10B	06/29/10	366.90	40.31	326.59	ND
MW-10B	03/14/11	366.90	39.10	327.80	ND
MW-10B	09/14/11	366.90	39.64	327.26	ND
MW-10B	03/21/12	366.90	40.24	326.66	ND
MW-10B	09/06/12	366.90	40.62	326.28	ND
MW-10B	03/06/13	366.90	40.73	326.17	ND
MW-10B	11/11/13	366.90	41.25	325.65	ND
MW-10B	03/11/14	366.90	41.28	325.62	ND
MW-10B	09/11/14	366.90	41.68	325.22	ND
MW-10B	03/02/15	366.90	41.58	325.32	ND
MW-10B	10/19/15	366.90	41.93	324.97	ND
MW-10B	03/15/16	366.90	41.64	325.26	ND
MW-11	09/20/00	363.78	33.71	330.07	ND
MW-11	12/05/00	363.78	33.98	329.80	ND
MW-11	03/27/01	363.78	32.52	331.26	ND
MW-11	05/17/01	363.78	32.83	330.95	ND
MW-11	08/21/01	363.78	33.40	330.38	ND
MW-11	12/17/01	363.78	33.93	329.85	ND
MW-11	02/27/02	363.78	34.12	329.66	ND
MW-11	06/03/02	363.78	34.35	329.43	ND
MW-11	08/12/02	363.78	34.34	329.44	ND
MW-11	11/11/02	363.92	34.55	329.37	ND
MW-11	03/10/03	363.92	33.70	330.22	ND
MW-11	05/19/03	363.92	33.01	330.91	ND
MW-11	08/25/03	363.92	33.58	330.34	ND

Table 2
Groundwater Elevations
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadene Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (ft msl)	DEPTH TO WATER (ft toc)	STATIC GROUNDWATER ELEVATION (ft msl)	LIQUID PRODUCT THICKNESS (In)
MW-11	11/17/03	363.92	33.80	330.12	ND
MW-11	03/22/04	363.92	33.15	330.77	ND
MW-11	05/17/04	363.92	33.45	330.47	ND
MW-11	08/16/04	363.92	34.03	329.89	ND
MW-11	11/15/04	---	---	---	---
MW-11	03/15/05	---	---	---	---
MW-11	06/13/05	---	---	---	---
MW-11	08/24/05	---	---	---	---
MW-11	12/21/05	---	---	---	---
MW-11	05/31/06	---	---	---	---
MW-11	09/13/06	---	---	---	---
MW-11	09/04/08	367.45	37.77	329.68	ND
MW-11	03/04/09	367.45	37.55	329.90	ND
MW-11	12/21/09	367.45	38.51	328.94	ND
MW-11	06/29/10	367.45	37.78	329.67	ND
MW-11	03/14/11	367.45	36.49	330.96	ND
MW-11	09/14/11	367.45	37.05	330.40	ND
MW-11	03/21/12	367.45	37.66	329.79	ND
MW-11	09/06/12	367.45	38.12	329.33	ND
MW-11	03/06/13	367.45	38.27	329.18	ND
MW-11	11/11/13	367.45	38.85	328.60	ND
MW-11	03/11/14	367.45	38.92	328.53	ND
MW-11	09/11/14	367.45	39.37	328.08	ND
MW-11	03/02/15	367.45	39.25	328.20	ND
MW-11	10/19/15	367.45	39.58	327.87	ND
MW-11	03/15/16	367.45	39.28	328.17	ND
MW-12	09/20/00	363.55	35.17	328.38	ND
MW-12	12/05/00	363.55	35.42	328.13	ND
MW-12	03/27/01	363.55	34.07	329.48	ND
MW-12	05/17/01	363.55	34.34	329.21	ND
MW-12	08/21/01	363.55	34.83	328.72	ND
MW-12	12/17/01	363.55	35.37	328.18	ND
MW-12	02/27/02	363.55	35.53	328.02	ND
MW-12	06/03/02	363.55	35.71	327.84	ND
MW-12	08/12/02	363.55	35.69	327.86	ND
MW-12	11/11/02	363.64	35.58	328.06	ND
MW-12	03/10/03	363.64	35.14	328.50	ND
MW-12	05/19/03	363.64	34.47	329.17	ND
MW-12	08/25/03	363.64	35.02	328.62	ND
MW-12	11/17/03	363.64	35.25	328.39	ND
MW-12	03/22/04	363.64	34.60	329.04	ND
MW-12	05/17/04	363.64	34.88	328.76	ND
MW-12	08/16/04	363.64	35.43	328.21	ND

Table 2
Groundwater Elevations
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadene Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (ft msl)	DEPTH TO WATER (ft toc)	STATIC GROUNDWATER ELEVATION (ft msl)	LIQUID PRODUCT THICKNESS (In)
MW-12	11/15/04	363.64	35.05	328.59	ND
MW-12	03/15/05	363.64	31.80	331.84	ND
MW-12	06/13/05	363.64	33.36	330.28	ND
MW-12	08/24/05	363.64	33.80	329.84	ND
MW-12	12/21/05	363.64	34.29	329.35	ND
MW-12	05/31/06	363.64	33.81	329.83	ND
MW-12	09/13/06	---	---	---	---
MW-12	12/21/06	---	---	---	---
MW-12	09/04/08	365.76	37.76	328.00	ND
MW-12	03/04/09	365.76	37.51	328.25	ND
MW-12	12/21/09	365.75	38.36	327.39	ND
MW-12	06/29/10	365.75	37.83	327.92	ND
MW-12	03/14/11	365.75	36.56	329.19	ND
MW-12	09/14/11	365.75	37.17	328.58	ND
MW-12	03/21/12	365.75	37.58	328.17	ND
MW-12	09/06/12	365.75	38.03	327.72	ND
MW-12	03/06/13	365.75	38.18	327.57	ND
MW-12	11/11/13	365.75	38.72	327.03	ND
MW-12	03/11/14	365.75	38.73	327.02	ND
MW-12	09/11/14	365.75	39.11	326.64	ND
MW-12	03/02/15	365.75	39.03	326.72	ND
MW-12	10/19/15	365.75	39.42	326.33	ND
MW-12	03/15/16	365.75	39.11	326.64	ND
MW-13A	09/19/00	359.95	39.91	320.04	ND
MW-13A	12/05/00	359.95	40.14	319.81	ND
MW-13A	03/26/01	359.95	38.87	321.08	ND
MW-13A	05/16/01	359.95	39.13	320.82	ND
MW-13A	08/20/01	359.95	39.67	320.28	ND
MW-13A	12/17/01	359.95	40.10	319.85	ND
MW-13A	02/27/02	359.95	40.19	319.76	ND
MW-13A	06/03/02	359.95	40.39	319.56	ND
MW-13A	08/12/02	359.95	40.41	319.54	ND
MW-13A	11/11/02	360.06	40.47	319.59	ND
MW-13A	03/10/03	360.06	39.85	320.21	ND
MW-13A	05/19/03	360.06	---	---	---
MW-13A	08/25/03	360.06	---	---	---
MW-13A	11/17/03	360.06	39.40	320.66	ND
MW-13A	03/22/04	360.06	39.45	320.61	ND
MW-13A	05/17/04	360.06	39.68	320.38	ND
MW-13A	08/16/04	360.06	41.45	318.61	ND
MW-13A	11/15/04	360.06	39.85	320.21	ND
MW-13A	03/15/05	360.06	36.00	324.06	ND
MW-13A	06/13/05	360.06	38.40	321.66	ND

Table 2
Groundwater Elevations
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadene Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (ft msl)	DEPTH TO WATER (ft toc)	STATIC GROUNDWATER ELEVATION (ft msl)	LIQUID PRODUCT THICKNESS (In)
MW-13A	08/24/05	360.06	39.24	320.82	ND
MW-13A	12/21/05	360.06	39.66	320.40	ND
MW-13A	06/05/06	359.93	39.15	320.78	ND
MW-13A	09/13/06	359.93	39.77	320.16	ND
MW-13A	12/21/06	359.93	40.10	319.83	ND
MW-13A	03/20/07	359.93	40.24	319.69	ND
MW-13A	06/19/07	359.93	40.31	319.62	ND
MW-13A	09/18/07	359.93	40.55	319.38	ND
MW-13A	01/02/08	359.93	40.41	319.52	ND
MW-13A	09/04/08	359.93	40.26	319.67	ND
MW-13A	03/04/09	359.93	40.05	319.88	ND
MW-13A	12/21/09	359.93	40.66	319.27	ND
MW-13A	06/29/10	359.93	39.86	320.07	ND
MW-13A	03/14/11	359.93	38.99	320.94	ND
MW-13A	09/14/11	359.93	40.62	319.31	ND
MW-13A	03/21/12	359.93	40.18	319.75	ND
MW-13A	09/06/12	359.93	40.50	319.43	ND
MW-13A	03/06/13	359.93	40.59	319.34	ND
MW-13A	11/11/13	359.93	40.97	318.96	ND
MW-13A	03/11/14	359.93	40.97	318.96	ND
MW-13A	09/11/14	359.93	41.26	318.67	ND
MW-13A	03/02/15	359.93	41.21	318.72	ND
MW-13A	10/19/15	359.93	41.50	318.43	ND
MW-13A	03/15/16	359.93	41.24	318.69	ND
MW-13B	09/19/00	360.11	41.22	318.89	ND
MW-13B	12/05/00	360.11	41.54	318.57	ND
MW-13B	03/26/01	360.11	40.16	319.95	ND
MW-13B	05/16/01	360.11	40.34	319.77	ND
MW-13B	08/20/01	360.11	40.95	319.16	ND
MW-13B	12/17/01	360.11	41.46	318.65	ND
MW-13B	02/27/02	360.11	41.58	318.53	ND
MW-13B	06/03/02	360.11	41.85	318.26	ND
MW-13B	08/12/02	360.11	41.90	318.21	ND
MW-13B	11/11/02	360.27	41.96	318.31	ND
MW-13B	03/10/03	360.27	41.00	319.27	ND
MW-13B	05/19/03	360.27	---	---	---
MW-13B	08/25/03	360.27	---	---	---
MW-13B	11/17/03	360.27	40.15	320.12	ND
MW-13B	03/22/04	360.27	40.53	319.74	ND
MW-13B	05/17/04	360.27	40.76	319.51	ND
MW-13B	08/16/04	360.27	41.29	318.98	ND
MW-13B	11/15/04	360.27	41.03	319.24	ND
MW-13B	03/15/05	360.27	37.00	323.27	ND

Table 2
Groundwater Elevations
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadene Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (ft msl)	DEPTH TO WATER (ft toc)	STATIC GROUNDWATER ELEVATION (ft msl)	LIQUID PRODUCT THICKNESS (In)
MW-13B	06/13/05	360.27	39.08	321.19	ND
MW-13B	08/24/05	360.27	39.92	320.35	ND
MW-13B	12/21/05	360.27	40.45	319.82	ND
MW-13B	06/05/06	359.88	40.02	319.86	ND
MW-13B	09/13/06	359.88	40.70	319.18	ND
MW-13B	12/21/06	359.88	41.11	318.77	ND
MW-13B	03/20/07	359.88	41.35	318.53	ND
MW-13B	06/19/07	359.88	41.81	318.07	ND
MW-13B	09/18/07	359.88	41.76	318.12	ND
MW-13B	01/02/08	359.88	41.60	318.28	ND
MW-13B	09/04/08	359.88	41.44	318.44	ND
MW-13B	03/04/09	359.88	41.27	318.61	ND
MW-13B	12/21/09	359.88	42.04	317.84	ND
MW-13B	06/29/10	359.88	41.05	318.83	ND
MW-13B	03/14/11	359.88	40.01	319.87	ND
MW-13B	09/15/11	359.88	40.62	319.26	ND
MW-13B	03/21/12	359.88	41.25	318.63	ND
MW-13B	09/06/12	359.88	41.68	318.20	ND
MW-13B	03/06/13	359.88	41.82	318.06	ND
MW-13B	11/11/13	359.88	42.34	317.54	ND
MW-13B	03/11/14	359.88	42.40	317.48	ND
MW-13B	09/11/14	359.88	42.92	316.96	ND
MW-13B	03/02/15	359.88	42.75	317.13	ND
MW-13B	10/19/15	359.88	43.16	316.72	ND
MW-13B	03/15/16	359.88	42.91	316.97	ND
MW-14	11/11/02	356.67	40.79	315.88	ND
MW-14	03/10/03	356.67	---	---	---
MW-14	05/19/03	356.67	---	---	---
MW-14	08/25/03	356.67	---	---	---
MW-14	11/17/03	356.67	---	---	---
MW-14	03/22/04	356.67	---	---	---
MW-14	05/17/04	356.67	---	---	---
MW-14	08/16/04	356.67	---	---	---
MW-14	11/15/04	356.67	38.37	318.30	ND
MW-14	03/15/05	356.67	34.00	322.67	ND
MW-14	06/13/05	356.67	36.55	320.12	ND
MW-14	08/24/05	356.67	37.50	319.17	ND
MW-14	12/21/05	356.67	38.08	318.59	ND
MW-14	06/05/06	355.05	37.50	317.55	ND
MW-14	09/13/06	355.05	38.25	316.80	ND
MW-14	12/21/06	355.05	37.65	317.40	ND
MW-14	03/20/07	355.05	38.84	316.21	ND
MW-14	06/19/07	355.05	38.91	316.14	ND

Table 2
Groundwater Elevations
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadene Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (ft msl)	DEPTH TO WATER (ft toc)	STATIC GROUNDWATER ELEVATION (ft msl)	LIQUID PRODUCT THICKNESS (In)
MW-14	09/18/07	355.05	39.20	315.85	ND
MW-14	01/02/08	355.05	39.00	316.05	ND
MW-14	09/04/08	355.05	38.80	316.25	ND
MW-14	03/04/09	355.05	38.51	316.54	ND
MW-14	12/21/09	355.05	39.20	315.85	ND
MW-14	06/29/10	355.05	36.21	318.84	ND
MW-14	03/14/11	355.05	37.30	317.75	ND
MW-14	09/14/11	355.05	38.02	317.03	ND
MW-14	03/21/12	355.05	38.64	316.41	ND
MW-14	09/06/12	355.05	39.07	315.98	ND
MW-14	03/06/13	355.05	39.20	315.85	ND
MW-14	11/11/13	355.05	39.63	315.42	ND
MW-14	03/11/14	355.05	39.62	315.43	ND
MW-14	09/11/14	355.05	40.10	314.95	ND
MW-14	03/02/15	355.05	39.92	315.13	ND
MW-14	10/19/15	355.05	40.33	314.72	ND
MW-14	03/15/16	355.05	39.92	315.13	ND
MW-15	11/11/02	354.20	38.70	315.50	ND
MW-15	03/10/03	354.20	37.96	316.24	ND
MW-15	05/19/03	354.20	37.25	316.95	ND
MW-15	08/25/03	354.20	37.83	316.37	ND
MW-15	11/17/03	354.20	38.13	316.07	ND
MW-15	03/22/04	354.20	37.57	316.63	ND
MW-15	05/17/04	354.20	37.70	316.50	ND
MW-15	08/16/04	354.20	38.23	315.97	ND
MW-15	11/15/04	354.20	38.10	316.10	ND
MW-15	03/15/05	354.20	33.80	320.40	ND
MW-15	06/13/05	354.20	36.22	317.98	ND
MW-15	08/24/05	354.20	37.04	317.16	ND
MW-15	12/21/05	354.20	37.59	316.61	ND
MW-15	06/05/06	353.91	37.02	316.89	ND
MW-15	09/13/06	353.91	37.80	316.11	ND
MW-15	12/21/06	353.91	38.19	315.72	ND
MW-15	03/20/07	353.91	38.88	315.03	ND
MW-15	06/19/07	353.91	38.45	315.46	ND
MW-15	09/18/07	353.91	38.76	315.15	ND
MW-15	01/02/08	353.91	38.55	315.36	ND
MW-15	09/04/08	353.91	38.37	315.54	ND
MW-15	03/04/09	353.91	38.10	315.81	ND
MW-15	12/21/09	353.91	39.02	314.89	ND
MW-15	06/29/10	353.91	37.72	316.19	ND
MW-15	03/14/11	353.91	36.84	317.07	ND
MW-15	09/14/11	353.91	37.62	316.29	ND

Table 2
Groundwater Elevations
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadene Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (ft msl)	DEPTH TO WATER (ft toc)	STATIC GROUNDWATER ELEVATION (ft msl)	LIQUID PRODUCT THICKNESS (In)
MW-15	03/21/12	353.91	37.23	316.68	ND
MW-15	09/06/12	353.91	38.66	315.25	ND
MW-15	03/06/13	353.91	38.78	315.13	ND
MW-15	11/11/13	353.91	39.19	314.72	ND
MW-15	03/11/14	353.91	39.18	314.73	ND
MW-15	09/11/14	353.91	39.59	314.32	ND
MW-15	03/02/15	353.91	39.51	314.40	ND
MW-15	10/19/15	353.91	39.87	314.04	ND
MW-15	03/15/16	353.91	39.57	314.34	ND
MW-16A	05/31/06	364.84	34.04	330.80	ND
MW-16A	09/13/06	364.84	34.69	330.15	ND
MW-16A	12/22/06	364.84	35.15	329.69	ND
MW-16A	03/21/07	364.84	35.25	329.59	ND
MW-16A	06/20/07	364.84	35.44	329.40	ND
MW-16A	09/18/07	364.84	35.69	329.15	ND
MW-16A	01/02/08	364.84	35.45	329.39	ND
MW-16A	09/04/08	364.84	35.31	329.53	ND
MW-16A	03/04/09	364.84	35.09	329.75	ND
MW-16A	12/21/09	364.83	36.00	328.83	ND
MW-16A	06/29/10	364.83	35.35	329.48	ND
MW-16A	03/14/11	364.83	34.03	330.80	ND
MW-16A	09/14/11	364.83	34.61	330.22	ND
MW-16A	03/21/12	364.83	35.22	329.61	ND
MW-16A	09/06/12	364.83	35.67	329.16	ND
MW-16A	03/06/13	364.83	35.79	329.04	ND
MW-16A	11/11/13	364.83	36.38	328.45	ND
MW-16A	03/11/14	364.83	36.43	328.40	ND
MW-16A	09/11/14	364.83	36.89	327.94	ND
MW-16A	03/02/15	364.83	36.75	328.08	ND
MW-16A	10/19/15	364.83	37.10	327.73	ND
MW-16A	03/15/16	364.83	36.79	328.04	ND
MW-16B	05/31/06	365.61	34.70	330.91	ND
MW-16B	09/13/06	365.61	35.35	330.26	ND
MW-16B	12/22/06	365.61	35.80	329.81	ND
MW-16B	03/21/07	365.61	35.95	329.66	ND
MW-16B	06/20/07	365.61	36.15	329.46	ND
MW-16B	09/18/07	365.61	36.38	329.23	ND
MW-16B	01/02/08	365.61	36.15	329.46	ND
MW-16B	09/04/08	365.61	36.00	329.61	ND
MW-16B	03/04/09	365.61	35.80	329.81	ND
MW-16B	12/21/09	365.61	36.77	328.84	ND
MW-16B	06/29/10	365.61	36.01	329.60	ND

Table 2
Groundwater Elevations
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadene Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (ft msl)	DEPTH TO WATER (ft toc)	STATIC GROUNDWATER ELEVATION (ft msl)	LIQUID PRODUCT THICKNESS (In)
MW-16B	03/14/11	365.61	34.68	330.93	ND
MW-16B	09/14/11	365.61	35.30	330.31	ND
MW-16B	03/21/12	365.61	35.93	329.68	ND
MW-16B	09/06/12	365.61	36.37	329.24	ND
MW-16B	03/06/13	365.61	36.51	329.10	ND
MW-16B	11/11/13	365.61	37.11	328.50	ND
MW-16B	03/11/14	365.61	37.18	328.43	ND
MW-16B	09/11/14	365.61	37.59	328.02	ND
MW-16B	03/02/15	365.61	37.48	328.13	ND
MW-16B	10/19/15	365.61	37.86	327.75	ND
MW-16B	03/15/16	365.61	37.52	328.09	ND
MW-16C	05/31/06	365.10	33.33	331.77	ND
MW-16C	09/13/06	365.10	34.08	331.02	ND
MW-16C	12/22/06	365.10	34.43	330.67	ND
MW-16C	03/21/07	365.10	34.66	330.44	ND
MW-16C	06/20/07	365.10	34.96	330.14	ND
MW-16C	09/18/07	365.10	35.11	329.99	ND
MW-16C	01/02/08	365.10	34.87	330.23	ND
MW-16C	09/04/08	365.10	34.75	330.35	ND
MW-16C	03/04/09	365.10	34.49	330.61	ND
MW-16C	12/21/09	365.08	35.46	329.62	ND
MW-16C	06/29/10	365.08	34.66	330.42	ND
MW-16C	03/14/11	365.08	33.26	331.82	ND
MW-16C	09/14/11	365.08	33.93	331.15	ND
MW-16C	03/21/12	365.08	34.62	330.46	ND
MW-16C	09/06/12	365.08	35.11	329.97	ND
MW-16C	03/06/13	365.08	35.22	329.86	ND
MW-16C	11/11/13	365.08	35.85	329.23	ND
MW-16C	03/11/14	365.08	35.86	329.22	ND
MW-16C	09/11/14	365.08	34.30	330.78	ND
MW-16C	03/02/15	365.08	36.17	328.91	ND
MW-16C	10/19/15	365.08	36.55	328.53	ND
MW-16C	03/15/16	365.08	36.27	328.81	ND
K-1	04/05/89	365.21	---	---	0.5 - 1.0
K-1	03/05/90	365.21	---	---	3.6
K-1	08/22/91	365.21	35.12	330.09	ND
K-1	07/21/98	365.07	33.10	331.97	ND
K-1	11/30/99	365.07	35.14	329.93	ND
K-1	03/15/00	365.07	34.18	330.89	ND
K-1	06/29/00	365.07	34.29	330.78	ND
K-1	09/20/00	365.07	34.71	330.36	ND
K-1	12/04/00	365.07	35.06	330.01	ND

Table 2
Groundwater Elevations
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadene Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (ft msl)	DEPTH TO WATER (ft toc)	STATIC GROUNDWATER ELEVATION (ft msl)	LIQUID PRODUCT THICKNESS (In)
K-1	03/26/01	365.07	33.55	331.52	ND
K-1	05/17/01	365.07	33.80	331.27	ND
K-1	08/21/01	365.07	34.42	330.65	ND
K-1	12/17/01	365.07	34.98	330.09	ND
K-1	02/27/02	365.07	35.22	329.85	ND
K-1	06/03/02	365.07	35.43	329.64	ND
K-1	08/12/02	365.07	35.42	329.65	ND
K-1	11/11/02	365.23	35.60	329.63	ND
K-1	03/10/03	365.23	34.78	330.45	ND
K-1	05/19/03	365.23	33.98	331.25	ND
K-1	08/25/03	365.23	34.60	330.63	ND
K-1	11/17/03	365.23	34.75	330.48	ND
K-1	03/22/04	365.23	34.11	331.12	ND
K-1	05/17/04	365.23	34.35	330.88	ND
K-1	08/16/04	365.23	35.06	330.17	ND
K-1	11/15/04	365.23	34.63	330.60	ND
K-1	03/15/05	365.23	31.40	333.83	ND
K-1	06/13/05	365.23	33.02	332.21	ND
K-1	08/24/05	365.23	33.76	331.47	ND
K-1	12/21/05	365.23	34.27	330.96	ND
K-1	05/31/06	365.03	33.73	331.30	ND
K-1	09/13/06	365.03	34.40	330.63	ND
K-1	12/22/06	365.03	35.45	329.58	ND
K-1	03/20/07	365.03	35.18	329.85	ND
K-1	06/19/07	365.03	35.30	329.73	ND
K-1	09/18/07	365.03	35.52	329.51	ND
K-1	01/02/08	365.03	35.30	329.73	ND
K-1	09/04/08	367.77	37.84	329.93	ND
K-1	03/04/09	367.77	37.63	330.14	ND
K-1	12/21/09	367.78	38.56	329.22	ND
K-1	06/29/10	367.78	37.81	329.97	ND
K-1	03/14/11	367.78	36.45	331.33	ND
K-1	09/14/11	367.78	37.07	330.71	ND
K-1	03/21/12	367.78	37.83	329.95	ND
K-1	09/06/12	367.78	38.26	329.52	ND
K-1	03/06/13	367.78	38.43	329.35	ND
K-1	11/11/13	367.78	38.98	328.80	ND
K-1	03/11/14	367.78	39.06	328.72	ND
K-1	09/11/14	367.78	39.54	328.24	ND
K-1	03/02/15	367.78	39.42	328.36	ND
K-1	10/19/15	367.78	39.80	327.98	ND
K-1	03/15/16	367.78	39.51	328.27	ND
K-2	04/05/89	366.01	---	---	0.5 - 1.0

Table 2
Groundwater Elevations
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadene Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (ft msl)	DEPTH TO WATER (ft toc)	STATIC GROUNDWATER ELEVATION (ft msl)	LIQUID PRODUCT THICKNESS (In)
K-2	03/05/90	366.01	---	---	<0.1
K-2	08/22/91	366.01	35.97	330.04	ND
K-2	07/21/98	365.60	33.71	331.89	ND
K-2	11/30/99	365.60	35.79	329.81	ND
K-2	03/15/00	365.60	34.80	330.80	ND
K-2	06/29/00	365.60	34.93	330.67	ND
K-2	09/20/00	365.60	35.37	330.23	ND
K-2	12/04/00	365.60	35.65	329.95	ND
K-2	03/26/01	365.60	34.14	331.46	ND
K-2	05/17/01	365.60	34.41	331.19	ND
K-2	08/21/01	365.60	35.01	330.59	ND
K-2	12/17/01	365.60	35.62	329.98	ND
K-2	02/27/02	365.60	35.77	329.83	ND
K-2	06/03/02	365.60	36.06	329.54	ND
K-2	08/12/02	365.60	36.05	329.55	ND
K-2	11/11/02	365.70	36.27	329.43	ND
K-2	03/10/03	365.70	35.41	330.29	ND
K-2	05/19/03	365.70	34.67	331.03	ND
K-2	08/25/03	365.70	35.23	330.47	ND
K-2	11/17/03	365.70	35.46	330.24	ND
K-2	03/22/04	365.70	34.50	331.20	ND
K-2	05/17/04	365.70	35.10	330.60	ND
K-2	08/16/04	365.70	35.70	330.00	ND
K-2	11/15/04	365.70	35.35	330.35	ND
K-2	03/15/05	365.70	32.10	333.60	ND
K-2	06/13/05	365.70	33.70	332.00	ND
K-2	08/24/05	365.70	34.39	331.31	ND
K-2	12/21/05	365.70	34.90	330.80	ND
K-2	05/31/06	365.53	34.32	331.21	ND
K-2	09/13/06	365.53	35.08	330.45	ND
K-2	12/22/06	365.53	34.80	330.73	ND
K-2	03/20/07	365.53	35.77	329.76	ND
K-2	06/19/07	365.53	35.95	329.58	ND
K-2	09/18/07	365.53	38.14	327.39	ND
K-2	01/02/08	365.53	35.90	329.63	ND
K-2	07/28/08	---	---	---	---
K-3	07/21/98	365.28	33.52	331.76	ND
K-3	11/30/99	365.28	35.56	329.72	ND
K-3	03/15/00	365.29	34.61	330.68	ND
K-3	06/29/00	365.28	34.74	330.54	ND
K-3	09/20/00	365.28	35.18	330.10	ND
K-3	12/04/00	365.28	35.48	329.80	ND
K-3	03/26/01	365.28	34.00	331.28	ND

Table 2
Groundwater Elevations
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadene Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (ft msl)	DEPTH TO WATER (ft toc)	STATIC GROUNDWATER ELEVATION (ft msl)	LIQUID PRODUCT THICKNESS (In)
K-3	05/17/01	365.28	34.00	331.28	ND
K-3	08/21/01	365.28	34.82	330.46	ND
K-3	12/17/01	365.28	35.39	329.89	ND
K-3	02/27/02	365.28	35.61	329.67	ND
K-3	06/03/02	365.28	35.82	329.46	ND
K-3	08/12/02	365.28	35.83	329.45	ND
K-3	11/11/02	365.41	35.95	329.46	ND
K-3	03/10/03	365.41	35.15	330.26	ND
K-3	05/19/03	365.41	34.44	330.97	ND
K-3	08/25/03	365.41	---	---	---
K-3	11/17/03	365.41	35.25	330.16	ND
K-3	03/22/04	365.41	34.60	330.81	ND
K-3	05/17/04	365.41	34.88	330.53	ND
K-3	08/16/04	365.41	35.50	329.91	ND
K-3	11/15/04	365.41	35.12	330.29	ND
K-3	03/15/05	365.41	32.00	333.41	ND
K-3	06/13/05	365.41	33.53	331.88	ND
K-3	08/24/05	365.41	34.19	331.22	ND
K-3	12/21/05	364.80	---	---	---
K-3	09/04/08	364.80	---	---	---
K-3	03/04/09	364.80	---	---	---
K-3	12/18/09	---	---	---	---
OSMW-3	12/21/09	356.72	---	---	---
OSMW-17	12/21/09	357.46	---	---	---

NOTES:

ft msl	Feet as referenced to mean sea level
ft toc	Feet below top-of-casing
in	inches
<	LNAPL detected below indicated thickness
---	Well not monitored

Table 3
Groundwater Monitoring Well Sampling Information
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadene Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Monitoring Well Sampling Location	Sampling Order	Analysis Method	QA/QC Samples
MW-16C	1	VOCs by 8260B	
K-1	2	VOCs by 8260B	
MW-16B	3	VOCs by 8260B	FB-1
MW-10B	4	VOCs by 8260B	DUP-1
MW-9A	5	VOCs by 8260B	
MW-7	6	VOCs by 8260B	
MW-10A	7	VOCs by 8260B	
MW-3	8	VOCs by 8260B	
MW-12	9	VOCs by 8260B	
MW-11	10	VOCs by 8260B	
MW-16A	11	VOCs by 8260B	
MW-13A	12	VOCs by 8260B	
MW-13B	13	VOCs by 8260B	DUP-2
MW-14	14	VOCs by 8260B	
MW-15	15	VOCs by 8260B	
	TOTAL	**15**	

Notes:

DUP	Duplicate
Equip Blnk	Equipment Blank
FB	Field Blank
QA/QC	Quality Assuance/Quality Control
VOCs	Volatile Organic Compounds

Table 4
Groundwater Quality Parameters
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Well Id	Date	pH	Temperature (Degrees Celcius)	Dissolved Oxygen (mg/L)	Specific Conductivity (S/M)	Turbidity (NTU)	ORP (mV)
MW-2	12/21/05	7.23	21.7	4.90	0.150	670	157
MW-2	05/31/06	6.84	20	1.37	9.99†	0.0	104
MW-2	09/14/06	6.73	22.1	3.95	0.125	9.0	139
MW-2	12/22/06	6.57	21.1	6.64	0.155	0.0	104
MW-2	03/20/07	6.37	19.6	6.76	0.165	0.0**	147
MW-2	06/19/07	6.88	20.7	5.48	0.144	0.0	191
MW-2	09/19/07	6.50	22.1	5.85	0.150	10.0	143
MW-2	01/02/08	6.80	22.2	4.80	0.160	42.0	137
MW-2	09/05/08	NR	NR	NR	NR	NR	NR
MW-2	03/05/09	6.78	20.9	4.95	0.142	1.0	-10.0
MW-2	12/22/09	NR	NR	NR	NR	NR	NR
MW-2	06/29/10	6.85	21.5	4.74	0.136	0.0	64.1
MW-2	03/17/11	7.67	22.2	5.01	0.132	15.3	279
MW-2	09/14/11	7.58	23.2	4.45	0.147	10.4	476
MW-2	03/23/12	6.82	21.7	4.26	0.114	17.9	317
MW-2	09/06/12	7.05	22.3	1.78	0.094	20.5	234
MW-2	03/06/13	7.92	21.2	2.44	0.073	19.3	250
MW-2	11/11/13	7.30	21.7	1.69	0.105	20.2	247
MW-2	03/11/14	7.30	20.7	1.37	0.079	17.5	249
MW-3	12/21/05	7.18	20.3	5.50	0.130	990	152
MW-3	05/31/06	6.84	20.6	1.28	0.164	71.0	-146
MW-3	09/14/06	6.71	22.2	3.95	0.124	0.0	138
MW-3	12/28/06	NR	NR	NR	NR	NR	NR
MW-3	03/21/07	6.50	18.7	4.51	0.162	0.0**	107
MW-3	06/20/07	6.80	21.4	3.18	0.152	0.0	139
MW-3	09/19/07	6.52	22.8	6.36	0.160	0.0	138
MW-3	01/03/08	6.60	19.7	5.80	0.150	94.0	82.0
MW-3	09/05/08	6.80	23.3	4.20	0.143	4.0	139
MW-3	03/05/09	6.79	18.6	4.80	0.143	1.0	29.0
MW-3	12/22/09	6.70	19.8	4.70	0.144	2.0	-64.6
MW-3	06/29/10	6.79	21.9	4.62	0.133	1.0	67.0
MW-3	03/17/11	7.45	21.2	4.86	0.126	10.3	274
MW-3	09/15/11	7.57	23.2	4.07	0.144	8.2	240
MW-3	03/23/12	6.69	22.1	3.57	0.104	54.5	318
MW-3	09/06/12	6.92	28.5	1.72	0.125	21.1	254
MW-3	03/07/13	7.22	19.7	1.93	0.067	19.7	300
MW-3	11/12/13	6.94	21.7	1.99	0.100	19.7	241
MW-3	03/12/14	7.19	23.3	1.58	0.072	18.1	271
MW-3	09/11/14	7.43	27.0	1.56	0.091	28.4	245
MW-3	03/02/15	7.07	22.4	1.89	0.138	23.9	156
MW-3	10/19/15	7.43	24.2	1.14	0.136	29.4	197
MW-3	03/15/16	6.75	21.4	1.74	0.132	22.2	215
MW-7	12/22/05	6.94	22.5	4.10	0.140	990	-35.0
MW-7	05/31/06	6.71	21.0	0.910	9.99†	0.0	21.0
MW-7	09/15/06	6.56	21.3	2.91	0.125	0.0	37.0
MW-7	12/22/06	7.88	21.7	5.80	0.159	0.0	-16.0
MW-7	03/21/07	7.27	21.0	4.26	0.151	0.0**	-20.0
MW-7	06/20/07	6.99	21.2	3.20	0.152	0.0	-9.0
MW-7	09/19/07	6.55	21.5	5.20	0.160	0.0	44.0
MW-7	01/03/08	6.70	23.0	4.20	0.150	84.0	-70.0
MW-7	09/04/08	6.80	22.2	3.89	0.144	2.0	110

Table 4
Groundwater Quality Parameters
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Well Id	Date	pH	Temperature (Degrees Celcius)	Dissolved Oxygen (mg/L)	Specific Conductivity (S/M)	Turbidity (NTU)	ORP (mV)
MW-7	03/05/09	6.77	22.0	3.70	0.147	1.0	-34.6
MW-7	12/21/09	6.40	22.4	3.90	0.147	8.0	-62.1
MW-7	06/29/10	6.73	21.5	3.81	0.135	2.0	110
MW-7	03/15/11	7.39	23.8	3.50	0.140	14.1	229
MW-7	09/15/11	7.51	20.1	3.20	0.154	12.4	239
MW-7	03/21/12	7.36	22.8	3.20	0.100	20.1	288
MW-7	09/06/12	7.09	22.6	1.96	0.098	15.7	233
MW-7	03/06/13	7.22	19.7	1.47	0.069	19.9	161
MW-7	11/11/13	7.06	20.1	2.14	0.089	18.9	285
MW-7	03/11/14	7.24	23.2	1.19	0.094	16.8	242
MW-7	09/11/14	8.07	26.4	1.74	0.726	23.1	243
MW-7	03/02/15	7.29	22.1	1.49	0.107	25.1	232
MW-7	10/19/15	7.90	19.3	1.19	0.129	29.6	159
MW-7	03/15/16	7.13	22.5	2.08	0.129	23.5	225
MW-8A	12/21/05	6.81	21.1	5.10	0.140	350	193
MW-8A	06/05/06	6.88	21.7	4.01	2.370	0.0	123
MW-8A	09/14/06	6.66	21.8	3.33	0.127	0.0	137
MW-8A	12/21/06	7.80	20.4	6.75	0.160	0.0	198
MW-8A	03/20/07	6.48	20.6	6.87	0.183	0.0**	117
MW-8A	06/19/07	6.93	21.9	5.08	0.151	38.2	167
MW-8A	09/18/07	6.46	22.3	9.34	0.160	9.0	125
MW-8A	01/02/08	6.80	21.2	4.60	0.160	73.0	149
MW-8A	09/05/08	NR	NR	NR	NR	NR	NR
MW-8A	03/05/09	6.84	20.9	5.08	0.147	2.0	9.7
MW-8A	12/22/09	NR	NR	NR	NR	NR	NR
MW-8A	06/29/10	6.82	22.1	5.30	0.138	1.0	80.1
MW-8A	03/15/11	7.42	24.2	3.82	0.130	17.8	217
MW-8A	09/15/11	7.57	18.6	3.05	0.147	11.2	229
MW-8A	03/22/12	6.87	24.1	3.27	0.125	9.2	303
MW-8A	09/07/12	7.03	26.5	1.71	3.410	21.9	266
MW-8A	03/06/13	7.68	21.0	2.69	0.074	17.6	235
MW-8A	11/12/13	7.06	18.9	1.84	0.098	15.6	254
MW-8A	03/12/14	7.12	20.4	1.49	0.073	20.8	286
MW-9A	12/22/05	7.26	22.1	0.500	0.140	-10.0	-259
MW-9A	05/31/06	6.79	21.3	0.00	0.309	0.0	-300
MW-9A	09/15/06	6.72	21.2	0.00	0.117	0.0	200
MW-9A	12/22/06	NR	NR	NR	NR	NR	NR
MW-9A	03/21/07	8.65	21.2	0.420	0.163	0.0**	-334
MW-9A	06/20/07	7.04	21.4	0.130	0.145	0.0	-283
MW-9A	09/19/07	6.67	21.3	3.61	0.150	0.0	-334
MW-9A	01/03/08	6.80	22.3	2.50	0.150	95.0	-309
MW-9A	09/05/08	6.80	22.2	0.350	0.143	9.0	-176
MW-9A	03/04/09	6.74	21.9	0.300	0.140	5.0	-139
MW-9A	12/22/09	6.70	22.0	0.670	0.146	5.0	-301
MW-9A	06/29/10	6.93	21.8	0.320	0.135	6.0	-300
MW-9A	03/15/11	7.39	23.0	1.29	0.131	17.5	-84.0
MW-9A	09/15/11	7.46	20.0	1.04	0.149	12.5	-109
MW-9A	03/21/12	6.94	22.4	1.18	0.115	22.1	-137
MW-9A	09/06/12	7.22	24.6	1.01	0.106	20.5	-23.0
MW-9A	03/06/13	7.40	21.2	0.910	0.065	21.6	-88.0
MW-9A	11/12/13	7.12	15.9	0.770	0.071	21.4	-28.0

Table 4
Groundwater Quality Parameters
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Well Id	Date	pH	Temperature (Degrees Celcius)	Dissolved Oxygen (mg/L)	Specific Conductivity (S/M)	Turbidity (NTU)	ORP (mV)
MW-9A	03/11/14	7.09	22.6	0.470	0.084	16.6	42.0
MW-9A	03/03/15	7.21	24.1	0.590	0.103	28.1	4.0
MW-9A	03/15/16	7.12	22.3	0.770	0.128	20.9	33.0
MW-9B	12/22/05	7.37	21.9	2.20	0.140	990	-19.0
MW-9B	05/31/06	6.89	21.3	0.390	9.99†	0.0	42.0
MW-9B	09/15/06	6.69	21.1	1.22	0.127	0.0	114
MW-9B	12/22/06	NR	NR	NR	NR	NR	NR
MW-9B	03/21/07	7.99	20.9	0.230	0.176	0.0**	-307
MW-9B	06/20/07	6.99	21.6	9.13	0.000	63.1	3.0
MW-9B	09/19/07	6.70	21.2	5.40	0.150	0.0	-121
MW-9B	01/03/08	6.80	21.9	2.80	0.150	87.0	-150
MW-9B	09/04/08	6.90	22.0	1.94	0.139	2.0	64.7
MW-9B	03/04/09	6.71	21.3	1.59	0.140	3.0	-2.2
MW-9B	12/22/09	6.60	21.7	1.76	0.147	3.0	15.6
MW-9B	06/29/10	6.94	21.6	1.64	0.138	1.0	-214
MW-9B	03/15/11	7.56	24.4	2.61	0.134	12.7	135
MW-9B	09/15/11	7.56	20.7	2.55	0.148	14.0	103
MW-9B	03/21/12	7.39	22.7	2.44	0.100	25.2	280
MW-9B	09/06/12	7.24	23.0	1.21	0.108	23.0	175
MW-9B	03/06/13	7.34	21.8	1.58	0.074	17.3	221
MW-9B	11/12/13	7.10	17.4	2.18	0.080	20.3	308
MW-9B	03/11/14	7.21	22.2	0.870	0.083	24.0	265
MW-9B	03/03/15	7.14	22.8	1.85	0.125	25.4	206
MW-10A	12/22/05	7.18	21.8	0.200	0.130	-10.0	-328
MW-10A	05/31/06	6.81	21.4	0.0	367	0.0	-318
MW-10A	09/15/06	6.78	21.2	0.0	0.116	0.0	-343
MW-10A	12/22/06	NR	NR	NR	NR	NR	NR
MW-10A	03/21/07	8.06	21.0	0.450	0.163	0.0**	-339
MW-10A	06/20/07	6.72	21.5	0.0	0.142	0.0	-216
MW-10A	09/19/07	6.59	21.6	6.67	0.000	9.0	7.0
MW-10A	01/03/08	6.60	22.2	3.20	0.150	86.0	-220
MW-10A	09/05/08	6.80	22.2	0.310	0.140	2.0	-143
MW-10A	03/04/09	6.51	21.6	0.220	0.139	3.0	-94.5
MW-10A	12/22/09	6.80	21.8	0.260	0.143	2.0	-308
MW-10A	06/29/10	6.90	21.9	0.140	0.128	3.0	-204
MW-10A	03/15/11	7.45	20.6	2.06	0.121	15.4	24.0
MW-10A	09/14/11	7.81	22.9	2.17	0.139	10.6	34.0
MW-10A	03/21/12	6.90	22.4	2.11	0.111	18.4	57.0
MW-10A	09/06/12	7.08	30.7	0.680	0.122	22.7	90.0
MW-10A	03/06/13	7.16	22.7	1.97	0.072	19.5	57.0
MW-10A	11/11/13	7.06	18.5	2.07	0.086	23.6	170
MW-10A	03/11/14	7.18	22.9	0.820	0.083	16.5	153
MW-10A	09/11/14	8.19	25.8	1.55	0.089	28.5	251
MW-10A	03/03/15	7.18	22.2	0.890	0.137	17.8	104
MW-10A	10/19/15	7.86	21.1	0.720	0.130	27.6	-169
MW-10A	03/15/16	6.74	22.2	1.07	0.100	29.0	128
MW-10B	12/22/05	7.40	21.6	2.50	0.150	-10.0	-255
MW-10B	05/31/06	7.20	21.1	0.00	0.134	0.0	-277
MW-10B	09/15/06	7.05	21.0	0.210	0.131	0.0	-250
MW-10B	12/22/06	NR	NR	NR	NR	NR	NR

Table 4
Groundwater Quality Parameters
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Well Id	Date	pH	Temperature (Degrees Celcius)	Dissolved Oxygen (mg/L)	Specific Conductivity (S/M)	Turbidity (NTU)	ORP (mV)
MW-10B	03/21/07	7.58	20.7	1.45	0.169	0.0**	-248
MW-10B	06/20/07	7.60	21.5	3.54	0.138	0.0	76.0
MW-10B	09/19/07	6.82	21.1	4.66	0.160	0.0	-65.0
MW-10B	01/03/08	6.90	21.9	2.30	0.160	54.0	17.0
MW-10B	09/05/08	7.10	21.9	0.550	0.145	3.0	-28.7
MW-10B	03/04/09	6.73	21.1	0.600	0.146	5.0	44.6
MW-10B	12/22/09	6.90	21.6	0.590	0.153	10.0	-248
MW-10B	06/29/10	7.08	21.5	0.380	0.140	1.0	-43.7
MW-10B	09/14/11	7.68	22.7	1.80	0.145	11.2	268
MW-10B	03/21/12	7.07	21.2	2.02	0.124	16.6	262
MW-10B	09/06/12	7.34	31.5	0.980	0.143	33.8	249
MW-10B	03/06/13	7.10	22.2	1.11	0.089	20.7	210
MW-10B	11/11/13	7.14	19.2	2.23	0.102	14.9	216
MW-10B	03/11/14	7.32	24.2	0.720	0.102	14.2	202
MW-10B	03/03/15	7.22	23.6	1.89	0.141	31.2	202
MW-10B	03/15/16	7.16	22.1	1.85	0.128	27.6	198
MW-11	09/05/08	6.80	21.3	4.36	0.142	15.0	128
MW-11	03/04/09	6.42	21.4	4.31	0.139	49.0	-7.3
MW-11	12/22/09	6.60	22.1	4.27	0.144	101	-72.1
MW-11	06/29/10	6.79	20.2	5.07	0.129	17.0	75.1
MW-11	03/17/11	7.38	23.1	4.30	0.134	72.6	277
MW-11	09/15/11	7.41	22.7	3.15	0.158	31.5	208
MW-11	03/23/12	6.89	19.7	2.61	0.116	29.6	305
MW-11	09/06/12	6.98	26.5	2.04	0.110	75.7	254
MW-11	03/07/13	7.36	18.6	1.60	0.067	15.1	296
MW-11	11/11/13	7.00	21.9	2.14	0.099	22.2	249
MW-11	03/12/14	7.10	25.0	1.54	0.101	23.2	256
MW-11	09/11/14	7.57	26.6	1.69	0.077	26.9	285
MW-11	03/02/15	7.06	22.0	1.83	0.145	21.8	210
MW-11	10/19/15	7.36	21.9	1.30	0.127	34.1	230
MW-11	03/15/16	6.66	22.7	1.56	0.122	24.2	179
MW-12	12/21/05	6.81	21.6	4.50	0.130	360	69.0
MW-12	05/31/06	6.64	19.3	1.60	0.141	999	-212
MW-12	09/05/08	6.80	23.9	3.05	0.142	2.0	31.5
MW-12	03/04/09	6.64	18.7	3.74	0.138	5.0	-16.5
MW-12	12/22/09	6.70	20.7	3.90	0.143	6.0	-44.1
MW-12	06/29/10	6.80	20.8	2.67	0.130	75.0	-127
MW-12	03/15/11	7.32	23.2	2.62	0.132	25.6	150
MW-12	09/15/11	7.20	20.4	2.51	0.146	30.1	109
MW-12	03/22/12	6.69	22.9	2.53	0.117	147	311
MW-12	09/06/12	7.06	25.7	1.76	0.110	476	220
MW-12	03/06/13	6.86	18.5	2.51	0.067	18.8	206
MW-12	11/12/13	6.98	21.8	1.48	0.102	25.4	224
MW-12	03/12/14	7.04	23.1	1.83	0.081	21.9	260
MW-12	09/11/14	8.19	24.3	1.76	0.088	28.3	276
MW-12	03/03/15	7.22	23.2	1.97	0.111	176	244
MW-12	10/19/15	8.23	21.0	0.810	0.142	28.1	251
MW-12	03/15/16	6.66	22.4	1.55	0.145	130	222
MW-13A	12/21/05	6.66	21.9	1.30	0.140	18.0	181
MW-13A	06/05/06	6.66	21.5	0.220	9.99†	0.0	125

Table 4
Groundwater Quality Parameters
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Well Id	Date	pH	Temperature (Degrees Celcius)	Dissolved Oxygen (mg/L)	Specific Conductivity (S/M)	Turbidity (NTU)	ORP (mV)
MW-13A	09/14/06	7.71	20.8	5.54	0.121	0.0	NM
MW-13A	12/21/06	7.87	21.0	4.18	0.161	205	-242
MW-13A	03/20/07	6.71	21.1	2.92	0.178	0.0**	92.0
MW-13A	06/19/07	6.68	21.6	0.980	0.151	0.0	187
MW-13A	09/18/07	6.39	21.5	7.57	0.150	43.0	142
MW-13A	01/02/08	6.70	22.3	2.30	0.160	73.0	125
MW-13A	09/04/08	6.60	22.2	1.49	0.143	2.0	40.9
MW-13A	03/05/09	6.69	21.8	1.09	0.148	2.0	-14.4
MW-13A	12/21/09	6.50	22.1	1.85	0.150	4.0	-88.1
MW-13A	06/29/10	6.66	21.9	0.550	0.143	3.0	106
MW-13A	03/14/11	7.18	21.3	1.21	0.147	9.2	78.0
MW-13A	09/14/11	7.24	22.3	1.27	0.141	6.1	84.0
MW-13A	03/22/12	6.83	23.3	1.38	0.124	24.4	284
MW-13A	09/06/12	6.94	29.5	1.08	0.121	21.5	259
MW-13A	03/07/13	6.94	19.0	1.26	0.077	22.5	221
MW-13A	11/12/13	6.90	17.5	2.00	0.086	19.1	289
MW-13A	03/12/14	7.04	19.5	0.940	0.076	24.0	286
MW-13A	09/12/14	7.21	22.2	1.54	0.073	28.6	310
MW-13A	03/03/15	7.25	23.8	1.42	0.164	42.5	218
MW-13A	10/20/15	7.27	24.4	1.14	0.042	26.2	108
MW-13A	03/16/16	7.22	19.7	1.44	0.188	23.5	252
MW-13B	12/21/05	7.30	21.5	3.40	0.140	-10.0	154
MW-13B	06/05/06	6.96	21.1	0.470	9.99†	0.0	113
MW-13B	09/14/06	7.97	20.8	5.66	0.124	0.0	NM
MW-13B	12/21/06	7.89	21.1	3.96	0.243	0.0	-85.0
MW-13B	03/20/07	6.62	20.8	3.06	0.170	0.0**	105
MW-13B	06/19/07	7.09	21.4	1.09	0.145	0.0	181
MW-13B	09/18/07	6.62	21.2	7.34	0.140	1.0	126
MW-13B	01/02/08	6.90	21.9	2.80	0.150	71.0	155
MW-13B	09/04/08	6.90	22.0	2.37	0.139	3.0	74.2
MW-13B	03/05/09	6.68	21.4	1.98	0.144	5.0	-12.4
MW-13B	12/21/09	6.60	21.6	2.84	0.147	4.0	-11.2
MW-13B	06/29/10	6.87	21.5	2.05	0.136	1.0	107
MW-13B	03/15/11	7.46	19.3	1.45	0.129	15.9	248
MW-13B	09/14/11	7.67	22.3	1.57	0.129	13.5	195
MW-13B	03/22/12	7.11	22.4	1.47	0.132	9.1	287
MW-13B	09/06/12	7.10	31.4	1.44	0.147	22.4	248
MW-13B	03/07/13	6.94	18.5	1.50	0.069	19.9	144
MW-13B	11/12/13	7.05	18.1	1.48	0.082	25.6	299
MW-13B	03/12/14	7.12	19.7	0.920	0.071	18.4	286
MW-13B	09/12/14	7.74	21.7	1.48	0.088	23.8	304
MW-13B	03/03/15	7.27	23.5	1.92	0.128	26.0	239
MW-13B	10/20/15	7.36	24.9	0.990	0.066	24.2	98.0
MW-13B	03/16/16	7.53	20.4	2.02	0.126	18.5	254
MW-14	12/21/05	7.05	21.7	4.40	0.140	990	181
MW-14	06/05/06	6.67	21.3	0.620	9.99†	150	132
MW-14	09/14/06	8.05	19.8	6.33	0.117	12.0	NM
MW-14	12/21/06	7.84	21.1	5.65	0.151	309	33.0
MW-14	03/20/07	6.57	21.0	6.44	0.173	0.0**	122
MW-14	06/19/07	6.12	21.8	8.15	0.000	71.3	216
MW-14	09/18/07	6.47	21.3	5.50	0.150	85.0	147

Table 4
Groundwater Quality Parameters
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Well Id	Date	pH	Temperature (Degrees Celcius)	Dissolved Oxygen (mg/L)	Specific Conductivity (S/M)	Turbidity (NTU)	ORP (mV)
MW-14	01/02/08	6.70	22.1	3.20	0.160	400	147
MW-14	09/04/08	6.70	23.0	4.01	0.143	176	208
MW-14	03/05/09	6.75	20.6	4.40	0.192	93.0	-4.0
MW-14	12/21/09	6.50	21.8	3.56	0.149	104	90.1
MW-14	06/29/10	6.66	22.0	1.45	0.137	124	151
MW-14	03/14/11	7.39	24.1	1.30	0.141	14.3	81.0
MW-14	09/14/11	7.28	19.9	1.43	0.128	15.5	73.0
MW-14	03/21/12	7.21	22.5	1.45	0.116	20.6	280
MW-14	09/07/12	7.09	25.1	1.80	0.106	24.5	267
MW-14	03/07/13	6.94	19.2	1.80	0.074	15.4	264
MW-14	11/12/13	6.86	18.2	1.55	0.090	777	211
MW-14	03/12/14	7.03	18.4	1.02	0.070	21.5	290
MW-14	09/12/14	7.25	22.2	1.84	0.065	25.8	277
MW-14	03/03/15	7.36	23.5	1.64	0.131	83.3	215
MW-14	10/20/15	7.24	24.1	1.16	0.042	32.9	111
MW-14	03/16/16	7.08	21.1	1.66	0.124	112	204
MW-15	12/21/05	6.76	21.5	2.10	0.130	520	206
MW-15	06/05/06	6.49	21.1	0.340	9.99[†]	50.0	152
MW-15	09/14/06	7.84	20.8	5.81	0.110	0.0	NM
MW-15	12/21/06	7.76	20.9	3.84	0.319	360	11.0
MW-15	03/20/07	6.60	20.8	2.01	0.167	21.5	115
MW-15	06/19/07	6.52	21.2	0.620	0.143	31.0	197
MW-15	09/18/07	6.38	21.1	4.79	0.150	43.0	149
MW-15	01/02/08	6.60	21.9	2.50	0.160	140	150
MW-15	09/04/08	6.60	21.8	0.930	0.136	11.0	131
MW-15	03/05/09	6.59	21.5	0.870	0.138	7.0	-18.2
MW-15	12/21/09	6.30	21.8	1.70	0.144	49.0	-93.1
MW-15	06/29/10	6.58	21.6	0.650	0.127	4.0	138
MW-15	03/14/11	7.25	22.6	1.26	0.128	5.1	99.0
MW-15	09/14/11	7.29	20.9	1.33	0.139	3.8	96.0
MW-15	03/21/12	6.91	21.8	1.19	0.111	19.5	282
MW-15	09/07/12	6.98	25.2	1.53	0.100	29.4	269
MW-15	03/07/13	7.01	19.2	1.37	0.071	19.1	297
MW-15	11/12/13	6.89	18.1	1.61	0.089	26.3	216
MW-15	03/12/14	6.95	18.3	1.05	0.066	24.0	296
MW-15	03/12/14	7.22	21.8	1.84	0.068	24.9	280
MW-15	03/03/15	7.29	24.2	1.65	0.109	52.7	242
MW-15	10/20/15	7.08	23.1	0.950	0.128	29.9	111
MW-15	03/16/16	7.00	21.0	1.82	0.136	27.1	200
MW-16A	06/05/06	6.98	20.2	7.71	0.200	120	52.0
MW-16A	09/15/06	6.97	20.7	0.00	0.162	0.0	-78.0
MW-16A	12/28/06	NR	NR	NR	NR	NR	NR
MW-16A	03/21/07	7.94	20.4	2.19	0.166	220	-105
MW-16A	06/20/07	6.51	19.9	2.82	0.153	0.0	88.0
MW-16A	09/19/07	6.51	20.9	5.28	0.160	5.0	141
MW-16A	01/03/08	6.60	22.5	4.10	0.150	94.0	38.0
MW-16A	09/05/08	6.80	21.4	2.96	0.142	9.0	58.2
MW-16A	03/05/09	6.74	21.1	3.35	0.144	9.0	-12.1
MW-16A	12/22/09	6.50	22.1	3.42	0.144	9.0	-80.2
MW-16A	06/29/10	6.73	20.2	3.13	0.129	80.0	79.1
MW-16A	03/15/11	7.36	22.0	3.48	0.130	27.6	136

Table 4
Groundwater Quality Parameters
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Well Id	Date	pH	Temperature (Degrees Celcius)	Dissolved Oxygen (mg/L)	Specific Conductivity (S/M)	Turbidity (NTU)	ORP (mV)
MW-16A	09/15/11	7.52	20.7	3.21	0.148	15.7	152
MW-16A	03/22/12	6.59	23.5	2.75	0.125	9.19	303
MW-16A	09/06/12	6.77	26.7	1.61	0.117	121	262
MW-16A	03/07/13	7.22	19.5	1.68	0.074	26.3	302
MW-16A	11/12/13	6.95	22.1	1.97	0.102	393	257
MW-16A	03/11/14	7.09	24.8	1.46	0.088	26.1	248
MW-16A	03/02/15	7.11	22.4	1.84	0.143	74.7	239
MW-16A	03/15/16	7.24	22.9	1.66	0.152	49.5	218
MW-16B	06/05/06	6.92	20.4	1.20	9.99†	139	132
MW-16B	09/15/06	6.50	20.7	0.590	0.118	0.0	-20.0
MW-16B	12/28/06	NR	NR	NR	NR	NR	NR
MW-16B	03/21/07	6.68	20.5	6.64	0.155	0.0**	106
MW-16B	06/20/07	7.03	20.2	3.37	0.142	0.0	119
MW-16B	09/19/07	6.55	20.5	7.21	0.150	23.0	147
MW-16B	01/03/08	6.70	22.2	4.10	0.150	98.0	40.0
MW-16B	09/05/08	6.90	21.2	3.53	0.141	10.0	103
MW-16B	03/05/09	6.70	21.5	3.39	0.144	2.0	-17.8
MW-16B	12/22/09	6.50	21.6	3.35	0.145	5.0	-34.1
MW-16B	06/29/10	6.82	20.8	3.89	0.139	3.0	72.0
MW-16B	03/17/11	7.54	22.3	3.49	0.141	10.6	235
MW-16B	09/15/11	7.60	22.6	1.81	0.153	7.5	194
MW-16B	03/22/12	6.76	24.8	1.80	0.111	21.3	299
MW-16B	09/06/12	6.94	27.6	1.67	0.114	24.5	242
MW-16B	03/07/13	7.36	19.7	2.05	0.074	20.5	285
MW-16B	11/12/13	7.06	19.6	2.35	0.897	23.6	242
MW-16B	03/12/14	7.14	22.8	1.96	0.084	20.3	242
MW-16B	09/11/14	7.63	26.7	1.66	0.078	29.9	281
MW-16B	03/02/15	7.11	22.1	1.86	0.155	25.3	239
MW-16B	10/19/15	7.59	21.1	1.30	0.110	24.0	207
MW-16B	03/15/16	6.77	22.3	2.00	0.131	19.6	232
MW-16C	06/05/06	7.14	20.9	0.00	9.99†	47.0	60.0
MW-16C	09/15/06	6.69	20.3	2.95	0.123	0.0	12.0
MW-16C	12/28/06	NR	NR	NR	NR	NR	NR
MW-16C	03/21/07	6.85	20.6	0.870	0.230	0.0**	69.0
MW-16C	06/20/07	7.45	20.5	0.00	0.186	15.1	7.0
MW-16C	09/19/07	6.93	20.8	5.00	0.190	11.0	75.0
MW-16C	01/03/08	7.00	21.7	2.40	0.190	61.0	-44.0
MW-16C	09/05/08	7.10	21.7	0.250	0.189	4.0	30.0
MW-16C	03/05/09	7.10	21.1	0.150	0.194	6.0	-22.8
MW-16C	12/22/09	6.70	21.2	0.240	0.195	9.0	-113
MW-16C	06/29/10	7.10	21.3	0.400	0.186	3.0	64.3
MW-16C	03/15/11	7.74	21.2	2.03	0.173	31.3	223
MW-16C	09/15/11	7.65	21.4	2.08	0.180	26.1	257
MW-16C	03/22/12	7.16	23.9	2.32	0.146	33.4	299
MW-16C	09/06/12	7.00	27.8	0.760	0.156	28.3	240
MW-16C	03/07/13	7.32	19.0	2.21	0.098	15.4	268
MW-16C	11/12/13	7.35	18.9	2.30	0.124	18.9	221
MW-16C	03/12/14	7.39	22.9	0.750	0.125	8.8	234
MW-16C	03/02/15	7.14	21.5	1.64	0.153	20.9	213
MW-16C	03/15/16	7.05	22.9	1.84	0.113	18.1	249

Table 4
Groundwater Quality Parameters
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Well Id	Date	pH	Temperature (Degrees Celcius)	Dissolved Oxygen (mg/L)	Specific Conductivity (S/M)	Turbidity (NTU)	ORP (mV)
K-1	12/21/05	7.79	19.0	6.2*	0.140	510	81.0
K-1	05/31/06	7.27	21.0	2.03	9.99†	8.0	-36.0
K-1	09/15/06	7.32	20.7	5.33	0.124	15.0	119
K-1	12/22/06	8.75	17.9	8.90	0.155	380	21.0
K-1	03/20/07	6.94	18.5	5.63	0.183	0.0**	63.0
K-1	06/20/07	7.32	20.5	4.57	0.151	12.0	59.0
K-1	09/19/07	7.17	20.5	6.86	0.150	3.0	94.0
K-1	01/03/08	7.30	21.3	4.80	0.150	10.0	0.0
K-1	09/05/08	6.90	22.4	4.29	0.147	7.0	112
K-1	03/05/09	6.74	21.1	4.44	0.148	8.0	-8.9
K-1	12/21/09	6.40	21.8	4.52	0.150	10.0	-63.3
K-1	06/29/10	6.81	21.6	4.80	0.138	3.0	49.0
K-1	03/17/11	7.36	24.2	4.81	0.133	26.2	174
K-1	09/15/11	7.38	22.6	3.96	0.143	19.4	115
K-1	03/23/12	6.77	21.4	3.65	0.121	69.2	212
K-1	09/06/12	6.87	26.7	1.73	0.114	20.8	256
K-1	03/06/13	6.86	19.6	3.13	0.060	46.1	189
K-1	11/12/13	7.04	17.8	1.27	0.092	20.2	186
K-1	03/11/14	7.10	22.4	1.55	0.084	21.6	286
K-1	09/11/14	7.12	24.9	1.48	0.097	22.6	205
K-1	03/02/15	7.16	21.1	1.74	0.110	40.9	240
K-1	10/19/15	7.38	22.9	0.960	0.048	24.5	223
K-1	03/15/16	6.81	23.9	1.62	0.135	66.2	246
K-2	12/21/05	7.82	21.4	6.4*	0.150	460	148
K-2	05/31/06	6.91	20.9	6.08	0.280	2.0	125
K-2	12/22/06	8.80	16.7	9.09	0.151	0.0	73.0
K-2	03/20/07	6.86	17.8	4.57	0.184	0.0**	76.0
K-2	06/19/07	7.40	20.6	5.41	0.148	0.0	104
K-2	09/19/07	7.18	19.7	6.91	0.150	4.0	135
K-2	01/03/08	7.20	21.4	5.20	0.150	160	-6.0

Notes:
E_h = standard reduction potential (calculated from ORP using method recommended by instrument manufacturer)
mV = millivolts
mg/L = milligrams per liter
NTU = nephelometric turbidity units
NM = Not Monitored
NR = No Purge Record
ORP = field measured oxidation-reduction potential (various reference electrodes)
S/M = siemens per meter
ug/cm = Beginning March 2011
Water quality parameters taken inside well with a Horiba U-22 except MW-13A, MW-13B, MW-14, MW-15, K-1 and K-2
* = Dissolved oxygen likely elevated because of air lift techniques
† = Specific conductivity instrument showing an error message
**=Turbidity meter not functioning properly

Table 5
Groundwater Analytical Results
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Monitoring Well	Date Sampled	EPA 8015M	EPA 8260B						
		TEPH (TPHd) (µg/L)	**CF (µg/L)**	**1,1-DCE (µg/L)**	**c-DCE (µg/L)**	**t-DCE (µg/L)**	**PCE (µg/L)**	**TCE (µg/L)**	**OTHER VOCs**
Cal EPA MCLs (µg/L)		210[1]	80[4]	6	6	10	5	5	See values at end of table
MW-2	7/20/98	100 U	---	1.0 U	1.0 U	1.0 U	1.6	1.4	Methylene Chloride (**8.5**) 1,1,1,2-PCA (1.2)
MW-2	11/30/99	100 U	---	1.0 U	1.0 U	1.0 U	4.08	1.26	
MW-2	3/15/00	100 U	---	1.0 U	1.0 U	1.0 U	4.8	2.2	
MW-2	6/29/00	100 U	---	1.0 U	1.0 U	1.0 U	3.3	1.4	
MW-2	9/20/00	100 U	---	1.0 U	1.0 U	1.0 U	3.5	1.4	
MW-2	12/4/00	100 U	---	1.0 U	1.0 U	1.0 U	2.5	1.0	
MW-2	3/26/01	50 U	---	0.5 U	0.5 U	0.5 U	4.5	2.3	
MW-2	5/16/01	50 U	0.5 U	0.5 U	0.5 U	0.5 U	2.9	1.3	
MW-2	8/20/01	50 U	0.5 U	0.5 U	0.5 U	0.5 U	1.6	0.5 U	
MW-2	12/17/01	50 U	0.5 U	0.5 U	0.5 U	0.5 U	2.6	0.93	
MW-2	2/27/02	50 U	0.52	0.5 U	0.5 U	0.5 U	3.1	1.3	
MW-2	6/3/02	50 U	0.5 U	0.5 U	0.65	0.5 U	3.8	2.5	
MW-2	8/12/02	50 U	0.77	0.5 U	1.0	0.5 U	3.8	2.4	
MW-2	11/12/02	50 U	0.72	0.5 U	0.82	0.5 U	0.5 U	2.0	
MW-2	3/10/03	50 U	0.70	0.5 U	0.70	0.5 U	1.2	1.9	
MW-2	5/19/03	50 U	0.70	0.5 U	0.70	0.5 U	2.0	1.2	
MW-2	8/25/03	50 U	0.79	0.5 U	0.78	0.5 U	2.0	1.0	
MW-2	11/18/03	50 U	0.74	0.5 U	0.65	0.5 U	1.7	0.94	
MW-2	3/23/04	50 U	0.52	0.5 U	0.78	0.5 U	1.3	0.85	
MW-2	5/18/04	50 U	0.63	0.5 U	0.55	0.5 U	2.0	0.89	
MW-2	8/17/04	50 U	0.55	1.0 U	0.68	0.5 U	2.3	1.2	
MW-2	11/16/04	50 U	0.86	1.0 U	0.68	0.5 U	1.9	0.89	
MW-2	3/15/05	50 U	0.58	1.0 U	0.84	0.5 U	1.8	1.4	
MW-2	6/13/05	50 U	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	
MW-2	8/24/05	50 U	0.5 U	1.0 U	0.5 U	0.5 U	0.67	0.5 U	
MW-2	12/21/05	44 U	0.46J	0.31 U	0.35 U	0.29 U	0.82J	0.30 U	
MW-2	5/31/06	48 U	1.5B	0.31 U	0.35 U	0.29 U	1.1	0.30 U	Methylene Chloride (**7.4J,B**)
MW-2	9/14/06	48 U	0.75	0.26 U	0.63 U	0.83 U	0.87J	0.31 U	
MW-2	12/22/06	48 U	0.47J	0.26 U	0.63 U	0.83 U	0.97J	0.31 U	
MW-2	3/20/07	48 U	0.43 J	0.26 U	0.63 U	0.83 U	1.7	0.31 U	
MW-2	6/19/07	48 U	0.44J	0.29 U	0.35 U	0.38 U	1.7	0.46J	
MW-2	9/19/07	48 U	0.24 U	0.29 U	0.35 U	0.38 U	1.5	0.37 U	
MW-2	1/2/08	48 U	0.69 J	0.29 U	0.35 U	0.38 U	1.1	0.37 U	
MW-2	3/5/09	48 U	0.43 J	0.40 U	0.49 U	0.40 U	1.1	0.30 U	
MW-2	6/30/10	48 U	0.38 J	0.31 U	0.49 U	0.40 U	2.2	0.36J	
MW-2	3/17/11	500 U	1.0 U	1.0 U	1.0 U	1.0 U	1.5	1.0 U	
MW-2	9/15/11	500 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	
MW-2	3/23/12	500 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1	1.0 U	
MW-2	9/6/12	500 U	1.0 U	1.0 U	1.0 U	1.0 U	1.5	1.0 U	
MW-2	3/6/13	500 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1	1.0 U	
MW-2	11/11/13	---	1.0 U	1.0 U	1.0 U	1.0 U	1.3	1.0 U	
MW-2	3/11/14	---	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	
				To Be Abandoned					
MW-3	7/21/98	160	---	50 U	5.0 U	50 U	**850**	50 U	
MW-3	11/30/99	130	---	20 U	10 U	10 U	**308**	**24.3**	
MW-3	3/15/00	100 U	---	10 U	10 U	10 U	**510**	**71**	
MW-3	6/29/00	100 U	---	2.0 U	2.0	2.0 U	**100**	**20**	
MW-3	9/20/00	100 U	---	2.0 U	3.8	2.2	**130**	**29**	
MW-3	12/5/00	100 U	---	1.0 U	1.0 U	1.0 U	**47**	**12**	
MW-3	3/27/01	**230**	---	25 U	25 U	25 U	**890**	**180**	
MW-3	5/17/01	180	2.5 U	2.5 U	**16**	2.5 U	**510**	**100**	
MW-3	8/21/01	50 U	0.5 U	0.5 U	**8.6**	0.5 U	**140**	**50**	
MW-3	12/18/01	69	2.5 U	2.5 U	**10**	2.5 U	**120**	**40**	
MW-3	2/28/02	50 U	1.7	5.0 U	5.9	2.4	**94**	**28**	

Table 5
Groundwater Analytical Results
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Monitoring Well	Date Sampled	EPA 8015M	EPA 8260B						
		TEPH (TPHd) (µg/L)	**CF (µg/L)**	**1,1-DCE (µg/L)**	**c-DCE (µg/L)**	**t-DCE (µg/L)**	**PCE (µg/L)**	**TCE (µg/L)**	**OTHER VOCs**
Cal EPA MCLs (µg/L)		210[1]	80[4]	6	6	10	5	5	See values at end of table
MW-3	6/4/02	50 U	0.5 U	0.5 U	5.6	3.3	**100**	**38**	
MW-3	8/13/02	100	1.7	0.5 U	**15**	4.5	**190**	**93**	
MW-3	11/12/02	150	2.6	2.5 U	**33**	7.2	**270**	**160**	
MW-3	3/11/03	60	2.1	1.0 U	**13**	2.8	**150**	**41**	
MW-3	5/19/03	90	2.1	1.0 U	**22**	2.8	**150**	**47**	
MW-3	8/26/03	65	2.5	0.5 U	**27**	2.5	**110**	**44**	
MW-3	11/18/03	58	0.5 U	0.5 U	**19**	2.9	**97**	2.2	
MW-3	3/23/04	160	1.7	1.0 U	**34**	5.8	**310**	**110**	
MW-3	5/18/04	66	1.8	0.5 U	**21**	1.5	**74**	**28**	
MW-3	8/17/04	59	1.7	1.0 U	**7.8**	1.4	**110**	**22**	
MW-3	11/16/04	95	2.2	1.0 U	**17**	3.2	**160**	**46**	
MW-3	3/15/05	**2300**	25 U	50 U	25 U	25 U	**5100**	**110**	
MW-3	6/13/05	**390**	2.5 U	5.0 U	**36**	2.5 U	**460**	**34**	
MW-3	8/25/05	150	2.5 U	5.0 U	**18**	2.5 U	**340**	**25**	
MW-3	12/21/05	110	1.4J	0.61 U	**15**	1.6J	**250**	**40**	
MW-3	5/31/06	150	3B	0.61 U	**38**	1.9J	**450**	**48**	
MW-3	9/14/06	48 U	1.2	0.26 U	**19**	1.7	**130**	**31**	
MW-3	12/28/06	48 U	0.98 J	0.26 U	**23**	2.2	**83**	**31**	
MW-3	3/21/07	69	1.1	0.26 U	**29**	3.0	**66**	**33**	
MW-3	6/20/07	48 U	0.79J	0.29 U	**11**	0.94J	**42**	**14**	
MW-3 (DUP-2)	6/20/07	---	0.87J	0.29 U	**12**	1.1	**44**	**15**	Ethanol (150)
MW-3	9/19/07	90	0.81 J	0.29 U	**51**	3.2	**130**	**41**	
DUP-2	9/19/07	---	0.93 J	0.29 U	**70**	4.1	**190**	**60**	
MW-3	1/3/08	50	0.76 J	0.29 U	**15**	1.3	**45**	**12**	
MW-3 DUP-2	1/3/08	---	0.82 J	0.29 U	**16**	1.2	**51**	**13**	
MW-3	9/5/08	50 U	1.0 U	1.0 U	**18**	1.8	**150**	**11**	
MW-3	3/5/09	48 U	0.96 J	0.40 U	**15**	0.87 J	**23**	**6.4**	
MW-3	12/22/09	60	0.79 J	0.40 U	**28**	3.7	**70**	**14**	
MW-3	6/30/10	48 U	0.83 J	0.31 U	**11**	0.40 U	**56**	4.9	
MW-3	3/17/11	500 U	1.0 U	1.0 U	**17**	1.1	**320**	**30**	
MW-3	9/15/11	500 U	1.0 U	1.0 U	2.5	1.0 U	**57**	3	
MW-3	3/23/12	1500 U	1.0 U	1.0 U	**15**	1.7	**97**	**9.3**	
MW-3	9/7/12	500 U	2.0 U	2.0 U	**21**	4.1	**220**	**18**	
MW-3	3/7/13	500 U	1.0 U	1.0 U	**13**	1.0 U	**46**	**5.3**	
MW-3	11/12/13	---	1.0 U	1.0 U	**49**	1.2	**140**	**10**	
MW-3	3/12/14	---	1.0 U	1.0 U	1.0 U	1.0 U	2.9	1.0 U	
MW-3	9/11/14	---	1.0 U	1.0 U	1.0 U	1.0 U	2.8	1.0 U	
MW-3	3/2/15	---	1.0 U	1.0 U	1.0 U	1.0 U	2.0	1.0 U	
MW-3	10/19/15	---	1.0 U	1.0 U	1.0 U	1.0 U	3.6	1.0 U	
MW-3	3/16/16	---	1.0 U	1.0 U	1.0 U	1.0 U	**7.4**	1.0 U	
MW-4	7/20/98	**696**	---	50 U0	**3400**	50 U0	**2500**	**1080**	
MW-4	11/30/99	**2,200**	---	20 U0	**2880**	100 U	**2360**	**1410**	
MW-4	3/15/00	100 U	---	100 U	**6600**	100 U	**3200**	**2300**	Vinyl Chloride (**200**)
MW-4	6/29/00	100 U	---	50 U	**3000**	**58**	**3500**	**1800**	
MW-4	9/20/00	**2,500**	---	50 U	**2300**	50 U	**2800**	**1900**	
MW-4	12/5/00	100 U	---	50 U	**1800**	50 U	**2300**	**1600**	
MW-4	3/27/01	**630**	---	25 U	**4500**	25 U	**1800**	**1500**	
MW-4	5/17/01	**1100**	25 U	25 U	**3000**	**70**	**3300**	**2600**	
MW-4	8/21/01	**800**	25 U	25 U	**4100**	25 U	**2800**	**2400**	
MW-4	12/18/01	**640**	25 U	25 U	**5600**	**77**	**2800**	**3200**	
MW-4	2/28/02	**1400**	25 U	25 U	**2800**	**45**	**2500**	**2600**	
MW-4	6/4/02	**1600**	0.5 U	0.5 U	**2600**	3.5	**1800**	**2400**	
MW-4	8/13/02	**2700**	25 U	25 U	**3100**	**48**	**1600**	**2300**	
MW-4	11/12/02	**1900**	25 U	25 U	**2400**	**39**	**1700**	**2700**	

Table 5
Groundwater Analytical Results
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Monitoring Well	Date Sampled	EPA 8015M	EPA 8260B						
		TEPH (TPHd) (µg/L)	**CF (µg/L)**	**1,1-DCE (µg/L)**	**c-DCE (µg/L)**	**t-DCE (µg/L)**	**PCE (µg/L)**	**TCE (µg/L)**	**OTHER VOCs**
Cal EPA MCLs (µg/L)		210[1]	80[4]	6	6	10	5	5	See values at end of table
MW-4	3/10/03	---	---	---	---	---	---	---	
MW-4	5/19/03	**1600**	25 U	25 U	**4700**	**56**	**1100**	**1400**	
MW-4	8/26/03	**1600**	25 U	25 U	**5300**	**62**	**1700**	**3500**	Vinyl Chloride (**54**)
MW-4	11/18/03	**3000**	25 U	25 U	**8000**	**99**	**1800**	**6700**	Vinyl Chloride (**66**)
MW-4	3/23/04	**3800**	50 U	50 U	**12000**	**160**	**1500**	**2100**	
MW-4	5/18/04	**3400**	50 U	50 U	**11000**	**170**	**1200**	**2100**	Vinyl Chloride (**110**)
MW-4	8/17/04	**3400**	25 U	50 U	**2500**	**33**	**670**	**2400**	
MW-4	11/16/04	**4700**	25 U	50 U	**7900**	**74**	**2400**	**5100**	Vinyl Chloride (**110**)
MW-4	3/16/05	**880**	10 U	20 U	**1500**	**15**	**140**	**570**	
MW-4	6/14/05	**1400**	25 U	50 U	**5400**	**110**	**100**	**500**	
MW-4	8/24/05	--	--	--	--	--	--	--	(Obstructed)
MW-4	12/22/05	--	--	--	--	--	--	--	(Obstructed)
MW-4	5/31/06	--	--	--	--	--	--	--	(Obstructed)
MW-4	9/15/06	--	--	--	--	--	--	--	(Obstructed)
MW-4	7/28/08	--	--	--	--	--	--	--	(Lost)
MW-7	7/20/98	100 U	---	12 U	**121**	**30**	**53**	**93**	Methylene Chloride (**57**) Vinyl Chloride (**26**)
MW-7	11/30/99	107	---	5.0 U	**51**	7	**35**	**49**	
MW-7	3/15/00	100 U	---	5.0 U	**290**	**15**	**120**	**140**	
MW-7	6/29/00	100 U	---	2.0 U	**160**	**18**	**72**	**73**	
MW-7	9/20/00	110	---	1.0 U	**89**	**12**	**65**	**72**	
MW-7	12/4/00	100 U	---	1.0 U	**52**	6.8	**44**	**49**	
MW-7	3/26/01	140	---	2.5 U	**220**	**27**	**55**	**95**	
MW-7	5/16/01	110	2.5 U	2.5 U	**260**	**26**	**66**	**87**	
MW-7	8/20/01	50 U	0.5 U	0.5 U	**140**	**15**	**44**	**60**	
MW-7	12/17/01	70	2.5 U	2.5 U	**66**	**10**	**56**	**75**	
MW-7	2/27/02	130	0.93	0.5 U	**62**	7.1	**47**	**61**	Vinyl Chloride (**3.9**)
MW-7	6/3/02	70	0.5 U	0.5 U	**80**	6.9	**49**	**69**	
MW-7	8/12/02	86	1.3	0.5 U	**82**	6.4	**48**	**63**	
MW-7	11/12/02	150	1.6	0.5 U	**72**	5.9	**47**	**68**	
MW-7	3/11/03	63	1.2	0.5 U	**130**	8.6	**50**	**59**	Vinyl Chloride (**1.6**)
MW-7	5/19/03	89	1.5	1.0 U	**180**	**12**	**27**	**41**	1,1,2,2-PCA (**1.5**)
MW-7	8/25/03	92	1.5	1.0 U	**140**	**11**	**33**	**51**	Vinyl Chloride (**13**)
MW-7	11/18/03	67	1.6	1.0 U	**99**	1.0 U	**40**	**31**	Vinyl Chloride (**6.2**)
MW-7	3/23/04	96	0.65	0.5 U	**100**	0.5 U	**32**	**38**	
MW-7	5/18/04	100	1.2	1.0 U	**130**	**12**	**34**	**44**	Vinyl Chloride (**4.3**)
MW-7	8/17/04	78	1.1	1.0 U	**74**	8.7	**38**	**46**	
MW-7	11/16/04	100	1.2	1.0 U	**87**	8.7	**39**	**58**	Vinyl Chloride (**4.3**)
MW-7	3/16/05	85	0.78	1.0 U	**82**	6.2	**25**	**32**	
MW-7	6/14/05	68	0.57	1.0 U	**36**	5.6	**18**	**25**	Vinyl Chloride (**1.6**)
MW-7	8/25/05	67	0.66	1.0 U	**36**	3.5	**24**	**24**	
MW-7	12/22/05	170	0.62J	0.31 U	**30**	2	**24**	**23**	Vinyl Chloride (0.49J)
MW-7	5/31/06	67	1.7B	0.31 U	**79**	5.6	**31**	**31**	Methylene Chloride (**6.1J,B**) Vinyl Chloride (**0.69**)
MW-7	9/15/06	48 U	0.79J	0.26 U	**44**	3.9	**16**	**17**	Vinyl Chloride (**1.6**)
MW-7	12/22/06	83	0.45J	0.26 U	**31**	1.6	**14**	**14**	1,2-Dichlorobenzene (0.21J) Vinyl Chloride (**2.7**)
MW-7	3/21/07	69	0.67 J	0.26 U	**51**	2.9	**18**	**19**	1,2-Dichlorobenzene (0.36 J) Vinyl Chloride (**2.6**)
MW-7	6/20/07	54	0.62J	0.29 U	**41**	1.9	**18**	**12**	Acetone (6.6J) Vinyl Chloride (**1.1**)
MW-7	9/19/07	48 U	0.54 J	0.29 U	**44**	1.8	**16**	**9.2**	
MW-7	1/3/08	82	0.58 J	0.29 U	**53**	1.8	**16**	**8.8**	
MW-7	9/4/08	50 U	1.0 U	1.0 U	**53**	2.5	**14**	**8.5**	Vinyl Chloride (**1.5**)

Table 5
Groundwater Analytical Results
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Monitoring Well	Date Sampled	EPA 8015M	EPA 8260B						
		TEPH (TPHd) (µg/L)	**CF (µg/L)**	**1,1-DCE (µg/L)**	**c-DCE (µg/L)**	**t-DCE (µg/L)**	**PCE (µg/L)**	**TCE (µg/L)**	**OTHER VOCs**
Cal EPA MCLs (µg/L)		210[1]	80[4]	6	6	10	5	5	See values at end of table
MW-7	3/5/09	48 U	0.56 J	0.40 U	**39**	2.5	**9.4**	**6.4**	
MW-7	12/21/09	48 U	0.40 J	0.40 U	**47**	1.8	**13**	4.9	
MW-7	6/30/10	48 U	0.46 J	0.31 U	**76**	2.6	**21**	**7.6**	Vinyl Chloride (**1.8**)
MW-7	3/15/11	500 U	1.0 U	1.0 U	**50**	2.4	**16**	4.7	
MW-7	9/15/11	500 U	1.0 U	1.0 U	**27**	1.3	**17**	4	
MW-7	3/21/12	500 U	1.0 U	1.0 U	**23**	1.3	**18**	4.3	
MW-7	9/6/12	500 U	1.0 U	1.0 U	**14**	1.0 U	**9.5**	1.8	
MW-7	3/6/13	500 U	1.0 U	1.0 U	**18**	1.0 U	**5**	1.9	
MW-7	11/11/13	---	1.0 U	1.0 U	**21**	1.0 U	**8.5**	1.9	
MW-7	3/11/14	---	1.0 U	1.0 U	**15**	1.0 U	2.2	1.0 U	
MW-7	9/11/14	---	1.0 U	1.0 U	**9.0**	1.0 U	2.3	1.0 U	
MW-7	3/2/15	---	1.0 U	1.0 U	4.2	1.0 U	2.2	1.0 U	
MW-7	10/20/15	---	1.0 U	1.0 U	2.5	1.0 U	1.8	1.0 U	
MW-7	3/15/16	---	1.0 U	1.0 U	2.2	1.0 U	2.4	1.0 U	
MW-8A	9/19/00	100 U	---	1.0 U	1.0 U	1.0 U	1.5	1.0 U	
MW-8A	12/4/00	100 U	---	1.0 U	1.0 U	1.0 U	1.0	1.0 U	
MW-8A	3/26/01	50 U	---	0.5 U	0.5 U	0.5 U	1.6	0.5 U	
MW-8A	5/16/01	50 U	1.1	0.5 U	0.5 U	0.5 U	1.6	0.5 U	
MW-8A	8/20/01	50 U	0.5 U	0.5 U	0.5 U	0.5 U	1.7	0.5 U	
MW-8A	12/17/01	50 U	1.2	0.5 U	0.5 U	0.5 U	1.6	0.5 U	
MW-8A	2/27/02	50 U	1.3	0.5 U	0.5 U	0.5 U	1.7	0.5 U	
MW-8A	6/3/02	50 U	0.5 U	0.5 U	0.5 U	0.5 U	3.2	0.86	
MW-8A	8/12/02	50 U	1.4	0.5 U	0.5 U	0.5 U	2.9	0.71	
MW-8A	11/11/02	50 U	1.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	
MW-8A	3/10/03	50 U	1.7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	
MW-8A	5/19/03	50 U	1.4	0.5 U	0.5 U	0.5 U	1.1	0.5 U	
MW-8A	8/25/03	50 U	2.0	0.5 U	0.5 U	0.5 U	2.2	0.76	
MW-8A	11/17/03	50 U	1.7	0.5 U	0.5 U	0.5 U	1.8	0.5 U	
MW-8A	3/22/04	50 U	1.1	0.5 U	0.5 U	0.5 U	0.54	0.5 U	
MW-8A	5/17/04	50 U	1.4	0.5 U	0.5 U	0.5 U	1.3	0.5 U	
MW-8A	8/16/04	50 U	1.4	1.0 U	0.5 U	0.5 U	1.5	0.5 U	
MW-8A	11/15/04	50 U	1.6	1.0 U	0.5 U	0.5 U	1.2	0.5 U	
MW-8A	3/15/05	50 U	1.1	1.0 U	0.5 U	0.5 U	0.71	0.5 U	
MW-8A	6/13/05	50 U	0.5 U	1.0 U	0.83	0.5 U	0.5 U	0.5 U	
MW-8A	8/24/05	50 U	0.92	1.0 U	0.5 U	0.5 U	0.86	0.5 U	
MW-8A	12/21/05	44 U	1.1	0.31 U	0.35 U	0.29 U	1.0	0.30 U	
MW-8A	6/5/06	48 U	1.1B	0.31 U	0.35 U	0.29 U	1.1	0.30 U	Methylene chloride (4.6J)
MW-8A	9/14/06	48 U	0.92J	0.26 U	0.63 U	0.83 U	1.4	0.31 U	Chloroethane (0.70J) Naphthalene (0.72J,B)
MW-8A	12/21/06	48 U	0.95J	0.26 U	0.63 U	0.83 U	0.78J	0.31 U	Acetone (8.8J)
MW-8A	3/20/07	48 U	0.85 J	0.26 U	0.63 U	0.83 U	1.1	0.31 U	
MW-8A	6/19/07	48 U	0.72J	0.29 U	0.35 U	0.38 U	1.1	0.37 U	
MW-8A	9/18/07	48 U	0.71 J	0.29 U	0.35 U	0.38 U	1.4	0.37 U	Methylene Chloride (**6.9** J)
MW-8A	1/2/08	48 U	0.74 J	0.29 U	0.35 U	0.38 U	0.90 J	0.37 U	
MW-8A	3/5/09	48 U	0.74 J	0.40 U	0.49 U	0.40 U	0.68 J	0.30 U	
MW-8A	6/30/10	48 U	0.72 J	0.31 U	0.49 U	0.40 U	1.5	0.30 U	
MW-8A	3/15/11	500 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1	1.0 U	
MW-8A	9/15/11	500 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	
MW-8A	3/22/12	500 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	
MW-8A	9/7/12	500 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0	1.0 U	
MW-8A	3/6/13	500 U	1.0 U	1.0 U	1.0 U	1.0 U	2.1	1.0 U	
MW-8A	11/12/13	---	1.0 U	1.0 U	1.0 U	1.0 U	1.2	1.0 U	
MW-8A	3/12/14	---	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	
To Be Abandoned									

Table 5
Groundwater Analytical Results
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Monitoring Well	Date Sampled	EPA 8015M	EPA 8260B						
		TEPH (TPHd) (µg/L)	**CF (µg/L)**	**1,1-DCE (µg/L)**	**c-DCE (µg/L)**	**t-DCE (µg/L)**	**PCE (µg/L)**	**TCE (µg/L)**	**OTHER VOCs**
Cal EPA MCLs (µg/L)		210[1]	80[4]	6	6	10	5	5	See values at end of table
MW-9A	7/20/98	100 U	---	12 U	**72**	**23**	**40**	**62**	Methylene chloride (**54**)
MW-9A	11/30/99	103	---	5.0 U	**62**	3	**46**	**52.4**	
MW-9A	3/15/00	100 U	---	10 U	**570**	**12**	**87**	**140**	
MW-9A	6/29/00	100 U	---	2.0 U	**130**	6.2	**62**	**62**	
MW-9A	9/19/00	100 U	---	1.0 U	**75**	3.6	**39**	**44**	
MW-9A	12/4/00	100 U	---	1.0 U	**55**	2.8	**35**	**36**	
MW-9A	3/26/01	130	---	2.5 U	**400**	**13**	**100**	**180**	
MW-9A	5/16/01	75	2.5 U	2.5 U	**210**	**13**	**72**	**92**	
MW-9A	8/20/01	50 U	0.5 U	0.5 U	**100**	5.2	**41**	**51**	
MW-9A	12/17/01	50 U	2.5 U	2.5 U	**100**	2.5 U	**58**	**63**	
MW-9A	2/27/02	50 U	0.75	0.5 U	**110**	2.6	**40**	**46**	
MW-9A	6/3/02	50 U	2.5 U	2.5 U	**95**	2.5 U	**32**	**38**	Acetone (7.6J)
MW-9A	8/12/02	91	2.5 U	2.5 U	**88**	3.0	**36**	**41**	
MW-9A	11/11/02	62	0.99	0.5 U	**100**	2.8	**37**	**48**	
MW-9A	3/10/03	50 U	1.0	0.5 U	**120**	3.3	**40**	**39**	
MW-9A	5/19/03	61	0.8	0.5 U	**110**	4.8	**31**	**38**	
MW-9A	8/25/03	50	1.1	0.5 U	**110**	3.8	**27**	**37**	
MW-9A	11/17/03	50 U	1.0	0.5 U	**97**	3.5	**33**	0.5 U	
MW-9A	3/22/04	67	0.63	0.5 U	**88**	3.1	**26**	**25**	
MW-9A	5/17/04	63	0.92	0.5 U	**96**	4.2	**31**	**34**	
MW-9A	8/16/04	68	0.86	1.0 U	**80**	3.0	**29**	**32**	
MW-9A	11/15/04	86	0.95	1.0 U	**86**	3.0	**25**	**28**	
MW-9A	3/16/05	50 U	0.73	1.0 U	**84**	4.4	**15**	**18**	
MW-9A	6/14/05	63	0.59	1.0 U	**65**	4.0	**9.9**	**16**	
MW-9A	8/25/05	50 U	0.55	1.0 U	**52**	2.7	**16**	**19**	
MW-9A	12/22/05	44 U	0.59J	0.31 U	**38**	1.2	**20**	**17**	
MW-9A	5/31/06	48 U	1.6B	1.0 U	**70**	2.3	**21**	**21**	Methylene chloride (**6.9J,B**) Vinyl Chloride (**0.53**)
MW-9A	9/14/06	48 U	0.52J	0.26 U	**69**	1.4	**15**	**12**	
MW-9A	12/22/06	48 U	0.54J	0.26 U	**58**	1.3	**11**	**11**	
MW-9A	3/21/07	48 U	0.45 J	0.26 U	**64**	2.1	**9.8**	**9.7**	Vinyl Chloride (**0.51**)
MW-9A	6/20/07	48 U	0.45 J	0.29 U	**64**	1.0	**14**	**8.5**	Acetone (18J)
MW-9A	9/19/07	48 U	0.36 J	0.29 U	**66**	0.85 J	**13**	**7.5**	
MW-9A	1/3/08	48 U	0.37 J	0.29 U	**56**	0.78 J	**13**	**6.2**	Carbon Disulfide (0.60 J)
MW-9A	9/5/08	50 U	1.0 U	1.0 U	**45**	1.0 U	**13**	**6**	
MW-9A	3/4/09	48 U	0.40 J	0.40 U	**53**	0.78 J	**7.1**	**6**	
MW-9A	12/22/09	48 U	0.44 J	0.40 U	**46**	4.7	**11**	4.9	
MW-9A	6/29/10	48 U	0.4	0.31 U	**73**	1.4	**13**	**5.8**	
MW-9A	3/15/11	500 U	1.0 U	1.0 U	**60**	1.2	**12**	**5.3**	
MW-9A	9/15/11	500 U	0.50 U	1.0 U	**30**	3.8	**5**	3.8	
MW-9A	3/21/12	500 U	1.0 U	1.0 U	**52**	1.0 U	3.4	3.2	
MW-9A	9/6/12	500 U	1.0 U	1.0 U	**30**	1.0 U	3.6	3.0	
MW-9A	3/6/13	500 U	1.0 U	1.0 U	**30**	1.0 U	2.1	2.5	
MW-9A	11/12/13	---	1.0 U	1.0 U	**25**	1.0 U	4.2	1.7	
MW-9A	3/11/14	---	1.0 U	1.0 U	**23**	1.0 U	2.4	1.3	
MW-9A	3/3/15	---	1.0 U	1.0 U	**13**	1.0 U	1.7	1.3	
MW-9A	3/15/16	---	1.0 U	1.0 U	**11**	1.0 U	1.6	1.2	
MW-9B	7/20/98	100 U	---	10 U	10 U	10 U	**125**	**15**	Methylene chloride (**41**)
MW-9B	11/30/99	**256**	---	25 U.0	12 U.5	12 U.5	**404**	12 U.5	
MW-9B	3/15/00	100 U	---	10 U	10 U	10 U	**550**	**15**	
MW-9B	6/29/00	100 U	---	2.5 U	2.5 U	2.5 U	**210**	**6.1**	
MW-9B	9/19/00	100 U	---	2.0 U	2.0 U	2.0 U	**100**	**5.9**	
MW-9B	12/4/00	100 U	---	1.0 U	1.0 U	1.0 U	**81**	4.4	
MW-9B	3/26/01	100 U	---	0.5 U	0.5 U	0.5 U	**140**	**7.7**	

Table 5
Groundwater Analytical Results
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Monitoring Well	Date Sampled	EPA 8015M	EPA 8260B						
		TEPH (TPHd) (µg/L)	**CF (µg/L)**	**1,1-DCE (µg/L)**	**c-DCE (µg/L)**	**t-DCE (µg/L)**	**PCE (µg/L)**	**TCE (µg/L)**	**OTHER VOCs**
Cal EPA MCLs (µg/L)		210[1]	80[4]	6	6	10	5	5	See values at end of table
MW-9B	5/16/01	50 U	0.5 U	0.5 U	0.5 U	0.5 U	**130**	**7.3**	
MW-9B	8/20/01	50 U	0.5 U	0.5 U	0.5 U	0.5 U	**67**	4.8	
MW-9B	12/17/01	50 U	0.5 U	0.5 U	0.91	0.5 U	**130**	**7.8**	
MW-9B	2/27/02	50 U	0.5 U	0.5 U	0.69	0.5 U	**85**	**6.9**	
MW-9B	6/3/02	50 U	0.5 U	0.5 U	0.58	0.5 U	**49**	**5.1**	
MW-9B	8/12/02	50 U	0.5 U	0.5 U	0.53	0.5 U	**88**	**6.9**	
MW-9B	11/11/02	50 U	0.5 U	0.5 U	0.79	5.0 U	**45**	**6.4**	
MW-9B	3/10/03	50 U	0.5 U	0.5 U	0.60	0.5 U	**36**	4.1	
MW-9B	5/19/03	50 U	0.5 U	0.5 U	0.89	0.5 U	**46**	4.6	
MW-9B	8/25/03	50 U	0.5 U	0.5 U	0.97	0.5 U	**32**	4.2	
MW-9B	11/17/03	50 U	0.5 U	0.5 U	0.97	0.5 U	**22**	3.8	
MW-9B	3/22/04	50 U	0.5 U	0.5 U	0.5 U	0.5 U	**18**	2.2	
MW-9B	5/17/04	50 U	0.5 U	0.5 U	0.84	0.5 U	**15**	2.4	
MW-9B	8/16/04	50 U	0.5 U	0.5 U	1.0 U	0.5 U	**5.4**	1.3	
MW-9B	11/15/04	50 U	0.5 U	1.0 U	0.5 U	0.5 U	3.0	0.5 U	
MW-9B	3/15/05	50 U	0.5 U	1.0 U	0.50	0.5 U	1.6	0.68	
MW-9B	6/13/05	50 U	0.5 U	1.0 U	0.56	0.5 U	0.5 U	1.4	
MW-9B	8/24/05	50 U	0.73	1.0 U	0.5 U	0.5 U	1.0	0.5 U	
MW-9B	12/22/05	44 U	0.22 U	0.31 U	0.35 U	0.29 U	1.3	0.30 U	
MW-9B	5/31/06	48 U	0.94J,B	0.31 U	0.83J	0.29 U	3.5	0.89J	Methylene chloride (**7.3J,B**)
MW-9B	9/15/06	48 U	0.49J	0.26 U	1.3	0.83 U	1.3	0.31 U	Acetone (7.6J,B)
MW-9B	12/22/06	48 U	0.29 U	0.26 U	0.63 U	0.83 U	1.9	0.31 U	
MW-9B	3/21/07	48 U	0.29 U	0.26 U	1.6	0.83 U	1.8	2.4	
MW-9B	6/20/07	48 U	0.24 U	0.29 U	**6.1**	0.38 U	0.35 U	0.68J	
MW-9B	9/19/07	48 U	0.24 U	0.29 U	0.35 U	0.38 U	3.0	0.37 U	
MW-9B	1/3/08	48 U	0.24 U	0.29 U	0.35 U	0.38 U	3.8	0.37 U	
MW-9B	9/4/08	50 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	
DUP-2	9/4/08	50 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0	1.0 U	
MW-9B	3/4/09	48 U	0.46 J	0.40 U	0.49 U	0.40 U	1.8	0.30 U	
MW-9B	12/22/09	48 U	0.33 U	0.40 U	0.51 J	0.40 U	1.5	0.30 U	
MW-9B	6/29/10	48 U	0.33 U	0.31 U	0.49 U	1.1	0.5 U1	2.1	
MW-9B	3/15/11	500 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1	1.0 U	
MW-9B	9/15/11	500 U	1.0 U	1.0 U	1.20	1.0 U	3.7	1.0 U	
MW-9B	3/21/12	500 U	1.0 U	1.0 U	1.0 U	1.0 U	4.2	1.0 U	
MW-9B	9/6/12	500 U	1.0 U	1.0 U	1.0 U	1.0 U	3.4	1.0 U	
MW-9B	3/6/13	500 U	1.0 U	1.0 U	1.0 U	1.0 U	2.1	1.0 U	
MW-9B	11/12/13	---	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	
MW-9B	3/11/14	---	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	
MW-9B	3/3/15	---	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	
					To Be Abandoned				
MW-10A	7/20/98	206	---	25 U	**567**	25 U	**306**	**463**	
MW-10A	11/30/99	678	---	100 U	**1680**	50 U	**131**	**268**	
MW-10A	3/15/00	100 U	---	25 U	**1600**	**26**	**110**	**200**	
MW-10A	6/29/00	100 U	---	25 U	**1200**	25 U	**110**	**280**	
MW-10A	9/19/00	490	---	12 U	**900**	**18**	**93**	**170**	
MW-10A	12/4/00	100 U	---	10 U	**560**	**12**	**58**	**66**	
MW-10A	3/26/01	160	---	2.5 U	**850**	**16**	**97**	**140**	
MW-10A	5/16/01	170	2.5 U	2.5 U	**980**	**18**	**84**	**140**	
MW-10A	8/20/01	100	2.5 U	2.5 U	**800**	**13**	**79**	**110**	
MW-10A	12/17/01	99	2.5 U	2.5 U	**750**	**14**	**69**	**77**	
MW-10A	2/27/02	100	5.0 U	5.0 U	**1100**	**18**	**60**	**73**	
MW-10A	6/3/02	140	5.0 U	5.0 U	**1200**	**14**	**44**	**58**	
MW-10A	8/12/02	450	50 U	5.0 U	**1200**	**13**	**47**	**56**	
MW-10A	11/11/02	97	2.5 U	2.5 U	**550**	7.8	**28**	**47**	
MW-10A	3/10/03	83	2.5 U	2.5 U	**780**	8.0	**37**	**36**	

Table 5
Groundwater Analytical Results
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Monitoring Well	Date Sampled	EPA 8015M	EPA 8260B						
		TEPH (TPHd) (µg/L)	**CF (µg/L)**	**1,1-DCE (µg/L)**	**c-DCE (µg/L)**	**t-DCE (µg/L)**	**PCE (µg/L)**	**TCE (µg/L)**	**OTHER VOCs**
Cal EPA MCLs (µg/L)		210[1]	80[4]	6	6	10	5	5	See values at end of table
MW-10A	5/19/03	83	2.5 U	2.5 U	**360**	4.1	**26**	**27**	
MW-10A	8/25/03	94	2.5 U	2.5 U	**680**	7.3	**26**	**39**	Vinyl Chloride (**7.6**)
MW-10A	11/17/03	100	2.5 U	2.5 U	**940**	**10**	**35**	**42**	
MW-10A	3/22/04	140	2.5 U	2.5 U	**380**	5.7	**12**	**12**	
MW-10A	5/17/04	120	2.5 U	5.0	**540**	7.3	**28**	**25**	
MW-10A	8/16/04	140	2.5 U	1.0 U	**670**	7.8	**24**	**22**	
MW-10A	11/15/04	180	2.5 U	5.0 U	**490**	5.1	**17**	**13**	
MW-10A	3/16/05	110	5.0 U	10 U	**1000**	**14**	**16**	**32**	
MW-10A	6/14/05	180	5.0 U	10 U	**510**	**18**	**7.1**	**24**	
MW-10A	8/25/05	120	5.0 U	10 U	**470**	6.9	**20**	**22**	
MW-10A	12/22/05	88	0.43 U	0.61 U	**350**	5.3	**25**	**19**	
MW-10A	5/31/06	48 U	1.1J,B	0.61 U	**280**	**11**	**14**	**11**	Methylene chloride (**31**B) Vinyl Chloride (**1.7**)
MW-10A	9/15/06	48 U	0.5 U9	0.5 U1	**260**	8.1	**13**	**11**	Vinyl Chloride (**3.4**)
MW-10A	12/22/06	48 U	0.5 U9	0.5 U1	**200**	2.5	**13**	**8.6**	Vinyl Chloride (**1.9**)
MW-10A	3/21/07	69	0.29 U	0.26 U	**160**	2.9	**11**	**8.0**	Vinyl Chloride (**0.53**)
MW-10A	6/20/07	72	0.24 U	0.29 U	**160**	1.8	**9.8**	**5.6**	Vinyl Chloride (**1.1**)
MW-10A	9/19/07	64	0.24 U	0.29 U	**120**	1.3	**7.4**	4.3	Vinyl Chloride (**0.52**)
MW-10A	1/3/08	53	0.24 U	0.29 U	**95**	0.81 J	**9.0**	4.4	Carbon Disulfide (0.64 J) Vinyl Chloride (0.41 J)
MW-10A	9/5/08	67	1.0 U	1.0 U	**160**	2.3	**13**	**7.6**	Vinyl Chloride (**2.7**)
MW-10A	3/4/09	48 U	0.33 U	0.40 U	**110**	1.4	**6.9**	**5.3**	Vinyl Chloride (**1.9**)
MW-10A	12/22/09	48 U	0.33 U	0.40 U	**91**	2.1	**11**	**6**	Vinyl Chloride (**1.3**) Ethanol (51 J)
MW-10A	6/29/10	48 U	0.33 U	0.31 U	**140**	1.8	**7.2**	**6.3**	Vinyl Chloride (**4.9**)
MW-10A	3/15/11	500 U	1.0 U	1.0 U	**100**	1.0	**5.5**	**6.1**	Vinyl Chloride (**3.0**)
MW-10A	9/14/11	500 U	1.0 U	1.0 U	**57**	2.2	**6.9**	**6.3**	Vinyl Chloride (**1.6**)
MW-10A	3/21/12	500 U	1.0 U	1.0 U	**32**	3.2	**7.0**	**4.6**	Vinyl Chloride (**0.67**)
MW-10A	9/6/12	500 U	1.0 U	1.0 U	**21**	1.4	3.4	2.6	Vinyl Chloride (**0.59**)
MW-10A	3/6/13	500 U	1.0 U	1.0 U	**19**	1.0 U	1.4	2.3	
MW-10A	11/11/13	---	1.0 U	1.0 U	**28**	1.0 U	4.6	3.1	
MW-10A	3/11/14	---	1.0 U	1.0 U	**26**	1.0 U	**5.4**	3.1	
MW-10A	9/11/14	---	1.0 U	1.0 U	**23**	1.0 U	4.4	2.9	
MW-10A	3/3/15	---	1.0 U	1.0 U	**11**	1.0 U	4.0	2.4	
MW-10A	10/20/15	---	1.0 U	1.0 U	**9.6**	1.0 U	3.5	2.6	
MW-10A	3/15/16	---	1.0 U	1.0 U	**13**	1.0 U	3.5	2.9	
MW-10B	7/20/98	100 U	---	2.5 U	**73.7**	2.5 U	**69.5**	**33.2**	
MW-10B	11/30/99	100 U	---	4 U	**50.3**	2.0 U	**41**	**46.5**	
MW-10B	3/15/00	100 U	---	1.0 U	**39**	**1.0**	**21**	**24**	
MW-10B	6/29/00	100 U	---	1.0 U	**31**	1.1	**18**	**20**	
MW-10B	9/19/00	100 U	---	1.0 U	**36**	1.4	**18**	**20**	
MW-10B	12/4/00	100 U	---	1.0 U	**28**	1.2	**14**	**15**	
MW-10B	3/26/01	57	---	0.5 U	**52**	2.8	**23**	**27**	
MW-10B	5/16/01	50 U	0.5 U	0.5 U	**41**	1.9	**17**	**19**	
MW-10B	8/20/01	50 U	0.5 U	0.5 U	**46**	0.5 U	**17**	**19**	
MW-10B	12/17/01	50 U	0.5 U	0.5 U	**38**	0.5 U	**17**	**17**	
MW-10B	2/27/02	50 U	0.5 U	0.5 U	**24**	0.77	**13**	**13**	
MW-10B	6/3/02	50 U	0.5 U	0.5 U	**15**	0.5 U	**9.5**	**9.5**	
MW-10B	8/12/02	50 U	0.5 U	0.5 U	**11**	0.5 U	**9.0**	**7.6**	
MW-10B	11/11/02	50 U	0.5 U	0.5 U	**6.8**	0.5 U	**5.3**	**6.9**	
MW-10B	3/10/03	50 U	0.5 U	0.5 U	3.7	0.5 U	4.5	4.6	
MW-10B	5/19/03	50 U	0.5 U	0.5 U	4.0	0.5 U	**5.6**	4.5	
MW-10B	8/25/03	50 U	0.5 U	0.5 U	4.0	0.5 U	**7.8**	**6.0**	
MW-10B	11/17/03	50 U	0.5 U	0.5 U	3.8	0.5 U	**7.9**	**5.9**	

Table 5
Groundwater Analytical Results
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Monitoring Well	Date Sampled	EPA 8015M	EPA 8260B						
		TEPH (TPHd) (µg/L)	CF (µg/L)	1,1-DCE (µg/L)	c-DCE (µg/L)	t-DCE (µg/L)	PCE (µg/L)	TCE (µg/L)	OTHER VOCs
Cal EPA MCLs (µg/L)		210[1]	80[4]	6	6	10	5	5	See values at end of table
MW-10B	3/22/04	50 U	0.5 U	0.5 U	2.7	0.5 U	**2.8**	1.9	
MW-10B	5/17/04	50 U	0.5 U	0.5 U	1.6	0.5 U	**7.0**	4.9	
MW-10B	8/16/04	50 U	0.5 U	1.0 U	0.96	0.5 U	**7.1**	**5.4**	
MW-10B	11/15/04	50 U	0.5 U	1.0 U	0.84	0.5 U	**7.1**	**5.8**	
MW-10B	3/15/05	50 U	0.5 U	1.0 U	3.2	0.5 U	**5.8**	**5.2**	
MW-10B	6/13/05	50 U	0.5 U	1.0 U	**8.8**	0.82	3.4	4.4	
MW-10B	8/24/05	50 U	0.5 U	1.0 U	**22**	0.51	3.6	4.3	
MW-10B	12/22/05	44 U	0.22 U	0.31 U	**15**	0.29 U	4.3	4.6	
MW-10B	5/31/06	48 U	0.53J,B	0.31 U	**7.1**	0.31J	3.3	2.9	Methylene chloride (**13B**)
MW-10B	9/15/06	48 U	0.29 U	0.26 U	**7.3**	0.83 U	**5.1**	3.5	
MW-10B	12/22/06	48 U	0.29 U	0.26 U	5.8	0.83 U	3.7	3.4	Tert-butyl alcohol (9.3J)
MW-10B	3/21/07	48 U	0.29 U	0.26 U	3.7	0.83 U	3.0	2.4	
MW-10B	6/20/07	48 U	0.24 U	0.29 U	3.4	0.38 U	4.8	3.4	
MW-10B	9/19/07	48 U	0.29 U	0.29 U	2.5	0.38 U	**5.4**	3.6	
MW-10B	1/3/08	48 U	0.24 U	0.29 U	1.5	0.38 U	**5.3**	3.3	
MW-10B	9/5/08	50 U	1.0 U	1.0 U	1.9	1.0 U	**6.2**	4.5	
MW-10B	3/4/09	48 U	0.33 U	0.40 U	2.3	0.40 U	3.4	3.4	
MW-10B	12/22/09	48 U	0.33 U	0.40 U	3.0	0.40 U	**5.3**	3.9	
MW-10B	6/29/10	48 U	0.33 U	0.31 U	2.6	0.40 U	**5.7**	4.3	
MW-10B	3/15/11	500 U	1.0 U	1.0 U	**11**	1.0 U	**6.1**	3.5	
MW-10B	9/14/11	500 U	1.0 U	1.0 U	**12**	1.0 U	**7.0**	3.9	
MW-10B	3/21/12	500 U	1.0 U	1.0 U	**12**	1.0 U	1.0 U	2.1	
MW-10B	9/6/12	500 U	1.0 U	1.0 U	**6.6**	1.0 U	**5.8**	3.5	
MW-10B	3/6/13	500 U	1.0 U	1.0 U	5.3	1.0 U	4.7	3.5	
MW-10B	11/11/13	---	1.0 U	1.0 U	**9.5**	1.0 U	1.0 U	1.1	
MW-10B (DUP-1)	11/11/13	---	1.0 U	1.0 U	**9.2**	1.0 U	1.0 U	1.1	
MW-10B	3/11/14	---	1.0 U	1.0 U	**8.6**	1.0 U	1.0 U	1.1	
MW-10B (DUP-1)	3/11/14	---	1.0 U	1.0 U	**12**	1.0 U	1.0 U	1.6	
MW-10B	3/3/15	---	1.0 U	1.0 U	**7.1**	1.0 U	1.0 U	1.1	
MW-10B (DUP-1)	3/3/15	---	1.0 U	1.0 U	**7.5**	1.0 U	1.0 U	1.0 U	
MW-10B	3/15/16	---	1.0 U	1.0 U	**8.6**	1.0 U	1.0 U	1.0 U	
DUP-1	3/15/16	---	1.0 U	1.0 U	**8.6**	1.0 U	1.0 U	1.0 U	
MW-11	9/20/00	110	---	2.0 U	**21**	2.0 U	**100**	**130**	
MW-11	12/5/00	100 U	---	1.0 U	1.8	1.0 U	**17**	**12**	
MW-11	3/27/01	50 U	---	0.5 U	0.5 U	0.5 U	**33**	**9.2**	
MW-11	5/17/01	50 U	1.4	0.5 U	2.0	0.5 U	**28**	4.9	
MW-11	8/21/01	50 U	0.5 U	0.5 U	**59**	0.5 U	**43**	**69**	
MW-11	12/18/01	200	2.5 U	2.5 U	**560**	2.5 U	**130**	**460**	
MW-11	2/28/02	50 U	1.7	0.5 U	**61**	0.78	**25**	**21**	
MW-11	6/4/02	50 U	0.92	0.5 U	**71**	0.77	**18**	**8.1**	
MW-11	8/13/02	50 U	1.7	0.5 U	**15**	0.5	**10**	2.4	
MW-11	11/12/02	50 U	2.0	0.5 U	**42**	0.59	**13**	3.5	
MW-11	3/10/03	50 U	1.8	0.5 U	**32**	0.80	**34**	**20**	
MW-11	5/19/03	50 U	2.1	0.5 U	5.0	0.5 U	**13**	**15**	
MW-11	8/26/03	90	3.9	1.0 U	**87**	1.0 U	**31**	**200**	
MW-11	11/18/03	50 U		1.0 U	**100**	1.7	**24**	**43**	
MW-11	3/23/04	50 U	1.5	0.5 U	4.0	0.5 U	**15**	2.6	
MW-11	5/18/04	52	2.3	0.5 U	**41**	0.5 U	**22**	**110**	
MW-11	8/17/04	160	2.3	2.0 U	**110**	2.5	**20**	**280**	
MW-11	11/15/04	--		--	--	--	--	--	
MW-11	3/15/05	--	--	--	--	--	--	--	
MW-11	6/13/05	--	--	--	--	--	--	--	
MW-11	8/24/05	--	--	--	--	--	--	--	
MW-11	12/22/05	--	--	--	--	--	--	--	

Table 5
Groundwater Analytical Results
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Monitoring Well	Date Sampled	EPA 8015M	EPA 8260B						
		TEPH (TPHd) (µg/L)	**CF (µg/L)**	**1,1-DCE (µg/L)**	**c-DCE (µg/L)**	**t-DCE (µg/L)**	**PCE (µg/L)**	**TCE (µg/L)**	**OTHER VOCs**
Cal EPA MCLs (µg/L)		210[1]	80[4]	6	6	10	5	5	See values at end of table
MW-11	5/31/06	--	--	--	--	--	--	--	
MW-11	9/15/06	--	--	--	--	--	--	--	
MW-11	9/5/08	50 U	1.0 U	1.0 U	**28**	1.2	**11**	**14**	
MW-11	3/4/09	100.0	0.91 J	0.40 U	**200**	6.4	**9.4**	**51**	
MW-11	12/22/09	48 U	0.96 J	0.40 U	**100**	4.4	**20**	**33**	
MW-11	6/30/10	48 U	0.95 J	0.31 U	**22**	0.82 J	**11**	**14**	
MW-11	3/17/11	500 U	1.0 U	1.0 U	**110**	5.1	**37**	**85**	
MW-11	9/15/11	500 U	1.0 U	1.0 U	4.8	1.0 U	**13**	**13**	
MW-11	3/23/12	500 U	1.0 U	1.0 U	**14**	1.0 U	**9.8**	2.1	
MW-11	9/7/12	500 U	1.0 U	1.0 U	**59**	5.4	**11**	**7.2**	
MW-11	3/7/13	500 U	1.0 U	1.0 U	**54**	2.7	**16**	**6.8**	
MW-11	11/12/13	---	1.0 U	1.0 U	**16**	1.2	**7.5**	1.6	
MW-11	3/12/14	---	1.0 U	1.0 U	1.0 U	1.0 U	**8.3**	1.0 U	
MW-11	9/11/14	---	1.0 U	1.0 U	1.0 U	1.0 U	**5.7**	1.0 U	
MW-11	3/2/15	---	1.0 U	1.0 U	1.0 U	1.0 U	**7.3**	1.0 U	
MW-11	10/19/15	---	1.0 U	1.0 U	1.0 U	1.0 U	**5.7**	1.0 U	
MW-11	3/16/16	---	1.0 U	1.0 U	1.0 U	1.0 U	**9.3**	1.0 U	
MW-12	9/20/00	100 U	---	2.0 U	**24**	2.0 U	**96**	**27**	
MW-12	12/4/00	100 U	---	2.0 U	**19**	2.0 U	**81**	**19**	
MW-12	3/27/01	160	---	0.5 U	**110**	3.6	**120**	**66**	
MW-12	5/17/01	190	1.0 U	0.5 U	**160**	3.6	**140**	**78**	
MW-12	8/21/01	50 U	0.5 U	0.5 U	**140**	0.5 U	**140**	**70**	
MW-12	12/18/01	54	1.9	0.5 U	**86**	1.7	**100**	**55**	
MW-12	2/28/02	50	1.5	0.5 U	**51**	1.0	**70**	**39**	
MW-12	6/4/02	50 U	0.56	0.5 U	**37**	0.89	**45**	**30**	
MW-12	8/13/02	54	1.6	0.5 U	**40**	1.0	**50**	**32**	
MW-12	11/12/02	50 U	1.9	0.5 U	**33**	1.0	**48**	**30**	
MW-12	3/10/03	120	1.4	1.0 U	**120**	1.0 U	**17**	**160**	
MW-12	5/19/03	130	1.5	0.5 U	**140**	2.4	**49**	**56**	
MW-12	8/26/03	80	2.0	0.5 U	**110**	1.6	**73**	**110**	
MW-12	11/18/03	62	2.0	0.5 U	**98**	1.8	**63**	**97**	
MW-12	3/23/04	55	1.3	0.5 U	**54**	1.4	**28**	**28**	
MW-12	5/18/04	130	2.9	0.5 U	**130**	2.4	**110**	**110**	
MW-12	8/17/04	65	1.7	1.0 U	**57**	1.3	**35**	**55**	
MW-12	11/16/04	90	2.2	1.0 U	**56**	2.0	**42**	**53**	
MW-12	3/15/05	**450**	5.0 U	10 U	**1600**	**20**	**610**	**1900**	
MW-12	6/13/05	**770**	5.0 U	10 U	**810**	**50**	**160**	**320**	
MW-12	8/25/05	**210**	5.0 U	10 U	**380**	9.1	**150**	**200**	
MW-12	12/21/05	120	1.2	0.31 U	**140**	9.9	**82**	**100**	
MW-12	5/31/06	110	1.8B	0.31 U	**250**	5.5	**59**	**130**	Methylene chloride (**13**B)
MW-12	9/15/06	--	--	--	--	--	--	--	
MW-12	12/21/06	--	--	--	--	--	--	--	
MW-12	9/5/08	59	1.0 U	1.0 U	**96**	4.0	**26**	**63**	
MW-12	3/4/09	48 U	0.81 J	0.40 U	**58**	2.4	**11**	**24**	
MW-12	12/22/09	48 U	0.86 J	0.40 U	**58**	4.6	**19**	**31**	
MW-12	6/29/10	55	0.85	0.31 U	**580**	**21**	**36**	**120**	
MW-12	3/15/11	500 U	1.0 U	1.0 U	**390**	5.2	**23**	**61**	Vinyl Chloride (**0.59**)
MW-12	9/15/11	500 U	1.0 U	1.0 U	**190**	7.7	**17**	**52**	
MW-12	3/22/12	500 U	1.0 U	1.0 U	**150**	**11**	**7.6**	**13**	
MW-12	9/6/12	500 U	1.0 U	1.0 U	**77**	1.8	**9.1**	**15**	
MW-12	3/6/13	500 U	1.0 U	1.0 U	**26**	1.0 U	**5.1**	**8.2**	
MW-12	11/12/13	---	1.0 U	1.0 U	**53**	3.0	**7.5**	**15**	
MW-12	3/12/14	---	1.0 U	1.0 U	**39**	4.8	**6.9**	**14**	
MW-12	9/11/14	---	1.0 U	1.0 U	**21**	1.0 U	4.6	**11**	

Table 5
Groundwater Analytical Results
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Monitoring Well	Date Sampled	EPA 8015M	EPA 8260B						
		TEPH (TPHd) (µg/L)	CF (µg/L)	1,1-DCE (µg/L)	c-DCE (µg/L)	t-DCE (µg/L)	PCE (µg/L)	TCE (µg/L)	OTHER VOCs
Cal EPA MCLs (µg/L)		210[1]	80[4]	6	6	10	5	5	See values at end of table
MW-12	3/3/15	---	1.0 U	1.0 U	5.1	1.0 U	**6.6**	**8.4**	
MW-12	10/20/15	---	1.0 U	1.0 U	2.7	1.0 U	4.7	**6.1**	
MW-12	3/16/16	---	1.0 U	1.0 U	2.0	1.0 U	**7.8**	4.2	
MW-13A	9/19/00	100 U	---	2.0 U	**110**	7.9	**45**	**42**	
MW-13A	12/5/00	100 U	---	1.0 U	**93**	6.8	**45**	**39**	
MW-13A	3/26/01	110	---	2.5 U	**440**	**16**	**91**	**100**	
MW-13A	5/16/01	120	2.5 U	2.5 U	**420**	**17**	**100**	**130**	
MW-13A	8/20/01	50 U	1.3 U	1.3 U	**180**	4.0	**47**	**49**	
MW-13A	12/17/01	50 U	2.5 U	2.5 U	**100**	6.3	**50**	**45**	
MW-13A	2/27/02	50 U	0.79	0.5 U	**88**	4.8	**47**	**41**	
MW-13A	6/3/02	50 U	0.5 U	0.5 U	**98**	4.0	**40**	**38**	
MW-13A	8/12/02	76	0.97	0.5 U	**110**	4.3	**41**	**36**	
MW-13A	11/11/02	50 U	1.0	0.5 U	**69**	3.2	**31**	**32**	
MW-13A	3/10/03	50 U	0.8	0.5 U	**110**	3.7	**40**	**26**	
MW-13A	5/19/03	---	---	---	---	---	---	---	
MW-13A	8/25/03	---	---	---	---	---	---	---	
MW-13A	11/17/03	50 U	0.96	0.5 U	**100**	4.5	**34**	**30**	
MW-13A	3/22/04	64	0.67	0.5 U	**120**	4.3	**40**	**24**	
MW-13A	5/17/04	84	0.92	0.5 U	**150**	5.8	**39**	**32**	
MW-13A	8/16/04	67	0.99	1.0 U	**110**	4.2	**31**	**27**	
MW-13A	11/15/04	80	0.88	1.0 U	**100**	4.0	**31**	**23**	
MW-13A	3/16/05	120	2.5 U	5.0 U	**500**	8.7	**49**	**54**	
MW-13A	6/14/05	98	0.5 U	1.0 U	**140**	6.2	**30**	**29**	
MW-13A	8/25/05	61	0.50	1.0 U	**73**	3.5	**28**	**20**	
MW-13A	12/21/05	58	0.63J	0.31 U	**55**	2.5	**30**	**18**	
MW-13A	6/5/06	100	0.64J,B	0.31 U	**200**	9.2	**52**	**39**	Acetone (9.2J,B) Methylene chloride (4.6J,B)
MW-13A	9/14/06	48 U	0.77J	0.26 U	**66**	6.9	**24**	**16**	Acetone (9.2J,B)
MW-13A	12/21/06	48 U	0.63J	0.26 U	**35**	1.4	**22**	**11**	
MW-13A	3/20/07	48 U	0.67 J	0.26 U	**37**	1.6	**31**	**15**	
MW-13A	6/19/07	48 U	0.48J	0.29 U	**41**	1.6	**22**	**12**	Methylene Chloride (4.5J)
MW-13A	9/18/07	56	0.62 J	0.29 U	**33**	1.5	**20**	**9.7**	Methylene Chloride (**6.9** J)
MW-13A	1/2/08	48 U	0.49 J	0.29 U	**28**	0.99 J	**16**	**6.9**	
MW-13A	9/4/08	50 U	1.0 U	1.0 U	**53**	2.1	**21**	**9.4**	
MW-13A	3/5/09	48 U	0.44 J	0.40 U	**26**	2.5	**15**	**5.8**	
MW-13A	12/21/09	48 U	0.33 U	0.40 U	**31**	1.2	**22**	**5.3**	
MW-13A	6/29/10	48 U	0.39	0.31 U	**75**	2.4	**28**	**8.2**	
MW-13A	3/14/11	500 U	1.0 U	1.0 U	**100**	3.4	**35**	**15**	
Dup-1 (MW-13A)	3/14/11	500 U	1.0 U	1.0 U	**99**	3.7	**34**	**16**	
MW-13A	9/14/11	500 U	1.0 U	1.0 U	**25**	1.1	**19**	**5.3**	
Dup-1 (MW-13A)	9/14/11	500 U	1.0 U	1.0 U	**24**	1.3	**18**	4.9	
MW-13A	3/22/12	500 U	1.0 U	1.0 U	**14**	1.0 U	**24**	4.4	
Dup-1 (MW-13A)	3/22/12	500 U	1.0 U	1.0 U	**14**	1.1	**23**	4.4	
MW-13A	9/6/12	500 U	1.0 U	1.0 U	**9.7**	1.0 U	**20**	3.1	
Dup-1 (MW-13A)	9/6/12	500 U	1.0 U	1.0 U	**10**	1.0 U	**23**	3.5	
MW-13A	3/7/13	500 U	1.0 U	1.0 U	**7.2**	1.0 U	**15**	2.1	
MW-13A	11/12/13	---	1.0 U	1.0 U	**13**	1.0 U	**15**	2.1	
MW-13A	3/12/14	---	1.0 U	1.0 U	**9.0**	1.0 U	**9.6**	1.4	
MW-13A	9/12/14	---	1.0 U	1.0 U	4.9	1.0 U	4.0	1.0 U	
MW-13A	3/3/15	---	1.0 U	1.0 U	1.2	1.0 U	2.9	1.0 U	
MW-13A	10/20/15	---	1.0 U	1.0 U	1.0 U	1.0 U	2.2	1.0 U	
MW-13A	3/16/16	---	1.0 U	1.0 U	1.0 U	1.0 U	2.5	1.0 U	
MW-13B	9/19/00	100 U	---	1.0 U	1.0 U	1.0 U	**49**	1.1	

Table 5
Groundwater Analytical Results
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Monitoring Well	Date Sampled	EPA 8015M	EPA 8260B						
		TEPH (TPHd) (µg/L)	CF (µg/L)	1,1-DCE (µg/L)	c-DCE (µg/L)	t-DCE (µg/L)	PCE (µg/L)	TCE (µg/L)	OTHER VOCs
Cal EPA MCLs (µg/L)		210[1]	80[4]	6	6	10	5	5	See values at end of table
MW-13B	12/5/00	100 U	---	2.5 U	**30**	2.5 U	**120**	**14.0**	
MW-13B	3/26/01	66	---	0.5 U	**48**	3.6	**130**	**19**	
MW-13B	5/16/01	55	0.5 U	0.5 U	**54**	2.5	**120**	**20**	
MW-13B	8/20/01	50 U	0.5 U	0.5 U	**66**	2.2	**110**	**20**	
MW-13B	12/17/01	50 U	0.56	0.5 U	**50**	0.5 U	**110**	**20**	
MW-13B	2/27/02	50 U	0.5 U	0.5 U	**33**	0.67	**89**	**15**	
MW-13B	6/3/02	50 U	0.5 U	0.5 U	**32**	0.72	**87**	**16**	
MW-13B	8/12/02	54	0.55	0.5 U	**29**	0.79	**91**	**16**	
MW-13B	11/11/02	50 U	0.61	0.5 U	**14**	0.67	**70**	**15**	
MW-13B	3/10/03	50 U	0.5 U	0.5 U	1.3	0.5 U	3.7	1.1	
MW-13B	5/19/03	---	---	---	---	---	---	---	
MW-13B	8/25/03	---	---	---	---	---	---	---	
MW-13B	11/17/03	50 U	0.5 U	0.5 U	1.3	0.5 U	**8.0**	1.7	
MW-13B	3/22/04	50 U	0.5 U	0.5 U	2.3	0.5 U	**8.8**	1.4	
MW-13B	5/17/04	50 U	0.5 U	0.5 U	2.4	0.5 U	**8.2**	1.5	
MW-13B	8/16/04	50 U	0.5 U	1.0 U	2.3	0.5 U	**6.6**	1.5	
MW-13B	11/15/04	50 U	0.5 U	1.0 U	3.3	0.5 U	**8.0**	1.6	
MW-13B	3/16/05	50 U	0.5 U	1.0 U	**6.2**	0.5 U	**9.4**	3.4	
MW-13B	6/13/05	50 U	0.5 U	1.0 U	**6.7**	0.60	**6.4**	2.6	
MW-13B	8/25/05	50 U	0.5 U	1.0 U	**8.7**	0.5 U	**8.3**	2.7	
MW-13B	12/21/05	44 U	0.26J	0.31 U	**18**	0.51J	**11**	4.8	
MW-13B	6/5/06	48 U	0.22 U	0.31 U	5.4	0.29 U	**6.4**	2.2	Methylene chloride (4.6J,B)
MW-13B	9/14/06	48 U	0.36J	0.26 U	5.8	0.83 U	**5.0**	1.9	Acetone (8.2J,B)
MW-13B	12/21/06	48 U	0.29 U	0.26 U	**11**	0.83 U	**6.9**	2.9	Acetone (8.5J)
MW-13B	3/20/07	48 U	0.29 U	0.26 U	**14**	0.83 U	**7.0**	3.7	Carbon Disulfide (3.8 J)
MW-13B	6/19/07	48 U	0.24 U	0.29 U	**11**	0.38 U	4.8	2.9	
MW-13B	9/19/07	48 U	0.24 U	0.29 U	**12**	0.38 U	**6.0**	3.7	Methylene Chloride (**6.3** J)
MW-13B	1/2/08	48 U	0.35 J	0.29 U	**7.5**	0.38 U	**5.3**	2.9	
MW-13B	9/4/08	50 U	1.0 U	1.0 U	2.8	1.0 U	**9.5**	2.8	
DUP-1	9/4/08	50 U	1.0 U	1.0 U	3.1	1.0 U	**8.4**	3.3	
MW-13B	3/5/09	48 U	0.33 U	0.40 U	0.95 J	0.40 U	**5.0**	1.1	
MW-13B	12/21/09	48 U	0.33 U	0.40 U	1.2	0.40 U	**14**	1.5	
MW-13B	6/29/10	48 U	0.33 U	0.31 U	0.63	0.40 U	**12**	1.2	
MW-13B	3/15/11	500 U	1.1	1.0 U	5.8	1.0 U	**19**	2.4	
MW-13B	9/14/11	500 U	1.2	1.0 U	5.7	1.0 U	**17**	2.3	
MW-13B	3/22/12	500 U	1.1	1.0 U	4.1	1.0 U	**20**	1.8	
MW-13B	9/6/12	500 U	1.0 U	1.0 U	1.0 U	1.0 U	4.2	1.0 U	
MW-13B	3/7/13	500 U	1.0 U	1.0 U	1.0 U	1.0 U	**6.3**	1.0 U	
MW-13B	11/12/13	---	1.0 U	1.0 U	1.1	1.0 U	**6.2**	1.0 U	
MW-13B	3/12/14	---	1.0 U	1.0 U	1.1	1.0 U	**8.6**	1.0 U	
MW-13B	9/11/14	---	1.0 U	1.0 U	4.3	1.0 U	4.8	1.0 U	
DUP-1	9/11/14	---	1.0 U	1.0 U	4.3	1.0 U	**5.3**	1.0 U	
MW-13B	3/3/15	---	1.0 U	1.0 U	1.8	1.0 U	**8.6**	1.0 U	
MW-13B	10/20/15	---	1.0 U	1.0 U	2.9	1.0 U	1.4	1.0 U	
DUP-1	10/20/15	---	1.0 U	1.0 U	3.0	1.0 U	1.5	1.0 U	
MW-13B	3/16/16	---	1.0 U	1.0 U	1.0 U	1.0 U	1.4	1.0 U	
DUP-2	3/15/16	---	1.0 U	1.0 U	1.0 U	1.0 U	1.4	1.0 U	
MW-14	11/11/02	50 U	0.60	0.5 U	**50**	2.0	**18**	**19**	
MW-14	3/10/03	---	---	---	---	---	---	---	
MW-14	5/19/03	---	---	---	---	---	---	---	
MW-14	8/25/03	---	---	---	---	---	---	---	
MW-14	11/17/03	---	---	---	---	---	---	---	
MW-14	3/22/04	---	---	---	---	---	---	---	

Table 5
Groundwater Analytical Results
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Monitoring Well	Date Sampled	EPA 8015M	EPA 8260B						
		TEPH (TPHd) (µg/L)	**CF (µg/L)**	**1,1-DCE (µg/L)**	**c-DCE (µg/L)**	**t-DCE (µg/L)**	**PCE (µg/L)**	**TCE (µg/L)**	**OTHER VOCs**
Cal EPA MCLs (µg/L)		210[1]	80[4]	6	6	10	5	5	See values at end of table
MW-14	5/17/04	---	---	---	---	---	---	---	
MW-14	8/16/04	63	0.64	1.0 U	**110**	4.7	**28**	**23**	
MW-14	11/15/04	58	0.58	1.0 U	**65**	3.1	**19**	**15**	
MW-14	3/15/05	58	1.0 U	2.0 U	**250**	5.2	**34**	**29**	
MW-14	6/13/05	100	1.0 U	2.0 U	**120**	**13**	**28**	**22**	Naphthalene (7.7) 1,2,4-Trichlorobenzene (1.3)
MW-14	8/25/05	56	0.5 U	1.0 U	**55**	3.1	**20**	**15**	
MW-14	12/21/05	46	0.55J	0.31 U	**42**	2.1	**25**	**16**	
MW-14	6/5/06	63	0.57J,B	0.31 U	**86**	6.1	**35**	**21**	Methylene chloride (4.7J,B)
MW-14	9/14/06	48 U	1.5	0.26 U	**91**	3.1	**28**	**21**	Acetone (10B)
MW-14	12/21/06	48 U	0.79J	0.26 U	**45**	3.1	**19**	**11**	Acetone (9.4J)
MW-14	3/20/07	48 U	0.61 J	0.26 U	**36**	2.3	**20**	**10**	Napthalene (0.42 J)
MW-14	6/19/07	48 U	0.48J	0.29 U	**41**	1.5	**21**	**13**	
MW-14	9/18/07	48 U	0.47 J	0.29 U	**36**	1.7	**15**	**8.8**	Methylene Chloride (**6.1** J)
DUP-1	9/18/07	---	0.53 J	0.29 U	**37**	1.8	**17**	**9.5**	Methylene Chloride (**5.7** J)
MW-14	1/2/08	48 U	0.54 J	0.29 U	**30**	1.0 J	**16**	**7.1**	
DUP-1	1/2/08	---	0.57 J	0.29 U	**30**	1.1	**15**	**6.7**	
MW-14	9/4/08	50 U	1.0 U	1.0 U	**71**	2.6	**18**	**11**	
MW-14	3/5/09	48 U	0.39 J	0.40 U	**20**	1.2	**12**	4.7	
MW-14	12/21/09	48 U	0.33 U	0.40 U	**38**	0.8 J	**23**	**6.3**	
MW-14	6/29/10	48 U	0.38	0.31 U	**62**	1.8	**22**	**8.3**	Tert-butyl alcohol (9.1)
MW-14	3/14/11	500 U	1.0 U	1.0 U	**41**	1.6	**24**	**6.9**	
MW-14	9/14/11	500 U	1.0 U	1.0 U	**27**	2.8	**18**	**5.8**	
MW-14	3/21/12	500 U	1.0 U	1.0 U	**11**	1.5	**19**	3.6	
MW-14	9/7/12	500 U	1.0 U	1.0 U	**9.5**	1.0 U	**18**	3.7	
MW-14	3/7/13	500 U	1.0 U	1.0 U	**5.7**	1.0 U	**14**	2.2	
DUP-2	3/7/13	500 U	1.0 U	1.0 U	**6.3**	1.0 U	**17**	2.6	
MW-14	11/12/13	---	1.0 U	1.0 U	**13**	1.0 U	**16**	2.7	
MW-14	3/12/14	---	1.0 U	1.0 U	**13**	1.0 U	**17**	2.7	
MW-14	9/12/14	---	1.0 U	1.0 U	**9.1**	1.0 U	**12**	1.9	
MW-14	3/3/15	---	1.0 U	1.0 U	3.4	1.0 U	**7.9**	1.0 U	
MW-14	10/20/15	---	1.0 U	1.0 U	1.6	1.0 U	**6.3**	1.0 U	
MW-14	3/16/16	---	1.0 U	1.0 U	1.4	1.0 U	**6.5**	1.0 U	
MW-15	11/11/02	87	2.5 U	2.5 U	**190**	4.8	**56**	**62**	
MW-15	3/10/03	58	1.0 U	1.0 U	**180**	2.9	**60**	**42**	
MW-15	5/19/03	63	1.0 U	1.0 U	**150**	2.4	**43**	**37**	
MW-15	8/25/03	72	1.2	1.0 U	**290**	3.4	**67**	**70**	
MW-15	11/17/03	80	1.0 U	1.0 U	**340**	5.0	**77**	**92**	
MW-15	3/22/04	100	1.0 U	1.0 U	**300**	5.2	**74**	**59**	
MW-15	5/17/04	130	2.5 U	2.5 U	**270**	4.9	**63**	**60**	
MW-15	8/16/04	110	1.0 U	2.0 U	**260**	4.2	**65**	**62**	
MW-15	11/15/04	130	1.0 U	2.0 U	**320**	4.1	**67**	**66**	
MW-15	3/16/05	86	1.2	2.0 U	**250**	3.1	**35**	**50**	
MW-15	6/14/05	**210**	2.5 U	5.0 U	**640**	**13**	**65**	**86**	Naphthalene (15)
MW-15	8/24/05	140	2.5 U	5.0 U	**510**	9.9	**61**	**63**	
MW-15	12/21/05	110	0.69J	0.61 U	**320**	6.6	**58**	**51**	
MW-15	6/5/06	130	0.77J,B	0.31 U	**240**	**21**	**55**	**43**	Methylene chloride (4.7J,B)
MW-15	9/14/06	48 U	0.73J	0.26 U	**240**	**21**	**35**	**36**	Acetone (7.3B)
MW-15	12/21/06	48 U	0.61J	0.5 U1	**160**	**12**	**27**	**23**	Acetone (17J)
MW-15	3/20/07	110	0.65 J	0.26 U	**240**	5.4	**59**	**39**	
MW-15	6/19/07	49	0.60J	0.5 U9	**180**	4.5	**34**	**29**	
MW-15 DUP-1	6/19/07	---	0.58J	0.29 U	**180**	4.1	**35**	**28**	
MW-15	9/18/07	83	0.59 J	0.29 U	**140**	3.0	**26**	**24**	Methylene Chloride (**6.2** J)
MW-15	1/2/08	69	0.61 J	0.29 U	**110**	2.1	**24**	**19**	

Table 5
Groundwater Analytical Results
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Monitoring Well	Date Sampled	EPA 8015M	EPA 8260B						
		TEPH (TPHd) (µg/L)	**CF (µg/L)**	**1,1-DCE (µg/L)**	**c-DCE (µg/L)**	**t-DCE (µg/L)**	**PCE (µg/L)**	**TCE (µg/L)**	**OTHER VOCs**
Cal EPA MCLs (µg/L)		210[1]	80[4]	6	6	10	5	5	See values at end of table
MW-15	9/4/08	50 U	1.0 U	1.0 U	**250**	3.5	**32**	**45**	
MW-15	3/5/09	48 U	0.49 J	0.40 U	**130**	2.7	**22**	**25**	
MW-15	12/21/09	50 J	0.52 J	0.40 U	**110**	6.5	**34**	**29**	
MW-15	6/29/10	48 U	0.53	0.31 U	**130**	1.8	**34**	**40**	
MW-15	3/14/11	500 U	1.0 U	1.0 U	**120**	1.7	**27**	**45**	
MW-15	9/14/11	500 U	1.0 U	1.0 U	**210**	9.3	**36**	**50**	
MW-15	3/21/12	500 U	1.0 U	1.0 U	**150**	8.5	**33**	**29**	
MW-15	9/6/12	500 U	1.0 U	1.0 U	**110**	4.4	**27**	**21**	
MW-15	3/7/13	500 U	1.0 U	1.0 U	**53**	1.1	**21**	**13**	
MW-15	11/12/13	---	1.0 U	1.0 U	**45**	1.1	**18**	**10**	
MW-15	3/12/14	---	1.0 U	1.0 U	**40**	1.0 U	**16**	**11**	
MW-15	9/12/14	---	1.0 U	1.0 U	**26**	1.0 U	**14**	**9.0**	
MW-15	3/3/15	---	1.0 U	1.0 U	**11**	1.0 U	**12**	**6.3**	
MW-15	10/20/15	---	1.0 U	1.0 U	4.4	1.0 U	**9.4**	3.7	
MW-15	3/16/16	---	1.0 U	1.0 U	3.4	1.0 U	**8.7**	2.7	
MW-16A	6/5/06	**1500**	0.46J,B	2.1	**3200**	**72**	**65**	**620**	sec-Butylbenzene (2.8) tert-Butylbenzene (1.4) Isopropylbenzene (0.43) Methylene chloride (4.6J,B) Vinyl chloride (**0.87**)
MW-16A	9/15/06	48 U	0.38J	0.26 U	**26**	0.84J	**13**	**31**	
MW-16A	12/28/06	**1100**	2.9 U	2.6 U	**1100**	**26**	**98**	**200**	Toluene (2.9J,B)
MW-16A	3/21/07	**930**	0.5 U9	0.58 J	**470**	9.7	**38**	**77**	Carbon Disulfide (5.5 J) Vinyl Chloride (**1.1**)
MW-16A	6/20/07	**870**	1.2 U	1.5 U	**1000**	**23**	**36**	**100**	
MW-16A	9/19/07	**1000**	1.2 U	1.5 U	**1100**	**22**	**38**	**220**	
MW-16A	1/3/08	**1100**	2.4 U	2.9 U	**1900**	**28**	**48**	**92**	
MW-16A	9/5/08	**910**	1.0 U	1.0 U	**2600**	**62**	**28**	**180**	Vinyl Chloride (**2.4**)
MW-16A	3/5/09	**360**	0.33 U	0.93 J	**1900**	**47**	**18**	**97**	Vinyl Chloride (**6.3**)
DUP-1	3/5/09	**360**	0.33 U	1.0	**2300**	**48**	**21**	**100**	Vinyl Chloride (**6.9**)
MW-16A	12/22/09	**240**	0.65 J	0.66 J	**1000**	**22**	**15**	**65**	Vinyl Chloride (**6.3**)
DUP-1	12/22/09	---	0.61 J	0.59 J	**950**	**23**	**15**	**70**	Vinyl Chloride (**6.3**)
MW-16A	6/30/10	330	3.3 U	3.1 U	**2500**	**41**	**88**	**470**	Vinyl Chloride (**50**)
DUP-1	6/30/10	---	3.3 U	3.1 U	**2300**	**60**	**93**	**440**	Vinyl Chloride (**43**)
MW-16A	3/15/11	500 U	1.0 U	1.3	**8800**	**120**	**73**	**330**	Vinyl Chloride (**64**)
Dup-2 (MW-16A)	3/15/11	500 U	5.0 U	5.0 U	**8900**	**120**	**68**	**340**	Vinyl Chloride (**88**)
MW-16A	9/15/11	500 U	1.0 U	1.0 U	**360**	**16**	**24**	**66**	Vinyl Chloride (1.4)
Dup-2 (MW-16A)	9/15/11	500 U	1.0 U	2.0 U	**380**	**38**	**26**	**64**	Vinyl Chloride (1.5)
MW-16A	3/22/12	500 U	2.0 U	2.0 U	**2500**	**69**	**35**	**93**	Vinyl Chloride (**51**)
Dup-2 (MW-16A)	3/22/12	500 U	2.0 U	2.0 U	**2300**	**71**	**28**	**79**	Vinyl Chloride (**48**)
MW-16A	9/6/12	500 U	20 U	20 U	**1600**	**50**	**26**	**120**	Vinyl Chloride (**110**)
Dup-2 (MW-16A)	9/6/12	500 U	10 U	10 U	**2000**	**54**	**24**	**120**	Vinyl Chloride (**110**)
MW-16A	3/7/13	500 U	10 U	10 U	**970**	**28**	**15**	**31**	Vinyl Chloride (**98**)
MW-16A	11/12/13	---	10 U	10 U	**460**	**13**	**9.7**	**27**	Vinyl Chloride (4.8)
MW-16A	3/12/14	---	1.0 U	1.0 U	**15**	2.3	1.2	1.0	
MW-16A	3/2/15	---	1.0 U	1.0 U	**16**	1.0 U	**12**	**12**	
MW-16A	3/16/16	---	1.0 U	1.0 U	**9.5**	1.0 U	**12**	4.3	
MW-16B	6/5/06	48 U	1.0J,B	0.31 U	4	0.31J	**19**	**7**	Acetone (9.1J) Bromoform (3.1) 2-Butanone (5.7J) Dibromochloromethane (0.86J) Methylene chloride (5.4J,B)

Table 5
Groundwater Analytical Results
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Monitoring Well	Date Sampled	EPA 8015M	EPA 8260B						
		TEPH (TPHd) (µg/L)	**CF (µg/L)**	**1,1-DCE (µg/L)**	**c-DCE (µg/L)**	**t-DCE (µg/L)**	**PCE (µg/L)**	**TCE (µg/L)**	**OTHER VOCs**
Cal EPA MCLs (µg/L)		210[1]	80[4]	6	6	10	5	5	See values at end of table
MW-16B	9/15/06	**1100**	0.85J	1.7	**2500**	**64**	**120**	**400**	sec-Butylbenzene (1.5) tert-Butylbenzene (1.0J) Isopropylbenzene (0.24J) Vinyl chloride (**0.81**)
MW-16B	12/28/06	48 U	0.75 J	2.6 U	4.6	0.83 U	**7.9**	4.2	Acetone (8.7J) Ethanol (72J) Toluene (0.25J,B)
MW-16B	3/21/07	48 U	0.66 J	0.26 U	3.0	0.83 U	4.8	2.6	
MW-16B	6/20/07	48 U	0.73J	0.29 U	1.5	0.38 U	**5.4**	2.1	
MW-16B	9/19/07	48 U	0.65 J	0.29 U	2.7	0.38 U	**9.0**	2.7	
MW-16B	1/3/08	48 U	0.39 J	0.29 U	1.2	0.38 U	**8.1**	1.9	
MW-16B	9/5/08	50 U	1.0 U	1.0 U	2.5	1.0 U	**6.9**	2.3	
MW-16B	3/5/09	48 U	0.48 J	0.40 U	5.7	0.43 J	3.3	3.8	
MW-16B	12/22/09	48 U	0.45 J	0.40 U	**23**	1.5	**7.4**	**8.1**	
MW-16B	6/30/10	48 U	0.93 J	0.31 U	4.6	0.40 U	**6.5**	2.4	
MW-16B	3/17/11	500 U	1.0 U	1.0 U	**24**	1.0	**9.2**	**9.3**	Toluene (4.9)
MW-16B	9/15/11	500 U	1.0 U	1.0 U	**1.0 U**	1.0 U	**10.0**	1.0	
MW-16B	3/22/12	500 U	1.0 U	1.0 U	1.0 U	1.0 U	4.2	1.0 U	
MW-16B	9/7/12	500 U	1.0 U	1.0 U	**33**	2.4	**6.5**	**9.7**	
MW-16B	3/13/13	500 U	1.0 U	1.0 U	**34**	1.4	**6.4**	**8.1**	
MW-16B	11/12/13	---	1.0 U	1.0 U	**55**	2.7	**6.1**	**9.8**	
MW-16B	3/12/14	---	1.0 U	1.0 U	**35**	2.1	4.9	**7.9**	
MW-16B	9/11/14	---	1.0 U	1.0 U	**15**	1.1	**5.1**	**5.8**	
MW-16B	3/2/15	---	1.0 U	1.0 U	3.6	1.0 U	3.3	2.6	
MW-16B	10/19/15	---	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2-Butanone (13)
MW-16B	3/15/16	---	1.0 U	1.0 U	1.0 U	1.0 U	2.5	1.5	
MW-16C	6/5/06	50	0.22 U	0.31 U	**41**	1.4	**26**	**54**	Acetone (8.5J,B) Bromoform (1.4) Dibromochloromethane (0.74J) Methylene chloride (5.9J)
MW-16C	9/15/06	48 U	1.0	0.26 U	5.1	0.83 U	**18**	**5.9**	
MW-16C	12/28/06	48 U	0.29 U	0.26 U	**11**	0.83 U	**6.6**	**16**	Ethanol (93J)
MW-16C	3/21/07	48 U	0.29 U	0.26 U	**11**	0.83 U	**6.1**	**17**	
MW-16C	6/20/07	48 U	0.24 U	0.29 U	**9.9**	0.38 U	**7.7**	**17**	
MW-16C	9/19/07	48 U	0.24 U	0.29 U	**6.8**	0.38 U	**9.0**	**9.0**	
MW-16C	1/3/08	48 U	0.24 U	0.29 U	**7.9**	0.38 U	**11**	**13**	
MW-16C	9/5/08	50 U	1.0 U	1.0 U	**8.9**	1.0 U	**7.9**	**12**	
MW-16C	3/5/09	48 U	0.33 U	0.40 U	2.1	0.40 U	2.5	5.9	
MW-16C	12/22/09	48 U	0.33 U	0.40 U	1.6	0.40 U	2.4	2.8	
MW-16C	6/30/10	48 U	0.33 U	0.31 U	1.0	0.40 U	1.8	2.3	
MW-16C	3/15/11	500 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	
MW-16C	9/15/11	500 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	
MW-16C	3/22/12	500 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	
MW-16C	9/7/12	540 U	1.0 U	1.0 U	**9.9**	1.1	1.2	1.4	
MW-16C	3/7/13	500 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	
MW-16C	11/12/13	---	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	
MW-16C	3/12/14	---	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	

Table 5
Groundwater Analytical Results
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Monitoring Well	Date Sampled	EPA 8015M	EPA 8260B						
		TEPH (TPHd) (µg/L)	**CF (µg/L)**	**1,1-DCE (µg/L)**	**c-DCE (µg/L)**	**t-DCE (µg/L)**	**PCE (µg/L)**	**TCE (µg/L)**	**OTHER VOCs**
Cal EPA MCLs (µg/L)		210[1]	80[4]	6	6	10	5	5	See values at end of table
MW-16C	3/2/15	---	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	
MW-16C	3/15/16	---	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	
K-1	7/21/98	138	---	10 U	**81**	**13**	**187**	**132**	1,1,2,2-PCA (**20**)
K-1	11/30/99	**260**	---	10 U	**118**	**16**	**55**	**71**	Methylene chloride (**29.4**)
K-1	3/15/00	100 U	---	12 U	**1200**	**88**	**110**	**310**	
K-1	6/29/00	100 U	---	25 U	**1800**	**180**	**96**	**290**	
K-1	9/20/00	**260**	---	5.0 U	**270**	**31**	**59**	**100**	
K-1	12/4/00	100 U	---	1.0 U	**78.0**	**10**	**24**	**42**	
K-1	3/26/01	**460**	---	25 U	**3400**	**280**	**93**	**440**	
K-1	5/17/01	**350**	25 U	25 U	**1400**	**180**	**65**	**250**	
K-1	8/21/01	200	1.3 U	1.3 U	**320**	**34**	**44**	**110**	
K-1	12/17/01	**240**	25 U	25 U	**270**	25 U	25 U	**69**	
K-1	2/28/02	190	2.5 U	2.5 U	**350**	**17**	**52**	**110**	
K-1	6/4/02	**330**	2.5 U	2.5 U	**280**	8.8	**28**	**60**	
K-1	8/13/02	**250**	2.5 U	2.5 U	**350**	6.4	**28**	**53**	
K-1	11/12/02	**350**	2.5 U	2.5 U	**250**	9.0	**13**	**52**	
K-1	3/11/03	170	2.5 U	2.5 U	**830**	**25**	**34**	**100**	
K-1	5/20/03	**440**	10 U	10 U	**2300**	**82**	**24**	**68**	
K-1	8/26/03	**350**	10 U	10 U	**1300**	**66**	**29**	**68**	
K-1	11/18/03	200	5.0 U	10 U	**760**	**40**	**33**	**68**	
K-1	3/23/04	**320**	5.0 U	5.0 U	**1200**	**50**	**12**	**39**	
K-1	5/18/04	**450**	5.0 U	5.0 U	**1800**	**100**	**24**	**55**	
K-1	8/17/04	200	1.0	2.0 U	**340**	**20**	**24**	**41**	
K-1	11/16/04	**290**	5.0 U	10 U	**900**	**40**	**20**	**36**	
K-1	3/16/05	72	1.3	1.0 U	**120**	5.0	**78**	**96**	
K-1	6/14/05	180	0.5 U	1.0 U	**190**	**11**	**14**	**30**	
K-1	8/25/05	180	0.5 U	1.0 U	**170**	8.1	**18**	**28**	
K-1	12/21/05	50 U	0.22 U	0.31 U	**28**	1.5	**7.6**	**11**	1,3,5-Trimethylbenzene (0.22J) o-Xylene (0.25J)
K-1	5/31/06	48 U	0.65J,B	0.31 U	3.5	0.29 U	4.6	4.0	Methylene chloride (**13B**) p/m-Xylene (0.45J) o-Xylene (0.31J) Toluene (0.40J)
K-1	9/15/06	**580**	0.47J	0.26 U	**87**	3.2	**17**	**20**	tert-Butylbenzene (0.44J) Vinyl chloride (**0.54**)
K-1	12/22/06	**310**	0.37J	0.26 U	**91**	3.3	**18**	**23**	Acetone (7.4J) tert-Butylbenzene (0.33J) Vinyl Chloride (**0.53**)
K-1	3/20/07	120	0.60 J	0.26 U	**71**	5.3	**31**	**36**	Vinyl Chloride (**2.3**)
K-1	6/20/07	79	0.56J	0.29 U	**51**	4.1	**14**	**17**	Acetone (15J)
K-1	9/19/07	93	0.45 J	0.29 U	**36**	1.7	**11**	**10**	Vinyl Chloride (**1.0**)
K-1	1/3/08	190	0.45 J	0.29 U	**36**	2.0	**8.8**	**8.9**	
K-1	9/5/08	80	1.0 U	1.0 U	**59**	3.7	**21**	**13**	Vinyl Chloride (**1.3**)
K-1	3/5/09	780	0.47 J	0.40 U	**61**	3.2	**6.6**	**9.1**	1,1,2,2-Tetrachloroethane (0.60 J) Vinyl Chloride (**1.6**)
K-1	12/21/09	48 U	0.51 J	0.40 U	**13**	0.54 J	4.9	1.7	
K-1	6/30/10	170	0.46 J	0.31 U	**170**	7.1	**27**	**14**	tert-Butylbenzene (0.37J) Vinyl Chloride (**2.7**)
K-1	3/17/11	500 U	1.0 U	1.0 U	**280**	7.8	4.8	4.4	Vinyl Chloride (**4.4**)
K-1	9/15/11	500 U	1.0 U	1.0 U	1.7	1.0 U	2.5	1.0 U	
K-1	3/23/12	---	1.0 U	1.0 U	**7.9**	1.0 U	**8.6**	1.9	Vinyl Chloride (**0.76**)

Table 5
Groundwater Analytical Results
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Monitoring Well	Date Sampled	EPA 8015M	EPA 8260B						
		TEPH (TPHd) (µg/L)	CF (µg/L)	1,1-DCE (µg/L)	c-DCE (µg/L)	t-DCE (µg/L)	PCE (µg/L)	TCE (µg/L)	OTHER VOCs
Cal EPA MCLs (µg/L)		210[1]	80[4]	6	6	10	5	5	See values at end of table
K-1	9/7/12	500 U	1.0 U	1.0 U	**14**	1.4	**6.7**	2.2	
K-1	3/6/13	500 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	
K-1	11/12/13	---	1.0 U	1.0 U	1.8	1.0 U	1.7	1.0 U	
K-1	3/11/14	---	1.0 U	1.0 U	1.3	1.0 U	1.0 U	1.0 U	
K-1	9/11/14	---	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	
K-1	3/2/15	---	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	
K-1	10/19/15	---	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	
K-1	3/15/16	---	1.0 U	1.0 U	1.0 U	1.0 U	1.1	1.0 U	
K-2	7/21/98	100 U	---	1.0 U	1.3	1.0 U	**9.9**	**5.2**	
K-2	11/30/99	100 U	---	2.0 U	**19**	3.91	**27.2**	**26.4**	
K-2	3/15/00	100 U	---	1.0 U	**32**	4.40	**24**	**30**	
K-2	6/29/00	100 U	---	1.0 U	**75**	**15**	**18**	**76**	
K-2	9/20/00	100 U	---	1.0 U	**13**	2.7	**17**	**18**	
K-2	12/4/00	100 U	---	1.0 U	**11**	1.6	**13**	**13**	
K-2	3/26/01	99	---	0.5 U	**11**	1.1	**8.3**	**9.2**	
K-2	5/17/01	50 U	0.7	0.5 U	**33**	7.2	**10**	**21**	
K-2	8/21/01	50 U	0.5 U	0.5 U	**140**	**45**	**10**	**110**	
K-2	12/17/01	50 U	0.82	0.5 U	**26**	3.7	**17**	**24**	
K-2	2/28/02	50 U	0.99	0.5 U	**22**	2.1	**18**	**23**	
K-2	6/4/02	50 U	0.5 U	0.5 U	**17**	1.5	**13**	**19**	
K-2	8/13/02	50 U	0.88	0.5 U	**21**	2.0	**14**	**18**	
K-2	11/12/02	50 U	1.2	0.5 U	**19**	2.3	**14**	**19**	
K-2	3/11/03	50 U	1.0	0.5 U	**30**	2.3	**15**	**20**	
K-2	5/20/03	50 U	1.0	0.5 U	**57**	3.6	**7.4**	**14**	
K-2	8/26/03	50 U	1.2	0.5 U	**36**	3.2	**9.9**	**13**	
K-2	11/18/03	50 U	1.1	0.5 U	**14**	1.3	0.5 U	**11**	
K-2	3/23/04	53	0.59	0.5 U	**88**	4.7	**13**	**22**	
K-2	5/18/04	61	0.73	0.5 U	**100**	5.1	**11**	**18**	
K-2	8/17/04	50 U	0.95	1.0 U	**11**	1.5	**12**	**11**	
K-2	11/16/04	50 U	1.5	1.0 U	**12**	1.7	**16**	**14**	
K-2	3/15/05	50 U	1.3	1.0 U	0.84	0.5 U	2.1	1.2	
K-2	6/13/05	50 U	0.69	1.0 U	**7.6**	1.1	3.6	4.1	
K-2 Dup	6/13/05	50 U	0.99	1.0 U	1.8	0.5 U	3.5	1.5	
K-2	12/21/05	50 U	0.22 U	0.31 U	3.0	0.29 U	3.4	2.8	1,3,5-Trimethylbenzene (0.36J) p/m-Xylene (0.63J) o-Xylene (0.39J)
K-2	5/31/06	48 U	0.66J,B	0.31 U	**94**	2.4	**9.5**	**23**	1,2,4-Trimethlbenzene (0.34J)
K-2	9/15/06	48 U	0.78J	0.26 U	**9.5**	0.83 U	**9.3**	4.7	
K-2	12/22/06	48 U	0.63J	0.26 U	**9.0**	0.97J	**14**	**13**	Acetone (7.5J)
K-2	3/20/07	48 U	0.66 J	0.26 U	3.0	0.83 U	**11**	**6.6**	
K-2	6/19/07	48 U	0.62J	0.29 U	4.6	0.51J	**7.9**	**6.3**	
K-2	9/19/07	48 U	0.24 U	0.29 U	2.9	0.38 U	**7.1**	4.6	
K-2	1/3/08	48 U	0.44 J	0.29 U	3.5	0.38 U	**9.5**	**5.8**	
K-3	7/21/98	**550**	---	20 U	**325**	**32**	**375**	**364**	1,1,2,2-PCA (**35**)
K-3	11/30/99	---	---	---	---	---	---	---	
K-3	3/15/00	100 U	---	25 U	**1400**	**160**	**62**	**160**	
K-3 [3]	6/29/00	100 U	---	50 U	**3300**	**330**	50 U	50 U	
K-3	9/20/00	**6000**	---	12 U	**1000**	**110**	**15**	**66**	
K-3	12/4/00	100 U	---	25 U	**760**	**140**	25 U	**28**	

Table 5
Groundwater Analytical Results
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Monitoring Well	Date Sampled	EPA 8015M	EPA 8260B						
		TEPH (TPHd) (µg/L)	**CF (µg/L)**	**1,1-DCE (µg/L)**	**c-DCE (µg/L)**	**t-DCE (µg/L)**	**PCE (µg/L)**	**TCE (µg/L)**	**OTHER VOCs**
Cal EPA MCLs (µg/L)		210[1]	80[4]	6	6	10	5	5	See values at end of table
K-3	3/26/01	---	---	---	---	---	---	---	
K-3	5/17/01	**730**	10 U	10 U	**2000**	**140**	**43**	**77**	
K-3	8/21/01	**1400**	25 U	25 U	**960**	25 U	25 U	25 U	
K-3	12/18/01	**1500**	10 U	10 U	**480**	**34**	**28**	**66**	
K-3	2/28/02	**5100**	5.0 U	5.0 U	**630**	**28**	**99**	**27**	Vinyl Chloride (**21**)
K-3	6/4/02	---	---	---	---	---	---	---	
K-3	8/13/02	---	---	---	---	---	---	---	
K-3	11/12/02	**58000**	10 U	10 U	**160**	**14**	10 U	**100**	
K-3	3/11/03	**830**	2.5 U	2.5 U	**500**	**18**	**36**	**84**	Vinyl Chloride (**32**)
K-3	5/20/03	**690**	1.0 U	1.0 U	**240**	6	**8**	**15**	
K-3	8/26/03	**---**	---	---	**---**	**---**	**---**	**---**	
K-3	11/18/03	**430**	5.0 U	5.0 U	**390**	**14**	**54**	**90**	
K-3	3/23/04	**570**	2.5 U	2.5 U	**470**	**19**	**60**	**83**	Vinyl Chloride (**53**)
K-3	5/18/04	**580**	1.3	1.0 U	**370**	**17**	**62**	**85**	Vinyl Chloride (**26**)
K-3	8/17/04	**1300**	1.2	1.0 U	**190**	**11**	**64**	**92**	Vinyl Chloride (**14**)
K-3	11/16/04	**450**	1.4	2.0 U	**180**	**14**	**71**	**120**	Vinyl Chloride (**24**)
K-3	3/16/05	**420**	2.5 U	5.0 U	**370**	**17**	**22**	**54**	
K-3	6/14/05	**900**	2.5 U	5.0 U	**160**	**12**	**22**	**71**	Vinyl Chloride (**9.1**)
K-3	8/25/05	**860**	2.5 U	5.0 U	**140**	7.8	**61**	**78**	Vinyl Chloride (**17**)
K-3	12/22/05	---	---	---	---	---	---	---	(Obstructed)
K-3	5/31/06	---	---	---	---	---	---	---	(Obstructed)
K-3	9/15/06	---	---	---	---	---	---	---	(Obstructed)
K-3	12/22/06	---	---	---	---	---	---	---	(Obstructed)

ABBREVIATIONS / LEGEND:

B: Potential bias error, analyte detected in quality control blank
EPA: Environmental Protection Agency
J: Estimated value
µg/L: Micrograms per liter
MCL: California EPA Maximum Contaminant Level for drinking water August 2015
---: Not analyzed, not available, well lost, destroyed, or abandoned
U: Non-detect at or above method detection limit
VOCs: Volatile organic compounds
BOLD Indicates concentrations at or above listed screening levels
[1]: A Compilation of Water Quality Goals (August 2003 and updates), CalEPA RWQCB - Central Valley
[2]: California Office of Environmental Health Hazard Assessment Public Health Goal
[3]: Well K-3 not purged on 6/29/00 due to low walter level.
[4]: Chloroform, 2013 Tier 1 ESL = 80 ug/L

CF Chloroform
1,1-DCE: 1,1-dichloroethene
c-DCE: cis-1,2-dichloroethene
t-DCE: trans-1,2-dichloroethene
MTBE: Methyl tertiary butyl ether
1,1,1,2-PCA: 1,1,1,2-tetrachloroethane
1,1,2,2-PCA: 1,1,2,2-tetrachloroethane
PCE: Tetrachloroethene
TCE: Trichloroethene
TEPH: Total extractable petroleum hydrocarbons expressed as diesel

Screening Levels for Other VOCs (µg/L)

Methylene chloride = 5 ug/L (MCL)
Vinyl Chloride = 0.5 ug/L (MCL)
1,2-Dichlorobenzene = 600 ug/L (MCL)
1,2,4-Trichlorobenzene = 5 ug/L (MCL)
1,1,1,2-tetrachloroethane = 1.0 ug/L (MCL)

Table 6
Historical Natural Attenuation Parameters
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Well ID	Date	Daughter to Parent Ratio	Nitrate[1] (mg/L)	Nitrite[2] (mg/L)	Sulfate (mg/L)	Ferrous Iron (mg/L)	Methane (µg/L)	ORP[3] (mV)	DO[3] (mg/L)
MW-2	12/21/05	0.56	12	0.015 U	290	0.10 U	1.42	157	4.90
MW-2	05/31/06	NA	---	---	---	---	---	104	1.37
MW-2	09/14/06	0.86	11	0.015 U	290	0.10 U	0.00784 U	139	3.95
MW-2	12/22/06	0.48	---	---	---	---	---	104	6.64
MW-2	03/20/07	0.25	---	---	---	---	---	139	6.76
MW-2	06/19/07	0.53	---	---	---	---	---	191	5.48
MW-2	09/19/07	0.00	---	---	---	---	---	143	5.85
MW-2	01/02/08	0.63	---	---	---	---	---	137	4.80
MW-2	03/05/09	0.39	---	---	---	---	---	-10.0	4.95
MW-2	06/30/10	0.34	---	---	---	---	---	64.1	4.74
MW-2	03/06/13	NA	2.5	---	320	0.1 U	1.0 U	250	2.44
MW-2	11/11/13	NA	---	---	---	---	---	247	1.69
MW-2	03/11/14	NA	---	---	---	---	---	249	1.37
MW-3	12/21/05	0.56	9.8	0.015 U	260	0.10 U	0.06	152	5.50
MW-3	05/31/06	NA	11	0.015 U	290	0.10 U	0.09	-146	1.28
MW-3	09/14/06	0.86	9.5	0.015 U	300	0.10 U	0.0500J	138	3.95
MW-3	12/28/06	0.48	9.3	0.015 U	310	0.10 U	0.07	NR	NR
MW-3	03/21/07	0.25	10	0.015 U	320	0.10 U	0.08	107	4.51
MW-3	06/20/07	0.53	10	0.015 U	380	0.10 U	0.0700J	139	3.18
MW-3	09/19/07	0.00	9.9	0.015 U	350	0.10 U	0.100	138	6.36
MW-3	01/03/08	0.63	11	0.015 U	380	0.10 U	---	82.0	5.80
MW-3	09/05/08	0.39	---	---	---	---	---	139	4.20
MW-3	03/05/09	0.34	---	---	---	---	---	29.0	4.80
MW-3	12/21/09	0.66	---	---	---	---	---	-64.6	4.70
MW-3	06/30/10	0.30	---	---	---	---	---	67.0	4.62
MW-3	03/07/13	0.40	9.7	---	310	0.1 U	1.0 U	300	1.93
MW-3	11/11/13	0.43	---	---	---	---	---	241	1.99
MW-3	03/11/14	0.00	---	---	---	---	---	271	1.58
MW-3	09/11/14	0.00	---	---	---	---	---	245	1.56
MW-3	03/02/15	0.00	---	---	---	---	---	156	1.89
MW-3	10/19/15	0.00	---	---	---	---	---	197	1.14
MW-3	03/15/16	0.00	---	---	---	---	---	215	1.74
MW-7	12/22/05	2.34	7.5	0.015 U	330	0.10 U	0.29	-35.0	4.10
MW-7	05/31/06	NA	---	---	---	---	---	21.0	0.91
MW-7	09/15/06	NA	---	---	---	---	---	37.0	2.91
MW-7	12/22/06	3.36	---	---	---	---	---	-16.0	5.80
MW-7	03/21/07	4.23	---	---	---	---	---	-20.0	4.26
MW-7	06/20/07	3.15	---	---	---	---	---	-9.0	3.20
MW-7	09/19/07	3.47	---	---	---	---	---	44.0	5.20
MW-7	01/03/08	4.01	---	---	---	---	---	-70.0	4.20
MW-7	09/04/08	4.68	---	---	---	---	---	110	3.89
MW-7	03/05/09	5.16	---	---	---	---	---	-35.0	3.70
MW-7	12/21/09	4.16	---	---	---	---	---	-62.1	3.90
MW-7	06/30/10	4.21	---	---	---	---	---	110	3.81
MW-7	03/06/13	3.98	10	---	330	0.1 U	1.0 U	161	1.47
MW-7	11/11/13	2.69	---	---	---	---	---	285	2.14
MW-7	03/11/14	6.82	---	---	---	---	---	242	1.19
MW-7	09/11/14	3.91	---	---	---	---	---	243	1.74
MW-7	03/02/15	1.91	---	---	---	---	---	232	1.49
MW-7	10/19/15	1.39	---	---	---	---	---	159	1.19
MW-7	03/15/16	0.92	---	---	---	---	---	225	2.08
MW-8A	12/21/05	1.10	10	0.015 U	280	0.10 U	1.66	193	5.10
MW-8A	06/05/06	NA	---	---	---	---	---	123	4.01
MW-8A	09/14/06	NA	---	---	---	---	---	137	3.33
MW-8A	12/21/06	1.19	9.50	0.015 U	320	0.041 U	0.15	198	6.75

Table 6
Historical Natural Attenuation Parameters
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Well ID	Date	Daughter to Parent Ratio	Nitrate[1] (mg/L)	Nitrite[2] (mg/L)	Sulfate (mg/L)	Ferrous Iron (mg/L)	Methane (µg/L)	ORP[3] (mV)	DO[3] (mg/L)
MW-8A	03/20/07	0.00	10	0.015 U	320	0.10 U	0.22	117	6.87
MW-8A	06/19/07	0.64	10	0.015 U	380	0.10 U	0.00784 U	167	5.08
MW-8A	09/18/07	0.51	8.9	0.015 U	360	0.10 U	0.00784 U	125	9.34
MW-8A	01/02/08	0.82	11	0.015 U	380	0.10 U	---	149	4.60
MW-8A	03/05/09	1.09	---	---	---	---	---	9.7	5.08
MW-8A	06/30/10	0.48	---	---	---	---	---	80.1	5.30
MW-8A	03/06/13	0.00	9.8	---	330	0.1 U	1.0 U	235	2.69
MW-8A	11/12/13	0.00	---	---	---	---	---	254	1.84
MW-8A	03/12/14	NA	---	---	---	---	---	286	1.49
MW-9A	12/22/05	2.84	7.6	0.064J	290	0.67	1470	-259	0.50
MW-9A	05/31/06	NA	---	---	---	---	---	-300	0.00
MW-9A	09/15/06	NA	---	---	---	---	---	200	0.00
MW-9A	12/22/06	6.44	---	---	---	---	---	NR	NR
MW-9A	03/21/07	7.79	---	---	---	---	---	-334	0.42
MW-9A	06/20/07	5.29	---	---	---	---	---	-283	0.13
MW-9A	09/19/07	5.75	---	---	---	---	---	-334	3.61
MW-9A	01/03/08	4.87	---	---	---	---	---	-309	2.50
MW-9A	09/05/08	3.92	---	---	---	---	---	-176	0.35
MW-9A	03/04/09	8.48	---	---	---	---	---	-139	0.30
MW-9A	12/22/09	5.09	---	---	---	---	---	-301	0.67
MW-9A	06/29/10	6.20	---	---	---	---	---	-300	0.32
MW-9A	03/06/13	15.48	2.5	---	290	0.31	2070	-88.0	0.91
MW-9A	11/11/13	6.36	---	---	---	---	---	-28.0	0.77
MW-9A	03/11/14	10.13	---	---	---	---	---	42.0	0.47
MW-9A	03/03/15	8.41	---	---	---	---	---	4.0	0.59
MW-9A	03/15/16	7.63	---	---	---	---	---	33.0	0.77
MW-9B	12/22/05	0.00	0.096J	0.015 U	310	0.10 U	2100	-19.0	2.20
MW-9B	05/31/06	NA	---	---	---	---	---	42.0	0.39
MW-9B	09/15/06	NA	---	---	---	---	---	114	1.22
MW-9B	12/22/06	0.00	---	---	---	---	---	NR	NR
MW-9B	03/21/07	2.22	---	---	---	---	---	-307	0.23
MW-9B	06/20/07	NA	---	---	---	---	---	3.0	9.13
MW-9B	09/19/07	0.00	---	---	---	---	---	-121	5.40
MW-9B	01/03/08	0.00	---	---	---	---	---	-150	2.80
MW-9B	09/04/08	0.00	---	---	---	---	---	65.0	1.94
MW-9B	03/04/09	0.26	---	---	---	---	---	-2.0	1.60
MW-9B	12/22/09	0.34	---	---	---	---	---	15.6	1.76
MW-9B	06/29/10	3.20	---	---	---	---	---	-214	1.64
MW-9B	03/06/13	0.00	7.1	---	320	0.1 U	369	221	1.58
MW-9B	11/11/13	NA	---	---	---	---	---	308	2.18
MW-9B	03/11/14	NA	---	---	---	---	---	265	0.87
MW-9B	03/03/15	NA	---	---	---	---	---	206	1.85
MW-10A	12/22/05	15.0	2.1	0.072J	270	3.8	195	-328	0.20
MW-10A	05/31/06	21.8	1.7	0.11	270	0.61	88.4	-318	0.00
MW-10A	09/15/06	1.73	1.7	0.019J	240	0.32	132	-343	0.00
MW-10A	12/22/06	16.2	1.7	0.015 U	260	0.10 U	90.1	NR	NR
MW-10A	03/21/07	15.6	1.4	0.047	280	0.47	187	-339	0.45
MW-10A	06/20/07	17.2	1.8	0.047	320	0.10 U	25.7	-216	0.00
MW-10A	09/19/07	17.0	1.4	0.034	340	0.10 U	86.0	7.0	6.67
MW-10A	01/03/08	11.2	1.7	0.015 U	330	0.10 U	---	-220	3.20
MW-10A	09/05/08	13.3	---	---	---	---	---	-143	0.31
MW-10A	03/04/09	17.2	---	---	---	---	---	-95.0	0.22
MW-10A	12/22/09	9.13	---	---	---	---	---	-308	0.26
MW-10A	06/29/10	21.3	---	---	---	---	---	-204	0.14
MW-10A	03/06/13	8.87	0.4	---	290	0.67	124	57.0	1.97

Table 6
Historical Natural Attenuation Parameters
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Well ID	Date	Daughter to Parent Ratio	Nitrate[1] (mg/L)	Nitrite[2] (mg/L)	Sulfate (mg/L)	Ferrous Iron (mg/L)	Methane (µg/L)	ORP[3] (mV)	DO[3] (mg/L)
MW-10A	11/11/13	6.76	---	---	---	---	---	170	2.07
MW-10A	03/11/14	5.39	---	---	---	---	---	153	0.82
MW-10A	09/11/14	5.89	---	---	---	---	---	251	1.55
MW-10A	03/03/15	3.35	---	---	---	---	---	104	0.89
MW-10A	10/19/15	3.49	---	---	---	---	---	-169	0.72
MW-10A	03/15/16	4.54	---	---	---	---	---	128	1.07
MW-10B	12/22/05	4.56	0.82	0.015 U	200	0.10 U	0.78	-255	2.50
MW-10B	05/31/06	3.28	0.91	0.015 U	210	0.10 U	1.84	-277	0.00
MW-10B	09/15/06	2.12	0.88	0.015 U	210	0.10 U	0.390J	-250	0.21
MW-10B	12/22/06	2.49	0.86	0.015 U	210	0.10 U	0.06	NR	NR
MW-10B	03/21/07	2.03	0.94	0.015 U	220	0.10 U	0.29	-248	1.45
MW-10B	06/20/07	1.42	1.2	0.015 U	250	0.10 U	0.07	76.0	3.54
MW-10B	09/19/07	1.13	1.2	0.015 U	240	0.10 U	0.140	-65.0	4.66
MW-10B	01/03/08	0.91	1.5	0.015 U	270	0.10 U	---	17.0	2.30
MW-10B	09/05/08	1.03	---	---	---	---	---	-29.0	0.55
MW-10B	03/04/09	1.68	---	---	---	---	---	45.0	0.60
MW-10B	12/22/09	1.30	---	---	---	---	---	-248	0.59
MW-10B	06/29/10	1.21	---	---	---	---	---	-43.7	0.38
MW-10B	03/06/13	1.87	2.6	---	320	0.1 U	7.38	210	1.11
MW-10B	11/11/13	NA	---	---	---	---	---	216	2.23
MW-10B	03/11/14	NA	---	---	---	---	---	202	0.72
MW-10B	03/03/15	NA	---	---	---	---	---	202	1.89
MW-10B	03/15/16	NA	---	---	---	---	---	198	1.85
MW-11	09/05/08	3.93	---	---	---	---	---	128	4.36
MW-11	03/04/09	27.5	---	---	---	---	---	-7.0	4.30
MW-11	12/22/09	6.92	---	---	---	---	---	-72.0	4.27
MW-11	06/30/10	3.43	---	---	---	---	---	75.1	5.07
MW-11	03/07/13	3.97	9.7	---	300	0.1 U	1.0 U	296	1.60
MW-11	11/12/13	2.51	---	---	---	---	---	249	2.14
MW-11	03/12/14	0.00	---	---	---	---	---	256	1.54
MW-11	09/11/14	0.00	---	---	---	---	---	285	1.69
MW-11	03/02/15	0.00	---	---	---	---	---	202	1.83
MW-11	10/19/15	0.00	---	---	---	---	---	230	1.30
MW-11	03/15/16	0.00	---	---	---	---	---	179	1.56
MW-12	12/21/05	3.06	8.7	0.015 U	260	0.20	1.76	69.0	4.50
MW-12	05/31/06	NA	---	---	---	---	---	-212	1.60
MW-12	09/05/08	6.27	---	---	---	---	---	32.0	3.05
MW-12	03/04/09	7.75	---	---	---	---	---	-17.0	3.74
MW-12	12/22/09	4.97	---	---	---	---	---	-44.0	3.90
MW-12	06/29/10	20.1	---	---	---	---	---	-127	2.67
MW-12	03/06/13	6.71	9.4	---	300	0.1 U	1.0 U	206	2.51
MW-12	11/12/13	9.47	---	---	---	---	---	224	1.48
MW-12	03/12/14	8.38	---	---	---	---	---	260	1.83
MW-12	09/11/14	6.96	---	---	---	---	---	276	1.76
MW-12	03/03/15	2.05	---	---	---	---	---	244	1.97
MW-12	10/19/15	1.87	---	---	---	---	---	251	0.81
MW-12	03/15/16	0.79	---	---	---	---	---	222	1.55
MW-13A	12/21/05	2.54	7.2	0.015 U	310	0.10 U	2.57	181	1.30
MW-13A	06/05/06	4.79	6.9	0.015 U	280	0.10 U	0.130	125	0.22
MW-13A	09/14/06	3.74	6.8	0.015 U	280	0.10 U	0.160J	---	5.54
MW-13A	12/21/06	2.18	7.0	0.015 U	290	0.05	0.17	-242	4.18
MW-13A	03/20/07	1.75	8.2	0.015 U	320	0.10 U	0.19	92.0	2.92
MW-13A	06/19/07	2.50	8.5	0.015 U	360	0.10 U	0.170J	187	0.98
MW-13A	09/18/07	2.24	7.8	0.015 U	350	0.10 U	0.0400	142	7.57

Table 6
Historical Natural Attenuation Parameters
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Well ID	Date	Daughter to Parent Ratio	Nitrate[1] (mg/L)	Nitrite[2] (mg/L)	Sulfate (mg/L)	Ferrous Iron (mg/L)	Methane (µg/L)	ORP[3] (mV)	DO[3] (mg/L)
MW-13A	01/02/08	2.27	9.2	0.015 U	400	0.10 U	---	125	2.30
MW-13A	09/04/08	3.07	---	---	---	---	---	41.0	1.49
MW-13A	03/05/09	2.32	---	---	---	---	---	-14.0	1.09
MW-13A	12/21/09	1.70	---	---	---	---	---	-88.0	1.85
MW-13A	06/29/10	3.07	---	---	---	---	---	106	0.55
MW-13A	03/07/13	0.62	9.2	---	330	1.0 U	1.0 U	221	1.26
MW-13A	11/12/13	1.01	---	---	---	---	---	289	2.00
MW-13A	03/12/13	1.08	---	---	---	---	---	286	0.94
MW-13A	03/12/13	1.23	---	---	---	---	---	310	1.54
MW-13A	03/03/15	0.41	---	---	---	---	---	218	1.42
MW-13A	10/20/15	0.00	---	---	---	---	---	108	1.14
MW-13A	03/16/16	0.00	---	---	---	---	---	252	1.44
MW-13B	12/21/05	2.14	6.3	0.015 U	170	0.10 U	1.59	154	3.40
MW-13B	06/05/06	1.19	4	0.015 U	59	0.10 U	0.110	113	0.47
MW-13B	09/14/06	1.61	4.1	ND<0.15	73	0.10 U	0.140J	---	5.66
MW-13B	12/21/06	2.01	4.9	0.015 U	110	0.041 U	0.02	-85.0	3.96
MW-13B	03/20/07	2.53	5.0	0.015 U	130	0.10 U	0.07	105	3.06
MW-13B	06/19/07	2.90	5.8	0.015 U	180	0.10 U	0.00784 U	181	1.09
MW-13B	09/18/07	2.62	5.5	0.015 U	190	0.10 U	0.0800	126	7.34
MW-13B	01/02/08	2.03	7.7	0.015 U	220	0.10 U	---	155	2.80
MW-13B	09/04/08	0.67	---	---	---	---	---	74.0	2.37
MW-13B	03/05/09	0.41	---	---	---	---	---	-12.0	1.98
MW-13B	12/21/09	0.19	---	---	---	---	---	-11.0	2.84
MW-13B	06/29/10	0.15	---	---	---	---	---	151	1.45
MW-13B	03/07/13	0.00	0.14	---	32	0.617	4.60	144	1.50
MW-13B	11/11/13	0.18	---	---	---	---	---	299	1.48
MW-13B	03/12/14	0.13	---	---	---	---	---	286	0.92
MW-13B	09/12/14	0.90	---	---	---	---	---	304	1.48
MW-13B	03/03/15	0.21	---	---	---	---	---	239	1.92
MW-13B	10/20/15	2.07	---	---	---	---	---	98.0	0.99
MW-13B	03/16/16	0.00	---	---	---	---	---	254	2.02
MW-14	12/21/05	2.43	7.4	0.015 U	300	0.10 U	1.13	181	4.40
MW-14	06/05/06	NA	---	---	---	---	---	132	0.62
MW-14	09/14/06	4.16	---	---	---	---	---	---	6.33
MW-14	12/21/06	3.15	---	---	---	---	---	33.0	5.65
MW-14	03/20/07	2.45	---	---	---	---	---	122	6.44
MW-14	06/19/07	2.67	---	---	---	---	---	216	8.15
MW-14	09/18/07	2.87	---	---	---	---	---	147	5.50
MW-14	01/02/08	2.42	---	---	---	---	---	147	3.20
MW-14	09/04/08	4.70	---	---	---	---	---	208	4.01
MW-14	03/05/09	2.19	---	---	---	---	---	-4.0	4.40
MW-14	12/21/09	1.96	---	---	---	---	---	76.8	2.27
MW-14	06/29/10	3.29	---	---	---	---	---	137.8	0.65
MW-14	03/07/13	0.56	8.8	---	320	0.1 U	1.0 U	264	1.80
MW-14	11/12/13	0.98	---	---	---	---	---	211	1.55
MW-14	03/12/13	0.92	---	---	---	---	---	290	1.02
MW-14	09/12/14	0.92	---	---	---	---	---	277	1.84
MW-14	03/03/15	0.43	---	---	---	---	---	215	1.64
MW-14	10/20/15	0.25	---	---	---	---	---	111	1.16
MW-14	03/16/16	0.22	---	---	---	---	---	204	1.66
MW-15	12/21/05	6.52	5.0	0.015 U	260	0.10 U	1.68	206	2.10
MW-15	06/05/06	5.54	5.3	0.015 U	230	0.10 U	0.16	152	0.34
MW-15	09/14/06	8.51	4.7	0.015 U	240	0.10 U	0.130J	---	5.81
MW-15	12/21/06	7.24	5.4	0.015 U	270	0.041 U	0.15	11.0	3.84
MW-15	03/20/07	4.83	6.2	0.015 U	290	0.10 U	0.06	115	2.01

Table 6
Historical Natural Attenuation Parameters
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Well ID	Date	Daughter to Parent Ratio	Nitrate[1] (mg/L)	Nitrite[2] (mg/L)	Sulfate (mg/L)	Ferrous Iron (mg/L)	Methane (µg/L)	ORP[3] (mV)	DO[3] (mg/L)
MW-15	06/19/07	6.30	7.2	0.015 U	330	0.10 U	0.00784 U	197	0.62
MW-15	09/18/07	6.45	6.7	0.015 U	340	0.10 U	0.0400	149	4.79
MW-15	01/02/08	5.49	8.3	0.015 U	370	0.10 U	---	150	2.50
MW-15	09/04/08	9.33	---	---	---	---	---	131	0.93
MW-15	03/05/09	7.19	---	---	---	---	---	-18.0	0.87
MW-15	12/21/09	4.29	---	---	---	---	---	-93.0	1.70
MW-15	06/29/10	5.07	---	---	---	---	---	79.1	3.13
MW-15	03/07/13	3.20	7.5	---	290	0.1 U	1.0 U	297	1.37
MW-15	11/12/13	3.12	---	---	---	---	---	216	1.61
MW-15	03/12/13	3.19	---	---	---	---	---	296	1.05
MW-15	09/12/14	2.50	---	---	---	---	---	277	1.84
MW-15	03/03/15	1.44	---	---	---	---	---	242	1.65
MW-15	10/20/15	0.86	---	---	---	---	---	111	0.95
MW-15	03/16/16	0.70	---	---	---	---	---	200	1.82
MW-16A	06/05/06	59.9	1.9	0.015 U	240	0.10 U	1.23	52.0	7.71
MW-16A	09/15/06	4.48	1.2	0.095J	400	0.10 U	9.85	-78.0	0.00
MW-16A	12/28/06	13.5	0.028 U	0.015 U	240	0.10 U	0.36	NR	NR
MW-16A	03/21/07	14.7	3.9	0.015 U	290	1.1	0.52	-105	2.19
MW-16A	06/20/07	31.2	2.3	0.015 U	290	1.3	0.05	88.0	2.82
MW-16A	09/19/07	35.3	4.8	0.015 U	310	0.26	0.460	141	5.28
MW-16A	01/03/08	42.1	1.5	0.015 U	280	0.39	---	38.0	4.10
MW-16A	09/05/08	102	---	---	---	---	---	58.0	2.96
MW-16A	03/05/09	114	---	---	---	---	---	-12.0	3.35
MW-16A	12/22/09	69.6	---	---	---	---	---	-80.0	3.42
MW-16A	06/30/10	34.8	---	---	---	---	---	79.1	3.13
MW-16A	03/07/13	75.1	2.7	---	200	1.48	1.0 U	302	1.68
MW-16A	11/12/13	52.0	---	---	---	---	---	257	1.97
MW-16A	03/11/14	15.3	---	---	---	---	---	248	1.46
MW-16A	03/03/15	2.3	---	---	---	---	---	239	1.84
MW-16A	03/15/16	1.2	---	---	---	---	---	218	1.66
MW-16B	06/05/06	0.65	8.3	0.015 U	240	0.10 U	0.340	132	1.20
MW-16B	09/15/06	24.7	3.8	0.015 U	260	1.8	0.360J	-20.0	0.59
MW-16B	12/28/06	1.21	7.9	0.015 U	260	0.10 U	0.02	NR	NR
MW-16B	03/21/07	1.30	8.5	0.015 U	290	0.10 U	4.69	106	6.64
MW-16B	06/20/07	0.80	8.9	0.015 U	320	0.10 U	0.36	119	3.37
MW-16B	09/19/07	0.67	8.9	0.015 U	320	0.10 U	0.130	147	7.21
MW-16B	01/03/08	0.43	10	0.015 U	370	0.10 U	---	40.0	4.10
MW-16B	09/05/08	0.70	---	---	---	---	---	103	3.53
MW-16B	03/05/09	3.15	---	---	---	---	---	-18.0	3.39
MW-16B	12/22/09	4.47	---	---	---	---	---	-34.0	3.35
MW-16B	06/30/10	1.22	---	---	---	---	---	72.0	3.89
MW-16B	03/07/13	1.27	9.2	---	300	0.1 U	1.0 U	285	2.05
MW-16B	11/12/13	11.1	---	---	---	---	---	242	2.35
MW-16B	03/12/13	9.18	---	---	---	---	---	242	1.96
MW-16B	09/11/13	4.08	---	---	---	---	---	281	1.66
MW-16B	03/03/15	1.88	---	---	---	---	---	239	1.86
MW-16B	10/19/15	NA	---	---	---	---	---	207	1.30
MW-16B	03/15/16	0.60	---	---	---	---	---	232	2.00
MW-16C	06/05/06	3.71	1.6	0.33	330	0.10 U	11.9	60.0	0.00
MW-16C	09/15/06	0.67	8.0	0.015 U	250	0.10 U	0.160J	12.0	2.95
MW-16C	12/28/06	4.09	1.1	0.015 U	420	0.10 U	0.05	NR	NR
MW-16C	03/21/07	4.59	1.2	0.015 U	430	0.10 U	0.04	69.0	0.87
MW-16C	06/20/07	3.49	1.1	0.015 U	480	0.10 U	1.62	7.0	0.00
MW-16C	09/19/07	1.76	1.3	0.015 U	470	0.10 U	0.360	75.0	5.00
MW-16C	01/03/08	1.90	1.4	0.015 U	500	0.10 U	---	-44.0	2.40

Table 6
Historical Natural Attenuation Parameters
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Well ID	Date	Daughter to Parent Ratio	Nitrate[1] (mg/L)	Nitrite[2] (mg/L)	Sulfate (mg/L)	Ferrous Iron (mg/L)	Methane (µg/L)	ORP[3] (mV)	DO[3] (mg/L)
MW-16C	09/05/08	2.65	---	---	---	---	---	30.0	0.25
MW-16C	03/05/09	3.20	---	---	---	---	---	-22.8	0.20
MW-16C	12/22/09	1.83	---	---	---	---	---	-113	0.24
MW-16C	06/30/10	1.83	---	---	---	---	---	64.3	0.40
MW-16C	03/07/13	NA	0.52	---	440	0.1 U	1.0 U	285	2.05
MW-16C	11/12/13	NA	---	---	---	---	---	221	2.30
MW-16C	03/12/14	NA	---	---	---	---	---	234	0.80
MW-16C	03/02/15	NA	---	---	---	---	---	239	1.86
MW-16C	03/15/16	NA	---	---	---	---	---	249	1.84
K-1	12/21/05	5.33	9.9	0.015 U	280	0.10 U	0.46	81.0	6.20
K-1	05/31/06	NA	---	---	---	---	---	-36.0	2.03
K-1	09/15/06	NA	---	---	---	---	---	119	5.33
K-1	12/22/07	6.54	---	---	---	---	---	21.0	8.90
K-1	03/20/07	3.72	---	---	---	---	---	63.0	5.63
K-1	06/20/07	5.19	---	---	---	---	---	59.0	4.57
K-1	09/19/07	4.47	---	---	---	---	---	94.0	6.86
K-1	01/03/08	5.38	---	---	---	---	---	0.0	4.80
K-1	09/05/08	3.67	---	---	---	---	---	112	4.29
K-1	03/05/09	11.4	---	---	---	---	---	-9.0	4.40
K-1	12/21/09	3.21	---	---	---	---	---	-63.0	4.52
K-1	06/30/10	7.19	---	---	---	---	---	49.0	4.80
K-1	03/06/13	0.00	9.5	---	330	0.1 U	1.0 U	189	3.10
K-1	11/12/13	1.06	---	---	---	---	---	186	1.27
K-1	03/11/14	1.30	---	---	---	---	---	286	1.60
K-1	09/11/14	NA	---	---	---	---	---	205	1.48
K-1	03/02/15	NA	---	---	---	---	---	240	1.70
K-1	10/19/15	NA	---	---	---	---	---	223	0.96
K-1	03/15/16	0.00	---	---	---	---	---	246	1.62
K-2	12/21/05	1.71	9.8	0.015 U	300	0.10 U	0.44	148	6.40
K-2	05/31/06	NA	---	---	---	---	---	125	6.08
K-2	09/15/06	NA	---	---	---	---	---	130	4.95
K-2	12/22/06	1.69	---	---	---	---	---	73.0	9.09
K-2	03/20/07	0.93	---	---	---	---	---	76.0	4.57
K-2	06/19/07	1.52	---	---	---	---	---	104	5.41
K-2	09/19/07	1.06	---	---	---	---	---	135	6.91
K-2	01/03/08	1.03	---	---	---	---	---	-6.0	5.20
K-2	Abandoned 7/28/08								

Notes:
DO = Dissolved oxygen
mg/L = milligrams per liter
ORP = Oxidation-reduction potential in millivolts
NA = Not applicable
U = Not detected at or above method detection limit
--- = Not sampled
NR = No Purge Record
Daughter to Parent Ratio = (CF+VC+cisDCE+trans-1,2-DCE+TCE)/(PCE)

1. Nitrate, reported as nitrogen
2. Nitrite, reported as nitrogen
3. ORP and DO were measured in field after purging wells using down hole instrumentation or flow cell

Table 7
Soil Vapor Analytical Results
January 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Soil Vapor Well (ft bgs)	Sample Date	EPA 8260					
		PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	VINYL CHLORIDE	OTHERS
Proposed Soil Gas Cleanup Goals 5 feet bgs (µg/m^3)		**42,000**	**15,000**	**47,000**	NA	**2,200**	
Proposed Soil Gas Cleanup Goals 10 feet bgs (µg/m^3)		**70,000**	**23,000**	**70,000**	NA	**3,200**	
Proposed Soil Gas Cleanup Goals 20 feet bgs (µg/m^3)		**125,000**	**40,000**	**116,000**	NA	**5,100**	
Proposed Soil Gas Cleanup Goals 30 feet bgs (µg/m^3)		**180,000**	**57,000**	**163,000**	NA	**7,100**	
VP-1-5	7/23/2008	**240,000**	4,900	200 U	200 U	100 U	
VP-1-5	3/17/2011	**180,000**	1,900	500 U	500 U	40 U	
VP-1-5	9/14/2011	**140,000**	1,100	100 U	1000 U	80 U	
VP-1-5	3/22/2012	**160,000**	1,900	500 U	500 U	40 U	
VP-1-5	9/6/2012	**220,000**	1,300	2000 U	2000 U	200 U	
VP-1-5	3/6/2013	**260,000**	3,800	580	400 U	40 U	
VP-1-5	10/30/2013	**220,000**	3,000	400 U	400 U	40 U	
VP-1-5	3/11/2014	10,000	80 U	400 U	400 U	40 U	
VP-1-5	9/11/2014	6,000	80 U	400 U	400 U	40 U	
VP-1-5	3/3/2015	2,800	80 U	400 U	400 U	40 U	
VP-1-5	10/19/2015	5,000	80 U	400 U	400 U	40 U	
VP-1-5	1/18/2016	5,300	80	400 U	400 U	40 U	
VP-1-5 (DUP)	9/6/2012	**190,000**	1,000	2000 U	2000 U	200 U	
VP-1-10	7/23/2008	**540,000**	11,000	480	400 U	200 U	
VP-1-10	3/17/2011	**670,000**	5,200	500 U	500 U	500 U	
VP-1-10	9/14/2011	**430,000**	3,100	500 U	500 U	400 U	
VP-1-10	3/21/2012	**430,000**	5,100	500 U	500 U	40 U	
VP-1-10	9/6/2012	**690,000**	3,100	2500 U	2500 U	250 U	
VP-1-10	3/6/2013	**410,000**	9,000	1,500	400 U	40 U	
VP-1-10	10/30/2013	**520,000**	8,300	1,600	400 U	40 U	
VP-1-10	3/11/2014	33,000	80 U	400 U	400 U	40 U	
VP-1-10	9/11/2014	27,000	80 U	400 U	400 U	40 U	
VP-1-10	3/3/2015	10,000	80 U	400 U	400 U	40 U	
VP-1-10	10/19/2015	8,500	90	400 U	400 U	40 U	
VP-1-10	1/18/2016	16,000	200	400 U	400 U	40 U	
VP-1-20	7/23/2008	**630,000** **E**	32,000	7,600	1,800	200 U	1,1,2,2-TCA = 1,100
VP-1-20	3/17/2011	**2,700,000** **E**	19,000	1,400	520	40 U	
VP-1-20	9/14/2011	**710,000**	5,500	500 U	500 U	400 U	
VP-1-20	3/21/2012	**1,700,000**	17,000	2,500	750	40 U	
VP-1-20	9/6/2012	**1,400,000**	15,000	20000 U	20000 U	2000 U	
VP-1-20	3/6/2013	**1,200,000**	17,000	20000 U	20000 U	2000 U	
VP-1-20	10/30/2013	**800,000**	23,000	19,000	2,500	40 U	chloroform = 90
VP-1-20	3/11/2014	38,000	290	400 U	400 U	40 U	
VP-1-20	9/11/2014	63,000	200	400 U	400 U	40 U	
VP-1-20	3/3/2015	940	80 U	400 U	400 U	40 U	
VP-1-20	10/19/2015	34,000	260	400 U	400 U	40 U	
VP-1-20	1/18/2016	33,000	390	400 U	400 U	40 U	
VP-1-30	7/23/2008	**710,000** **E**	**110,000**	49,000	8,800	200 U	1,1,2,2-TCA = 1,600
VP-1-30	3/17/2011	**3,000,000** **E**	43,000	12,000	10,000 U	1000 U	
VP-1-30	9/14/2011	**850,000**	17,000	500 U	5,000 U	400 U	
VP-1-30	3/21/2012	**1,800,000**	41,000	18,000	2,900	40 U	
VP-1-30	9/6/2012	**1,900,000**	51,000	40000 U	40000 U	4000 U	
VP-1-30	3/6/2013	**780,000**	28,000	34,000	20000 U	2000 U	
VP-1-30	10/30/2013	**1,100,000**	55,000	63,000	6,600	40 U	chloroform = 130
VP-1-30	3/11/2014	66,000	1000 U	5000 U	5000 U	500 U	
VP-1-30	9/11/2014	65,000	210	400 U	400 U	40 U	
VP-1-30	3/3/2015	15,000	100	400 U	400 U	40 U	
VP-1-30	10/20/2015	39,000	300	400 U	400 U	40 U	
VP-1-30	1/18/2016	47,000	410	400 U	400 U	40 U	
VP-1-30 (DUP)	3/6/2013	**910,000**	31,000	35,000	20000 U	2000 U	
VP-1-30 (DUP)	9/11/2014	59,000	190	400 U	400 U	40 U	
VP-2-5	7/25/2008	15,000	2,500	2,600	800 U	400 U	

Table 7
Soil Vapor Analytical Results
January 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Soil Vapor Well (ft bgs)	Sample Date	EPA 8260					
		PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	VINYL CHLORIDE	OTHERS
Proposed Soil Gas Cleanup Goals 5 feet bgs (µg/m^3)		**42,000**	**15,000**	**47,000**	NA	**2,200**	
Proposed Soil Gas Cleanup Goals 10 feet bgs (µg/m^3)		**70,000**	**23,000**	**70,000**	NA	**3,200**	
Proposed Soil Gas Cleanup Goals 20 feet bgs (µg/m^3)		**125,000**	**40,000**	**116,000**	NA	**5,100**	
Proposed Soil Gas Cleanup Goals 30 feet bgs (µg/m^3)		**180,000**	**57,000**	**163,000**	NA	**7,100**	
VP-2-5	3/18/2011	4,300	1,100	500 U	500 U	40 U	
VP-2-5	9/15/2011	2,300	910	990	500 U	40 U	
VP-2-5	3/22/2012	4,500	2,800	6,300	500 U	40 U	
VP-2-5	9/7/2012	1,400	590	1,300	400 U	40 U	
VP-2-5	3/7/2013	3,000	820	590	400 U	40 U	
VP-2-5	10/31/2013	2,400	530	400 U	400 U	40 U	
VP-2-5	3/10/2014	220	80 U	400 U	400 U	40 U	
VP-2-5	9/11/2014	200	80 U	400 U	400 U	40 U	
VP-2-5	3/3/2015	130	80 U	400 U	400 U	40 U	
VP-2-5	10/20/2015	360	80 U	400 U	400 U	40 U	
VP-2-10	7/25/2008	16,000	3,400	6,000	800 U	400 U	
VP-2-10	3/18/2011	2,300	760	500 U	500 U	40 U	
VP-2-10	9/15/2011	3,300	1,400	3,300	500 U	40 U	
VP-2-10	3/22/2012	3,900	2,400	7,800	510	40 U	
VP-2-10	9/7/2012	2,900	1,300	4,100	400 U	40 U	
VP-2-10	3/7/2013	2,100	680	450	400 U	40 U	
VP-2-10	10/31/2013	3,100	720	400 U	400 U	40 U	
VP-2-10	3/10/2014	500	80 U	400 U	400 U	40 U	
VP-2-10	9/11/2014	520	80 U	400 U	400 U	40 U	
VP-2-10	3/3/2015	240	80 U	400 U	400 U	40 U	
VP-2-10	10/20/2015	350	80 U	400 U	400 U	40 U	
VP-2-20	7/25/2008	21,000	5,200	23,000	1,600	400 U	
VP-2-20	3/18/2011	3,100	1,900	1,700	500 U	40 U	
VP-2-20	9/15/2011	5,500	3,000	16,000	1,100	40 U	benzene = 200
VP-2-20	3/22/2012	3,600	2,100	9,600	560	40 U	
VP-2-20	9/7/2012	3,500	1,600	9,000	640	40 U	
VP-2-20	3/7/2013	2,100	540	410	400 U	40 U	
VP-2-20	10/31/2013	2,800	620	400 U	400 U	40 U	
VP-2-20	3/10/2014	500	80 U	400 U	400 U	40 U	
VP-2-20	9/11/2014	740	80 U	400 U	400 U	40 U	
VP-2-20	3/3/2015	250	80 U	400 U	400 U	40 U	
VP-2-20	10/20/2015	410	80 U	400 U	400 U	40 U	
VP-2-30	7/25/2008	29,000	10,000	83,000	5,400	400 U	1,1,2,2-TCA = 1,800
VP-2-30	3/18/2011	5,500	9,800	28,000	1,600	40 U	
VP-2-30	9/15/2011	8,000	11,000	75,000	5,100	40 U	benzene = 210
VP-2-30	3/22/2012	6,300	5,900	56,000	3,300	40 U	
VP-2-30	9/7/2012	4,200	2,000	24,000	2,000	40 U	
VP-2-30	3/7/2013	2,300	720	1,600	570	40 U	
VP-2-30	10/31/2013	3,100	680	400 U	400 U	40 U	
VP-2-30	3/10/2014	330	80 U	400 U	400 U	40 U	
VP-2-30	9/11/2014	300	80 U	400 U	400 U	40 U	
VP-2-30	3/3/2015	140	80 U	400 U	400 U	40 U	
VP-2-30	10/20/2015	510	80	400 U	400 U	40 U	
VP-3-5	7/24/2008	32,000	3,200	1,300	800 U	400 U	1,1,2,2-TCA = 2,600
VP-3-5	3/17/2011	12,000	3,500	500 U	500 U	40 U	
VP-3-5	9/14/2011	15,000	2,800	500 U	500 U	40 U	
VP-3-5	3/22/2012	11,000	4,400	790	500 U	40 U	
VP-3-5	9/6/2012	10,000	3,300	850	400 U	40 U	
VP-3-5	3/6/2013	3,000	2,500	2,100	400 U	40 U	
VP-3-5	10/31/2013	4,800	3,000	2,600	400 U	40 U	

Table 7
Soil Vapor Analytical Results
January 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Soil Vapor Well (ft bgs)	Sample Date	EPA 8260					
		PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	VINYL CHLORIDE	OTHERS
Proposed Soil Gas Cleanup Goals 5 feet bgs (µg/m^3)		**42,000**	**15,000**	**47,000**	NA	**2,200**	
Proposed Soil Gas Cleanup Goals 10 feet bgs (µg/m^3)		**70,000**	**23,000**	**70,000**	NA	**3,200**	
Proposed Soil Gas Cleanup Goals 20 feet bgs (µg/m^3)		**125,000**	**40,000**	**116,000**	NA	**5,100**	
Proposed Soil Gas Cleanup Goals 30 feet bgs (µg/m^3)		**180,000**	**57,000**	**163,000**	NA	**7,100**	
VP-3-5	3/11/2014	660	80 U	400 U	400 U	40 U	
VP-3-5	9/11/2014	670	80 U	400 U	400 U	40 U	
VP-3-5	3/2/2015	110	80 U	400 U	400 U	40 U	
VP-3-5	10/19/2015	210	110	400 U	400 U	40 U	
VP-3-5	1/18/2016	280	80 U	400 U	400 U	40 U	
VP-3-10	7/24/2008	37,000	400 U	800 U	800 U	400 U	
VP-3-10	3/17/2011	27,000	8,500	500 U	500 U	40 U	
VP-3-10	9/14/2011	26,000	6,600	500 U	500 U	40 U	
VP-3-10	3/22/2012	30,000	12,000	3,600	500 U	40 U	
VP-3-10	9/6/2012	23,000	7,400	3,400	400 U	40 U	
VP-3-10	3/6/2013	13,000	7,300	6,400	400 U	40 U	
VP-3-10	10/31/2013	420 *	80 U	400 U	400 U	40 U	
VP-3-10	3/11/2014	1,500	110	400 U	400 U	40 U	
VP-3-10	9/11/2014	880	100	400 U	400 U	40 U	
VP-3-10	3/2/2015	110	80 U	400 U	400 U	40 U	
VP-3-10	10/19/2015	460	190	400 U	400 U	40 U	
VP-3-10	1/18/2016	800	160	400 U	400 U	40 U	Benzene = 80
VP-3-10 (DUP)	3/22/2012	30,000	12,000	3,400	500 U	40 U	
VP-3-20	7/24/2008	120,000	31,000	28,000	2,200	400 U	1,1,2,2-TCA = 3,000
VP-3-20	3/17/2011	**170,000**	**56,000**	9,400	1,100	40 U	
VP-3-20	9/13/2011	**130,000**	**41,000**	9,200	2,000 U	160 U	
VP-3-20	3/21/2012	**130,000**	**52,000**	32,000	3300 U	260 U	
VP-3-20	9/6/2012	68,000	26,000	23,000	5000 U	500 U	
VP-3-20	3/6/2013	45,000	27,000	34,000	2,200	40 U	
VP-3-20	10/31/2013	57,000	25,000	36,000	2,000	40 U	
VP-3-20	3/11/2014	9,800	1,600	400 U	400 U	40 U	
VP-3-20	9/11/2014	7,300	840	400 U	400 U	40 U	
VP-3-20	3/2/2015	1,200	740	400 U	400 U	40 U	
VP-3-20	10/19/2015	4,100	1,100	400 U	400 U	40 U	
VP-3-20	1/18/2016	8,100	1,800	670	400 U	40 U	benzene = 80
VP-3-30	7/24/2008	100,000	14,000	130,000	7,000	400 U	1,1,2,2-TCA = 4,300
VP-3-30	3/17/2011	160,000	**60,000**	9,100	2,000 U	200 U	
VP-3-30	9/14/2011	35,000	8,100	120,000	5,100	160 U	
VP-3-30	3/21/2012	6,100	1,800	20,000	900	40 U	
VP-3-30	9/6/2012	22,000	4,400	44,000	1,900	60	
VP-3-30	3/6/2013	35,000	13,000	77,000	5,100	100	
VP-3-30	10/31/2013	29,000	9,700	48,000	3,900	270	
VP-3-30	3/11/2014	18,000	44,000	20000 U	20000 U	2000 U	
VP-3-30	9/11/2014	81,000	42,000	5,100	20000 U	100 U	
VP-3-30	9/12/2014	89,000	48,000	5,800	1000 U	100 U	
VP-3-30	3/2/2015	53,000	13,000	1,200	400 U	40 U	
VP-3-30	10/19/2015	11,000	5,200	65,000	400 U	40 U	chloroform = 90
VP-3-30	1/18/2016	16,000	6,200	70,000	400 U	40 U	
VP-3-30 (DUP)	10/31/2013	28,000	8,900	45,000	3,700	250	
VP-4-5	7/24/2008	25,000	500 U	1,000 U	1,000 U	500 U	
VP-4-5	3/17/2011	11,000	230	500 U	500 U	40 U	
VP-4-5	9/14/2011	18,000	540	500 U	500 U	40 U	
VP-4-5	3/21/2012	19,000	440	500 U	500 U	40 U	
VP-4-5	9/6/2012	13,000	290	400 U	400 U	40 U	
VP-4-5	3/6/2013	13,000	340	400 U	400 U	40 U	
VP-4 Abandoned October 25, 2013							

Table 7
Soil Vapor Analytical Results
January 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Soil Vapor Well (ft bgs)	Sample Date	EPA 8260					
		PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	VINYL CHLORIDE	OTHERS
Proposed Soil Gas Cleanup Goals 5 feet bgs (µg/m^3)		**42,000**	**15,000**	**47,000**	NA	**2,200**	
Proposed Soil Gas Cleanup Goals 10 feet bgs (µg/m^3)		**70,000**	**23,000**	**70,000**	NA	**3,200**	
Proposed Soil Gas Cleanup Goals 20 feet bgs (µg/m^3)		**125,000**	**40,000**	**116,000**	NA	**5,100**	
Proposed Soil Gas Cleanup Goals 30 feet bgs (µg/m^3)		**180,000**	**57,000**	**163,000**	NA	**7,100**	
VP-4-5 (DUP)	3/21/2012	19,000	470	500 U	500 U	40 U	
VP-4-10	7/24/2008	42,000	2,600	1,000 U	1,000 U	500 U	
VP-4-10	3/17/2011	Well blocked, no samples obtained					
VP-4-10	9/14/2011	Well blocked, no samples obtained					
VP-4-10	3/21/2012	Well blocked, no samples obtained					
VP-4-10	9/6/2012	Well blocked, no samples obtained					
VP-4-10	3/6/2013	Well blocked, no samples obtained					
VP-4 Abandoned October 25, 2013							
VP-4-20	7/24/2008	**150,000**	16,000	8,600	2,000	500 U	
VP-4-20	3/17/2011	Well blocked, no samples obtained					
VP-4-20	9/14/2011	Well blocked, no samples obtained					
VP-4-20	3/21/2012	Well blocked, no samples obtained					
VP-4-20	9/6/2012	Well blocked, no samples obtained					
VP-4-20	3/6/2013	Well blocked, no samples obtained					
VP-4 Abandoned October 25, 2013							
VP-4-30	7/24/2008	120,000	13,000	16,000	3,000	500 U	
VP-4-30	3/17/2011	33,000	7,900	9,700	2,300	40 U	
VP-4-30	9/14/2011	79,000	7,400	2,700	870	40 U	
VP-4-30	3/21/2012	Well blocked, no samples obtained					
VP-4-30	9/6/2012	170,000	5,200	8,600	750	40 U	
VP-4-30	3/6/2013	120,000	12,000	120,000	7,600	40 U	
VP-4 Abandoned October 25, 2013							
VP-4-30 (DUP)	3/17/2011	30,000	7,400	9,100	2,100	40 U	
VP-4-30 (DUP)	9/14/2011	79,000	7,000	2,400	810	40 U	
VP-4 Abandoned October 25, 2013							
VP-4R-5	10/30/2013	41,000	1,400	400 U	400 U	40 U	
VP-4R-5	3/10/2014	80 U	80 U	400 U	400 U	40 U	
VP-4R-5	9/11/2014	880	80 U	400 U	400 U	40 U	
VP-4R-5	3/3/2015	80 U	80 U	400 U	400 U	40 U	
VP-4R-5	10/19/2015	460	80 U	400 U	400 U	40 U	
VP-4R-5	1/19/2016	490	80 U	400 U	400 U	40 U	
VP-4R-5 (DUP)	10/30/2013	42,000	1,500	400 U	400 U	40 U	
VP-4R-5 (DUP)	3/10/2014	80 U	80 U	400 U	400 U	40 U	
VP-4R-10	10/30/2013	**170,000**	5,800	400 U	670	40 U	
VP-4R-10	3/10/2014	640	80 U	400 U	400 U	40 U	
VP-4R-10	9/11/2014	660	80 U	400 U	400 U	40 U	
VP-4R-10	3/3/2015	120	80 U	400 U	400 U	40 U	
VP-4R-10	10/19/2015	1,900	80 U	400 U	400 U	40 U	
VP-4R-10	1/19/2016	2,000	80 U	400 U	400 U	40 U	
VP-4R-10 (DUP)	1/19/2016	1,900	80 U	400 U	400 U	40 U	
VP-4R-20	10/30/2013	**260,000**	21,000	5,600	4,200	40 U	
VP-4R-20	3/10/2014	500	80 U	400 U	400 U	40 U	
VP-4R-20	9/11/2014	540	80 U	400 U	400 U	40 U	
VP-4R-20	3/3/2015	230	80 U	400 U	400 U	40 U	
VP-4R-20	10/19/2015	4,700	160	400 U	400 U	40 U	
VP-4R-20	1/19/2016	5,300	190	400 U	400 U	40 U	
VP-4R-30	10/30/2013	**280,000**	38,000	11,000	16,000	40 U	
VP-4R-30	3/11/2014	600	80 U	400 U	400 U	40 U	

Table 7
Soil Vapor Analytical Results
January 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Soil Vapor Well (ft bgs)	Sample Date	EPA 8260					
		PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	VINYL CHLORIDE	OTHERS
Proposed Soil Gas Cleanup Goals 5 feet bgs (µg/m^3)		**42,000**	**15,000**	**47,000**	NA	**2,200**	
Proposed Soil Gas Cleanup Goals 10 feet bgs (µg/m^3)		**70,000**	**23,000**	**70,000**	NA	**3,200**	
Proposed Soil Gas Cleanup Goals 20 feet bgs (µg/m^3)		**125,000**	**40,000**	**116,000**	NA	**5,100**	
Proposed Soil Gas Cleanup Goals 30 feet bgs (µg/m^3)		**180,000**	**57,000**	**163,000**	NA	**7,100**	
VP-4R-30	9/11/2014	690	80 U	400 U	400 U	40 U	benzene = 90
VP-4R-30	3/3/2015	910	80 U	400 U	400 U	40 U	
VP-4R-30	10/19/2015	5,400	140	400 U	400 U	40 U	
VP-4R-30	1/19/2016	7,100	170	400 U	400 U	40 U	
VP-5-5	7/25/2008	9,600	3,800	800 U	800 U	400 U	
VP-5-5	3/17/2011	5,000	3,400	500 U	500 U	40 U	
VP-5-5	9/15/2011	4,300	1,800	500 U	500 U	40 U	
VP-5-5	3/22/2012	4,300	2,700	500 U	500 U	40 U	
VP-5-5	9/6/2012	4,200	2,200	400 U	400 U	40 U	
VP-5-5	3/7/2013	2,200	1,900	470	400 U	40 U	
VP-5-5	10/31/2013	3,600	1,800	400 U	400 U	40 U	
VP-5-5	3/10/2014	80 U	80 U	400 U	400 U	40 U	chloroform = 180
VP-5-5	9/12/2014	80 U	80 U	400 U	400 U	40 U	
VP-5-5	3/2/2015	80 U	80 U	400 U	400 U	40 U	
VP-5-5	10/19/2015	400	80 U	400 U	400 U	40 U	
VP-5-5	1/18/2016	320	80 U	400 U	400 U	40 U	benzene = 80
VP-5-5	9/12/2014	80 U	80 U	400 U	400 U	40 U	
VP-5-10	7/25/2008	16,000	9,700	4,400	800 U	400 U	
VP-5-10	3/17/2011	9,900	6,900	500 U	500 U	40 U	
VP-5-10	9/15/2011	8,000	3,600	500 U	500 U	40 U	
VP-5-10	3/22/2012	10,000	8,000	600	500 U	40 U	
VP-5-10	9/6/2012	6,000	3,900	400 U	400 U	40 U	
VP-5-10	3/7/2013	6,600	5,400	2,000	400 U	40 U	
VP-5-10	10/31/2013	6,800	4,400	1,900	400 U	40 U	
VP-5-10	3/10/2014	80 U	80 U	400 U	400 U	40 U	chloroform = 90
VP-5-10	9/12/2014	80 U	80 U	400 U	400 U	40 U	
VP-5-10	3/2/2015	80 U	80 U	400 U	400 U	40 U	
VP-5-10	10/19/2015	570	80 U	400 U	400 U	40 U	
VP-5-10	1/18/2016	590	80 U	400 U	400 U	40 U	benzene = 80
VP-5-10 (DUP)	3/2/2015	80 U	80 U	400 U	400 U	40 U	
VP-5-20	7/25/2008	35,000	28,000	29,000	2,000	400 U	
VP-5-20	3/17/2011	36,000	35,000	6,300	1,100	40 U	
VP-5-20	9/15/2011	25,000	17,000	3,700	580	40 U	benzene = 160
VP-5-20	3/22/2012	26,000	26,000	12,000	1,500	40 U	
VP-5-20	9/7/2012	17,000	13,000	6,800	540	40 U	
VP-5-20	3/7/2013	18,000	18,000	15,000	1,700	40 U	
VP-5-20	10/31/2013	15,000	12,000	15,000	1,100	40 U	
VP-5-20	3/10/2014	140	80 U	400 U	400 U	40 U	
VP-5-20	9/12/2014	1,800	140	400 U	400 U	40 U	
VP-5-20	3/2/2015	1,600	90	400 U	400 U	40 U	
VP-5-20	10/19/2015	1,300	150	400 U	400 U	40 U	
VP-5-20	1/18/2016	1,200	250	400 U	400 U	40 U	
VP-5-20 (DUP)	10/19/2015	1,100	130	400 U	400 U	40 U	
VP-5-30	7/25/2008	25,000	14,000	23,000	3,400	480	1,1,2,2-TCA = 3,000
VP-5-30	3/18/2011	16,000	13,000	4,000	730	40 U	
VP-5-30	9/15/2011	14,000	8,700	2,800	650	40 U	benzene = 210
VP-5-30	3/22/2012	15,000	9,400	5,500	820	40 U	
VP-5-30	9/7/2012	14,000	6,600	3,200	400	40 U	
VP-5-30	3/7/2013	12,000	6,400	3,700	490	40 U	
VP-5-30	10/31/2013	8,000	4,200	3,300	400 U	40 U	
VP-5-30	3/10/2014	190	80 U	400 U	400 U	40 U	

Table 7
Soil Vapor Analytical Results
January 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Soil Vapor Well (ft bgs)	Sample Date	EPA 8260					
		PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	VINYL CHLORIDE	OTHERS
Proposed Soil Gas Cleanup Goals 5 feet bgs (µg/m^3)		**42,000**	**15,000**	**47,000**	NA	**2,200**	
Proposed Soil Gas Cleanup Goals 10 feet bgs (µg/m^3)		**70,000**	**23,000**	**70,000**	NA	**3,200**	
Proposed Soil Gas Cleanup Goals 20 feet bgs (µg/m^3)		**125,000**	**40,000**	**116,000**	NA	**5,100**	
Proposed Soil Gas Cleanup Goals 30 feet bgs (µg/m^3)		**180,000**	**57,000**	**163,000**	NA	**7,100**	
VP-5-30	9/12/2014	200 U	200 U	1000 U	1000 U	100 U	
VP-5-30	3/2/2015	470	80 U	400 U	400 U	40 U	
VP-5-30	10/19/2015	1,200	160	400 U	400 U	40 U	
VP-5-30	1/18/2016	1,500	290	400 U	400 U	40 U	
VP-5-30 (DUP)	3/18/2011	15,000	13,000	4,000	720	40 U	
VP-5-30 (DUP)	9/15/2011	14,000	8,600	2,700	680	40 U	benzene = 320
VP-6-5	7/24/2008	**60,000**	4,000	1,700	400 U	200 U	
VP-6-5	3/17/2011	100 U	100 U	500 U	500 U	40 U	
VP-6-5	9/14/2011	9,000	440	500 U	500 U	40 U	
VP-6-5	3/21/2012	4,200	290	500 U	500 U	40 U	
VP-6-5	9/6/2012	5,300	230	400 U	400 U	40 U	
VP-6-5	3/6/2013	2,000	140	400 U	400 U	40 U	
VP-6-5	10/31/2013	4,600	270	400 U	400 U	40 U	
VP-6-5	3/10/2014	90	80 U	400 U	400 U	40 U	
VP-6-5	9/12/2014	150	80 U	400 U	400 U	40 U	
VP-6-5	3/2/2015	80 U	80 U	400 U	400 U	40 U	
VP-6-5	10/19/2015	510	80 U	400 U	400 U	40 U	
VP-6-5	1/18/2016	270	80 U	400 U	400 U	40 U	
VP-6-10	7/24/2008	54,000	5,500	3,600	400 U	200 U	
VP-6-10	3/17/2011	4,800	610	500 U	500 U	40 U	
VP-6-10	9/14/2011	15,000	1,000	500 U	500 U	40 U	
VP-6-10	3/21/2012	6,500	610	500 U	500 U	40 U	
VP-6-10	9/6/2012	4,900	220	400 U	400 U	40 U	
VP-6-10	3/6/2013	3,100	290	400 U	400 U	40 U	benzene = 90
VP-6-10	10/31/2013	8,200	400	400 U	400 U	40 U	
VP-6-10	3/10/2014	450	80 U	400 U	400 U	40 U	
VP-6-10	9/12/2014	530	80 U	400 U	400 U	40 U	
VP-6-10	3/2/2015	80 U	80 U	400 U	400 U	40 U	
VP-6-10	10/19/2015	1,200	100	400 U	400 U	40 U	
VP-6-10	1/18/2016	690	80 U	400 U	400 U	40 U	benzene = 80
VP-6-20	7/24/2008	58,000	6,700	22,000	1,900	200 U	
VP-6-20	3/17/2011	14,000	2,800	920	500 U	40 U	
VP-6-20	9/14/2011	17,000	1,600	500 U	500 U	40 U	
VP-6-20	3/21/2012	11,000	1,800	500 U	500 U	40 U	
VP-6-20	9/6/2012	2,600	190	400 U	400 U	40 U	
VP-6-20	3/6/2013	6,000	770	400 U	400 U	40 U	benzene = 90
VP-6-20	10/31/2013	8,600	610	400 U	400 U	40 U	
VP-6-20	3/10/2014	2,000	80	400 U	400 U	40 U	
VP-6-20	9/12/2014	3,000	90	400 U	400 U	40 U	
VP-6-20	3/2/2015	2,400	80	400 U	400 U	40 U	
VP-6-20	10/19/2015	2,100	150	400 U	400 U	40 U	
VP-6-20	1/18/2016	2,200	150	400 U	400 U	40 U	benzene = 80
VP-6-30	7/24/2008	91,000	9,200	33,000	2,500	200 U	
VP-6-30	3/17/2011	9,600	2,900	3,200	890	40 U	
VP-6-30	9/14/2011	11,000	1,400	500	500 U	40 U	
VP-6-30	3/21/2012	9,100	2,500	500 U	500 U	40 U	
VP-6-30	9/6/2012	4,200	290	400 U	400 U	40 U	
VP-6-30	3/6/2013	5,400	1,000	780	400 U	40 U	
VP-6-30	10/31/2013	6,200	490	400 U	400 U	40 U	
VP-6-30	3/10/2014	4,500	270	400 U	400 U	40 U	
VP-6-30	9/12/2014	1,100	80 U	400 U	400 U	40 U	
VP-6-30	3/2/2015	1,600	80 U	400 U	400 U	40 U	
VP-6-30	10/19/2015	2,200	120	400 U	400 U	40 U	

Table 7
Soil Vapor Analytical Results
January 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Soil Vapor Well (ft bgs)	Sample Date	EPA 8260					
		PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	VINYL CHLORIDE	OTHERS
Proposed Soil Gas Cleanup Goals 5 feet bgs (µg/m^3)		**42,000**	**15,000**	**47,000**	NA	**2,200**	
Proposed Soil Gas Cleanup Goals 10 feet bgs (µg/m^3)		**70,000**	**23,000**	**70,000**	NA	**3,200**	
Proposed Soil Gas Cleanup Goals 20 feet bgs (µg/m^3)		**125,000**	**40,000**	**116,000**	NA	**5,100**	
Proposed Soil Gas Cleanup Goals 30 feet bgs (µg/m^3)		**180,000**	**57,000**	**163,000**	NA	**7,100**	
VP-6-30	1/18/2016	2,100	160	400 U	400 U	40 U	
VP-6-30 (DUP)	1/18/2016	2,100	140	400 U	400 U	40 U	benzene = 80
VP-7-5	7/25/2008	36,000	760	800 U	800 U	400 U	
VP-7-5	3/18/2011	5,700	200	500 U	500 U	40 U	
VP-7-5	9/15/2011	11,000	770	2,700	500 U	40 U	benzene = 180
VP-7-5	3/22/2012	7,400	510	2,700	500 U	40 U	
VP-7-5	9/7/2012	9,600	360	400 U	400 U	40 U	
VP-7-5	3/7/2013	5,100	190	400 U	400 U	40 U	
VP-7-5	11/1/2013	8,800	280	400 U	400 U	40 U	
VP-7-5	3/10/2014	3,700	140	400 U	400 U	40 U	
VP-7-5	9/12/2014	6,200	270	400 U	400 U	40 U	
VP-7-5	3/2/2015	1,800	90	400 U	400 U	40 U	
VP-7-5	10/20/2015	3,300	210	400 U	400 U	40 U	
VP-7-10	7/25/2008	30,000	760	800 U	800 U	400 U	
VP-7-10	3/18/2011	4,600	100	500 U	500 U	40 U	
VP-7-10	9/15/2011	9,100	310	500 U	500 U	40 U	benzene = 230
VP-7-10	3/22/2012	7,200	290	500 U	500 U	40 U	
VP-7-10	9/7/2012	8,800	250	400 U	400 U	40 U	
VP-7-10	3/7/2013	4,800	120	400 U	400 U	40 U	
VP-7-10	11/1/2013	9,100	280	400 U	400 U	40 U	
VP-7-10	3/10/2014	2,300	80 U	400 U	400 U	40 U	
VP-7-10	9/12/2014	5,500	220	400 U	400 U	40 U	
VP-7-10	3/2/2015	1,200	80 U	400 U	400 U	40 U	
VP-7-10	10/20/2015	2,600	120	400 U	400 U	40 U	
VP-7-10 (DUP)	9/7/2012	8,100	280	400 U	400 U	40 U	
VP-7-20	7/25/2008	32,000	440	800 U	800 U	400 U	
VP-7-20	3/18/2011	11,000	100 U	500 U	500 U	40 U	
VP-7-20	9/15/2011	16,000	100 U	500 U	500 U	40 U	
VP-7-20	3/22/2012	12,000	100 U	500 U	500 U	40 U	
VP-7-20	9/7/2012	16,000	80 U	400 U	400 U	40 U	
VP-7-20	3/7/2013	11,000	80 U	400 U	400 U	40 U	
VP-7-20	11/1/2013	15,000	80 U	400 U	400 U	40 U	benzene = 90
VP-7-20	3/10/2014	2,900	80 U	400 U	400 U	40 U	
VP-7-20	9/12/2014	1,800	80 U	400 U	400 U	40 U	
VP-7-20	3/2/2015	870	80 U	400 U	400 U	40 U	
VP-7-20	10/20/2015	3,100	80 U	400 U	400 U	40 U	
VP-7-30	7/25/2008	48,000	680	800 U	800 U	400 U	
VP-7-30	3/18/2011	16,000	100 U	500 U	500 U	40 U	
VP-7-30	9/15/2011	12,000	100 U	500 U	500 U	40 U	
VP-7-30	3/22/2012	14,000	100 U	500 U	500 U	40 U	
VP-7-30	9/7/2012	9,400	80 U	400 U	400 U	40 U	
VP-7-30	3/7/2013	10,000	80 U	400 U	400 U	40 U	
VP-7-30	11/1/2013	13,000	80 U	400 U	400 U	40 U	
VP-7-30	3/10/2014	3,300	80 U	400 U	400 U	40 U	
VP-7-30	9/12/2014	2,500	80 U	400 U	400 U	40 U	
VP-7-30	3/3/2015	1,700	80 U	400 U	400 U	40 U	
VP-7-30	10/20/2015	3,400	80 U	400 U	400 U	40 U	

Table 7
Soil Vapor Analytical Results
January 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Soil Vapor Well (ft bgs)	Sample Date	EPA 8260					
		PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	VINYL CHLORIDE	OTHERS
Proposed Soil Gas Cleanup Goals 5 feet bgs (µg/m^3)		**42,000**	**15,000**	**47,000**	NA	**2,200**	
Proposed Soil Gas Cleanup Goals 10 feet bgs (µg/m^3)		**70,000**	**23,000**	**70,000**	NA	**3,200**	
Proposed Soil Gas Cleanup Goals 20 feet bgs (µg/m^3)		**125,000**	**40,000**	**116,000**	NA	**5,100**	
Proposed Soil Gas Cleanup Goals 30 feet bgs (µg/m^3)		**180,000**	**57,000**	**163,000**	NA	**7,100**	
VP-7-30 (DUP)	3/7/2013	10,000	80 U	400 U	400 U	40 U	
VP-7-30 (DUP)	3/3/2015	1,400	80 U	400 U	400 U	40 U	
VP-8-5	7/24/2008	**56,000**	6,600	24,000	1,900	100 U	1,1,2,2-TCA = 430
VP-8-5	3/18/2011	Well blocked, no samples obtained					
VP-8-5	9/14/2011	Well blocked, no samples obtained					
VP-8-5	3/21/2012	Well blocked, no samples obtained					
VP-8-5	9/7/2012	Well blocked, no samples obtained					
		VP-8 Abandoned October 25, 2013					
VP-8-20	7/24/2008	43,000	5,700	19,000	1,400	100 U	1,1,2,2-TCA = 570
VP-8-20	3/18/2011	Well blocked, no samples obtained					
VP-8-20	9/14/2011	Well blocked, no samples obtained					
VP-8-20	3/21/2012	Well blocked, no samples obtained					
VP-8-20	9/7/2012	Well blocked, no samples obtained					
		VP-8 Abandoned October 25, 2013					
VP-8-30	7/24/2008	3,400	240	200 U	200 U	100 U	
VP-8-30	3/18/2011	Well blocked, no samples obtained					
VP-8-30	9/14/2011	Well blocked, no samples obtained					
VP-8-30	3/21/2012	Well blocked, no samples obtained					
VP-8-30	9/7/2012	Well blocked, no samples obtained					
		VP-8 Abandoned October 25, 2013					
VP-8R-5	10/30/2013	270	80 U	400 U	400 U	40 U	
VP-8R-5	3/11/2014	400 U	80 U	400 U	400 U	40 U	
VP-8R-5	9/12/2014	570	140	400 U	400 U	40 U	
VP-8R-5	3/2/2015	80 U	80 U	400 U	400 U	40 U	
VP-8R-5	10/20/2015	80 U	80 U	400 U	400 U	40 U	
VP-8R-10	11/1/2013	170	80 U	400 U	400 U	40 U	
VP-8R-10	3/11/2014	80 U	80 U	400 U	400 U	40 U	
VP-8R-10	9/12/2014	210	80 U	400 U	400 U	40 U	
VP-8R-10	3/2/2015	80 U	80 U	400 U	400 U	40 U	
VP-8R-10	10/20/2015	80 U	80 U	400 U	400 U	40 U	
VP-8R-20	11/1/2013	850	80 U	400 U	400 U	40 U	
VP-8R-20	3/11/2014	290	80 U	400 U	400 U	40 U	
VP-8R-20	9/12/2014	390	80 U	400 U	400 U	40 U	
VP-8R-20	3/2/2015	280	80 U	400 U	400 U	40 U	
VP-8R-20	10/20/2015	250	80 U	400 U	400 U	40 U	
VP-8R-30	11/1/2013	1,300	80 U	400 U	400 U	40 U	
VP-8R-30	3/11/2014	420	80 U	400 U	400 U	40 U	
VP-8R-30	9/12/2014	250	80 U	400 U	400 U	40 U	
VP-8R-30	3/2/2015	110	80 U	400 U	400 U	40 U	
VP-8R-30	10/20/2015	220	80 U	400 U	400 U	40 U	
VP-8R-30 (DUP)	11/1/2013	1,200	80 U	400 U	400 U	40 U	
VP-8R-30 (DUP)	3/11/2014	330	80 U	400 U	400 U	40 U	
Soil Vapor Extraction Well Analytical Summary							

Table 7
Soil Vapor Analytical Results
January 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Soil Vapor Well (ft bgs)	Sample Date	EPA 8260					
		PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	VINYL CHLORIDE	OTHERS
Proposed Soil Gas Cleanup Goals 5 feet bgs (µg/m^3)		**42,000**	**15,000**	**47,000**	NA	**2,200**	
Proposed Soil Gas Cleanup Goals 10 feet bgs (µg/m^3)		**70,000**	**23,000**	**70,000**	NA	**3,200**	
Proposed Soil Gas Cleanup Goals 20 feet bgs (µg/m^3)		**125,000**	**40,000**	**116,000**	NA	**5,100**	
Proposed Soil Gas Cleanup Goals 30 feet bgs (µg/m^3)		**180,000**	**57,000**	**163,000**	NA	**7,100**	
SVE-1	10/28/2013	**510,000**	32,000	19,000	5,500	40 U	benzene = 90
SVE-1	3/10/2014	2,500	170	12	7.9 U	5.1 U	acetone = 25; bromodichloromethane = 17; chloroform = 41;
SVE-1	9/10/2014	3.4 U	2.7 U	2.0 U	2.0 U	1.3 U	acetone = 21; chloromethane = 1.4; dichlorodifluoromethane = 3.6;
SVE-1	3/4/2015	400	3.8	2.0 U	2.0 U	1.3 U	acetone = 5.8; chloroform = 13; dichlorodifluoromethane = 3.4; 4-ethyltoluene = 5.4; toluene = 2.9; 1,2,4-trimethylbenzene = 37; 1,3,5-trimethylbenzene = 7.3; o-xylene = 3.0;
SVE-2	10/28/2013	**2,100,000**	**54,000**	19,000	3,800	40 U	chloroform = 100; benzene = 120
SVE-2	3/10/2014	8,200	260	21	16 U	10 U	
SVE-2	9/10/2014	4,200	12	4.1	4.1 U	2.6 U	acetone = 25;
SVE-2	3/4/2015	2,300	7.0	2.6	2.0 U	1.3 U	acetone = 19;
SVE-3	10/28/2013	120,000	6,400	30,000	2,800	40 U	
SVE-3	3/10/2014	2,300	380	31	9.9 U	6.4 U	acetone = 48; benzene = 89; chloroform = 37; ethylbenzene = 29; toluene = 62
SVE-3	9/10/2014	830	19	2.3 U	2.3 U	1.5 U	acetone = 19; bromodichloromethane = 4.6; chloroform = 49; dichlorodifluoromethane = 3.9; toluene = 2.5; 1,1,1-TCA = 12;
SVE-3	3/4/2015	430	6.1	2.0 U	2.0 U	1.3 U	acetone = 6.1; benzene = 1.9; chloroform = 18; ethylbenzene = 3.3; 4-ethyltoluene = 3.1; 1,2,4-trimethylbenzene = 11; 1,3,5-trimethylbenzene = 3.3; p/m-xylene = 11;
SVE-4	10/28/2013	**970,000**	26,000	100,000	7,100	40 U	benzene = 110; chloroform = 100;
SVE-4	3/10/2014	16,000	7,300	1,600	79 U	51 U	
SVE-4	9/10/2014	22,000	2,700	590	79 U	51 U	
SVE-4	3/4/2015	11,000	390	100	20 U	13 U	
SVE-5	10/28/2013	**260,000**	6,300	48,000	4,100	40 U	benzene = 100
SVE-5	3/10/2014	8,100	7,200	870	40 U	26 U	2-butanone = 93, benzene = 46
SVE-5	9/10/2014	2,100	120	43	7.9 U	5.1 U	acetone = 25;
SVE-5	3/4/2015	180	13	2.0 U	2.0 U	1.3 U	
SVE-5 Rep.	10/28/2013	**270,000**	8,400	66,000	5,400	500 U	
SVE-6	10/28/2013	77,000	2,800	4,400	450	40 U	benzene = 180
SVE-6	3/10/2014	14	4.3	2.0 U	2.0 U	1.3 U	dichlorodifluoromethane = 3.0; toluene =
SVE-6	9/10/2014	160	4.1	2.0 U	2.0 U	1.3 U	chloromethane = 3.0; toluene = 4.7; 1,1,1-
SVE-6	3/4/2015	99	2.7 U	2.0 U	2.0 U	1.3 U	acetone = 14; chloroform = 19;
SVE-7	10/28/2013	73,000	11,000	13,000	1,100	40 U	
SVE-7	3/10/2014	13,000	15,000	2,200	44	26 U	benzene = 37; toluene = 50
SVE-7	9/10/2014	17,000	2,200	350	79 U	51 U	
SVE-7	3/4/2015	15,000	1,100	120	79 U	51 U	
SVE-8	10/28/2013	6,900	610	400 U	400 U	40 U	o-xylene = 410; m,p-xylene = 1,400;
SVE-8	3/10/2014	2,400	620	37	3.2 U	2.0 U	chloroform = 5.1; chloromethane = 1.8;
SVE-8	9/10/2014	620	27 U	20 U	20 U	13 U	
SVE-8	3/4/2015	870	19	5.0 U	5.0 U	3.2 U	
SVE-9	10/28/2013	89,000	**51,000**	77,000	4,100	40	benzene = 110

Table 7
Soil Vapor Analytical Results
January 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Soil Vapor Well (ft bgs)	Sample Date	EPA 8260					
		PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	VINYL CHLORIDE	OTHERS
Proposed Soil Gas Cleanup Goals 5 feet bgs (µg/m^3)		**42,000**	**15,000**	**47,000**	NA	**2,200**	
Proposed Soil Gas Cleanup Goals 10 feet bgs (µg/m^3)		**70,000**	**23,000**	**70,000**	NA	**3,200**	
Proposed Soil Gas Cleanup Goals 20 feet bgs (µg/m^3)		**125,000**	**40,000**	**116,000**	NA	**5,100**	
Proposed Soil Gas Cleanup Goals 30 feet bgs (µg/m^3)		**180,000**	**57,000**	**163,000**	NA	**7,100**	
SVE-9	3/10/2014	22,000	21,000	2,300	90	50 U	
SVE-9	9/10/2014	43,000	9,800	760	79 U	51 U	
SVE-9	3/4/2015	54,000	3,700	350	9.9 U	6.4 U	
SVE-10	10/28/2013	6,500	1,900	11,000	1,700	120	benzene = 110
SVE-10	3/10/2014	6,300	370	79	18	5.0	acetone = 51; chloroform = 13; dichlorodifluoromethane = 10; 1,1,2-trichloro-1,2,2-trifluoroethane = 57;
SVE-10	9/10/2014	4,000	210	130	9.3	9.7	acetone = 33; benzene = 2.0; chloroform = 9.0; chloromethane = 3.7; dichlorodifluoromethane = 5.7; toluene = 4.7; 1,1,1-TCA = 5.1;
SVE-10	3/4/2015	5,700	190	34	2.8	1.3 U	acetone = 14; chloroform = 6.4; dichlorodifluoromethane = 4.9; 1,1,1-trichloroethane = 4.9;
SVE-11	10/28/2013	45,000	**42,000**	**120,000**	8,000	160	benzene = 120
SVE-11	3/10/2014	2,300	130	59	4.5	4.9	acetone = 31; bromodichloromethane = 8.4; 2-butanone = 8.3; chloroform = 32; dichlorodifluoromethane = 5.3; 1,1,1-TCA = 5.9;
SVE-11	9/10/2014	2,800	120	7.4	4.9 U	3.2 U	acetone = 22; chloroform = 22; 1,1,1-TCA = 9.0;
SVE-11	3/4/2015	3,000	100	9.9 U	9.9 U	6.4 U	

Concentrations in bold print are above the proposed risk-based soil gas cleanup goals.
(Refer to *Calculation of Site-Specific Soil Gas Cleanup Goals* letter, dated February 26, 2015)

Notes:

*	Elevated vacumm encountered during sampling.
µg/m^3:	Micrograms per cubic meter
---:	Well not sampled due to damage or vacuum
U:	Non-detect at or below method detection limit for samples
E:	The concentration indicated for this anlayte is an estimated value above the calibration range of the instrument.
ft bgs:	Feet below ground surface
NE:	Not Established
R	Replacement vapor point
Concentration Units:	Laboratory analytical results were published in units of µg/L. Values on Table 4 have been converted to units of µg/m3.

TABLE 8
SVE SYSTEM: OPERATIONAL DATA
AmeriPride Services Inc.
3505 N. Pasadena Ave., Los Angeles, CA
Burns & McDonnell Project No. 89698

Well	Date	Wellhead Vacuum ("H_2O)	Manifold Vacuum ("H_2O)	Manifold Vacuum ("Hg)	Differential Pressure ("H_2O)	Flow Rate (scfm)	PID Reading (PPM, as Isobutylene)	PID Reading (PPM, as hexane)	Pre-Blower Temperature (°F)	Post-Blower Temperature (°F)	Grab Sample Collected? (Time Collected)
	12/4/2013	NA	-6.6	-0.49	0.60	42	130	559	63	89	No
	12/5/2013	-4.2	-7.4	-0.54	0.55	41	58.0	249	63	92	No
	12/6/2013	-4.7	-6.5	-0.48	0.55	41	11.0	47	63	91	No
	12/12/2013	-5.1	-7.7	-0.57	0.55	41	88.0	378	62	92	No
	12/20/2013	NA	-8.0	-0.59	0.55	41	94.1	405	62	90	No
	12/31/2013	NA	-9.9	-0.73	0.55	40	NA	NA	65	89	No
	1/6/2014	NA	-8.2	-0.61	0.45	37	NA	NA	61	82	No
	1/10/2014	-12.2	-8.0	-0.59	0.55	40	13.3	57	69	100	No
	1/24/2014	NA	-7.5	-0.55	0.55	40	NA	NA	68	98	No
	1/31/2014	NA	-7.6	-0.56	NA	NA	NA	NA	63	90	No
	2/7/2014	-6.1	-7.3	-0.54	0.70	46	38.6	166	69	94	No
	3/10/2014	-6.1	-8.4	-0.62	0.90	51	71.5	307	74	104	19:50
	4/1/2014	-3.7	-4.4	-0.32	0.50	39	34.1	147	64	93	No
	5/9/2014	-3.5	-4.2	-0.31	0.45	36	19.5	84	81	99	No
	6/11/2014	NA	NA	NA	NA	NA	NA	NA	NA	NA	No
	7/3/2014	-3.9	-4.1	-0.30	0.40	34	18.2	78	80	111	No
	8/1/2014	-3.9	-3.5	-0.26	0.35	32	11.7	50	91	128	No
	9/10/2014	-3.7	-3.6	-0.26	0.25	27	13.4	58	89	126	18:24
SVE-1	10/10/2014	-4.5	-4.9	-0.36	0.29	29	4.9	21	82	102	No
	11/5/2014	-3.2	-3.4	-0.25	0.25	27	11.3	49	80	122	No
	11/5/2014	---	---	---	---	---	---	---	---	---	---
	12/8/2014	---	---	---	---	---	---	---	---	---	---
	12/8/2014	-2.8	-3.0	-0.22	0.15	21	13.1	56	70	122	No
	1/6/2015	-3.6	-3.0	-0.22	0.25	27	4.5	19	70	112	No
	2/4/2015	-3.7	-4.0	-0.30	0.20	24	7.8	34	70	112	No
	2/4/2015	---	---	---	---	---	---	---	---	---	---
	3/4/2015	---	---	---	---	---	---	---	---	---	---
	3/4/2015	-3.3	-3.3	-0.24	0.25	27	5.9	25	70	111	13:08
	3/4/2015	-2.8	-3.0	-0.22	0.25	27	5.2	22	70	111	No
	4/1/2015	-2.8	-3.0	-0.22	0.25	27	9.7	42	74	119	No
	4/1/2015	---	---	---	---	---	---	---	---	---	---
	5/6/2015	---	---	---	---	---	---	---	---	---	---
	5/19/2015	-2.7	-3.0	-0.22	0.20	24	9.9	43	76	108	No
	6/1/2015	-1.7	-3.0	-0.22	0.30	30	3.9	17	76	120	No
	6/1/2015	---	---	---	---	---	---	---	---	---	---
	7/7/2015	---	---	---	---	---	---	---	---	---	---
	12/4/2013	-3.7	-6.1	-0.45	0.75	48	666	2864	63	89	No
	12/5/2013	-3.5	-7.0	-0.51	0.70	46	404	1737	63	92	No
	12/6/2013	-4.0	-6.8	-0.50	0.85	51	113	486	63	91	No
	12/12/2013	-4.3	-7.6	-0.56	0.90	52	217	933	62	92	No
	12/20/2013	NA	-8.5	-0.62	0.95	53	192	826	62	90	No
	12/31/2013	NA	-9.9	-0.73	0.90	52	NA	NA	65	89	No
	1/6/2014	NA	-8.6	-0.63	0.75	47	NA	NA	61	82	No
	1/10/2014	-10.9	-7.8	-0.57	0.90	52	19.8	85	69	100	No
	1/24/2014	NA	-7.1	-0.52	0.70	46	NA	NA	68	98	No
	1/31/2014	NA	-7.7	-0.57	NA	NA	NA	NA	63	90	No
	2/7/2014	-4.5	-7.2	-0.53	0.85	50	152	654	69	94	No
	3/10/2014	-8.9	-8.3	-0.61	1.05	55	96.6	415	74	104	19:42
	4/1/2014	-4.0	-6.0	-0.44	0.85	51	28.5	123	64	93	No
	5/9/2014	-3.1	-5.0	-0.37	0.70	45	20.1	86	81	99	No
	6/11/2014	-3.3	-3.4	-0.25	1.05	55	41.7	179	82	122	No
	7/3/2014	-2.4	-4.0	-0.29	0.55	40	18.6	80	80	111	No
	8/1/2014	-2.3	-3.7	-0.27	0.55	40	12.8	55	91	128	No
	9/10/2014	-2.2	-3.6	-0.27	0.55	40	14.1	61	89	126	18:12
SVE-2	10/10/2014	-2.2	-3.7	-0.27	0.39	34	5.8	25	82	102	No
	11/5/2014	-2.1	-3.6	-0.26	0.45	36	2.5	11	80	122	No
	11/5/2014	-2.7	-4.0	-0.29	0.55	40	24.0	103	72	112	No
	12/8/2014	-2.3	-4.0	-0.29	0.55	41	13.5	58	69	116	No
	12/8/2014	---	---	---	---	---	---	---	---	---	---
	1/6/2015	---	---	---	---	---	---	---	---	---	---
	2/4/2015	---	---	---	---	---	---	---	---	---	---
	2/4/2015	-2.3	-5.0	-0.37	0.55	41	11	47	69	111	No
	3/4/2015	-2.8	-5.3	-0.39	0.65	44	8.1	35	69	110	No
	3/4/2015	-2.0	-3.0	-0.22	0.35	32	7.8	34	70	111	13:28
	3/4/2015	---	---	---	---	---	---	---	---	---	---
	4/1/2015	---	---	---	---	---	---	---	---	---	---
	4/1/2015	-1.9	-5.3	-0.39	0.50	39	4.2	18	72	117	No
	5/6/2015	-2.7	-5.3	-0.39	0.85	50	7.3	31	70	111	No
	5/19/2015	---	---	---	---	---	---	---	---	---	---
	6/1/2015	---	---	---	---	---	---	---	---	---	---
	6/1/2015	-2.7	-5.3	-0.39	0.80	48	11.2	48	78	120	No
	7/7/2015	-2.6	-5.1	-0.38	0.80	48	13.5	58	84	121	No

TABLE 8
SVE SYSTEM: OPERATIONAL DATA
AmeriPride Services Inc.
3505 N. Pasadena Ave., Los Angeles, CA
Burns & McDonnell Project No. 89698

	12/4/2013	-2.5	-3.6	-0.26	0.55	41	97.0	417	63	89	No
	12/5/2013	-2.2	-4.9	-0.36	0.45	37	54.1	233	63	92	No
	12/6/2013	-1.7	-2.3	-0.17	0.25	28	29.1	125	63	91	No
	12/12/2013	-1.5	-2.3	-0.17	0.25	28	25.7	111	62	92	No
	12/20/2013	NA	-3.0	-0.22	0.30	30	31.6	136	62	90	No
	12/31/2013	NA	-3.2	-0.23	0.30	30	NA	NA	65	89	No
	1/6/2014	NA	-3.8	-0.28	0.40	35	NA	NA	61	82	No
	1/10/2014	-2.9	-2.3	-0.17	0.25	27	4.7	20	69	100	No
	1/24/2014	NA	-5.1	-0.38	0.45	37	NA	NA	68	98	No
	1/31/2014	NA	-4.7	-0.35	NA	NA	NA	NA	63	90	No
	2/7/2014	-2.4	-4.8	-0.36	0.55	41	34.7	149	69	94	No
	3/10/2014	-2.9	-5.0	-0.37	0.75	47	74.1	319	74	104	19:34
	4/1/2014	-2.9	-4.5	-0.33	0.65	44	28.9	124	64	93	No
	5/9/2014	-2.5	-4.0	-0.29	0.50	38	13.6	58	81	99	No
	6/11/2014	-2.8	-4.1	-0.30	0.60	42	22.1	95	82	122	No
	7/3/2014	-2.6	-4.0	-0.29	0.60	42	37.0	159	80	111	No
	8/1/2014	-2.5	-2.8	-0.21	0.60	42	15.5	67	91	128	No
	9/10/2014	-2.0	-2.7	-0.20	0.35	32	13.9	60	89	126	18:00
SVE-3	10/10/2014	-1.9	-2.8	-0.20	0.29	29	7.2	31	82	102	No
	11/5/2014	-2.2	-3.6	-0.26	0.50	38	11.8	51	80	122	No
	11/5/2014	-3.0	-3.0	-0.22	0.40	35	9.7	42	72	112	No
	12/8/2014	-2.1	-3.0	-0.22	0.35	32	10.5	45	69	116	No
	12/8/2014	---	---	---	---	---	---	---	---	---	---
	1/6/2015	---	---	---	---	---	---	---	---	---	---
	2/4/2015	---	---	---	---	---	---	---	---	---	---
	2/4/2015	-2.4	-4.0	-0.29	0.50	39	17.5	75	69	111	No
	3/4/2015	-2.5	-4.3	-0.31	0.50	39	5.1	22	69	110	No
	3/4/2015	-2.1	-3.0	-0.22	0.40	35	6.2	27	70	111	13:18
	3/4/2015	---	---	---	---	---	---	---	---	---	---
	4/1/2015	---	---	---	---	---	---	---	---	---	---
	4/1/2015	-2.3	-4.3	-0.31	0.55	40	3.3	14	72	117	No
	5/6/2015	-2.4	-4.3	-0.31	0.65	44	3.8	16	70	111	No
	5/19/2015	---	---	---	---	---	---	---	---	---	---
	6/1/2015	---	---	---	---	---	---	---	---	---	---
	6/1/2015	-2.6	-4.3	-0.31	0.70	45	6.9	30	78	120	No
	7/7/2015	-2.6	-4.3	-0.31	0.70	45	9.1	39	84	121	No
	12/4/2013	-3.5	-5.5	-0.40	0.75	48	517	2223	63	89	No
	12/5/2013	-3.6	-6.5	-0.48	0.65	44	66	284	63	92	No
	12/6/2013	-3.5	-5.6	-0.41	0.80	49	153	658	63	91	No
	12/12/2013	-3.8	-6.6	-0.49	0.95	53	206	886	62	92	No
	12/20/2013	NA	-7.4	-0.55	0.90	52	227	976	62	90	No
	12/31/2013	NA	-9.0	-0.66	0.90	52	NA	NA	65	89	No
	1/6/2014	NA	-8.0	-0.59	0.80	49	NA	NA	61	82	No
	1/10/2014	-9.7	-6.7	-0.50	0.95	53	95.6	411	69	100	No
	1/24/2014	NA	-6.5	-0.48	0.65	44	NA	NA	68	98	No
	1/31/2014	NA	-7.1	-0.52	NA	NA	NA	NA	63	90	No
	2/7/2014	-4.0	-6.4	-0.47	0.60	42	138	593	69	94	No
	3/10/2014	-4.3	-6.0	-0.44	0.60	42	136	585	74	104	19:26
	4/1/2014	-4.3	-5.6	-0.41	0.55	41	117	503	64	93	No
	5/9/2014	-3.3	-4.9	-0.36	0.70	45	187	804	81	99	No
	6/11/2014	-3.9	-5.3	-0.39	0.75	47	81.6	351	82	122	No
	7/3/2014	-3.2	-4.9	-0.36	0.70	45	69.0	297	80	111	No
	8/1/2014	-3.1	-4.3	-0.32	0.70	45	34.4	148	91	128	No
	9/10/2014	-3.0	-4.3	-0.32	0.60	42	42.7	184	89	126	18:36
SVE-4	10/10/2014	-2.8	-4.2	-0.31	0.44	36	42.6	183	82	102	No
	11/5/2014	-2.7	-4.0	-0.29	0.50	38	87.9	378	80	122	No
	11/5/2014	-3.0	-7.3	-0.54	1.15	58	131.2	564	72	112	No
	12/8/2014	-4.4	-7.4	-0.55	1.10	57	96.8	416	69	116	No
	12/8/2014	-5.4	-9.3	-0.68	1.70	71	144	617	70	122	No
	1/6/2015	-5.9	-9.3	-0.69	1.95	76	54.2	233	70	112	No
	2/4/2015	-5.6	-8.6	-0.63	1.35	63	50.8	218	70	112	No
	2/4/2015	-4.2	-6.5	-0.48	1.05	56	60.6	261	69	111	No
	3/4/2015	-3.7	-5.9	-0.44	0.75	47	78.9	339	69	110	No
	3/4/2015	-3.2	-4.7	-0.34	0.55	40	89.5	385	70	111	13:48
	3/4/2015	-5.7	-9.9	-0.73	1.85	74	67.1	289	70	111	No
	4/1/2015	-5.1	-9.0	-0.66	1.65	69	56.4	243	74	119	No
	4/1/2015	-3.6	-4.9	-0.36	0.90	52	54.1	233	72	117	No
	5/6/2015	-3.3	-5.7	-0.42	0.80	49	103.5	445	70	111	No
	5/19/2015	-4.9	-9.0	-0.66	1.80	72	88.1	379	76	108	No
	6/1/2015	-4.9	-9.2	-0.68	1.90	74	25.0	108	76	120	No
	6/1/2015	-3.1	-4.9	-0.36	0.75	47	40.2	173	78	120	No
	7/7/2015	-2.9	-4.5	-0.33	0.70	45	44.9	193	84	121	No

TABLE 8
SVE SYSTEM: OPERATIONAL DATA
AmeriPride Services Inc.
3505 N. Pasadena Ave., Los Angeles, CA
Burns & McDonnell Project No. 89698

	12/4/2013	-3.5	-5.4	-0.40	0.55	41	138	593	63	89	No
	12/5/2013	-3.3	-6.3	-0.46	0.55	41	110	473	63	92	No
	12/6/2013	-3.7	-6.2	-0.46	0.60	42	71.0	305	63	91	No
	12/12/2013	-4.0	-6.6	-0.49	0.65	44	112	482	62	92	No
	12/20/2013	NA	-7.4	-0.54	0.65	44	121	520	62	90	No
	12/31/2013	NA	-8.3	-0.61	0.65	44	NA	NA	65	89	No
	1/6/2014	NA	-7.5	-0.55	0.55	41	NA	NA	61	82	No
	1/10/2014	-8.7	-6.6	-0.48	0.65	44	19.6	84	69	100	No
	1/24/2014	NA	-6.5	-0.48	0.75	47	NA	NA	68	98	No
	1/31/2014	NA	-6.7	-0.49	NA	NA	NA	NA	63	90	No
	2/7/2014	-2.5	-6.3	-0.47	0.50	39	62.0	267	69	94	No
	3/10/2014	-0.4	-7.7	-0.57	0.20	24	59.9	258	74	104	19:18
	4/1/2014	-5.4	-5.5	-0.40	0.65	44	26.0	112	64	93	No
	5/9/2014	-3.0	-5.1	-0.37	0.65	44	61.1	263	81	99	No
	6/11/2014	-3.3	-5.1	-0.38	0.70	45	78.9	339	82	122	No
	7/3/2014	-3.1	-4.7	-0.35	0.50	38	36.8	158	80	111	No
	8/1/2014	-3.0	-4.6	-0.34	0.50	38	22.2	95	91	128	No
	9/10/2014	-2.7	-4.0	-0.29	0.40	34	28.1	121	89	126	18:48
SVE-5	10/10/2014	-2.6	-3.9	-0.29	0.29	29	11.9	51	82	102	No
	11/5/2014	-2.5	-3.8	-0.28	0.35	32	26.8	115	80	122	No
	11/5/2014	---	---	---	---	---	---	---	---	---	---
	12/8/2014	---	---	---	---	---	---	---	---	---	---
	12/8/2014	-2.7	-4.0	-0.30	0.40	35	33.7	145	70	122	No
	1/6/2015	-3.0	-4.0	-0.30	0.45	37	2.6	11	70	112	No
	2/4/2015	-3.2	-5.0	-0.37	0.50	39	4.2	18	70	112	No
	2/4/2015	---	---	---	---	---	---	---	---	---	---
	3/4/2015	---	---	---	---	---	---	---	---	---	---
	3/4/2015	-2.6	-3.8	-0.28	0.35	32	6.0	26	70	111	13:13
	3/4/2015	-2.6	-4.0	-0.30	0.45	37	11.8	51	70	111	No
	4/1/2015	-2.7	-4.0	-0.30	0.40	34	7.7	33	74	119	No
	4/1/2015	---	---	---	---	---	---	---	---	---	---
	5/6/2015	---	---	---	---	---	---	---	---	---	---
	5/19/2015	-2.7	-4.0	-0.29	0.40	34	14.7	63	76	108	No
	6/1/2015	-2.7	-4.0	-0.30	0.45	36	6.2	27	76	120	No
	6/1/2015	---	---	---	---	---	---	---	---	---	---
	7/7/2015	---	---	---	---	---	---	---	---	---	---
	12/4/2013	-1.9	-2.0	-0.15	0.15	21	30.9	133	63	89	No
	12/5/2013	-1.8	-2.4	-0.18	0.02	8	24.0	103	63	92	No
	12/6/2013	-1.6	-2.0	-0.15	0.10	17	18.5	80	63	91	No
	12/12/2013	-2.2	-1.7	-0.13	0.10	17	32.2	138	62	92	No
	12/20/2013	NA	-4.2	-0.31	0.20	25	49.6	213	62	90	No
	12/31/2013	NA	-4.8	-0.35	0.20	25	NA	NA	65	89	No
	1/6/2014	NA	-4.0	-0.29	0.30	30	NA	NA	61	82	No
	1/10/2014	-3.4	-1.8	-0.13	0.20	25	9.8	42	69	100	No
	1/24/2014	NA	-2.5	-0.18	0.30	30	NA	NA	68	98	No
	1/31/2014	NA	-2.5	-0.19	NA	NA	NA	NA	63	90	No
	2/7/2014	-1.8	-2.3	-0.17	0.20	25	34.0	146	69	94	No
	3/10/2014	-1.7	-2.3	-0.17	0.25	27	88.0	378	74	104	19:10
	4/1/2014	-2.0	-2.3	-0.17	0.25	28	43.2	186	64	93	No
	5/9/2014	-1.9	-2.0	-0.15	0.25	27	19.1	82.1	81	99	No
	6/11/2014	-2.1	-2.3	-0.17	0.25	27	12.5	53.8	82	122	No
	7/3/2014	-1.8	-2.1	-0.16	0.10	17	36.2	156	80	111	No
	8/1/2014	-1.7	-2.1	-0.15	0.10	17	38.0	163	91	128	No
	9/10/2014	-1.8	-2.1	-0.15	0.25	27	35.4	152	89	126	17:48
SVE-6	10/10/2014	-1.8	-2.1	-0.15	0.22	25	12.7	55	82	102	No
	11/5/2014	-1.8	-2.1	-0.16	0.10	17	2.0	8.6	80	122	No
	11/5/2014	---	---	---	---	---	---	---	---	---	---
	12/8/2014	---	---	---	---	---	---	---	---	---	---
	12/8/2014	-2.4	-3.0	-0.22	0.20	24	5.0	22	70	122	No
	1/6/2015	-2.6	-3.0	-0.22	0.25	27	10.3	44	70	112	No
	2/4/2015	-3.1	-4.0	-0.30	0.30	30	8.1	35	70	112	No
	2/4/2015	---	---	---	---	---	---	---	---	---	---
	3/4/2015	---	---	---	---	---	---	---	---	---	---
	3/4/2015	-1.8	-2.0	-0.15	0.15	21	7.3	31	70	111	13:23
	3/4/2015	-2.4	-3.0	-0.22	0.30	30	19.0	82	70	111	No
	4/1/2015	-2.4	-3.0	-0.22	0.25	27	2.6	11	74	119	No
	4/1/2015	---	---	---	---	---	---	---	---	---	---
	5/6/2015	---	---	---	---	---	---	---	---	---	---
	5/19/2015	-2.4	-3.0	-0.22	0.25	27	18.3	79	76	108	No
	6/1/2015	-2.4	-3.0	-0.22	0.25	27	17.8	77	76	120	No
	6/1/2015	---	---	---	---	---	---	---	---	---	---
	7/7/2015	---	---	---	---	---	---	---	---	---	---

TABLE 8
SVE SYSTEM: OPERATIONAL DATA
AmeriPride Services Inc.
3505 N. Pasadena Ave., Los Angeles, CA
Burns & McDonnell Project No. 89698

	12/4/2013	-2.5	-3.2	-0.24	0.30	30	109	469	63	89	No
	12/5/2013	-2.4	-4.2	-0.31	0.35	33	143	615	63	92	No
	12/6/2013	-2.2	-3.2	-0.24	0.30	30	143	615	63	91	No
	12/12/2013	-2.8	-4.6	-0.34	0.30	30	307	1320	62	92	No
	12/20/2013	NA	-8.0	-0.59	0.30	30	288	1238	62	90	No
	12/31/2013	NA	-5.2	-0.38	0.30	30	NA	NA	65	89	No
	1/6/2014	NA	-4.8	-0.36	0.25	28	NA	NA	61	82	No
	1/10/2014	-6.3	-4.6	-0.34	0.30	30	121	520	69	100	No
	1/24/2014	NA	-4.3	-0.31	0.35	32	NA	NA	68	98	No
	1/31/2014	NA	-4.6	-0.34	NA	NA	NA	NA	63	90	No
	2/7/2014	-3.5	-5.2	-0.38	0.55	41	120	516	69	94	No
	3/10/2014	-3.0	-4.4	-0.32	0.50	38	161	692	74	104	19:02
	4/1/2014	-3.2	-4.8	-0.35	0.55	41	81.0	348	64	93	No
	5/9/2014	-3.1	-4.6	-0.34	0.65	44	69.4	298	81	99	No
	6/11/2014	-3.2	-4.9	-0.36	0.65	44	72.2	310	82	122	No
	7/3/2014	-3.1	-4.4	-0.33	0.55	40	58.8	253	80	111	No
	8/1/2014	-2.9	-4.3	-0.32	0.55	40	84.8	365	91	128	No
	9/10/2014	-2.7	-3.8	-0.28	0.45	36	90.7	390	89	126	19:00
SVE-7	10/10/2014	-2.7	-3.8	-0.28	0.41	35	100	430	82	102	No
	11/5/2014	-2.5	-3.6	-0.27	0.35	32	187	806	80	122	No
	11/5/2014	-2.9	-7.1	-0.52	0.95	53	204	877	72	112	No
	12/8/2014	-4.2	-7.0	-0.51	0.95	53	192	826	69	116	No
	12/8/2014	-4.9	-8.7	-0.64	1.35	63	214	919	70	122	No
	1/6/2015	-4.8	-8.7	-0.64	1.40	64	156	671	70	112	No
	2/4/2015	-5.0	-7.9	-0.58	1.10	57	165	709	70	112	No
	2/4/2015	-3.9	-6.5	-0.47	0.85	50	130	557	69	111	No
	3/4/2015	-3.9	-5.7	-0.42	0.70	46	204	876	69	110	No
	3/4/2015	-2.9	-4.3	-0.31	0.45	37	185	795	70	111	13:58
	3/4/2015	-5.2	-9.3	-0.68	1.45	65	156	669	70	111	No
	4/1/2015	-5.0	-8.4	-0.61	1.25	61	160	686	74	119	No
	4/1/2015	-3.6	-5.7	-0.42	0.75	47	157	673	72	117	No
	5/6/2015	-3.0	-5.7	-0.42	0.70	46	171	734	70	111	No
	5/19/2015	-4.8	-8.4	-0.62	1.45	65	179	770	76	108	No
	6/1/2015	-5.0	-8.6	-0.63	1.45	65	71	303	76	120	No
	6/1/2015	-3.1	-4.6	-0.34	0.55	40	80	345	78	120	No
	7/7/2015	-2.8	-4.4	-0.33	0.55	40	97	417	84	121	No
	12/4/2013	-1.2	-1.2	-0.09	0.10	17	11.8	51	63	89	No
	12/5/2013	-1.2	-1.5	-0.11	0.15	21	21.2	91	63	92	No
	12/6/2013	-1.1	-1.6	-0.12	0.10	17	29.7	128	63	91	No
	12/12/2013	-1.2	-1.5	-0.11	0.10	17	45.9	197	62	92	No
	12/20/2013	NA	-5.9	-0.43	0.20	25	60.7	261	62	90	No
	12/31/2013	NA	-3.7	-0.27	0.20	25	NA	NA	65	89	No
	1/6/2014	NA	-3.2	-0.24	0.20	25	NA	NA	61	82	No
	1/10/2014	-1.3	-1.6	-0.11	0.20	25	22.8	98	69	100	No
	1/24/2014	NA	-1.6	-0.12	0.20	25	NA	NA	68	98	No
	1/31/2014	NA	-2.2	-0.16	NA	NA	NA	NA	63	90	No
	2/7/2014	-1.3	-1.6	-0.11	0.20	25	16.9	73	69	94	No
	3/10/2014	-1.2	-1.5	-0.11	0.20	24	44.1	190	74	104	18:54
	4/1/2014	-1.1	-1.5	-0.11	0.20	25	8.8	38	64	93	No
	5/9/2014	-1.5	-1.4	-0.10	0.20	24	12.6	54	81	99	No
	6/11/2014	-0.3	-1.7	-0.12	0.15	21	37.1	160	82	122	No
	7/3/2014	-1.3	-1.6	-0.11	0.10	17	23.2	100	80	111	No
	8/1/2014	-1.2	-1.5	-0.11	0.15	21	36.6	157	91	128	No
	9/10/2014	-1.3	-1.6	-0.12	0.15	21	29.4	126	89	126	17:36
SVE-8	10/10/2014	-1.3	-1.7	-0.12	0.17	22	26.4	114	82	102	No
	11/5/2014	-1.8	-1.5	-0.11	0.10	17	8.0	34	80	122	No
	11/5/2014	-2.4	-3.0	-0.22	0.30	30	20.9	90	72	112	No
	12/8/2014	-2.1	-3.0	-0.22	0.35	32	29.2	126	69	116	No
	12/8/2014	---	---	---	---	---	---	---	---	---	---
	1/6/2015	---	---	---	---	---	---	---	---	---	---
	2/4/2015	---	---	---	---	---	---	---	---	---	---
	2/4/2015	-2.7	-4.0	-0.30	0.30	30	7.2	31	69	111	No
	3/4/2015	-2.4	-4.3	-0.31	0.40	35	30.0	129	69	110	No
	3/4/2015	-1.2	-1.5	-0.11	0.15	21	22.5	97	70	111	13:38
	3/4/2015	---	---	---	---	---	---	---	---	---	---
	4/1/2015	---	---	---	---	---	---	---	---	---	---
	4/1/2015	-2.2	-4.3	-0.31	0.45	37	4.7	20	72	117	No
	5/6/2015	-2.3	-4.3	-0.31	0.45	37	35.6	153	70	111	No
	5/19/2015	---	---	---	---	---	---	---	---	---	---
	6/1/2015	---	---	---	---	---	---	---	---	---	---
	6/1/2015	-2.2	-4.3	-0.31	0.40	34	15.1	65	78	120	No
	7/7/2015	-2.5	-4.3	-0.31	0.50	38	14.7	63	84	121	No

TABLE 8
SVE SYSTEM: OPERATIONAL DATA
AmeriPride Services Inc.
3505 N. Pasadena Ave., Los Angeles, CA
Burns & McDonnell Project No. 89698

	12/4/2013	-4.1	-5.2	-0.38	0.30	30	127	546	63	89	No
	12/5/2013	-4.0	-6.1	-0.45	0.35	32	228	980	63	92	No
	12/6/2013	-3.5	-5.1	-0.38	0.35	32	190	817	63	91	No
	12/12/2013	-3.1	-5.6	-0.41	0.30	30	197	847	62	92	No
	12/20/2013	NA	-7.9	-0.58	0.40	35	184	791	62	90	No
	12/31/2013	NA	-6.7	-0.49	0.40	35	NA	NA	65	89	No
	1/6/2014	NA	-6.3	-0.46	0.35	33	NA	NA	61	82	No
	1/10/2014	-0.56	-7.9	-0.58	0.65	44	29.9	129	69	100	No
	1/24/2014	NA	-6.2	-0.46	0.45	37	NA	NA	68	98	No
	1/31/2014	NA	-6.1	-0.45	NA	NA	NA	NA	63	90	No
	2/7/2014	-4.2	-6.0	-0.44	0.30	30	125	538	69	94	No
	3/10/2014	-5.1	-7.5	-0.55	0.65	44	156	671	74	104	18:46
	4/1/2014	-4.7	-5.4	-0.40	0.70	46	16.6	71	64	93	No
	5/9/2014	-1.0	-4.6	-0.34	0.60	42	38.9	167	81	99	No
	6/11/2014	-7.1	-4.9	-0.36	0.60	42	60.6	261	82	122	No
	7/3/2014	-1.2	-4.3	-0.31	0.45	36	42.5	183	80	111	No
	8/1/2014	-1.2	-4.2	-0.31	0.45	36	77.7	334	91	128	No
	9/10/2014	-1.2	-3.9	-0.28	0.35	32	91.3	393	89	126	19:12
SVE-9	10/10/2014	-1.3	-3.8	-0.28	0.40	34	81.8	352	82	102	No
	11/5/2014	-2.3	-4.0	-0.29	0.30	30	34.4	148	80	122	No
	11/5/2014	-2.6	-7.0	-0.51	0.70	45	61.4	264	72	112	No
	12/8/2014	-4.4	-6.8	-0.50	0.55	40	63.1	271	69	116	No
	12/8/2014	-5.4	-8.6	-0.64	0.80	49	64.4	277	70	122	No
	1/6/2015	-3.7	-8.6	-0.64	0.90	52	72.6	312	70	112	No
	2/4/2015	-3.5	-7.8	-0.58	0.95	53	118.7	510	70	112	No
	2/4/2015	-3.7	-6.2	-0.46	0.70	46	120.4	518	69	111	No
	3/4/2015	-3.4	-5.6	-0.41	0.55	40	47.9	206	69	110	No
	3/4/2015	-2.7	-4.2	-0.31	0.40	35	93.6	402	70	111	13:53
	3/4/2015	-5.1	-9.3	-0.68	1.10	57	74.6	321	70	111	No
	4/1/2015	-4.4	-8.2	-0.60	1.10	57	100.6	433	74	119	No
	4/1/2015	-3.1	-5.6	-0.41	0.65	44	150.1	645	72	117	No
	5/6/2015	-2.9	-5.6	-0.41	0.50	39	121.3	522	70	111	No
	5/19/2015	-4.1	-8.3	-0.61	1.25	60	55.8	240	76	108	No
	6/1/2015	-4.9	-8.5	-0.62	1.25	60	45.5	196	76	120	No
	6/1/2015	-3.6	-4.5	-0.33	0.55	40	39.8	171	78	120	No
	7/7/2015	-2.4	-4.3	-0.32	0.45	36	52.6	226	84	121	No
	12/4/2013	-0.80	-1.0	-0.07	0.10	17	34.1	147	63	89	No
	12/5/2013	0.80	-1.0	-0.07	0.15	21	66.2	285	63	92	No
	12/6/2013	-0.70	-1.1	-0.081	0.10	17	73.6	316	63	91	No
	12/12/2013	-0.70	-1.0	-0.074	0.10	17	285	1226	62	92	No
	12/20/2013	NA	-3.5	-0.26	0.20	25	277	1191	62	90	No
	12/31/2013	NA	-2.4	-0.18	0.20	25	NA	NA	65	89	No
	1/6/2014	NA	-2.7	-0.20	0.30	30	NA	NA	61	82	No
	1/10/2014	-0.90	-1.1	-0.08	0.20	25	30.9	133	69	100	No
	1/24/2014	NA	-1.2	-0.09	0.20	25	NA	NA	68	98	No
	1/31/2014	NA	-1.0	-0.07	NA	NA	NA	NA	63	90	No
	2/7/2014	-0.90	-1.2	-0.09	0.15	21	21.5	92.5	69	94	No
	3/10/2014	-1.3	-0.88	-0.06	0.10	17	69.0	297	74	104	18:38
	4/1/2014	-1.3	-2.2	-0.16	0.20	25	8.6	37	64	93	No
	5/9/2014	-1.8	-2.0	-0.15	0.20	24	10.3	44	81	99	No
	6/11/2014	-1.5	-2.0	-0.15	0.30	30	12.3	53	82	122	No
	7/3/2014	-1.3	-2.0	-0.15	0.20	24	17.5	75	80	111	No
	8/1/2014	-1.2	-2.0	-0.15	0.25	27	14.0	60	91	128	No
	9/10/2014	-1.2	-2.0	-0.15	0.25	27	12.6	54	89	126	17:24
SVE-10	10/10/2014	-1.2	-2.1	-0.15	0.22	25	28.2	121	82	102	No
	11/5/2014	-1.2	-2.0	-0.15	0.20	24	21.6	93	80	122	No
	11/5/2014	---	---	---	---	---	---	---	---	---	---
	12/8/2014	---	---	---	---	---	---	---	---	---	---
	12/8/2014	-1.7	-3.0	-0.22	0.40	35	16.0	69	70	122	No
	1/6/2015	-1.5	-3.0	-0.22	0.35	32	25.7	111	70	112	No
	2/4/2015	-2.6	-4.0	-0.30	0.55	41	34.1	147	70	112	No
	2/4/2015	---	---	---	---	---	---	---	---	---	---
	3/4/2015	---	---	---	---	---	---	---	---	---	---
	3/4/2015	-1.2	-2.0	-0.15	0.20	24	17.0	73	70	111	13:33
	3/4/2015	-1.4	-3.0	-0.22	0.50	39	6.9	30	70	111	No
	4/1/2015	-1.6	-3.0	-0.22	0.40	34	25.8	111	74	119	No
	4/1/2015	---	---	---	---	---	---	---	---	---	---
	5/6/2015	---	---	---	---	---	---	---	---	---	---
	5/19/2015	-1.6	-3.0	-0.22	0.40	34	13.6	58	76	108	No
	6/1/2015	-1.4	-3.0	-0.22	0.30	30	11.8	51	76	120	No
	6/1/2015	---	---	---	---	---	---	---	---	---	---
	7/7/2015	---	---	---	---	---	---	---	---	---	---

TABLE 8
SVE SYSTEM: OPERATIONAL DATA
AmeriPride Services Inc.
3505 N. Pasadena Ave., Los Angeles, CA
Burns & McDonnell Project No. 89698

	12/4/2013	-0.60	-0.60	-0.044	0.05	12	72.3	311	63	89	No
	12/5/2013	0.60	-0.70	-0.05	0.03	10	46.0	198	63	92	No
	12/6/2013	-0.70	-1.0	-0.074	0.10	17	37.6	162	63	91	No
	12/12/2013	-0.60	-0.90	-0.066	0.10	17	65.0	280	62	92	No
	12/20/2013	NA	-3.5	-0.26	0.20	25	71.1	306	62	90	No
	12/31/2013	NA	-2.5	-0.18	0.20	25	NA	NA	65	89	No
	1/6/2014	NA	-2.9	-0.21	0.30	30	NA	NA	61	82	No
	1/10/2014	-2.0	-1.1	-0.084	0.20	25	6.1	26	69	100	No
	1/24/2014	NA	-1.2	-0.089	0.20	25	NA	NA	68	98	No
	1/31/2014	NA	-1.0	-0.071	NA	NA	NA	NA	63	90	No
	2/7/2014	-1.4	-1.2	-0.087	0.10	17	18.8	81	69	94	No
	3/10/2014	-0.74	-0.8	-0.061	0.10	17	79.7	343	74	104	18:30
	4/1/2014	-1.4	-0.8	-0.062	0.10	17	6.9	30	64	93	No
	5/9/2014	-0.57	-1.0	-0.074	0.10	17	9.6	41	81	99	No
	6/11/2014	-0.82	-0.91	-0.067	0.10	17	15.8	68	82	122	No
	7/3/2014	-0.79	-1.0	-0.076	0.10	17	14.1	61	80	111	No
	8/1/2014	-0.72	-1.0	-0.074	0.10	17	7.4	32	91	128	No
	9/10/2014	-1.2	-1.1	-0.08	0.10	17	9.2	40	89	126	17:12
SVE-11	10/10/2014	-1.3	-1.1	-0.08	0.12	19	6.3	27	82	102	No
	11/5/2014	-0.7	-1.0	-0.07	0.10	17	6.6	28	80	122	No
	11/5/2014	-1.9	-3.0	-0.22	0.40	35	18.0	77	72	112	No
	12/8/2014	-1.5	-3.0	-0.22	0.30	30	46.4	200	69	116	No
	12/8/2014	---	---	---	---	---	---	---	---	---	---
	1/6/2015	---	---	---	---	---	---	---	---	---	---
	2/4/2015	---	---	---	---	---	---	---	---	---	---
	2/4/2015	-1.8	-4.0	-0.30	0.55	41	10.4	45	69	111	No
	3/4/2015	-1.8	-4.3	-0.31	0.55	41	11.6	50	69	110	No
	3/4/2015	-1.0	-1.5	-0.11	0.15	21	24.7	106	70	111	13:43
	3/4/2015	---	---	---	---	---	---	---	---	---	---
	4/1/2015	---	---	---	---	---	---	---	---	---	---
	4/1/2015	-1.8	-4.3	-0.31	0.60	42	9.5	41	72	117	No
	5/6/2015	-1.8	-4.3	-0.31	0.55	41	38.3	165	70	111	No
	5/19/2015	---	---	---	---	---	---	---	---	---	---
	6/1/2015	---	---	---	---	---	---	---	---	---	---
	6/1/2015	-1.9	-4.3	-0.31	0.65	44	5.2	22	78	120	No
	7/7/2015	-1.9	-4.1	-0.30	0.60	42	6.7	29	84	121	No

TABLE 8
SVE SYSTEM: OPERATIONAL DATA
AmeriPride Services Inc.
3505 N. Pasadena Ave., Los Angeles, CA
Burns & McDonnell Project No. 89698

Location	Date	Pressure ("H_2O)	Pressure ("Hg)	Flow Rate (scfm)	PID Reading (PPM, as Isobutylene)	PID Reading (PPM, as hexane)	Temperature (°F)	Grab Sample Collected? (Time Collected)
VLS (PRE-BLOWER)	12/4/2013	-11.8	-0.87	348	228	980	63	---
	12/5/2013	-12.9	-0.95	333	190	817	63	---
	12/6/2013	-12.6	-0.93	343	109	469	63	---
	12/12/2013	-12.6	-0.93	348	187	804	62	---
	12/20/2013	-18.9	-1.4	384	49.0	211	62	---
	12/23/2013	-17.8	-1.3	384	58.3	251	69	---
	12/31/2013	-25.3	-1.9	381	26.8	115	65	---
	1/6/2014	-36.1	-2.7	384	40.7	175	61	---
	1/10/2014	-39.8	-2.9	388	45.0	194	69	---
	1/13/2014	-39.9	-2.9	388	34.8	150	74	---
	1/17/2014	-39.7	-2.9	388	30.2	130	75	---
	1/20/2014	-42.3	-3.1	388	19.3	83	66	---
	1/24/2014	-40.5	-3.0	387	21.3	92	68	---
	1/27/2014	-42.0	-3.1	387	19.8	85	71	---
	1/31/2014	-45.3	-3.3	387	16.7	72	63	---
	2/7/2014	-12.1	-0.89	375	37.0	159	69	---
	2/27/2014	-15.5	-1.1	375	10.1	43	69	---
	3/10/2014	-13.8	-1.0	389	35.8	154	74	---
	4/1/2014	-12.1	-0.89	399	6.4	28	64	---
	5/9/2014	-11.4	-0.84	387	15.5	67	81	---
	5/19/2014	-11.1	-0.82	387	16.5	71	82	---
	6/11/2014	-19.4	-1.42	369	19.1	82	82	---
	7/3/2014	-10.4	-0.76	352	18.4	79	80	---
	8/1/2014	-9.6	-0.70	353	11.2	48	91	---
	9/10/2014	-9.1	-0.67	334	13.7	59	89	---
	10/13/2014	-9.1	-0.67	317	36.4	157	82	---
	11/5/2014	-8.6	-0.63	310	52.5	226	80	---
	11/5/2014	-9.4	-0.69	296	53.4	230	72	---
	12/8/2014	-11.9	-0.88	286	72.4	311	69	---
	12/8/2014	-12.4	-0.91	297	105	449	70	---
	1/6/2015	-16.2	-1.19	315	50.3	216	70	---
	2/4/2015	-12.9	-0.95	307	72.9	313	70	---
	2/4/2015	-13.4	-0.99	301	56.5	243	69	---
	3/4/2015	-10.7	-0.79	291	52.5	226	69	---
	3/4/2015	-9.5	-0.70	327	46.8	201	70	---
	3/4/2015	-14.3	-1.05	329	69.5	299	70	---
	4/1/2015	-10.1	-0.75	310	79.9	344	74	---
	4/1/2015	-10.4	-0.76	300	46	200	72	---
	5/6/2015	-10.5	-0.77	304	56	241	70	---
	5/19/2015	-13.7	-1.01	318	48	206	76	---
	6/1/2015	-13.5	-0.99	323	33	142	76	---
	6/1/2015	-9.6	-0.71	299	22	95	78	---
	7/7/2015	-9.1	-0.67	294	27	117	84	---

TABLE 8
SVE SYSTEM: OPERATIONAL DATA
AmeriPride Services Inc.
3505 N. Pasadena Ave., Los Angeles, CA
Burns & McDonnell Project No. 89698

Location	Date	Pressure ("H_2O)	Pressure ("Hg)	Flow Rate (scfm)	PID Reading (PPM, as Isobutylene)	PID Reading (PPM, as hexane)	Temperature (°F)	Grab Sample Collected? (Time Collected)
COMBINED SYSTEM INFLUENT	12/4/2013	35.0	2.6	348	236	1015	89	5:55 PM
	12/5/2013	35.0	2.6	333	210	903	92	3:17 PM
	12/6/2013	35.0	2.6	343	126	542	91	No
	12/12/2013	34.9	2.6	348	306	1316	92	6:44 PM
	12/20/2013	33.0	2.4	384	73.8	317	90	No
	12/23/2013	33.6	2.5	384	76.1	327	99	No
	12/31/2013	63.7	4.7	381	37.8	163	89	No
	1/6/2014	62.8	4.6	384	69.0	297	82	No
	1/10/2014	60.5	4.5	388	54.9	236	100	3:06 PM
	1/13/2014	62.8	4.6	388	59.8	257	109	No
	1/17/2014	60.9	4.5	388	65.2	280	112	No
	1/20/2014	61.6	4.5	388	66.1	284	98	No
	1/24/2014	61.8	4.5	387	56.5	243	98	No
	1/27/2014	60.1	4.4	387	104	447	104	No
	1/31/2014	59.3	4.4	387	61.3	264	90	No
	2/7/2014	38.1	2.8	375	82.3	354	94	1:30 PM
	2/27/2014	34.8	2.6	375	58.4	251	94	No
	3/10/2014	34.7	2.6	389	69.0	297	104	5:54 PM
	4/1/2014	34.7	2.6	399	40.8	175	93	7:50 PM
	5/9/2014	35.9	2.6	387	18.8	81	99	12:34 PM
	5/19/2014	36.2	2.7	387	43.0	185	104	No
	6/11/2014	31.0	2.3	369	79.7	343	122	2:48 PM
	7/3/2014	32.7	2.4	352	40.1	172	111	11:04 PM
	8/1/2014	30.6	2.3	353	45.9	197	128	3:24 PM
	9/10/2014	29.8	2.2	334	48.8	210	126	4:56 PM
	10/13/2014	28.6	2.1	317	46.6	200	102	6:54 PM
	11/5/2014	28.7	2.1	310	72.8	313	122	4:34 PM
	11/5/2014	28.5	2.1	296	88.1	379	112	No
	12/8/2014	32.7	2.4	286	104	447	116	2:04 PM
	12/8/2014	27.5	2.0	297	117	501	122	No
	1/6/2015	29.5	2.2	315	79	341	112	3:30 PM
	2/4/2015	28.7	2.1	307	88	379	112	1:10 PM
	2/4/2015	28.4	2.1	301	70	300	111	No
	3/4/2015	29.8	2.2	291	81	349	110	12:10 PM
	3/4/2015	29.1	2.1	327	65	278	111	No
	3/4/2015	28.8	2.1	329	103	442	111	No
	4/1/2015	26.1	1.9	310	114	489	119	3:50 PM
	4/1/2015	28.0	2.1	300	82	352	117	No
	5/6/2015	28.3	2.1	304	86	371	111	2:50 PM
	5/19/2015	29.0	2.1	318	76	327	108	No
	6/1/2015	28.1	2.1	323	48	205	120	12:04 PM
	6/1/2015	28.7	2.1	299	36	153	120	No
	7/7/2015	27.8	2.0	294	47	200	121	5:14 PM

TABLE 8
SVE SYSTEM: OPERATIONAL DATA
AmeriPride Services Inc.
3505 N. Pasadena Ave., Los Angeles, CA
Burns & McDonnell Project No. 89698

Location	Date	Pressure ("H_2O)	Pressure ("Hg)	Flow Rate (scfm)	PID Reading (PPM, as Isobutylene)	PID Reading (PPM, as hexane)	Temperature (°F)	Grab Sample Collected? (Time Collected)
BETWEEN GAC ADSORBERS	12/4/2013	1.4	0.10	348	NA	NA	---	No
	12/5/2013	1.4	0.1	333	NA	NA	---	NA
	12/6/2013	1.4	0.10	343	0.0	0.0	---	No
	12/12/2013	1.6	0.12	348	0.0	0.0	---	6:35 PM
	12/20/2013	1.6	0.11	384	0.0	0.0	---	No
	12/23/2013	1.6	0.12	384	0.0	0.0	---	No
	12/31/2013	2.9	0.22	381	0.0	0.0	---	No
	1/6/2014	3.0	0.22	384	0.0	0.0	---	No
	1/10/2014	3.3	0.24	388	0.0	0.0	---	2:54 PM
	1/13/2014	4.3	0.32	388	0.0	0.0	---	No
	1/17/2014	4.0	0.29	388	0.0	0.0	---	No
	1/20/2014	3.5	0.26	388	0.0	0.0	---	No
	1/24/2014	3.6	0.26	387	0.0	0.0	---	No
	1/27/2014	3.5	0.26	387	0.0	0.0	---	No
	1/31/2014	4.0	0.30	387	0.0	0.0	---	No
	2/7/2014	6.6	0.48	375	5.0	21.5	---	1:20 PM
	2/27/2014	1.8	0.13	375	0.0	0.0	---	No
	3/10/2014	1.7	0.13	389	0.0	0.0	---	5:42 PM
	4/1/2014	2.0	0.15	399	0.0	0.0	---	7:42 PM
	5/9/2014	1.8	0.13	387	1.4	6.0	---	12:22 PM
	5/19/2014	1.8	0.13	387	0.0	0.0	---	No
	6/11/2014	1.6	0.11	369	2.5	10.8	---	2:36 PM
	7/3/2014	1.0	0.07	352	2.0	8.6	---	10:52 PM
	8/1/2014	0.90	0.07	353	0.0	0.0	---	3:12 PM
	9/10/2014	0.91	0.07	334	0.0	0.0	---	4:44 PM
	10/13/2014	1.2	0.09	317	0.20	0.86	---	6:42 PM
	11/5/2014	0.87	0.06	310	0.70	3.0	---	4:22 PM
	11/5/2014	1.3	0.09	296	0.10	0.43	---	No
	12/8/2014	1.2	0.09	286	7.2	31.0	---	1:52 PM
	12/8/2014	1.1	0.08	297	7.5	32.3	---	No
	1/6/2015	1.1	0.08	315	0.3	1.3	---	3:23 PM
	2/4/2015	1.1	0.08	307	0.1	0.4	---	1:00 PM
	2/4/2015	1.1	0.08	301	0.1	0.4	---	No
	3/4/2015	1.2	0.09	291	2.0	8.6	---	12:02 PM
	3/4/2015	1.2	0.09	327	2.1	9.0	---	No
	3/4/2015	1.2	0.09	329	2.2	9.5	---	No
	4/1/2015	1.1	0.08	310	1.4	6.0	---	3:42 PM
	4/1/2015	1.1	0.08	300	2.8	12.0	---	No
	5/6/2015	1.1	0.08	304	24.3	104.5	---	2:40 PM
	5/19/2015	1.1	0.08	318	0.8	3.4	---	No
	6/1/2015	1.1	0.08	323	0.3	1.3	---	11:56 AM
	6/1/2015	1.1	0.08	299	0.4	1.7	---	No
	7/7/2015	1.1	0.08	294	0.3	1.3	---	5:06 PM

TABLE 8
SVE SYSTEM: OPERATIONAL DATA
AmeriPride Services Inc.
3505 N. Pasadena Ave., Los Angeles, CA
Burns & McDonnell Project No. 89698

Location	Date	Pressure ("H_2O)	Pressure ("Hg)	Flow Rate (scfm)	PID Reading (PPM, as Isobutylene)	PID Reading (PPM, as hexane)	Temperature (°F)	Grab Sample Collected? (Time Collected)
EXHAUST STACK	12/4/2013	0.00	0.00	348	NA	NA	54	No
	12/5/2013	0.10	0.0074	333	NA	NA	57	NA
	12/6/2013	0.00	0.00	343	0.0	0.0	55	No
	12/12/2013	0.10	0.0074	348	0.0	0.0	83	6:26 PM
	12/20/2013	0.18	0.013	384	0.0	0.0	70	No
	12/23/2013	0.18	0.013	384	0.0	0.0	69	No
	12/31/2013	0.29	0.021	381	0.0	0.0	71	No
	1/6/2014	0.36	0.026	384	0.0	0.0	45	No
	1/10/2014	0.32	0.024	388	0.0	0.0	62	2:45 PM
	1/13/2014	0.32	0.024	388	0.0	0.0	69	No
	1/17/2014	0.32	0.024	388	0.0	0.0	72	No
	1/20/2014	0.33	0.024	388	0.0	0.0	50	No
	1/24/2014	0.32	0.024	387	0.0	0.0	54	No
	1/27/2014	0.33	0.024	387	0.0	0.0	64	No
	1/31/2014	0.36	0.026	387	0.0	0.0	46	No
	2/7/2014	0.45	0.033	375	0.0	0.0	56	1:10 PM
	2/27/2014	0.17	0.013	375	0.0	0.0	54	No
	3/10/2014	0.19	0.014	389	0.0	0.0	75	5:30 PM
	4/1/2014	0.20	0.015	399	0.0	0.0	54	7:34 PM
	5/9/2014	0.17	0.013	387	0.10	0.43	75	12:10 PM
	5/19/2014	0.21	0.015	387	0.0	0.0	75	No
	6/11/2014	0.13	0.010	369	0.0	0.0	78	2:24 PM
	7/3/2014	0.15	0.011	352	0.0	0.0	75	10:40 PM
	8/1/2014	0.18	0.013	353	0.0	0.0	83	3:00 PM
	9/10/2014	0.15	0.011	334	0.0	0.0	82	4:32 PM
	10/13/2014	0.15	0.011	317	0.0	0.0	79	6:30 PM
	11/5/2014	0.15	0.011	310	0.0	0.0	78	4:10 PM
	11/5/2014	0.15	0.011	296	0.0	0.0	66	No
	12/8/2014	0.16	0.012	286	0.0	0.0	65	1:40 PM
	12/8/2014	0.14	0.010	297	0.70	3.0	68	No
	1/6/2015	0.16	0.012	315	0.20	0.86	71	3:15 PM
	2/4/2015	0.15	0.011	307	0.0	0.0	61	12:50 PM
	2/4/2015	0.15	0.011	301	0.0	0.0	62	No
	3/4/2015	0.15	0.011	291	0.1	0.4	51	11:54 AM
	3/4/2015	0.14	0.010	327	0.2	0.9	64	No
	3/4/2015	0.14	0.010	329	0.4	1.7	60	No
	4/1/2015	0.11	0.008	310	0.2	0.9	72	3:34 PM
	4/1/2015	0.13	0.010	300	0.3	1.3	70	No
	5/6/2015	0.15	0.011	304	0.1	0.4	62	2:30 PM
	5/19/2015	0.14	0.010	318	0.6	2.6	71	No
	6/1/2015	0.16	0.012	323	0.3	1.3	72	11:48 AM
	6/1/2015	0.14	0.010	299	0.3	1.3	78	No
	7/7/2015	0.13	0.010	294	0.1	0.4	76	4:58 PM

Notes:

Cycle 1 of SVE Points Operating

Cycle 2 of SVE Points Operating

°F - degrees Fahrenheit

"H_2O - inches of water column

"Hg - inches of mercury

scfm - standard cubic feet per minute

Likely erroneous value

Field Tech indicated that moisture filter was getting older and these results may have been due to moisture

PID reading after primary vessel greater than 13.4 ppmv (as hexane) and efficiency less than 90%.

Samples were collected and system was shut down immediately pending GAC changeout.

TABLE 9
SVE SYSTEM: OPERATIONS LOG
AmeriPride Services Inc.
3505 N. Pasadena Ave., Los Angeles, CA
Burns & McDonnell Project No. 89698

Date	Pacific Time	SVE System Operations and Notes	SVE Points in Operation	SVE System Total Hours of Operation
12/6/2013	1:15 PM	The SVE system begins continous operation after completion of various system equipment testing.	SVE-1 through SVE-11	0
12/12/2013	6:30 PM	Grab samples collected from the Combined Influent, Between GAC Adsorbers, and Stack Effluent. Vapor samples submitted for laboratory analysis of EPA Method TO-3 and TO-15.	SVE-1 through SVE-11	143
12/12/2013 to 12/20/2013	---	The SVE system was shutdown for maintenance.	SVE-1 through SVE-11	193
12/24/2013 to 12/31/2013	---	The SVE system was shutdown for maintenance.	SVE-1 through SVE-11	298
1/10/2014	2:45 PM	Grab samples collected from the Combined Influent, Between GAC Adsorbers, and Stack Effluent. Vapor samples submitted for laboratory analysis of EPA Method TO-3 and TO-15.	SVE-1 through SVE-11	535
2/7/2014	1:10 PM	Grab samples collected from the Combined Influent, Between GAC Adsorbers, and Stack Effluent. Vapor samples submitted for laboratory analysis of EPA Method TO-3 and TO-15.	SVE-1 through SVE-11	1202
2/14/2014 to 2/27/2014	---	The SVE system was shutdown pending a GAC changeout on the primary GAC adsorber. A GAC changeout was completed on Vessel A on February 27, 2014.	SVE-1 through SVE-11	1364
3/10/2014	5:30 PM	Grab samples collected from the Combined Influent, Between GAC Adsorbers, and Stack Effluent. Vapor samples submitted for laboratory analysis of EPA Method TO-3 and TO-15. Grab samples also collected from the individual SVE points (SVE-1 through 11) at the manifold and submitted for laboratory analysis of EPA Method TO-15.	SVE-1 through SVE-11	1630
4/1/2014	7:34 PM	Grab samples collected from the Combined Influent, Between GAC Adsorbers, and Stack Effluent. Vapor samples submitted for laboratory analysis of EPA Method TO-3 and TO-15.	SVE-1 through SVE-11	2159
4/2/2014 to 4/11/2014	---	The SVE system was shutdown for maintenance.	SVE-1 through SVE-11	2178
4/24/2014 to 5/9/2014	---	The SVE system was shutdown for maintenance (replacement of fuses and TVSS).	SVE-1 through SVE-11	2477
5/9/2014	12:10 PM	Grab samples collected from the Combined Influent, Between GAC Adsorbers, and Stack Effluent. Vapor samples submitted for laboratory analysis of EPA Method TO-3 and TO-15.	SVE-1 through SVE-11	2477
5/24/2014 to 5/27/2014	---	The SVE system shutdown due to a power outage.	SVE-1 through SVE-11	2836
6/4/2014	12:00 PM	SVE-1, SVE-2, SVE-5, and SVE-7 were closed at the manifold due to wellheads being either damaged or covered when the Site was cleared of grass/weeds by the City of Los Angeles.	SVE-3, SVE-4, SVE-6, and SVE-8 through SVE-11	3098
6/11/2014	2:24 PM	SVE-2, SVE-5, and SVE-7 were either found or repaired and opened back up at the manifold to operate with the SVE system. Grab samples collected from the Combined Influent, Between GAC Adsorbers, and Stack Effluent. Vapor samples submitted for laboratory analysis of EPA Method TO-3 and TO-15.	SVE-2 through SVE-11	3189
6/22/2014 to 7/3/2014	---	The SVE system was shutdown pending a GAC changeout on the primary GAC adsorber. A GAC changeout was completed on Vessel B on July 3, 2014.	SVE-2 through SVE-11	3441
7/3/2014	10:40 PM	SVE-1 was repaired and opened back up at the manifold to operate with the SVE system. Grab samples collected from the Combined Influent, Between GAC Adsorbers, and Stack Effluent. Vapor samples submitted for laboratory analysis of EPA Method TO-3 and TO-15.	SVE-1 through SVE-11	3445
8/1/2014	3:00 PM	Grab samples collected from the Combined Influent, Between GAC Adsorbers, and Stack Effluent. Vapor samples submitted for laboratory analysis of EPA Method TO-3 and TO-15.	SVE-1 through SVE-11	4131
9/10/2014	4:32 PM	Grab samples collected from the Combined Influent, Between GAC Adsorbers, and Stack Effluent. Vapor samples submitted for laboratory analysis of EPA Method TO-3 and TO-15. Grab samples also collected from the individual SVE points (SVE-1 through 11) at the manifold and submitted for laboratory analysis of EPA Method TO-15.	SVE-1 through SVE-11	5093
9/23/2014 to 9/30/2014	---	The SVE system was shutdown pending a GAC changeout on the primary GAC adsorber. A GAC changeout was completed on Vessel A on September 30, 2014.	SVE-1 through SVE-11	5344
10/13/2014	6:30 PM	Grab samples collected from the Combined Influent, Between GAC Adsorbers, and Stack Effluent. Vapor samples submitted for laboratory analysis of EPA Method TO-3 and TO-15.	SVE-1 through SVE-11	5691
11/5/2014	4:10 PM	Grab samples collected from the Combined Influent, Between GAC Adsorbers, and Stack Effluent. Vapor samples submitted for laboratory analysis of EPA Method TO-3 and TO-15. Monthly cycling of the SVE points begins, and the SVE system is set to operate with Set 1 of the SVE points (Set 1: SVE-2, SVE-3, SVE-4, SVE-7, SVE-8, SVE-9, and SVE-11 in operation).	SVE-2, SVE-3, SVE-4, SVE-7, SVE-8, SVE-9, SVE-11	6239

TABLE 9
SVE SYSTEM: OPERATIONS LOG
AmeriPride Services Inc.
3505 N. Pasadena Ave., Los Angeles, CA
Burns & McDonnell Project No. 89698

Date	Pacific Time	SVE System Operations and Notes	SVE Points in Operation	SVE System Total Hours of Operation
12/8/2014	1:40 PM	Grab samples collected from the Combined Influent, Between GAC Adsorbers, and Stack Effluent. Vapor samples submitted for laboratory analysis of EPA Method TO-3 and TO-15. SVE system is set to operate with Set 2 of the SVE points (Set 2: SVE-1, SVE-4, SVE-5, SVE-6, SVE-7, SVE-9, and SVE-10 in operation).	SVE-1, SVE-4, SVE-5, SVE-6, SVE-7, SVE-9, SVE-10	7010
12/17/2014 to 1/6/2015	---	The SVE system was shutdown pending a GAC changeout on the primary GAC adsorber. A GAC changeout was completed on Vessel B on January 6, 2015.	SVE-1, SVE-4, SVE-5, SVE-6, SVE-7, SVE-9, SVE-10	7229
1/6/2015	3:15 PM	Grab samples collected from the Combined Influent, Between GAC Adsorbers, and Stack Effluent. Vapor samples submitted for laboratory analysis of EPA Method TO-3 and TO-15.	SVE-1, SVE-4, SVE-5, SVE-6, SVE-7, SVE-9, SVE-10	7232
2/1/2015 to 2/4/2015	---	SVE system was shutdown for maintenance (drainage of VLS tank).	SVE-1, SVE-4, SVE-5, SVE-6, SVE-7, SVE-9, SVE-10	7666
2/4/2015	12:50 PM	Grab samples collected from the Combined Influent, Between GAC Adsorbers, and Stack Effluent. Vapor samples submitted for laboratory analysis of EPA Method TO-3 and TO-15. SVE system is set to operate with Set 1 of the SVE points.	SVE-2, SVE-3, SVE-4, SVE-7, SVE-8, SVE-9, SVE-11	7668
2/25/2015 to 2/27/2015	---	SVE system was shutdown for maintenance (drainage of VLS tank).	SVE-2, SVE-3, SVE-4, SVE-7, SVE-8, SVE-9, SVE-11	8162
3/4/2015	11:54 AM	Grab samples collected from the Combined Influent, Between GAC Adsorbers, and Stack Effluent. Vapor samples submitted for laboratory analysis of EPA Method TO-3 and TO-15. Grab samples also collected from the individual SVE points (SVE-1 through 11) at the manifold and submitted for laboratory analysis of EPA Method TO-15. SVE system is set to operate with Set 2 of the SVE points.	SVE-1, SVE-4, SVE-5, SVE-6, SVE-7, SVE-9, SVE-10	8277
4/1/2015	3:34 PM	Grab samples collected from the Combined Influent, Between GAC Adsorbers, and Stack Effluent. Vapor samples submitted for laboratory analysis of EPA Method TO-3 and TO-15. SVE system is set to operate with Set 1 of the SVE points.	SVE-2, SVE-3, SVE-4, SVE-7, SVE-8, SVE-9, SVE-11	8949
4/25/2015 to 5/1/2015	---	The SVE system shutdown due to a power outage.	SVE-2, SVE-3, SVE-4, SVE-7, SVE-8, SVE-9, SVE-11	9502
5/6/2015	2:30 PM	Grab samples collected from the Combined Influent, Between GAC Adsorbers, and Stack Effluent. Vapor samples submitted for laboratory analysis of EPA Method TO-3 and TO-15. Since PID reading after primary vessel was greater than 13.4 ppmv (as hexane) and efficiency was less than 90%, the SVE system was shutdown after collecting monthly samples pending a GAC changeout.	SVE-2, SVE-3, SVE-4, SVE-7, SVE-8, SVE-9, SVE-11	9634
5/6/2015 to 5/19/2015	---	The SVE system was shutdown pending a GAC changeout on the primary GAC adsorber. A GAC changeout was completed on Vessel A on May 19, 2015. SVE system is set to operate with Set 2 of the SVE points.	SVE-1, SVE-4, SVE-5, SVE-6, SVE-7, SVE-9, SVE-10	9636
6/1/2015	11:48 AM	Grab samples collected from the Combined Influent, Between GAC Adsorbers, and Stack Effluent. Vapor samples submitted for laboratory analysis of EPA Method TO-3 and TO-15. SVE system is set to operate with Set 1 of the SVE points.	SVE-2, SVE-3, SVE-4, SVE-7, SVE-8, SVE-9, SVE-11	9946
6/19/2015 to 6/25/2015	---	The SVE system shutdown due to a power outage.	SVE-2, SVE-3, SVE-4, SVE-7, SVE-8, SVE-9, SVE-11	10382
7/7/2015	1:29 PM	Grab samples collected from the Combined Influent, Between GAC Adsorbers, and Stack Effluent. Vapor samples submitted for laboratory analysis of EPA Method TO-3 and TO-15. SVE system is set to operate with Set 2 of the SVE points.	SVE-1, SVE-4, SVE-5, SVE-6, SVE-7, SVE-9, SVE-10	10673
7/17/2015	7:27 AM	Per conversation with DTSC, the SVE system was shutdown to begin rebound testing.	SVE-1, SVE-4, SVE-5, SVE-6, SVE-7, SVE-9, SVE-10	11003

TABLE 10
SVE SYSTEM: COMBINED INFLUENT ANALYTICAL RESULTS
AmeriPride Services Inc.
3505 N. Pasadena Ave., Los Angeles, CA
Burns & McDonnell Project No. 89698

COMBINED SYSTEM INFLUENT		Tetrachloroethene (PCE)	Trichloroethene (TCE)	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Acetone	Benzene	2-Butanone (Methyl Ethyl Ketone)	Carbon disulfide	Chloroform	Dichlorodifluoromethane	1-1-Dichloroethane	1-1-Dichloroethene	1,1,2,2-Tetrachloroethane	Toluene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl chloride	Flow Rate (scfm)	PCE Removed (Pounds Per Day)	PCE Removed To-Date (Pounds)	Total VOCs Removed (Pounds Per Day)	Total VOCs Removed To-Date (Pounds)
12/04/13	**5:55 PM**	**430,000**	**30,000**	**64,000**	**3,700**	<100	<35	<96	<140	<53	<54	<44	<43	<150	<41	<160	<53	**280**	348	13	5.6	17	6.9
12/05/13	**3:17 PM**	**160,000**	**17,000**	**36,000**	**2,900**	<82	<28	<120	<110	<42	<43	<35	**42**	<120	<33	<130	<43	**640**	333	8.8	7.8	11	9.7
12/12/13	**6:44 PM**	**26,000**	**13,000**	**13,000**	**460**	<190	<64	<180	<250	<98	<99	<81	<79	<270	<75	<290	<98	**62**	348	2.9	28	4.2	38
01/10/14	**3:06 PM**	**20,000**	**5,100**	**4,900**	**140**	**14**	<2.6	<78	**32**	**13**	<4.0	<3.2	<3.2	<11	<3.0	<12	<3.9	<2.0	388	0.80	39	1.4	60
02/07/14	**1:30 PM**	**8,300**	**5,400**	**2,200**	**42**	<48	<16	<44	<62	<24	<25	<20	<20	<69	<19	<74	<25	<13	375	0.48	53	0.78	81
03/10/14	**5:54 PM**	**11,000**	**5,700**	**1,000**	**25**	<48	<16	<44	<62	<24	<25	<20	<20	<69	<19	<74	<25	<13	389	0.34	59	0.59	92
04/01/14	**7:50 PM**	**9,900**	**3,400**	**420**	<9.9	<24	<8.0	<22	<31	14	<12	<10	<9.9	<34	<9.4	<37	<12	<6.4	399	0.38	67	0.56	104
05/09/14	**12:34 PM**	**24,000**	**6,000**	**360**	<16	<38	<13	<35	<50	20	<20	<16	<16	<55	<15	<59	<20	<10	387	0.59	75	0.77	114
06/11/14	**2:48 PM**	**13,000**	**5,100**	**530**	<95	<95	<32	<88	<120	<49	<49	<40	<40	<140	<38	<150	<49	<26	369	0.61	93	0.81	139
07/03/14	**11:04 PM**	**13,000**	**3,300**	**350**	**8.4**	**25**	<2.5	**34**	<9.7	**30**	**4.5**	<3.2	<3.1	<11	<2.9	<12	<3.8	**6.6**	352	0.41	97	0.56	144
08/01/14	**3:23 PM**	**12,000**	**2,300**	**280**	<20	<48	<16	<44	<62	<24	<25	<20	<20	<69	<19	<74	<25	<13	353	0.40	109	0.50	159
09/11/14	**4:56 PM**	**12,000**	**1,700**	**190**	<20	<48	<16	<44	<62	<24	<25	<20	<20	<69	<19	<74	<25	<13	334	0.36	123	0.43	176
10/13/14	**6:54 PM**	**11,000**	**1,400**	**240**	<20	<48	<16	<44	<62	<24	<25	<20	<20	<69	<19	<74	<25	<13	317	0.33	131	0.38	185
11/05/14	**4:34 PM**	**12,000**	**1,100**	**130**	<16	<38	<13	<35	<50	<20	<20	<16	<16	<55	<15	<59	<20	<10	310	0.32	139	0.36	193
12/08/14	**2:04 PM**	**9,700**	**850**	**71**	<32	<76	<26	<71	<100	<39	<40	<32	<32	<110	<30	<120	<39	<20	286	0.28	148	0.31	203
01/06/15	**3:30 PM**	**12,000**	**1,600**	**860**	<16	<38	<13	<35	<50	<20	<20	<16	<16	<55	<15	<59	<20	<10	315	0.31	150	0.36	207
02/04/15	**12:50 PM**	**13,000**	**1,000**	**130**	<20	<48	<16	<44	<62	<24	<25	<20	<20	<69	<19	<74	<25	<13	307	0.34	157	0.39	214
03/04/15	**12:10 PM**	**10,000**	**660**	**68**	<20	<48	<16	<44	<62	<24	<25	<20	<20	<69	<19	<74	<25	<13	291	0.30	164	0.33	222
04/01/15	**3:50 PM**	**12,000**	**580**	**65**	<25	<59	<20	<55	<78	<31	<31	<25	**27**	<86	<24	<92	<31	<16	310	0.31	173	0.33	231
05/06/15	**2:50 PM**	**10,000**	**360**	**58**	<20	<48	<16	<44	<62	<24	<25	<20	<20	<69	<19	<74	<25	<13	304	0.30	182	0.32	240
06/01/15	**12:04 PM**	**11,000**	**470**	<79	<79	<190	<64	<180	<250	<98	<99	<81	<79	<270	<75	<290	<98	<51	323	0.31	186	0.32	244
07/07/15	**3:54 PM**	**6,200**	**350**	**49**	<20	<48	<16	<44	<62	<24	<25	<20	<20	<69	<19	<74	<25	<13	294	0.23	192	0.24	252
																		Estimated through 7/17/2015 >>		0.16	195	0.17	254

Notes:
All values are expressed in micrograms per cubic meter [µg/m3] unless otherwise noted
Non-detect results are expressed as "less than laboratory reporting limit.'
Concentrations detected above the laboratory reporting limit are bolded.

TABLE 11
SVE SYSTEM: BETWEEN GAC ADSORBERS ANALYTICAL RESULTS
AmeriPride Services Inc.
3505 N. Pasadena Ave., Los Angeles, CA 90031
Burns & McDonnell Project No. 89698

BETWEEN GAC ADSORBERS		Tetrachloroethene (PCE)	Trichloroethene (TCE)	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Acetone	Benzene	2-Butanone (Methyl Ethyl Ketone)	Carbon disulfide	Chloroform	Dichlorodifluoromethane	1-1-Dichloroethane	1-1-Dichloroethene	1,1,2,2-Tetrachloroethane	Toluene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl Chloride
12/12/13	**6:44 PM**	<3.4	**17**	**75**	**2.1**	**7.8**	<1.6	<7.2	<6.2	<2.4	**8.9**	**5.6**	**12**	<6.9	**4.1**	**12**	**3.1**	**720**
01/10/14	**2:54 PM**	<3.4	**6.3**	**2,600**	**79**	**17**	<1.6	<4.4	**46**	**3.4**	**3.3**	<2.0	**5.7**	<6.9	<1.9	<7.4	<2.5	**13**
02/07/14	**1:20 PM**	**430**	**2,100**	**12,000**	**340**	**14**	<3.8	<11	**19**	**28**	<5.9	<4.8	<4.7	<16	<4.5	<18	<5.8	**3.7**
03/10/14	**5:42 PM**	<3.4	<2.7	**1,200**	**55**	**19**	<1.6	<4.4	**25**	**3.4**	**3.9**	<2.0	**5.8**	<6.9	<1.9	<7.4	<2.5	**4.7**
04/01/14	**7:42 PM**	<3.4	**6.8**	**7,300**	**250**	<4.8	<1.6	<4.4	**7.1**	**29**	**3.0**	<2.0	**2.1**	<6.9	<1.9	<7.4	<2.5	**1.4**
05/09/14	**12:22 PM**	**11**	**13**	**7,500**	**230**	**28**	<1.6	<4.4	**6.5**	**39**	**4.7**	<2.0	<2.0	<6.9	<1.9	<7.4	<2.5	**4.3**
06/11/14	**2:36 PM**	**2,300**	**9,600**	**3,500**	**51**	<95	<32	<88	<120	**54**	<49	<40	<40	<140	<38	<150	<49	<26
07/03/14	**10:52 PM**	<4.1	<3.2	**4,200**	**170**	**14**	<1.9	<5.3	<7.5	**18**	**3.9**	<2.4	<2.4	<8.2	<2.3	<8.8	<2.9	**2.5**
08/01/14	**3:12 PM**	<3.4	<2.7	**1,400**	**44**	**8.6**	<1.6	<4.4	<6.2	**5.4**	**2.7**	<2.0	<2.0	<6.9	<1.9	<7.4	<2.5	**1.5**
09/10/14	**4:44 PM**	**2,300**	**5,700**	**5,800**	**110**	**9.8**	<1.6	<4.5	<6.4	**63**	**4.4**	<2.4	**2.4**	<7.0	<1.9	<7.5	<2.5	**2.3**
10/13/14	**6:42 PM**	**44**	<10	**210**	**15**	<18	<6.2	<17	<24	<9.4	<9.6	<7.8	<7.7	<27	<7.3	<29	<9.5	<4.9
11/05/14	**4:22 PM**	<3.4	**5.9**	**2,100**	**92**	**5.3**	<1.6	<4.4	<6.2	**19**	**3.6**	<2.0	**3.1**	<6.9	<1.9	<7.4	<2.5	**1.8**
12/08/14	**1:52 PM**	**320**	**1,400**	**10,000**	**110**	<110	<37	<100	<140	**90**	<58	<47	<46	<160	<44	<170	<57	<30
01/06/15	**3:23 PM**	**53**	**12**	**600**	**22**	<12	<4.1	<11	<16	**17**	<6.4	<5.2	<5.1	<18	<4.9	<19	<6.3	<3.3
02/04/15	**1:00 PM**	**14**	**8.7**	**270**	**7.9**	<4.8	**6.9**	<4.4	<6.2	**4.0**	**4.3**	<2.0	<2.0	<6.9	**2.3**	<7.4	<2.5	<1.3
03/04/15	**12:02 PM**	<9.0	<7.1	**810**	**25**	<13	<4.2	<12	<16	**15**	<6.5	<5.3	<5.2	<18	<5.0	<19	<6.5	<3.4
04/01/15	**3:42 PM**	**6.6**	**17**	**1,400**	**74**	**8.0**	<1.6	<4.4	<6.2	**29**	<2.5	<2.0	<2.0	<6.9	<1.9	<7.4	<2.5	<1.3
05/06/15	**2:40 PM**	**2,300**	**2,500**	**2,300**	**42**	<19	<6.4	<18	<25	**54**	<9.9	<8.1	<7.9	<27	<7.5	<29	<9.8	<5.1
06/01/15	**11:56 AM**	<3.4	<2.7	**250**	**9.8**	**5.6**	<1.6	<4.4	<6.2	**9.2**	**3.4**	<2.0	<2.0	<6.9	<1.9	<7.4	<2.5	<1.3
07/07/15	**2:21 PM**	<3.4	<2.7	**340**	**19**	**6.2**	<1.6	<4.4	<6.2	**8.8**	**2.8**	<2.0	<2.0	<6.9	<1.9	<7.4	<2.5	<1.3

Notes:
All values are expressed in micrograms per cubic meter [µg/m3] unless otherwise noted.
Non-detect results are expressed as "less than laboratory reporting limit."
Concentrations detected above the laboratory reporting limit are bolded.

TABLE 12
SVE SYSTEM: STACK EFFLUENT ANALYTICAL RESULTS
AmeriPride Services Inc.
3505 N. Pasadena Ave., Los Angeles, CA 90031
Burns & McDonnell Project No. 89698

STACK EFFLUENT		Tetrachloroethene (PCE)	Trichloroethene (TCE)	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Acetone	Benzene	2-Butanone (Methyl Ethyl Ketone)	Carbon disulfide	Chloroform	Dichlorodifluoromethane	1-1-Dichloroethane	1-1-Dichloroethene	1,1,2,2-Tetrachloroethane	Toluene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl Chloride
12/12/13	**6:44 PM**	**36**	**19**	<2.0	<2.0	**5.4**	<1.6	<4.4	<6.2	<2.4	<2.5	<2.0	**5.5**	<6.9	<1.9	<7.4	<2.5	**22**
01/10/14	**2:45 PM**	<3.4	<2.7	<2.0	<2.0	**29**	<1.6	**7.3**	<6.2	<2.4	**4.8**	<2.0	<2.0	<6.9	<1.9	<7.4	<2.5	**19**
02/07/14	**1:10 PM**	<8.9	<7.0	**280**	**22**	**43**	<4.2	<12	**51**	<6.4	<6.5	<5.3	**6.4**	<18	<4.9	<19	<6.4	**7.7**
03/10/14	**5:30 PM**	**10**	<2.7	<2.0	<2.0	**34**	<1.6	<4.4	<6.2	<2.4	**5.3**	<2.0	<2.0	<6.9	<1.9	<7.4	<2.5	**7.4**
04/01/14	**7:34 PM**	<3.4	<2.7	**2.3**	**41**	**7.3**	<1.6	<4.4	**15**	<2.4	<2.5	<2.0	**2.3**	<6.9	<1.9	<7.4	<2.5	**2.3**
05/09/14	**12:10 PM**	<3.4	**7.5**	**500**	**28**	**12**	<1.6	<4.4	**25**	**3.8**	<2.5	<2.0	**9.4**	<6.9	<1.9	<7.4	<2.5	**4.7**
06/11/14	**2:24 PM**	<14	<11	**3,200**	**140**	<19	<6.4	<18	<25	**13**	<9.9	<8.1	<7.9	<27	<7.5	<29	<9.8	<5.1
07/03/14	**10:40 PM**	<4.2	<3.4	<2.5	<2.5	**23**	<2.0	<5.5	<7.8	<3.1	<3.1	<2.5	<2.5	<8.6	<2.4	<9.2	<3.1	<1.6
08/01/14	**3:00 PM**	<3.5	<2.8	<2.1	<2.1	<4.9	<1.7	<4.6	<6.5	<2.5	**2.9**	<2.1	<2.1	<7.1	<2.0	<7.7	<2.6	**2.1**
09/10/14	**4:32 PM**	<4.2	<3.3	**9.0**	<2.5	**6.8**	<2.0	<5.5	<7.7	<3.0	**4.5**	<2.5	<2.5	<8.5	<2.3	<9.1	<3.0	**2.4**
10/13/14	**6:30 PM**	**5.9**	<2.7	<2.0	<2.0	**13**	<1.6	<4.5	<6.4	<2.5	**4.5**	<2.1	<2.0	<7.0	<1.9	<7.5	<2.5	**3.0**
11/05/14	**4:10 PM**	<3.7	<2.9	<2.1	<2.1	**11**	<1.7	<4.8	<6.7	<2.6	**3.6**	<2.2	<2.1	<7.4	<2.0	<8.0	<2.7	**1.7**
12/08/14	**1:40 PM**	<3.4	<2.7	**260**	**12**	**20**	<1.6	<4.4	<6.2	**9.2**	**4.0**	<2.0	<2.0	<6.9	<1.9	<7.4	<2.5	<1.3
01/06/15	**3:15 PM**	<4.4	<3.5	<2.6	<2.6	**8.0**	<2.1	<5.8	<8.1	<3.2	<3.2	<2.6	<2.6	<8.9	**3.4**	<9.6	<3.2	<1.7
02/04/15	**12:50 PM**	<3.4	<2.7	<2.0	<2.0	<4.8	<1.6	<4.4	<6.2	<2.4	**2.5**	<2.0	<2.0	<6.9	<1.9	<7.4	<2.5	<1.3
03/04/15	**11:54 AM**	<3.4	<2.7	**2.7**	<2.0	**4.9**	**3.6**	<4.4	<6.2	<2.4	**3.9**	<2.0	<2.0	<6.9	<1.9	<7.4	<2.5	<1.3
04/01/15	**3:34 PM**	<3.9	<3.1	**11**	<2.3	**22**	<1.8	<5.0	<7.1	<2.8	**3.6**	<2.3	**7.2**	<7.8	<2.1	<8.4	<2.8	<1.5
05/06/15	**2:30 PM**	<3.4	<2.7	**55**	**2.7**	<4.8	<1.6	<4.4	<6.2	**4.1**	**2.6**	<2.0	<2.0	<6.9	<1.9	<7.4	<2.5	<1.3
06/01/15	**11:48 AM**	<3.4	<2.7	<2.0	<2.0	**16**	<1.6	<4.5	<6.3	<2.5	**4.2**	<2.0	<2.0	<6.9	<1.9	<7.4	<2.5	<1.3
07/07/15	**1:29 PM**	<3.4	<2.7	<2.0	<2.0	**5.6**	<1.6	<4.4	<6.2	<2.4	**3.3**	<2.0	<2.0	<6.9	<1.9	<7.4	<2.5	<1.3

Notes:
All values are expressed in micrograms per cubic meter [µg/m3] unless otherwise noted.
Non-detect results are expressed as "less than laboratory reporting limit."
Concentrations detected above the laboratory reporting limit are bolded.

APPENDIX A

ANALYTICAL REPORTS

Mobile Geochemistry Inc.

25 January 2016

Mr. Erik Brenegan
Burns and McDonnell - Bloomington
8201 Norma Center Dr.
Bloomington, MN 55437

H&P Project: BM011816-SB2
Client Project: 65805 / 3505 Pasadena Ave

Dear Mr. Erik Brenegan:

Enclosed is the analytical report for the above referenced project. The data herein applies to samples as received by H&P Mobile Geochemistry, Inc. on 1/18/2016 -1/19/2016 which were analyzed in accordance with the attached Chain of Custody record(s).

The results for all sample analyses and required QA/QC analyses are presented in the following sections and summarized in the documents:

- Sample Summary
- Case Narrative (if applicable)
- Sample Results
- Quality Control Summary
- Notes and Definitions / Appendix
- Chain of Custody
- Sampling Logs (if applicable)

Unless otherwise noted, I certify that all analyses were performed and reviewed in compliance with our Quality Systems Manual and Standard Operating Procedures. This report shall not be reproduced, except in full, without the written approval of H&P Mobile Geochemistry, Inc.

We at H&P Mobile Geochemistry, Inc. sincerely appreciate the opportunity to provide analytical services to you on this project. If you have any questions or concerns regarding this analytical report, please contact me at your convenience at 760-804-9678.

Sincerely,

Janis Villarreal

Janis Villarreal
Laboratory Director

H&P Mobile Geochemistry, Inc. is certified under the California ELAP, the National Environmental Laboratory Accreditation Conference (NELAC) and the Department of Defense Accreditation Programs.

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
VP6-5	E601061-01	Vapor	18-Jan-16	18-Jan-16
VP6-10	E601061-02	Vapor	18-Jan-16	18-Jan-16
VP6-20	E601061-03	Vapor	18-Jan-16	18-Jan-16
VP6-30	E601061-04	Vapor	18-Jan-16	18-Jan-16
VP6-30 REP	E601061-05	Vapor	18-Jan-16	18-Jan-16
VP3-5	E601061-06	Vapor	18-Jan-16	18-Jan-16
VP3-10	E601061-07	Vapor	18-Jan-16	18-Jan-16
VP3-20	E601061-08	Vapor	18-Jan-16	18-Jan-16
VP3-30	E601061-09	Vapor	18-Jan-16	18-Jan-16
VP5-5	E601061-10	Vapor	18-Jan-16	18-Jan-16
VP5-10	E601061-11	Vapor	18-Jan-16	18-Jan-16
VP5-20	E601061-12	Vapor	18-Jan-16	18-Jan-16
VP5-30	E601061-13	Vapor	18-Jan-16	18-Jan-16
VP1-5	E601061-14	Vapor	18-Jan-16	18-Jan-16
VP1-10	E601061-15	Vapor	18-Jan-16	18-Jan-16
VP1-20	E601061-16	Vapor	18-Jan-16	18-Jan-16
VP1-30	E601061-17	Vapor	18-Jan-16	18-Jan-16
VP4R-5	E601068-01	Vapor	19-Jan-16	19-Jan-16
VP4R-10	E601068-02	Vapor	19-Jan-16	19-Jan-16
VP4R-10 REP	E601068-03	Vapor	19-Jan-16	19-Jan-16
VP4R-20	E601068-04	Vapor	19-Jan-16	19-Jan-16
VP4R-30	E601068-05	Vapor	19-Jan-16	19-Jan-16

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

DETECTIONS SUMMARY

Sample ID: **VP6-5** Laboratory ID: **E601061-01**

Analyte	Result	Reporting Limit	Units	Method	Notes
Tetrachloroethene	**0.27**	0.08	ug/l	H&P 8260SV	

Sample ID: **VP6-10** Laboratory ID: **E601061-02**

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	**0.08**	0.08	ug/l	H&P 8260SV	
Tetrachloroethene	**0.69**	0.08	ug/l	H&P 8260SV	

Sample ID: **VP6-20** Laboratory ID: **E601061-03**

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	**0.08**	0.08	ug/l	H&P 8260SV	
Trichloroethene	**0.15**	0.08	ug/l	H&P 8260SV	
Tetrachloroethene	**2.2**	0.08	ug/l	H&P 8260SV	

Sample ID: **VP6-30** Laboratory ID: **E601061-04**

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**0.16**	0.08	ug/l	H&P 8260SV	
Tetrachloroethene	**2.1**	0.08	ug/l	H&P 8260SV	

Sample ID: **VP6-30 REP** Laboratory ID: **E601061-05**

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	**0.08**	0.08	ug/l	H&P 8260SV	
Trichloroethene	**0.14**	0.08	ug/l	H&P 8260SV	
Tetrachloroethene	**2.1**	0.08	ug/l	H&P 8260SV	

Sample ID: **VP3-5** Laboratory ID: **E601061-06**

Analyte	Result	Reporting Limit	Units	Method	Notes
Tetrachloroethene	**0.28**	0.08	ug/l	H&P 8260SV	

Sample ID: **VP3-10** Laboratory ID: **E601061-07**

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	**0.08**	0.08	ug/l	H&P 8260SV	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Sample ID: **VP3-10** Laboratory ID: **E601061-07**

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**0.16**	0.08	ug/l	H&P 8260SV	
Tetrachloroethene	**0.80**	0.08	ug/l	H&P 8260SV	

Sample ID: **VP3-20** Laboratory ID: **E601061-08**

Analyte	Result	Reporting Limit	Units	Method	Notes
cis-1,2-Dichloroethene	**0.67**	0.40	ug/l	H&P 8260SV	
Benzene	**0.08**	0.08	ug/l	H&P 8260SV	
Trichloroethene	**1.8**	0.08	ug/l	H&P 8260SV	
Tetrachloroethene	**8.1**	0.08	ug/l	H&P 8260SV	

Sample ID: **VP3-30** Laboratory ID: **E601061-09**

Analyte	Result	Reporting Limit	Units	Method	Notes
cis-1,2-Dichloroethene	**70**	0.40	ug/l	H&P 8260SV	
Trichloroethene	**6.2**	0.08	ug/l	H&P 8260SV	
Tetrachloroethene	**16**	0.08	ug/l	H&P 8260SV	

Sample ID: **VP5-5** Laboratory ID: **E601061-10**

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	**0.08**	0.08	ug/l	H&P 8260SV	
Tetrachloroethene	**0.32**	0.08	ug/l	H&P 8260SV	

Sample ID: **VP5-10** Laboratory ID: **E601061-11**

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	**0.08**	0.08	ug/l	H&P 8260SV	
Tetrachloroethene	**0.59**	0.08	ug/l	H&P 8260SV	

Sample ID: **VP5-20** Laboratory ID: **E601061-12**

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**0.25**	0.08	ug/l	H&P 8260SV	
Tetrachloroethene	**1.2**	0.08	ug/l	H&P 8260SV	

Sample ID: **VP5-30** Laboratory ID: **E601061-13**

Analyte	Result	Reporting Limit	Units	Method	Notes

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Sample ID: **VP5-30** Laboratory ID: **E601061-13**

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**0.29**	0.08	ug/l	H&P 8260SV	
Tetrachloroethene	**1.5**	0.08	ug/l	H&P 8260SV	

Sample ID: **VP1-5** Laboratory ID: **E601061-14**

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**0.08**	0.08	ug/l	H&P 8260SV	
Tetrachloroethene	**5.3**	0.08	ug/l	H&P 8260SV	

Sample ID: **VP1-10** Laboratory ID: **E601061-15**

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**0.20**	0.08	ug/l	H&P 8260SV	
Tetrachloroethene	**16**	0.08	ug/l	H&P 8260SV	

Sample ID: **VP1-20** Laboratory ID: **E601061-16**

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**0.39**	0.08	ug/l	H&P 8260SV	
Tetrachloroethene	**33**	0.08	ug/l	H&P 8260SV	

Sample ID: **VP1-30** Laboratory ID: **E601061-17**

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**0.41**	0.08	ug/l	H&P 8260SV	
Tetrachloroethene	**47**	0.08	ug/l	H&P 8260SV	

Sample ID: **VP4R-5** Laboratory ID: **E601068-01**

Analyte	Result	Reporting Limit	Units	Method	Notes
Tetrachloroethene	**0.49**	0.08	ug/l	H&P 8260SV	

Sample ID: **VP4R-10** Laboratory ID: **E601068-02**

Analyte	Result	Reporting Limit	Units	Method	Notes
Tetrachloroethene	**2.0**	0.08	ug/l	H&P 8260SV	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Sample ID: **VP4R-10 REP** Laboratory ID: **E601068-03**

Analyte	Result	Reporting Limit	Units	Method	Notes
Tetrachloroethene	**1.9**	0.08	ug/l	H&P 8260SV	

Sample ID: **VP4R-20** Laboratory ID: **E601068-04**

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**0.19**	0.08	ug/l	H&P 8260SV	
Tetrachloroethene	**5.3**	0.08	ug/l	H&P 8260SV	

Sample ID: **VP4R-30** Laboratory ID: **E601068-05**

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**0.17**	0.08	ug/l	H&P 8260SV	
Tetrachloroethene	**7.1**	0.08	ug/l	H&P 8260SV	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP6-5 (E601061-01) Vapor Sampled: 18-Jan-16 Received: 18-Jan-16									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EA61810	18-Jan-16	18-Jan-16	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	ND	0.08	"	"	"	"	"	"	
Trichloroethene	ND	0.08	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	**0.27**	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	
o-Xylene	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*105 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*97.6 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8		*110 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*110 %*	*75-125*		"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP6-10 (E601061-02) Vapor Sampled: 18-Jan-16 Received: 18-Jan-16									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EA61810	18-Jan-16	18-Jan-16	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	**0.08**	0.08	"	"	"	"	"	"	
Trichloroethene	ND	0.08	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	**0.69**	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	
o-Xylene	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*107 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*106 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*110 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*107 %*		*75-125*	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP6-20 (E601061-03) Vapor Sampled: 18-Jan-16 Received: 18-Jan-16									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EA61810	18-Jan-16	18-Jan-16	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	**0.08**	0.08	"	"	"	"	"	"	
Trichloroethene	**0.15**	0.08	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	**2.2**	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	
o-Xylene	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*105 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*105 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8		*111 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*111 %*	*75-125*		"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP6-30 (E601061-04) Vapor Sampled: 18-Jan-16 Received: 18-Jan-16									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EA61810	18-Jan-16	18-Jan-16	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	ND	0.08	"	"	"	"	"	"	
Trichloroethene	**0.16**	0.08	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	**2.1**	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	
o-Xylene	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*107 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*103 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*112 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*108 %*		*75-125*	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP6-30 REP (E601061-05) Vapor Sampled: 18-Jan-16 Received: 18-Jan-16									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EA61810	18-Jan-16	18-Jan-16	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	**0.08**	0.08	"	"	"	"	"	"	
Trichloroethene	**0.14**	0.08	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	**2.1**	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	
o-Xylene	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*109 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*103 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*112 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*108 %*		*75-125*	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP3-5 (E601061-06) Vapor Sampled: 18-Jan-16 Received: 18-Jan-16									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EA61810	18-Jan-16	18-Jan-16	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	ND	0.08	"	"	"	"	"	"	
Trichloroethene	ND	0.08	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	**0.28**	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	
o-Xylene	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*103 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8		*112 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*108 %*	*75-125*		"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP3-10 (E601061-07) Vapor Sampled: 18-Jan-16 Received: 18-Jan-16									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EA61810	18-Jan-16	18-Jan-16	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	**0.08**	0.08	"	"	"	"	"	"	
Trichloroethene	**0.16**	0.08	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	**0.80**	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	
o-Xylene	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*104 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8		*109 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*108 %*	*75-125*		"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP3-20 (E601061-08) Vapor Sampled: 18-Jan-16 Received: 18-Jan-16									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EA61810	18-Jan-16	18-Jan-16	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**0.67**	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	**0.08**	0.08	"	"	"	"	"	"	
Trichloroethene	**1.8**	0.08	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	**8.1**	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	
o-Xylene	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*105 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8		*109 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*108 %*	*75-125*		"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP3-30 (E601061-09) Vapor Sampled: 18-Jan-16 Received: 18-Jan-16									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EA61810	18-Jan-16	18-Jan-16	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**70**	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	ND	0.08	"	"	"	"	"	"	
Trichloroethene	**6.2**	0.08	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	**16**	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	
o-Xylene	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*102 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*99.5 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*112 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*111 %*		*75-125*	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP5-5 (E601061-10) Vapor Sampled: 18-Jan-16 Received: 18-Jan-16									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EA61810	18-Jan-16	18-Jan-16	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	**0.08**	0.08	"	"	"	"	"	"	
Trichloroethene	ND	0.08	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	**0.32**	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	
o-Xylene	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*105 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8		*109 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*111 %*	*75-125*		"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP5-10 (E601061-11) Vapor Sampled: 18-Jan-16 Received: 18-Jan-16									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EA61810	18-Jan-16	18-Jan-16	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	**0.08**	0.08	"	"	"	"	"	"	
Trichloroethene	ND	0.08	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	**0.59**	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	
o-Xylene	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*105 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*106 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8		*113 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*106 %*	*75-125*		"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP5-20 (E601061-12) Vapor Sampled: 18-Jan-16 Received: 18-Jan-16									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EA61810	18-Jan-16	18-Jan-16	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	ND	0.08	"	"	"	"	"	"	
Trichloroethene	**0.25**	0.08	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	**1.2**	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	
o-Xylene	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*109 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*103 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*111 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*109 %*		*75-125*	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP5-30 (E601061-13) Vapor Sampled: 18-Jan-16 Received: 18-Jan-16									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EA61810	18-Jan-16	18-Jan-16	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	ND	0.08	"	"	"	"	"	"	
Trichloroethene	**0.29**	0.08	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	**1.5**	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	
o-Xylene	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*106 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*99.2 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8		*110 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*106 %*	*75-125*		"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP1-5 (E601061-14) Vapor Sampled: 18-Jan-16 Received: 18-Jan-16									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EA61810	18-Jan-16	18-Jan-16	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	ND	0.08	"	"	"	"	"	"	
Trichloroethene	**0.08**	0.08	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	**5.3**	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	
o-Xylene	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*104 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8		*111 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*105 %*	*75-125*		"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP1-10 (E601061-15) Vapor Sampled: 18-Jan-16 Received: 18-Jan-16									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EA61810	18-Jan-16	18-Jan-16	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	ND	0.08	"	"	"	"	"	"	
Trichloroethene	**0.20**	0.08	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	**16**	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	
o-Xylene	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*109 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8		*112 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*105 %*	*75-125*		"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP1-20 (E601061-16) Vapor Sampled: 18-Jan-16 Received: 18-Jan-16									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EA61810	18-Jan-16	18-Jan-16	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	ND	0.08	"	"	"	"	"	"	
Trichloroethene	**0.39**	0.08	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	**33**	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	
o-Xylene	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*105 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8		*109 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*105 %*	*75-125*		"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP1-30 (E601061-17) Vapor Sampled: 18-Jan-16 Received: 18-Jan-16									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EA61810	18-Jan-16	18-Jan-16	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	ND	0.08	"	"	"	"	"	"	
Trichloroethene	**0.41**	0.08	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	**47**	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	
o-Xylene	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*105 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8		*112 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*106 %*	*75-125*		"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP4R-5 (E601068-01) Vapor Sampled: 19-Jan-16 Received: 19-Jan-16									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EA61910	19-Jan-16	19-Jan-16	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	ND	0.08	"	"	"	"	"	"	
Trichloroethene	ND	0.08	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	**0.49**	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	
o-Xylene	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*109 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*105 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*112 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*106 %*		*75-125*	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP4R-10 (E601068-02) Vapor Sampled: 19-Jan-16 Received: 19-Jan-16									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EA61910	19-Jan-16	19-Jan-16	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	ND	0.08	"	"	"	"	"	"	
Trichloroethene	ND	0.08	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	**2.0**	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	
o-Xylene	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*104 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*98.0 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8		*109 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*107 %*	*75-125*		"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP4R-10 REP (E601068-03) Vapor Sampled: 19-Jan-16 Received: 19-Jan-16									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EA61910	19-Jan-16	19-Jan-16	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	ND	0.08	"	"	"	"	"	"	
Trichloroethene	ND	0.08	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	**1.9**	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	
o-Xylene	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*104 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*99.3 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*110 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*109 %*		*75-125*	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP4R-20 (E601068-04) Vapor Sampled: 19-Jan-16 Received: 19-Jan-16									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EA61910	19-Jan-16	19-Jan-16	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	ND	0.08	"	"	"	"	"	"	
Trichloroethene	**0.19**	0.08	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	**5.3**	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	
o-Xylene	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*106 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*106 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*111 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*110 %*		*75-125*	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP4R-30 (E601068-05) Vapor Sampled: 19-Jan-16 Received: 19-Jan-16									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EA61910	19-Jan-16	19-Jan-16	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	ND	0.08	"	"	"	"	"	"	
Trichloroethene	**0.17**	0.08	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	**7.1**	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	
o-Xylene	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*106 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*98.3 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8		*111 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*109 %*	*75-125*		"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Volatile Organic Compounds by H&P 8260SV - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EA61810 - EPA 5030										
Blank (EA61810-BLK1)				Prepared & Analyzed: 18-Jan-16						
1,1-Difluoroethane (LCC)	ND	0.40	ug/l							
Dichlorodifluoromethane (F12)	ND	0.40	"							
Vinyl chloride	ND	0.04	"							
Chloroethane	ND	0.40	"							
Trichlorofluoromethane (F11)	ND	0.40	"							
1,1-Dichloroethene	ND	0.40	"							
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"							
Methylene chloride (Dichloromethane)	ND	0.40	"							
trans-1,2-Dichloroethene	ND	0.40	"							
1,1-Dichloroethane	ND	0.40	"							
cis-1,2-Dichloroethene	ND	0.40	"							
Chloroform	ND	0.08	"							
1,1,1-Trichloroethane	ND	0.40	"							
Carbon tetrachloride	ND	0.08	"							
1,2-Dichloroethane (EDC)	ND	0.08	"							
Benzene	ND	0.08	"							
Trichloroethene	ND	0.08	"							
Toluene	ND	0.80	"							
1,1,2-Trichloroethane	ND	0.40	"							
Tetrachloroethene	ND	0.08	"							
Ethylbenzene	ND	0.40	"							
1,1,1,2-Tetrachloroethane	ND	0.40	"							
m,p-Xylene	ND	0.40	"							
o-Xylene	ND	0.40	"							
1,1,2,2-Tetrachloroethane	ND	0.40	"							
Surrogate: Dibromofluoromethane	*2.17*		*"*	*2.00*		*108*	*75-125*			
Surrogate: 1,2-Dichloroethane-d4	*2.11*		*"*	*2.00*		*106*	*75-125*			
Surrogate: Toluene-d8	*2.22*		*"*	*2.00*		*111*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*2.18*		*"*	*2.00*		*109*	*75-125*			

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Volatile Organic Compounds by H&P 8260SV - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EA61810 - EPA 5030										
LCS (EA61810-BS1)				Prepared & Analyzed: 18-Jan-16						
Dichlorodifluoromethane (F12)	3.7	0.50	ug/l	5.00		73.7	70-130			
Vinyl chloride	5.1	0.05	"	5.00		102	70-130			
Chloroethane	5.7	0.50	"	5.00		114	70-130			
Trichlorofluoromethane (F11)	5.0	0.50	"	5.00		99.6	70-130			
1,1-Dichloroethene	5.7	0.50	"	5.00		114	70-130			
1,1,2 Trichlorotrifluoroethane (F113)	6.1	0.50	"	5.00		122	70-130			
Methylene chloride (Dichloromethane)	5.5	0.50	"	5.00		109	70-130			
trans-1,2-Dichloroethene	5.6	0.50	"	5.00		112	70-130			
1,1-Dichloroethane	5.4	0.50	"	5.00		107	70-130			
cis-1,2-Dichloroethene	5.6	0.50	"	5.00		112	70-130			
Chloroform	5.5	0.10	"	5.00		111	70-130			
1,1,1-Trichloroethane	5.2	0.50	"	5.00		105	70-130			
Carbon tetrachloride	5.3	0.10	"	5.00		106	70-130			
1,2-Dichloroethane (EDC)	5.1	0.10	"	5.00		102	70-130			
Benzene	5.3	0.10	"	5.00		107	70-130			
Trichloroethene	5.7	0.10	"	5.00		115	70-130			
Toluene	5.0	1.0	"	5.00		99.2	70-130			
1,1,2-Trichloroethane	5.5	0.50	"	5.00		110	70-130			
Tetrachloroethene	5.5	0.10	"	5.00		111	70-130			
Ethylbenzene	5.1	0.50	"	5.00		102	70-130			
1,1,1,2-Tetrachloroethane	5.2	0.50	"	5.00		104	70-130			
m,p-Xylene	10	0.50	"	10.0		102	70-130			
o-Xylene	5.1	0.50	"	5.00		102	70-130			
1,1,2,2-Tetrachloroethane	4.9	0.50	"	5.00		98.5	70-130			
Surrogate: Dibromofluoromethane	*2.67*		*"*	*2.50*		*107*	*75-125*			
Surrogate: 1,2-Dichloroethane-d4	*2.53*		*"*	*2.50*		*101*	*75-125*			
Surrogate: Toluene-d8	*2.84*		*"*	*2.50*		*114*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*2.82*		*"*	*2.50*		*113*	*75-125*			

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Volatile Organic Compounds by H&P 8260SV - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EA61910 - EPA 5030										
Blank (EA61910-BLK1)				Prepared & Analyzed: 19-Jan-16						
1,1-Difluoroethane (LCC)	ND	0.40	ug/l							
Dichlorodifluoromethane (F12)	ND	0.40	"							
Vinyl chloride	ND	0.04	"							
Chloroethane	ND	0.40	"							
Trichlorofluoromethane (F11)	ND	0.40	"							
1,1-Dichloroethene	ND	0.40	"							
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"							
Methylene chloride (Dichloromethane)	ND	0.40	"							
trans-1,2-Dichloroethene	ND	0.40	"							
1,1-Dichloroethane	ND	0.40	"							
cis-1,2-Dichloroethene	ND	0.40	"							
Chloroform	ND	0.08	"							
1,1,1-Trichloroethane	ND	0.40	"							
Carbon tetrachloride	ND	0.08	"							
1,2-Dichloroethane (EDC)	ND	0.08	"							
Benzene	ND	0.08	"							
Trichloroethene	ND	0.08	"							
Toluene	ND	0.80	"							
1,1,2-Trichloroethane	ND	0.40	"							
Tetrachloroethene	ND	0.08	"							
Ethylbenzene	ND	0.40	"							
1,1,1,2-Tetrachloroethane	ND	0.40	"							
m,p-Xylene	ND	0.40	"							
o-Xylene	ND	0.40	"							
1,1,2,2-Tetrachloroethane	ND	0.40	"							
Surrogate: Dibromofluoromethane	*2.14*		*"*	*2.00*		*107*	*75-125*			
Surrogate: 1,2-Dichloroethane-d4	*2.07*		*"*	*2.00*		*104*	*75-125*			
Surrogate: Toluene-d8	*2.20*		*"*	*2.00*		*110*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*2.16*		*"*	*2.00*		*108*	*75-125*			

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Volatile Organic Compounds by H&P 8260SV - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EA61910 - EPA 5030										
LCS (EA61910-BS1)				Prepared & Analyzed: 19-Jan-16						
Dichlorodifluoromethane (F12)	3.6	0.50	ug/l	5.00		71.6	70-130			
Vinyl chloride	5.0	0.05	"	5.00		99.4	70-130			
Chloroethane	5.6	0.50	"	5.00		111	70-130			
Trichlorofluoromethane (F11)	4.7	0.50	"	5.00		95.0	70-130			
1,1-Dichloroethene	5.4	0.50	"	5.00		107	70-130			
1,1,2 Trichlorotrifluoroethane (F113)	5.7	0.50	"	5.00		115	70-130			
Methylene chloride (Dichloromethane)	5.4	0.50	"	5.00		108	70-130			
trans-1,2-Dichloroethene	5.3	0.50	"	5.00		107	70-130			
1,1-Dichloroethane	5.1	0.50	"	5.00		101	70-130			
cis-1,2-Dichloroethene	5.4	0.50	"	5.00		108	70-130			
Chloroform	5.2	0.10	"	5.00		105	70-130			
1,1,1-Trichloroethane	5.0	0.50	"	5.00		101	70-130			
Carbon tetrachloride	5.3	0.10	"	5.00		106	70-130			
1,2-Dichloroethane (EDC)	4.9	0.10	"	5.00		98.5	70-130			
Benzene	5.0	0.10	"	5.00		99.1	70-130			
Trichloroethene	5.4	0.10	"	5.00		108	70-130			
Toluene	4.6	1.0	"	5.00		92.7	70-130			
1,1,2-Trichloroethane	5.4	0.50	"	5.00		107	70-130			
Tetrachloroethene	5.1	0.10	"	5.00		102	70-130			
Ethylbenzene	4.8	0.50	"	5.00		95.2	70-130			
1,1,1,2-Tetrachloroethane	5.0	0.50	"	5.00		101	70-130			
m,p-Xylene	9.7	0.50	"	10.0		96.7	70-130			
o-Xylene	4.8	0.50	"	5.00		96.0	70-130			
1,1,2,2-Tetrachloroethane	5.0	0.50	"	5.00		99.4	70-130			
Surrogate: Dibromofluoromethane	*2.67*		*"*	*2.50*		*107*	*75-125*			
Surrogate: 1,2-Dichloroethane-d4	*2.56*		*"*	*2.50*		*102*	*75-125*			
Surrogate: Toluene-d8	*2.76*		*"*	*2.50*		*110*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*2.75*		*"*	*2.50*		*110*	*75-125*			

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Notes and Definitions

LCC	Leak Check Compound
ND	Analyte NOT DETECTED at or above the reporting limit
MDL	Method Detection Limit
%REC	Percent Recovery
RPD	Relative Percent Difference

Appendix

H&P Mobile Geochemistry, Inc. is approved as an Environmental Testing Laboratory and Mobile Laboratory in accordance with the DoD-ELAP and the ISO 17025 programs, certification number L11-175.

H&P is approved by the State of Arizona as an Environmental Testing Laboratory and Mobile Laboratory, certification numbers AZM758 and AZ0779.

H&P is approved by the State of California as an Environmental Laboratory and Mobile Laboratory in conformance with the Environmental Laboratory Accreditation Program (ELAP) for the category of Volatile and Semi-Volatile Organic Chemistry of Hazardous Waste, certification numbers 2740, 2741, 2743, 2744, 2745, 2754 & 2930.

H&P is approved by the State of Florida Department of Health under the National Environmental Laboratory Accreditation Conference (NELAC) certification number E871100.

The complete list of stationary and mobile laboratory certifications along with the fields of testing (FOTs) and analyte lists are available at www.handpmg.com/about/certifications.

Mobile Geochemistry, Inc.
2470 Impala Drive, Carlsbad, CA 92010
& Field Office - Signal Hill, CA
W handpmg.com E info@handpmg.com
P 760.804.9678 F 760.804.9159

VAPOR / AIR Chain of Custody

DATE: 1/19/16
Page 1 of 1

Lab Client and Project Information

Lab Client/Consultant: Burns & McDonnell	Project Name / #: 65805
Lab Client Project Manager: Erik Brenegan	Project Location: 3505 Pasadena Ave LA
Lab Client Address: 8201 Norman Center Dr Ste 200	Report E-Mail(s): ebrenegan@burnsmcd.com sryan@burnsmcd.com
Lab Client City, State, Zip: Bloomington, MN 55437	
Phone Number: 952-656-3679	

Sample Receipt (Lab Use Only)

Date Rec'd: 1/19/16	Control #: 160068.00
H&P Project #	BM011816-SB2
Lab Work Order #	EG01068 / EAG1910
Sample Intact: ☒ Yes ☐ No ☐ See Notes Below	
Receipt Gauge ID:	Temp:
Outside Lab:	
Receipt Notes/Tracking #:	
Lab PM Initials:	

Reporting Requirements	Turnaround Time	Sampler Information
☒ Standard Report ☐ Level III ☐ Level IV	☐ 5-7 day Stnd ☐ 24-Hr Rush	Sampler(s): D. D'G
☐ Excel EDD ☐ Other EDD:	☐ 3-day Rush ☒ Mobile Lab	Signature:
☒ CA Geotracker Global ID:	☐ 48-Hr Rush ☐ Other:	Date: 1/19/16

Additional Instructions to Laboratory:

☒ Check if Project Analyte List is Attached

*Preferred VOC units (please choose one):

☒ µg/L ☐ µg/m³ ☐ ppbv ☐ ppmv

	SAMPLE NAME	FIELD POINT NAME (if applicable)	DATE mm/dd/yy	TIME 24hr clock	SAMPLE TYPE Indoor Air (IA), Ambient Air (AA), Subslab (SS), Soil Vapor (SV)	CONTAINER SIZE & TYPE 400mL/1L/6L Summa or Tedlar or Tube	CONTAINER ID (###)	Lab use only: Receipt Vac	VOCs Standard Full List ☒ 8260SV ☐ TO-15	VOCs Short List / Project List ☐ 8260SV ☐ TO-15	Oxygenates ☐ 8260SV ☐ TO-15	Naphthalene ☐ 8260SV ☐ TO-15 ☐ TO-17m	TPHv as Gas ☐ 8260SVm ☐ TO-15m	TPHv as Diesel (sorbent tube) ☐ TO-17m	Aromatic/Aliphatic Fractions ☐ 8260SVm ☐ TO-15m	Leak Check Compound ☒ DFA ☐ IPA ☐ He	Methane by EPA 8015m	Fixed Gases by ASTM D1945 ☐ CO2 ☐ O2 ☐ N2			
1	VP4R-5		1/19/16	0805	SV	glass syringe	209		X							X					
2	VP4R-10			0815			114		X							X					
3	VP4R-10 REP			0816			149		X							X					
4	VP4R-20			0835			204		X							X					
5	VP4R-30			0900			87		X							X					

Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:
[illegible]	Burns & McDonnell	1/20/16	11:08				
					H&P	1/19/16	10:00

*Approval constitutes as authorization to proceed with analysis and acceptance of conditions on back

Rev 08/18/2014

H&P Mobile Geochemistry, Inc.
2470 Impala Drive, Carlsbad, CA 92010
& Field Office - Signal Hill, CA
W handpmg.com E info@handpmg.com
P 760.804.9678 F 760.804.9159

VAPOR / AIR Chain of Custody

DATE: 1/18/16
Page 2 of 2

Lab Client and Project Information

Lab Client/Consultant: Burns & Mcdonnell	Project Name / #: G5805
Lab Client Project Manager: Erik Brenegan	Project Location: 3505 Pasadena Ave LA
Lab Client Address: 8201 Norman Center Dr Ste 200	Report E-Mail(s): ebrenegan@burnsmcd.com sryno@burnsmcd.com
Lab Client City, State, Zip: Bloomington, MN 55437	
Phone Number: 952-656-3679	

Sample Receipt (Lab Use Only)

Date Rec'd: 1/18/16	Control #: 160068.00
H&P Project # BM011816-SB2	
Lab Work Order # EG01061 / EA G1810	
Sample Intact: ☒ Yes ☐ No ☐ See Notes Below	
Receipt Gauge ID:	Temp:
Outside Lab:	
Receipt Notes/Tracking #:	
Lab PM Initials:	

Reporting Requirements

☒ Standard Report ☐ Level III ☐ Level IV
☐ Excel EDD ☐ Other EDD:
☒ CA Geotracker Global ID:

Turnaround Time

☐ 5-7 day Stnd ☐ 24-Hr Rush
☐ 3-day Rush ☒ Mobile Lab
☐ 48-Hr Rush ☐ Other:

Sampler Information

Sampler(s): D. Do
Signature:
Date: 1/18/16

Additional Instructions to Laboratory:

☒ Check if Project Analyte List is Attached
** Preferred VOC units (please choose one):*
☒ µg/L ☐ µg/m³ ☐ ppbv ☐ ppmv

	SAMPLE NAME	FIELD POINT NAME (if applicable)	DATE mm/dd/yy	TIME 24hr clock	SAMPLE TYPE Indoor Air (IA), Ambient Air (AA), Subslab (SS), Soil Vapor (SV)	CONTAINER SIZE & TYPE 400mL/1L/6L Summa or Tedlar or Tube	CONTAINER ID (###)	Lab use only: Receipt Vac	VOCs Standard Full List ☒ 8260SV ☐ TO-15	VOCs Short List / Project List ☐ 8260SV ☐ TO-15	Oxygenates ☐ 8260SV ☐ TO-15	Naphthalene ☐ 8260SV ☐ TO-15 ☐ TO-17m	TPHv as Gas ☐ 8260SVm ☐ TO-15m	TPHv as Diesel (sorbent tube) ☐ TO-17m	Aromatic/Aliphatic Fractions ☐ 8260SVm ☐ TO-15m	Leak Check Compound ☒ DFA ☐ IPA ☐ He	Methane by EPA 8015m	Fixed Gases by ASTM D1945 ☐ CO2 ☐ O2 ☐ N2			
11	VPS-10		1/18/16	1020	SV	glass syringe	203		X							X					
12	VPS-20			1030			114		X							X					
13	VPS-30			1040			209		X							X					
14	VPI-5			1135			112		X							X					
15	VPI-10			1145			87		X							X					
16	VPI-20			1155			149		X							X					
17	VPI-30			1205			204		X							X					

Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:
Burns & McDonnell		1/26/16	11:07 AM		H&P	1/18/16	1230
Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:
Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:

**Approval constitutes as authorization to proceed with analysis and acceptance of conditions on back*

Rev 08/18/2014

H&P Mobile Geochemistry, Inc.
2470 Impala Drive, Carlsbad, CA 92010
& Field Office - Signal Hill, CA
W handpmg.com E info@handpmg.com
P 760.804.9678 F 760.804.9159

VAPOR / AIR Chain of Custody

DATE: 1/18/16
Page 1 of 2

Lab Client and Project Information

Lab Client/Consultant: Burns & Mcdonnell	Project Name / #: 65805
Lab Client Project Manager: Erik Brenegam	Project Location: 3505 Pasadena Ave LA.
Lab Client Address: 8201 Norma Cantor Dr Ste 200	Report E-Mail(s): ebrenegam@burnsmcd.com srynd@burnsmcd.com
Lab Client City, State, Zip: Bloomington, MN 55437	
Phone Number: 952-656-3679	

Sample Receipt (Lab Use Only)

Date Rec'd: 1/18/16	Control #: 160068.00
H&P Project # BM011816-SV2	
Lab Work Order # E601061 / EA61810	
Sample Intact: ☒ Yes ☐ No ☐ See Notes Below	
Receipt Gauge ID:	Temp:
Outside Lab:	
Receipt Notes/Tracking #:	
Lab PM Initials:	

Reporting Requirements

☒ Standard Report ☐ Level III ☐ Level IV
☐ Excel EDD ☐ Other EDD:_____
☒ CA Geotracker Global ID:_____

Turnaround Time

☐ 5-7 day Stnd ☐ 24-Hr Rush
☐ 3-day Rush ☒ Mobile Lab
☐ 48-Hr Rush ☐ Other:____

Sampler Information

Sampler(s): D. Do
Signature: [signature]
Date: 1/18/16

Additional Instructions to Laboratory:

☒ Check if Project Analyte List is Attached
** Preferred VOC units (please choose one):*
☒ µg/L ☐ µg/m³ ☐ ppbv ☐ ppmv

	SAMPLE NAME	FIELD POINT NAME (if applicable)	DATE mm/dd/yy	TIME 24hr clock	SAMPLE TYPE Indoor Air (IA), Ambient Air (AA), Subslab (SS), Soil Vapor (SV)	CONTAINER SIZE & TYPE 400mL/1L/6L Summa or Tedlar or Tube	CONTAINER ID (###)	Lab use only: Receipt Vac	VOCs Standard Full List ☒ 8260SV ☐ TO-15	VOCs Short List / Project List ☐ 8260SV ☐ TO-15	Oxygenates ☐ 8260SV ☐ TO-15	Naphthalene ☐ 8260SV ☐ TO-15 ☐ TO-17m	TPHv as Gas ☐ 8260SVm ☐ TO-15m	TPHv as Diesel (sorbent tube) ☐ TO-17m	Aromatic/Aliphatic Fractions ☐ 8260SVm ☐ TO-15m	Leak Check Compound ☒ DFA ☐ IPA ☐ He	Methane by EPA 8015m	Fixed Gases by ASTM D1945 ☐ CO2 ☐ O2 ☐ N2			
1	VP6-5		1/18/16	0810	SV	glass syringe	87		X							X					
2	VP6-10			0818			211		X							X					
3	VP6-20			0830			203		X							X					
4	VP6-30			0840			209		X							X					
5	VP6-30 REP			0841			114		X							X					
6	VP3-5			0932			149		X							X					
7	VP3-10			0940			112		X							X					
8	VP3-20			0950			209		X							X					
9	VP3-30			1000			87		X							X					
10	VP5-5			1010			211		X							X					

Approved/Relinquished by: [signature]	Company: Burns & McDonnell	Date: 1/26/16	Time: 11:07 AM	Received by: [signature]	Company: H&P	Date: 1/18/16	Time: 1230
Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:
Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:

*Approval constitutes as authorization to proceed with analysis and acceptance of conditions on back

H&P Mobile Geochemistry, Inc.
2470 Impala Drive, Carlsbad, CA 92010
Field Office in Signal Hill, CA (Los Angeles)
Ph: 800-834-9888 www.handpmg.com

H&P Method 8260SV (Modified EPA 8260B)
Soil Vapor VOC List per DTSC

Compound - Short List	*CAS #*	*Low RL* Vapor (µg/L)*
Dichlorodifluoromethane (Freon 12)	75-71-8	0.4
Vinyl chloride	75-01-4	0.04
Chloroethane	75-00-3	0.4
Trichlorofluoromethane (F11)	75-69-4	0.4
1,1-Dichloroethene	75-35-4	0.4
1,1,2-Trichlorotrifluoroethane (F113)	76-13-1	0.4
Methylene chloride (Dichloromethane)	75-09-2	0.4
trans-1,2-Dichloroethene	156-60-5	0.4
1,1-Dichloroethane	75-34-3	0.4
cis-1,2-Dichloroethene	156-59-2	0.4
Chloroform	67-66-3	0.08
1,1,1-Trichloroethane	71-55-6	0.4
Carbon tetrachloride	56-23-5	0.08
1,2-Dichloroethane (EDC)	107-06-2	0.08
Benzene	71-43-2	0.08
Trichloroethene	79-01-6	0.08
Toluene	108-88-3	0.8
1,1,2-Trichloroethane	79-00-5	0.4
Tetrachloroethene	127-18-4	0.08
1,1,1,2-Tetrachloroethane	630-20-6	0.4
Ethylbenzene	100-41-4	0.4
m,p-Xylene	179601-23-1	0.4
o-Xylene	95-47-6	0.4
1,1,2,2-Tetrachloroethane	79-34-5	0.4
Leak Check Compound		
1,1-Difluoroethane (LCC)	75-37-6	0.4

**NOTE: Low RLs can be achieved using a 25cc large volume injection - (Commercial CHHSLs)*

H&P Mobile Geochemistry Inc.

Log Sheet: Soil Vapor Sampling with Syringe

FMS004
Revision: 2
Revised: 12/4/14
Effective: 1/1/15
Page 1 of 1

H&P Project #: BM011816-SB2 | Date: 1/18/16
Site Address: 3505 Pasadena Ave LA | Page: 1 of 2
Consultant: Burns and McDonnell | H&P Rep(s): D. Do
Consultant Rep(s): N/A | Reviewed: DB | Scanned: DB

Purge Volume Calculation

PVT Probe ID, if applicable:			
Tubing:	Length:	Diameter:	1 Volume:
Sand Pack:	Height:	Diameter:	1 Volume:
Dry Bentonite:	Height:	Diameter:	1 Volume:
PVT Increments:	___PV=	___PV=	___PV =
PV Amount Selected:	Same	Selected by:	per jobsheet

Sample Volume

☒ 50cc Glass Syringe ☐ 100cc Glass Syringe ☐ Other_____

Leak Check Compound

☒ 1,1-DFA ☐ 1,1,1,2-TFA ☐ IPA ☐ Other_____

A cloth saturated with LCC is placed around tubing connections and at the probe seal. This is done prior to every soil vapor sample collected unless otherwise noted in the field notes below.

	Sample Information				Probe Specs							Collection Information				
	Point ID	Syringe ID	Date	Sample Time	Probe Depth (ft)	Tubing Length (ft)	Tubing Dia (in.)	Sand Pack Ht (in.)	Sand Pack Dia (in.)	Dry Bent. Ht (in.)	Dry Bent. Dia (in.)	Purge Vol (mL)	Shut-in Test (✓=Pass)	Flow Rate (mL/min)	Probe Vacuum ("Hg)	Field Notes
1	VPG-5	87	1/18	0810	5	7	1/4	12	8	0	8	125	✓	<200	0	
2	VPG-10	211		0818	10	12	1/4	12	8	0	8	250	✓	<200	0	
3	VPG-20	203		0830	20	22	1/4	12	8	0	8	700	✓	200	0	3:30
4	VPG-30	209		0840	30	32	1/4	12	8	0	8	1050	✓	200	0	5:15
5	VPG-30REP	114		0841	30	32	1/4	12	8	0	8	1100	✓	200	0	
6	VP3-5	149		0932	5	7	1/4	12	8	0	8	125	✓	<200	02	
7	VP3-10	117		0940	10	12	1/4	12	8	0	8	250	✓	<200	2	
8	VP3-20	204		0950	20	22	1/4	12	8	0	8	700	✓	200	0	3:30
9	VP3-30	87		1000	30	32	1/4	12	8	0	8	~~700~~ 1050	✓	200	0	5:15
10	VP5-5	211		1010	5	7	1/4	12	8	0	8	125	✓	<200	0	⊗
11	VP5-10	203		1020	10	12	1/4	12	8	0	8	250	✓	<200	0	⊗
12	VP5-20	114	↓	1030	20	22	1/4	12	8	0	8	700	✓	200	0	⊗ 3:30

Site Notes (e.g. weather, visitors, scope deviations, health & safety issues, etc.):
Used same purge volumes as previous events per jobsheet
⊗ probe cracked. cut, used luer fitting to extend probe - 8 luer-fittings used total.

H&P Mobile Geochemistry Inc.

FMS004
Revision: 2
Revised: 12/4/14
Effective: 1/1/15
Page 1 of 1

Log Sheet: Soil Vapor Sampling with Syringe

H&P Project #: BMD11816-SB2 | Date: 1/18/16
Site Address: 3505 Pasadena Ave LA | Page: 2 of 2
Consultant: Burns & McDonnell | H&P Rep(s): D. Do
Consultant Rep(s): N/A

Reviewed: DB
Scanned: DB

Purge Volume Calculation			
PVT Probe ID, if applicable:			
Tubing:	Length:	Diameter:	1 Volume:
Sand Pack:	Height:	Diameter:	1 Volume:
Dry Bentonite:	Height:	Diameter:	1 Volume:
PVT Increments:	___PV =	___PV=	___PV =
PV Amount Selected:	Same	Selected by:	jobsheet

Sample Volume
☒ 50cc Glass Syringe ☐ 100cc Glass Syringe ☐ Other_____

Leak Check Compound
☒ 1,1-DFA ☐ 1,1,1,2-TFA ☐ IPA ☐ Other_____

A cloth saturated with LCC is placed around tubing connections and at the probe seal. This is done prior to every soil vapor sample collected unless otherwise noted in the field notes below.

	Sample Information				Probe Specs							Collection Information				
	Point ID	Syringe ID	Date	Sample Time	Probe Depth (ft)	Tubing Length (ft)	Tubing Dia (in.)	Sand Pack Ht (in.)	Sand Pack Dia (in.)	Dry Bent. Ht (in.)	Dry Bent. Dia (in.)	Purge Vol (mL)	Shut-in Test (✓=Pass)	Flow Rate (mL/min)	Probe Vacuum ("Hg)	Field Notes
1	VP5-30	209	1/18	1040	30	32	1/4	12	8	0	8	1050	✓	200	0	⊛ 5:15
2	VP1-5	112	↓	1135	5	7	1/4	12	8	0	8	125	✓	<200	0	
3	VP1-10	87		1145	10	12	1/4	12	8	0	8	250	✓	<200	0	
4	VP1-20	149		1155	20	22	1/4	12	8	0	8	700	✓	200	0	3:30
5	VP1-30	204	↓	1205	30	32	1/4	12	8	0	8	1050	✓	200	0	5:15
6																
7																
8																
9																
10																
11																
12																

Site Notes (e.g. weather, visitors, scope deviations, health & safety issues, etc.):
Used same purge volumes as previous events per jobsheet.

H&P Mobile Geochemistry Inc.

FMS004
Revision: 2
Revised: 12/4/14
Effective: 1/1/15
Page 1 of 1

Log Sheet: Soil Vapor Sampling with Syringe

H&P Project #: BM011816-SB2 | Date: 1/19/16
Site Address: 3505 Pasadena Ave LA | Page: 1 of 1
Consultant: Burns & McDonnell | H&P Rep(s): D. Do
Consultant Rep(s): N/A

Reviewed: DB
Scanned: DB

Purge Volume Calculation			
PVT Probe ID, if applicable:			
Tubing:	Length:	Diameter:	1 Volume:
Sand Pack:	Height:	Diameter:	1 Volume:
Dry Bentonite:	Height:	Diameter:	1 Volume:
PVT Increments:	___PV=	___PV=	___PV =
PV Amount Selected:	Same	Selected by:	Jobsheet

Sample Volume
☒ 50cc Glass Syringe ☐ 100cc Glass Syringe ☐ Other_____

Leak Check Compound
☒ 1,1-DFA ☐ 1,1,1,2-TFA ☐ IPA ☐ Other_____

A cloth saturated with LCC is placed around tubing connections and at the probe seal. This is done prior to every soil vapor sample collected unless otherwise noted in the field notes below.

	Sample Information				Probe Specs							Collection Information					
	Point ID	Syringe ID	Date	Sample Time	Probe Depth (ft)	Tubing Length (ft)	Tubing Dia (in.)	Sand Pack Ht (in.)	Sand Pack Dia (in.)	Dry Bent. Ht (in.)	Dry Bent. Dia (in.)	Purge Vol (mL)	Shut-in Test (✓=Pass)	Flow Rate (mL/min)	Probe Vacuum ("Hg)	Field Notes
1	VP4R-5	209	1/19	0805	5	7	1/4	12	8	0	8	125	✓	<200	0	
2	VP4R-10	114	↓	0815	10	12	1/4	12	8	0	8	250	✓	<200	0	
3	VP4R-10 REP	149	↓	0816	10	12	1/4	12	8	0	8	300	✓	<200	0	
4	VP4R-20	204	↓	0835	20	22	1/4	12	8	0	8	700	✓	200	0	3:30
5	VP4R-30	87	↓	0900	30	32	1/4	12	8	0	8	1050	✓	200	0	5:15
6																
7																
8																
9																
10																
11																
12																

Site Notes (e.g. weather, visitors, scope deviations, health & safety issues, etc.):
Used same purge volumes as previous events per jobsheet

eurofins | Calscience

WORK ORDER NUMBER: 16-03-1400

The difference is service

AIR | SOIL | WATER | MARINE CHEMISTRY

Analytical Report For

Client: Burns & McDonnell

Client Project Name: AmeriPride - LA / 89698

Attention: Erik Brenegan
8201 Norman Center Drive
Suite 300
Bloomington, MN 55437-0001

Vikas Patel

Approved for release on 03/24/2016 by:
Vikas Patel
Project Manager

ResultLink

Email your PM

Eurofins Calscience, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

eurofins | Calscience

Contents

Client Project Name: AmeriPride - LA / 89698
Work Order Number: 16-03-1400

1 Work Order Narrative. 3

2 Sample Summary. 4

3 Detections Summary. 5

4 Client Sample Data. 7
4.1 EPA 8260B Volatile Organics (Aqueous). 7

5 Quality Control Sample Data. 49
5.1 MS/MSD. 49
5.2 LCS/LCSD. 50

6 Sample Analysis Summary. 52

7 Glossary of Terms and Qualifiers. 53

8 Chain-of-Custody/Sample Receipt Form. 54

eurofins | Calscience

Work Order Narrative

Work Order: 16-03-1400 Page 1 of 1

Condition Upon Receipt:

Samples were received under Chain-of-Custody (COC) on 03/17/16. They were assigned to Work Order 16-03-1400.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

Holding Times:

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

Quality Control:

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

Subcontractor Information:

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

Additional Comments:

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

Return to Contents

eurofins | Calscience

Sample Summary

Client:	Burns & McDonnell	Work Order:	16-03-1400
	8201 Norman Center Drive, Suite 300	Project Name:	AmeriPride - LA / 89698
	Bloomington, MN 55437-0001	PO Number:	
		Date/Time Received:	03/17/16 20:05
		Number of Containers:	92
Attn:	Erik Brenegan		

Sample Identification	Lab Number	Collection Date and Time	Number of Containers	Matrix
MW-16C	16-03-1400-1	03/15/16 13:30	5	Aqueous
MW-16B	16-03-1400-2	03/15/16 14:20	5	Aqueous
K-1	16-03-1400-3	03/15/16 15:08	5	Aqueous
MW-10B	16-03-1400-4	03/15/16 16:42	5	Aqueous
MW-10A	16-03-1400-5	03/15/16 17:00	5	Aqueous
MW-9A	16-03-1400-6	03/15/16 17:54	5	Aqueous
MW-7	16-03-1400-7	03/15/16 19:18	5	Aqueous
MW-13A	16-03-1400-8	03/16/16 05:00	5	Aqueous
MW-13B	16-03-1400-9	03/16/16 05:30	5	Aqueous
MW-14	16-03-1400-10	03/16/16 06:35	5	Aqueous
MW-15	16-03-1400-11	03/16/16 07:40	5	Aqueous
MW-3	16-03-1400-12	03/16/16 09:26	5	Aqueous
MW-12	16-03-1400-13	03/16/16 10:20	5	Aqueous
MW-11	16-03-1400-14	03/16/16 11:46	5	Aqueous
MW-16A	16-03-1400-15	03/16/16 12:32	5	Aqueous
Dup-2	16-03-1400-16	03/16/16 00:00	5	Aqueous
Dup-1	16-03-1400-17	03/15/16 00:00	5	Aqueous
FB-1	16-03-1400-18	03/15/16 00:00	5	Aqueous
TB	16-03-1400-19	03/15/16 00:00	2	Aqueous

Return to Contents

eurofins | Calscience

Detections Summary

Client:	Burns & McDonnell	Work Order:	16-03-1400
	8201 Norman Center Drive, Suite 300	Project Name:	AmeriPride - LA / 89698
	Bloomington, MN 55437-0001	Received:	03/17/16
Attn:	Erik Brenegan		

Client SampleID / Analyte	Result	Qualifiers	RL	Units	Method	Extraction
MW-16B (16-03-1400-2)						
Tetrachloroethene	2.5		1.0	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	1.5		1.0	ug/L	EPA 8260B	EPA 5030C
K-1 (16-03-1400-3)						
Tetrachloroethene	1.1		1.0	ug/L	EPA 8260B	EPA 5030C
MW-10B (16-03-1400-4)						
c-1,2-Dichloroethene	8.6		1.0	ug/L	EPA 8260B	EPA 5030C
MW-10A (16-03-1400-5)						
c-1,2-Dichloroethene	13		1.0	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	3.5		1.0	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	2.9		1.0	ug/L	EPA 8260B	EPA 5030C
MW-9A (16-03-1400-6)						
c-1,2-Dichloroethene	11		1.0	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	1.6		1.0	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	1.2		1.0	ug/L	EPA 8260B	EPA 5030C
MW-7 (16-03-1400-7)						
c-1,2-Dichloroethene	2.2		1.0	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	2.4		1.0	ug/L	EPA 8260B	EPA 5030C
MW-13A (16-03-1400-8)						
Tetrachloroethene	2.5		1.0	ug/L	EPA 8260B	EPA 5030C
MW-13B (16-03-1400-9)						
Tetrachloroethene	1.4		1.0	ug/L	EPA 8260B	EPA 5030C
MW-14 (16-03-1400-10)						
c-1,2-Dichloroethene	1.4		1.0	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	6.5		1.0	ug/L	EPA 8260B	EPA 5030C
MW-15 (16-03-1400-11)						
c-1,2-Dichloroethene	3.4		1.0	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	8.7		1.0	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	2.7		1.0	ug/L	EPA 8260B	EPA 5030C
MW-3 (16-03-1400-12)						
Tetrachloroethene	7.4		1.0	ug/L	EPA 8260B	EPA 5030C
MW-12 (16-03-1400-13)						
c-1,2-Dichloroethene	2.0		1.0	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	7.8		1.0	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	4.2		1.0	ug/L	EPA 8260B	EPA 5030C
MW-11 (16-03-1400-14)						
Tetrachloroethene	9.3		1.0	ug/L	EPA 8260B	EPA 5030C

Return to Contents

* MDL is shown

eurofins | Calscience

Detections Summary

Client:	Burns & McDonnell	Work Order:	16-03-1400
	8201 Norman Center Drive, Suite 300	Project Name:	AmeriPride - LA / 89698
	Bloomington, MN 55437-0001	Received:	03/17/16
Attn:	Erik Brenegan		

Client SampleID / Analyte	Result	Qualifiers	RL	Units	Method	Extraction
MW-16A (16-03-1400-15)						
c-1,2-Dichloroethene	9.5		1.0	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	12		1.0	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	4.3		1.0	ug/L	EPA 8260B	EPA 5030C
Dup-2 (16-03-1400-16)						
Tetrachloroethene	1.4		1.0	ug/L	EPA 8260B	EPA 5030C
Dup-1 (16-03-1400-17)						
c-1,2-Dichloroethene	8.6		1.0	ug/L	EPA 8260B	EPA 5030C

Subcontracted analyses, if any, are not included in this summary.

Return to Contents

* MDL is shown

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-16C	**16-03-1400-1-A**	**03/15/16 13:30**	**Aqueous**	**GC/MS RR**	**03/17/16**	**03/17/16 23:17**	**160317L047**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	20	1.00	
Benzene	ND	0.50	1.00	
Bromobenzene	ND	1.0	1.00	
Bromochloromethane	ND	1.0	1.00	
Bromodichloromethane	ND	1.0	1.00	
Bromoform	ND	1.0	1.00	
Bromomethane	ND	10	1.00	
2-Butanone	ND	10	1.00	
n-Butylbenzene	ND	1.0	1.00	
sec-Butylbenzene	ND	1.0	1.00	
tert-Butylbenzene	ND	1.0	1.00	
Carbon Disulfide	ND	10	1.00	
Carbon Tetrachloride	ND	0.50	1.00	
Chlorobenzene	ND	1.0	1.00	
Chloroethane	ND	5.0	1.00	
Chloroform	ND	1.0	1.00	
Chloromethane	ND	10	1.00	
2-Chlorotoluene	ND	1.0	1.00	
4-Chlorotoluene	ND	1.0	1.00	
Dibromochloromethane	ND	1.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.00	
1,2-Dibromoethane	ND	1.0	1.00	
Dibromomethane	ND	1.0	1.00	
1,2-Dichlorobenzene	ND	1.0	1.00	
1,3-Dichlorobenzene	ND	1.0	1.00	
1,4-Dichlorobenzene	ND	1.0	1.00	
Dichlorodifluoromethane	ND	1.0	1.00	
1,1-Dichloroethane	ND	1.0	1.00	
1,2-Dichloroethane	ND	0.50	1.00	
1,1-Dichloroethene	ND	1.0	1.00	
c-1,2-Dichloroethene	ND	1.0	1.00	
t-1,2-Dichloroethene	ND	1.0	1.00	
1,2-Dichloropropane	ND	1.0	1.00	
1,3-Dichloropropane	ND	1.0	1.00	
2,2-Dichloropropane	ND	1.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	1.0	1.00	
c-1,3-Dichloropropene	ND	0.50	1.00	
t-1,3-Dichloropropene	ND	0.50	1.00	
Ethylbenzene	ND	1.0	1.00	
2-Hexanone	ND	10	1.00	
Isopropylbenzene	ND	1.0	1.00	
p-Isopropyltoluene	ND	1.0	1.00	
Methylene Chloride	ND	10	1.00	
4-Methyl-2-Pentanone	ND	10	1.00	
Naphthalene	ND	10	1.00	
n-Propylbenzene	ND	1.0	1.00	
Styrene	ND	1.0	1.00	
1,1,1,2-Tetrachloroethane	ND	1.0	1.00	
1,1,2,2-Tetrachloroethane	ND	1.0	1.00	
Tetrachloroethene	ND	1.0	1.00	
Toluene	ND	1.0	1.00	
1,2,3-Trichlorobenzene	ND	1.0	1.00	
1,2,4-Trichlorobenzene	ND	1.0	1.00	
1,1,1-Trichloroethane	ND	1.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.00	
1,1,2-Trichloroethane	ND	1.0	1.00	
Trichloroethene	ND	1.0	1.00	
Trichlorofluoromethane	ND	10	1.00	
1,2,3-Trichloropropane	ND	5.0	1.00	
1,2,4-Trimethylbenzene	ND	1.0	1.00	
1,3,5-Trimethylbenzene	ND	1.0	1.00	
Vinyl Acetate	ND	10	1.00	
Vinyl Chloride	ND	0.50	1.00	
p/m-Xylene	ND	1.0	1.00	
o-Xylene	ND	1.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	98	80-120	
Dibromofluoromethane	111	78-126	
1,2-Dichloroethane-d4	99	75-135	
Toluene-d8	101	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-16B	**16-03-1400-2-A**	**03/15/16 14:20**	**Aqueous**	**GC/MS RR**	**03/17/16**	**03/17/16 23:52**	**160317L047**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	20	1.00	
Benzene	ND	0.50	1.00	
Bromobenzene	ND	1.0	1.00	
Bromochloromethane	ND	1.0	1.00	
Bromodichloromethane	ND	1.0	1.00	
Bromoform	ND	1.0	1.00	
Bromomethane	ND	10	1.00	
2-Butanone	ND	10	1.00	
n-Butylbenzene	ND	1.0	1.00	
sec-Butylbenzene	ND	1.0	1.00	
tert-Butylbenzene	ND	1.0	1.00	
Carbon Disulfide	ND	10	1.00	
Carbon Tetrachloride	ND	0.50	1.00	
Chlorobenzene	ND	1.0	1.00	
Chloroethane	ND	5.0	1.00	
Chloroform	ND	1.0	1.00	
Chloromethane	ND	10	1.00	
2-Chlorotoluene	ND	1.0	1.00	
4-Chlorotoluene	ND	1.0	1.00	
Dibromochloromethane	ND	1.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.00	
1,2-Dibromoethane	ND	1.0	1.00	
Dibromomethane	ND	1.0	1.00	
1,2-Dichlorobenzene	ND	1.0	1.00	
1,3-Dichlorobenzene	ND	1.0	1.00	
1,4-Dichlorobenzene	ND	1.0	1.00	
Dichlorodifluoromethane	ND	1.0	1.00	
1,1-Dichloroethane	ND	1.0	1.00	
1,2-Dichloroethane	ND	0.50	1.00	
1,1-Dichloroethene	ND	1.0	1.00	
c-1,2-Dichloroethene	ND	1.0	1.00	
t-1,2-Dichloroethene	ND	1.0	1.00	
1,2-Dichloropropane	ND	1.0	1.00	
1,3-Dichloropropane	ND	1.0	1.00	
2,2-Dichloropropane	ND	1.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	1.0	1.00	
c-1,3-Dichloropropene	ND	0.50	1.00	
t-1,3-Dichloropropene	ND	0.50	1.00	
Ethylbenzene	ND	1.0	1.00	
2-Hexanone	ND	10	1.00	
Isopropylbenzene	ND	1.0	1.00	
p-Isopropyltoluene	ND	1.0	1.00	
Methylene Chloride	ND	10	1.00	
4-Methyl-2-Pentanone	ND	10	1.00	
Naphthalene	ND	10	1.00	
n-Propylbenzene	ND	1.0	1.00	
Styrene	ND	1.0	1.00	
1,1,1,2-Tetrachloroethane	ND	1.0	1.00	
1,1,2,2-Tetrachloroethane	ND	1.0	1.00	
Tetrachloroethene	2.5	1.0	1.00	
Toluene	ND	1.0	1.00	
1,2,3-Trichlorobenzene	ND	1.0	1.00	
1,2,4-Trichlorobenzene	ND	1.0	1.00	
1,1,1-Trichloroethane	ND	1.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.00	
1,1,2-Trichloroethane	ND	1.0	1.00	
Trichloroethene	1.5	1.0	1.00	
Trichlorofluoromethane	ND	10	1.00	
1,2,3-Trichloropropane	ND	5.0	1.00	
1,2,4-Trimethylbenzene	ND	1.0	1.00	
1,3,5-Trimethylbenzene	ND	1.0	1.00	
Vinyl Acetate	ND	10	1.00	
Vinyl Chloride	ND	0.50	1.00	
p/m-Xylene	ND	1.0	1.00	
o-Xylene	ND	1.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	96	80-120	
Dibromofluoromethane	104	78-126	
1,2-Dichloroethane-d4	100	75-135	
Toluene-d8	99	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
K-1	**16-03-1400-3-A**	**03/15/16 15:08**	**Aqueous**	**GC/MS RR**	**03/17/16**	**03/18/16 00:28**	**160317L047**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	20	1.00	
Benzene	ND	0.50	1.00	
Bromobenzene	ND	1.0	1.00	
Bromochloromethane	ND	1.0	1.00	
Bromodichloromethane	ND	1.0	1.00	
Bromoform	ND	1.0	1.00	
Bromomethane	ND	10	1.00	
2-Butanone	ND	10	1.00	
n-Butylbenzene	ND	1.0	1.00	
sec-Butylbenzene	ND	1.0	1.00	
tert-Butylbenzene	ND	1.0	1.00	
Carbon Disulfide	ND	10	1.00	
Carbon Tetrachloride	ND	0.50	1.00	
Chlorobenzene	ND	1.0	1.00	
Chloroethane	ND	5.0	1.00	
Chloroform	ND	1.0	1.00	
Chloromethane	ND	10	1.00	
2-Chlorotoluene	ND	1.0	1.00	
4-Chlorotoluene	ND	1.0	1.00	
Dibromochloromethane	ND	1.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.00	
1,2-Dibromoethane	ND	1.0	1.00	
Dibromomethane	ND	1.0	1.00	
1,2-Dichlorobenzene	ND	1.0	1.00	
1,3-Dichlorobenzene	ND	1.0	1.00	
1,4-Dichlorobenzene	ND	1.0	1.00	
Dichlorodifluoromethane	ND	1.0	1.00	
1,1-Dichloroethane	ND	1.0	1.00	
1,2-Dichloroethane	ND	0.50	1.00	
1,1-Dichloroethene	ND	1.0	1.00	
c-1,2-Dichloroethene	ND	1.0	1.00	
t-1,2-Dichloroethene	ND	1.0	1.00	
1,2-Dichloropropane	ND	1.0	1.00	
1,3-Dichloropropane	ND	1.0	1.00	
2,2-Dichloropropane	ND	1.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	1.0	1.00	
c-1,3-Dichloropropene	ND	0.50	1.00	
t-1,3-Dichloropropene	ND	0.50	1.00	
Ethylbenzene	ND	1.0	1.00	
2-Hexanone	ND	10	1.00	
Isopropylbenzene	ND	1.0	1.00	
p-Isopropyltoluene	ND	1.0	1.00	
Methylene Chloride	ND	10	1.00	
4-Methyl-2-Pentanone	ND	10	1.00	
Naphthalene	ND	10	1.00	
n-Propylbenzene	ND	1.0	1.00	
Styrene	ND	1.0	1.00	
1,1,1,2-Tetrachloroethane	ND	1.0	1.00	
1,1,2,2-Tetrachloroethane	ND	1.0	1.00	
Tetrachloroethene	1.1	1.0	1.00	
Toluene	ND	1.0	1.00	
1,2,3-Trichlorobenzene	ND	1.0	1.00	
1,2,4-Trichlorobenzene	ND	1.0	1.00	
1,1,1-Trichloroethane	ND	1.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.00	
1,1,2-Trichloroethane	ND	1.0	1.00	
Trichloroethene	ND	1.0	1.00	
Trichlorofluoromethane	ND	10	1.00	
1,2,3-Trichloropropane	ND	5.0	1.00	
1,2,4-Trimethylbenzene	ND	1.0	1.00	
1,3,5-Trimethylbenzene	ND	1.0	1.00	
Vinyl Acetate	ND	10	1.00	
Vinyl Chloride	ND	0.50	1.00	
p/m-Xylene	ND	1.0	1.00	
o-Xylene	ND	1.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	98	80-120	
Dibromofluoromethane	104	78-126	
1,2-Dichloroethane-d4	101	75-135	
Toluene-d8	96	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-10B	**16-03-1400-4-A**	**03/15/16 16:42**	**Aqueous**	**GC/MS RR**	**03/17/16**	**03/18/16 01:03**	**160317L047**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	20	1.00	
Benzene	ND	0.50	1.00	
Bromobenzene	ND	1.0	1.00	
Bromochloromethane	ND	1.0	1.00	
Bromodichloromethane	ND	1.0	1.00	
Bromoform	ND	1.0	1.00	
Bromomethane	ND	10	1.00	
2-Butanone	ND	10	1.00	
n-Butylbenzene	ND	1.0	1.00	
sec-Butylbenzene	ND	1.0	1.00	
tert-Butylbenzene	ND	1.0	1.00	
Carbon Disulfide	ND	10	1.00	
Carbon Tetrachloride	ND	0.50	1.00	
Chlorobenzene	ND	1.0	1.00	
Chloroethane	ND	5.0	1.00	
Chloroform	ND	1.0	1.00	
Chloromethane	ND	10	1.00	
2-Chlorotoluene	ND	1.0	1.00	
4-Chlorotoluene	ND	1.0	1.00	
Dibromochloromethane	ND	1.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.00	
1,2-Dibromoethane	ND	1.0	1.00	
Dibromomethane	ND	1.0	1.00	
1,2-Dichlorobenzene	ND	1.0	1.00	
1,3-Dichlorobenzene	ND	1.0	1.00	
1,4-Dichlorobenzene	ND	1.0	1.00	
Dichlorodifluoromethane	ND	1.0	1.00	
1,1-Dichloroethane	ND	1.0	1.00	
1,2-Dichloroethane	ND	0.50	1.00	
1,1-Dichloroethene	ND	1.0	1.00	
c-1,2-Dichloroethene	8.6	1.0	1.00	
t-1,2-Dichloroethene	ND	1.0	1.00	
1,2-Dichloropropane	ND	1.0	1.00	
1,3-Dichloropropane	ND	1.0	1.00	
2,2-Dichloropropane	ND	1.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	1.0	1.00	
c-1,3-Dichloropropene	ND	0.50	1.00	
t-1,3-Dichloropropene	ND	0.50	1.00	
Ethylbenzene	ND	1.0	1.00	
2-Hexanone	ND	10	1.00	
Isopropylbenzene	ND	1.0	1.00	
p-Isopropyltoluene	ND	1.0	1.00	
Methylene Chloride	ND	10	1.00	
4-Methyl-2-Pentanone	ND	10	1.00	
Naphthalene	ND	10	1.00	
n-Propylbenzene	ND	1.0	1.00	
Styrene	ND	1.0	1.00	
1,1,1,2-Tetrachloroethane	ND	1.0	1.00	
1,1,2,2-Tetrachloroethane	ND	1.0	1.00	
Tetrachloroethene	ND	1.0	1.00	
Toluene	ND	1.0	1.00	
1,2,3-Trichlorobenzene	ND	1.0	1.00	
1,2,4-Trichlorobenzene	ND	1.0	1.00	
1,1,1-Trichloroethane	ND	1.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.00	
1,1,2-Trichloroethane	ND	1.0	1.00	
Trichloroethene	ND	1.0	1.00	
Trichlorofluoromethane	ND	10	1.00	
1,2,3-Trichloropropane	ND	5.0	1.00	
1,2,4-Trimethylbenzene	ND	1.0	1.00	
1,3,5-Trimethylbenzene	ND	1.0	1.00	
Vinyl Acetate	ND	10	1.00	
Vinyl Chloride	ND	0.50	1.00	
p/m-Xylene	ND	1.0	1.00	
o-Xylene	ND	1.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	99	80-120	
Dibromofluoromethane	119	78-126	
1,2-Dichloroethane-d4	98	75-135	
Toluene-d8	98	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-10A	**16-03-1400-5-A**	**03/15/16 17:00**	**Aqueous**	**GC/MS RR**	**03/17/16**	**03/18/16 01:38**	**160317L047**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	20	1.00	
Benzene	ND	0.50	1.00	
Bromobenzene	ND	1.0	1.00	
Bromochloromethane	ND	1.0	1.00	
Bromodichloromethane	ND	1.0	1.00	
Bromoform	ND	1.0	1.00	
Bromomethane	ND	10	1.00	
2-Butanone	ND	10	1.00	
n-Butylbenzene	ND	1.0	1.00	
sec-Butylbenzene	ND	1.0	1.00	
tert-Butylbenzene	ND	1.0	1.00	
Carbon Disulfide	ND	10	1.00	
Carbon Tetrachloride	ND	0.50	1.00	
Chlorobenzene	ND	1.0	1.00	
Chloroethane	ND	5.0	1.00	
Chloroform	ND	1.0	1.00	
Chloromethane	ND	10	1.00	
2-Chlorotoluene	ND	1.0	1.00	
4-Chlorotoluene	ND	1.0	1.00	
Dibromochloromethane	ND	1.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.00	
1,2-Dibromoethane	ND	1.0	1.00	
Dibromomethane	ND	1.0	1.00	
1,2-Dichlorobenzene	ND	1.0	1.00	
1,3-Dichlorobenzene	ND	1.0	1.00	
1,4-Dichlorobenzene	ND	1.0	1.00	
Dichlorodifluoromethane	ND	1.0	1.00	
1,1-Dichloroethane	ND	1.0	1.00	
1,2-Dichloroethane	ND	0.50	1.00	
1,1-Dichloroethene	ND	1.0	1.00	
c-1,2-Dichloroethene	13	1.0	1.00	
t-1,2-Dichloroethene	ND	1.0	1.00	
1,2-Dichloropropane	ND	1.0	1.00	
1,3-Dichloropropane	ND	1.0	1.00	
2,2-Dichloropropane	ND	1.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	1.0	1.00	
c-1,3-Dichloropropene	ND	0.50	1.00	
t-1,3-Dichloropropene	ND	0.50	1.00	
Ethylbenzene	ND	1.0	1.00	
2-Hexanone	ND	10	1.00	
Isopropylbenzene	ND	1.0	1.00	
p-Isopropyltoluene	ND	1.0	1.00	
Methylene Chloride	ND	10	1.00	
4-Methyl-2-Pentanone	ND	10	1.00	
Naphthalene	ND	10	1.00	
n-Propylbenzene	ND	1.0	1.00	
Styrene	ND	1.0	1.00	
1,1,1,2-Tetrachloroethane	ND	1.0	1.00	
1,1,2,2-Tetrachloroethane	ND	1.0	1.00	
Tetrachloroethene	3.5	1.0	1.00	
Toluene	ND	1.0	1.00	
1,2,3-Trichlorobenzene	ND	1.0	1.00	
1,2,4-Trichlorobenzene	ND	1.0	1.00	
1,1,1-Trichloroethane	ND	1.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.00	
1,1,2-Trichloroethane	ND	1.0	1.00	
Trichloroethene	2.9	1.0	1.00	
Trichlorofluoromethane	ND	10	1.00	
1,2,3-Trichloropropane	ND	5.0	1.00	
1,2,4-Trimethylbenzene	ND	1.0	1.00	
1,3,5-Trimethylbenzene	ND	1.0	1.00	
Vinyl Acetate	ND	10	1.00	
Vinyl Chloride	ND	0.50	1.00	
p/m-Xylene	ND	1.0	1.00	
o-Xylene	ND	1.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	100	80-120	
Dibromofluoromethane	121	78-126	
1,2-Dichloroethane-d4	101	75-135	
Toluene-d8	98	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-9A	**16-03-1400-6-A**	**03/15/16 17:54**	**Aqueous**	**GC/MS RR**	**03/17/16**	**03/18/16 02:14**	**160317L047**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	20	1.00	
Benzene	ND	0.50	1.00	
Bromobenzene	ND	1.0	1.00	
Bromochloromethane	ND	1.0	1.00	
Bromodichloromethane	ND	1.0	1.00	
Bromoform	ND	1.0	1.00	
Bromomethane	ND	10	1.00	
2-Butanone	ND	10	1.00	
n-Butylbenzene	ND	1.0	1.00	
sec-Butylbenzene	ND	1.0	1.00	
tert-Butylbenzene	ND	1.0	1.00	
Carbon Disulfide	ND	10	1.00	
Carbon Tetrachloride	ND	0.50	1.00	
Chlorobenzene	ND	1.0	1.00	
Chloroethane	ND	5.0	1.00	
Chloroform	ND	1.0	1.00	
Chloromethane	ND	10	1.00	
2-Chlorotoluene	ND	1.0	1.00	
4-Chlorotoluene	ND	1.0	1.00	
Dibromochloromethane	ND	1.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.00	
1,2-Dibromoethane	ND	1.0	1.00	
Dibromomethane	ND	1.0	1.00	
1,2-Dichlorobenzene	ND	1.0	1.00	
1,3-Dichlorobenzene	ND	1.0	1.00	
1,4-Dichlorobenzene	ND	1.0	1.00	
Dichlorodifluoromethane	ND	1.0	1.00	
1,1-Dichloroethane	ND	1.0	1.00	
1,2-Dichloroethane	ND	0.50	1.00	
1,1-Dichloroethene	ND	1.0	1.00	
c-1,2-Dichloroethene	11	1.0	1.00	
t-1,2-Dichloroethene	ND	1.0	1.00	
1,2-Dichloropropane	ND	1.0	1.00	
1,3-Dichloropropane	ND	1.0	1.00	
2,2-Dichloropropane	ND	1.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	1.0	1.00	
c-1,3-Dichloropropene	ND	0.50	1.00	
t-1,3-Dichloropropene	ND	0.50	1.00	
Ethylbenzene	ND	1.0	1.00	
2-Hexanone	ND	10	1.00	
Isopropylbenzene	ND	1.0	1.00	
p-Isopropyltoluene	ND	1.0	1.00	
Methylene Chloride	ND	10	1.00	
4-Methyl-2-Pentanone	ND	10	1.00	
Naphthalene	ND	10	1.00	
n-Propylbenzene	ND	1.0	1.00	
Styrene	ND	1.0	1.00	
1,1,1,2-Tetrachloroethane	ND	1.0	1.00	
1,1,2,2-Tetrachloroethane	ND	1.0	1.00	
Tetrachloroethene	1.6	1.0	1.00	
Toluene	ND	1.0	1.00	
1,2,3-Trichlorobenzene	ND	1.0	1.00	
1,2,4-Trichlorobenzene	ND	1.0	1.00	
1,1,1-Trichloroethane	ND	1.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.00	
1,1,2-Trichloroethane	ND	1.0	1.00	
Trichloroethene	1.2	1.0	1.00	
Trichlorofluoromethane	ND	10	1.00	
1,2,3-Trichloropropane	ND	5.0	1.00	
1,2,4-Trimethylbenzene	ND	1.0	1.00	
1,3,5-Trimethylbenzene	ND	1.0	1.00	
Vinyl Acetate	ND	10	1.00	
Vinyl Chloride	ND	0.50	1.00	
p/m-Xylene	ND	1.0	1.00	
o-Xylene	ND	1.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	98	80-120	
Dibromofluoromethane	124	78-126	
1,2-Dichloroethane-d4	99	75-135	
Toluene-d8	99	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-7	**16-03-1400-7-A**	**03/15/16 19:18**	**Aqueous**	**GC/MS RR**	**03/17/16**	**03/18/16 02:49**	**160317L047**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	20	1.00	
Benzene	ND	0.50	1.00	
Bromobenzene	ND	1.0	1.00	
Bromochloromethane	ND	1.0	1.00	
Bromodichloromethane	ND	1.0	1.00	
Bromoform	ND	1.0	1.00	
Bromomethane	ND	10	1.00	
2-Butanone	ND	10	1.00	
n-Butylbenzene	ND	1.0	1.00	
sec-Butylbenzene	ND	1.0	1.00	
tert-Butylbenzene	ND	1.0	1.00	
Carbon Disulfide	ND	10	1.00	
Carbon Tetrachloride	ND	0.50	1.00	
Chlorobenzene	ND	1.0	1.00	
Chloroethane	ND	5.0	1.00	
Chloroform	ND	1.0	1.00	
Chloromethane	ND	10	1.00	
2-Chlorotoluene	ND	1.0	1.00	
4-Chlorotoluene	ND	1.0	1.00	
Dibromochloromethane	ND	1.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.00	
1,2-Dibromoethane	ND	1.0	1.00	
Dibromomethane	ND	1.0	1.00	
1,2-Dichlorobenzene	ND	1.0	1.00	
1,3-Dichlorobenzene	ND	1.0	1.00	
1,4-Dichlorobenzene	ND	1.0	1.00	
Dichlorodifluoromethane	ND	1.0	1.00	
1,1-Dichloroethane	ND	1.0	1.00	
1,2-Dichloroethane	ND	0.50	1.00	
1,1-Dichloroethene	ND	1.0	1.00	
c-1,2-Dichloroethene	2.2	1.0	1.00	
t-1,2-Dichloroethene	ND	1.0	1.00	
1,2-Dichloropropane	ND	1.0	1.00	
1,3-Dichloropropane	ND	1.0	1.00	
2,2-Dichloropropane	ND	1.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	1.0	1.00	
c-1,3-Dichloropropene	ND	0.50	1.00	
t-1,3-Dichloropropene	ND	0.50	1.00	
Ethylbenzene	ND	1.0	1.00	
2-Hexanone	ND	10	1.00	
Isopropylbenzene	ND	1.0	1.00	
p-Isopropyltoluene	ND	1.0	1.00	
Methylene Chloride	ND	10	1.00	
4-Methyl-2-Pentanone	ND	10	1.00	
Naphthalene	ND	10	1.00	
n-Propylbenzene	ND	1.0	1.00	
Styrene	ND	1.0	1.00	
1,1,1,2-Tetrachloroethane	ND	1.0	1.00	
1,1,2,2-Tetrachloroethane	ND	1.0	1.00	
Tetrachloroethene	2.4	1.0	1.00	
Toluene	ND	1.0	1.00	
1,2,3-Trichlorobenzene	ND	1.0	1.00	
1,2,4-Trichlorobenzene	ND	1.0	1.00	
1,1,1-Trichloroethane	ND	1.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.00	
1,1,2-Trichloroethane	ND	1.0	1.00	
Trichloroethene	ND	1.0	1.00	
Trichlorofluoromethane	ND	10	1.00	
1,2,3-Trichloropropane	ND	5.0	1.00	
1,2,4-Trimethylbenzene	ND	1.0	1.00	
1,3,5-Trimethylbenzene	ND	1.0	1.00	
Vinyl Acetate	ND	10	1.00	
Vinyl Chloride	ND	0.50	1.00	
p/m-Xylene	ND	1.0	1.00	
o-Xylene	ND	1.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	98	80-120	
Dibromofluoromethane	115	78-126	
1,2-Dichloroethane-d4	98	75-135	
Toluene-d8	98	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-13A	**16-03-1400-8-A**	**03/16/16 05:00**	**Aqueous**	**GC/MS RR**	**03/17/16**	**03/18/16 03:24**	**160317L047**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	20	1.00	
Benzene	ND	0.50	1.00	
Bromobenzene	ND	1.0	1.00	
Bromochloromethane	ND	1.0	1.00	
Bromodichloromethane	ND	1.0	1.00	
Bromoform	ND	1.0	1.00	
Bromomethane	ND	10	1.00	
2-Butanone	ND	10	1.00	
n-Butylbenzene	ND	1.0	1.00	
sec-Butylbenzene	ND	1.0	1.00	
tert-Butylbenzene	ND	1.0	1.00	
Carbon Disulfide	ND	10	1.00	
Carbon Tetrachloride	ND	0.50	1.00	
Chlorobenzene	ND	1.0	1.00	
Chloroethane	ND	5.0	1.00	
Chloroform	ND	1.0	1.00	
Chloromethane	ND	10	1.00	
2-Chlorotoluene	ND	1.0	1.00	
4-Chlorotoluene	ND	1.0	1.00	
Dibromochloromethane	ND	1.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.00	
1,2-Dibromoethane	ND	1.0	1.00	
Dibromomethane	ND	1.0	1.00	
1,2-Dichlorobenzene	ND	1.0	1.00	
1,3-Dichlorobenzene	ND	1.0	1.00	
1,4-Dichlorobenzene	ND	1.0	1.00	
Dichlorodifluoromethane	ND	1.0	1.00	
1,1-Dichloroethane	ND	1.0	1.00	
1,2-Dichloroethane	ND	0.50	1.00	
1,1-Dichloroethene	ND	1.0	1.00	
c-1,2-Dichloroethene	ND	1.0	1.00	
t-1,2-Dichloroethene	ND	1.0	1.00	
1,2-Dichloropropane	ND	1.0	1.00	
1,3-Dichloropropane	ND	1.0	1.00	
2,2-Dichloropropane	ND	1.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	1.0	1.00	
c-1,3-Dichloropropene	ND	0.50	1.00	
t-1,3-Dichloropropene	ND	0.50	1.00	
Ethylbenzene	ND	1.0	1.00	
2-Hexanone	ND	10	1.00	
Isopropylbenzene	ND	1.0	1.00	
p-Isopropyltoluene	ND	1.0	1.00	
Methylene Chloride	ND	10	1.00	
4-Methyl-2-Pentanone	ND	10	1.00	
Naphthalene	ND	10	1.00	
n-Propylbenzene	ND	1.0	1.00	
Styrene	ND	1.0	1.00	
1,1,1,2-Tetrachloroethane	ND	1.0	1.00	
1,1,2,2-Tetrachloroethane	ND	1.0	1.00	
Tetrachloroethene	2.5	1.0	1.00	
Toluene	ND	1.0	1.00	
1,2,3-Trichlorobenzene	ND	1.0	1.00	
1,2,4-Trichlorobenzene	ND	1.0	1.00	
1,1,1-Trichloroethane	ND	1.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.00	
1,1,2-Trichloroethane	ND	1.0	1.00	
Trichloroethene	ND	1.0	1.00	
Trichlorofluoromethane	ND	10	1.00	
1,2,3-Trichloropropane	ND	5.0	1.00	
1,2,4-Trimethylbenzene	ND	1.0	1.00	
1,3,5-Trimethylbenzene	ND	1.0	1.00	
Vinyl Acetate	ND	10	1.00	
Vinyl Chloride	ND	0.50	1.00	
p/m-Xylene	ND	1.0	1.00	
o-Xylene	ND	1.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	97	80-120	
Dibromofluoromethane	110	78-126	
1,2-Dichloroethane-d4	98	75-135	
Toluene-d8	99	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-13B	**16-03-1400-9-A**	**03/16/16 05:30**	**Aqueous**	**GC/MS RR**	**03/18/16**	**03/18/16 20:53**	**160318L029**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	20	1.00	
Benzene	ND	0.50	1.00	
Bromobenzene	ND	1.0	1.00	
Bromochloromethane	ND	1.0	1.00	
Bromodichloromethane	ND	1.0	1.00	
Bromoform	ND	1.0	1.00	
Bromomethane	ND	10	1.00	
2-Butanone	ND	10	1.00	
n-Butylbenzene	ND	1.0	1.00	
sec-Butylbenzene	ND	1.0	1.00	
tert-Butylbenzene	ND	1.0	1.00	
Carbon Disulfide	ND	10	1.00	
Carbon Tetrachloride	ND	0.50	1.00	
Chlorobenzene	ND	1.0	1.00	
Chloroethane	ND	5.0	1.00	
Chloroform	ND	1.0	1.00	
Chloromethane	ND	10	1.00	
2-Chlorotoluene	ND	1.0	1.00	
4-Chlorotoluene	ND	1.0	1.00	
Dibromochloromethane	ND	1.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.00	
1,2-Dibromoethane	ND	1.0	1.00	
Dibromomethane	ND	1.0	1.00	
1,2-Dichlorobenzene	ND	1.0	1.00	
1,3-Dichlorobenzene	ND	1.0	1.00	
1,4-Dichlorobenzene	ND	1.0	1.00	
Dichlorodifluoromethane	ND	1.0	1.00	
1,1-Dichloroethane	ND	1.0	1.00	
1,2-Dichloroethane	ND	0.50	1.00	
1,1-Dichloroethene	ND	1.0	1.00	
c-1,2-Dichloroethene	ND	1.0	1.00	
t-1,2-Dichloroethene	ND	1.0	1.00	
1,2-Dichloropropane	ND	1.0	1.00	
1,3-Dichloropropane	ND	1.0	1.00	
2,2-Dichloropropane	ND	1.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	1.0	1.00	
c-1,3-Dichloropropene	ND	0.50	1.00	
t-1,3-Dichloropropene	ND	0.50	1.00	
Ethylbenzene	ND	1.0	1.00	
2-Hexanone	ND	10	1.00	
Isopropylbenzene	ND	1.0	1.00	
p-Isopropyltoluene	ND	1.0	1.00	
Methylene Chloride	ND	10	1.00	
4-Methyl-2-Pentanone	ND	10	1.00	
Naphthalene	ND	10	1.00	
n-Propylbenzene	ND	1.0	1.00	
Styrene	ND	1.0	1.00	
1,1,1,2-Tetrachloroethane	ND	1.0	1.00	
1,1,2,2-Tetrachloroethane	ND	1.0	1.00	
Tetrachloroethene	1.4	1.0	1.00	
Toluene	ND	1.0	1.00	
1,2,3-Trichlorobenzene	ND	1.0	1.00	
1,2,4-Trichlorobenzene	ND	1.0	1.00	
1,1,1-Trichloroethane	ND	1.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.00	
1,1,2-Trichloroethane	ND	1.0	1.00	
Trichloroethene	ND	1.0	1.00	
Trichlorofluoromethane	ND	10	1.00	
1,2,3-Trichloropropane	ND	5.0	1.00	
1,2,4-Trimethylbenzene	ND	1.0	1.00	
1,3,5-Trimethylbenzene	ND	1.0	1.00	
Vinyl Acetate	ND	10	1.00	
Vinyl Chloride	ND	0.50	1.00	
p/m-Xylene	ND	1.0	1.00	
o-Xylene	ND	1.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	95	80-120	
Dibromofluoromethane	103	78-126	
1,2-Dichloroethane-d4	98	75-135	
Toluene-d8	99	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-14	**16-03-1400-10-A**	**03/16/16 06:35**	**Aqueous**	**GC/MS RR**	**03/18/16**	**03/18/16 23:15**	**160318L029**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	20	1.00	
Benzene	ND	0.50	1.00	
Bromobenzene	ND	1.0	1.00	
Bromochloromethane	ND	1.0	1.00	
Bromodichloromethane	ND	1.0	1.00	
Bromoform	ND	1.0	1.00	
Bromomethane	ND	10	1.00	
2-Butanone	ND	10	1.00	
n-Butylbenzene	ND	1.0	1.00	
sec-Butylbenzene	ND	1.0	1.00	
tert-Butylbenzene	ND	1.0	1.00	
Carbon Disulfide	ND	10	1.00	
Carbon Tetrachloride	ND	0.50	1.00	
Chlorobenzene	ND	1.0	1.00	
Chloroethane	ND	5.0	1.00	
Chloroform	ND	1.0	1.00	
Chloromethane	ND	10	1.00	
2-Chlorotoluene	ND	1.0	1.00	
4-Chlorotoluene	ND	1.0	1.00	
Dibromochloromethane	ND	1.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.00	
1,2-Dibromoethane	ND	1.0	1.00	
Dibromomethane	ND	1.0	1.00	
1,2-Dichlorobenzene	ND	1.0	1.00	
1,3-Dichlorobenzene	ND	1.0	1.00	
1,4-Dichlorobenzene	ND	1.0	1.00	
Dichlorodifluoromethane	ND	1.0	1.00	
1,1-Dichloroethane	ND	1.0	1.00	
1,2-Dichloroethane	ND	0.50	1.00	
1,1-Dichloroethene	ND	1.0	1.00	
c-1,2-Dichloroethene	1.4	1.0	1.00	
t-1,2-Dichloroethene	ND	1.0	1.00	
1,2-Dichloropropane	ND	1.0	1.00	
1,3-Dichloropropane	ND	1.0	1.00	
2,2-Dichloropropane	ND	1.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	1.0	1.00	
c-1,3-Dichloropropene	ND	0.50	1.00	
t-1,3-Dichloropropene	ND	0.50	1.00	
Ethylbenzene	ND	1.0	1.00	
2-Hexanone	ND	10	1.00	
Isopropylbenzene	ND	1.0	1.00	
p-Isopropyltoluene	ND	1.0	1.00	
Methylene Chloride	ND	10	1.00	
4-Methyl-2-Pentanone	ND	10	1.00	
Naphthalene	ND	10	1.00	
n-Propylbenzene	ND	1.0	1.00	
Styrene	ND	1.0	1.00	
1,1,1,2-Tetrachloroethane	ND	1.0	1.00	
1,1,2,2-Tetrachloroethane	ND	1.0	1.00	
Tetrachloroethene	6.5	1.0	1.00	
Toluene	ND	1.0	1.00	
1,2,3-Trichlorobenzene	ND	1.0	1.00	
1,2,4-Trichlorobenzene	ND	1.0	1.00	
1,1,1-Trichloroethane	ND	1.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.00	
1,1,2-Trichloroethane	ND	1.0	1.00	
Trichloroethene	ND	1.0	1.00	
Trichlorofluoromethane	ND	10	1.00	
1,2,3-Trichloropropane	ND	5.0	1.00	
1,2,4-Trimethylbenzene	ND	1.0	1.00	
1,3,5-Trimethylbenzene	ND	1.0	1.00	
Vinyl Acetate	ND	10	1.00	
Vinyl Chloride	ND	0.50	1.00	
p/m-Xylene	ND	1.0	1.00	
o-Xylene	ND	1.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	96	80-120	
Dibromofluoromethane	109	78-126	
1,2-Dichloroethane-d4	96	75-135	
Toluene-d8	98	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-15	**16-03-1400-11-A**	**03/16/16 07:40**	**Aqueous**	**GC/MS RR**	**03/18/16**	**03/18/16 23:50**	**160318L029**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	20	1.00	
Benzene	ND	0.50	1.00	
Bromobenzene	ND	1.0	1.00	
Bromochloromethane	ND	1.0	1.00	
Bromodichloromethane	ND	1.0	1.00	
Bromoform	ND	1.0	1.00	
Bromomethane	ND	10	1.00	
2-Butanone	ND	10	1.00	
n-Butylbenzene	ND	1.0	1.00	
sec-Butylbenzene	ND	1.0	1.00	
tert-Butylbenzene	ND	1.0	1.00	
Carbon Disulfide	ND	10	1.00	
Carbon Tetrachloride	ND	0.50	1.00	
Chlorobenzene	ND	1.0	1.00	
Chloroethane	ND	5.0	1.00	
Chloroform	ND	1.0	1.00	
Chloromethane	ND	10	1.00	
2-Chlorotoluene	ND	1.0	1.00	
4-Chlorotoluene	ND	1.0	1.00	
Dibromochloromethane	ND	1.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.00	
1,2-Dibromoethane	ND	1.0	1.00	
Dibromomethane	ND	1.0	1.00	
1,2-Dichlorobenzene	ND	1.0	1.00	
1,3-Dichlorobenzene	ND	1.0	1.00	
1,4-Dichlorobenzene	ND	1.0	1.00	
Dichlorodifluoromethane	ND	1.0	1.00	
1,1-Dichloroethane	ND	1.0	1.00	
1,2-Dichloroethane	ND	0.50	1.00	
1,1-Dichloroethene	ND	1.0	1.00	
c-1,2-Dichloroethene	3.4	1.0	1.00	
t-1,2-Dichloroethene	ND	1.0	1.00	
1,2-Dichloropropane	ND	1.0	1.00	
1,3-Dichloropropane	ND	1.0	1.00	
2,2-Dichloropropane	ND	1.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	1.0	1.00	
c-1,3-Dichloropropene	ND	0.50	1.00	
t-1,3-Dichloropropene	ND	0.50	1.00	
Ethylbenzene	ND	1.0	1.00	
2-Hexanone	ND	10	1.00	
Isopropylbenzene	ND	1.0	1.00	
p-Isopropyltoluene	ND	1.0	1.00	
Methylene Chloride	ND	10	1.00	
4-Methyl-2-Pentanone	ND	10	1.00	
Naphthalene	ND	10	1.00	
n-Propylbenzene	ND	1.0	1.00	
Styrene	ND	1.0	1.00	
1,1,1,2-Tetrachloroethane	ND	1.0	1.00	
1,1,2,2-Tetrachloroethane	ND	1.0	1.00	
Tetrachloroethene	8.7	1.0	1.00	
Toluene	ND	1.0	1.00	
1,2,3-Trichlorobenzene	ND	1.0	1.00	
1,2,4-Trichlorobenzene	ND	1.0	1.00	
1,1,1-Trichloroethane	ND	1.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.00	
1,1,2-Trichloroethane	ND	1.0	1.00	
Trichloroethene	2.7	1.0	1.00	
Trichlorofluoromethane	ND	10	1.00	
1,2,3-Trichloropropane	ND	5.0	1.00	
1,2,4-Trimethylbenzene	ND	1.0	1.00	
1,3,5-Trimethylbenzene	ND	1.0	1.00	
Vinyl Acetate	ND	10	1.00	
Vinyl Chloride	ND	0.50	1.00	
p/m-Xylene	ND	1.0	1.00	
o-Xylene	ND	1.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	97	80-120	
Dibromofluoromethane	111	78-126	
1,2-Dichloroethane-d4	99	75-135	
Toluene-d8	98	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-3	**16-03-1400-12-A**	**03/16/16 09:26**	**Aqueous**	**GC/MS RR**	**03/18/16**	**03/19/16 00:26**	**160318L029**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	20	1.00	
Benzene	ND	0.50	1.00	
Bromobenzene	ND	1.0	1.00	
Bromochloromethane	ND	1.0	1.00	
Bromodichloromethane	ND	1.0	1.00	
Bromoform	ND	1.0	1.00	
Bromomethane	ND	10	1.00	
2-Butanone	ND	10	1.00	
n-Butylbenzene	ND	1.0	1.00	
sec-Butylbenzene	ND	1.0	1.00	
tert-Butylbenzene	ND	1.0	1.00	
Carbon Disulfide	ND	10	1.00	
Carbon Tetrachloride	ND	0.50	1.00	
Chlorobenzene	ND	1.0	1.00	
Chloroethane	ND	5.0	1.00	
Chloroform	ND	1.0	1.00	
Chloromethane	ND	10	1.00	
2-Chlorotoluene	ND	1.0	1.00	
4-Chlorotoluene	ND	1.0	1.00	
Dibromochloromethane	ND	1.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.00	
1,2-Dibromoethane	ND	1.0	1.00	
Dibromomethane	ND	1.0	1.00	
1,2-Dichlorobenzene	ND	1.0	1.00	
1,3-Dichlorobenzene	ND	1.0	1.00	
1,4-Dichlorobenzene	ND	1.0	1.00	
Dichlorodifluoromethane	ND	1.0	1.00	
1,1-Dichloroethane	ND	1.0	1.00	
1,2-Dichloroethane	ND	0.50	1.00	
1,1-Dichloroethene	ND	1.0	1.00	
c-1,2-Dichloroethene	ND	1.0	1.00	
t-1,2-Dichloroethene	ND	1.0	1.00	
1,2-Dichloropropane	ND	1.0	1.00	
1,3-Dichloropropane	ND	1.0	1.00	
2,2-Dichloropropane	ND	1.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	1.0	1.00	
c-1,3-Dichloropropene	ND	0.50	1.00	
t-1,3-Dichloropropene	ND	0.50	1.00	
Ethylbenzene	ND	1.0	1.00	
2-Hexanone	ND	10	1.00	
Isopropylbenzene	ND	1.0	1.00	
p-Isopropyltoluene	ND	1.0	1.00	
Methylene Chloride	ND	10	1.00	
4-Methyl-2-Pentanone	ND	10	1.00	
Naphthalene	ND	10	1.00	
n-Propylbenzene	ND	1.0	1.00	
Styrene	ND	1.0	1.00	
1,1,1,2-Tetrachloroethane	ND	1.0	1.00	
1,1,2,2-Tetrachloroethane	ND	1.0	1.00	
Tetrachloroethene	7.4	1.0	1.00	
Toluene	ND	1.0	1.00	
1,2,3-Trichlorobenzene	ND	1.0	1.00	
1,2,4-Trichlorobenzene	ND	1.0	1.00	
1,1,1-Trichloroethane	ND	1.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.00	
1,1,2-Trichloroethane	ND	1.0	1.00	
Trichloroethene	ND	1.0	1.00	
Trichlorofluoromethane	ND	10	1.00	
1,2,3-Trichloropropane	ND	5.0	1.00	
1,2,4-Trimethylbenzene	ND	1.0	1.00	
1,3,5-Trimethylbenzene	ND	1.0	1.00	
Vinyl Acetate	ND	10	1.00	
Vinyl Chloride	ND	0.50	1.00	
p/m-Xylene	ND	1.0	1.00	
o-Xylene	ND	1.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	96	80-120	
Dibromofluoromethane	110	78-126	
1,2-Dichloroethane-d4	98	75-135	
Toluene-d8	99	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-12	**16-03-1400-13-A**	**03/16/16 10:20**	**Aqueous**	**GC/MS RR**	**03/18/16**	**03/19/16 01:01**	**160318L029**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	20	1.00	
Benzene	ND	0.50	1.00	
Bromobenzene	ND	1.0	1.00	
Bromochloromethane	ND	1.0	1.00	
Bromodichloromethane	ND	1.0	1.00	
Bromoform	ND	1.0	1.00	
Bromomethane	ND	10	1.00	
2-Butanone	ND	10	1.00	
n-Butylbenzene	ND	1.0	1.00	
sec-Butylbenzene	ND	1.0	1.00	
tert-Butylbenzene	ND	1.0	1.00	
Carbon Disulfide	ND	10	1.00	
Carbon Tetrachloride	ND	0.50	1.00	
Chlorobenzene	ND	1.0	1.00	
Chloroethane	ND	5.0	1.00	
Chloroform	ND	1.0	1.00	
Chloromethane	ND	10	1.00	
2-Chlorotoluene	ND	1.0	1.00	
4-Chlorotoluene	ND	1.0	1.00	
Dibromochloromethane	ND	1.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.00	
1,2-Dibromoethane	ND	1.0	1.00	
Dibromomethane	ND	1.0	1.00	
1,2-Dichlorobenzene	ND	1.0	1.00	
1,3-Dichlorobenzene	ND	1.0	1.00	
1,4-Dichlorobenzene	ND	1.0	1.00	
Dichlorodifluoromethane	ND	1.0	1.00	
1,1-Dichloroethane	ND	1.0	1.00	
1,2-Dichloroethane	ND	0.50	1.00	
1,1-Dichloroethene	ND	1.0	1.00	
c-1,2-Dichloroethene	2.0	1.0	1.00	
t-1,2-Dichloroethene	ND	1.0	1.00	
1,2-Dichloropropane	ND	1.0	1.00	
1,3-Dichloropropane	ND	1.0	1.00	
2,2-Dichloropropane	ND	1.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	1.0	1.00	
c-1,3-Dichloropropene	ND	0.50	1.00	
t-1,3-Dichloropropene	ND	0.50	1.00	
Ethylbenzene	ND	1.0	1.00	
2-Hexanone	ND	10	1.00	
Isopropylbenzene	ND	1.0	1.00	
p-Isopropyltoluene	ND	1.0	1.00	
Methylene Chloride	ND	10	1.00	
4-Methyl-2-Pentanone	ND	10	1.00	
Naphthalene	ND	10	1.00	
n-Propylbenzene	ND	1.0	1.00	
Styrene	ND	1.0	1.00	
1,1,1,2-Tetrachloroethane	ND	1.0	1.00	
1,1,2,2-Tetrachloroethane	ND	1.0	1.00	
Tetrachloroethene	7.8	1.0	1.00	
Toluene	ND	1.0	1.00	
1,2,3-Trichlorobenzene	ND	1.0	1.00	
1,2,4-Trichlorobenzene	ND	1.0	1.00	
1,1,1-Trichloroethane	ND	1.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.00	
1,1,2-Trichloroethane	ND	1.0	1.00	
Trichloroethene	4.2	1.0	1.00	
Trichlorofluoromethane	ND	10	1.00	
1,2,3-Trichloropropane	ND	5.0	1.00	
1,2,4-Trimethylbenzene	ND	1.0	1.00	
1,3,5-Trimethylbenzene	ND	1.0	1.00	
Vinyl Acetate	ND	10	1.00	
Vinyl Chloride	ND	0.50	1.00	
p/m-Xylene	ND	1.0	1.00	
o-Xylene	ND	1.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	96	80-120	
Dibromofluoromethane	109	78-126	
1,2-Dichloroethane-d4	99	75-135	
Toluene-d8	100	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-11	**16-03-1400-14-A**	**03/16/16 11:46**	**Aqueous**	**GC/MS RR**	**03/18/16**	**03/19/16 01:36**	**160318L029**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	20	1.00	
Benzene	ND	0.50	1.00	
Bromobenzene	ND	1.0	1.00	
Bromochloromethane	ND	1.0	1.00	
Bromodichloromethane	ND	1.0	1.00	
Bromoform	ND	1.0	1.00	
Bromomethane	ND	10	1.00	
2-Butanone	ND	10	1.00	
n-Butylbenzene	ND	1.0	1.00	
sec-Butylbenzene	ND	1.0	1.00	
tert-Butylbenzene	ND	1.0	1.00	
Carbon Disulfide	ND	10	1.00	
Carbon Tetrachloride	ND	0.50	1.00	
Chlorobenzene	ND	1.0	1.00	
Chloroethane	ND	5.0	1.00	
Chloroform	ND	1.0	1.00	
Chloromethane	ND	10	1.00	
2-Chlorotoluene	ND	1.0	1.00	
4-Chlorotoluene	ND	1.0	1.00	
Dibromochloromethane	ND	1.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.00	
1,2-Dibromoethane	ND	1.0	1.00	
Dibromomethane	ND	1.0	1.00	
1,2-Dichlorobenzene	ND	1.0	1.00	
1,3-Dichlorobenzene	ND	1.0	1.00	
1,4-Dichlorobenzene	ND	1.0	1.00	
Dichlorodifluoromethane	ND	1.0	1.00	
1,1-Dichloroethane	ND	1.0	1.00	
1,2-Dichloroethane	ND	0.50	1.00	
1,1-Dichloroethene	ND	1.0	1.00	
c-1,2-Dichloroethene	ND	1.0	1.00	
t-1,2-Dichloroethene	ND	1.0	1.00	
1,2-Dichloropropane	ND	1.0	1.00	
1,3-Dichloropropane	ND	1.0	1.00	
2,2-Dichloropropane	ND	1.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	1.0	1.00	
c-1,3-Dichloropropene	ND	0.50	1.00	
t-1,3-Dichloropropene	ND	0.50	1.00	
Ethylbenzene	ND	1.0	1.00	
2-Hexanone	ND	10	1.00	
Isopropylbenzene	ND	1.0	1.00	
p-Isopropyltoluene	ND	1.0	1.00	
Methylene Chloride	ND	10	1.00	
4-Methyl-2-Pentanone	ND	10	1.00	
Naphthalene	ND	10	1.00	
n-Propylbenzene	ND	1.0	1.00	
Styrene	ND	1.0	1.00	
1,1,1,2-Tetrachloroethane	ND	1.0	1.00	
1,1,2,2-Tetrachloroethane	ND	1.0	1.00	
Tetrachloroethene	9.3	1.0	1.00	
Toluene	ND	1.0	1.00	
1,2,3-Trichlorobenzene	ND	1.0	1.00	
1,2,4-Trichlorobenzene	ND	1.0	1.00	
1,1,1-Trichloroethane	ND	1.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.00	
1,1,2-Trichloroethane	ND	1.0	1.00	
Trichloroethene	ND	1.0	1.00	
Trichlorofluoromethane	ND	10	1.00	
1,2,3-Trichloropropane	ND	5.0	1.00	
1,2,4-Trimethylbenzene	ND	1.0	1.00	
1,3,5-Trimethylbenzene	ND	1.0	1.00	
Vinyl Acetate	ND	10	1.00	
Vinyl Chloride	ND	0.50	1.00	
p/m-Xylene	ND	1.0	1.00	
o-Xylene	ND	1.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	97	80-120	
Dibromofluoromethane	114	78-126	
1,2-Dichloroethane-d4	98	75-135	
Toluene-d8	99	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-16A	**16-03-1400-15-A**	**03/16/16 12:32**	**Aqueous**	**GC/MS RR**	**03/18/16**	**03/19/16 02:12**	**160318L029**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	20	1.00	
Benzene	ND	0.50	1.00	
Bromobenzene	ND	1.0	1.00	
Bromochloromethane	ND	1.0	1.00	
Bromodichloromethane	ND	1.0	1.00	
Bromoform	ND	1.0	1.00	
Bromomethane	ND	10	1.00	
2-Butanone	ND	10	1.00	
n-Butylbenzene	ND	1.0	1.00	
sec-Butylbenzene	ND	1.0	1.00	
tert-Butylbenzene	ND	1.0	1.00	
Carbon Disulfide	ND	10	1.00	
Carbon Tetrachloride	ND	0.50	1.00	
Chlorobenzene	ND	1.0	1.00	
Chloroethane	ND	5.0	1.00	
Chloroform	ND	1.0	1.00	
Chloromethane	ND	10	1.00	
2-Chlorotoluene	ND	1.0	1.00	
4-Chlorotoluene	ND	1.0	1.00	
Dibromochloromethane	ND	1.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.00	
1,2-Dibromoethane	ND	1.0	1.00	
Dibromomethane	ND	1.0	1.00	
1,2-Dichlorobenzene	ND	1.0	1.00	
1,3-Dichlorobenzene	ND	1.0	1.00	
1,4-Dichlorobenzene	ND	1.0	1.00	
Dichlorodifluoromethane	ND	1.0	1.00	
1,1-Dichloroethane	ND	1.0	1.00	
1,2-Dichloroethane	ND	0.50	1.00	
1,1-Dichloroethene	ND	1.0	1.00	
c-1,2-Dichloroethene	9.5	1.0	1.00	
t-1,2-Dichloroethene	ND	1.0	1.00	
1,2-Dichloropropane	ND	1.0	1.00	
1,3-Dichloropropane	ND	1.0	1.00	
2,2-Dichloropropane	ND	1.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	1.0	1.00	
c-1,3-Dichloropropene	ND	0.50	1.00	
t-1,3-Dichloropropene	ND	0.50	1.00	
Ethylbenzene	ND	1.0	1.00	
2-Hexanone	ND	10	1.00	
Isopropylbenzene	ND	1.0	1.00	
p-Isopropyltoluene	ND	1.0	1.00	
Methylene Chloride	ND	10	1.00	
4-Methyl-2-Pentanone	ND	10	1.00	
Naphthalene	ND	10	1.00	
n-Propylbenzene	ND	1.0	1.00	
Styrene	ND	1.0	1.00	
1,1,1,2-Tetrachloroethane	ND	1.0	1.00	
1,1,2,2-Tetrachloroethane	ND	1.0	1.00	
Tetrachloroethene	12	1.0	1.00	
Toluene	ND	1.0	1.00	
1,2,3-Trichlorobenzene	ND	1.0	1.00	
1,2,4-Trichlorobenzene	ND	1.0	1.00	
1,1,1-Trichloroethane	ND	1.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.00	
1,1,2-Trichloroethane	ND	1.0	1.00	
Trichloroethene	4.3	1.0	1.00	
Trichlorofluoromethane	ND	10	1.00	
1,2,3-Trichloropropane	ND	5.0	1.00	
1,2,4-Trimethylbenzene	ND	1.0	1.00	
1,3,5-Trimethylbenzene	ND	1.0	1.00	
Vinyl Acetate	ND	10	1.00	
Vinyl Chloride	ND	0.50	1.00	
p/m-Xylene	ND	1.0	1.00	
o-Xylene	ND	1.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	98	80-120	
Dibromofluoromethane	111	78-126	
1,2-Dichloroethane-d4	98	75-135	
Toluene-d8	101	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Dup-2	**16-03-1400-16-A**	**03/16/16 00:00**	**Aqueous**	**GC/MS RR**	**03/18/16**	**03/19/16 02:47**	**160318L029**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	20	1.00	
Benzene	ND	0.50	1.00	
Bromobenzene	ND	1.0	1.00	
Bromochloromethane	ND	1.0	1.00	
Bromodichloromethane	ND	1.0	1.00	
Bromoform	ND	1.0	1.00	
Bromomethane	ND	10	1.00	
2-Butanone	ND	10	1.00	
n-Butylbenzene	ND	1.0	1.00	
sec-Butylbenzene	ND	1.0	1.00	
tert-Butylbenzene	ND	1.0	1.00	
Carbon Disulfide	ND	10	1.00	
Carbon Tetrachloride	ND	0.50	1.00	
Chlorobenzene	ND	1.0	1.00	
Chloroethane	ND	5.0	1.00	
Chloroform	ND	1.0	1.00	
Chloromethane	ND	10	1.00	
2-Chlorotoluene	ND	1.0	1.00	
4-Chlorotoluene	ND	1.0	1.00	
Dibromochloromethane	ND	1.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.00	
1,2-Dibromoethane	ND	1.0	1.00	
Dibromomethane	ND	1.0	1.00	
1,2-Dichlorobenzene	ND	1.0	1.00	
1,3-Dichlorobenzene	ND	1.0	1.00	
1,4-Dichlorobenzene	ND	1.0	1.00	
Dichlorodifluoromethane	ND	1.0	1.00	
1,1-Dichloroethane	ND	1.0	1.00	
1,2-Dichloroethane	ND	0.50	1.00	
1,1-Dichloroethene	ND	1.0	1.00	
c-1,2-Dichloroethene	ND	1.0	1.00	
t-1,2-Dichloroethene	ND	1.0	1.00	
1,2-Dichloropropane	ND	1.0	1.00	
1,3-Dichloropropane	ND	1.0	1.00	
2,2-Dichloropropane	ND	1.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	1.0	1.00	
c-1,3-Dichloropropene	ND	0.50	1.00	
t-1,3-Dichloropropene	ND	0.50	1.00	
Ethylbenzene	ND	1.0	1.00	
2-Hexanone	ND	10	1.00	
Isopropylbenzene	ND	1.0	1.00	
p-Isopropyltoluene	ND	1.0	1.00	
Methylene Chloride	ND	10	1.00	
4-Methyl-2-Pentanone	ND	10	1.00	
Naphthalene	ND	10	1.00	
n-Propylbenzene	ND	1.0	1.00	
Styrene	ND	1.0	1.00	
1,1,1,2-Tetrachloroethane	ND	1.0	1.00	
1,1,2,2-Tetrachloroethane	ND	1.0	1.00	
Tetrachloroethene	1.4	1.0	1.00	
Toluene	ND	1.0	1.00	
1,2,3-Trichlorobenzene	ND	1.0	1.00	
1,2,4-Trichlorobenzene	ND	1.0	1.00	
1,1,1-Trichloroethane	ND	1.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.00	
1,1,2-Trichloroethane	ND	1.0	1.00	
Trichloroethene	ND	1.0	1.00	
Trichlorofluoromethane	ND	10	1.00	
1,2,3-Trichloropropane	ND	5.0	1.00	
1,2,4-Trimethylbenzene	ND	1.0	1.00	
1,3,5-Trimethylbenzene	ND	1.0	1.00	
Vinyl Acetate	ND	10	1.00	
Vinyl Chloride	ND	0.50	1.00	
p/m-Xylene	ND	1.0	1.00	
o-Xylene	ND	1.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	98	80-120	
Dibromofluoromethane	109	78-126	
1,2-Dichloroethane-d4	97	75-135	
Toluene-d8	100	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Dup-1	**16-03-1400-17-A**	**03/15/16 00:00**	**Aqueous**	**GC/MS RR**	**03/18/16**	**03/19/16 03:22**	**160318L029**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	20	1.00	
Benzene	ND	0.50	1.00	
Bromobenzene	ND	1.0	1.00	
Bromochloromethane	ND	1.0	1.00	
Bromodichloromethane	ND	1.0	1.00	
Bromoform	ND	1.0	1.00	
Bromomethane	ND	10	1.00	
2-Butanone	ND	10	1.00	
n-Butylbenzene	ND	1.0	1.00	
sec-Butylbenzene	ND	1.0	1.00	
tert-Butylbenzene	ND	1.0	1.00	
Carbon Disulfide	ND	10	1.00	
Carbon Tetrachloride	ND	0.50	1.00	
Chlorobenzene	ND	1.0	1.00	
Chloroethane	ND	5.0	1.00	
Chloroform	ND	1.0	1.00	
Chloromethane	ND	10	1.00	
2-Chlorotoluene	ND	1.0	1.00	
4-Chlorotoluene	ND	1.0	1.00	
Dibromochloromethane	ND	1.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.00	
1,2-Dibromoethane	ND	1.0	1.00	
Dibromomethane	ND	1.0	1.00	
1,2-Dichlorobenzene	ND	1.0	1.00	
1,3-Dichlorobenzene	ND	1.0	1.00	
1,4-Dichlorobenzene	ND	1.0	1.00	
Dichlorodifluoromethane	ND	1.0	1.00	
1,1-Dichloroethane	ND	1.0	1.00	
1,2-Dichloroethane	ND	0.50	1.00	
1,1-Dichloroethene	ND	1.0	1.00	
c-1,2-Dichloroethene	8.6	1.0	1.00	
t-1,2-Dichloroethene	ND	1.0	1.00	
1,2-Dichloropropane	ND	1.0	1.00	
1,3-Dichloropropane	ND	1.0	1.00	
2,2-Dichloropropane	ND	1.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	1.0	1.00	
c-1,3-Dichloropropene	ND	0.50	1.00	
t-1,3-Dichloropropene	ND	0.50	1.00	
Ethylbenzene	ND	1.0	1.00	
2-Hexanone	ND	10	1.00	
Isopropylbenzene	ND	1.0	1.00	
p-Isopropyltoluene	ND	1.0	1.00	
Methylene Chloride	ND	10	1.00	
4-Methyl-2-Pentanone	ND	10	1.00	
Naphthalene	ND	10	1.00	
n-Propylbenzene	ND	1.0	1.00	
Styrene	ND	1.0	1.00	
1,1,1,2-Tetrachloroethane	ND	1.0	1.00	
1,1,2,2-Tetrachloroethane	ND	1.0	1.00	
Tetrachloroethene	ND	1.0	1.00	
Toluene	ND	1.0	1.00	
1,2,3-Trichlorobenzene	ND	1.0	1.00	
1,2,4-Trichlorobenzene	ND	1.0	1.00	
1,1,1-Trichloroethane	ND	1.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.00	
1,1,2-Trichloroethane	ND	1.0	1.00	
Trichloroethene	ND	1.0	1.00	
Trichlorofluoromethane	ND	10	1.00	
1,2,3-Trichloropropane	ND	5.0	1.00	
1,2,4-Trimethylbenzene	ND	1.0	1.00	
1,3,5-Trimethylbenzene	ND	1.0	1.00	
Vinyl Acetate	ND	10	1.00	
Vinyl Chloride	ND	0.50	1.00	
p/m-Xylene	ND	1.0	1.00	
o-Xylene	ND	1.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	97	80-120	
Dibromofluoromethane	121	78-126	
1,2-Dichloroethane-d4	98	75-135	
Toluene-d8	98	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
FB-1	**16-03-1400-18-A**	**03/15/16 00:00**	**Aqueous**	**GC/MS RR**	**03/18/16**	**03/19/16 03:57**	**160318L029**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	20	1.00	
Benzene	ND	0.50	1.00	
Bromobenzene	ND	1.0	1.00	
Bromochloromethane	ND	1.0	1.00	
Bromodichloromethane	ND	1.0	1.00	
Bromoform	ND	1.0	1.00	
Bromomethane	ND	10	1.00	
2-Butanone	ND	10	1.00	
n-Butylbenzene	ND	1.0	1.00	
sec-Butylbenzene	ND	1.0	1.00	
tert-Butylbenzene	ND	1.0	1.00	
Carbon Disulfide	ND	10	1.00	
Carbon Tetrachloride	ND	0.50	1.00	
Chlorobenzene	ND	1.0	1.00	
Chloroethane	ND	5.0	1.00	
Chloroform	ND	1.0	1.00	
Chloromethane	ND	10	1.00	
2-Chlorotoluene	ND	1.0	1.00	
4-Chlorotoluene	ND	1.0	1.00	
Dibromochloromethane	ND	1.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.00	
1,2-Dibromoethane	ND	1.0	1.00	
Dibromomethane	ND	1.0	1.00	
1,2-Dichlorobenzene	ND	1.0	1.00	
1,3-Dichlorobenzene	ND	1.0	1.00	
1,4-Dichlorobenzene	ND	1.0	1.00	
Dichlorodifluoromethane	ND	1.0	1.00	
1,1-Dichloroethane	ND	1.0	1.00	
1,2-Dichloroethane	ND	0.50	1.00	
1,1-Dichloroethene	ND	1.0	1.00	
c-1,2-Dichloroethene	ND	1.0	1.00	
t-1,2-Dichloroethene	ND	1.0	1.00	
1,2-Dichloropropane	ND	1.0	1.00	
1,3-Dichloropropane	ND	1.0	1.00	
2,2-Dichloropropane	ND	1.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	1.0	1.00	
c-1,3-Dichloropropene	ND	0.50	1.00	
t-1,3-Dichloropropene	ND	0.50	1.00	
Ethylbenzene	ND	1.0	1.00	
2-Hexanone	ND	10	1.00	
Isopropylbenzene	ND	1.0	1.00	
p-Isopropyltoluene	ND	1.0	1.00	
Methylene Chloride	ND	10	1.00	
4-Methyl-2-Pentanone	ND	10	1.00	
Naphthalene	ND	10	1.00	
n-Propylbenzene	ND	1.0	1.00	
Styrene	ND	1.0	1.00	
1,1,1,2-Tetrachloroethane	ND	1.0	1.00	
1,1,2,2-Tetrachloroethane	ND	1.0	1.00	
Tetrachloroethene	ND	1.0	1.00	
Toluene	ND	1.0	1.00	
1,2,3-Trichlorobenzene	ND	1.0	1.00	
1,2,4-Trichlorobenzene	ND	1.0	1.00	
1,1,1-Trichloroethane	ND	1.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.00	
1,1,2-Trichloroethane	ND	1.0	1.00	
Trichloroethene	ND	1.0	1.00	
Trichlorofluoromethane	ND	10	1.00	
1,2,3-Trichloropropane	ND	5.0	1.00	
1,2,4-Trimethylbenzene	ND	1.0	1.00	
1,3,5-Trimethylbenzene	ND	1.0	1.00	
Vinyl Acetate	ND	10	1.00	
Vinyl Chloride	ND	0.50	1.00	
p/m-Xylene	ND	1.0	1.00	
o-Xylene	ND	1.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	97	80-120	
Dibromofluoromethane	107	78-126	
1,2-Dichloroethane-d4	96	75-135	
Toluene-d8	98	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
TB	**16-03-1400-19-A**	**03/15/16 00:00**	**Aqueous**	**GC/MS RR**	**03/18/16**	**03/19/16 04:33**	**160318L029**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	20	1.00	
Benzene	ND	0.50	1.00	
Bromobenzene	ND	1.0	1.00	
Bromochloromethane	ND	1.0	1.00	
Bromodichloromethane	ND	1.0	1.00	
Bromoform	ND	1.0	1.00	
Bromomethane	ND	10	1.00	
2-Butanone	ND	10	1.00	
n-Butylbenzene	ND	1.0	1.00	
sec-Butylbenzene	ND	1.0	1.00	
tert-Butylbenzene	ND	1.0	1.00	
Carbon Disulfide	ND	10	1.00	
Carbon Tetrachloride	ND	0.50	1.00	
Chlorobenzene	ND	1.0	1.00	
Chloroethane	ND	5.0	1.00	
Chloroform	ND	1.0	1.00	
Chloromethane	ND	10	1.00	
2-Chlorotoluene	ND	1.0	1.00	
4-Chlorotoluene	ND	1.0	1.00	
Dibromochloromethane	ND	1.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.00	
1,2-Dibromoethane	ND	1.0	1.00	
Dibromomethane	ND	1.0	1.00	
1,2-Dichlorobenzene	ND	1.0	1.00	
1,3-Dichlorobenzene	ND	1.0	1.00	
1,4-Dichlorobenzene	ND	1.0	1.00	
Dichlorodifluoromethane	ND	1.0	1.00	
1,1-Dichloroethane	ND	1.0	1.00	
1,2-Dichloroethane	ND	0.50	1.00	
1,1-Dichloroethene	ND	1.0	1.00	
c-1,2-Dichloroethene	ND	1.0	1.00	
t-1,2-Dichloroethene	ND	1.0	1.00	
1,2-Dichloropropane	ND	1.0	1.00	
1,3-Dichloropropane	ND	1.0	1.00	
2,2-Dichloropropane	ND	1.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	1.0	1.00	
c-1,3-Dichloropropene	ND	0.50	1.00	
t-1,3-Dichloropropene	ND	0.50	1.00	
Ethylbenzene	ND	1.0	1.00	
2-Hexanone	ND	10	1.00	
Isopropylbenzene	ND	1.0	1.00	
p-Isopropyltoluene	ND	1.0	1.00	
Methylene Chloride	ND	10	1.00	
4-Methyl-2-Pentanone	ND	10	1.00	
Naphthalene	ND	10	1.00	
n-Propylbenzene	ND	1.0	1.00	
Styrene	ND	1.0	1.00	
1,1,1,2-Tetrachloroethane	ND	1.0	1.00	
1,1,2,2-Tetrachloroethane	ND	1.0	1.00	
Tetrachloroethene	ND	1.0	1.00	
Toluene	ND	1.0	1.00	
1,2,3-Trichlorobenzene	ND	1.0	1.00	
1,2,4-Trichlorobenzene	ND	1.0	1.00	
1,1,1-Trichloroethane	ND	1.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.00	
1,1,2-Trichloroethane	ND	1.0	1.00	
Trichloroethene	ND	1.0	1.00	
Trichlorofluoromethane	ND	10	1.00	
1,2,3-Trichloropropane	ND	5.0	1.00	
1,2,4-Trimethylbenzene	ND	1.0	1.00	
1,3,5-Trimethylbenzene	ND	1.0	1.00	
Vinyl Acetate	ND	10	1.00	
Vinyl Chloride	ND	0.50	1.00	
p/m-Xylene	ND	1.0	1.00	
o-Xylene	ND	1.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	94	80-120	
Dibromofluoromethane	108	78-126	
1,2-Dichloroethane-d4	101	75-135	
Toluene-d8	100	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-14-001-19809**	**N/A**	**Aqueous**	**GC/MS RR**	**03/17/16**	**03/17/16 20:45**	**160317L047**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	20	1.00	
Benzene	ND	0.50	1.00	
Bromobenzene	ND	1.0	1.00	
Bromochloromethane	ND	1.0	1.00	
Bromodichloromethane	ND	1.0	1.00	
Bromoform	ND	1.0	1.00	
Bromomethane	ND	10	1.00	
2-Butanone	ND	10	1.00	
n-Butylbenzene	ND	1.0	1.00	
sec-Butylbenzene	ND	1.0	1.00	
tert-Butylbenzene	ND	1.0	1.00	
Carbon Disulfide	ND	10	1.00	
Carbon Tetrachloride	ND	0.50	1.00	
Chlorobenzene	ND	1.0	1.00	
Chloroethane	ND	5.0	1.00	
Chloroform	ND	1.0	1.00	
Chloromethane	ND	10	1.00	
2-Chlorotoluene	ND	1.0	1.00	
4-Chlorotoluene	ND	1.0	1.00	
Dibromochloromethane	ND	1.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.00	
1,2-Dibromoethane	ND	1.0	1.00	
Dibromomethane	ND	1.0	1.00	
1,2-Dichlorobenzene	ND	1.0	1.00	
1,3-Dichlorobenzene	ND	1.0	1.00	
1,4-Dichlorobenzene	ND	1.0	1.00	
Dichlorodifluoromethane	ND	1.0	1.00	
1,1-Dichloroethane	ND	1.0	1.00	
1,2-Dichloroethane	ND	0.50	1.00	
1,1-Dichloroethene	ND	1.0	1.00	
c-1,2-Dichloroethene	ND	1.0	1.00	
t-1,2-Dichloroethene	ND	1.0	1.00	
1,2-Dichloropropane	ND	1.0	1.00	
1,3-Dichloropropane	ND	1.0	1.00	
2,2-Dichloropropane	ND	1.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	1.0	1.00	
c-1,3-Dichloropropene	ND	0.50	1.00	
t-1,3-Dichloropropene	ND	0.50	1.00	
Ethylbenzene	ND	1.0	1.00	
2-Hexanone	ND	10	1.00	
Isopropylbenzene	ND	1.0	1.00	
p-Isopropyltoluene	ND	1.0	1.00	
Methylene Chloride	ND	10	1.00	
4-Methyl-2-Pentanone	ND	10	1.00	
Naphthalene	ND	10	1.00	
n-Propylbenzene	ND	1.0	1.00	
Styrene	ND	1.0	1.00	
1,1,1,2-Tetrachloroethane	ND	1.0	1.00	
1,1,2,2-Tetrachloroethane	ND	1.0	1.00	
Tetrachloroethene	ND	1.0	1.00	
Toluene	ND	1.0	1.00	
1,2,3-Trichlorobenzene	ND	1.0	1.00	
1,2,4-Trichlorobenzene	ND	1.0	1.00	
1,1,1-Trichloroethane	ND	1.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.00	
1,1,2-Trichloroethane	ND	1.0	1.00	
Trichloroethene	ND	1.0	1.00	
Trichlorofluoromethane	ND	10	1.00	
1,2,3-Trichloropropane	ND	5.0	1.00	
1,2,4-Trimethylbenzene	ND	1.0	1.00	
1,3,5-Trimethylbenzene	ND	1.0	1.00	
Vinyl Acetate	ND	10	1.00	
Vinyl Chloride	ND	0.50	1.00	
p/m-Xylene	ND	1.0	1.00	
o-Xylene	ND	1.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	97	80-120	
Dibromofluoromethane	99	78-126	
1,2-Dichloroethane-d4	101	75-135	
Toluene-d8	97	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-14-001-19822**	**N/A**	**Aqueous**	**GC/MS RR**	**03/18/16**	**03/18/16 19:41**	**160318L029**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	20	1.00	
Benzene	ND	0.50	1.00	
Bromobenzene	ND	1.0	1.00	
Bromochloromethane	ND	1.0	1.00	
Bromodichloromethane	ND	1.0	1.00	
Bromoform	ND	1.0	1.00	
Bromomethane	ND	10	1.00	
2-Butanone	ND	10	1.00	
n-Butylbenzene	ND	1.0	1.00	
sec-Butylbenzene	ND	1.0	1.00	
tert-Butylbenzene	ND	1.0	1.00	
Carbon Disulfide	ND	10	1.00	
Carbon Tetrachloride	ND	0.50	1.00	
Chlorobenzene	ND	1.0	1.00	
Chloroethane	ND	5.0	1.00	
Chloroform	ND	1.0	1.00	
Chloromethane	ND	10	1.00	
2-Chlorotoluene	ND	1.0	1.00	
4-Chlorotoluene	ND	1.0	1.00	
Dibromochloromethane	ND	1.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.00	
1,2-Dibromoethane	ND	1.0	1.00	
Dibromomethane	ND	1.0	1.00	
1,2-Dichlorobenzene	ND	1.0	1.00	
1,3-Dichlorobenzene	ND	1.0	1.00	
1,4-Dichlorobenzene	ND	1.0	1.00	
Dichlorodifluoromethane	ND	1.0	1.00	
1,1-Dichloroethane	ND	1.0	1.00	
1,2-Dichloroethane	ND	0.50	1.00	
1,1-Dichloroethene	ND	1.0	1.00	
c-1,2-Dichloroethene	ND	1.0	1.00	
t-1,2-Dichloroethene	ND	1.0	1.00	
1,2-Dichloropropane	ND	1.0	1.00	
1,3-Dichloropropane	ND	1.0	1.00	
2,2-Dichloropropane	ND	1.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	1.0	1.00	
c-1,3-Dichloropropene	ND	0.50	1.00	
t-1,3-Dichloropropene	ND	0.50	1.00	
Ethylbenzene	ND	1.0	1.00	
2-Hexanone	ND	10	1.00	
Isopropylbenzene	ND	1.0	1.00	
p-Isopropyltoluene	ND	1.0	1.00	
Methylene Chloride	ND	10	1.00	
4-Methyl-2-Pentanone	ND	10	1.00	
Naphthalene	ND	10	1.00	
n-Propylbenzene	ND	1.0	1.00	
Styrene	ND	1.0	1.00	
1,1,1,2-Tetrachloroethane	ND	1.0	1.00	
1,1,2,2-Tetrachloroethane	ND	1.0	1.00	
Tetrachloroethene	ND	1.0	1.00	
Toluene	ND	1.0	1.00	
1,2,3-Trichlorobenzene	ND	1.0	1.00	
1,2,4-Trichlorobenzene	ND	1.0	1.00	
1,1,1-Trichloroethane	ND	1.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.00	
1,1,2-Trichloroethane	ND	1.0	1.00	
Trichloroethene	ND	1.0	1.00	
Trichlorofluoromethane	ND	10	1.00	
1,2,3-Trichloropropane	ND	5.0	1.00	
1,2,4-Trimethylbenzene	ND	1.0	1.00	
1,3,5-Trimethylbenzene	ND	1.0	1.00	
Vinyl Acetate	ND	10	1.00	
Vinyl Chloride	ND	0.50	1.00	
p/m-Xylene	ND	1.0	1.00	
o-Xylene	ND	1.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	98	80-120	
Dibromofluoromethane	105	78-126	
1,2-Dichloroethane-d4	98	75-135	
Toluene-d8	97	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Quality Control - Spike/Spike Duplicate

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B

Project: AmeriPride - LA / 89698

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
MW-13B	**Sample**	**Aqueous**	**GC/MS RR**	**03/18/16**	**03/18/16 20:53**	**160318S014**
MW-13B	**Matrix Spike**	**Aqueous**	**GC/MS RR**	**03/18/16**	**03/18/16 21:28**	**160318S014**
MW-13B	**Matrix Spike Duplicate**	**Aqueous**	**GC/MS RR**	**03/18/16**	**03/18/16 22:04**	**160318S014**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Benzene	ND	50.00	56.39	113	54.88	110	74-122	3	0-21	
Carbon Tetrachloride	ND	50.00	44.50	89	44.60	89	60-144	0	0-21	
Chlorobenzene	ND	50.00	56.78	114	54.86	110	73-120	3	0-22	
1,2-Dibromoethane	ND	50.00	55.14	110	53.03	106	80-122	4	0-20	
1,2-Dichlorobenzene	ND	50.00	54.91	110	54.18	108	70-120	1	0-26	
1,2-Dichloroethane	ND	50.00	55.09	110	54.10	108	64-142	2	0-20	
1,1-Dichloroethene	ND	50.00	58.53	117	54.92	110	52-136	6	0-21	
Ethylbenzene	ND	50.00	56.39	113	55.12	110	77-125	2	0-24	
Toluene	ND	50.00	56.39	113	54.60	109	72-126	3	0-23	
Trichloroethene	ND	50.00	53.15	106	50.80	102	74-128	5	0-22	
Vinyl Chloride	ND	50.00	49.88	100	47.93	96	67-133	4	0-20	
p/m-Xylene	ND	100.0	111.0	111	108.6	109	63-129	2	0-25	
o-Xylene	ND	50.00	55.03	110	54.65	109	62-128	1	0-24	
Methyl-t-Butyl Ether (MTBE)	ND	50.00	49.79	100	48.78	98	68-134	2	0-21	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits

eurofins | Calscience

Quality Control - LCS/LCSD

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Project: AmeriPride - LA / 89698

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-14-001-19809	**LCS**	**Aqueous**	**GC/MS RR**	**03/17/16**	**03/17/16 17:39**	**160317L047**
099-14-001-19809	**LCSD**	**Aqueous**	**GC/MS RR**	**03/17/16**	**03/17/16 18:48**	**160317L047**

Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	ME CL	RPD	RPD CL	Qualifiers
Benzene	50.00	44.64	89	44.14	88	80-120	73-127	1	0-20	
Carbon Tetrachloride	50.00	42.27	85	43.38	87	67-139	55-151	3	0-20	
Chlorobenzene	50.00	46.98	94	44.67	89	78-120	71-127	5	0-20	
1,2-Dibromoethane	50.00	45.62	91	44.18	88	80-120	73-127	3	0-20	
1,2-Dichlorobenzene	50.00	47.74	95	46.13	92	63-129	52-140	3	0-20	
1,2-Dichloroethane	50.00	45.73	91	45.29	91	70-130	60-140	1	0-20	
1,1-Dichloroethene	50.00	43.63	87	43.24	86	66-126	56-136	1	0-20	
Ethylbenzene	50.00	46.08	92	43.96	88	80-123	73-130	5	0-20	
Toluene	50.00	44.86	90	43.75	88	80-120	73-127	2	0-20	
Trichloroethene	50.00	43.20	86	43.09	86	80-122	73-129	0	0-20	
Vinyl Chloride	50.00	43.86	88	45.55	91	70-130	60-140	4	0-20	
p/m-Xylene	100.0	91.40	91	88.41	88	75-123	67-131	3	0-20	
o-Xylene	50.00	45.52	91	43.75	87	74-122	66-130	4	0-20	
Methyl-t-Butyl Ether (MTBE)	50.00	42.44	85	42.57	85	69-129	59-139	0	0-20	

Total number of LCS compounds: 14
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits

eurofins | Calscience

Quality Control - LCS/LCSD

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Project: AmeriPride - LA / 89698

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-14-001-19822	**LCS**	**Aqueous**	**GC/MS RR**	**03/18/16**	**03/18/16 17:14**	**160318L029**
099-14-001-19822	**LCSD**	**Aqueous**	**GC/MS RR**	**03/18/16**	**03/18/16 17:50**	**160318L029**

Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	ME CL	RPD	RPD CL	Qualifiers
Benzene	50.00	51.51	103	54.68	109	80-120	73-127	6	0-20	
Carbon Tetrachloride	50.00	43.01	86	46.56	93	67-139	55-151	8	0-20	
Chlorobenzene	50.00	52.03	104	55.97	112	78-120	71-127	7	0-20	
1,2-Dibromoethane	50.00	49.50	99	53.02	106	80-120	73-127	7	0-20	
1,2-Dichlorobenzene	50.00	53.81	108	53.96	108	63-129	52-140	0	0-20	
1,2-Dichloroethane	50.00	50.51	101	54.68	109	70-130	60-140	8	0-20	
1,1-Dichloroethene	50.00	52.22	104	56.95	114	66-126	56-136	9	0-20	
Ethylbenzene	50.00	51.95	104	55.26	111	80-123	73-130	6	0-20	
Toluene	50.00	52.09	104	55.32	111	80-120	73-127	6	0-20	
Trichloroethene	50.00	50.09	100	53.46	107	80-122	73-129	7	0-20	
Vinyl Chloride	50.00	41.89	84	45.26	91	70-130	60-140	8	0-20	
p/m-Xylene	100.0	104.6	105	110.0	110	75-123	67-131	5	0-20	
o-Xylene	50.00	51.08	102	54.87	110	74-122	66-130	7	0-20	
Methyl-t-Butyl Ether (MTBE)	50.00	44.76	90	50.69	101	69-129	59-139	12	0-20	

Total number of LCS compounds: 14
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits

eurofins | Calscience

Sample Analysis Summary Report

Work Order: 16-03-1400 Page 1 of 1

Method	Extraction	Chemist ID	Instrument	Analytical Location
EPA 8260B	EPA 5030C	823	GC/MS RR	2
EPA 8260B	EPA 5030C	1023	GC/MS RR	2

Return to Contents

eurofins | Calscience

Glossary of Terms and Qualifiers

Work Order: 16-03-1400 Page 1 of 1

Qualifiers	Definition
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.
4	The MS/MSD RPD was out of control due to suspected matrix interference.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference.
6	Surrogate recovery below the acceptance limit.
7	Surrogate recovery above the acceptance limit.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
BV	Sample received after holding time expired.
CI	See case narrative.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
HD	The chromatographic pattern was inconsistent with the profile of the reference fuel standard.
HDH	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected).
HDL	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected).
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
JA	Analyte positively identified but quantitation is an estimate.
ME	LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean).
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
SG	The sample extract was subjected to Silica Gel treatment prior to analysis.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

Return to Contents

eurofins | Calscience

7440 Lincoln Way, Garden Grove, CA 92841-1427 • (714) 895-5494
For courier service / sample drop off information, contact us26_sales@eurofinsus.com or call us.

CHAIN-OF-CUSTODY RECORD

WO NO. / LAB USE ONLY: **16-03-1400**

DATE: 3/15/16
PAGE: 1 OF 2

LABORATORY CLIENT: Burns & McDonnell
ADDRESS: 8201 Norman Center Dr #300
CITY: Bloomington STATE: MN ZIP:
TEL: 952-656-3679 E-MAIL: ebrenegan@burnsmcd.com

CLIENT PROJECT NAME / NO.: Ameri Pride - L.A.
PROJECT CONTACT: Erik Brenegan / Stephanie Ryno
GLOBAL ID:
LOG CODE:

P.O. NO.: 89698
LAB CONTACT OR QUOTE NO.: Vikas Patel
SAMPLER(S): (PRINT) Brian Johnson

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ STANDARD

EDD:
☐ COELT EDF ☐ OTHER

SPECIAL INSTRUCTIONS:
Please also send to:
sryno@burnsmcd.com

REQUESTED ANALYSES

Please check box or fill in blank as needed.

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	☐ TPH(g) ☐ GRO	☐ TPH(d) ☐ DRO	TPH ☐ C6-C36 ☐ C6-C44	TPH ____	BTEX / MTBE ☐ 8260 ☐ ____	VOCs (8260) B	Oxygenates (8260)	Prep (5035) ☐ En Core ☐ Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs ☐ 8270 ☐ 8270 SIM	T22 Metals ☐ 6010/747X ☐ 6020/747X	Cr(VI) ☐ 7196 ☐ 7199 ☐ 218.6
1	MW-16C	3/15/16	1330	H_2O	5-40mL		X							X								
2	MW-16B		1420																			
3	K-1		1508																			
4	MW-10B		1642																			
5	MW-10A		1700																			
6	MW-9A		1754																			
7	MW-7		1918																			
8	MW-13A	3/16/16	0500																			
9	MW-13B		0530																			
10	MW-14		0635																			

Relinquished by: (Signature) B. Johnson	Received by: (Signature/Affiliation) ECI	Date: 3/17/16	Time: 20:05
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

2015-05-13 Revision

Return to Contents

eurofins | Calscience

7440 Lincoln Way, Garden Grove, CA 92841-1427 • (714) 895-5494
For courier service / sample drop off information, contact us26_sales@eurofinsus.com or call us.

CHAIN-OF-CUSTODY RECORD

DATE: 3/15/16
PAGE: 2 OF 2

WO NO. / LAB USE ONLY: 16-03-1400

LABORATORY CLIENT: Burns & McDonnell
ADDRESS: 8201 Norman Center Dr. #300
CITY: Bloomington STATE: MN ZIP:
TEL: 952-656-3679 E-MAIL: ebrenegan@burnsmcd.com

CLIENT PROJECT NAME / NO.: AmeriPride - L.A.
PROJECT CONTACT: Erik Brenegan / Stephanie Ryno
GLOBAL ID: LOG CODE:

P.O. NO.: 89698
LAB CONTACT OR QUOTE NO.: Vikas Patel
SAMPLER(S): (PRINT) Brian Johnson

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☐ STANDARD

EDD:
☐ COELT EDF ☐ OTHER

SPECIAL INSTRUCTIONS:

REQUESTED ANALYSES

Please check box or fill in blank as needed.

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	☐ TPH(g) ☐ GRO	☐ TPH(d) ☐ DRO	TPH ☐ C6-C36 ☐ C6-C44	TPH ____	BTEX / MTBE ☐ 8260 ☐ ____	VOCs (8260) B	Oxygenates (8260)	Prep (5035) ☐ En Core ☐ Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs ☐ 8270 ☐ 8270 SIM	T22 Metals ☐ 6010/747X ☐ 6020/747X	Cr(VI) ☐ 7196 ☐ 7199 ☐ 218.6
11	MW-15	3/16/16	0746	8 H2O	5-40mL		X							X								
12	MW-3		0926																			
13	MW-12		1020																			
14	MW-11		1146																			
15	MW-16A		1232																			
16	DUP-2		—																			
17	DUP-1	3/15/16	—																			
18	FB-1		—																			
19	TB		—		2-40mL																	

Relinquished by: (Signature) B. Johnson Douglas	Received by: (Signature/Affiliation) Michael ECL	Date: 3/17/16	Time: 20:05
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

2015-05-13 Revision

Return to Contents

eurofins | Calscience

WORK ORDER NUMBER: 16-03- 1400

SAMPLE RECEIPT CHECKLIST

COOLER 1 OF 1

CLIENT: Burns & McDonnell

DATE: 03 / 17 / 2016

TEMPERATURE: (Criteria: 0.0°C – 6.0°C, not frozen except sediment/tissue)

Thermometer ID: SC4B (CF: +0.3°C); Temperature (w/o CF): 4.1 °C (w/ CF): 4.4 °C; ☐ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____)

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling

☐ Sample(s) received at ambient temperature; placed on ice for transport by courier

Ambient Temperature: ☐ Air ☐ Filter Checked by: 1017

CUSTODY SEAL:

Cooler ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: 1017

Sample(s) ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: 659

SAMPLE CONDITION:	Yes	No	N/A
Chain-of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
☐ Sampling date ☐ Sampling time ☐ Matrix ☐ Number of containers			
☐ No analysis requested ☐ Not relinquished ☐ No relinquished date ☐ No relinquished time			
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and in good condition	☑	☐	☐
Proper containers for analyses requested	☑	☐	☐
Sufficient volume/mass for analyses requested	☑	☐	☐
Samples received within holding time	☑	☐	☐
Aqueous samples for certain analyses received within 15-minute holding time			
☐ pH ☐ Residual Chlorine ☐ Dissolved Sulfide ☐ Dissolved Oxygen	☐	☐	☑
Proper preservation chemical(s) noted on COC and/or sample container	☑	☐	☐
Unpreserved aqueous sample(s) received for certain analyses			
☐ Volatile Organics ☐ Total Metals ☐ Dissolved Metals			
Container(s) for certain analysis free of headspace	☑	☐	☐
☑ Volatile Organics ☐ Dissolved Gases (RSK-175) ☐ Dissolved Oxygen (SM 4500)			
☐ Carbon Dioxide (SM 4500) ☐ Ferrous Iron (SM 3500) ☐ Hydrogen Sulfide (Hach)			
Tedlar™ bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE: (Trip Blank Lot Number: 160223B)

Aqueous: ☐ VOA ☑ VOA**h** ☐ VOA**na$_2$** ☐ 100PJ ☐ 100PJ**na$_2$** ☐ 125AGB ☐ 125AGB**h** ☐ 125AGB**p** ☐ 125PB ☐ 125PB**znna** ☐ 250AGB ☐ 250CGB ☐ 250CGB**s** ☐ 250PB ☐ 250PB**n** ☐ 500AGB ☐ 500AGJ ☐ 500AGJ**s** ☐ 500PB ☐ 1AGB ☐ 1AGB**na$_2$** ☐ 1AGB**s** ☐ 1PB ☐ 1PB**na** ☐ _____ ☐ _____ ☐ _____ ☐ _____

Solid: ☐ 4ozCGJ ☐ 8ozCGJ ☐ 16ozCGJ ☐ Sleeve (_____) ☐ EnCores® (_____) ☐ TerraCores® (_____) ☐ _____

Air: ☐ Tedlar™ ☐ Canister ☐ Sorbent Tube ☐ PUF ☐ _____ **Other Matrix** (_____): ☐ _____ ☐ _____

Container: **A** = Amber, **B** = Bottle, **C** = Clear, **E** = Envelope, **G** = Glass, **J** = Jar, **P** = Plastic, and **Z** = Ziploc/Resealable Bag

Preservative: **b** = buffered, **f** = filtered, **h** = HCl, **n** = HNO_3, **na** = NaOH, **na$_2$** = $Na_2S_2O_3$, **p** = H_3PO_4, **s** = H_2SO_4, **u** = ultra-pure, **znna** = $Zn(CH_3CO_2)_2$ + NaOH

Labeled/Checked by: 659

Reviewed by: 1058

APPENDIX B

GROUNDWATER FIELD LOGS

DOULOS ENVIRONMENTAL INC.
WELL MONITORING EVALUATION / GAUGING SHEET

Facility No: AmeriPride - L.A.	Date: 3/15/16
Facility Location: Los Angeles	Tech: B. Johnson
Project Manager: E. Brenegan	Project No: 89698

Gauge Order	Well I.D.	Time	Depth to Bottom	Depth to Water	Depth to LPH	LPH Thickness	Comments/ Observations
1	MW-16C	1116	94.39	36.27	N/A	0	
3	K-1	1127	66.82	39.51			
2	MW-16B	1120	70.33	37.52			FB-1
4	MW-10B	1134	91.34	41.64			DUP-1
6	MW-9A	1143	62.05	39.72			
9	MW-7	1201	70.07	39.76			
5	MW-10A	1138	62.18	42.66			
10	MW-3	1210	70.06	37.64			
11	MW-12	1219	49.04	39.11			
12	MW-11	1226	56.58	39.28			
13	MW-16A	1231	45.34	36.79			
14	MW-13A	0407	62.02	41.24			
15	MW-13B	0416	91.47	42.91			DUP-2
16	MW-14	0557	52.76	39.92	↓	↓	
17	MW-15	0655	54.84	39.57	N/A	0	
7	MW-9B	1147	91.01	39.68	N/A	0	Gauge only
8	MW-2	1155	69.80	42.34	↓	↓	gauge only

Decon Method: TRIPLE RINSE

Measuring Device: SOLINST

Notes:

FIELD GROUND WATER SAMPLING REPORT

WELL ID:	MW-16C	Site:	AmeriPride - Los Angeles, CA	Date Gauged:	3/15/16
Sample Order:	1	Project Number:	57699	Date Sampled:	3/15/16
Sampled By:	B. Johnson	Weather:	Clear	Air Temperature:	77°

SITE DESCRIPTION

Well Locked:	☒ Yes ☐ No	Well Diameter: (inches)	4"	TOC / MP Height:	2 ☒ ft ☐ m ☒ Above Ground ☐ Below Ground
Well Damaged:	☐ Yes ☒ No	TOC / MP Description:	☒ PVC ☐ Open	Site Remarks:	

TOC = Top of Casing; MP = Measuring Point.

WATER LEVEL DATA

Equipment Used:	☐ E-Tape ☐ Steel Tape ☒ Other Solinst	Measurement Units:	☒ Feet ☐ Meters	Total Well Depth:	94.39
	Pre-Purge Initial	Purging Start	During Purging	Purging End	After Sampling
Time:	1116	1238	1249 / 1301	1314	1330
Depth to Water:	36.27	36.27	36.90 / 37.51	38.07	36.44
Tape Correction:	—	—	—	—	—
Water Level:	—	—	—	—	—
Product Thickness:	—	—	—	—	—
Product Recovery:	—	—	—	—	—

PURGING

CASING VOLUME CALCULATION: 58.12 ft of water in casing X ~~38.9~~ .67 gallons/foot = ~~116.8~~ 38.9 total gallons / casing volume

Equipment Used:	☐ Grab ☐ Bailer ☒ Pump Description: Grundfos 2"			Purge Depth:	62'
Well Goes Dry While Purging:	☐ Yes ☒ No	Total Volume Purged:	117 ☒ gallons ☐ liters		

FIELD WATER QUALITY DATA

Time (24-hr)	Amount Purged	Pumping Rate	pH	Temp.	Dissolved Oxygen	Cond.	Turbidity	ORP	Color / Tint	Odor	
hh:mm	☒ gallons ☐ liters	☒ gpm ☐ L/min	☐ Temp. corrected?	☒ °C ☐ °F	mg/L	☐ SC ☐ EC µS/cm	NTUs	mV			
1238	0	—	7.17	23.0	1.77	1226	20.7	226	Clear	No	
1249	39	~~3.5~~	7.09	22.8	1.84	1198	23.4	231	Clear	No	
1301	78	3.25	7.05	23.1	1.79	1171	16.9	239	Clear	No	
1314	117	3	7.05	22.9	1.84	1133	18.1	249	Clear	No	

Flow Cell Type:	N/A	DO Meter Model No.:	YSI 55	ORP Meter Model No.:	Oakton 10

Conductivity: SC = Specific Conductance corrected for temperature (µS/cm at 25°C); EC = Electroconductivity not corrected for temperature (µS/cm).

SAMPLE DATA

Equipment Used:	☐ Grab ☒ Bailer ☐ Pump Description:						Sample Depth:	36.44	
Field Sample ID	Result Code	Date (m/d/yy)	Time (hh:mm)	Bottles	Filtered (0.45 µm)	Lab ID	Case ID	SDG ID	Remarks
MW-16C	PO	3/15/16	1330	5-40ml	N/A	—	—	—	

Result Codes: PO, Primary Sample; D#, Duplicate Sample; S#, Split Sample; BF#, Field Blank; BR#, Equipment Rinsate; BT#, Trip Blank; SF#, Field Spike; (# = 1 to 9).
SDG = Sample Delivery Group.

Sampler's Name (Print)	Brian Johnson	Signature	B. Johnson	Date	3/15/16

FIELD GROUND WATER SAMPLING REPORT

WELL ID:	MW-16B	Site:	AmeriPride - Los Angeles, CA	Date Gauged:	3/15/16
Sample Order:	2	Project Number:	57699	Date Sampled:	3/15/16
Sampled By:	B. Johnson	Weather:	Clear	Air Temperature:	77°

SITE DESCRIPTION

Well Locked:	☑ Yes ☐ No	Well Diameter: (inches)	4"	TOC / MP Height:	2 ☑ ft ☐ m ☑ Above Ground ☐ Below Ground
Well Damaged:	☐ Yes ☑ No	TOC / MP Description:	☑ PVC ☐ Open	Site Remarks:	

TOC = Top of Casing; MP = Measuring Point.

WATER LEVEL DATA

Equipment Used:	☐ E-Tape ☐ Steel Tape ☑ Other Solinst	Measurement Units:	☑ Feet ☐ Meters	Total Well Depth:	70.33
	Pre-Purge Initial	Purging Start	During Purging	Purging End	After Sampling
Time:	1120	1338	1345 / 1354	1405	1420
Depth to Water:	37.52	37.52	37.94 / 38.40	39.01	37.66
Tape Correction:	—	—	—	—	—
Water Level:	—	—	—	—	—
Product Thickness:	—	—	—	—	—
Product Recovery:	—	—	—	—	—

PURGING

CASING VOLUME CALCULATION: 32.81 ft of water in casing X 21.98 gallons/foot = 21.98 total gallons / casing volume

Equipment Used:	☐ Grab ☐ Bailer ☑ Pump Description: Grundfos 2"	Purge Depth:	60'
Well Goes Dry While Purging:	☐ Yes ☑ No	Total Volume Purged:	66 ☑ gallons ☐ liters

FIELD WATER QUALITY DATA

Time (24-hr)	Amount Purged	Pumping Rate	pH	Temp.	Dissolved Oxygen	Cond.	Turbidity	ORP	Color / Tint	Odor	
hh:mm	☑ gallons ☐ liters	☑ gpm ☐ L/min	☐ Temp. corrected?	☑ °C ☐ °F	mg/L	☐ SC ☐ EC ☑ µS/cm	NTUs	mV			
1338	0	—	6.85	23.1	2.11	1508	27.4	250	Clear	No	
1345	22	3.1	6.81	23.2	2.08	1436	21.8	242	Clear	No	
1354	44	2.4	6.79	23.4	2.04	1321	22.9	236	Clear	No	
1405	66	2	6.77	23.3	2.00	1313	19.6	232	Clear	No	

Flow Cell Type: N/A DO Meter Model No.: YSI 55 ORP Meter Model No.: Oakton 10

nductivity: SC = Specific Conductance corrected for temperature (µS/cm at 25°C); EC = Electroconductivity not corrected for temperature (µS/cm).

SAMPLE DATA

Equipment Used: ☐ Grab ☑ Bailer ☐ Pump Description: _____ Sample Depth: 37.66

Field Sample ID	Result Code	Date (m/d/yy)	Time (hh:mm)	Bottles	Filtered (0.45 µm)	Lab ID	Case ID	SDG ID	Remarks
MW-16B	PO	3/15/16	1420	5-40mL	N/A	—	—	—	

ult Codes: PO, Primary Sample; D#, Duplicate Sample; S#, Split Sample; BF#, Field Blank; BR#, Equipment Rinsate; BT#, Trip Blank; SF#, Field Spike; (# = 1 to 9).
= Sample Delivery Group.

mpler's Name (nt)	Brian Johnson	Signature	B. Johnson
		Date	3/15/16

FIELD GROUND WATER SAMPLING REPORT

WELL ID:	K-1	**Site:**	AmeriPride - Los Angeles, CA	**Date Gauged:**	3/15/16
Sample Order:	3	**Project Number:**	57699	**Date Sampled:**	3/15/16
Sampled By:	B. Johnson	**Weather:**	Clear	**Air Temperature:**	79.

SITE DESCRIPTION

Well Locked:	☑ Yes ☐ No	**Well Diameter: (inches)**	2"	**TOC / MP Height:**	3 ☑ ft ☐ m ☐ Above Ground ☐ Below Ground
Well Damaged:	☑ Yes ☐ No	**TOC / MP Description:**	☑ PVC ☐ Open	**Site Remarks:**	Monument was hit and leans.

TOC = Top of Casing; MP = Measuring Point.

WATER LEVEL DATA

Equipment Used:	☐ E-Tape ☐ Steel Tape ☑ Other Solinst	**Measurement Units:**	☑ Feet ☐ Meters	**Total Well Depth:**	66.82
	Pre-Purge Initial	**Purging Start**	**During Purging**	**Purging End**	**After Sampling**
Time:	1127	1440	1444 / 1448	1452	1508
Depth to Water:	39.51	39.91	39.86 / 40.21	41.04	39.95
Tape Correction:	—	—	—	—	—
Water Level:	—	—	—	—	—
Product Thickness:	—	—	—	—	—
Product Recovery:	—	—	—	—	—

PURGING

CASING VOLUME CALCULATION: 27.31 ft of water in casing X ~~0.17~~ 4.6 gallons/foot = ~~4.6~~ total gallons / casing volume

Equipment Used:	☐ Grab ☐ Bailer ☑ Pump	**Description:**	Grundfos 2"	**Purge Depth:**	60'
Well Goes Dry While Purging:	☐ Yes ☑ No	**Total Volume Purged:**	~~55~~ 14 ☑ gallons ☐ liters		

FIELD WATER QUALITY DATA

Time (24-hr)	Amount Purged	Pumping Rate	pH	Temp.	Dissolved Oxygen	Cond.	Turbidity	ORP	Color / Tint	Odor	
hh:mm	☐ gallons ☐ liters	☐ gpm ☐ L/min	☐ Temp. corrected?	☑ °C ☐ °F	mg/L	☐ SC ☐ EC ☑ µS/cm	NTUs	mV			
1440	0	—	6.98	24.2	1.49	1225	32.6	237	Clear	No	
1444	18	4.5	6.89	24.7	1.54	1302	43.9	241	Clear	No	
1448	36	4.5	6.84	24.4	1.57	1353	64.7	245	Clear	No	
1452	55	4.5	6.81	23.9	1.62	1349	66.2	246	Clear	No	

Flow Cell Type:	NA	**DO Meter Model No.:**	YSI 55
ORP Meter Model No.:	Oakton 10		

Conductivity: SC = Specific Conductance corrected for temperature (µS/cm at 25°C); EC = Electroconductivity not corrected for temperature (µS/cm).

SAMPLE DATA

Equipment Used:	☐ Grab ☑ Bailer ☐ Pump	**Description:**					**Sample Depth:**	39.95	
Field Sample ID	**Result Code**	**Date (m/d/yy)**	**Time (hh:mm)**	**Bottles**	**Filtered (0.45 µm)**	**Lab ID**	**Case ID**	**SDG ID**	**Remarks**
K-1	PO	3/15/16	1508	5-40mL	—	—	—	—	

Result Codes: P0, Primary Sample; D#, Duplicate Sample; S#, Split Sample; BF#, Field Blank; BR#, Equipment Rinsate; BT#, Trip Blank; SF#, Field Spike; (# = 1 to 9).
SDG = Sample Delivery Group.

Sampler's Name (Print)	Brian Johnson	**Signature**	B. J.	**Date**	3/15/16

FIELD GROUND WATER SAMPLING REPORT

WELL ID:	MW-10B	Site:	AmeriPride - Los Angeles, CA	Date Gauged:	3 | 15 | 16
Sample Order:	4	Project Number:	57699	Date Sampled:	3 | 15 | 16
Sampled By:	B. Johnson	Weather:	clear	Air Temperature:	77°

SITE DESCRIPTION

Well Locked:	☑ Yes ☐ No	Well Diameter: (inches)	4"	TOC / MP Height:	3 ☑ ft ☐ m ☐ Above Ground ☐ Below Ground
Well Damaged:	☐ Yes ☑ No	TOC / MP Description:	☑ PVC ☐ Open	Site Remarks:	

TOC = Top of Casing; MP = Measuring Point.

WATER LEVEL DATA

Equipment Used:	☐ E-Tape ☐ Steel Tape ☑ Other Solinst	Measurement Units:	☑ Feet ☐ Meters	Total Well Depth:	91.34
	Pre-Purge Initial	Purging Start	During Purging	Purging End	After Sampling
Time:	1134	1542	1554 / 1607	1619	1642
Depth to Water:	41.64	41.64	42.23 / 42.80	43.56	41.91
Tape Correction:	—	—	—	—	—
Water Level:	—	—	—	—	—
Product Thickness:	—	—	—	—	—
Product Recovery:	—	—	—	—	—

PURGING

CASING VOLUME CALCULATION: 49.7 ft of water in casing X .67 gallons/foot = 33 total gallons / casing volume

Equipment Used:	☐ Grab ☐ Bailer ☑ Pump	Description: Grundfos 2"		Purge Depth:	62'
Well Goes Dry While Purging:	☐ Yes ☑ No		Total Volume Purged:	100	☑ gallons ☐ liters

FIELD WATER QUALITY DATA

Time (24-hr)	Amount Purged	Pumping Rate	pH	Temp.	Dissolved Oxygen	Cond.	Turbidity	ORP	Color / Tint	Odor	
hh:mm	☑ gallons ☐ liters	☑ gpm ☐ L/min	☐ Temp. corrected?	☑ °C ☐ °F	mg/L	☐ SC ☐ EC ☑ µS/cm	NTUs	mV			
1542	0	—	7.39	23.1	1.69	1344	21.4	181	clear	No	
1554	33	2.75	7.24	22.8	1.74	1292	22.3	187	Clear	No	
1607	66	2.5	7.20	22.4	1.77	1291	25.0	195	Clear	No	
1619	100	2.75	7.16	22.1	1.85	1277	27.6	198	Clear	No	

Flow Cell Type:	NA	DO Meter Model No.:	YSI 55	ORP Meter Model No.:	Oakton 10

Conductivity: SC = Specific Conductance corrected for temperature (µS/cm at 25°C); EC = Electroconductivity not corrected for temperature (µS/cm).

SAMPLE DATA

Equipment Used:	☐ Grab ☑ Bailer ☐ Pump	Description:		Sample Depth:	41.91

Field Sample ID	Result Code	Date (m/d/yy)	Time (hh:mm)	Bottles	Filtered (0.45 µm)	Lab ID	Case ID	SDG ID	Remarks
MW-10B	PO	3/15/16	1642	5-40mL	N/A	—	—	—	
DUP-1	PODup	3/15/16	—	5-40mL	N/A	—	—	—	

Result Codes: PO, Primary Sample; D#, Duplicate Sample; S#, Split Sample; BF#, Field Blank; BR#, Equipment Rinsate; BT#, Trip Blank; SF#, Field Spike; (# = 1 to 9).
SDG = Sample Delivery Group.

Sampler's Name (Print)	Brian Johnson	Signature	B. Johnson	Date	3 | 16

FIELD GROUND WATER SAMPLING REPORT

WELL ID:	MW-10A	**Site:**	AmeriPride - Los Angeles, CA	**Date Gauged:**	3 / 15 / 16
Sample Order:	5	**Project Number:**	57699	**Date Sampled:**	3 / 15 / 16
Sampled By:	B. Johnson	**Weather:**	Clear	**Air Temperature:**	77°

SITE DESCRIPTION

Well Locked:	☑ Yes ☐ No	**Well Diameter: (inches)**	4"	**TOC / MP Height:**	3 ☑ ft ☐ m ☑ Above Ground ☐ Below Ground
Well Damaged:	☐ Yes ☑ No	**TOC / MP Description:**	☑ PVC ☐ Open	**Site Remarks:**	

TOC = Top of Casing; MP = Measuring Point.

WATER LEVEL DATA

Equipment Used:	☐ E-Tape ☐ Steel Tape ☑ Other Solinst	**Measurement Units:**	☑ Feet ☐ Meters	**Total Well Depth:**	62.18
	Pre-Purge Initial	**Purging Start**	**During Purging**	**Purging End**	**After Sampling**
Time:	1138	1628	1632 / 1637	1643	1700
Depth to Water:	42.66	42.66	42.98 / 43.40	44.12	42.90
Tape Correction:	—	—	—	—	—
Water Level:	—	—	—	—	—
Product Thickness:	—	—	—	—	—
Product Recovery:	—	—	—	—	—

PURGING

CASING VOLUME CALCULATION: 19.52 ft of water in casing X .67 gallons/foot = 13 total gallons / casing volume

Equipment Used:	☐ Grab ☐ Bailer ☑ Pump Description: Grundfos 2"	**Purge Depth:**	59'
Well Goes Dry While Purging:	☐ Yes ☑ No	**Total Volume Purged:**	39 ☑ gallons ☐ liters

FIELD WATER QUALITY DATA

Time (24-hr)	Amount Purged	Pumping Rate	pH	Temp.	Dissolved Oxygen	Cond.	Turbidity	ORP	Color / Tint	Odor	
hh:mm	☑ gallons ☐ liters	☑ gpm ☐ L/min	☐ Temp. corrected?	☑ °C ☐ °F	mg/L	☐ SC ☐ EC ☑ µS/cm	NTUs	mV			
1628	0	—	6.79	22.2	1.17	1198	20.9	141	clear	yes	
1632	13	3.25	6.77	22.2	1.12	1112	23.2	135	clear	yes	
1637	26	2.6	6.76	22.0	1.04	1036	26.5	129	clear	yes	
1643	39	2.2	6.74	22.2	1.07	1001	29.0	128	clear	yes	

Flow Cell Type:	NA	**DO Meter Model No.:**	YSI 55
		ORP Meter Model No.:	Oakton 10

nductivity: SC = Specific Conductance corrected for temperature (µS/cm at 25°C); EC = Electroconductivity not corrected for temperature (µS/cm).

SAMPLE DATA

Equipment Used:	☐ Grab ☑ Bailer ☐ Pump Description:						**Sample Depth:**	42.90	
Field Sample ID	**Result Code**	**Date (m/d/yy)**	**Time (hh:mm)**	**Bottles**	**Filtered (0.45 µm)**	**Lab ID**	**Case ID**	**SDG ID**	**Remarks**
MW-10A	PO	3/15/16	1700	5-40mL	NA	—	—	—	

lit Codes: PO, Primary Sample; D#, Duplicate Sample; S#, Split Sample; BF#, Field Blank; BR#, Equipment Rinsate; BT#, Trip Blank; SF#, Field Spike; (# = 1 to 9).
= Sample Delivery Group.

mpler's Name (nt)	Brian Johnson	**Signature**	B. Johnson
		Date	3 / 15 / 16

FIELD GROUND WATER SAMPLING REPORT

WELL ID:	MW-9A	Site:	AmeriPride - Los Angeles, CA	Date Gauged:	3/15/16
Sample Order:	6	Project Number:	57699	Date Sampled:	3/15/16
Sampled By:	B. Johnson	Weather:	Clear	Air Temperature:	72°

SITE DESCRIPTION

Well Locked:	☒ Yes ☐ No	Well Diameter: (Inches)	4"	TOC / MP Height:	2.5 ☒ ft ☐ m ☒ Above Ground ☐ Below Ground
Well Damaged:	☐ Yes ☒ No	TOC / MP Description:	☒ PVC ☐ Open	Site Remarks:	

TOC = Top of Casing; MP = Measuring Point.

WATER LEVEL DATA

Equipment Used:	☐ E-Tape ☐ Steel Tape ☒ Other Solinst	Measurement Units:	☒ Feet ☐ Meters	Total Well Depth:	62.05
	Pre-Purge Initial	Purging Start	During Purging	Purging End	After Sampling
Time:	1143	1714	1721 / 1729	1738	1754
Depth to Water:	39.72	39.72	4030 / 4036.85	4039.60	39.99
Tape Correction:	—	—	—	—	—
Water Level:	—	—	—	—	—
Product Thickness:	—	—	—	—	—
Product Recovery:	—	—	—	—	—

PURGING

CASING VOLUME CALCULATION: 22.33 ft of water in casing X ~~25~~.67 gallons/foot = 15 total gallons / casing volume

Equipment Used:	☐ Grab ☐ Bailer ☒ Pump Description: Grundfos 2"	Purge Depth:	58'
Well Goes Dry While Purging:	☐ Yes ☒ No	Total Volume Purged:	45 ☒ gallons ☐ liters

FIELD WATER QUALITY DATA

Time (24-hr)	Amount Purged	Pumping Rate	pH	Temp.	Dissolved Oxygen	Cond.	Turbidity	ORP	Color / Tint	Odor	
hh:mm	☒ gallons ☐ liters	☒ gpm ☐ L/min	☐ Temp. corrected?	☒ °C ☐ °F	mg/L	☐ SC ☐ EC ☒ µS/cm	NTUs	mV			
1714	0	—	6.98	22.3	0.94	1205	29.8	56	clear	yes	
1721	15	2.1	7.03	22.3	0.87	1241	21.4	42	clear	yes	
1729	30	1.9	7.07	22.4	0.81	1258	23.4	37	clear	yes	
1738	45	1.67	7.12	22.3	0.77	1277	20.9	33	clear	yes	

Flow Cell Type:	N/A	DO Meter Model No.:	YSI 55
		ORP Meter Model No.:	Oakton 10

nductivity: SC = Specific Conductance corrected for temperature (µS/cm at 25°C); EC = Electroconductivity not corrected for temperature (µS/cm).

SAMPLE DATA

Equipment Used:	☐ Grab ☒ Bailer ☐ Pump Description:						Sample Depth:	39.99	
Field Sample ID	Result Code	Date (m/d/yy)	Time (hh:mm)	Bottles	Filtered (0.45 µm)	Lab ID	Case ID	SDG ID	Remarks
MW-9A	PO	3/15/16	1754	5-40mL	N/A	—	—	—	

lt Codes: PO, Primary Sample; D#, Duplicate Sample; S#, Split Sample; BF#, Field Blank; BR#, Equipment Rinsate; BT#, Trip Blank; SF#, Field Spike; (# = 1 to 9).
= Sample Delivery Group.

mpler's Name (nt)	Brian Johnson	Signature	B. Johnson
		Date	3/15/16

FIELD GROUND WATER SAMPLING REPORT

WELL ID:	MW-7	**Site:**	AmeriPride - Los Angeles, CA	**Date Gauged:**	3/15/16
Sample Order:	7	**Project Number:**	57699	**Date Sampled:**	3/15/16
Sampled By:	B. Johnson	**Weather:**		**Air Temperature:**	

SITE DESCRIPTION

Well Locked:	☑ Yes ☐ No	**Well Diameter: (inches)**	4"	**TOC / MP Height:**	2.5 ☑ ft ☐ m ☑ Above Ground ☐ Below Ground
Well Damaged:	☐ Yes ☑ No	**TOC / MP Description:**	☑ PVC ☐ Open	**Site Remarks:**	

TOC = Top of Casing; MP = Measuring Point.

WATER LEVEL DATA

Equipment Used:	☐ E-Tape ☐ Steel Tape ☑ Other Solinst	**Measurement Units:**	☑ Feet ☐ Meters	**Total Well Depth:**	70.07
	Pre-Purge Initial	**Purging Start**	**During Purging**	**Purging End**	**After Sampling**
Time:	1201	1831	1840 / 1850	1901	1918
Depth to Water:	39.76	39.76	40.08 / 40.71	41.59	40.02
Tape Correction:	—	—	—	—	—
Water Level:	—	—	—	—	—
Product Thickness:	—	—	—	—	—
Product Recovery:	—	—	—	—	—

PURGING

CASING VOLUME CALCULATION: 30.31 ft of water in casing X .67 gallons/foot = 20 total gallons / casing volume

Equipment Used:	☐ Grab ☐ Bailer ☑ Pump Description: Grundfos 2"	**Purge Depth:**	62'
Well Goes Dry While Purging:	☐ Yes ☐ No	**Total Volume Purged:**	61 ☑ gallons ☐ liters

FIELD WATER QUALITY DATA

Time (24-hr)	Amount Purged	Pumping Rate	pH	Temp.	Dissolved Oxygen	Cond.	Turbidity	ORP	Color / Tint	Odor	
hh:mm	☑ gallons ☐ liters	☑ gpm ☐ L/min	☐ Temp. corrected?	☑ °C ☐ °F	mg/L	☐ SC ☐ EC ☑ µS/cm	NTUs	mV			
1831	0	—	7.34	21.8	1.91	1243	29.4	251	clear	No	
1840	20	2.2	7.21	22.2	1.96	1270	22.7	237	clear	No	
1850	40	2	7.17	22.5	2.02	1272	20.4	229	clear	No	
1901	61	1.8	7.13	22.5	2.08	1290	23.5	225	clear	No	

Flow Cell Type:	NA	**DO Meter Model No.:**	YSI 55
ORP Meter Model No.:	Oakton 10		

Conductivity: SC = Specific Conductance corrected for temperature (µS/cm at 25°C); EC = Electroconductivity not corrected for temperature (µS/cm).

SAMPLE DATA

Equipment Used:	☐ Grab ☑ Bailer ☐ Pump Description:						**Sample Depth:**	40.02
Field Sample ID	**Result Code**	**Date (m/d/yy)**	**Time (hh:mm)**	**Bottles**	**Filtered (0.45 µm)**	**Lab ID**	**Case ID**	**SDG ID**	**Remarks**
MW-7	PO	3/15/16	1918	5-40mL	NA	—	—	—	

Result Codes: PO, Primary Sample; D#, Duplicate Sample; S#, Split Sample; BF#, Field Blank; BR#, Equipment Rinsate; BT#, Trip Blank; SF#, Field Spike; (# = 1 to 9).
SDG = Sample Delivery Group.

Sampler's Name (Print)	Brian Johnson	**Signature**	B. Johnson
Date	3/15/16		

FIELD GROUND WATER SAMPLING REPORT

WELL ID:	MW-13A	**Site:**	AmeriPride - Los Angeles, CA	**Date Gauged:**	3/16/16
Sample Order:	8	**Project Number:**	57699	**Date Sampled:**	3/16/16
Sampled By:	B. Johnson	**Weather:**	clear	**Air Temperature:**	55°

SITE DESCRIPTION

Well Locked:	☐ Yes ☒ No	**Well Diameter: (inches)**	4"	**TOC / MP Height:**	.5 ☒ ft ☐ m ☐ Above Ground ☒ Below Ground
Well Damaged:	☒ Yes ☐ No	**TOC / MP Description:**	☒ PVC ☐ Open	**Site Remarks:**	water in well box Added 1 bolt

TOC = Top of Casing; MP = Measuring Point.

WATER LEVEL DATA

Equipment Used:	☐ E-Tape ☐ Steel Tape ☒ Other Solinst	**Measurement Units:**	☒ Feet ☐ Meters	**Total Well Depth:**	62.02
	Pre-Purge Initial	**Purging Start**	**During Purging**	**Purging End**	**After Sampling**
Time:	0407	0418	0423 / 0429	0436	0500
Depth to Water:	41.24	41.24	41.91 / 42.53	43.47	41.66
Tape Correction:	—	—	—	—	—
Water Level:	—	—	—	—	—
Product Thickness:	—	—	—	—	—
Product Recovery:	—	—	—	—	—

PURGING

CASING VOLUME CALCULATION: 20.78 ft of water in casing X .67 gallons/foot = 13.9 total gallons / casing volume

Equipment Used:	☐ Grab ☐ Bailer ☒ Pump	**Description:**	Grundfos 2"	**Purge Depth:**	58'
Well Goes Dry While Purging:	☐ Yes ☒ No	**Total Volume Purged:**	42	☒ gallons ☐ liters	

FIELD WATER QUALITY DATA

Time (24-hr)	Amount Purged	Pumping Rate	pH	Temp.	Dissolved Oxygen	Cond.	Turbidity	ORP	Color / Tint	Odor	
hh:mm	☒ gallons ☐ liters	☒ gpm ☐ L/min	☐ Temp. corrected?	☒ °C ☐ °F	mg/L	☐ SC ☐ EC ☒ µS/cm	NTUs	mV			
0418	0	—	7.20	20.2	1.57	1787	16.8	245	clear	No	
0423	14	2.8	7.18	20.0	1.50	1793	21.1	248	clear	No	
0429	28	2.3	7.20	20.0	1.48	1819	20.0	252	clear	No	
0436	42	2	7.22	19.7	1.44	1880	23.5	252	Clear	No	

Flow Cell Type:	NA	**DO Meter Model No.:**	YSI 55	**ORP Meter Model No.:**	Oakton 10

Conductivity: SC = Specific Conductance corrected for temperature (µS/cm at 25°C); EC = Electroconductivity not corrected for temperature (µS/cm).

SAMPLE DATA

Equipment Used:	☐ Grab ☒ Bailer ☐ Pump	**Description:**					**Sample Depth:**	41.66	
Field Sample ID	**Result Code**	**Date (m/d/yy)**	**Time (hh:mm)**	**Bottles**	**Filtered (0.45 µm)**	**Lab ID**	**Case ID**	**SDG ID**	**Remarks**
MW-13A	PO	3/16/16	0500	5-40 mL	NA	—	—	—	

Result Codes: PO, Primary Sample; D#, Duplicate Sample; S#, Split Sample; BF#, Field Blank; BR#, Equipment Rinsate; BT#, Trip Blank; SF#, Field Spike; (# = 1 to 9).
SDG = Sample Delivery Group.

Sampler's Name (Print)	Brian Johnson	**Signature**	B. Johnson
Date	3/16/16		

FIELD GROUND WATER SAMPLING REPORT

WELL ID:	MW-13B	Site:	AmeriPride - Los Angeles, CA	Date Gauged:	3/16/16
Sample Order:	9	Project Number:	57699	Date Sampled:	3/16/16
Sampled By:	B. Johnson	Weather:	Clear	Air Temperature:	58°

SITE DESCRIPTION

Well Locked:	□ Yes ☒ No	Well Diameter: (inches)	4"	TOC / MP Height:	.5 ☒ ft □ m □ Above Ground ☒ Below Ground
Well Damaged:	□ Yes ☒ No	TOC / MP Description:	☒ PVC □ Open	Site Remarks:	Added 1 bolt

TOC = Top of Casing; MP = Measuring Point.

WATER LEVEL DATA

Equipment Used:	☐ E-Tape ☐ Steel Tape ☒ Other Solinst	Measurement Units:	☒ Feet ☐ Meters	Total Well Depth:	91.47
	Pre-Purge initial	Purging Start	During Purging	Purging End	After Sampling
Time:	0410	0445	0455 / 0505	0515	0530
Depth to Water:	42.91	42.91	43.33 / 4389	44.40	43.21
Tape Correction:	—	—	—	—	—
Water Level:	—	—	—	—	—
Product Thickness:	—	—	—	—	—
Product Recovery:	—	—	—	—	—

PURGING

CASING VOLUME CALCULATION: 48.56 ft of water in casing X .67 gallons/foot = 32.5 total gallons / casing volume

Equipment Used:	□ Grab □ Bailer ☒ Pump	Description: Grundfos 2"		Purge Depth:	62'
Well Goes Dry While Purging:	□ Yes ☒ No		Total Volume Purged:	98	☒ gallons □ liters

FIELD WATER QUALITY DATA

Time (24-hr)	Amount Purged	Pumping Rate	pH	Temp.	Dissolved Oxygen	Cond.	Turbidity	ORP	Color / Tint	Odor	
hh:mm	☒ gallons ☐ liters	☒ gpm ☐ L/min	☐ Temp. corrected?	☒ °C ☐ °F	mg/L	☐ SC ☐ EC ☒ µS/cm	NTUs	mV			
0445	0	—	7.66	19.9	2.11	1344	17.2	262	clear	No	
0455	33	3.3	7.62	20.0	2.04	1307	19.3	257	clear	No	
0505	66	3.3	7.56	20.2	2.05	1294	21.9	252	clear	No	
0515	98	3.3	7.53	20.4	2.02	1261	18.5	254	clear	No	

Flow Cell Type:	NA	DO Meter Model No.:	YSI 55	ORP Meter Model No.:	Oakton 10

Conductivity: SC = Specific Conductance corrected for temperature (µS/cm at 25°C); EC = Electroconductivity not corrected for temperature (µS/cm).

SAMPLE DATA

Equipment Used:	☐ Grab ☒ Bailer ☐ Pump	Description:		Sample Depth:	43.21

Field Sample ID	Result Code	Date (m/d/yy)	Time (hh:mm)	Bottles	Filtered (0.45 µm)	Lab ID	Case ID	SDG ID	Remarks
MW-13B	PO	3/16/16	0530	5-40mL	N/A	—	—	—	
DUP-2	DUP	3/16/16	—	5-40mL	N/A	—	—	—	

Result Codes: PO, Primary Sample; D#, Duplicate Sample; S#, Split Sample; BF#, Field Blank; BR#, Equipment Rinsate; BT#, Trip Blank; SF#, Field Spike; (# = 1 to 9).
SDG = Sample Delivery Group.

Sampler's Name (Print)	Brian Johnson	Signature		Date	3/16/16

FIELD GROUND WATER SAMPLING REPORT

WELL ID:	MW-14	**Site:**	AmeriPride - Los Angeles, CA	**Date Gauged:**	3 16 16
Sample Order:	10	**Project Number:**	57699	**Date Sampled:**	3 16 16
Sampled By:	B. Johnson	**Weather:**	clear	**Air Temperature:**	60

SITE DESCRIPTION

Well Locked:	☑ Yes ☐ No	**Well Diameter: (inches)**	4"	**TOC / MP Height:**	2.5 ☑ ft ☐ m ☐ Above Ground ☑ Below Ground
Well Damaged:	☐ Yes ☑ No	**TOC / MP Description:**	☑ PVC ☐ Open	**Site Remarks:**	

TOC = Top of Casing; MP = Measuring Point.

WATER LEVEL DATA

Equipment Used:	☐ E-Tape ☐ Steel Tape ☑ Other Solinst	**Measurement Units:**	☑ Feet ☐ Meters	**Total Well Depth:**	52.76
	Pre-Purge Initial	**Purging Start**	**During Purging**	**Purging End**	**After Sampling**
Time:	0557	0602	0607 / 0613	0620	0635
Depth to Water:	39.92	39.92	40.54 / 41.70	43.17	40.36
Tape Correction:	—	—	—	—	—
Water Level:	—	—	—	—	—
Product Thickness:	—	—	—	—	—
Product Recovery:	—	—	—	—	—

PURGING

CASING VOLUME CALCULATION: 12.84 ft of water in casing X .67 gallons/foot = 8.6 total gallons / casing volume

Equipment Used:	☐ Grab ☐ Bailer ☑ Pump Description: Grundfos 2"			**Purge Depth:**	49'
Well Goes Dry While Purging:	☐ Yes ☑ No			**Total Volume Purged:**	26 ☑ gallons ☐ liters

FIELD WATER QUALITY DATA

Time (24-hr)	Amount Purged	Pumping Rate	pH	Temp.	Dissolved Oxygen	Cond.	Turbidity	ORP	Color / Tint	Odor	
hh:mm	☑ gallons ☐ liters	☑ gpm ☐ L/min	☐ Temp. corrected?	☑ °C ☐ °F	mg/L	☐ SC ☐ EC ☑ µS/cm	NTUs	mV			
0602	0	—	7.14	20.4	1.76	1114	31.4	195	clear	No	
0607	9	1.8	7.11	20.5	1.72	1197	46.2	199	clear	No	
0613	18	1.5	7.09	20.8	1.69	1214	81.9	202	clear	No	
0620	26	1.1	7.08	21.1	1.66	1240	112	204	clear	No	

Flow Cell Type:	N/A	**DO Meter Model No.:**	YSI 55
ORP Meter Model No.:	Oakton 10		

Conductivity: SC = Specific Conductance corrected for temperature (µS/cm at 25°C); EC = Electroconductivity not corrected for temperature (µS/cm).

SAMPLE DATA

Equipment Used:	☐ Grab ☑ Bailer ☐ Pump Description:						**Sample Depth:**	40.36	
Field Sample ID	**Result Code**	**Date (m/d/yy)**	**Time (hh:mm)**	**Bottles**	**Filtered (0.45 µm)**	**Lab ID**	**Case ID**	**SDG ID**	**Remarks**
MW-14	PO	3/16/16	0635	5-40mL	N/A	—	—	—	

Result Codes: PO, Primary Sample; D#, Duplicate Sample; S#, Split Sample; BF#, Field Blank; BR#, Equipment Rinsate; BT#, Trip Blank; SF#, Field Spike; (# = 1 to 9).
SDG = Sample Delivery Group.

Sampler's Name (Print)	Brian Johnson	**Signature**	B. J.	**Date**	3 16 16

FIELD GROUND WATER SAMPLING REPORT

WELL ID:	MW-15	**Site:**	AmeriPride - Los Angeles, CA	**Date Gauged:**	3/16/16
Sample Order:	11	**Project Number:**	57699	**Date Sampled:**	3/16/16
Sampled By:	B. Johnson	**Weather:**	Clear	**Air Temperature:**	62°

SITE DESCRIPTION

Well Locked:	☑ Yes ☐ No	**Well Diameter: (inches)**	4"	**TOC / MP Height:**	.5 ☑ ft ☐ m ☐ Above Ground ☑ Below Ground
Well Damaged:	☐ Yes ☑ No	**TOC / MP Description:**	☑ PVC ☐ Open	**Site Remarks:**	

TOC = Top of Casing; MP = Measuring Point

WATER LEVEL DATA

Equipment Used:	☐ E-Tape ☐ Steel Tape ☑ Other Solinst	**Measurement Units:**	☑ Feet ☐ Meters	**Total Well Depth:**	54.84
	Pre-Purge Initial	**Purging Start**	**During Purging**	**Purging End**	**After Sampling**
Time:	0655	0701	0708 / 0716	0725	0740
Depth to Water:	39.57	39.57	39.91 / 40.43	40.98	39.88
Tape Correction:	—	—	—	—	—
Water Level:	—	—	—	—	—
Product Thickness:	—	—	—	—	—
Product Recovery:	—	—	—	—	—

PURGING

CASING VOLUME CALCULATION: 15.27 ft of water in casing X .67 gallons/foot = 10 total gallons / casing volume

Equipment Used:	☐ Grab ☐ Bailer ☑ Pump Description: Grundfos 2"			**Purge Depth:**	51'
Well Goes Dry While Purging:	☐ Yes ☑ No		**Total Volume Purged:**	31	☑ gallons ☐ liters

FIELD WATER QUALITY DATA

Time (24-hr)	Amount Purged	Pumping Rate	pH	Temp.	Dissolved Oxygen	Cond.	Turbidity	ORP	Color / Tint	Odor	
hh:mm	☑ gallons ☐ liters	☑ gpm ☐ L/min	☐ Temp. corrected?	☑ °C ☐ °F	mg/L	☐ SC ☐ EC ☑ µS/cm	NTUs	mV			
0701	0	—	7.15	20.7	1.96	1477	21.1	213	clear	No	
0708	10	1.4	7.07	20.8	1.89	1416	19.8	207	clear	No	
0716	20	1.25	7.03	21.1	1.85	1390	24.5	202	clear	No	
0725	31	1.2	7.00	21.0	1.82	1361	27.1	200	clear	No	

Flow Cell Type:	N/A	**DO Meter Model No.:**	YSI 55	**ORP Meter Model No.:**	Oakton 10

Conductivity: SC = Specific Conductance corrected for temperature (µS/cm at 25°C); EC = Electroconductivity not corrected for temperature (µS/cm).

SAMPLE DATA

Equipment Used:	☐ Grab ☑ Bailer ☐ Pump Description:							**Sample Depth:**	39.88
Field Sample ID	**Result Code**	**Date (m/d/yy)**	**Time (hh:mm)**	**Bottles**	**Filtered (0.45 µm)**	**Lab ID**	**Case ID**	**SDG ID**	**Remarks**
MW-15	PO	3/16/16	0740	5-40mL	N/A	—	—	—	

Result Codes: PO, Primary Sample; D#, Duplicate Sample; S#, Split Sample; BF#, Field Blank; BR#, Equipment Rinsate; BT#, Trip Blank; SF#, Field Spike; (# = 1 to 9).
SDG = Sample Delivery Group.

Sampler's Name (Print)	Brian Johnson	**Signature**		**Date**	3/16/16

FIELD GROUND WATER SAMPLING REPORT

WELL ID:	MW-3	**Site:**	AmeriPride - Los Angeles, CA	**Date Gauged:**	3 | 15 | 16
Sample Order:	12	**Project Number:**	57699	**Date Sampled:**	3 | 16 | 16
Sampled By:	B. Johnson	**Weather:**	Clear	**Air Temperature:**	72°

SITE DESCRIPTION

Well Locked:	☐ Yes ☒ No	**Well Diameter: (inches)**	4"	**TOC / MP Height:**	2.5 ☒ ft ☐ m ☒ Above Ground ☐ Below Ground
Well Damaged:	☐ Yes ☒ No	**TOC / MP Description:**	☒ PVC ☐ Open	**Site Remarks:**	

TOC = Top of Casing; MP = Measuring Point.

WATER LEVEL DATA

Equipment Used:	☐ E-Tape ☐ Steel Tape ☒ Other Solinst	**Measurement Units:**	☒ Feet ☐ Meters	**Total Well Depth:**	70.06
	Pre-Purge Initial	**Purging Start**	**During Purging**	**Purging End**	**After Sampling**
Time:	1210	0842	0856 / 0899	0909	0926
Depth to Water:	37.64	37.64	38.11 / 38.86	39.94	38.36
Tape Correction:	—	—	—	—	—
Water Level:	—	—	—	—	—
Product Thickness:	—	—	—	—	—
Product Recovery:	—	—	—	—	—

PURGING

CASING VOLUME CALCULATION: 32.42 ft of water in casing X .67 gallons/foot = 21.7 total gallons / casing volume

Equipment Used:	☐ Grab ☐ Bailer ☒ Pump	**Description:**	Grundfos 2"	**Purge Depth:**	62'
Well Goes Dry While Purging:	☐ Yes ☒ No	**Total Volume Purged:**	65 ☒ gallons ☐ liters		

FIELD WATER QUALITY DATA

Time (24-hr)	Amount Purged	Pumping Rate	pH	Temp.	Dissolved Oxygen	Cond.	Turbidity	ORP	Color / Tint	Odor	
hh:mm	☒ gallons ☐ liters	☒ gpm ☐ L/min	☐ Temp. corrected?	☒ °C ☐ °F	mg/L	☐ SC ☐ EC ☒ µS/cm	NTUs	mV			
0842	0	—	6.89	21.4	1.69	1350	26.6	199	Clear	No	
0850	22	2.75	6.82	21.7	1.72	1395	23.9	208	Clear	No	
0859	44	2.4	6.78	21.9	1.75	1335	24.5	211	Clear	No	
0909	65	2.1	6.75	21.4	1.74	1321	22.2	215	Clear	No	

Flow Cell Type:	N/A	**DO Meter Model No.:**	YSI 55	**ORP Meter Model No.:**	Oakton 10

Conductivity: SC = Specific Conductance corrected for temperature (µS/cm at 25°C); EC = Electroconductivity not corrected for temperature (µS/cm).

SAMPLE DATA

Equipment Used:	☐ Grab ☒ Bailer ☐ Pump	**Description:**					**Sample Depth:**	38.36	
Field Sample ID	**Result Code**	**Date (m/d/yy)**	**Time (hh:mm)**	**Bottles**	**Filtered (0.45 µm)**	**Lab ID**	**Case ID**	**SDG ID**	**Remarks**
MW-3	PO	3/16/16	0926	5-40mL	N/A	—	—	—	

Result Codes: PO, Primary Sample; D#, Duplicate Sample; S#, Split Sample; BF#, Field Blank; BR#, Equipment Rinsate; BT#, Trip Blank; SF#, Field Spike; (# = 1 to 9).
SDG = Sample Delivery Group.

Sampler's Name (Print)	Brian Johnson	**Signature**	B. Johnson
Date	3 | 16 | 16		

FIELD GROUND WATER SAMPLING REPORT

WELL ID:	MW-12	**Site:**	AmeriPride - Los Angeles, CA	**Date Gauged:**	3 | 15 | 16
Sample Order:	13	**Project Number:**	57699	**Date Sampled:**	3 | 16 | 16
Sampled By:	B. Johnson	**Weather:**	Clear	**Air Temperature:**	74°

SITE DESCRIPTION

Well Locked:	☑ Yes ☐ No	**Well Diameter: (inches)**	4"	**TOC / MP Height:**	3 ☑ ft ☐ m ☑ Above Ground ☐ Below Ground
Well Damaged:	☐ Yes ☑ No	**TOC / MP Description:**	☑ PVC ☐ Open	**Site Remarks:**	Root in well

TOC = Top of Casing; MP = Measuring Point.

WATER LEVEL DATA

Equipment Used:	☐ E-Tape ☐ Steel Tape ☑ Other Solinst	**Measurement Units:**	☑ Feet ☐ Meters	**Total Well Depth:**	49.04
	Pre-Purge Initial	**Purging Start**	**During Purging**	**Purging End**	**After Sampling**
Time:	1219	0950	0954 / 0958	1003	1020
Depth to Water:	39.11	39.11	39.79 / 40.54	41.88	39.76
Tape Correction:	—	—	—	—	—
Water Level:	—	—	—	—	—
Product Thickness:	—	—	—	—	—
Product Recovery:	—	—	—	—	—

PURGING

CASING VOLUME CALCULATION: 9.93 ft of water in casing X .67 gallons/foot = 6.65 total gallons / casing volume

Equipment Used:	☐ Grab ☐ Bailer ☑ Pump	**Description:**	Grundfos 2"	**Purge Depth:**	46'
Well Goes Dry While Purging:	☐ Yes ☑ No	**Total Volume Purged:**	20 ☑ gallons ☐ liters		

FIELD WATER QUALITY DATA

Time (24-hr)	Amount Purged	Pumping Rate	pH	Temp.	Dissolved Oxygen	Cond.	Turbidity	ORP	Color / Tint	Odor	
hh:mm	☑ gallons ☐ liters	☑ gpm ☐ L/min	☐ Temp. corrected?	☑ °C ☐ °F	mg/L	☐ SC ☐ EC ☑ µS/cm	NTUs	mV			
0950	0	—	6.84	22.1	1.41	1174	29.1	213	Clear	No	
0954	7	1.75	6.77	22.4	1.46	1408	56.7	216	Clear	No	
0958	14	1.75	6.72	22.5	1.52	1527	84.4	221	Clear	No	
1003	20	1.2	6.66	22.4	1.55	1453	130	222	Clear	No	

Flow Cell Type:	N/A	**DO Meter Model No.:**	YSI 55
ORP Meter Model No.:	Oakton 10		

Conductivity: SC = Specific Conductance corrected for temperature (µS/cm at 25°C); EC = Electroconductivity not corrected for temperature (µS/cm).

SAMPLE DATA

Equipment Used:	☐ Grab ☑ Bailer ☐ Pump	**Description:**					**Sample Depth:**	39.76	
Field Sample ID	**Result Code**	**Date (m/d/yy)**	**Time (hh:mm)**	**Bottles**	**Filtered (0.45 µm)**	**Lab ID**	**Case ID**	**SDG ID**	**Remarks**
MW-12	PO	3/16/16	1020	5-40mL	N/A	—	—	—	

Result Codes: PO, Primary Sample; D#, Duplicate Sample; S#, Split Sample; BF#, Field Blank; BR#, Equipment Rinsate; BT#, Trip Blank; SF#, Field Spike; (# = 1 to 9).
SDG = Sample Delivery Group.

Sampler's Name (Print)	Brian Johnson	**Signature**	B. J.	**Date**	3 | 16 | 16

FIELD GROUND WATER SAMPLING REPORT

WELL ID:	MW-11	**Site:**	AmeriPride - Los Angeles, CA	**Date Gauged:**	3/15/16
Sample Order:	14	**Project Number:**	57699	**Date Sampled:**	3/16/16
Sampled By:	B. Johnson	**Weather:**	clear	**Air Temperature:**	78°

SITE DESCRIPTION

Well Locked:	☑ Yes ☐ No	**Well Diameter: (inches)**	4"	**TOC / MP Height:**	4 ☑ ft ☐ m ☑ Above Ground ☐ Below Ground
Well Damaged:	☐ Yes ☑ No	**TOC / MP Description:**	☑ PVC ☐ Open	**Site Remarks:**	

TOC = Top of Casing; MP = Measuring Point.

WATER LEVEL DATA

Equipment Used:	☐ E-Tape ☐ Steel Tape ☑ Other Solinst	**Measurement Units:**	☑ Feet ☐ Meters	**Total Well Depth:**	56.58
	Pre-Purge Initial	**Purging Start**	**During Purging**	**Purging End**	**After Sampling**
Time:	1232 26	1104	1112 / 1121	1131	1146
Depth to Water:	39.29	39.28	39.98 / 40.57	41.24	39.80
Tape Correction:	—	—	—	—	—
Water Level:	—	—	—	—	—
Product Thickness:	—	—	—	—	—
Product Recovery:	—	—	—	—	—

PURGING

CASING VOLUME CALCULATION: 17.3 ft of water in casing X .67 gallons/foot = 11.59 total gallons / casing volume

Equipment Used:	☐ Grab ☐ Bailer ☑ Pump	**Description:**	Grundfos 2"	**Purge Depth:**	53'
Well Goes Dry While Purging:	☐ Yes ☑ No	**Total Volume Purged:**	35	☑ gallons ☐ liters	

FIELD WATER QUALITY DATA

Time (24-hr)	Amount Purged	Pumping Rate	pH	Temp.	Dissolved Oxygen	Cond.	Turbidity	ORP	Color / Tint	Odor	
hh:mm	☑ gallons ☐ liters	☑ gpm ☐ L/min	☐ Temp. corrected?	☑ °C ☐ °F	mg/L	☐ SC ☐ EC ☑ µS/cm	NTUs	mV			
1104	0	—	6.71	22.7	1.45	1381	16.7	166	clear	No	
1117	12	1.5	6.702	22.9	1.51	1276	19.3	171	Clear	No	
1121	24	1.3	6.69	22.7	1.56	1170	22.1	175	Clear	No	
1131	35	1	6.66	22.7	1.56	1224	24.2	179	clear	No	

Flow Cell Type:	NA	**DO Meter Model No.:**	YSI 55	**ORP Meter Model No.:**	Oakton 10

Conductivity: SC = Specific Conductance corrected for temperature (µS/cm at 25°C); EC = Electroconductivity not corrected for temperature (µS/cm).

SAMPLE DATA

Equipment Used:	☐ Grab ☑ Bailer ☐ Pump	**Description:**		**Sample Depth:**	39.80

Field Sample ID	Result Code	Date (m/d/yy)	Time (hh:mm)	Bottles	Filtered (0.45 µm)	Lab ID	Case ID	SDG ID	Remarks
MW-11	PO	3/16/16	1146	5-40mL	NA	—	—	—	

Result Codes: PO, Primary Sample; D#, Duplicate Sample; S#, Split Sample; BF#, Field Blank; BR#, Equipment Rinsate; BT#, Trip Blank; SF#, Field Spike; (# = 1 to 9).
SDG = Sample Delivery Group.

Sampler's Name (Print)	Brian Johnson	**Signature**	B. Johnson	**Date**	3/16/16

FIELD GROUND WATER SAMPLING REPORT

WELL ID:	MW-16A	Site:	AmeriPride - Los Angeles, CA	Date Gauged:	3/15/16
Sample Order:	15	Project Number:	57699	Date Sampled:	3/16/16
Sampled By:	B. Johnson	Weather:	Clear	Air Temperature:	78°

SITE DESCRIPTION

Well Locked:	☒ Yes ☐ No	Well Diameter: (inches)	4"	TOC / MP Height:	2 ☒ ft ☐ m ☒ Above Ground ☐ Below Ground
Well Damaged:	☐ Yes ☒ No	TOC / MP Description:	☒ PVC ☐ Open	Site Remarks:	

TOC = Top of Casing; MP = Measuring Point.

WATER LEVEL DATA

Equipment Used:	☐ E-Tape ☐ Steel Tape ☒ Other Solinst	Measurement Units:	☒ Feet ☐ Meters	Total Well Depth:	45.34
	Pre-Purge Initial	Purging Start	During Purging	Purging End	After Sampling
Time:	1231	1159	1203 / 1208	1214	1232
Depth to Water:	36.79	36.79	37.41 / 38.54	40.19	37.53
Tape Correction:	—	—	—	—	—
Water Level:	—	—	—	—	—
Product Thickness:	—	—	—	—	—
Product Recovery:	—	—	—	—	—

PURGING

CASING VOLUME CALCULATION: 8.55 ft of water in casing X .67 gallons/foot = 5.7 total gallons / casing volume

Equipment Used:	☐ Grab ☐ Bailer ☒ Pump Description: Grundfos 2"	Purge Depth:	44'
Well Goes Dry While Purging:	☐ Yes ☒ No	Total Volume Purged:	17 ☒ gallons ☐ liters

FIELD WATER QUALITY DATA

Time (24-hr)	Amount Purged	Pumping Rate	pH	Temp.	Dissolved Oxygen	Cond.	Turbidity	ORP	Color / Tint	Odor	
hh:mm	☒ gallons ☐ liters	☒ gpm ☐ L/min	☐ Temp. corrected?	☒ °C ☐ °F	mg/L	☐ SC ☐ EC ☒ µS/cm	NTUs	mV			
1159	0	—	7.37	22.9	1.61	1720	747	205	Cloudy	NO	
1203	6	1.5	7.33	22.8	1.64	1672	90.3	211	Clear	NO	
1208	12	1.2	7.26	22.7	1.67	1527	46.2	219	Clear	NO	
1214	17	1	7.24	22.9	1.66	1518	49.5	218	Clear	No	

Flow Cell Type:	N/A	DO Meter Model No.:	YSI 55	ORP Meter Model No.:	Oakton 10

nductivity: SC = Specific Conductance corrected for temperature (µS/cm at 25°C); EC = Electroconductivity not corrected for temperature (µS/cm).

SAMPLE DATA

Equipment Used:	☐ Grab ☒ Bailer ☐ Pump Description:						Sample Depth:	37.53	
Field Sample ID	Result Code	Date (m/d/yy)	Time (hh:mm)	Bottles	Filtered (0.45 µm)	Lab ID	Case ID	SDG ID	Remarks
MW-16A	PO	3/16/16	1232	5-40mL	N/A	—	—	—	

ult Codes: PO, Primary Sample; D#, Duplicate Sample; S#, Split Sample; BF#, Field Blank; BR#, Equipment Rinsate; BT#, Trip Blank; SF#, Field Spike; (# = 1 to 9).
= Sample Delivery Group.

mpler's Name int)	Brian Johnson	Signature		Date	3/16/16

APPENDIX C

NON-HAZARDOUS WATER TRANSPORT FORM

NON-HAZARDOUS WATER TRANSPORT FORM

GENERATOR

Name: Ameripride
Address: 3505 Pasadena Ave
Los Angeles, CA
Phone:

CUSTOMER

Name: Doulos Environmental, Inc.
Address: P. O. Box 2559
Orangevale, CA 95662
Phone: 916-990-0333

DESCRIPTION

Description of Water : Purge water from Monitoring Wells

Volume/Weight: 500 Units: gallons Container(s): Poly tank

This non-hazardous waste water is monitoring well purge water, auger rinsate, sampling equipment rinsate, tank rinsate, combination thereof, or as described above. Described water may contain dissolved hydrocarbons. I certify that the above named material has been properly described and classified according to applicable regulations, and possesses no characteristics hat would require its handling as hazardous waste.

Generator/Authorized Agent: Hal Hansen (Print) Hal Hansen (Sign) 6/29/16 (Date)

TRANSPORTER

Name: Doulos Environmental
Address: P. O. Box 2559
Orangevale, CA 95662
Phone: 916-990-0333

Job No:
Pick-up Date:
Truck ID:
Driver: (Sign) Date 7-5-16

DISPOSAL FACILITY

Name: Inviro-tec Disposal
Address: 2480 Athens Ave
Lincoln, CA

Quantity: 500
Units: gallons
Disposal Method:

Received by: Trevor Burnett (Print) (Sign) 7/5/16 (Date)

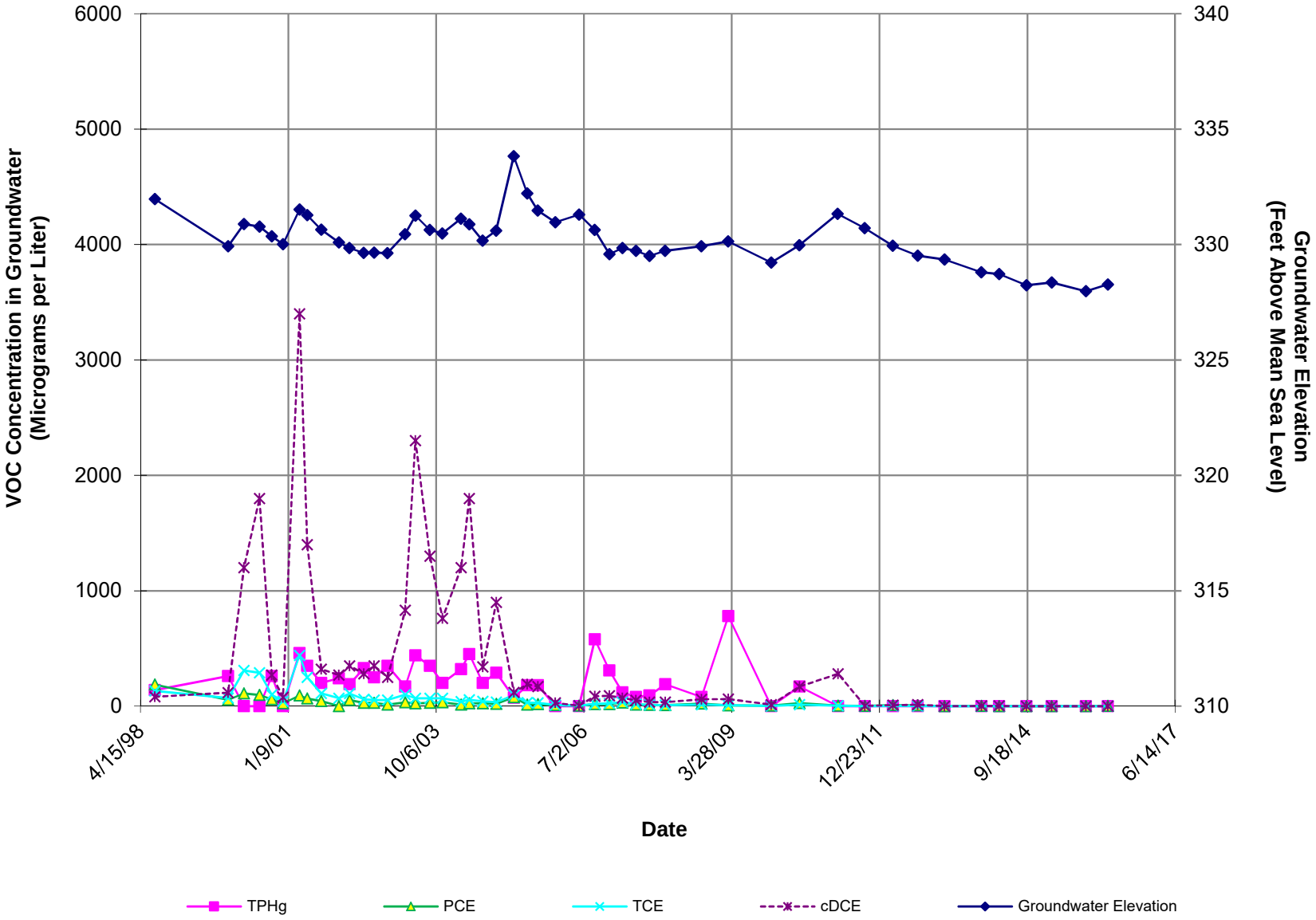
APPENDIX D

GROUNDWATER CONCENTRATION TREND GRAPHS/HYDROGRAPHS

K-1

VOC Concentration and Hydrograph vs. Time

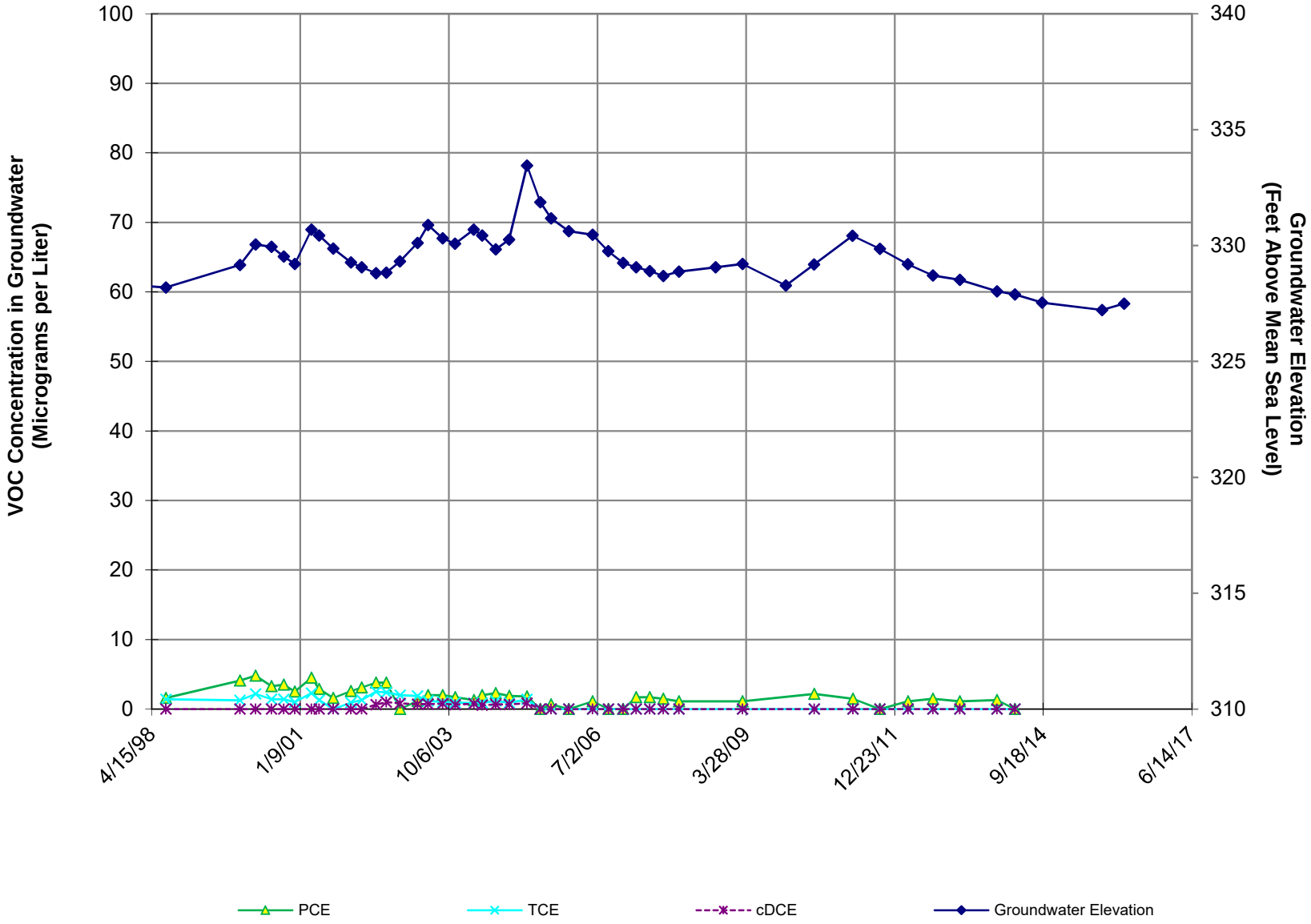
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California



MW-2

VOC Concentration and Hydrograph vs. Time

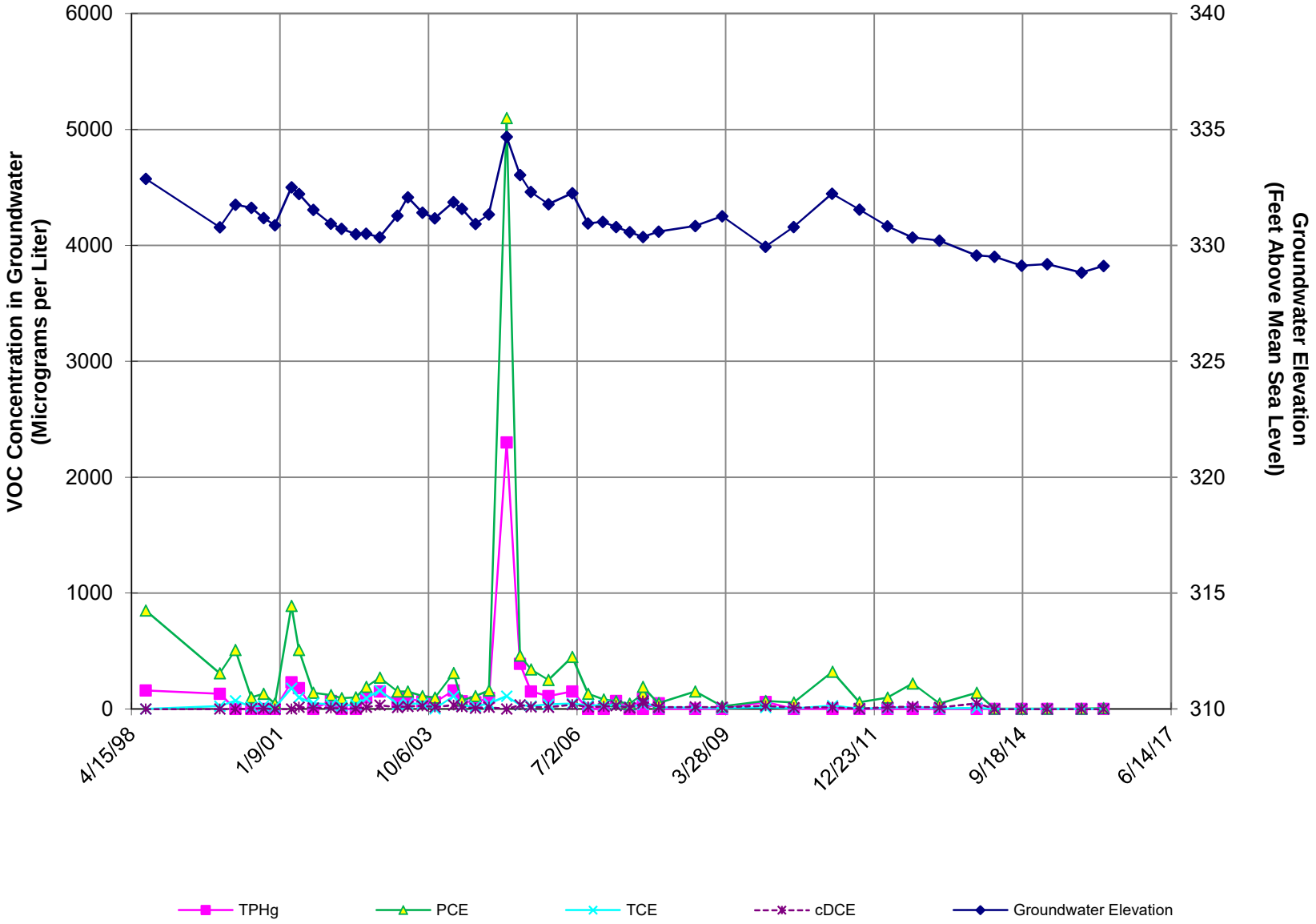
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California



MW-3

VOC Concentration and Hydrograph vs. Time

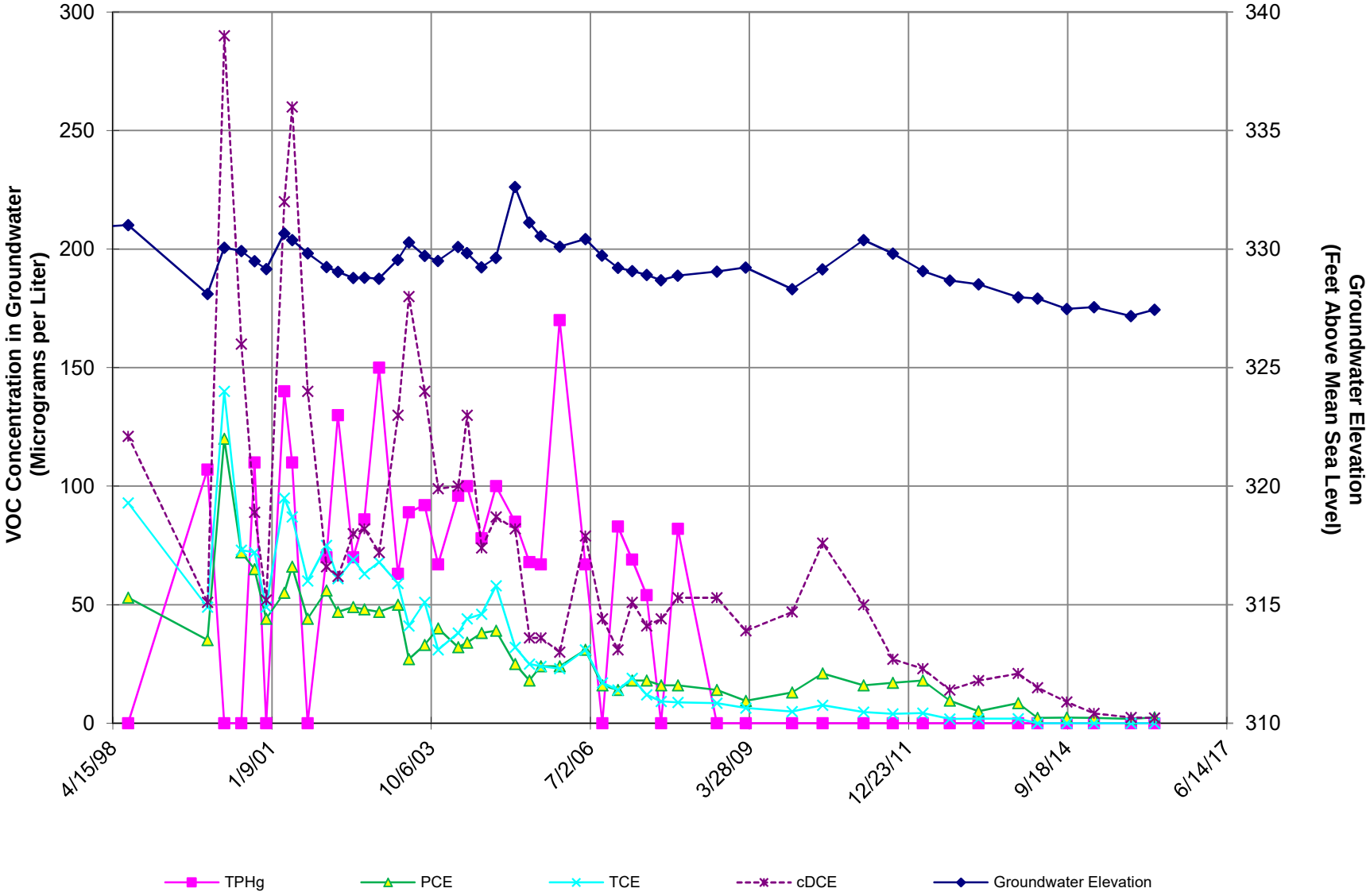
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California



MW-7

VOC Concentration and Hydrograph vs. Time

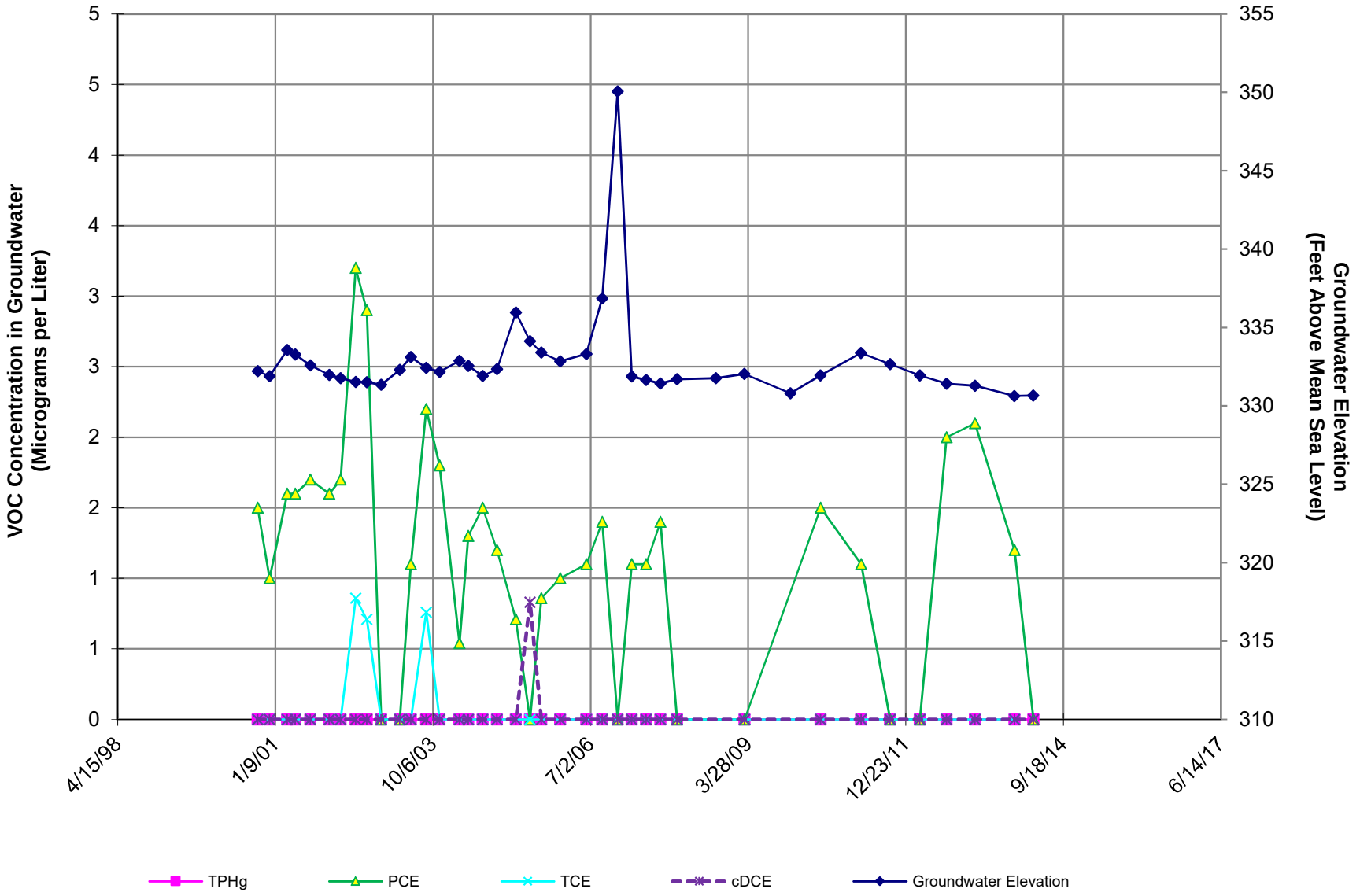
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California



MW-8A

VOC Concentration and Hydrograph vs. Time

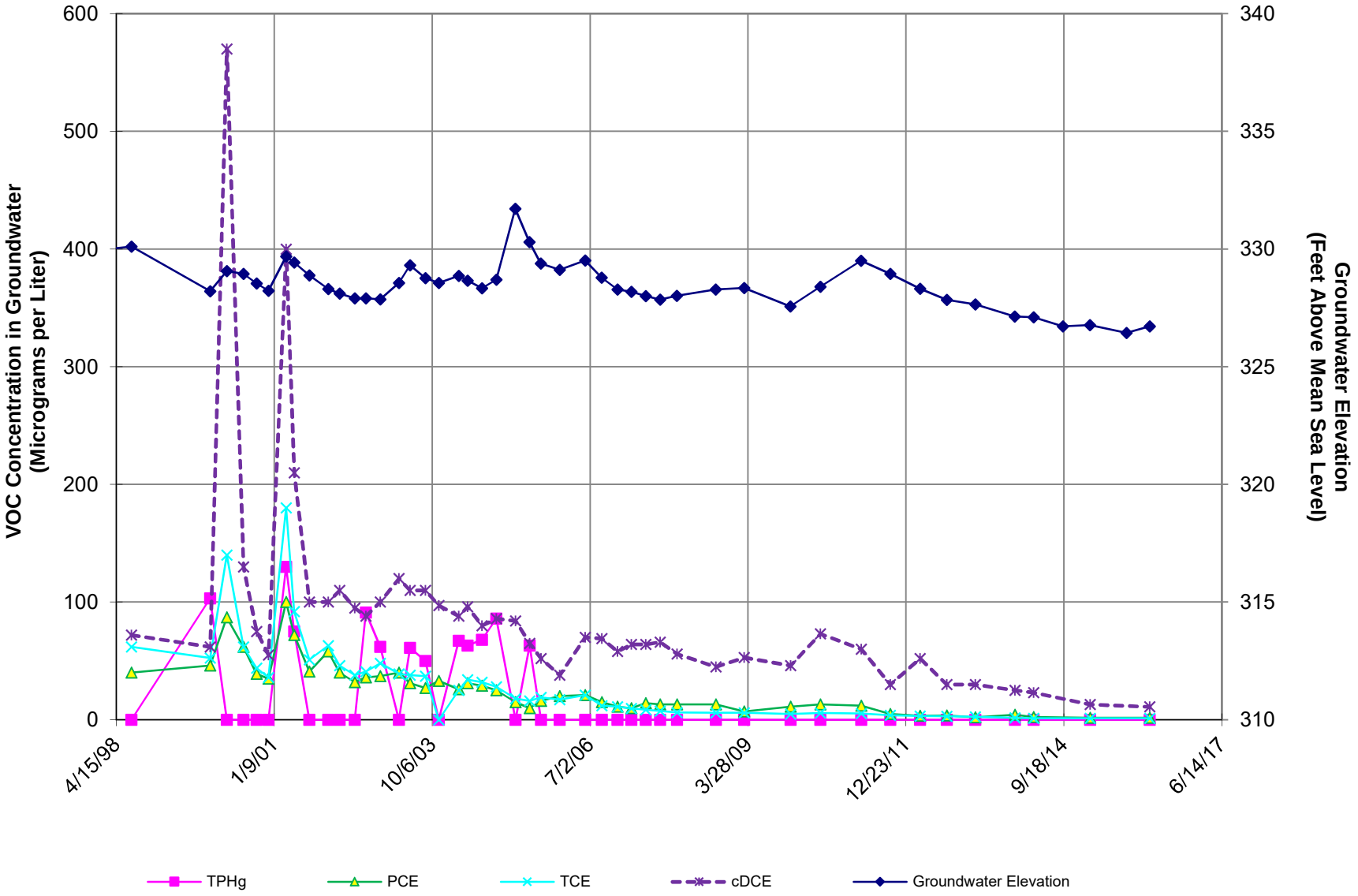
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California



MW-9A

VOC Concentration and Hydrograph vs. Time

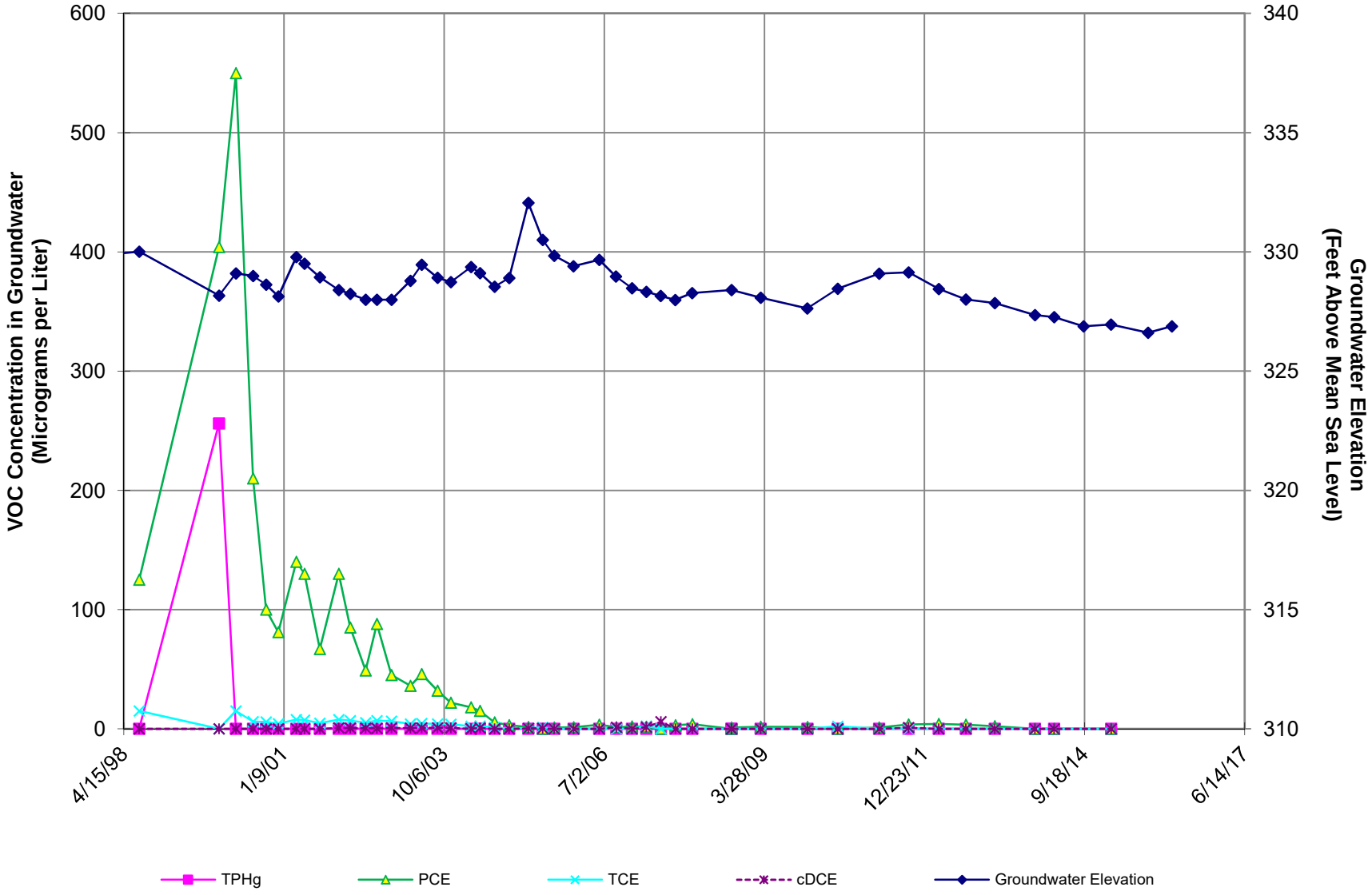
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California



MW-9B

VOC Concentration and Hydrograph vs. Time

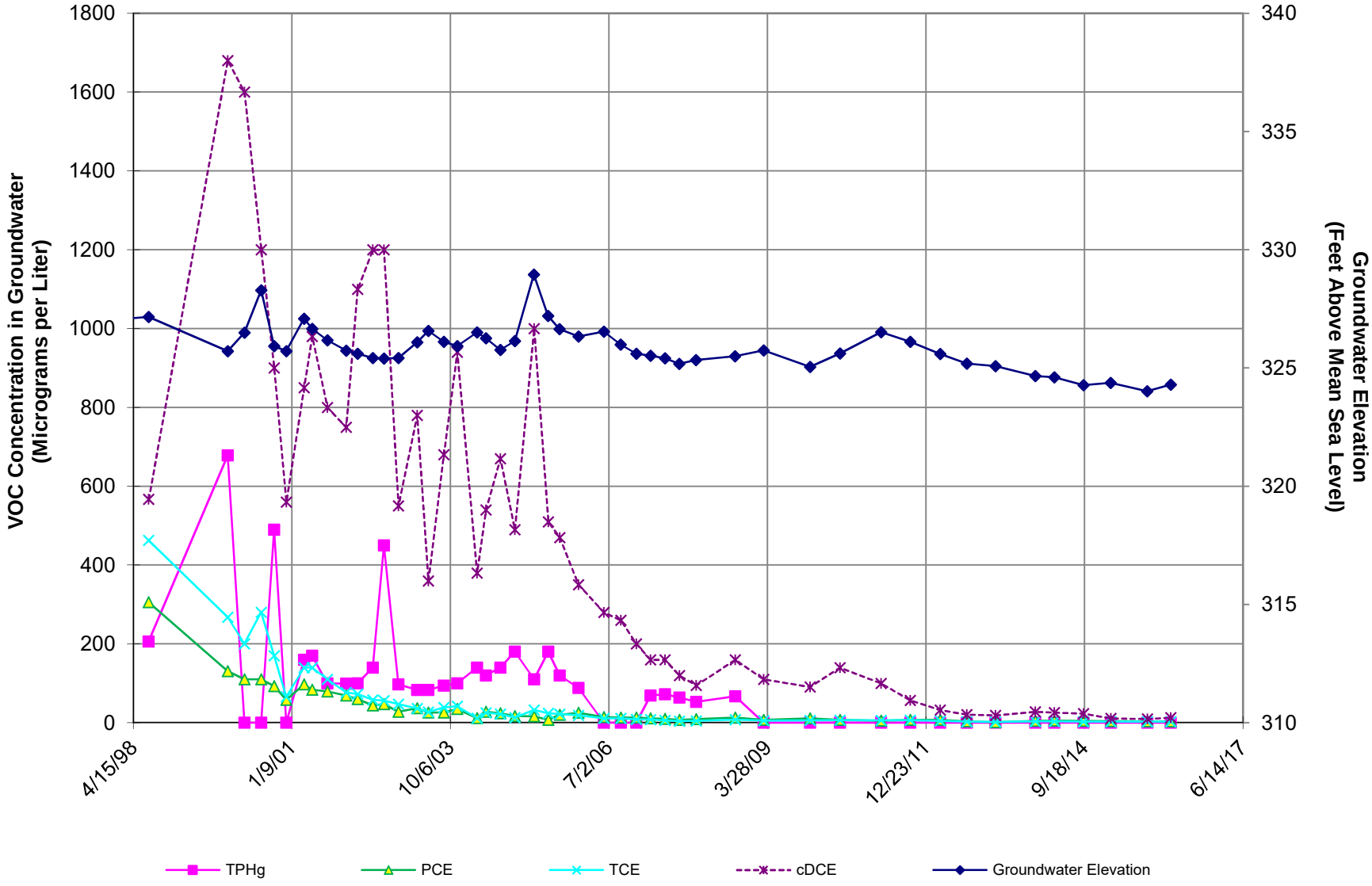
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California



MW-10A

VOC Concentration and Hydrograph vs. Time

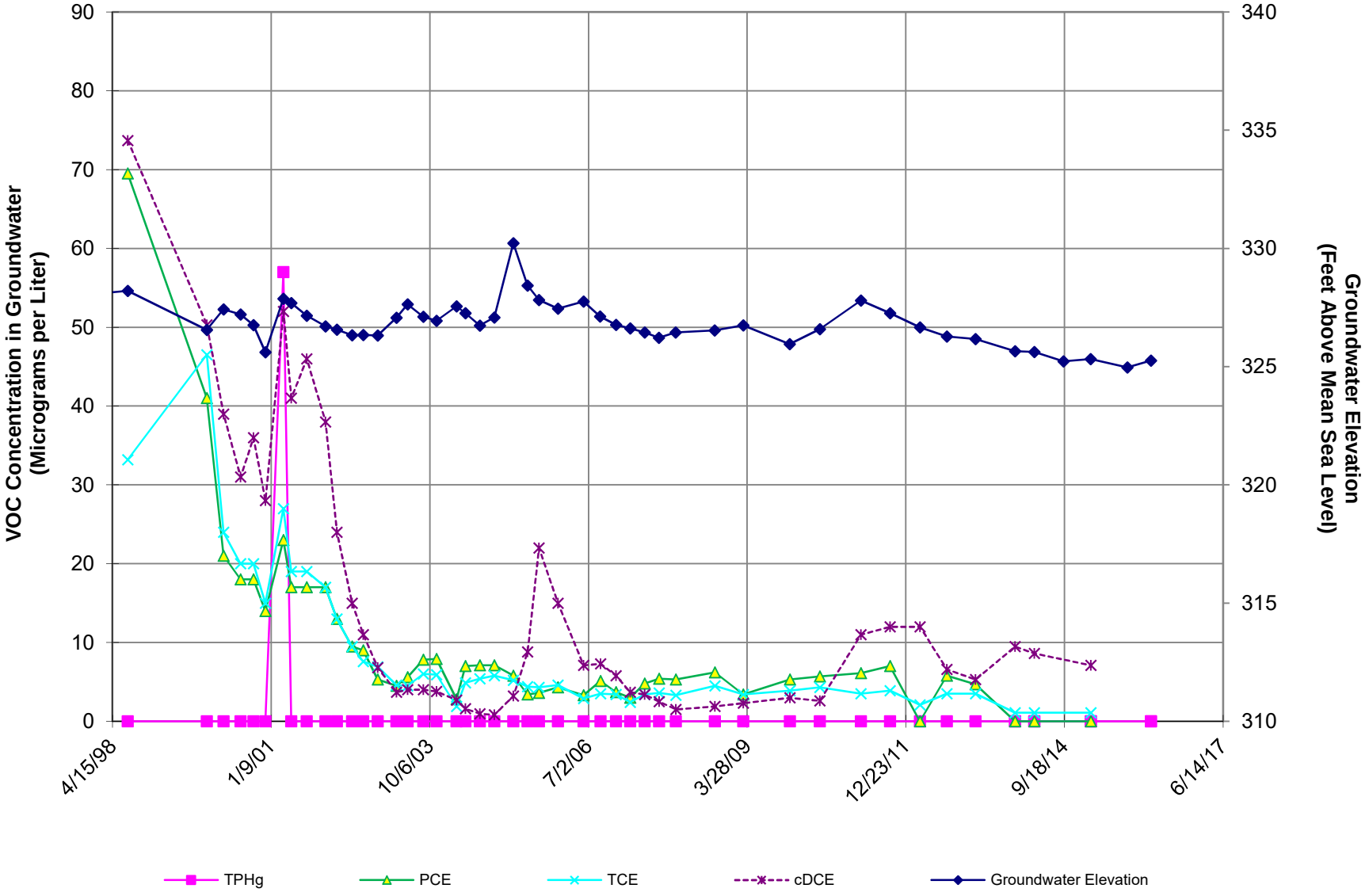
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California



MW-10B

VOC Concentration and Hydrograph vs. Time

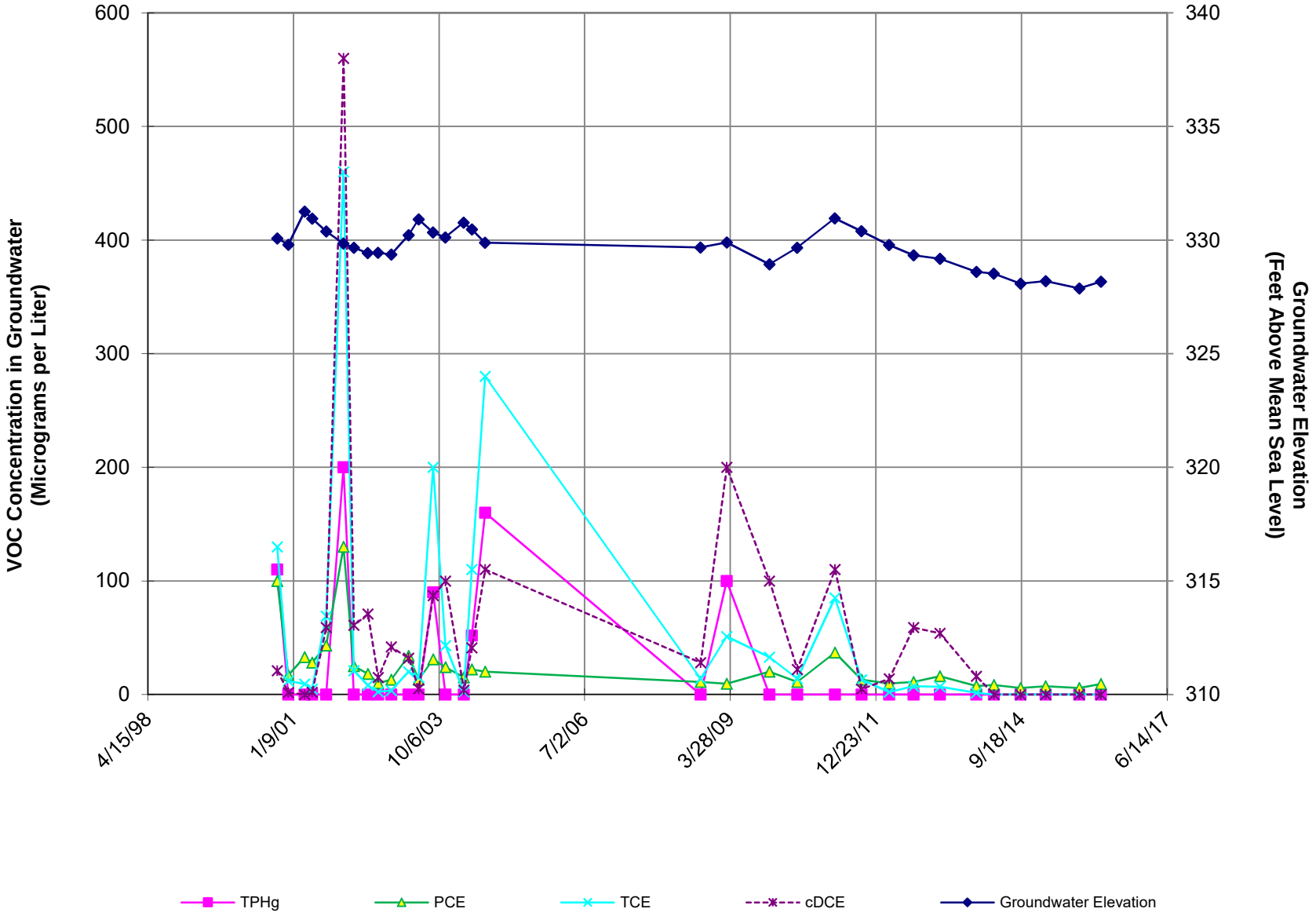
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California



MW-11

VOC Concentration and Hydrograph vs. Time

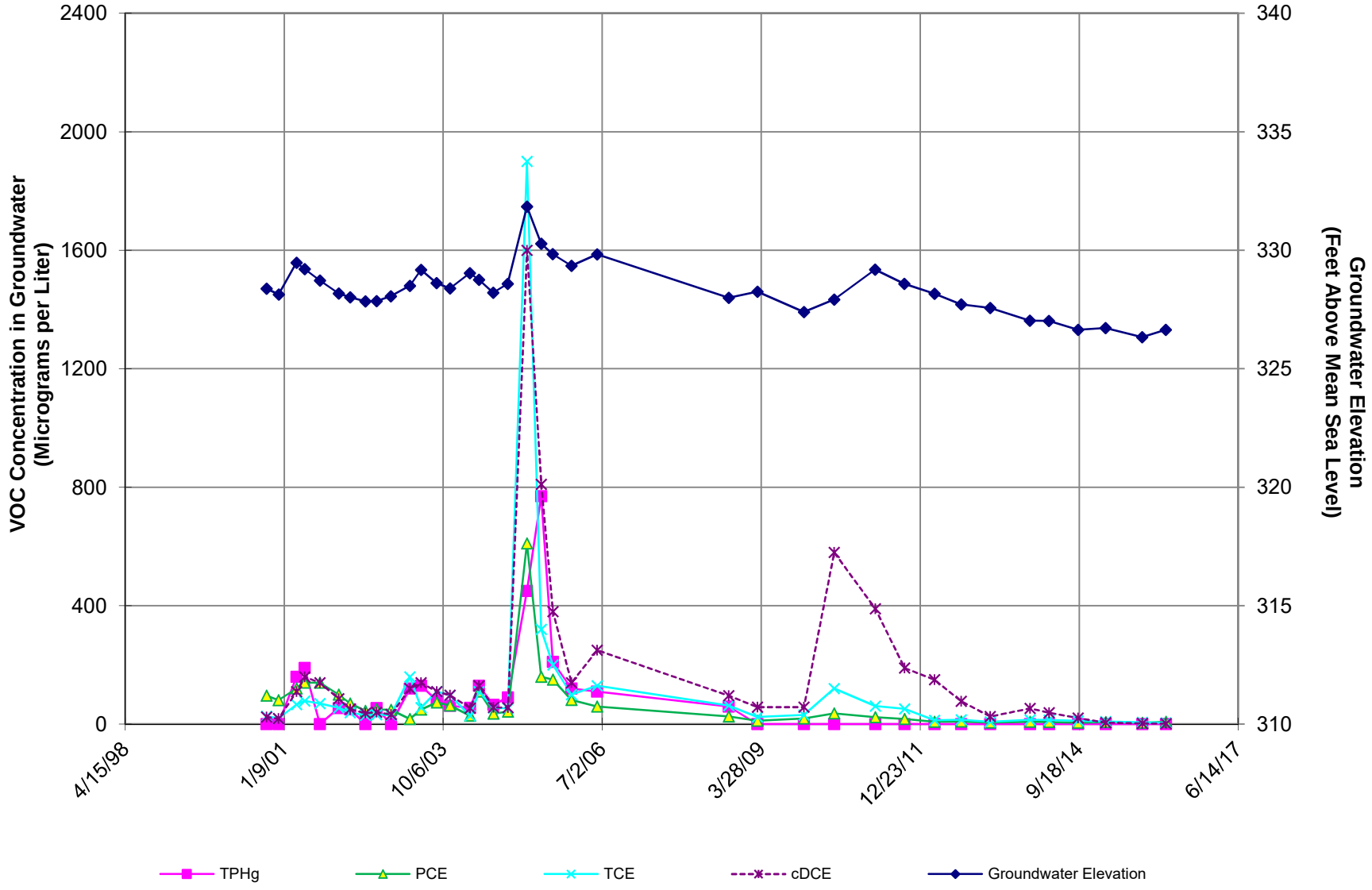
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California



MW-12

VOC Concentration and Hydrograph vs. Time

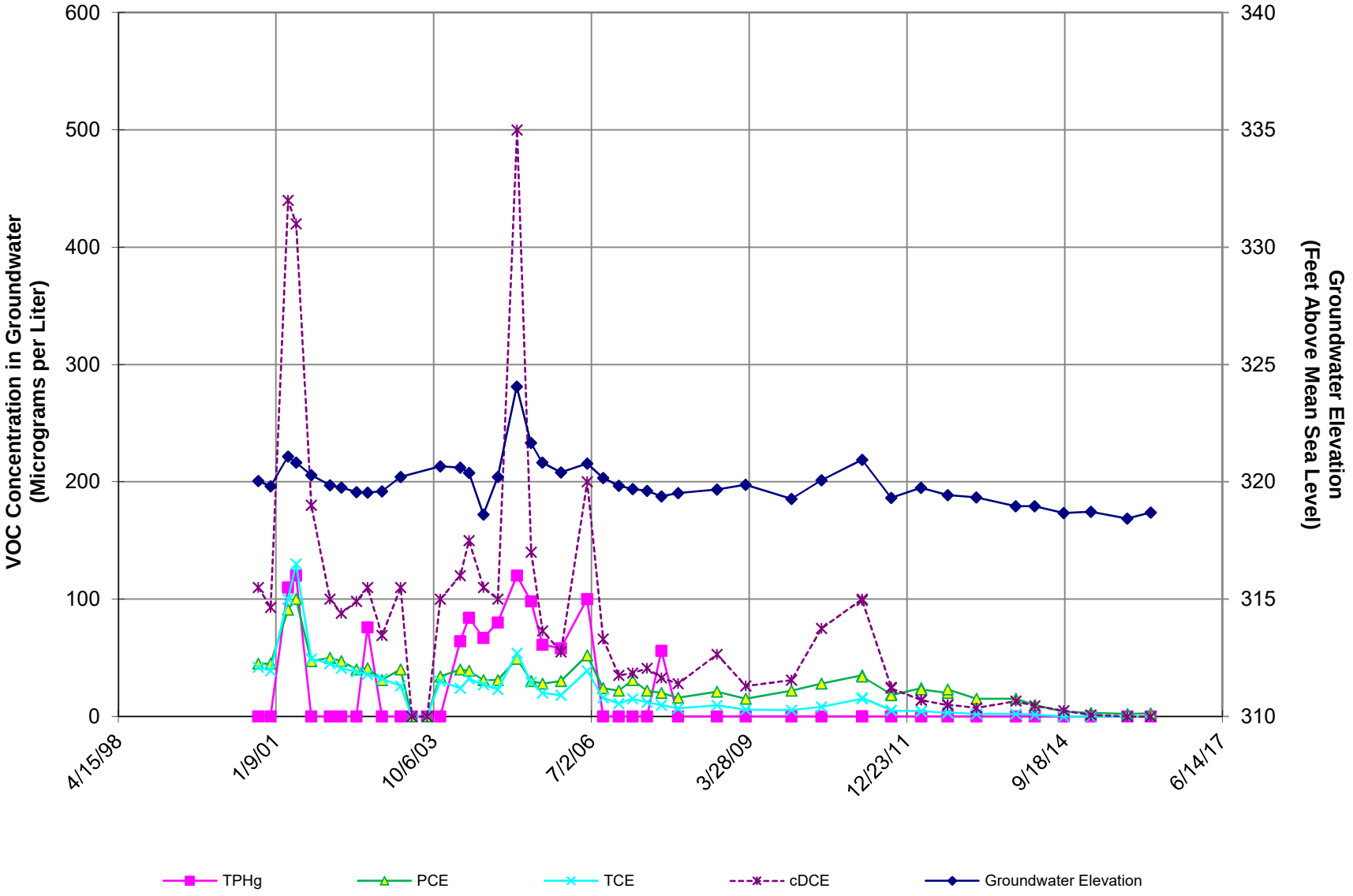
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California



MW-13A

VOC Concentration and Hydrograph vs. Time

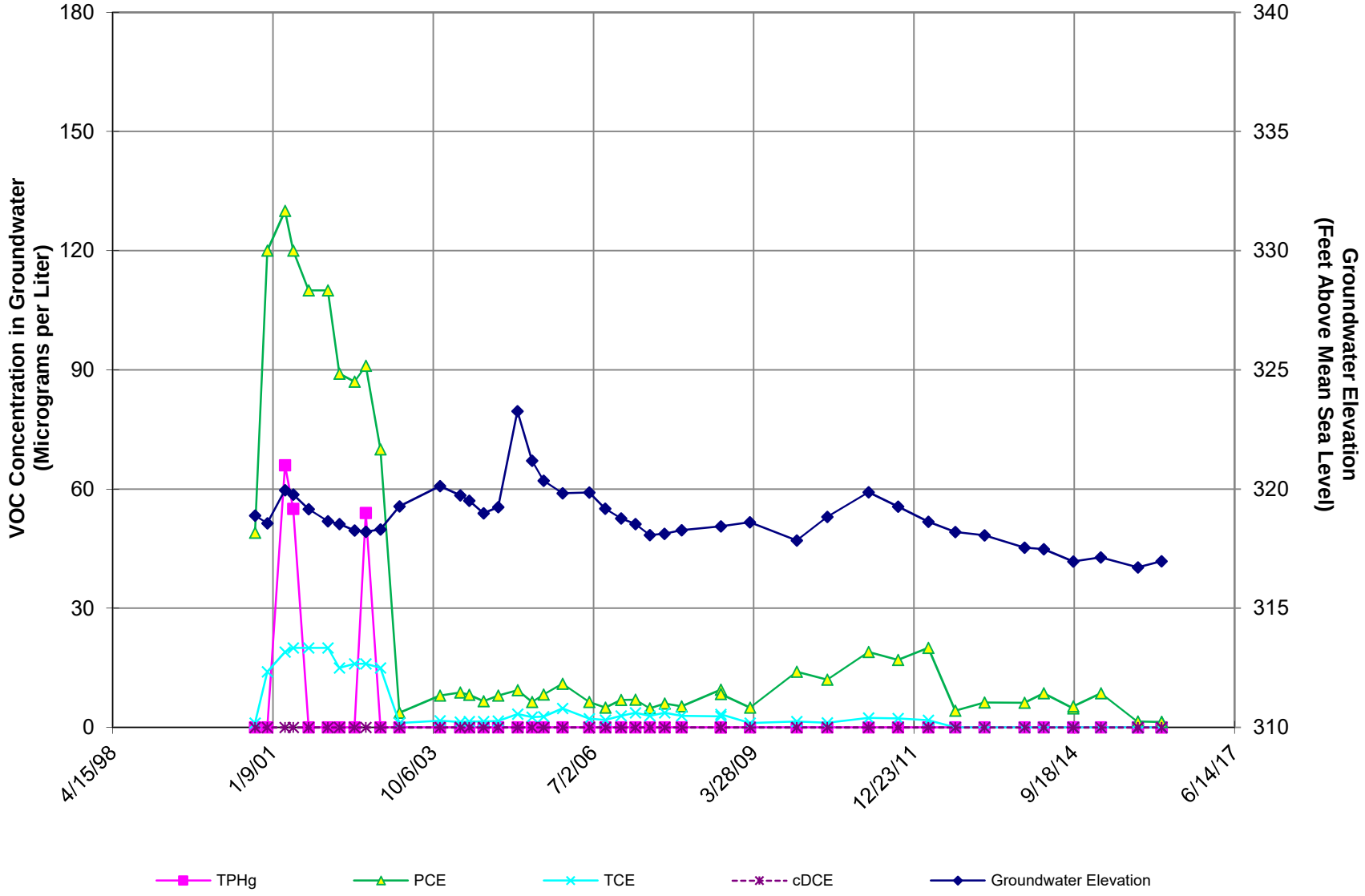
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California



MW-13B

VOC Concentration and Hydrograph vs. Time

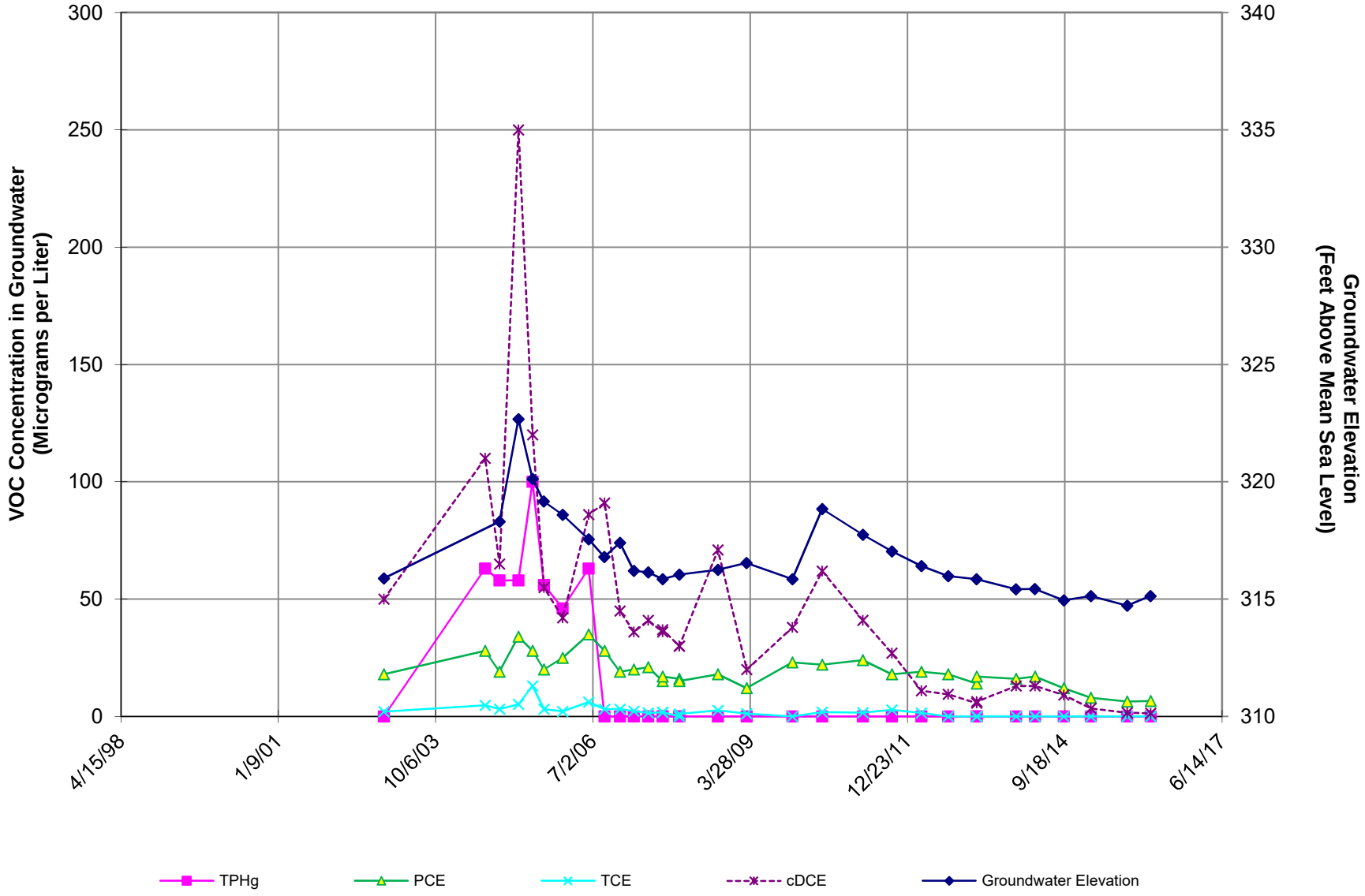
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California



MW-14

VOC Concentration and Hydrograph vs. Time

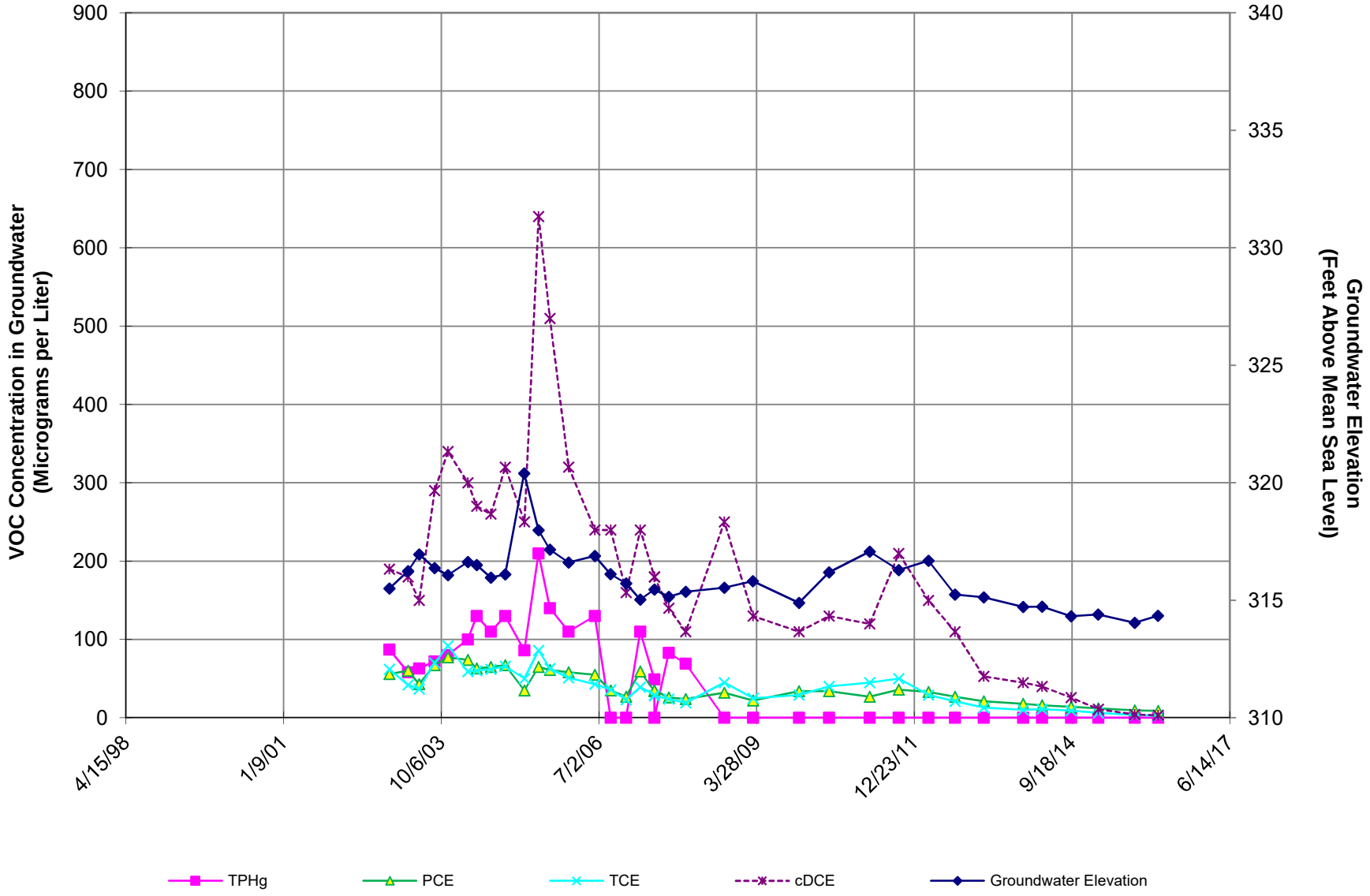
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California



MW-15

VOC Concentration and Hydrograph vs. Time

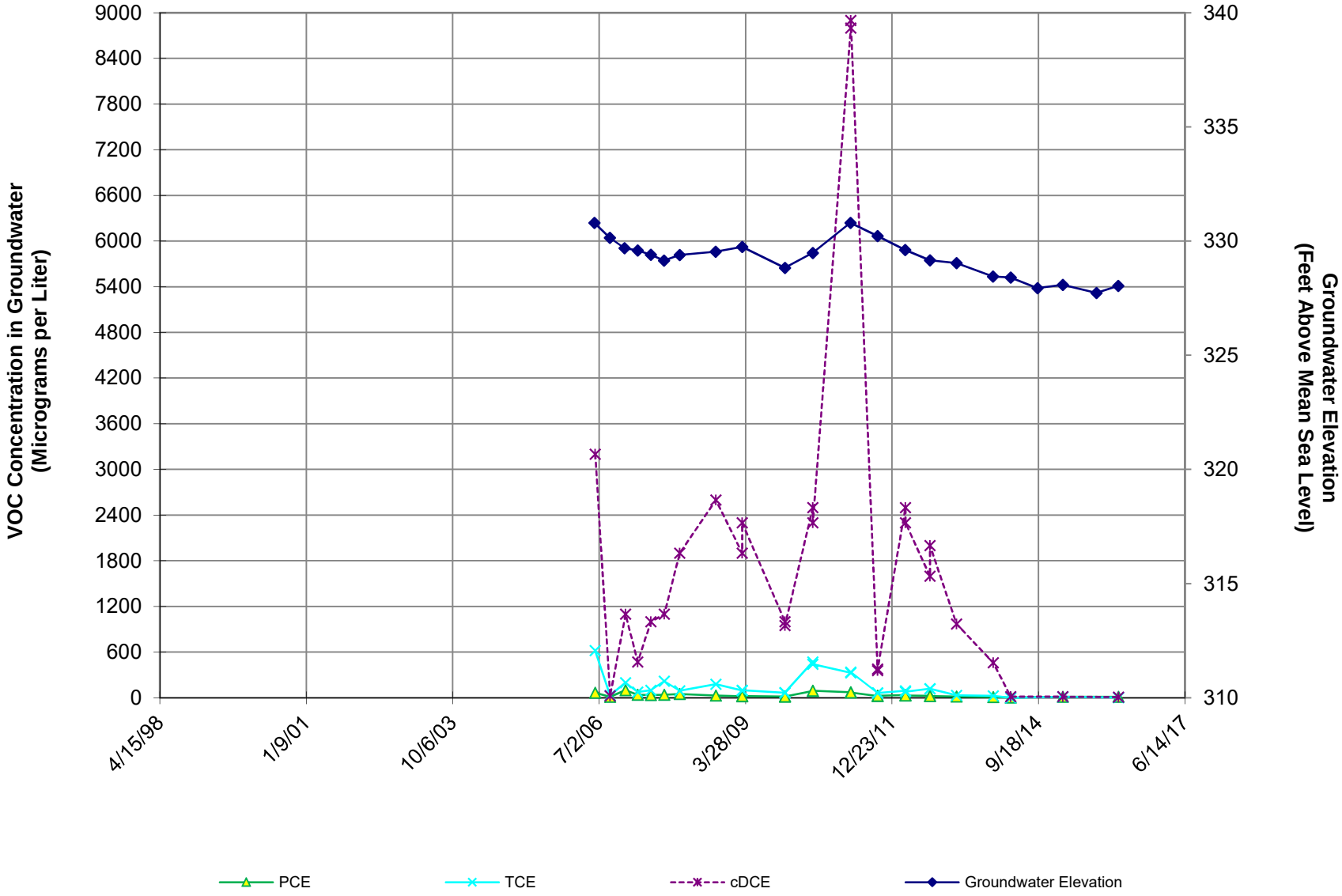
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California



MW-16A

VOC Concentration and Hydrograph vs. Time

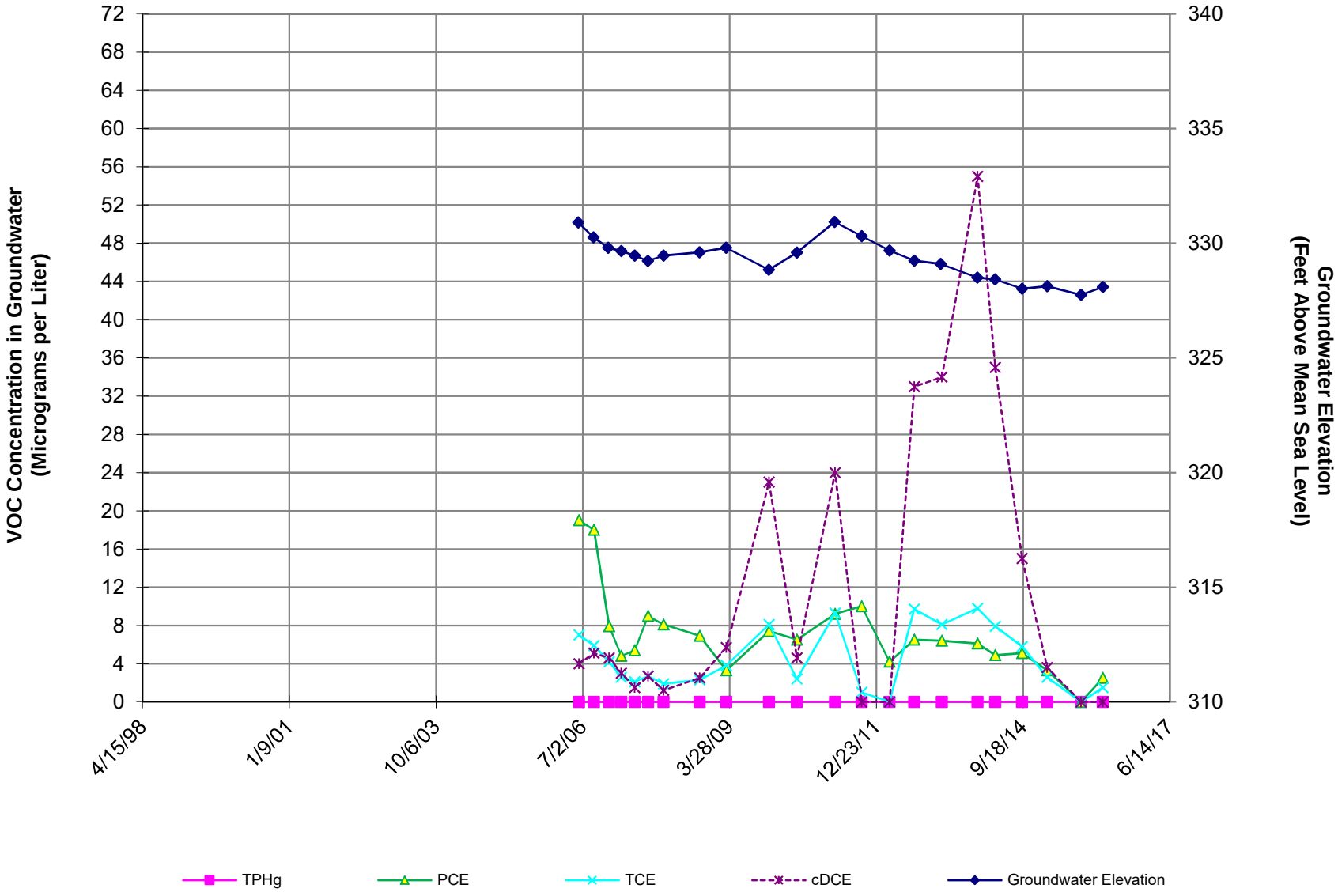
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California



MW-16B

VOC Concentration and Hydrograph vs. Time

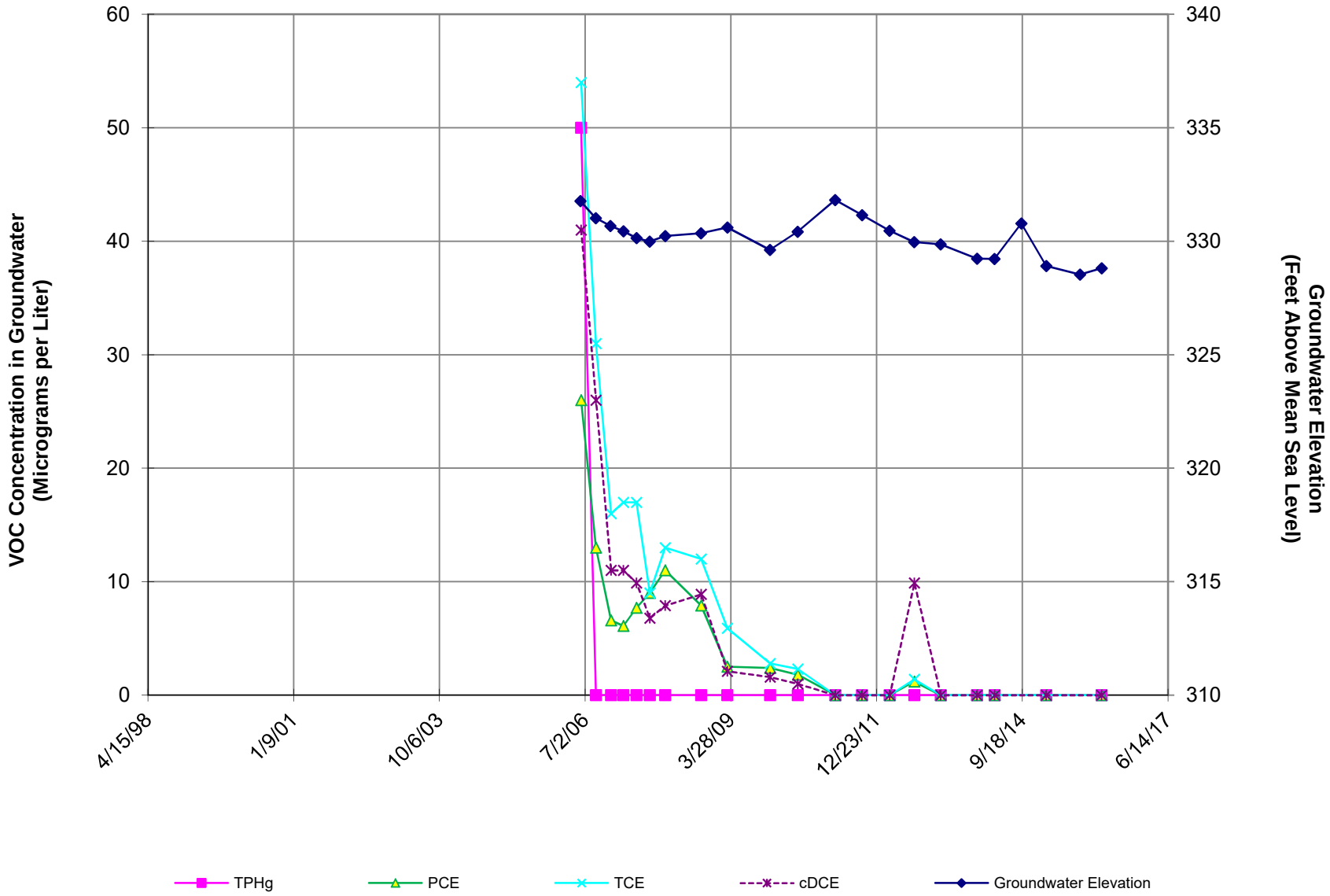
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California



MW-16C

VOC Concentration and Hydrograph vs. Time

Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California



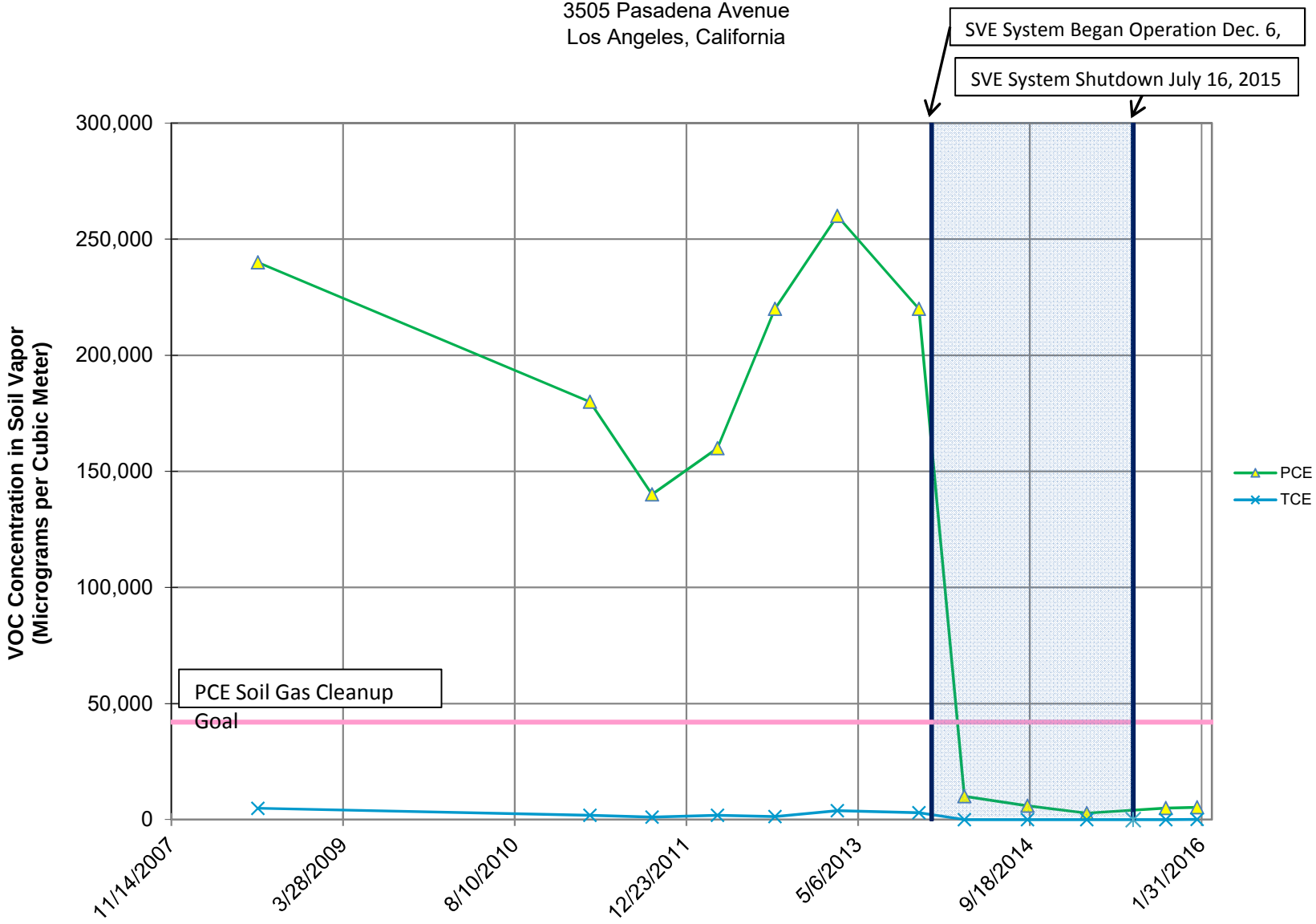
APPENDIX E

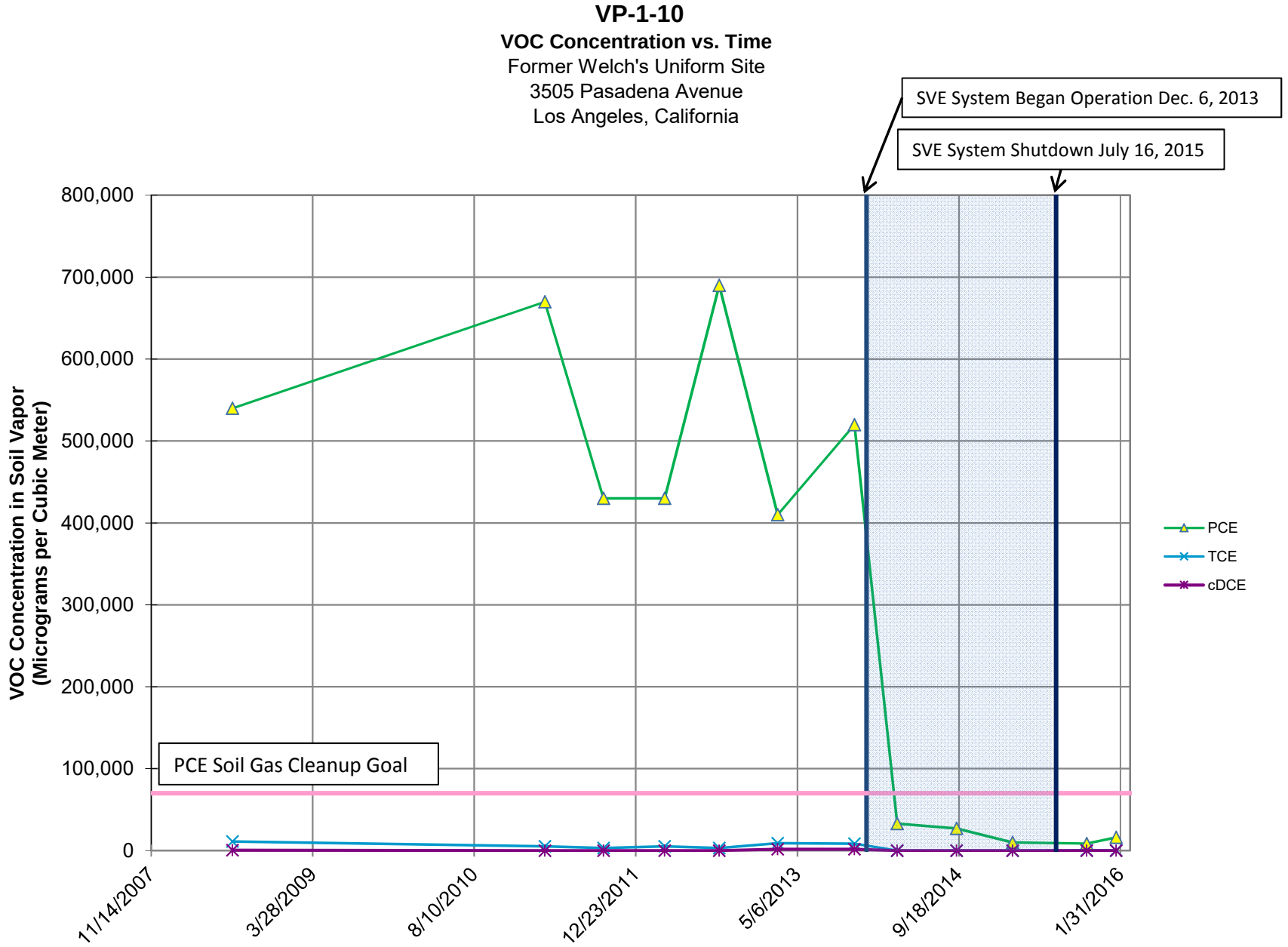
SOIL VAPOR TREND GRAPHS

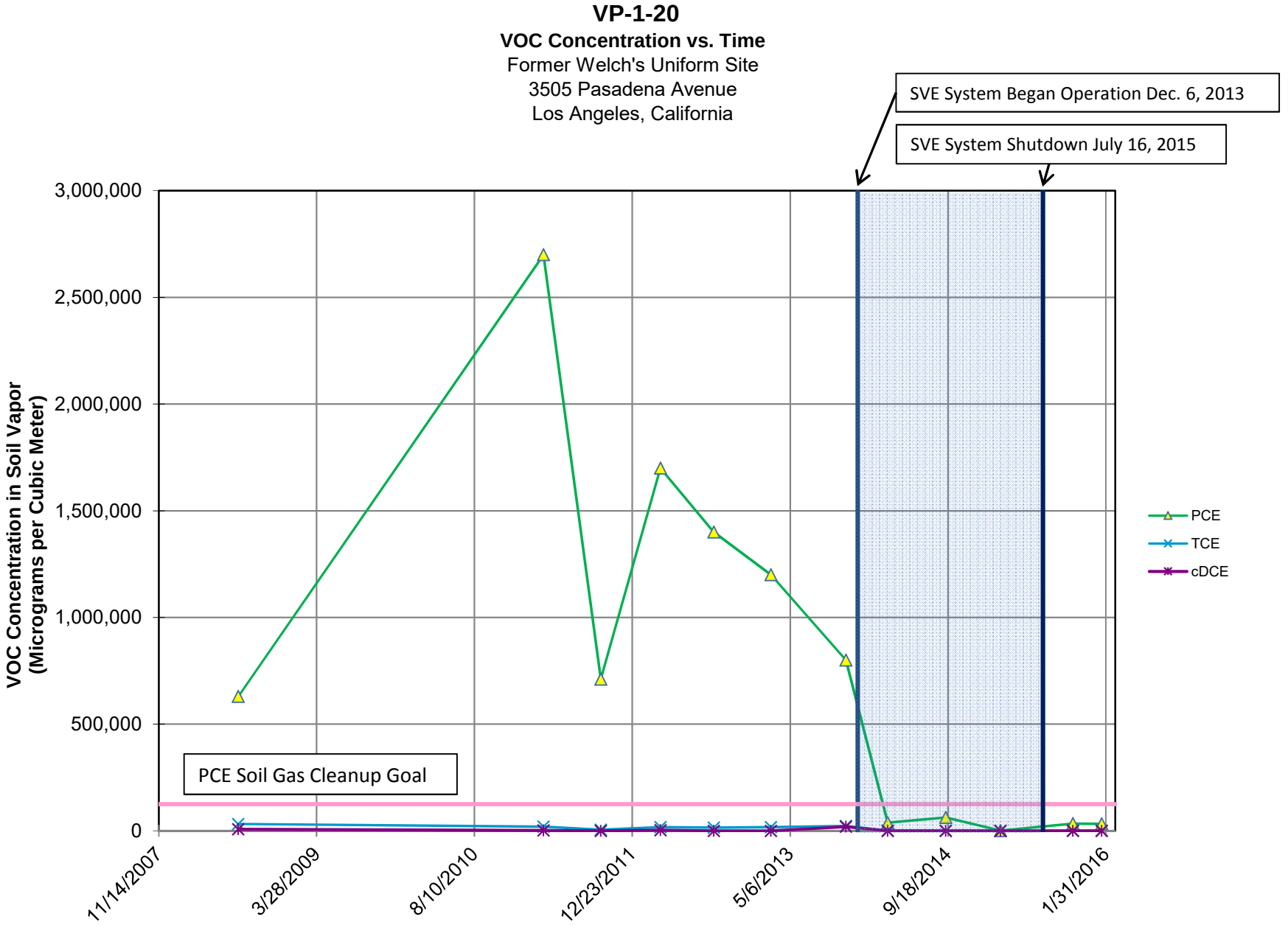
VP-1-5

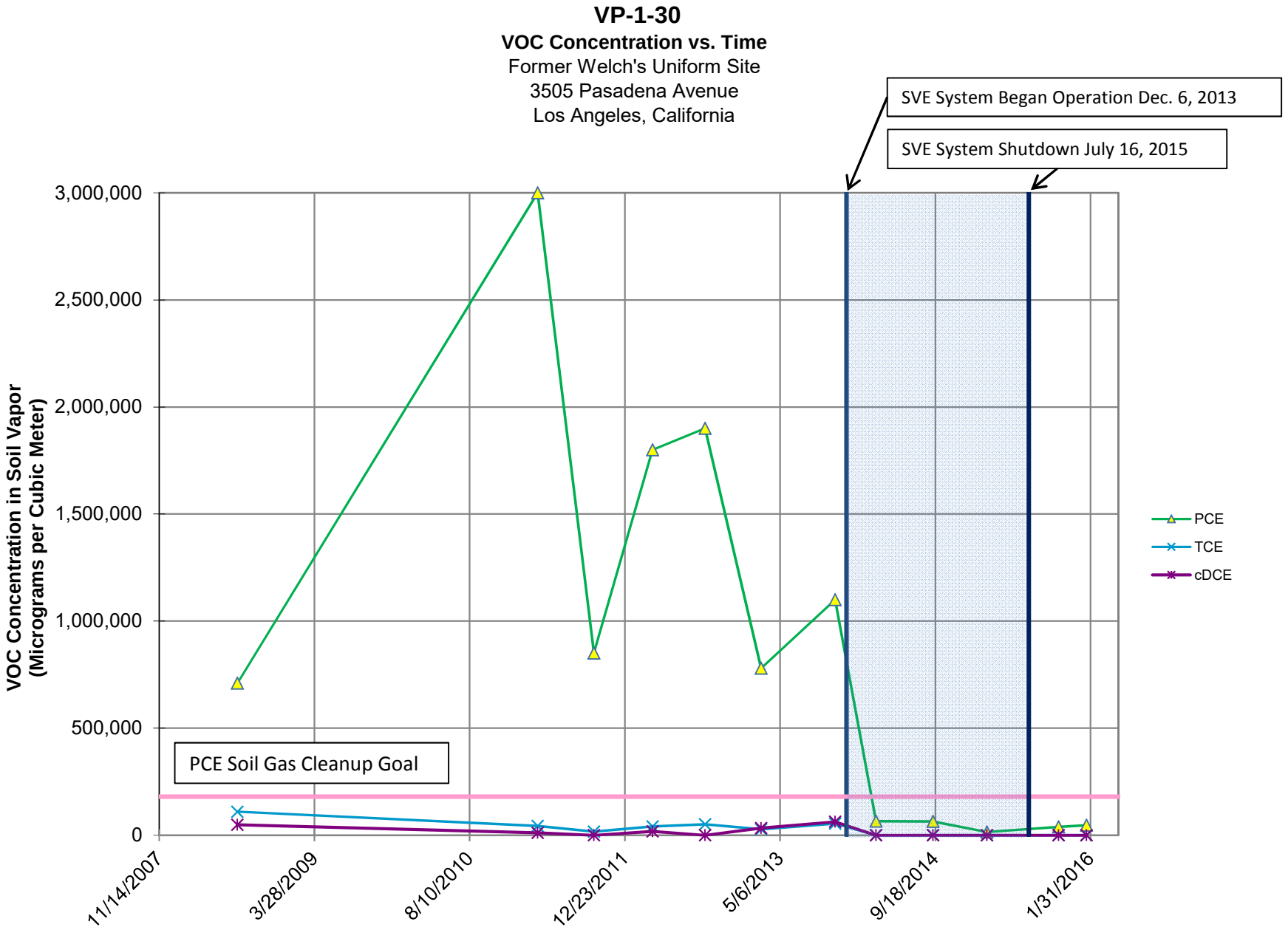
VOC Concentration vs. Time

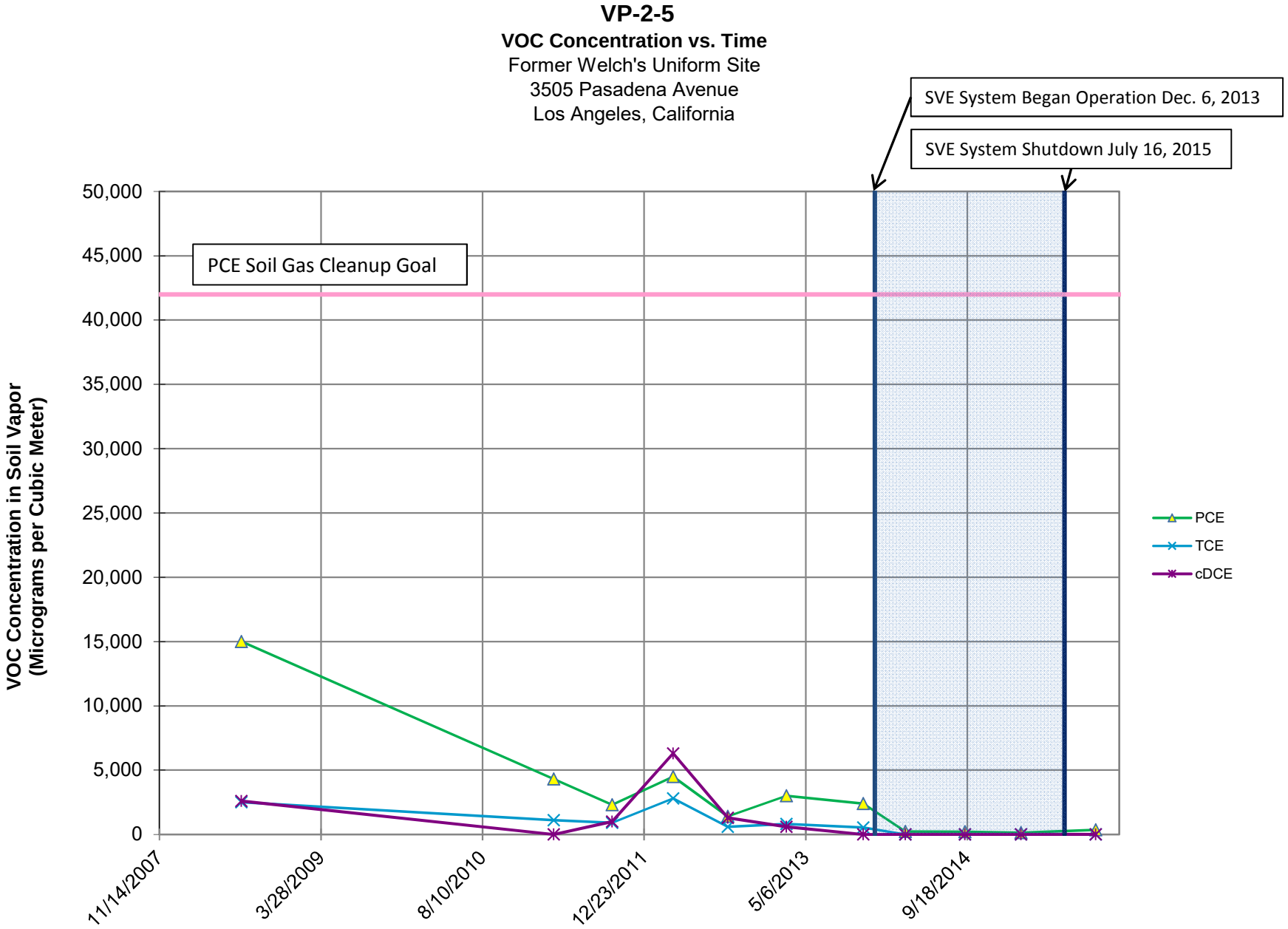
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California

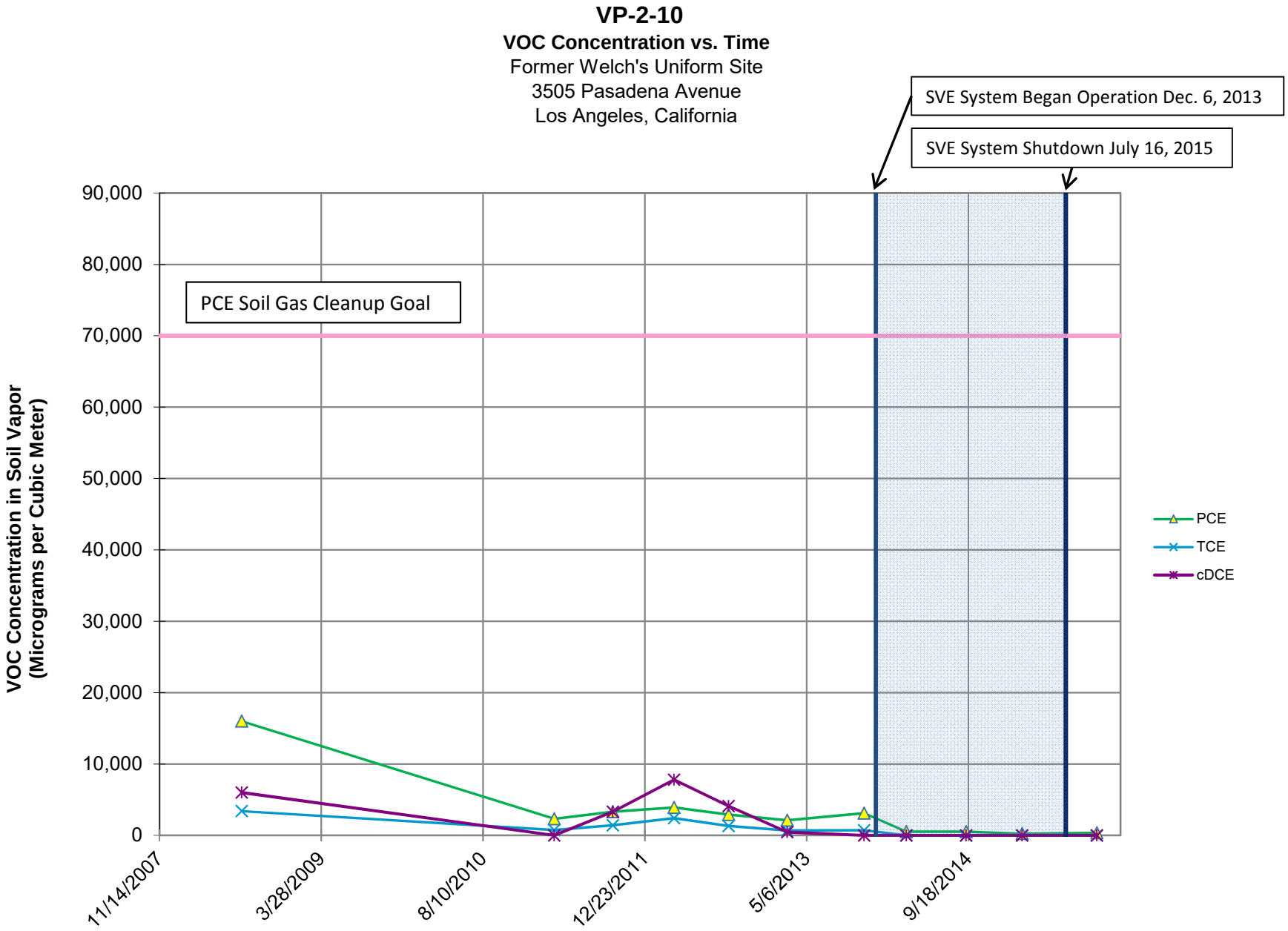


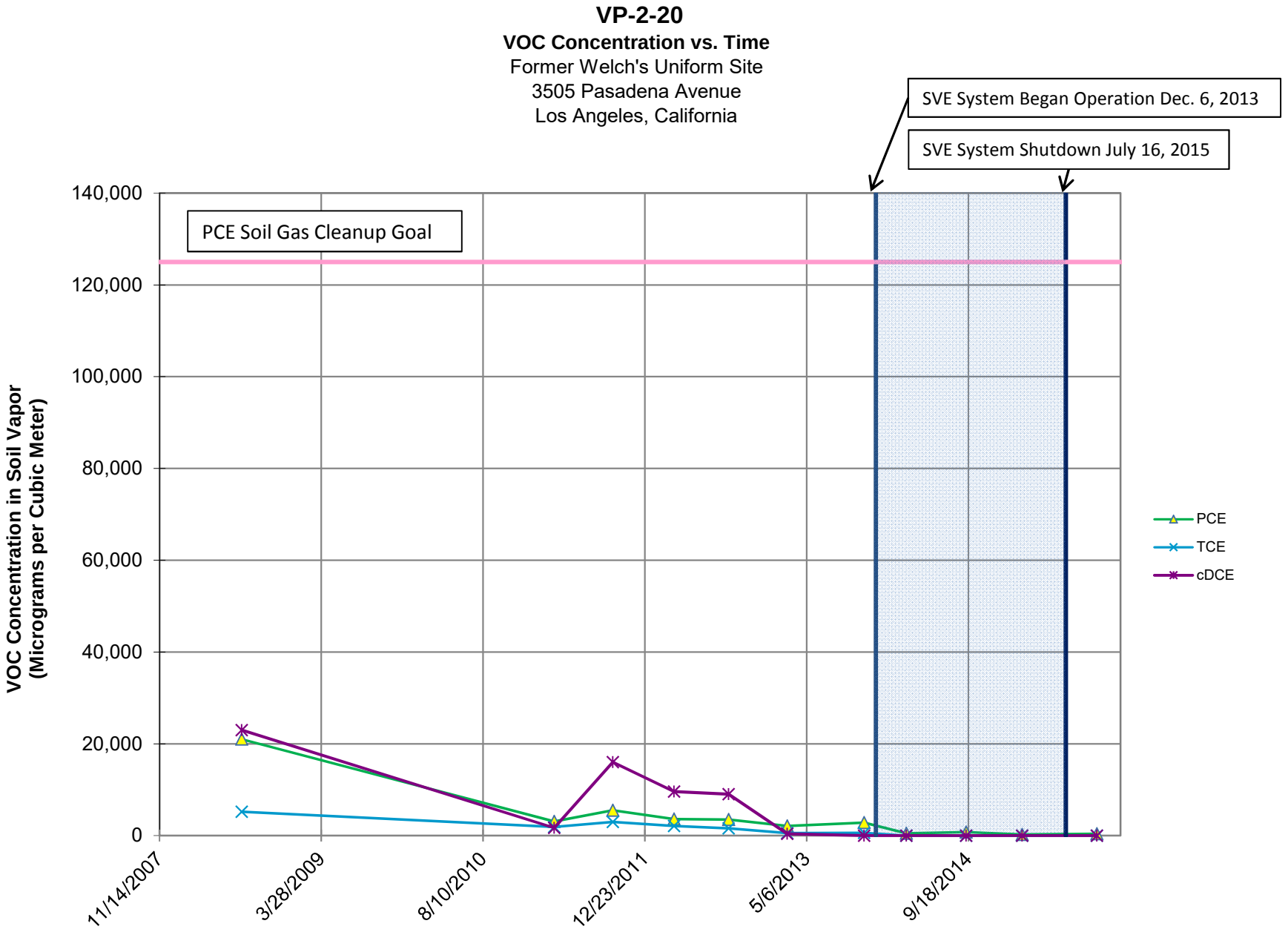

VP-1-10
VOC Concentration vs. Time
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California
SVE System Began Operation Dec. 6, 2013
SVE System Shutdown July 16, 2015
VOC Concentration in Soil Vapor
(Micrograms per Cubic Meter)
800,000
700,000
600,000
500,000
400,000
300,000
200,000
100,000
0
PCE Soil Gas Cleanup Goal
11/14/2007
3/28/2009
8/10/2010
12/23/2011
5/6/2013
9/18/2014
1/31/2016
PCE
TCE
cDCE

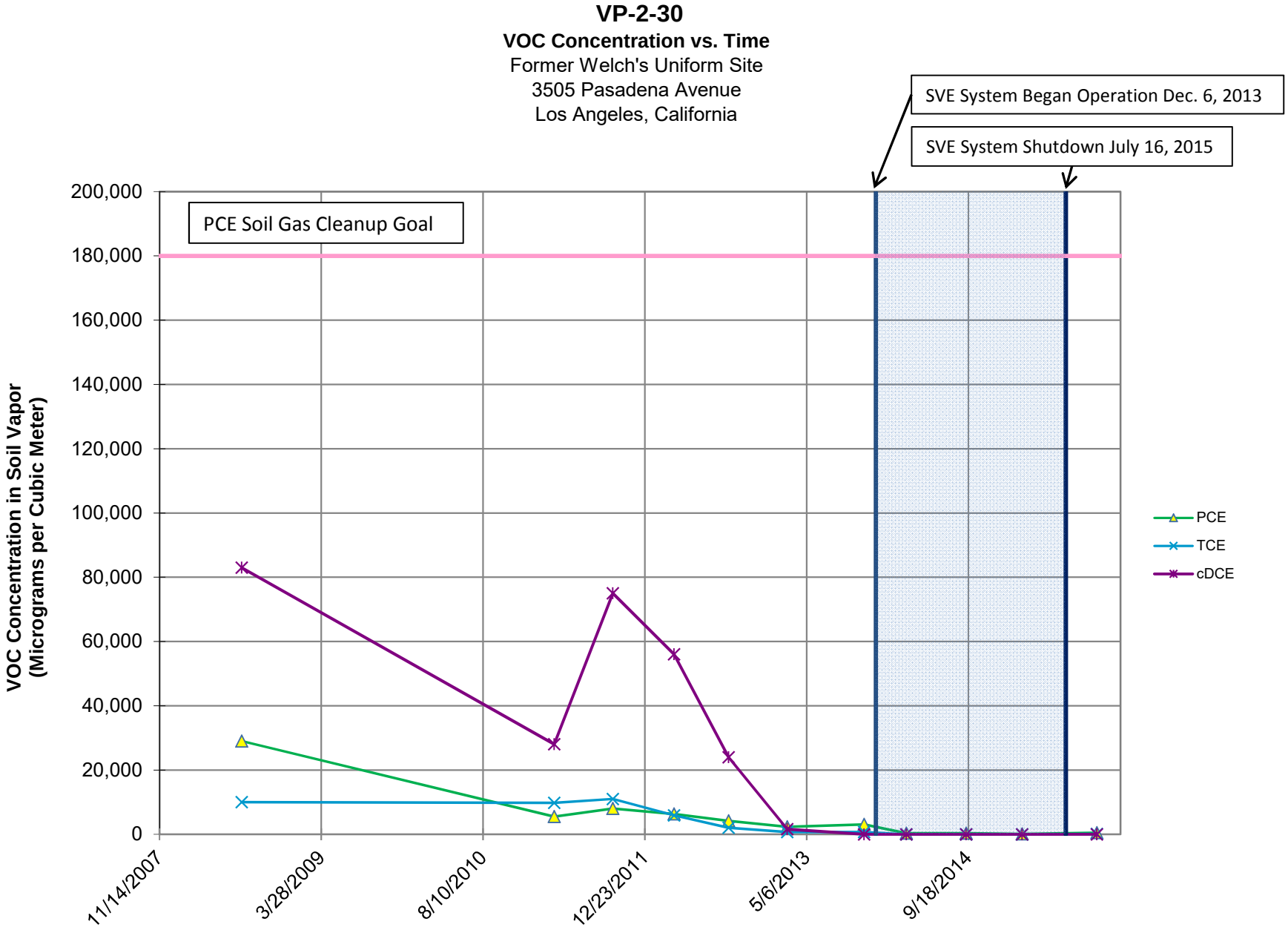

VP-1-20
VOC Concentration vs. Time
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California
SVE System Began Operation Dec. 6, 2013
SVE System Shutdown July 16, 2015
VOC Concentration in Soil Vapor
(Micrograms per Cubic Meter)
3,000,000
2,500,000
2,000,000
1,500,000
1,000,000
500,000
0
PCE Soil Gas Cleanup Goal
11/14/2007
3/28/2009
8/10/2010
12/23/2011
5/6/2013
9/18/2014
1/31/2016
PCE
TCE
cDCE

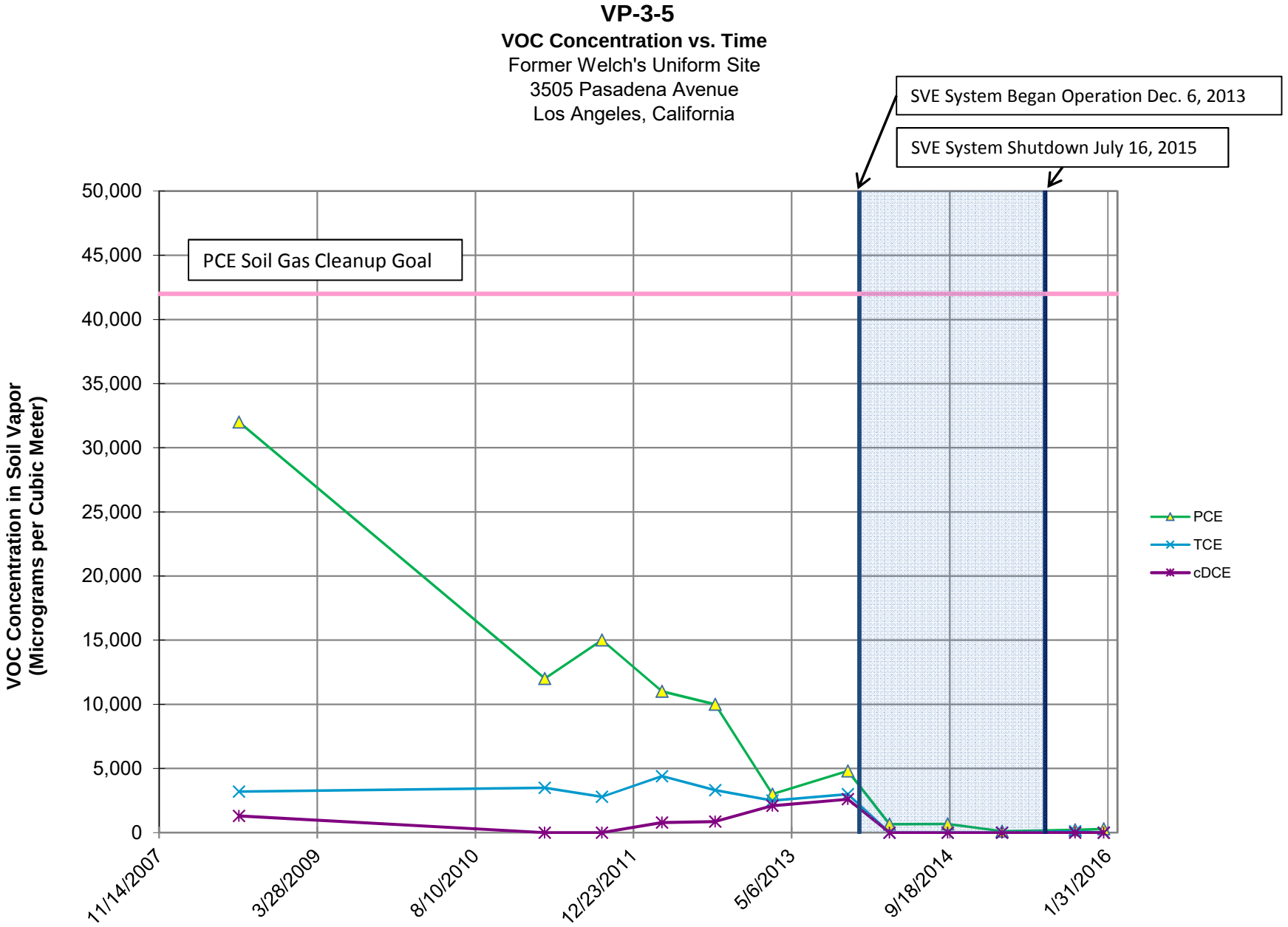

VP-1-30
VOC Concentration vs. Time
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California
SVE System Began Operation Dec. 6, 2013
SVE System Shutdown July 16, 2015
VOC Concentration in Soil Vapor
(Micrograms per Cubic Meter)
3,000,000
2,500,000
2,000,000
1,500,000
1,000,000
500,000
0
PCE Soil Gas Cleanup Goal
PCE
TCE
cDCE
11/14/2007
3/28/2009
8/10/2010
12/23/2011
5/6/2013
9/18/2014
1/31/2016

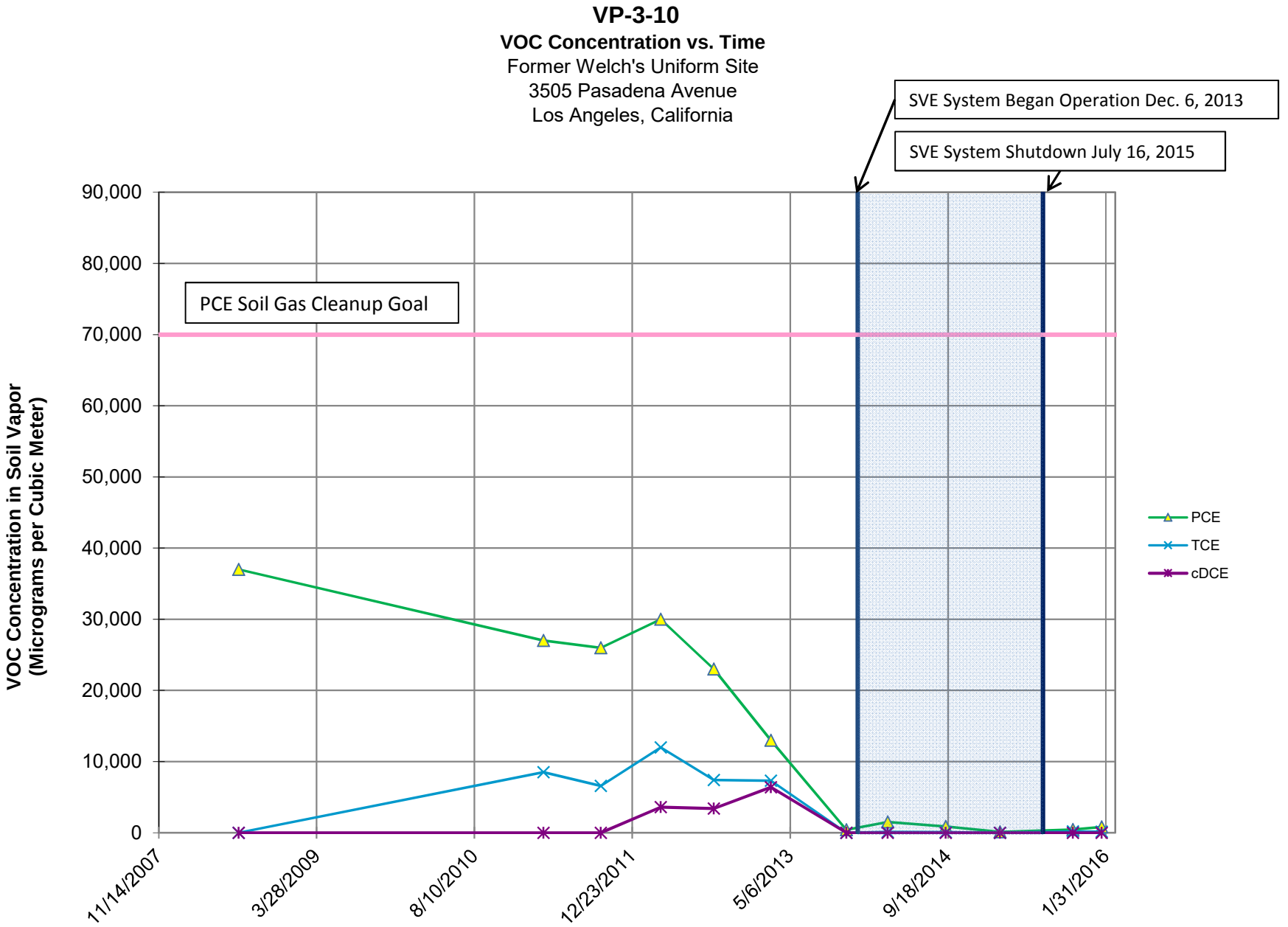

VP-2-5
VOC Concentration vs. Time
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California
SVE System Began Operation Dec. 6, 2013
SVE System Shutdown July 16, 2015
PCE Soil Gas Cleanup Goal
VOC Concentration in Soil Vapor
(Micrograms per Cubic Meter)
50,000
45,000
40,000
35,000
30,000
25,000
20,000
15,000
10,000
5,000
0
11/14/2007
3/28/2009
8/10/2010
12/23/2011
5/6/2013
9/18/2014
PCE
TCE
cDCE


VP-2-10
VOC Concentration vs. Time
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California
SVE System Began Operation Dec. 6, 2013
SVE System Shutdown July 16, 2015
PCE Soil Gas Cleanup Goal
VOC Concentration in Soil Vapor
(Micrograms per Cubic Meter)
90,000
80,000
70,000
60,000
50,000
40,000
30,000
20,000
10,000
0
11/14/2007
3/28/2009
8/10/2010
12/23/2011
5/6/2013
9/18/2014
PCE
TCE
cDCE


VP-2-20
VOC Concentration vs. Time
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California
SVE System Began Operation Dec. 6, 2013
SVE System Shutdown July 16, 2015
PCE Soil Gas Cleanup Goal
VOC Concentration in Soil Vapor
(Micrograms per Cubic Meter)
140,000
120,000
100,000
80,000
60,000
40,000
20,000
0
11/14/2007
3/28/2009
8/10/2010
12/23/2011
5/6/2013
9/18/2014
PCE
TCE
cDCE


VP-2-30
VOC Concentration vs. Time
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California
SVE System Began Operation Dec. 6, 2013
SVE System Shutdown July 16, 2015
PCE Soil Gas Cleanup Goal
VOC Concentration in Soil Vapor
(Micrograms per Cubic Meter)
200,000
180,000
160,000
140,000
120,000
100,000
80,000
60,000
40,000
20,000
0
11/14/2007
3/28/2009
8/10/2010
12/23/2011
5/6/2013
9/18/2014
PCE
TCE
cDCE

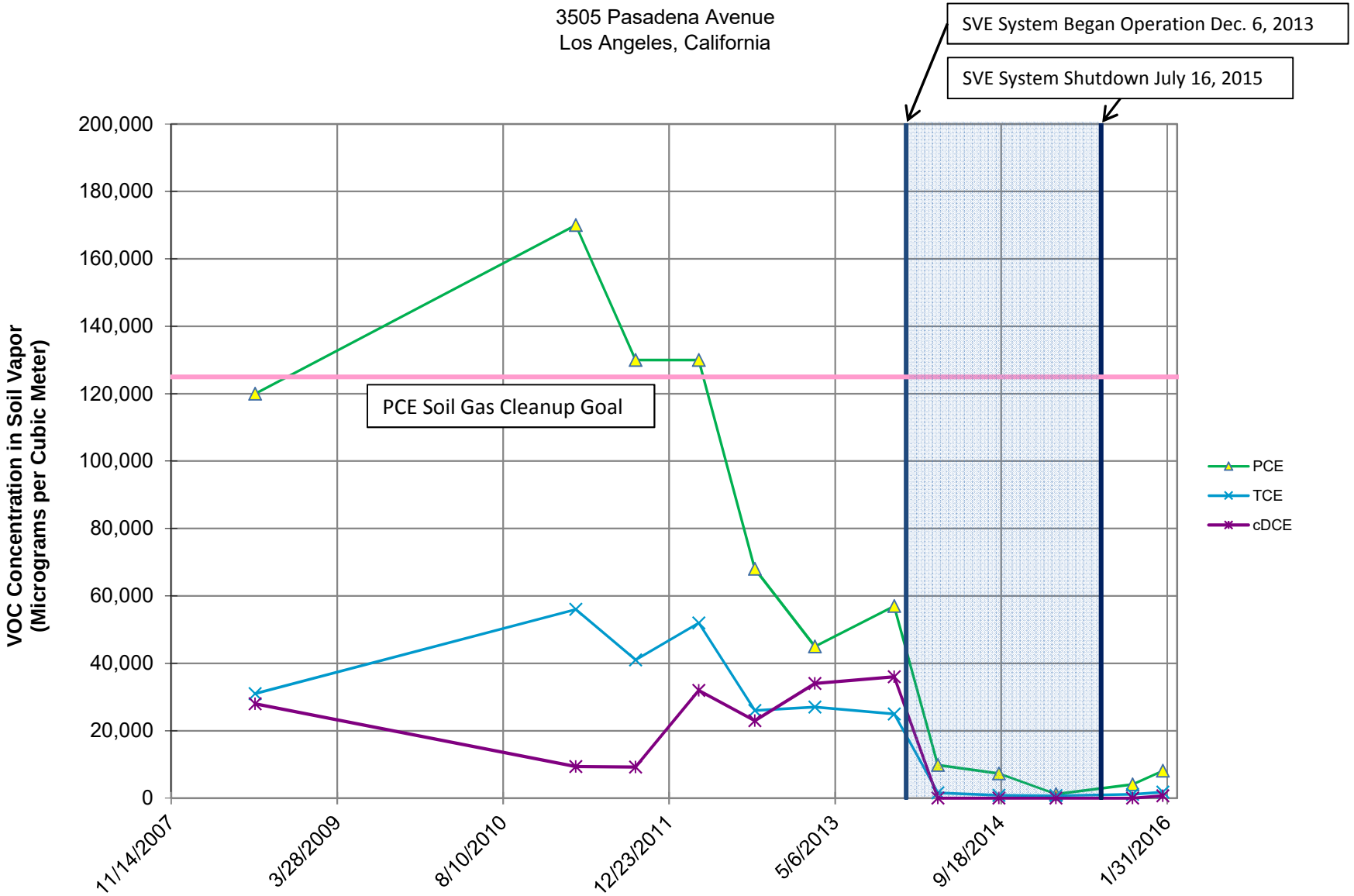

VP-3-5
VOC Concentration vs. Time
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California
SVE System Began Operation Dec. 6, 2013
SVE System Shutdown July 16, 2015
PCE Soil Gas Cleanup Goal
VOC Concentration in Soil Vapor
(Micrograms per Cubic Meter)
50,000
45,000
40,000
35,000
30,000
25,000
20,000
15,000
10,000
5,000
0
11/14/2007
3/28/2009
8/10/2010
12/23/2011
5/6/2013
9/18/2014
1/31/2016
PCE
TCE
cDCE


VP-3-10
VOC Concentration vs. Time
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California
SVE System Began Operation Dec. 6, 2013
SVE System Shutdown July 16, 2015
PCE Soil Gas Cleanup Goal
VOC Concentration in Soil Vapor
(Micrograms per Cubic Meter)
90,000
80,000
70,000
60,000
50,000
40,000
30,000
20,000
10,000
0
11/14/2007
3/28/2009
8/10/2010
12/23/2011
5/6/2013
9/18/2014
1/31/2016
PCE
TCE
cDCE

VP-3-20

VOC Concentration vs. Time

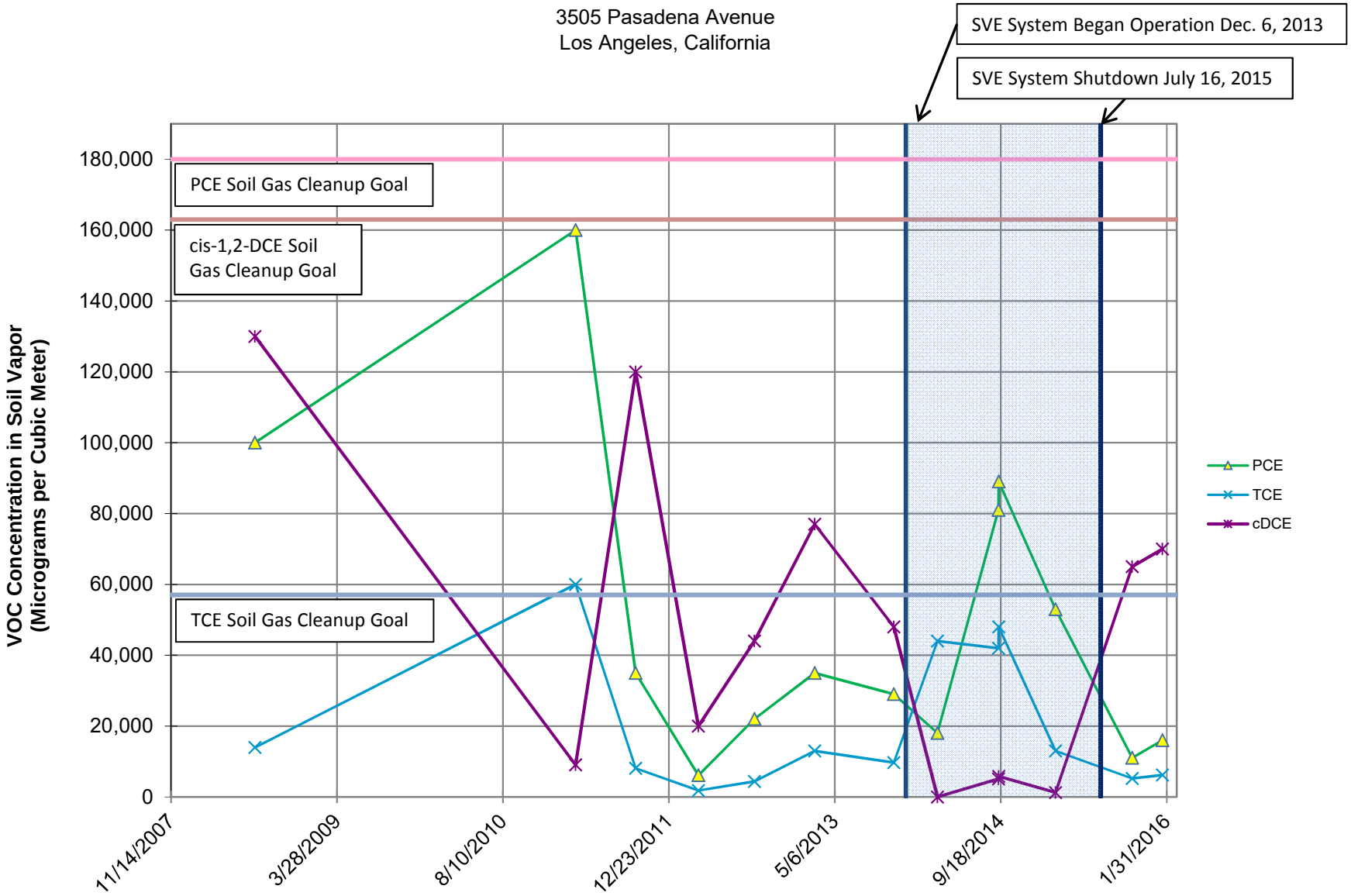
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California

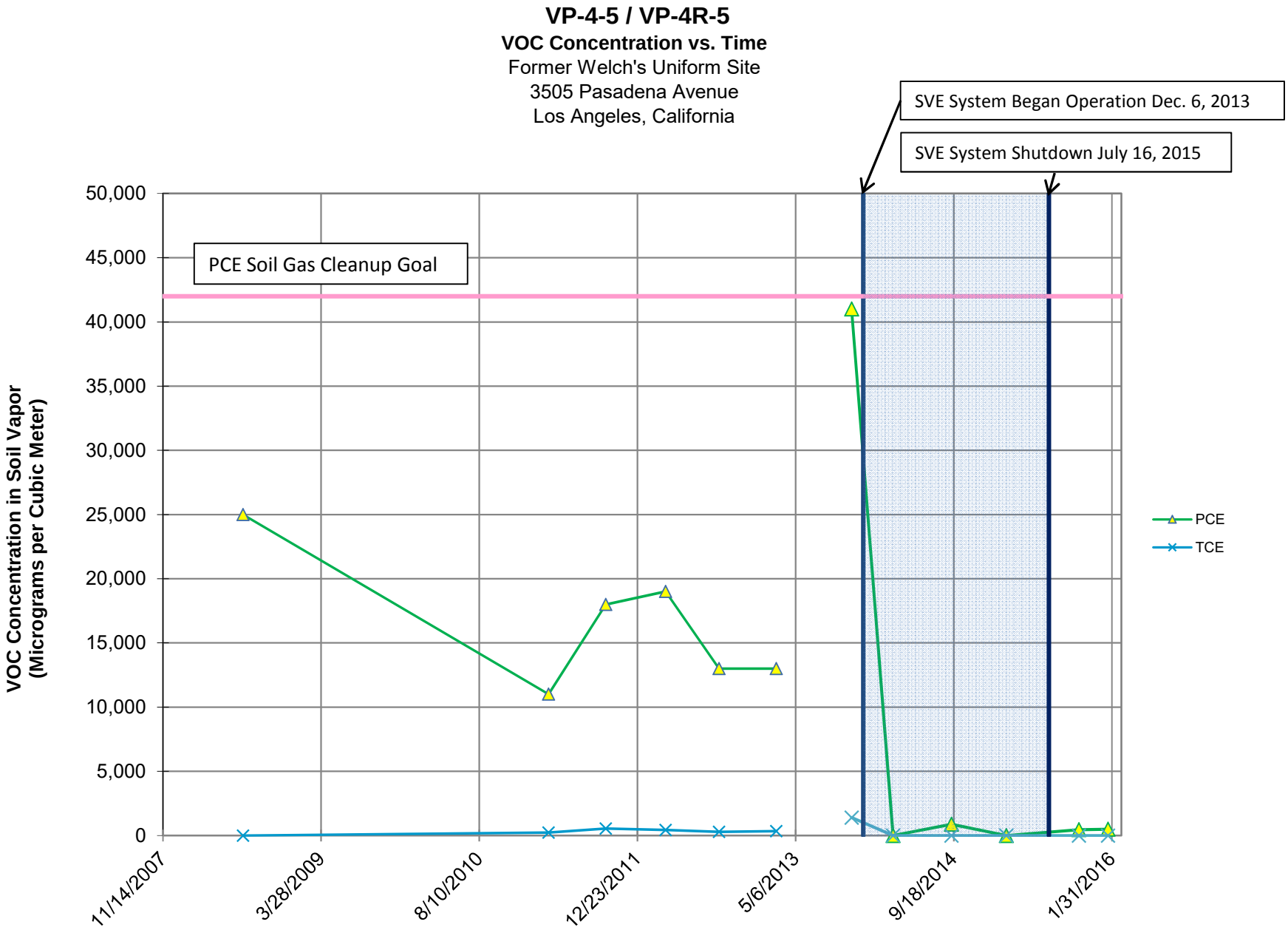


VP-3-30

VOC Concentration vs. Time

Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California

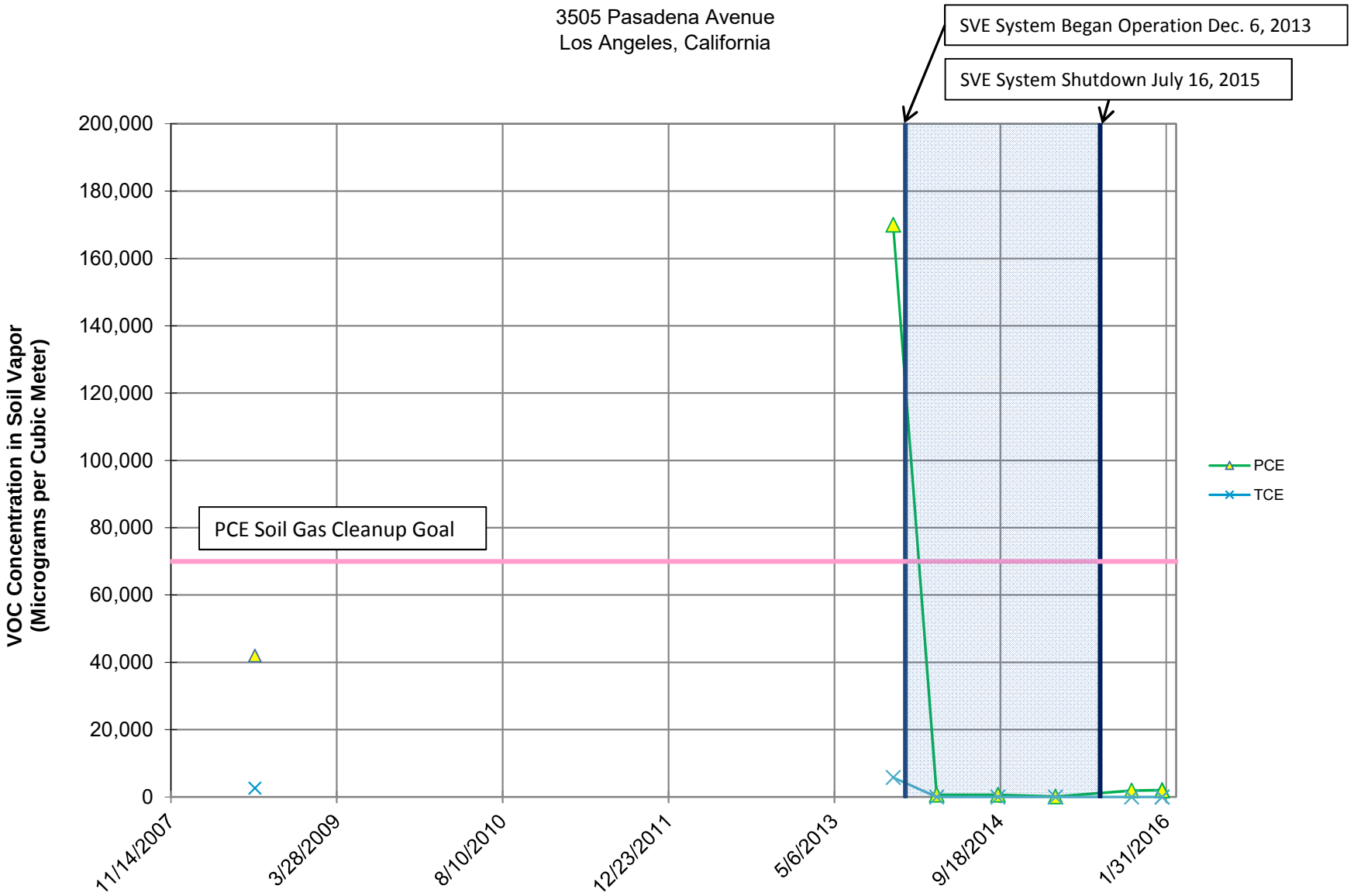



VP-4-5 / VP-4R-5
VOC Concentration vs. Time
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California
SVE System Began Operation Dec. 6, 2013
SVE System Shutdown July 16, 2015
PCE Soil Gas Cleanup Goal
VOC Concentration in Soil Vapor
(Micrograms per Cubic Meter)
50,000
45,000
40,000
35,000
30,000
25,000
20,000
15,000
10,000
5,000
0
11/14/2007
3/28/2009
8/10/2010
12/23/2011
5/6/2013
9/18/2014
1/31/2016
PCE
TCE

VP-4-10 / VP-4R-10

VOC Concentration vs. Time

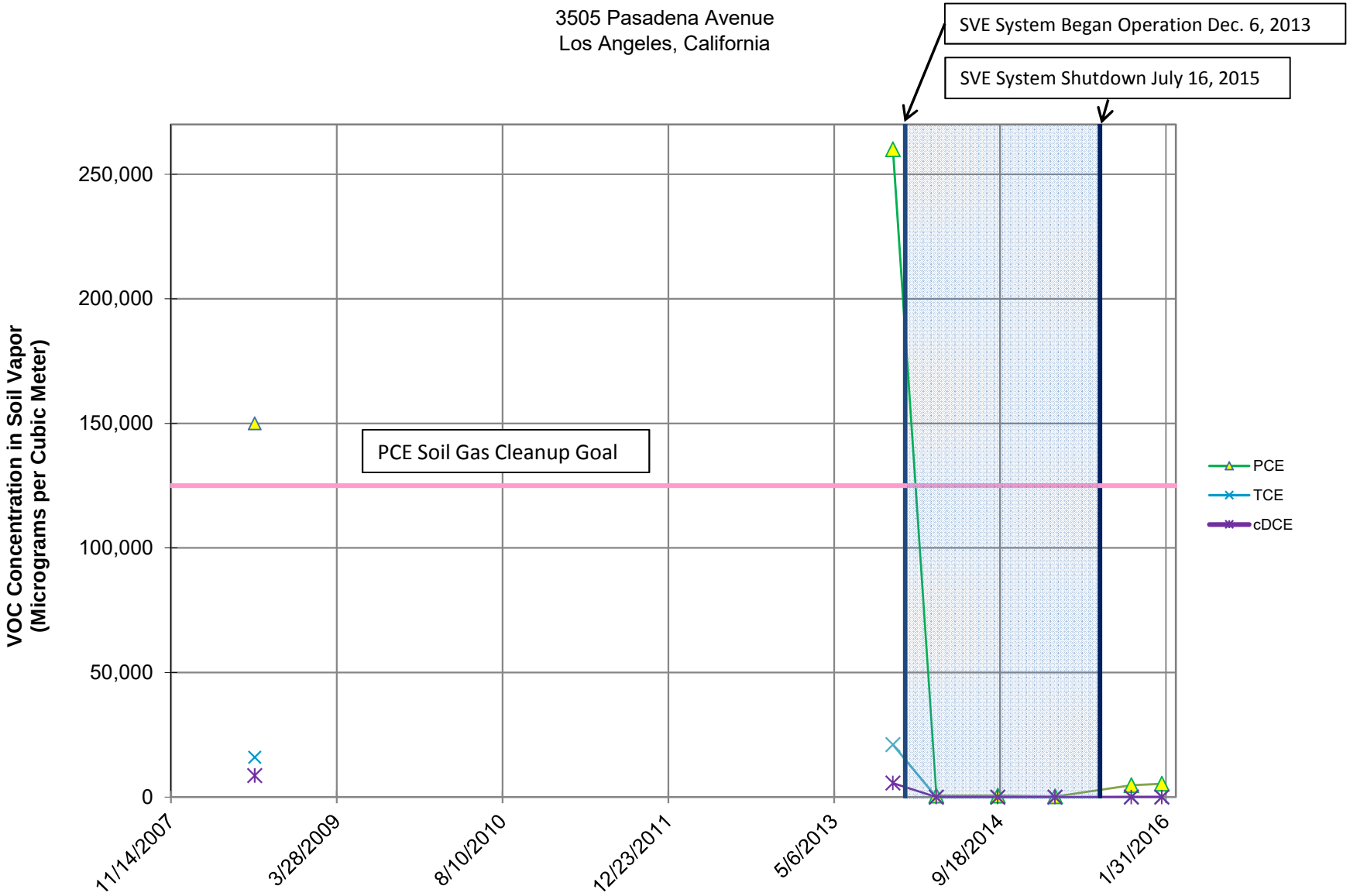
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California



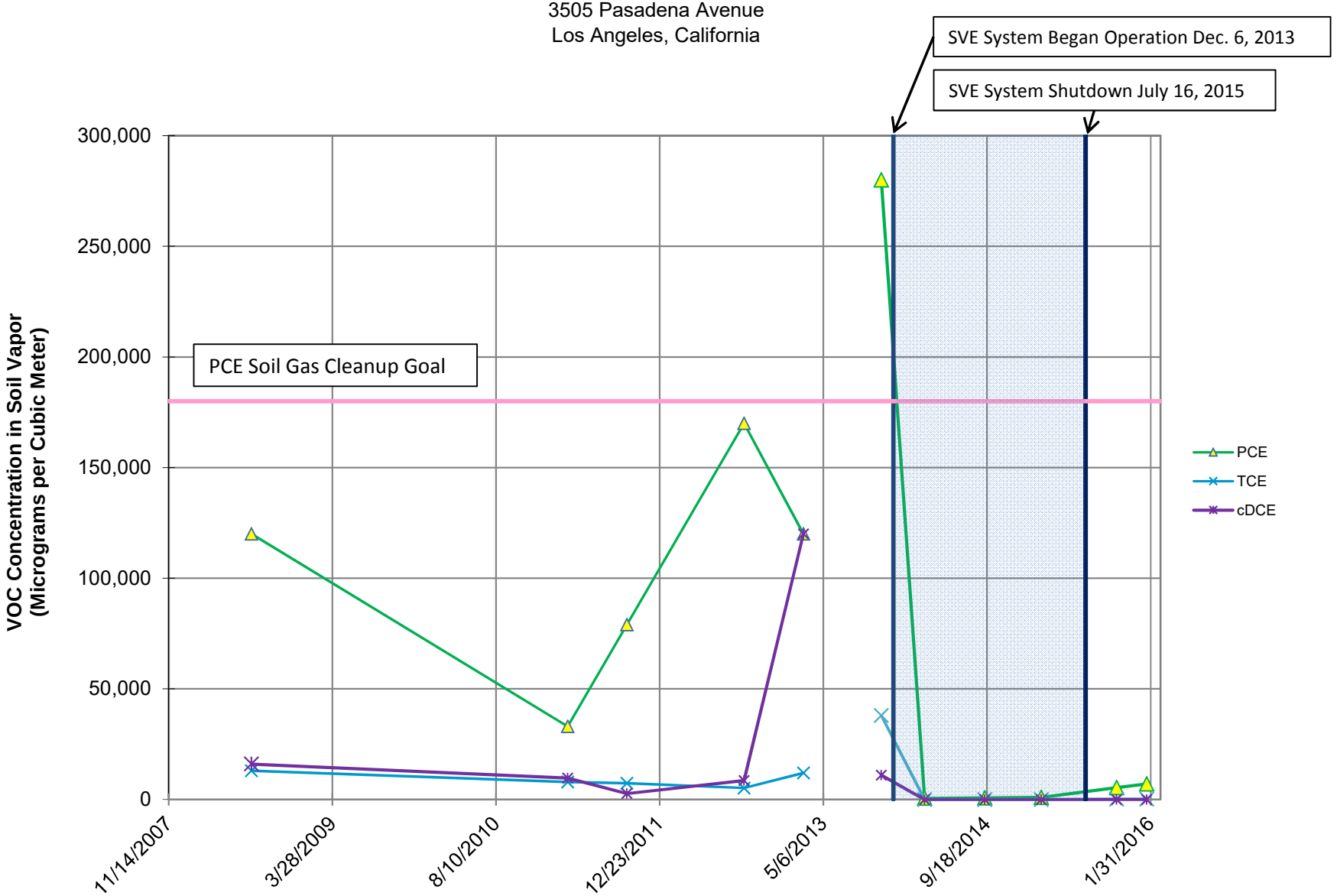
VP-4-20 / VP-4R-20

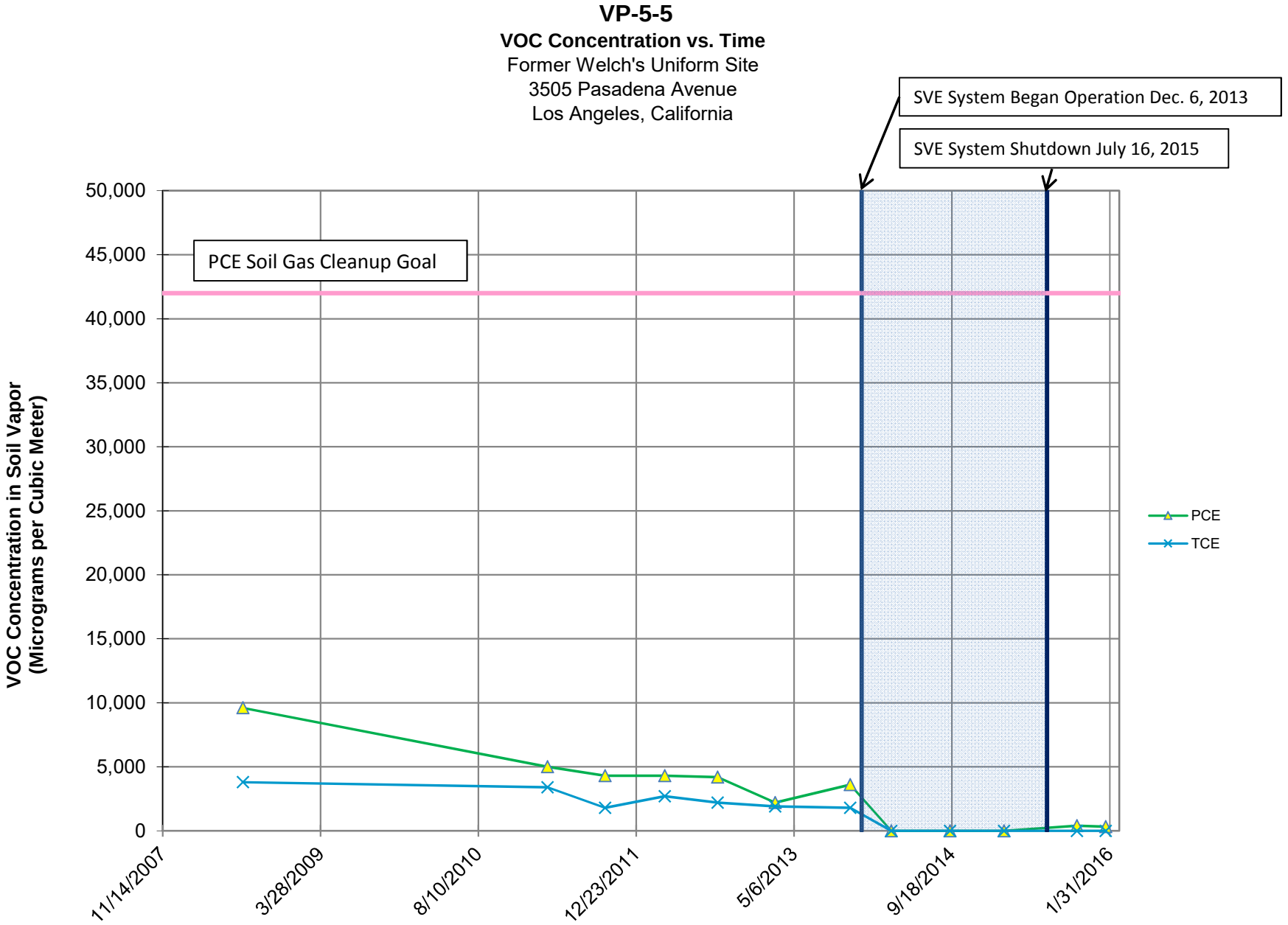
VOC Concentration vs. Time

Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California



VP-4-30 / VP-4R-30
VOC Concentration vs. Time
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California

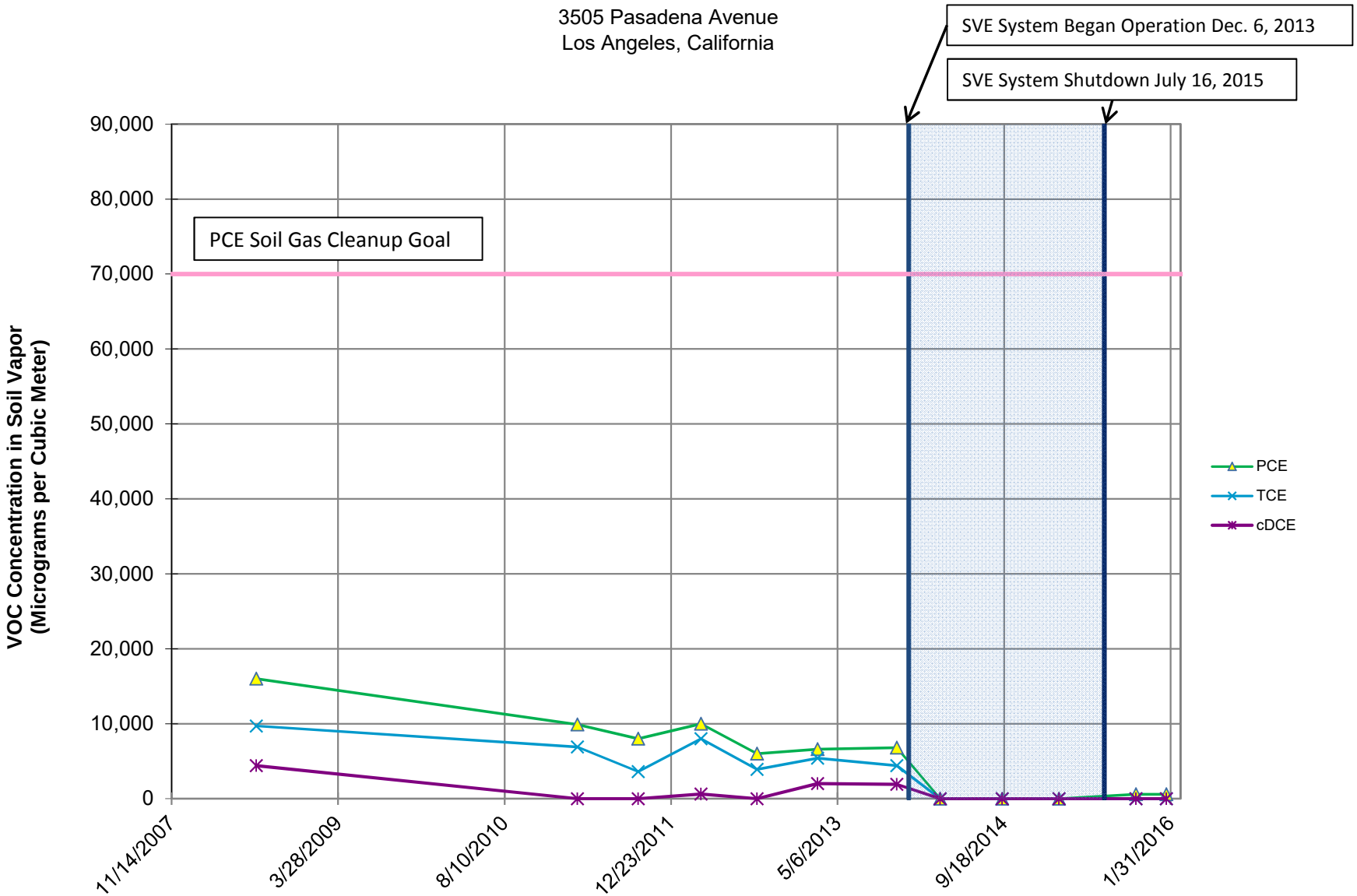


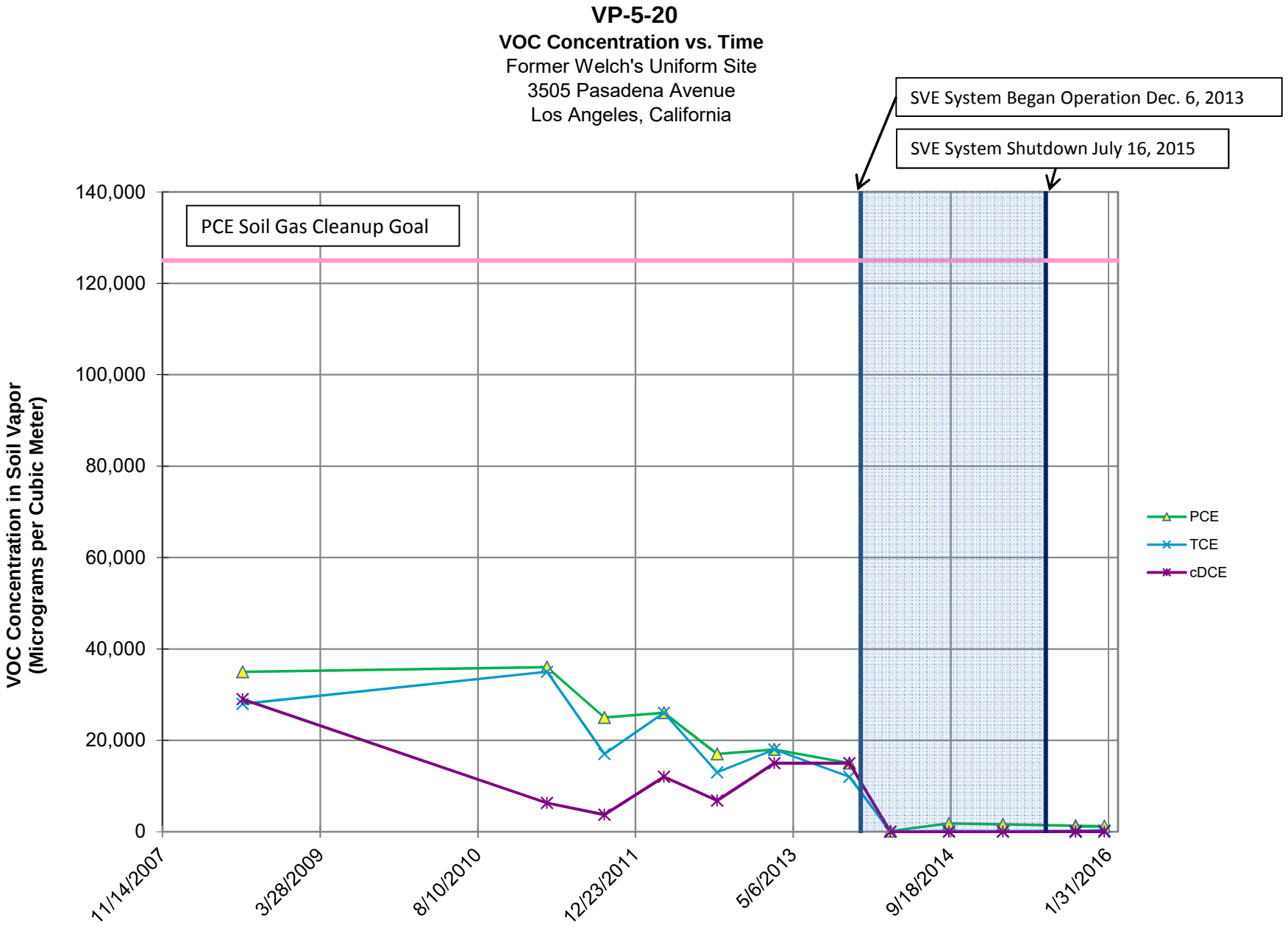

VP-5-5
VOC Concentration vs. Time
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California
SVE System Began Operation Dec. 6, 2013
SVE System Shutdown July 16, 2015
PCE Soil Gas Cleanup Goal
VOC Concentration in Soil Vapor
(Micrograms per Cubic Meter)
50,000
45,000
40,000
35,000
30,000
25,000
20,000
15,000
10,000
5,000
0
11/14/2007
3/28/2009
8/10/2010
12/23/2011
5/6/2013
9/18/2014
1/31/2016
PCE
TCE

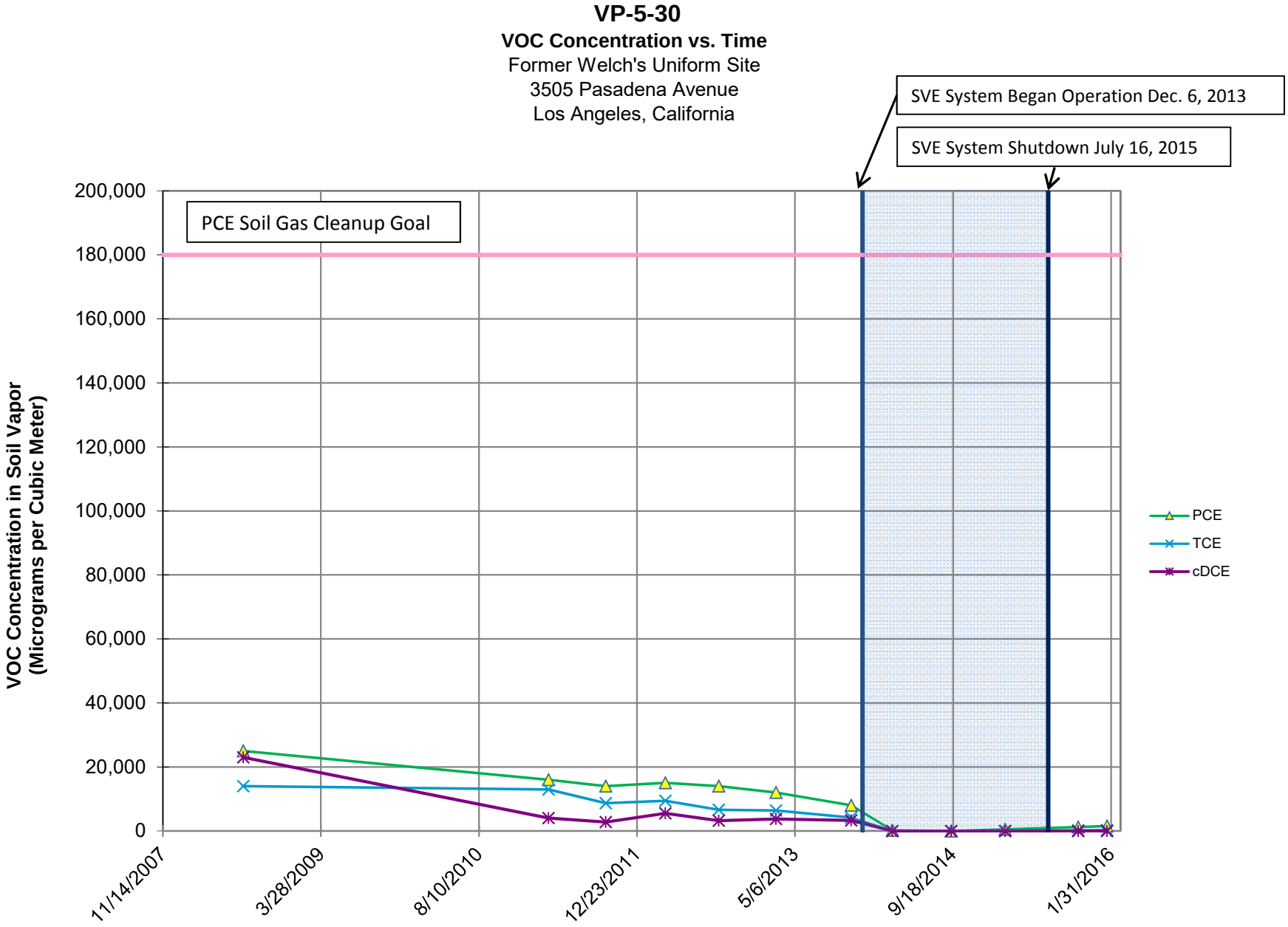
VP-5-10

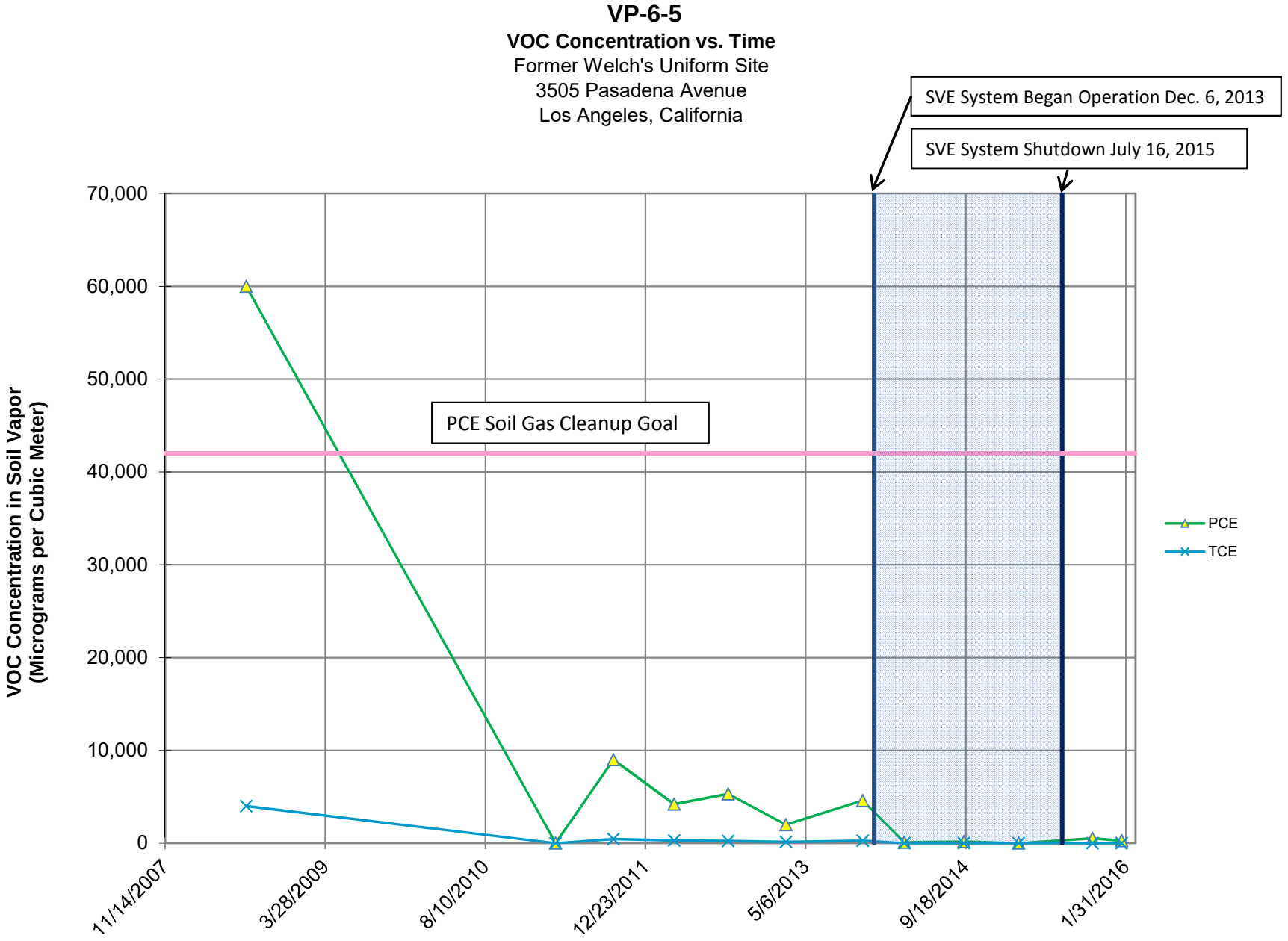
VOC Concentration vs. Time

Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California




VP-5-20
VOC Concentration vs. Time
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California
SVE System Began Operation Dec. 6, 2013
SVE System Shutdown July 16, 2015
PCE Soil Gas Cleanup Goal
VOC Concentration in Soil Vapor
(Micrograms per Cubic Meter)
140,000
120,000
100,000
80,000
60,000
40,000
20,000
0
11/14/2007
3/28/2009
8/10/2010
12/23/2011
5/6/2013
9/18/2014
1/31/2016
PCE
TCE
cDCE

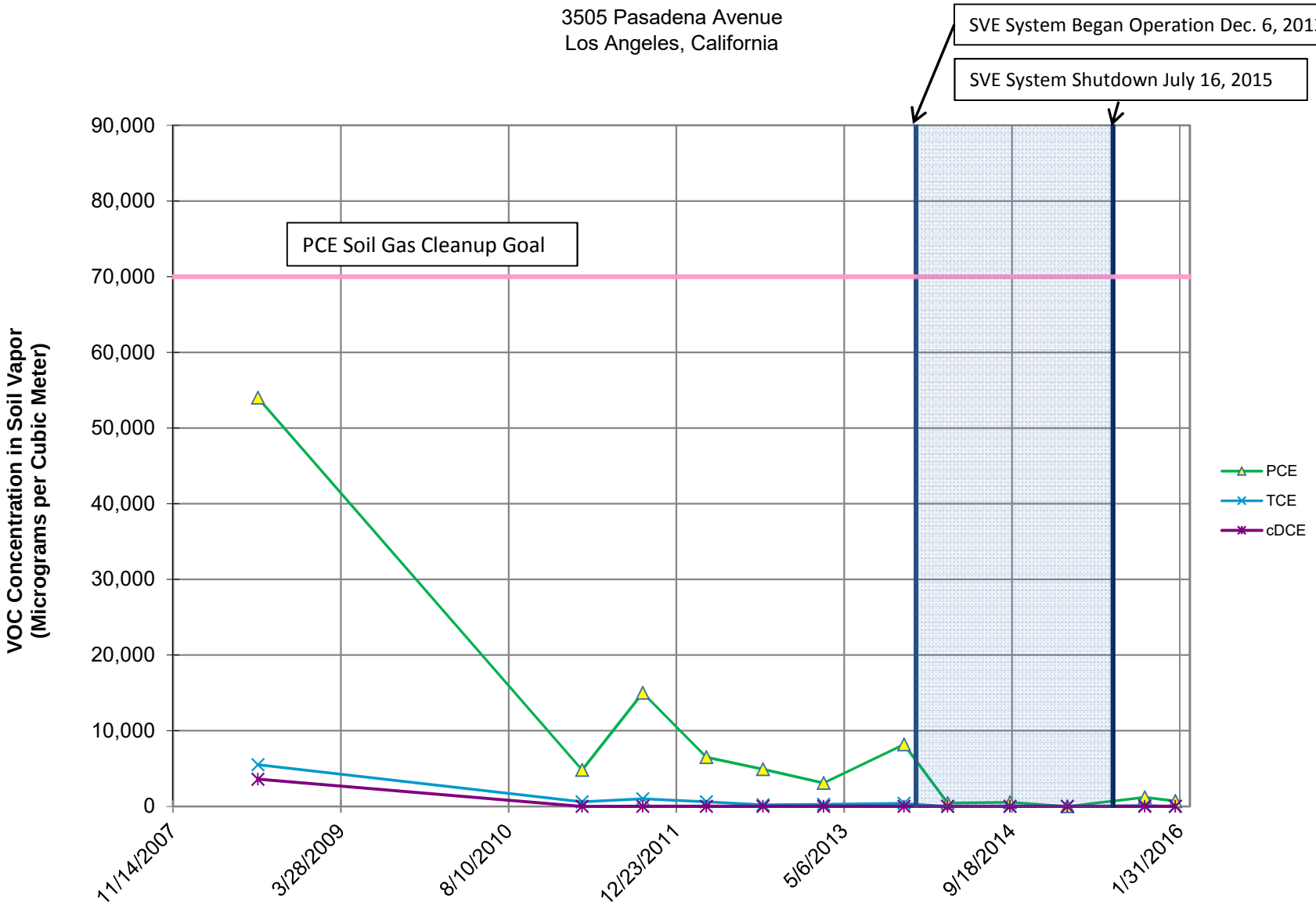

VP-5-30
VOC Concentration vs. Time
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California
SVE System Began Operation Dec. 6, 2013
SVE System Shutdown July 16, 2015
PCE Soil Gas Cleanup Goal
VOC Concentration in Soil Vapor
(Micrograms per Cubic Meter)
200,000
180,000
160,000
140,000
120,000
100,000
80,000
60,000
40,000
20,000
0
11/14/2007
3/28/2009
8/10/2010
12/23/2011
5/6/2013
9/18/2014
1/31/2016
PCE
TCE
cDCE

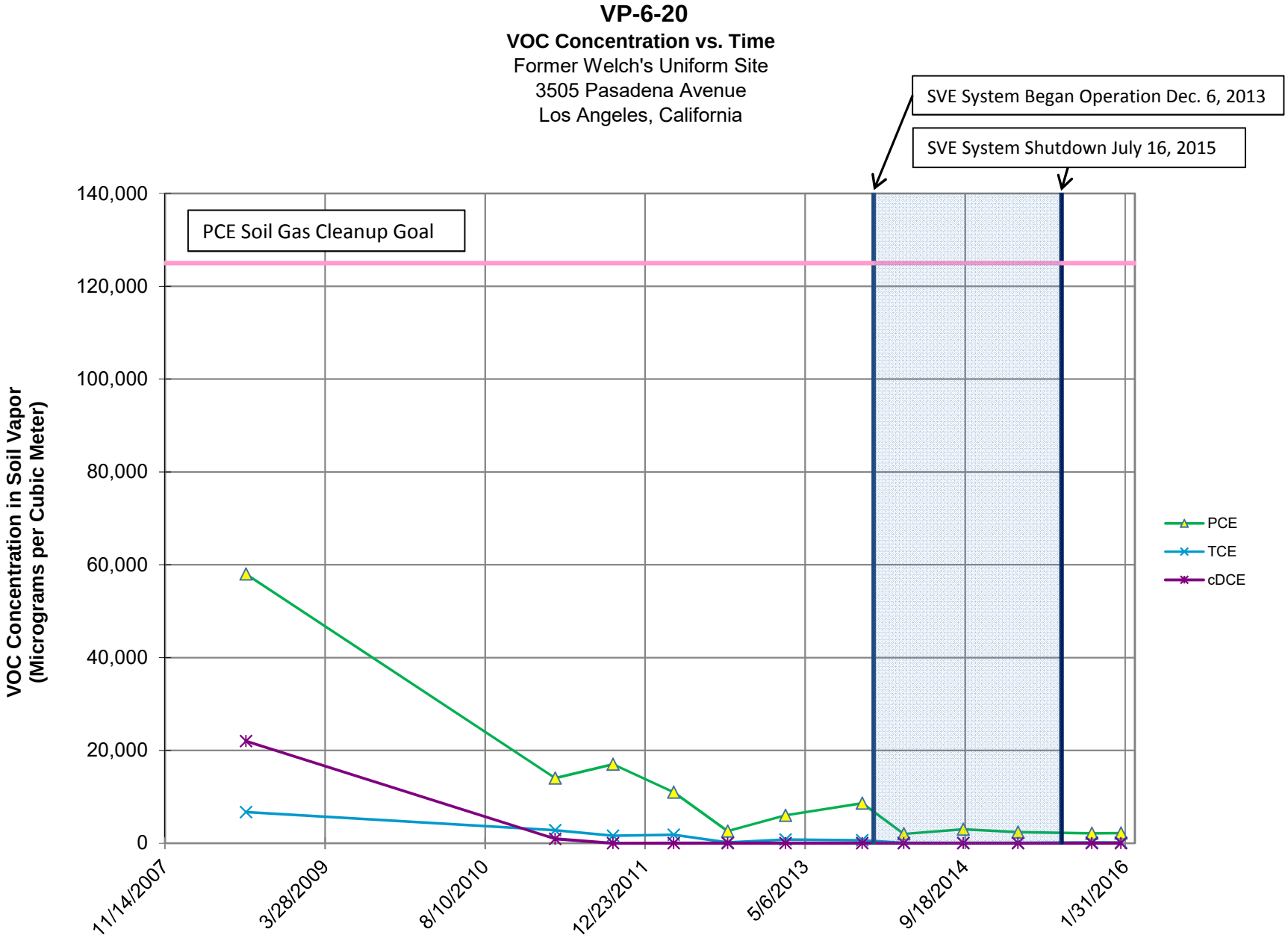

VP-6-5
VOC Concentration vs. Time
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California
SVE System Began Operation Dec. 6, 2013
SVE System Shutdown July 16, 2015
PCE Soil Gas Cleanup Goal
VOC Concentration in Soil Vapor
(Micrograms per Cubic Meter)
70,000
60,000
50,000
40,000
30,000
20,000
10,000
0
11/14/2007
3/28/2009
8/10/2010
12/23/2011
5/6/2013
9/18/2014
1/31/2016
PCE
TCE

VP-6-10

VOC Concentration vs. Time

Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California

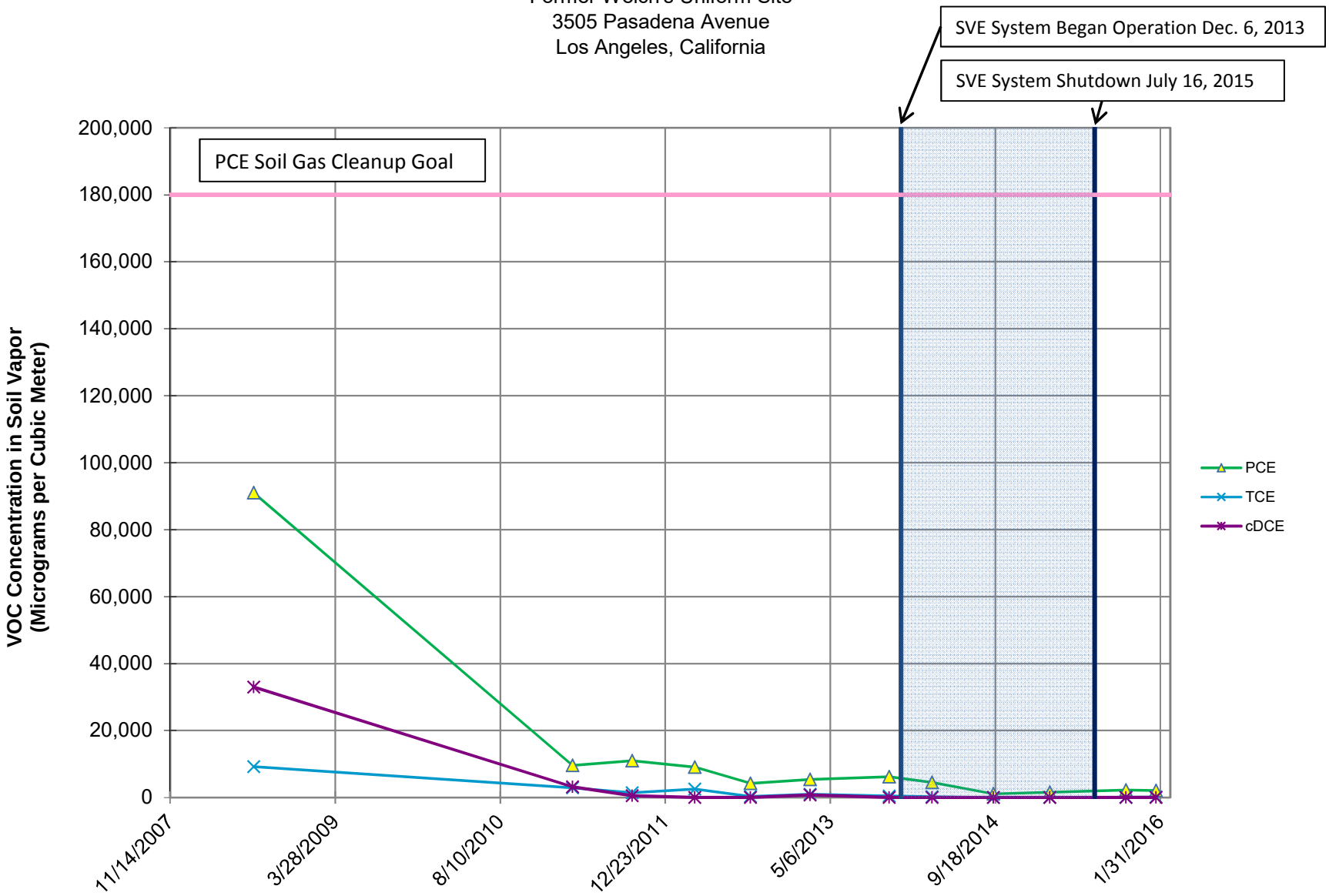



VP-6-20
VOC Concentration vs. Time
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California
SVE System Began Operation Dec. 6, 2013
SVE System Shutdown July 16, 2015
PCE Soil Gas Cleanup Goal
VOC Concentration in Soil Vapor
(Micrograms per Cubic Meter)
140,000
120,000
100,000
80,000
60,000
40,000
20,000
0
11/14/2007
3/28/2009
8/10/2010
12/23/2011
5/6/2013
9/18/2014
1/31/2016
PCE
TCE
cDCE

VP-6-30

VOC Concentration vs. Time

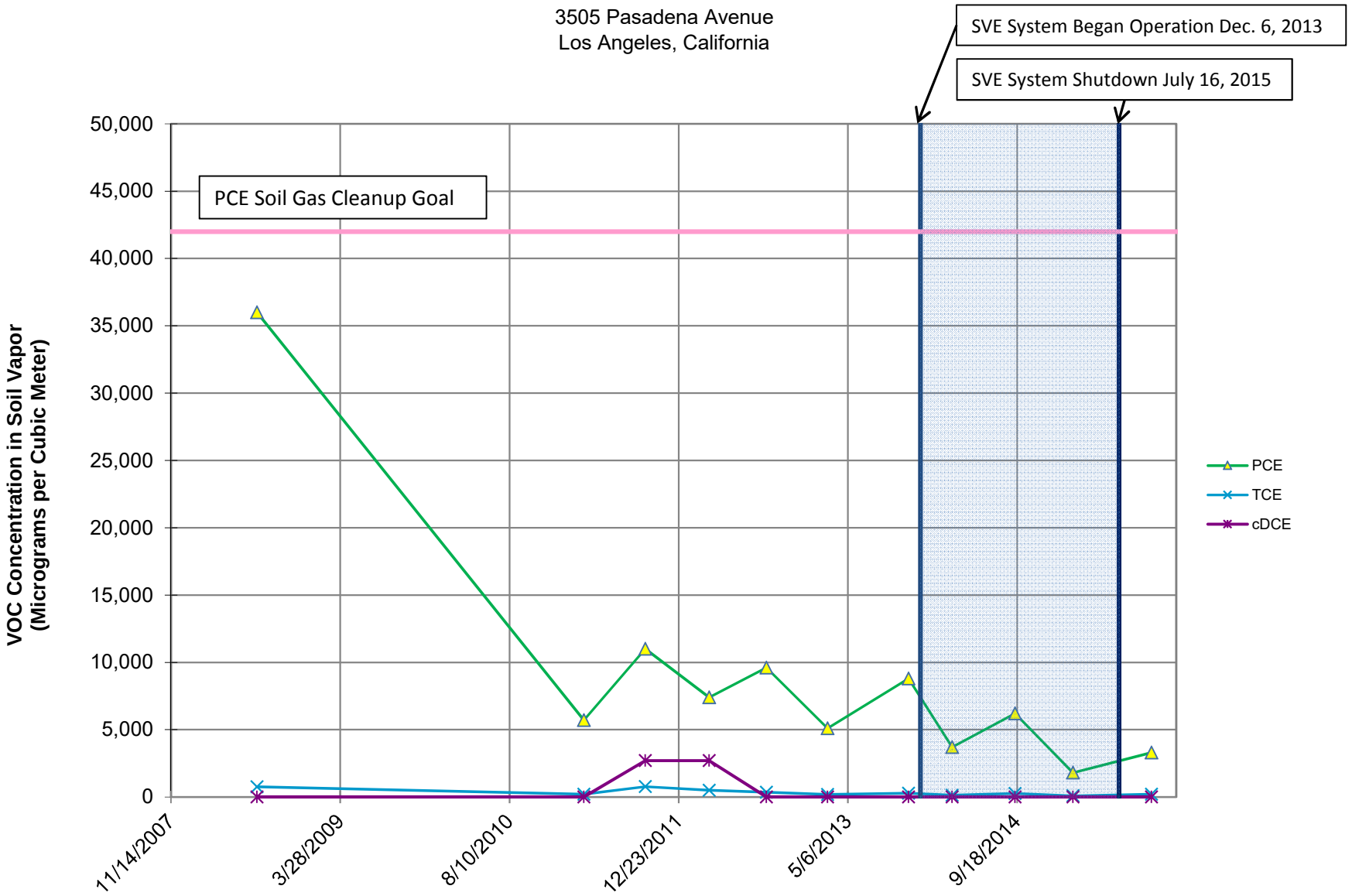
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California

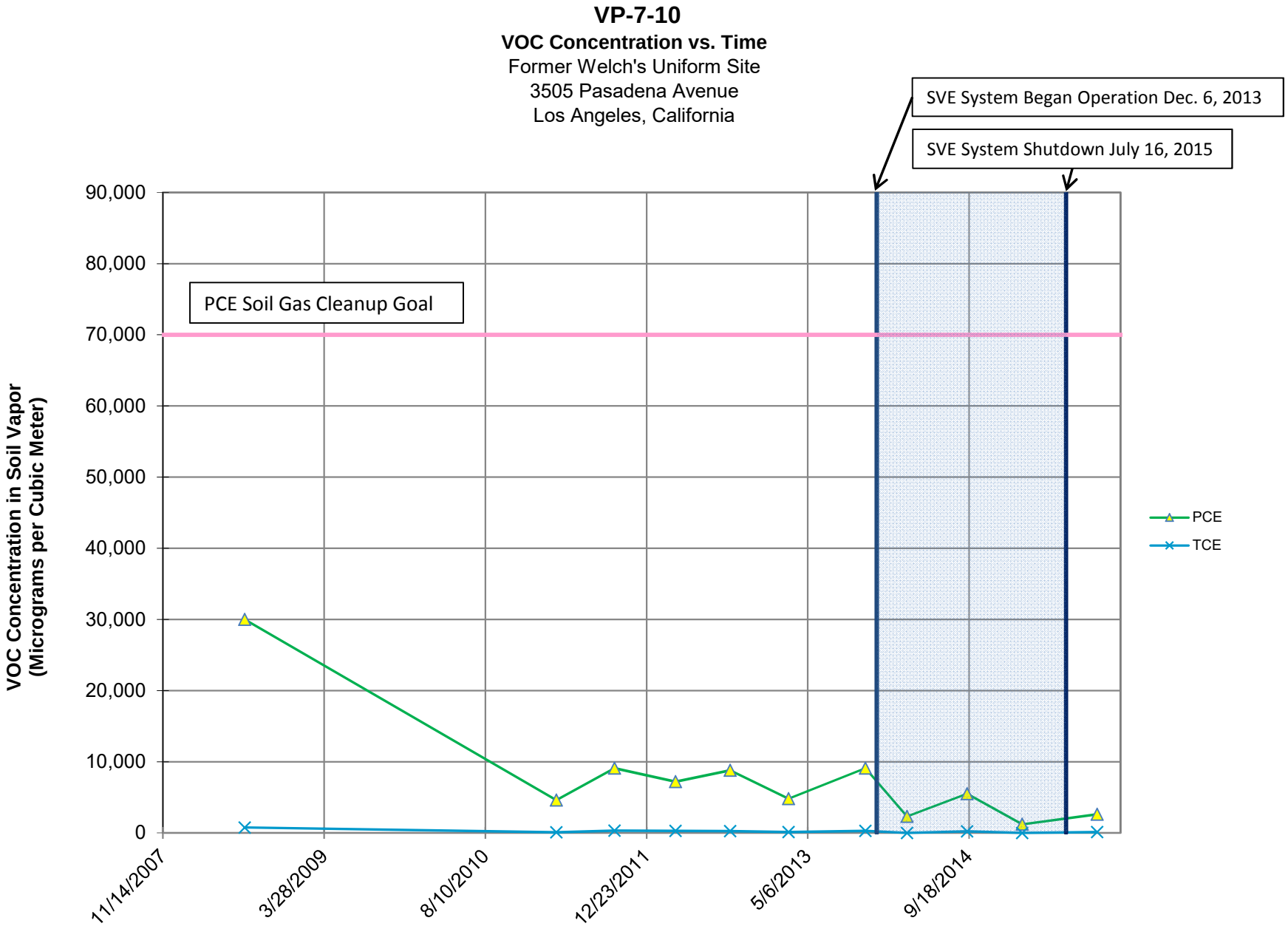


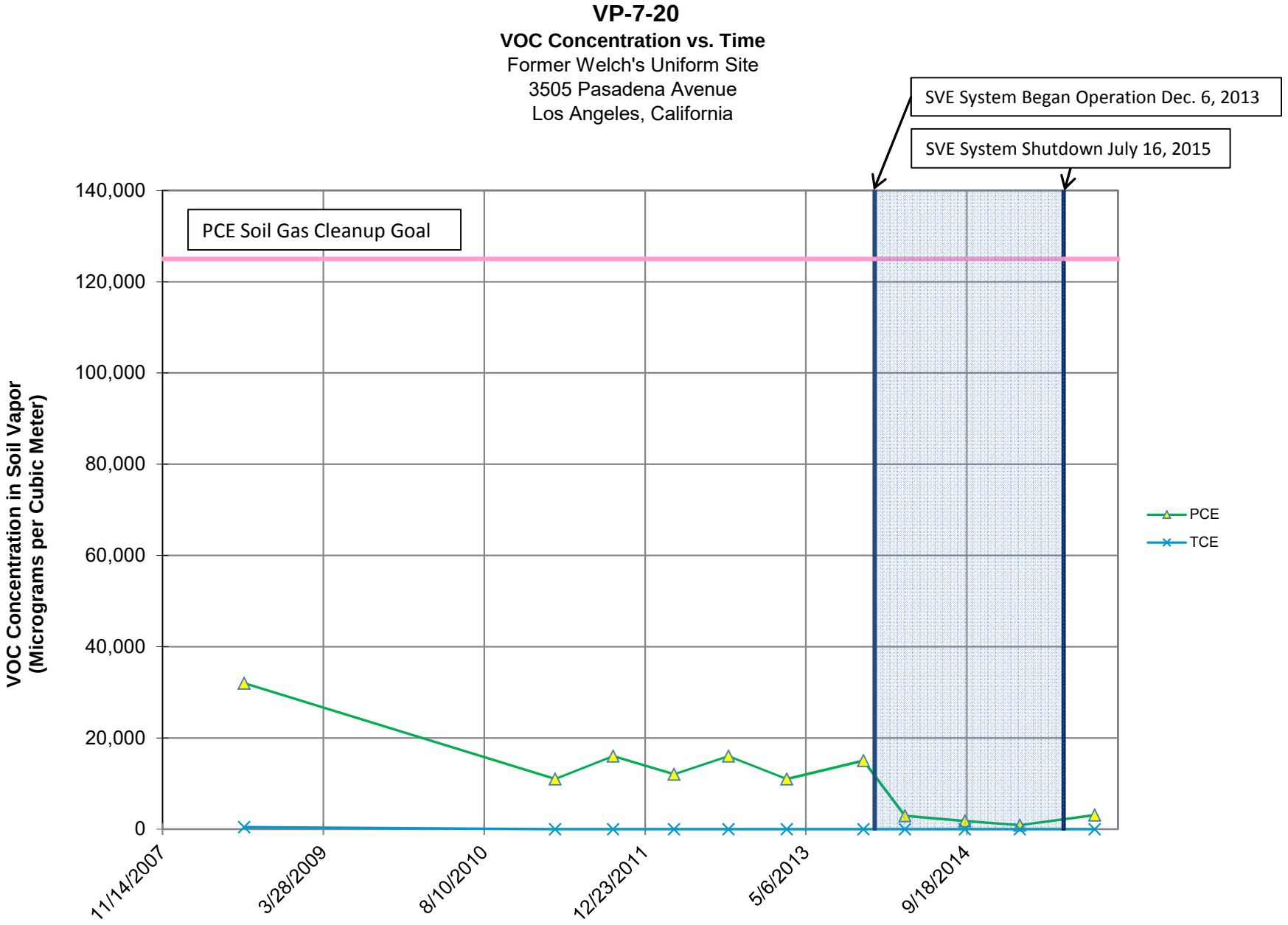
VP-7-5

VOC Concentration vs. Time

Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California



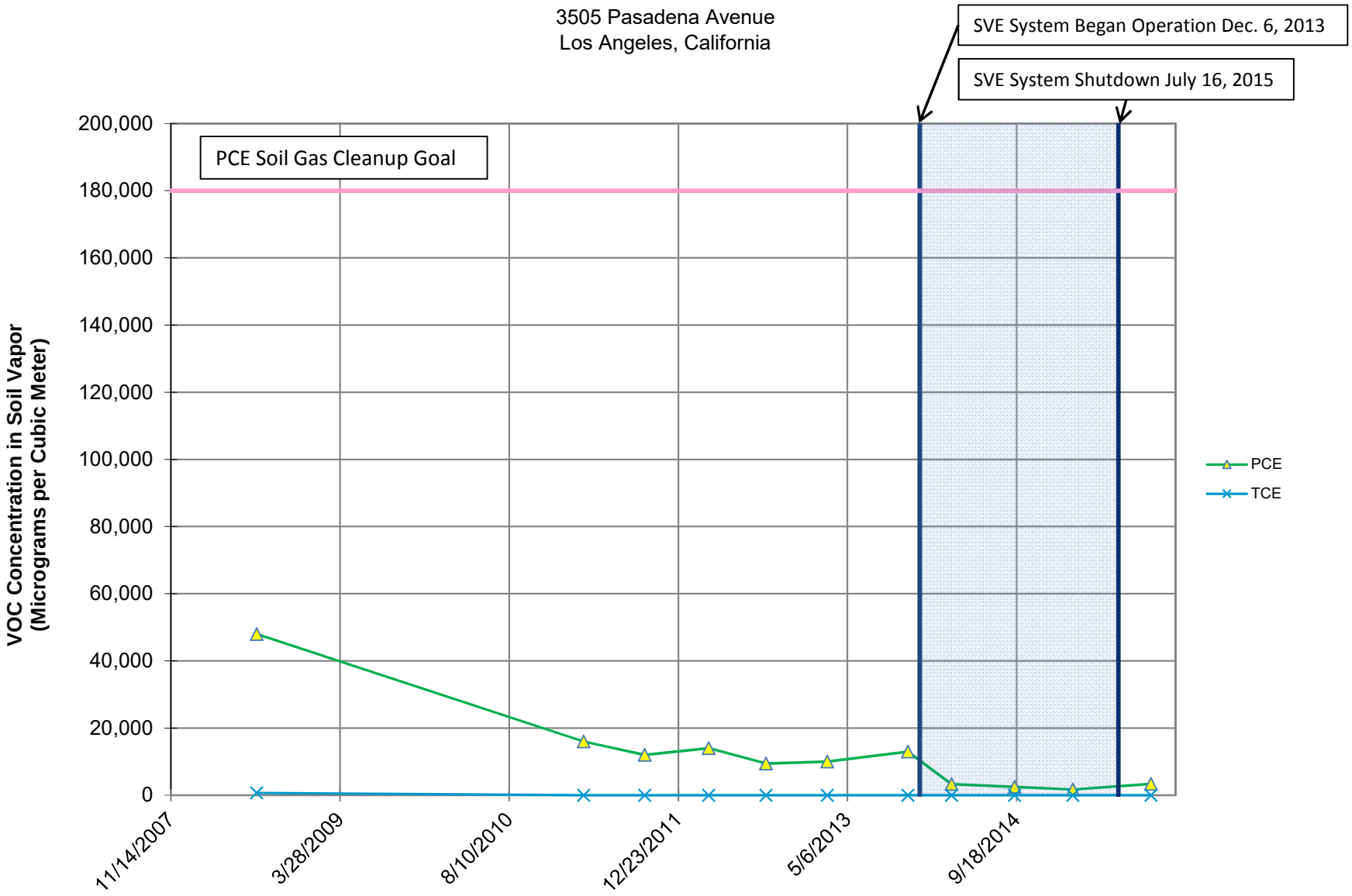

VP-7-10
VOC Concentration vs. Time
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California
SVE System Began Operation Dec. 6, 2013
SVE System Shutdown July 16, 2015
PCE Soil Gas Cleanup Goal
VOC Concentration in Soil Vapor
(Micrograms per Cubic Meter)
90,000
80,000
70,000
60,000
50,000
40,000
30,000
20,000
10,000
0
11/14/2007
3/28/2009
8/10/2010
12/23/2011
5/6/2013
9/18/2014
PCE
TCE

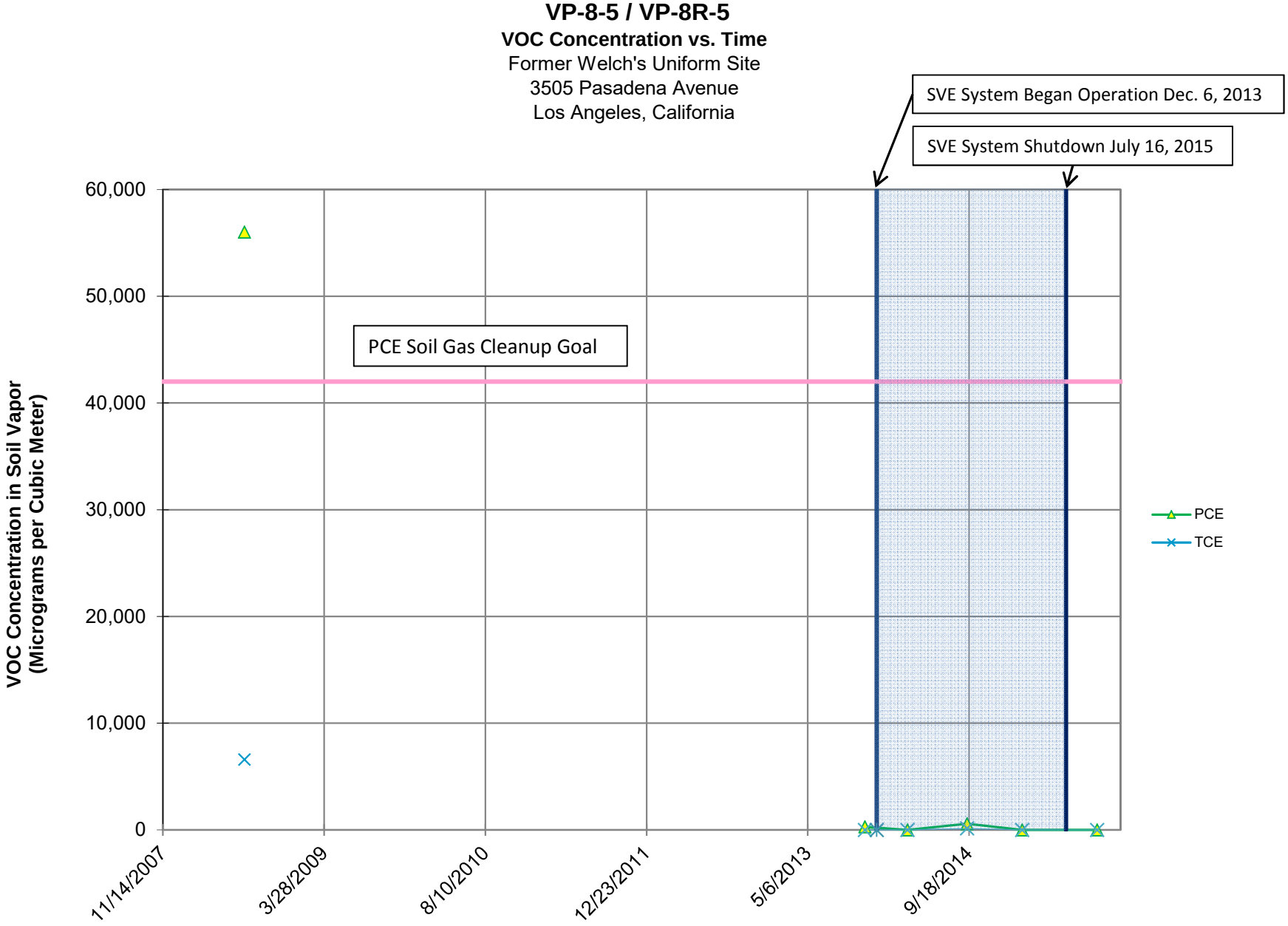

VP-7-20
VOC Concentration vs. Time
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California
SVE System Began Operation Dec. 6, 2013
SVE System Shutdown July 16, 2015
PCE Soil Gas Cleanup Goal
VOC Concentration in Soil Vapor
(Micrograms per Cubic Meter)
140,000
120,000
100,000
80,000
60,000
40,000
20,000
0
11/14/2007
3/28/2009
8/10/2010
12/23/2011
5/6/2013
9/18/2014
PCE
TCE

VP-7-30

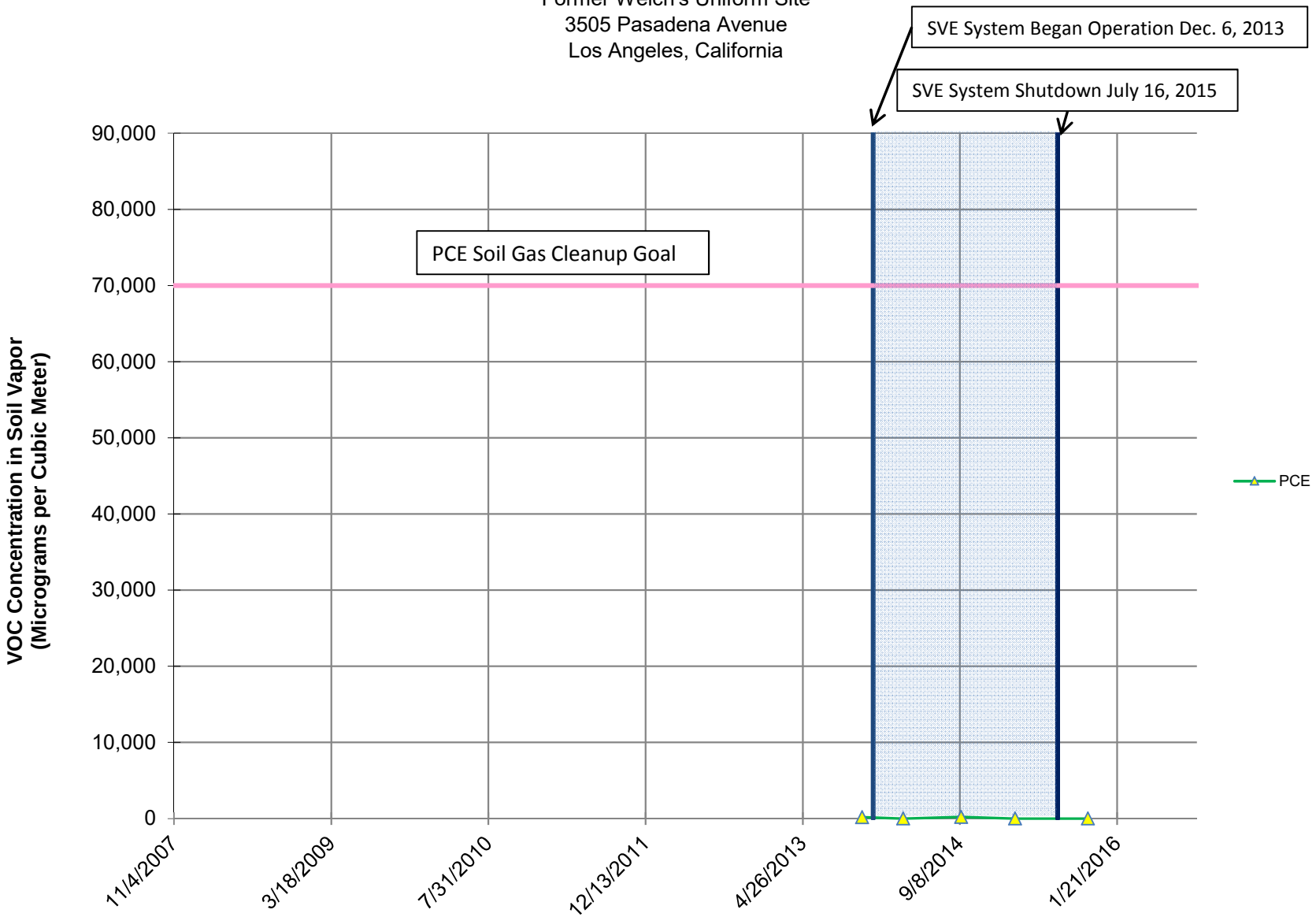
VOC Concentration vs. Time

Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California

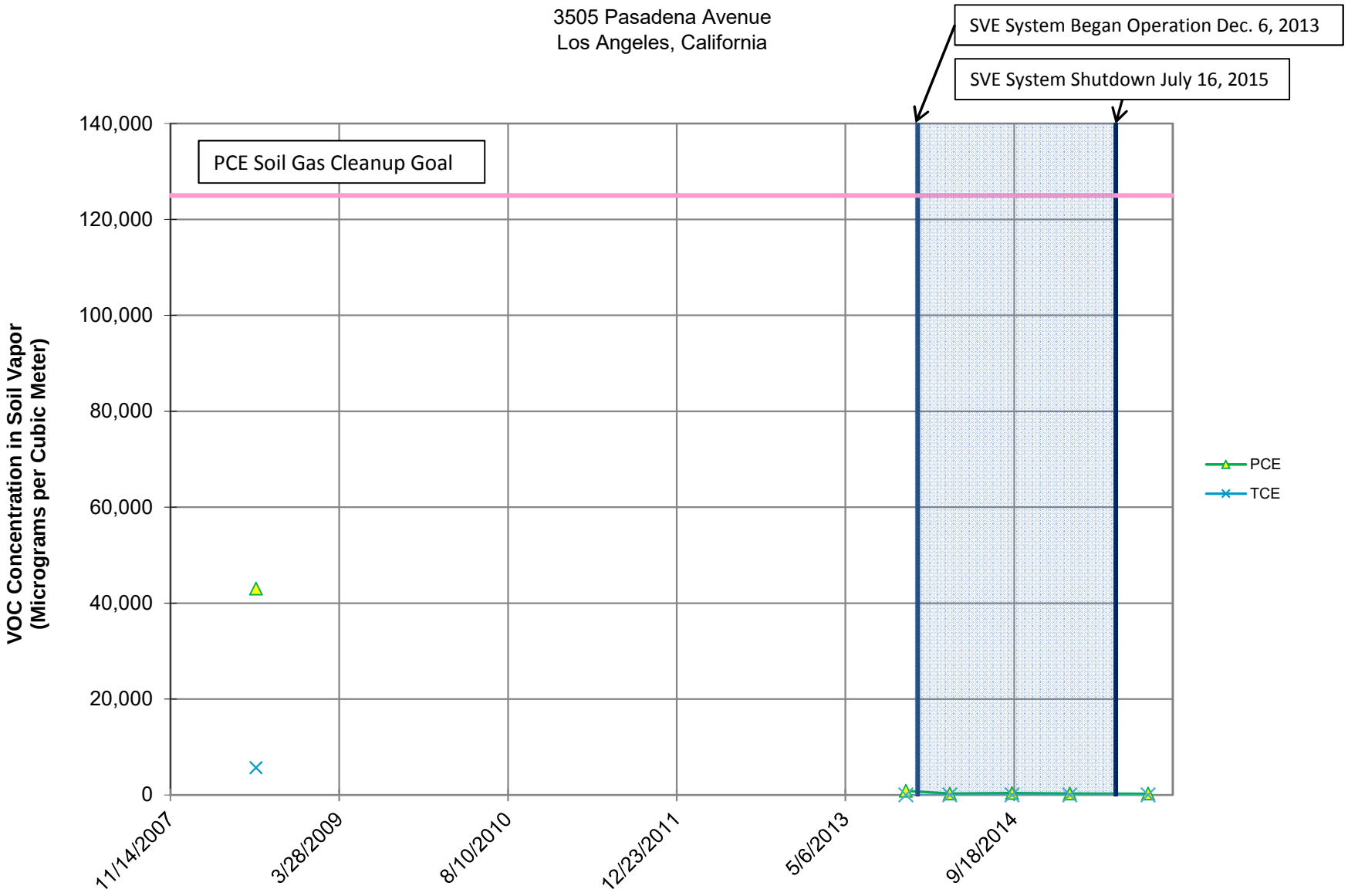



VP-8-5 / VP-8R-5
VOC Concentration vs. Time
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California
SVE System Began Operation Dec. 6, 2013
SVE System Shutdown July 16, 2015
PCE Soil Gas Cleanup Goal
VOC Concentration in Soil Vapor
(Micrograms per Cubic Meter)
60,000
50,000
40,000
30,000
20,000
10,000
0
11/14/2007
3/28/2009
8/10/2010
12/23/2011
5/6/2013
9/18/2014
PCE
TCE

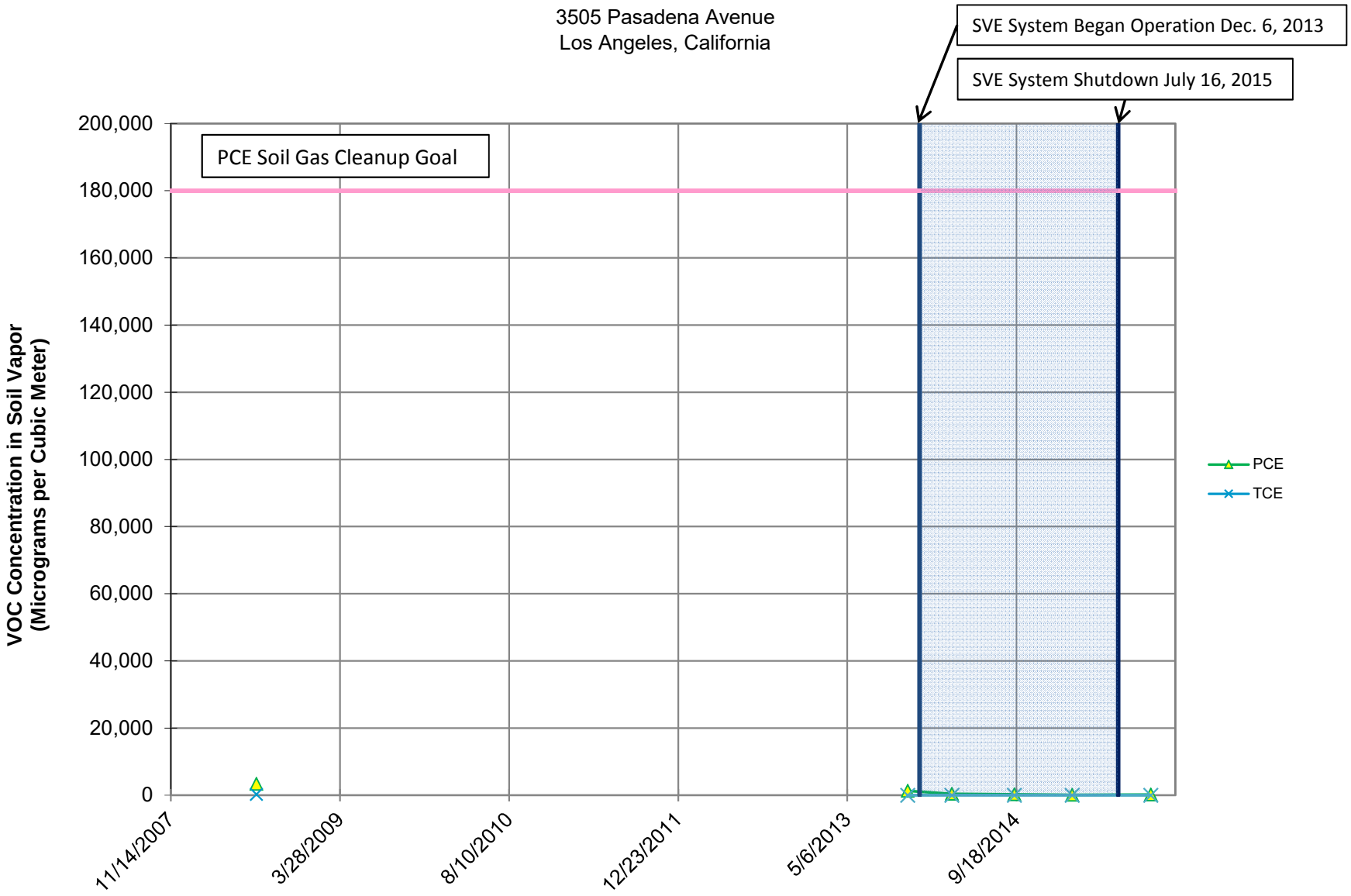
VP-8-10 / VP-8R-10
VOC Concentration vs. Time
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California



VP-8-20 / VP-8R-20
VOC Concentration vs. Time
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California



VP-8-30 / VP-8R-30
VOC Concentration vs. Time
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California



BURNS McDONNELL

CREATE AMAZING.

Burns & McDonnell
8201 Norman Center Drive
Bloomington, MN 55437
O 952-656-6003
F 952-229-2923
www.burnsmcd.com

January 20, 2017

Ms. Lori Parnass
Department of Toxic Substances Control
9211 Oakdale Avenue
Chatsworth, CA 91311

Re: Summary of Proposed Groundwater Monitoring Well Decommissioning and Annual Groundwater Sampling
Former Welch's Uniform Facility, 3505 N. Pasadena Ave, Los Angeles, CA 90031
DTSC CalStars Site Code 301314
Burns & McDonnell Project No. 96692

Dear Ms. Parnass:

Burns & McDonnell Engineering Company, Inc. (Burns & McDonnell) on behalf of AmeriPride Services Inc. (AmeriPride) has prepared this *Summary of Proposed Groundwater Monitoring Well Decommissioning and Annual Groundwater Sampling* (Summary) for the Former Welch's Uniform Facility (Site) located at 3505 N. Pasadena Avenue, Los Angeles, California (**Figures 1 and 2**). This Summary is intended to provide the California Department of Toxic Substances Control (DTSC) with information regarding the proposed decommissioning of fourteen (14) groundwater monitoring wells associated the Site. Groundwater monitoring of the remaining four (4) groundwater monitoring wells associated with the Site will continue on an annual basis.

Site Background and Remediation Activities
The Site was formerly a commercial linen and apparel laundering and delivery service facility that was established circa 1920 and operated until approximately 1988. All buildings associated with the previous operation were removed in 1993, and the Site is now a vacant parcel. The Site is currently enrolled in a Voluntary Cleanup Agreement executed on June 17, 2007, between the DTSC and AmeriPride.

A soil vapor extraction (SVE) system, which extracted volatile organic compound (VOC) impacted vapors from eleven SVE wells, operated at the Site from December 2013 until July 2015 when it was shut down for rebound testing. The soil vapor rebound testing indicated that all concentrations were below the respective soil vapor cleanup goals, and the cumulative soil vapor risk was evaluated and determined to be below the established risk levels. This information was presented to DTSC in the *Request for NFA of the SVE system and Site Closure* letter, dated April 20, 2016. DTSC subsequently approved the no further action (NFA) and decommissioning of the SVE system in their letter dated August 17, 2016. The SVE system was decommissioned and removed from the Site, and the eleven SVE wells and eight soil vapor monitoring points were decommissioned in December 2016.

8201 Norman Center Drive \ Suite 300 \ Bloomington, MN 55437
O 952-656-6003 \ F 952-229-2923 \ burnsmcd.com

Summary of Historical Groundwater Monitoring

There are currently eighteen groundwater monitoring wells associated with the Site, as shown on **Figure 2**. Groundwater has generally been monitored on a semi-annual basis for VOCs by United States Environmental Protection Agency (USEPA) Method 8260B, as well as natural attenuation water quality parameters. VOC concentrations at most monitoring wells are below the California EPA maximum contaminant levels (MCLs), and groundwater concentrations continue to show a decreasing trend of VOCs at all monitoring wells with detectable VOC concentrations. The primary contaminant of concern at the Site is tetrachloroethene (PCE). During the last groundwater monitoring event in March 2016, the highest PCE concentration at the Site was 12 micrograms per liter (µg/L) observed at monitoring well MW-16A. For further information regarding the groundwater monitoring schedule and historical VOC concentrations in groundwater at the Site, please refer to the *First Semi-Annual 2016 Groundwater and Soil Vapor Monitoring Report*, dated August 17, 2016.

As stated in their letter dated August 17, 2016, DTSC agreed to a decrease in groundwater monitoring frequency from a semi-annual basis to an annual basis. Therefore, the next groundwater monitoring event is scheduled for the spring of 2017. In addition, DTSC also agreed to a decrease in the number of groundwater monitoring wells to be sampled. Therefore, Burns & McDonnell is proposing an updated groundwater monitoring schedule for the Site, which includes the decommissioning of 14 groundwater monitoring wells, with four wells remaining for annual sampling. Details regarding this plan are discussed in the following paragraphs.

Groundwater Monitoring Well Decommissioning

As discussed previously, due to the relatively low and decreasing VOC concentrations observed at the Site, Burns & McDonnell is proposing to decommission the following 14 groundwater monitoring wells: MW-2, MW-7, MW-8A, MW-9A, MW-9B, MW-10B, MW-11, MW-12, MW-13A, MW-13B, MW-14, MW-16B, MW-16C, and K-1 (**Figure 2**). The monitoring well construction details for the 14 wells are included as **Table 1**, and the available historical well logs are included as **Attachment 1**.

Prior to decommissioning, Burns & McDonnell will obtain the proper well permits from the Los Angeles County Department of Public Health (DPH), as well as coordinate any necessary inspections as instructed by the DPH.

It is anticipated that Burns & McDonnell will subcontract the monitoring well decommissioning work with J. & H. Drilling Co., Inc. (J&H Drilling), a California licensed environmental drilling company. J&H Drilling intends to decommission the monitoring wells using a pressure grouting technique, as described in the procedures included as **Attachment 2**. However, these procedures

may change depending on well-specific conditions and DPH requirements. Burns & McDonnell anticipates decommissioning the monitoring wells in February or March 2017.

Annual Groundwater Monitoring

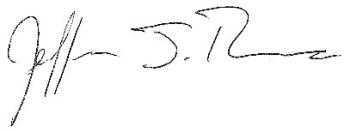
Groundwater monitoring of the following four remaining monitoring wells will continue on an annual basis: MW-3, MW-10A, MW-16A, and MW-15 (**Figure 2**). These four wells are tentatively scheduled to be sampled in March 2017 as part of the 2017 annual groundwater monitoring event. The samples will continue to be analyzed for VOCs and natural attenuation water quality parameters, and the results will be presented to DTSC in the 2017 annual groundwater monitoring report. The analytical results will be evaluated after each monitoring event, and any recommendations for further decommissioning will be presented in the annual groundwater monitoring reports.

Schedule

We plan to complete the monitoring well decommissioning in February or March 2017. The annual monitoring event will be in March 2017. Please respond with questions or your concurrence by February 10, 2017 so the work will not be delayed.

If you have any questions regarding this Summary or the Site in general, please contact Jeff Thuma at 952-656-3668 or jthuma@burnsmcd.com.

Sincerely,
Burns & McDonnell Engineering Company, Inc.



Jeffrey J. Thuma, PG (MN and WI)
Senior Hydrogeologist/Project Manager

Galen Kenoyer, Ph.D., PG (California License 8121, Exp. 2/2017)
Associate Geologist

SMR

Enclosures:

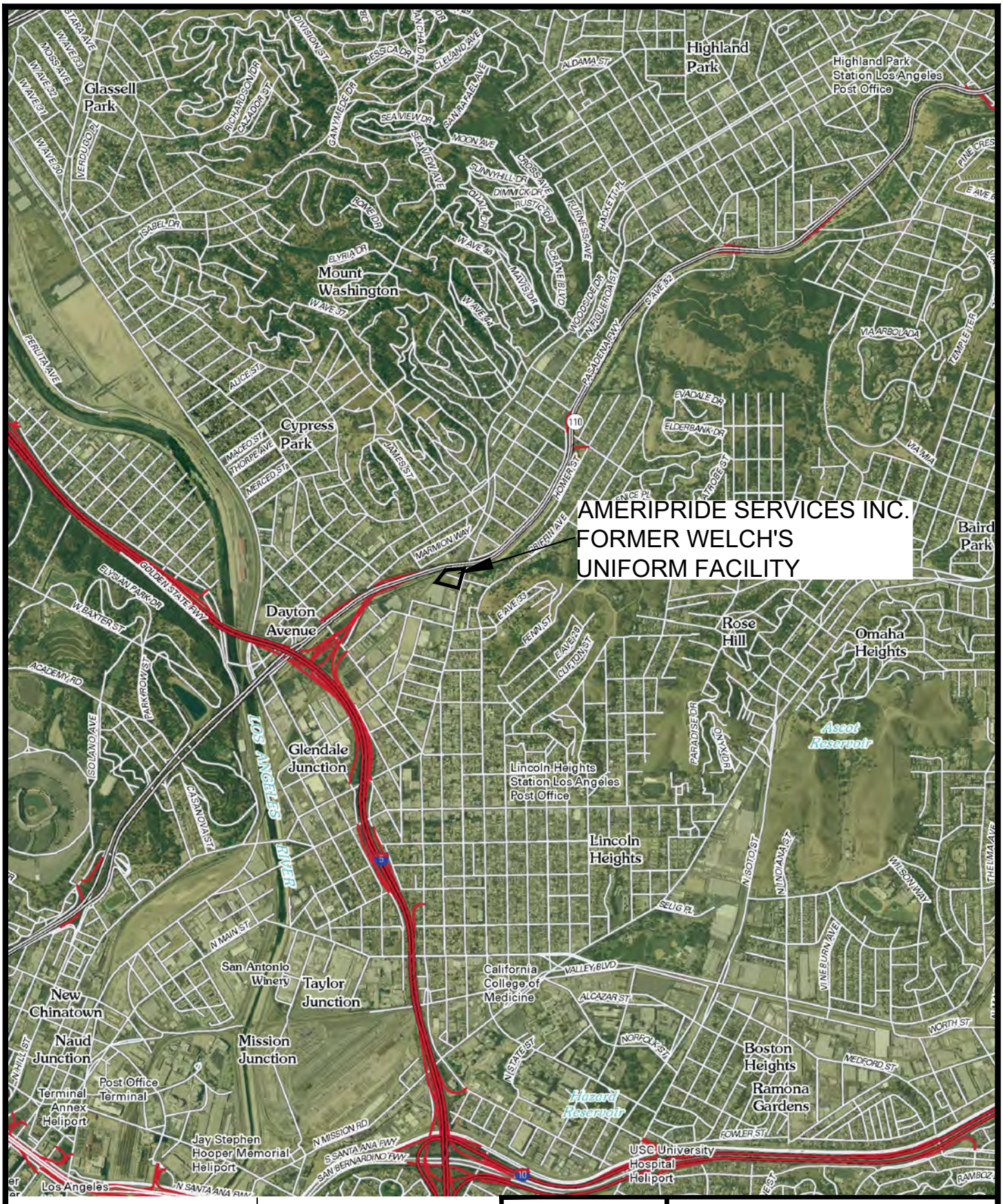
Figure 1: Site Location Map
Figure 2: Groundwater Monitoring Well Locations

Table 1: Groundwater Monitoring Well Summary

Attachment 1: Available Well Construction Logs
Attachment 2: Well Decommissioning Procedures

cc: Randy Cook – AmeriPride Services Inc.

FIGURES



N

0 2500' 5000'

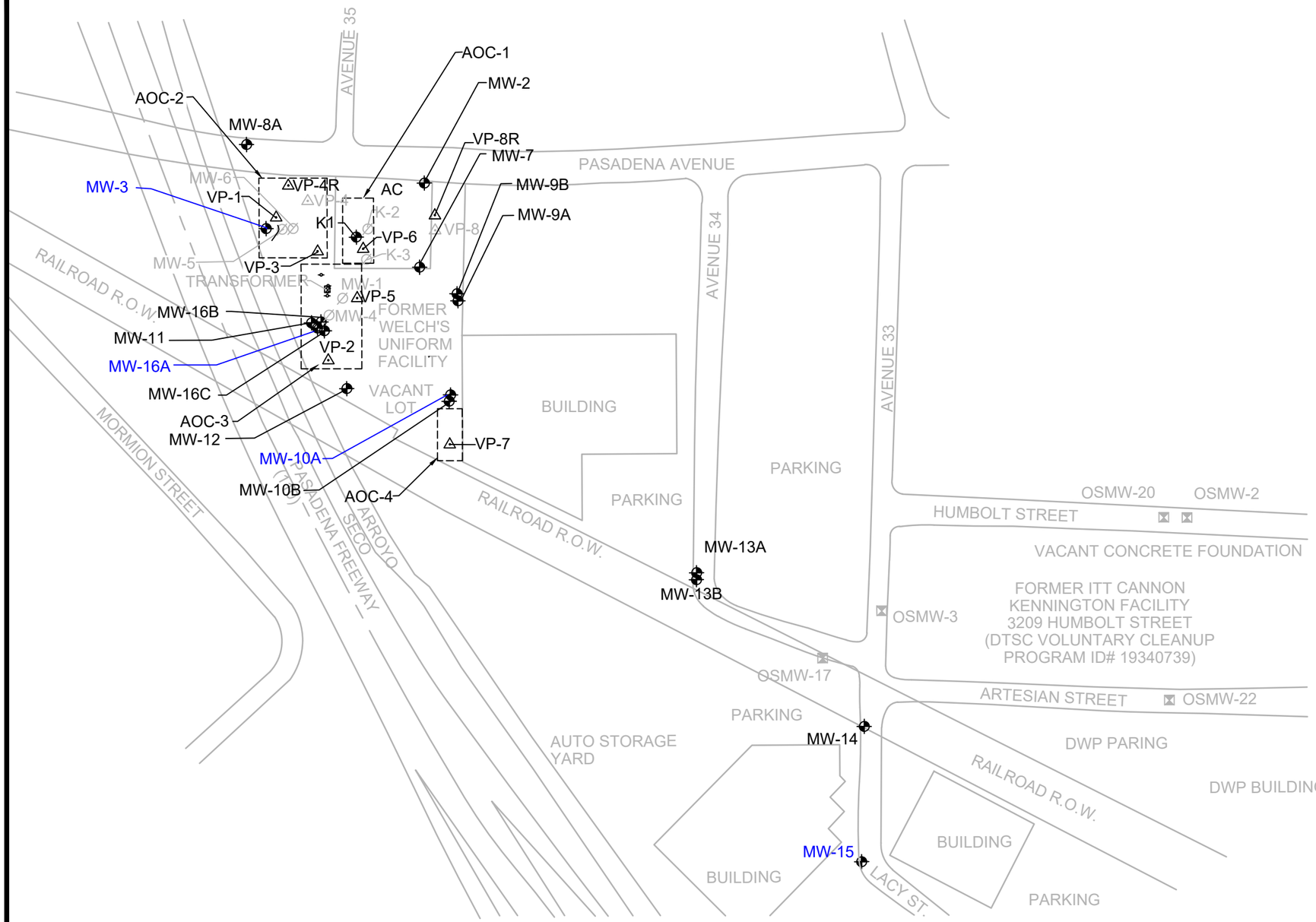
SCALE IN FEET

BURNS McDONNELL

Figure 1
SITE LOCATION MAP
AMERIPRIDE SERVICES INC.
3505 PASADENA AVENUE
LOS ANGELES, CALIFORNIA

COPYRIGHT © 2015 BURNS & McDONNELL ENGINEERING COMPANY, INC.

\\MMN-FPS-001\Data\Projects\AmeriPride\82586 Los Angeles\Cad\MSP CAD Files\65805\2015\07 JUL



LEGEND:

- MONITORING WELL
- ABANDONED/DECOMMISSIONED MONITORING WELL
- OFFSITE MONITORING WELL (APPROXIMATE LOCATION) (NOT OWNED BY AMERIPRIDE)
- SOIL VAPOR POINTS (DECOMMISSIONED DEC. 2016)
- AC — ASPHALT CONCRETE SURFACE
- SURVEYED POWER POLES
- AOC-1 — FORMER MOTOR VEHICLE FUELING AREA
- AOC-2 — FORMER DRY CLEANING AREA
- AOC-3 — FORMER DRIVEWAY AREA
- AOC-4 — SOUTHWEST CORNER OF SITE
- MW-3 — MONITORING WELL TO BE SAMPLED DURING ANNUAL MONITORING EVENTS

N

0 200' 400'

SCALE IN FEET

COPYRIGHT © 2016 BURNS & McDONNELL ENGINEERING COMPANY, INC.

BURNS McDONNELL

date JAN. 3, 2017

designed S. RYNO

FIGURE □

GROUNDWATER MONITORING WELL LOCATIONS
AMERIPRIDE SERVICES INC.
3505 PASADENA AVENUE
LOS ANGELES, CALIFORNIA

project 89698

contract AMERIPRIDE

S□ □ **FIG 0□**

\\MMN-FPS-001\Data\Projects\AmeriPride\82586 Los Angeles\Cad\MSP CAD Files\65805\2016\06 JUNE\FIG 03

TABLE 1

GROUNDWATER MONITORING WELL SUMMARY

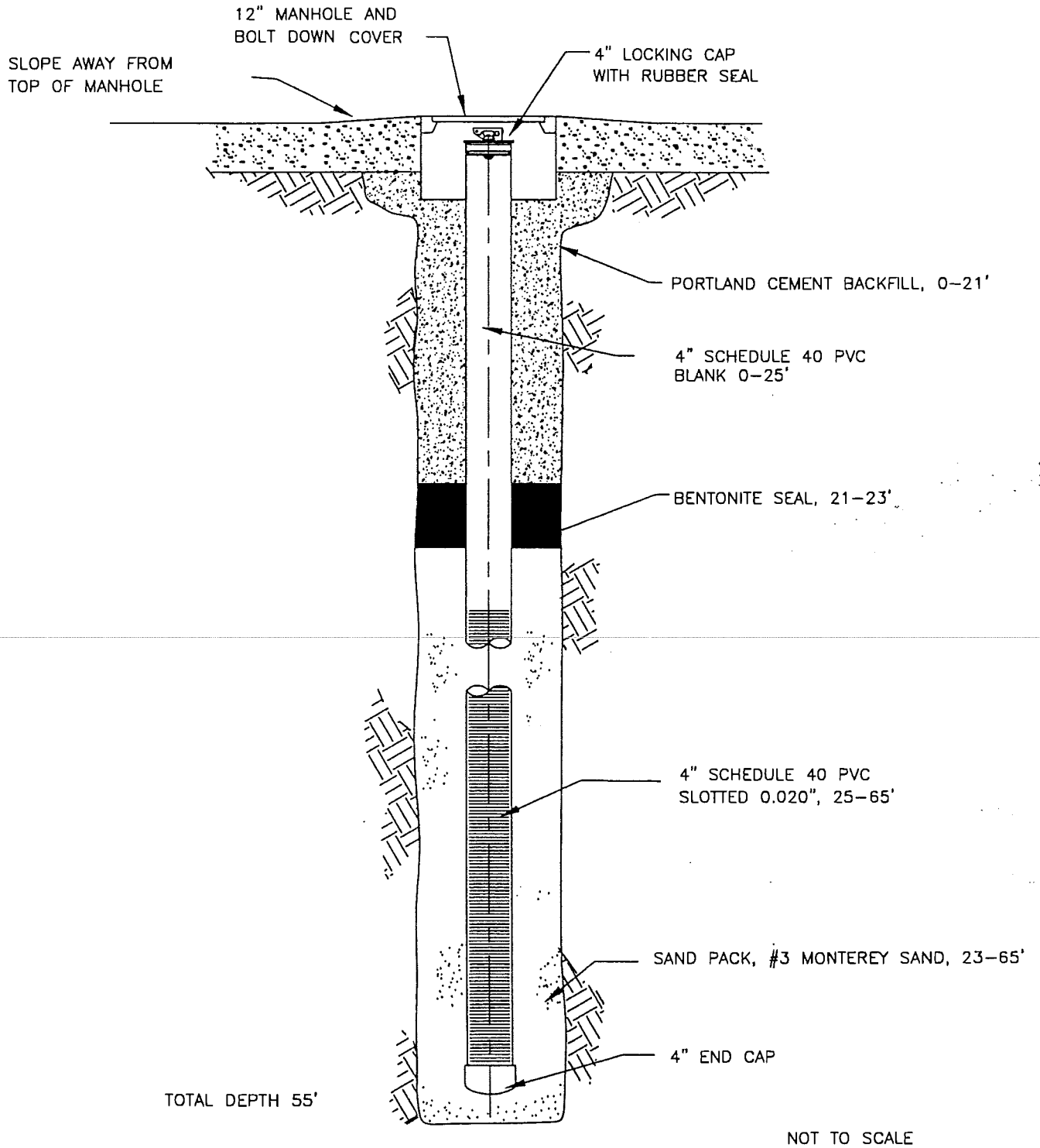
Table 1
Groundwater Monitoring Well Summary
Former Welch's Uniform Site
3505 Pasadene Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Well ID	Date Installed	Top of casing Elevation (ft msl)	Borehole Diameter (in)	Casing Diameter (in)	Slot Size (in)	Screen Interval (ft bgs)	Sand Pack (ft bgs)	Blank Interval (ft bgs)	Seal Interval (ft bgs)	Surface Seal Interval (ft bgs)	Well Log Available in Attachment 4	Notes
MW-2	12/7/88	367.75	10	4	0.02	24-69	22-69	0-24	19-22	1-19	No	
MW-7	2/6/89	364.02	10	4	0.02	25-70	23-70	0-25	20-23	1-20	No	
MW-8A	9/1/00	373.46	10	4	0.02	30-60	27-65	0-30	24-27	1-24	Yes	Well in street found paved over-9/11/14
MW-9A	11/6/89	363.81	10	4	0.02	29-59	26-59	0-29	24-26	1-24	Yes	
MW-9B	11/7/89	363.76	10	4	0.02	58-89	55.5-89	0-58	53.5-55.5	1-53.5	Yes	Retrofit well monument-12/21/09
MW-10B	11/8/89	364.22	10	4	0.02	59-89	49.5-89	0-59	47-49.5	1-47	Yes	Retrofit well monument-12/21/09
MW-11	8/28/00	367.45	10	4	0.02	25-55	22-55	0-25	19-22	1-19	Yes	Well restored to service 09/04/08
MW-12	8/29/00	365.76	10	4	0.02	25-55	21-55	0-25	18-21	1-19	Yes	Well restored to service 09/04/08
MW-13A	8/30/00	360.06	10	4	0.02	32-62	29-64	0-32	26-29	1-26	Yes	Retrofit well monument-12/21/09
MW-13B	8/31/00	360.27	10	4	0.02	70-90	68-96	0-70	65-68	2.5-65	Yes	Retrofit well monument-12/21/09
MW-14	9/5/02	356.67	10	4	0.02	35-55	33-55	0-35	29-33	2-29	Yes	
MW-16B	4/10/06	365.61	10	4	0.02	59-69	57-69.5	0-59	49-57	1-49	Yes	
MW-16C	4/11/06	365.10	10	4	0.02	83-93	80-95	0-83	70-80	1-70	Yes	
K-1	1987	367.77	---	4		??-69	---	---	---	---	No	2-inch reducer

Notes:
ft msl Feet as referenced to mean sea level
ft bgs Feet below ground surface

ATTACHMENT 1

AVAILABLE WELL CONSTRUCTION LOGS



CET Environmental Services, Inc.	WELL DIAGRAM MW-8A	FIGURE
DRAWING: GWS–WELL.DWG	FORMER AMERIPRIDE LOS ANGELES, CALIFORNIA	x
PROJECT NO. 2497		

CAPE ENVIRONMENTAL MANAGEMENT I N C

14761 BENTLEY CIRCLE
TUSTIN, CA. 92780
PHONE (714) 505-1800
FAX: (714) 505-0987

PROJECT NAME: AMERIPRIDE SERVICES, INC. - LOS ANGELES, CA

PROJECT NUMBER: 02497.001.002 | BORING ID.: MW-8A

LOGGED BY: | CHECKED BY: P. Sones | LOCATION: on Pasadena Ave, south of bridge

ELEVATION: 373.40' | WATER LEVEL: 41' bgs | X COORDINATE: 9972.99 | Y COORDINATE: 10150.67

DATE START: 09-01-00 | DATE FINISHED: 09-01-00 | DEPTH: 65.00 ft. | BOREHOLE DIA.: 10

DRILLING EQUIPMENT: Water Development Corp. - Star 2000 30K Air Rotary

SAMPLING METHOD: grab samples from air rotary discharge

NOTES: Set 4" sch 40 PVC; blank-0-30' bgs, slotted-30-60' bgs, backfilled with; #3 montrey sand-27-65' bgs, bentonite chip-24-27' bgs, bentonite concrete-1-24' bgs, traffic box-0-1' bgs

ELEVATION (FT)	DEPTH (FT)	RECOVERY	BLOW COUNT	FID 108 VAPOR READING (ppm)	GRAPHIC LOG	USCS CODE	MATERIAL DESCRIPTION	BOREHOLE COMPLETION
				0		SP	4" asphalt over 6" concrete	
369	5			0			SAND: fine to medium grained, slightly moist, NO HYDROCARBON ODOR	
364	10			0			SAND AND GRAVEL: 1/4 inch to 1 inch diameter, slightly moist	
359	15			0			SAND: medium grained, slightly moist, added 20' of casing	
354	20			0		GP	SAND: medium to coarse grained, slightly moist	
				0			GRAVEL: 1/4 inch to 2" in diameter, slightly moist, some medium to coarse grained sand	
349	25			0		SP	SAND: fine to medium grained, slightly moist, some gravel	

PROJECT NAME: AMERIPRIDE SERVICES, INC. - LOS ANGELES, CA | PROJECT NUMBER: 02497.001.002 | BORING ID.: MW-8A

ELEVATION (FT.)	DEPTH (FT.)	RECOVERY	BLOW COUNT	FID 108 VAPOR READING (ppm)	GRAPHIC LOG	USCS CODE	MATERIAL DESCRIPTION	BOREHOLE COMPLETION
				0			SAND: as above	
				0				
				0			SAND: fine to medium grained, some coarse, some gravel, slightly moist	
339	35			0			SAND: as above boring dry @36' bgs	
334	40			0		SW GW	SAND WITH GRAVEL: fine to medium grained sand, some coarse, some gravel up to 2" diameter, very moist SAND AND GRAVEL: as above, wet	
				0		SP		
329	45			0			GRAVEL: up to 2-1/2 inch diameter, little coarse grained sand, wet	
324	50			0			GRAVEL: as above	
319	55			0			GRAVEL: up to 3 inch in diameter, some coarse grained sand, wet	
				0			GRAVEL: up to 2 inch in diameter, some coarse grained sand, wet	
314	60			0			GRAVEL AND SAND: up to 1-1/2 inch diameter gravel, some coarse grained sand, wet	
				0				
309	65						GRAVEL AND SAND: gravel up to 1-1/2 inch diameter, some medium to coarse grained sand, wet Total depth 65 feet bgs	
304	70							

WELL CONSTRUCTION	CHEMICAL ANALYSES Laboratory	CHEMICAL ANALYSES Field	BLOW COUNT	DEPTH (feet)	SAMPLE INTERVAL	SAMPLE NUMBER	LITHOLOGY SYMBOL	U.S.C.S. DESIGN.	SOIL DESCRIPTION
				0					2" ASPHALT
								SP	
				5					Brown, medium to coarse sand with trace fine gravels, moist
				10					Tan, medium to coarse sand with gravels and cobbles, slightly moist, dense
Blank PVC pipe with cement backfill				15					Reddish brown, medium to coarse sand with fine gravels, moist, very dense
				20					Same as above with coarse gravels
				25					

Surface Elevation: 363.9 feet
Total Depth: 59.0 feet
Date Drilled: November 6, 1989

Logged By: PETER FRANK
Supervised By: FRITZ REIMERS
Diameter of Boring: 10" inches
Water Encountered at: feet

THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"

WELCH'S UNIFORM RENTAL CO., L.A.
LOG of BORING
MW-9A

PLATE 2

Project Number 1E-1021 May 1990

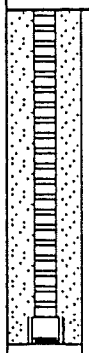
WELL CONSTRUCTION	CHEMICAL ANALYSES Laboratory	CHEMICAL ANALYSES Field	BLOW COUNT	DEPTH (feet)	SAMPLE INTERVAL	SAMPLE NUMBER	LITHOLOGY SYMBOL	U.S.C.S. DESIGN.	SOIL DESCRIPTION
Bentonite plug								SP	Light reddish brown medium sand with fine to coarse gravel and cobbles, moist
				30					Same as above
				35					Gray, medium to coarse sand with fine gravel, moist GROUNDWATER ENCOUNTERED AT 36'
				40				GP	Fine to coarse gravel and cobbles with coarse sand, saturated
Slotted PVC pipe with sand backfill				45				SP	Olive gray, medium to coarse sand with fine to coarse gravel, saturated
				50					Same as above

THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"

Project Number 1E-1021 May 1990

WELCH'S UNIFORM RENTAL CO., L.A.
LOG of BORING
MW-9A

PLATE 2

WELL CONSTRUCTION	CHEMICAL ANALYSES Laboratory	CHEMICAL ANALYSES Field	BLOW COUNT	DEPTH (feet)	SAMPLE INTERVAL	SAMPLE NUMBER	LITHOLOGY SYMBOL	U.S.C.S. DESIGN.	SOIL DESCRIPTION
				55					Olive gray, medium to coarse sand with fine gravel, saturated Boring completed at 59'

THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"

Project Number 1E-1021 May 1990

WELCH'S UNIFORM RENTAL CO., L.A.
LOG of BORING
MW-9A

PLATE
2

WELL CONSTRUCTION	CHEMICAL ANALYSES Laboratory	CHEMICAL ANALYSES Field	BLOW COUNT	DEPTH (feet)	SAMPLE INTERVAL	SAMPLE NUMBER	LITHOLOGY SYMBOL	U.S.C.S. DESIGN.	SOIL DESCRIPTION
				0					2" ASPHALT
								SP	
				5					Brown, medium to coarse sand with gravel, slightly moist
				10					Brown, medium to coarse sand with gravels and cobbles, slightly moist
Blank PVC pipe with cement backfill				15					Reddish brown, coarse sand with coarse gravels, moist
				20					Same as above
				25					

Surface Elevation: 363.9 feet
Total Depth: 89.0 feet
Date Drilled: November 7, 1989

Logged By: PETER FRANK
Supervised By: FRITZ REIMERS
Diameter of Boring: 10" inches
Water Encountered at: feet

THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"

Project Number 1E-1021 May 1990

WELCH'S UNIFORM RENTAL CO., L.A.
LOG of BORING
MW-9B

PLATE 3

WELL CONSTRUCTION	CHEMICAL ANALYSES Laboratory	CHEMICAL ANALYSES Field	BLOW COUNT	DEPTH (feet)	SAMPLE INTERVAL	SAMPLE NUMBER	LITHOLOGY SYMBOL	U.S.C.S. DESIGN.	SOIL DESCRIPTION
									Reddish brown, medium to coarse sand with fine to coarse gravels, moist
				30					Gray, medium to coarse sand with fine to coarse gravels, moist
				35					GROUNDWATER ENCOUNTERED AT APPROXIMATELY 36'
Blank PVC pipe with cement backfill				40					
				45					Olive gray, medium to coarse sand with medium to coarse gravel, saturated
				50					Same as above

THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"

Project Number 1E-1021 May 1990

WELCH'S UNIFORM RENTAL CO., L.A.
LOG of BORING
MW-9B

PLATE 3

WELL CONSTRUCTION	CHEMICAL ANALYSES Laboratory	CHEMICAL ANALYSES Field	BLOW COUNT	DEPTH (feet)	SAMPLE INTERVAL	SAMPLE NUMBER	LITHOLOGY SYMBOL	U.S.C.S. DESIGN.	SOIL DESCRIPTION
Bentonite p;lug				55				SM	Brown, silty fine sand, very dense, saturated
				60				SP	Reddish brown, medium to coarse sand with fine to coarse gravel, saturated
				65					Grading with lenses of olive gray, fine sandy sily, saturated
Slotted PVC pipe with sand backfill				70					Gray and brown, coarse sand with fine gravels and cobbles, saturated
				75					Reddish brown, medium to coarse sand with fine gravel, saturated
								SM	Grading to reddish brown, fine sand, moist
				80					Reddish brown, silty fine sand
								TS	Bedrock- brown siltstone

THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"

Project Number 1E-1021 May 1990

WELCH'S UNIFORM RENTAL CO., L.A.
LOG of BORING
MW-9B

PLATE
3

WELL CONSTRUCTION	CHEMICAL ANALYSES Laboratory	CHEMICAL ANALYSES Field	BLOW COUNT	DEPTH (feet)	SAMPLE INTERVAL	SAMPLE NUMBER	LITHOLOGY SYMBOL	U.S.C.S. DESIGN.	SOIL DESCRIPTION
								TS	Bedrock, brown siltstone
				85					Alternating beds of fine gray sandstone, siltstone
									Boring completed at 89'

WELL CONSTRUCTION	CHEMICAL ANALYSES Laboratory	CHEMICAL ANALYSES Field	BLOW COUNT	DEPTH (feet)	SAMPLE INTERVAL	SAMPLE NUMBER	LITHOLOGY SYMBOL	U.S.C.S. DESIGN.	SOIL DESCRIPTION
				0					2" ASPHALT
								SP	
				5					Brown, fine to coarse sand with coarse gravel, moist
				10					Reddish brown, medium to coarse sand with fine to coarse gravel, moist
Blank PVC pipe with cement backfill				15					
				20					
				25					

Surface Elevation: 364.3 feet
Total Depth: 89.0 feet
Date Drilled: November 8, 1989

Logged By: PETER FRANK
Supervised By: FRITZ REIMERS
Diameter of Boring: 10" inches
Water Encountered at: feet

THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"

Project Number 1E-1021 May 1990

WELCH'S UNIFORM RENTAL CO., L.A.
LOG of BORING
MW-10B

PLATE 5

WELL CONSTRUCTION	CHEMICAL ANALYSES Laboratory	CHEMICAL ANALYSES Field	BLOW COUNT	DEPTH (feet)	SAMPLE INTERVAL	SAMPLE NUMBER	LITHOLOGY SYMBOL	U.S.C.S. DESIGN.	SOIL DESCRIPTION
								SP	Brown, coarse sand with fine to coarse gravel and cobbles, slightly moist
				30					
				35					Olive dark gray, medium to coarse sand with fine to coarse gravels and cobbles
Blank PVC pipe with cement backfill									GROUNDWATER ENCOUNTERED AT APPROXIMATELY 38'
				40					Reddish brown, medium to coarse sand, very moist
				45					
Bentonite plug									
				50					

THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"

Project Number 1E-1021 May 1990

WELCH'S UNIFORM RENTAL CO., L.A.
LOG of BORING
MW-10B

PLATE 5

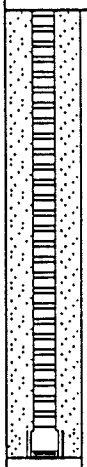
WELL CONSTRUCTION	CHEMICAL ANALYSES Laboratory	CHEMICAL ANALYSES Field	BLOW COUNT	DEPTH (feet)	SAMPLE INTERVAL	SAMPLE NUMBER	LITHOLOGY SYMBOL	U.S.C.S. DESIGN.	SOIL DESCRIPTION
				55				SP	Reddish brown, medium to coarse sand with fine gravel, saturated
				60					
				65					Reddish brown, medium to coarse sand with fine to coarse gravel, saturated
Slotted PVC pipe with sand backfill				70				SM	Reddish brown, silty fine to coarse sand, very moist
				75					Reddish brown, silty fine sand, saturated
				80				ML	Reddish brown, fine sandy silt, saturated

THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"

Project Number 1E-1021 May 1990

WELCH'S UNIFORM RENTAL CO., L.A.
LOG of BORING
MW-10B

PLATE 5

WELL CONSTRUCTION	CHEMICAL ANALYSES Laboratory	CHEMICAL ANALYSES Field	BLOW COUNT	DEPTH (feet)	SAMPLE INTERVAL	SAMPLE NUMBER	LITHOLOGY SYMBOL	U.S.C.S. DESIGN.	SOIL DESCRIPTION
				85				TS	Bedrock- redish brown sandstone Boring completed at 89'

THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"

Project Number 1E-1021 May 1990

WELCH'S UNIFORM RENTAL CO., L.A.
LOG of BORING
MW-10B

PLATE
5
Page 4of 4

CAPE ENVIRONMENTAL MANAGEMENT I N C

14761 BENTLEY CIRCLE
TUSTIN, CA. 92780
PHONE (714) 505-1800
FAX: (714) 505-0987

PROJECT NAME: AMERIPRIDE SERVICES, INC. - LOS ANGELES, CA

PROJECT NUMBER: 02497.001.002 | BORING ID.: MW-11

LOGGED BY: | CHECKED BY: P. Sones | LOCATION: south of fenceline, 20' east of MW-4

ELEVATION: 363.78' | WATER LEVEL: 36.6' BGS | X COORDINATE: 9663.64 | Y COORDINATE: 10037.27

DATE START: 08-28-00 | DATE FINISHED: 08-29-00 | DEPTH: 56.00 ft. | BOREHOLE DIA.: 10

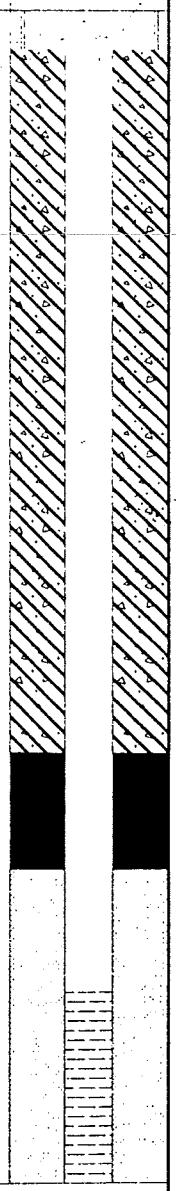
DRILLING EQUIPMENT: Water Development Corp. - Star 2000 30K Air Rotary

SAMPLING METHOD: grab samples from air rotary discharge

NOTES: Set 4" sch 40 PVC; blank-0-25' bgs, slotted-25-55' bgs, backfilled with; #3 montrey sand-22-66' bgs, bentonite chip-19-22' bgs, bentonite concrete-1-19' bgs, traffic box-0-1' bgs

ELEVATION (FT)	DEPTH (FT)	RECOVERY	BLOW COUNT	FID 108 VAPOR READING (ppm)	GRAPHIC LOG	USCS CODE	MATERIAL DESCRIPTION
						SW	Dirt surface
				0		GW	SAND WITH GRAVEL: up to 1 inch diameter, slightly moist
359	5			0			
354	10			0			SAND WITH GRAVEL: up to 1 inch diameter, slightly moist
349	15			0			SAND WITH GRAVEL: up to 1-1/2 inch diameter, slightly moist
344	20			0			SAND WITH GRAVEL: up to 1 inch diameter, slightly moist
339	25			8			SAND WITH GRAVEL: up to 1 inch diameter, slightly moist
				30			

BOREHOLE COMPLETION



PROJECT NAME: AMERIPRIDE SERVICES, INC. - LOS ANGELES, CA	PROJECT NUMBER: 02497.001.002	BORING ID.: MW-11

ELEVATION (FT.)	DEPTH (FT.)	RECOVERY	BLOW COUNT	FID 108 VAPOR READING (ppm)	GRAPHIC LOG	USCS CODE	MATERIAL DESCRIPTION	BOREHOLE COMPLETION
							SAND AND GRAVEL: moist	
							SAND AND GRAVEL: moist	
329	35			0			SAND AND GRAVEL: wet	
324	40			0			SAND WITH GRAVEL: up to 1 inch diameter, wet	
319	45			0			SAND WITH GRAVEL: up to 1-1/2 inch diameter, wet	
314	50			0			SAND WITH GRAVEL: up to 1-1/2 inch diameter, wet	
309	55			0			SAND WITH GRAVEL: up to 1 inch diameter, wet	
							Total depth 56 feet bgs	
304	60							
299	65							
294	70							

CAPE ENVIRONMENTAL MANAGEMENT I N C

14761 BENTLEY CIRCLE
TUSTIN, CA. 92780
PHONE (714) 505-1800
FAX: (714) 505-0987

PROJECT NAME: AMERIPRIDE SERVICES, INC. - LOS ANGELES, CA

PROJECT NUMBER: 02497.001.002 | BORING ID.: MW-12

LOGGED BY: | CHECKED BY: P. Sones | LOCATION: south of arc of fence line

ELEVATION: 363.55' | WATER LEVEL: 36.81' | X COORDINATE: 9549.66 | Y COORDINATE: 9976.09

DATE START: 08-29-00 | DATE FINISHED: 08-29-00 | DEPTH: 55.00 ft. | BOREHOLE DIA.: 10

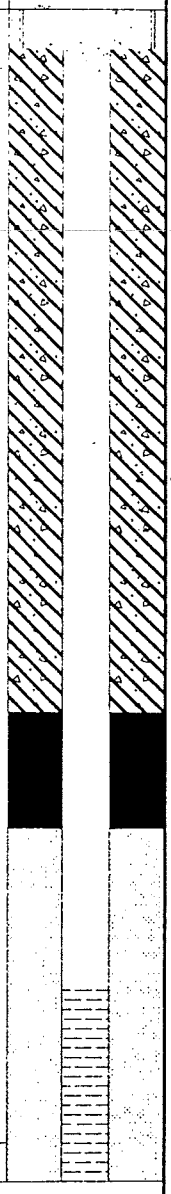
DRILLING EQUIPMENT: Water Development Corp. - Star 2000 30K Air Rotary

SAMPLING METHOD: grab samples from air rotary discharge

NOTES: Set 4" sch 40 PVC; blank-0-25' bgs, slotted-25-55' bgs, backfilled with; #3 montrey sand-21-55' bgs, bentonite chip-18-21' bgs, bentonite concrete-1-18' bgs, traffic box-0-1' bgs

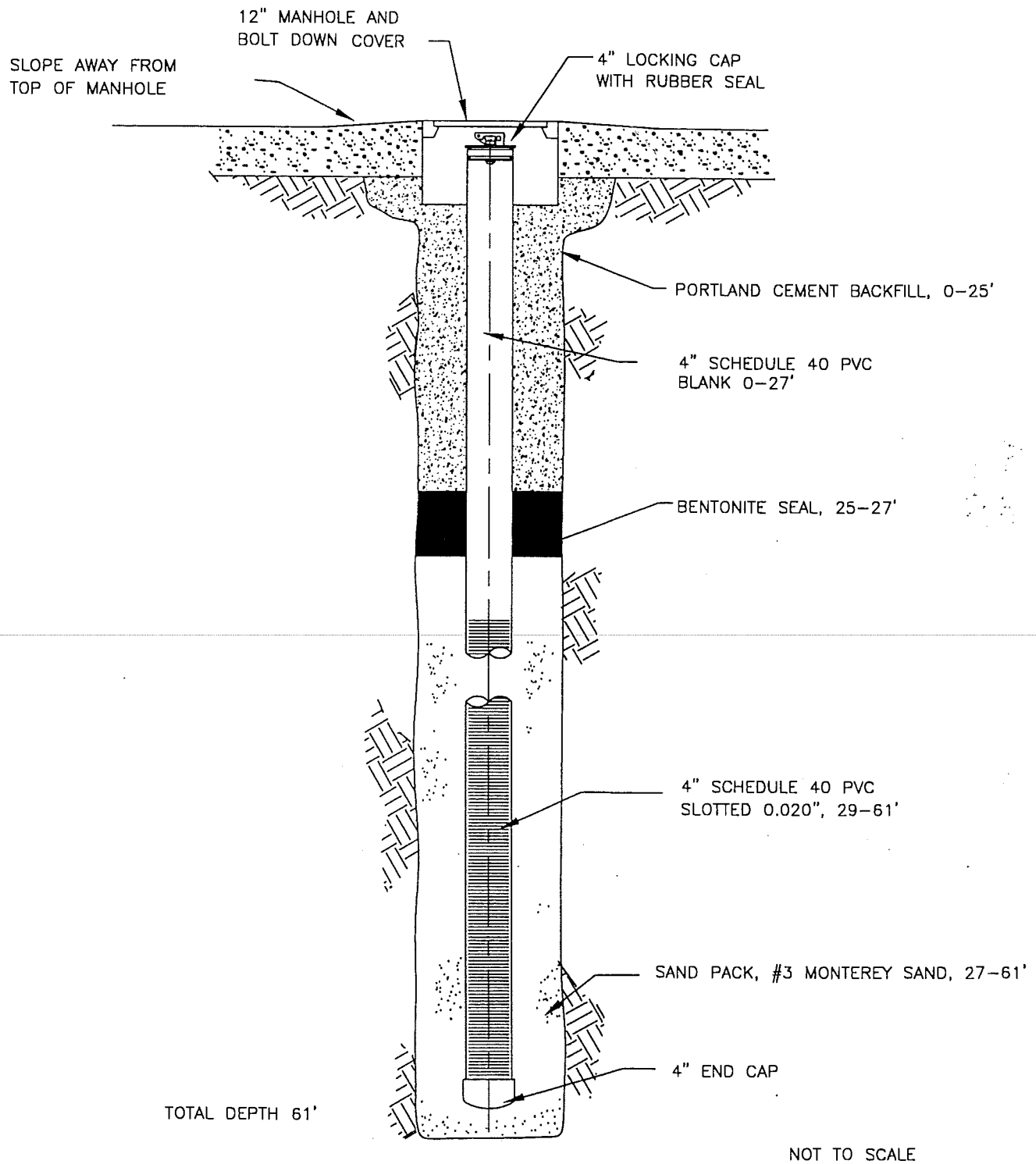
ELEVATION (FT)	DEPTH (FT)	RECOVERY	BLOW COUNT	FID 108 VAPOR READING (ppm)	GRAPHIC LOG	USCS CODE	MATERIAL DESCRIPTION
						SW	Dirt surface
359	5			0			SAND: with little gravel up to 1 inch diameter, slightly moist
354	10			0			SAND: with trace of gravel up to 1 inch diameter, slightly moist
349	15			0			SAND: trace gravel, slightly moist
344	20			0			SAND: trace gravel, slightly moist
339	25			0			SAND: little gravel, slightly moist
						SW	

BOREHOLE COMPLETION



PROJECT NAME: AMERIPRIDE SERVICES, INC. - LOS ANGELES, CA | PROJECT NUMBER: 02497.001.002 | BORING ID.: MW-12

ELEVATION (FT.)	DEPTH (FT.)	RECOVERY	BLOW COUNT	FID 108 VAPOR READING (ppm)	GRAPHIC LOG	USCS CODE	MATERIAL DESCRIPTION	BOREHOLE COMPLETION
				0		GW	SAND AND GRAVEL: gravel up to 1-1/2 inch diameter, moist	
329	35			2			SAND AND GRAVEL: gravel up to 1 inch diameter, moist	
324	40			0			SAND AND GRAVEL: gravel up to 1-1/2 inch diameter, wet	
319	45			0			SAND AND GRAVEL: gravel up to 1 inch diameter, wet	
314	60			0			SAND AND GRAVEL: gravel up to 1 inch diameter, wet	
309	55			0			SAND AND GRAVEL: gravel up to 1-1/2 inch diameter, wet	
							Total depth 55 feet bgs	
304	60							
299	65							
294	70							



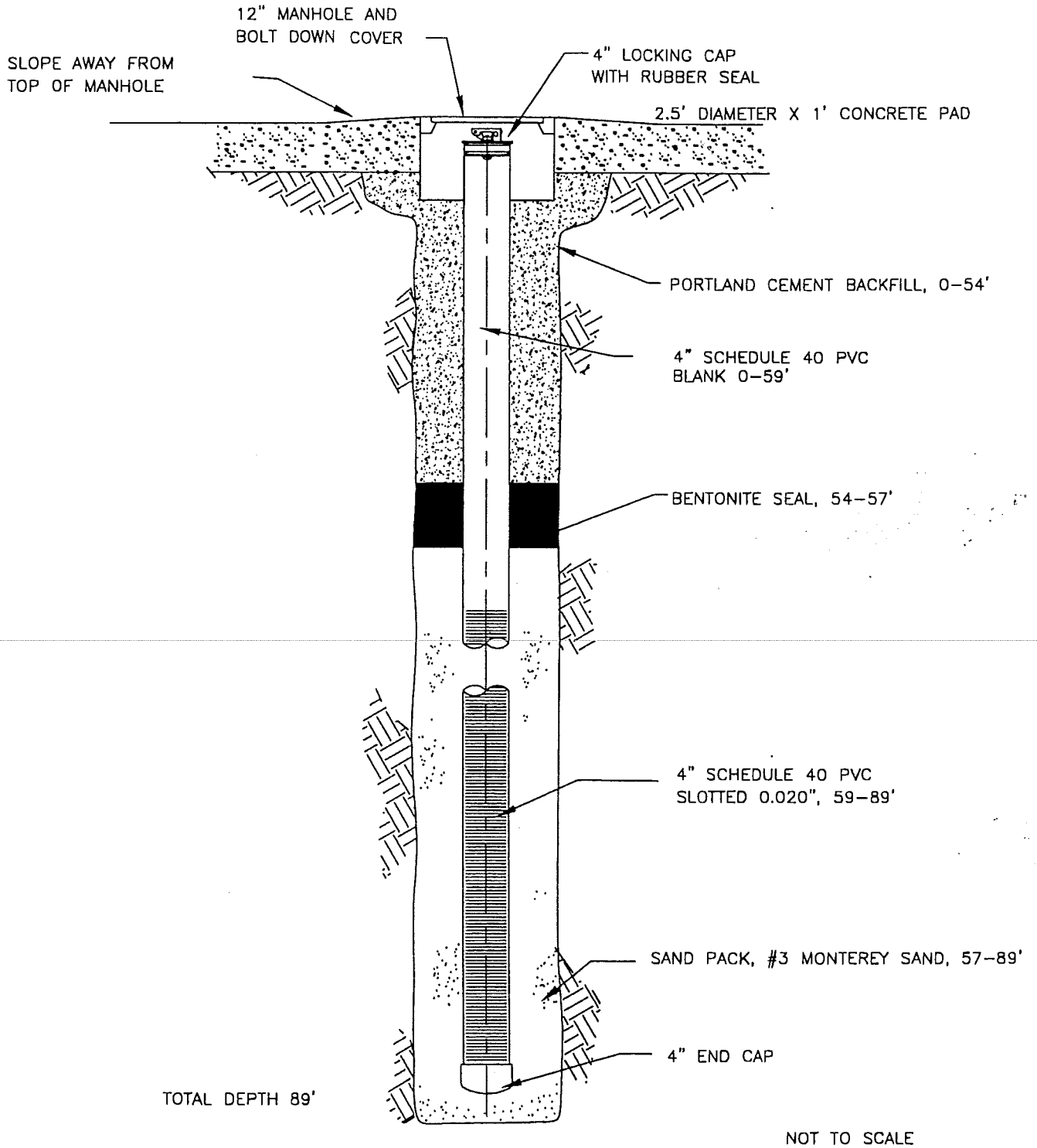
CET Environmental Services, Inc.	WELL DIAGRAM MW-13A	FIGURE
DRAWING: GW–WELL.DWG	FORMER AMERIPRIDE LOS ANGELES, CALIFORNIA	x
PROJECT NO. 2497		

CAPE ENVIRONMENTAL MANAGEMENT I N C	14761 BENTLEY CIRCLE TUSTIN, CA. 92780 PHONE (714) 505-1800 FAX: (714) 505-0987	PROJECT NAME: AMERIPRIDE SERVICES, INC. - LOS ANGELES, CA	
		PROJECT NUMBER: 02497.001.002	BORING ID.: MW-13A
LOGGED BY:	CHECKED BY: P. Sones	LOCATION: on W Avenue 34, east of MW-13B	
ELEVATION: 359.95'	WATER LEVEL: 42' bgs	X COORDINATE: 9246.26	Y COORDINATE: 9386.95
DATE START: 08-30-00	DATE FINISHED: 08-30-00	DEPTH: 64.00 ft.	BOREHOLE DIA.: 10
DRILLING EQUIPMENT: Water Development Corp. - Star 2000 30K Air Rotary		NOTES: Set 4" sch 40 PVC; blank-0-32' bgs, slotted-32-62' bgs, backfilled with; #3 montrey sand-29-64' bgs, bentonite chip-26-29' bgs, bentonite concrete-1-26' bgs, traffic box-0-1' bgs	
SAMPLING METHOD: grab samples from air rotary discharge			

ELEVATION (FT)	DEPTH (FT)	RECOVERY	BLOW COUNT	FID 108 VAPOR READING (ppm)	GRAPHIC LOG	USCS CODE	MATERIAL DESCRIPTION	BOREHOLE COMPLETION
				0		SW	6" asphalt surface	
355	5			0			SAND: fine to medium grained, slightly moist	
350	10			0			SAND: medium to coarse grained, slightly moist	
345	15			0			SAND AND GRAVEL: medium to coarse grained sand, gravel up to 1 inch diameter, slightly moist	
340	20			0			SAND: medium to coarse grained, slightly moist	
335	25			0			SAND: and little gravel, medium to coarse grained, slightly moist	

PROJECT NAME: AMERIPRIDE SERVICES, INC. - LOS ANGELES, CA | PROJECT NUMBER: 02497.001.002 | BORING ID.: MW-13A

ELEVATION (FT.)	DEPTH (FT.)	RECOVERY	BLOW COUNT	FID 108 VAPOR READING (ppm)	GRAPHIC LOG	USCS CODE	MATERIAL DESCRIPTION	BOREHOLE COMPLETION
				0			SAND: little gravel, medium to coarse grained, gravel up to 1 inch diameter, slightly moist	
325	35			0		SW GW	SAND AND GRAVEL: medium to coarse grained, gravel up to 1 1/2" in diameter, slightly moist	
320	40			0			SAND AND LITTLE GRAVEL: medium to coarse grained, moist	
				0				
315	45			0			SAND AND LITTLE GRAVEL: medium to coarse grained, gravel up to 1 inch diameter	
310	50			0			SAND AND LITTLE GRAVEL: medium to coarse grained, gravel up to 1 1/2 inch diameter	
305	55			0			SAND AND LITTLE GRAVEL: medium to coarse grained, wet	
300	60			0			SAND AND LITTLE GRAVEL: medium to coarse grained, gravel up to 1 1/2 inch diameter	
				0				
295	65						Total depth 64 feet bgs	
290	70							



CET Environmental Services, Inc.	WELL DIAGRAM MW-13B	FIGURE
DRAWING: GW–WELL.DWG	FORMER AMERIPRIDE LOS ANGELES, CALIFORNIA	x
PROJECT NO. 2497		

CAPE ENVIRONMENTAL MANAGEMENT I N C	14761 BENTLEY CIRCLE TUSTIN, CA. 92780 PHONE (714) 505-1800 FAX: (714) 505-0987	PROJECT NAME: AMERIPRIDE SERVICES, INC. - LOS ANGELES, CA	
		PROJECT NUMBER: 02497.001.002	BORING ID.: MW-13B
LOGGED BY:	CHECKED BY: P. Sones	LOCATION: on W Avenue 34, west of MW-13A	
ELEVATION: 360.11'	WATER LEVEL: approx. 42' bgs	X COORDINATE: 9237.55	Y COORDINATE: 9386.95
DATE START: 08-31-00	DATE FINISHED: 08-31-00	DEPTH: 96.00 ft.	BOREHOLE DIA.: 10
DRILLING EQUIPMENT: Water Development Corp. - Star 2000 30K Air Rotary		NOTES: Set 4" sch 40 PVC; blank-0-70' bgs, slotted-70-90' bgs, backfilled with; #3 montrey sand-68-96' bgs, bentonite chip-65-68' bgs, bentonite concrete-2.5-65' bgs, concrete-1-2.5' bgstraffic box-0-1' bgs	
SAMPLING METHOD: grab samples from air rotary discharge			

ELEVATION (FT)	DEPTH (FT)	RECOVERY	BLOW COUNT	FID 108 VAPOR READING (ppm)	GRAPHIC LOG	USCS CODE	MATERIAL DESCRIPTION	BOREHOLE COMPLETION
						SP	4" asphalt	
				0			SAND: with some gravel, 1/2 to 3/4 inch diameter, dry, NO ODOR	
355	5							
350	10							
345	15			0			MEDIUM TO COARSE SAND: with some gravel, dry, gravel to 3/8 to 1 inch diameter, angular, NO ODOR	
340	20							
335	25			0			COARSE GRAVELLY SAND: gravel diameter to 3/4 inch, rounded, dry to slightly moist, NO ODOR	

PROJECT NAME: AMERIPRIDE SERVICES, INC. - LOS ANGELES, CA	PROJECT NUMBER: 02497.001.002	BORING ID.: MW-13B

ELEVATION (FT.)	DEPTH (FT.)	RECOVERY	BLOW COUNT	FID 108 VAPOR READING (ppm)	GRAPHIC LOG	USCS CODE	MATERIAL DESCRIPTION	BOREHOLE COMPLETION
				0			MEDIUM SAND: trace gravel to 1/2 inch diameter, dry, NO ODOR	
				0			GRAVELLY SAND: gravel to 1/4 inch diameter, dry, NO ODOR	
325	35						MEDIUM TO COARSE SAND: no gravel	
				0				
				0			GRAVELLY COARSE SAND TO FINE SAND: gravel to 1/4 inch diameter, dry, NO ODOR	
320	40						COARSE TO MEDIUM SAND: with some gravel to 3/4 inch diameter, angular to subrounded, dry to slightly moist, NO ODOR	
					▽		adding water to borehole	▽
315	45			0			SAND: with trace gravel to 3/8 inch	
310	50			0			SAND: with trace gravel to 1/2 inch diameter	
305	55			0			same as above	
300	60			0			same as above	
295	65			0			same as above	
290	70							

PROJECT NAME: AMERIPRIDE SERVICES, INC. - LOS ANGELES, CA | PROJECT NUMBER: 02497.001.002 | BORING ID.: MW-13B

ELEVATION (FT.)	DEPTH (FT.)	RECOVERY	BLOW COUNT	FID 108 VAPOR READING (ppm)	GRAPHIC LOG	USCS CODE	MATERIAL DESCRIPTION	BOREHOLE COMPLETION
285	75			0			MEDIUM SAND: with some gravel to 1/4 inch diameter, saturated, NO ODOR	
280	80						lots of water zone @ approx. 80'	
						GP		
275	85			0			SANDY GRAVEL: diameter to 1 inch, saturated	
						ML	SILT: with some fine sand, slurry in hopper	
270	90							
265	95							
							Total depth 96 feet bgs	
260	100							
255	105							
250	110							

CAPE ENVIRONMENTAL MANAGEMENT I N C
2823 McGAW AVENUE
IRVINE, CA 92614
PHONE: (949) 474-3090
FAX: (949) 474-3091

PROJECT NAME: AMERIPRIDE SERVICES, INC. - LOS ANGELES, CA			
PROJECT NUMBER: 02497.001.002		BORING ID.: MW-14	
LOGGED BY:	CHECKED BY: P. Sones	LOCATION: North side of AVE 33, West of railroad tracks.	
ELEVATION:	WATER LEVEL: 41' bgs	X COORDINATE:	Y COORDINATE:
DATE START: 09-05-02	DATE FINISHED: 09-05-02	DEPTH: 55.00 ft.	BOREHOLE DIA.: 10
DRILLING EQUIPMENT: Cascade Drilling		NOTES: Set 4" sch 40 PVC; blank 0-35' bgs, slotted 35-55' bgs, backfilled with; #3 montery sand 33-55' bgs, bentonite chips 29-33' bgs, cement grout 2-29' bgs, bentonite chips 1-2' bgs, traffic box-0-1' bgs	
SAMPLING METHOD: Ca. Modified Split Spoon			

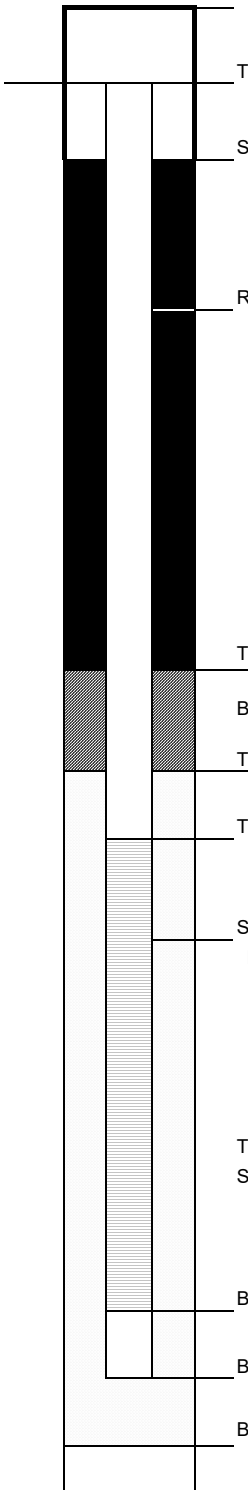
ELEVATION (FT)	DEPTH (FT)	RECOVERY	BLOW COUNT	FID 108 VAPOR READING (ppm)	GRAPHIC LOG	USCS CODE	MATERIAL DESCRIPTION	BOREHOLE COMPLETION
						SW	Hand-augered the first 5' bgs	
	5			0		SW	GRAVELLY SAND: olive (5Y 5/3), moist, very dense, medium to coarse grained sand, trace cobbles, NO HYDROCARBON ODOR	
	10			0		SW	SAME AS ABOVE, NO HYDROCARBON ODOR	
	15			0		SW	SAME AS ABOVE, NO HYDROCARBON ODOR	
	20			0		SW	GRAVELLY SAND: olive (5Y 5/3), moist, very dense, fine to coarse grained sand, trace cobbles, NO HYDROCARBON ODOR	
	25			0		SW	SAME AS ABOVE, NO HYDROCARBON ODOR	

PROJECT NAME: AMERIPRIDE SERVICES, INC. - LOS ANGELES, CA | PROJECT NUMBER: 02497.001.002 | BORING ID.: MW-14

ELEVATION (FT.)	DEPTH (FT.)	RECOVERY	BLOW COUNT	FID 108 VAPOR READING (ppm)	GRAPHIC LOG	USCS CODE	MATERIAL DESCRIPTION	BOREHOLE COMPLETION
				0				
	35			0		SW	SAME AS ABOVE, NO HYDROCARBON ODOR	
	40			0	▽	SW	GRAVELLY SAND: olive (5y 5/3) wet, very dense, medium to coarse grained sand, fine to coarse grained gravel, trace cobble, NO HYDROCARBON ODOR	▽
	45			0		SW	SAME AS ABOVE, NO HYDROCARBON ODOR	
	50			0		SW	COBBLY SAND: olive (5Y 5/3), wet, very dense, fine to coarse grained sand, some gravel NO HYDROCARBON ODOR	
	55			0		SW	GRAVELLY SAND: grayish brown (2.5Y 5/2), wet, medium to coarse grained sand, trace cobbles, NO HYDROCARBON ODOR	
							TD= 56.5 bgs	
	60							
	65							
	70							

ENSR | AECOM	*Client:* AmeriPride Services Inc.	***Appendix F:*** ***MW-16B Well Construction Diagram***
	Project Number: 10770-003-400	
	Site Location: 3505 Pasadena Ave, Los Angeles CA 90031	*Date Installed:* 4/10/06
	Well Location: Onsite *Coords:*	*Inspector:*
	Method: Hollow-Stem CME	*Contractor:* BC2

MONITORING WELL CONSTRUCTION DETAIL



Bottom Depth (feet)

Above-Ground Steel Monument with Hinged Lid — 0

Top of Riser Pipe — 0.5

Surface Seal:
- Type of Material: Volclay and Cement Slurry (Thick) Mixture

Riser Pipe:
- Length: 59
- Inside Diameter (ID): 4-inch
- Type of Material: PVC

Top of Bentonite — 49

Bentonite Seal Thickness (feet): 8

Top of Sand — 57

Top of Screen — 59

Screen:
- Length (feet): 10
- Inside Diameter (ID): 4-inch
- Slot Size: 0.02-inch
- Type of Material: Schedule 40-PVC

Type/Size of Sand: #3 Monterey

Sand Pack Thickness: 12.5

Bottom of Screen — 69

Bottom of Tail Pipe: 6-inch Threaded Bottom Cap — 69.5

Bottom of Borehole — 69.5

Borehole Diameter: 10-inches

Schematic Not Shown to Scale

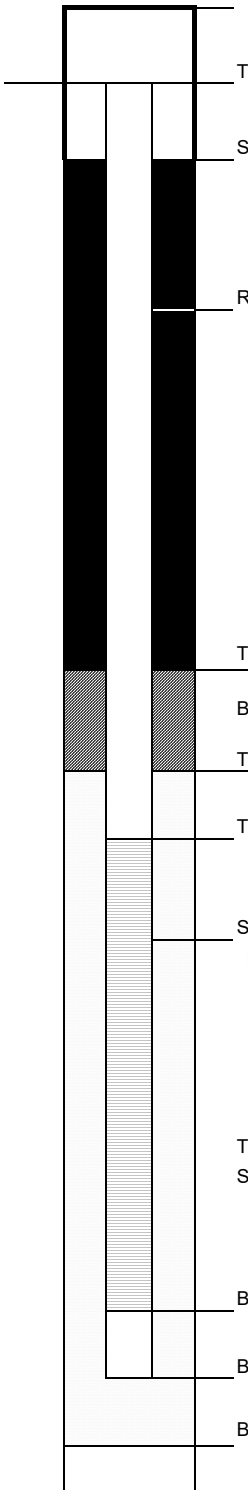
Approved:

Signature

Date

ENSR | AECOM	*Client:* AmeriPride Services Inc.	***Appendix F:*** ***MW-16C Well Construction Diagram***
	Project Number: 10770-003-400	
	Site Location: 3505 Pasadena Ave, Los Angeles CA 90031	*Date Installed:* 4/11/06
	Well Location: Onsite *Coords:*	*Inspector:*
	Method: Hollow-Stem CME	*Contractor:* BC2

MONITORING WELL CONSTRUCTION DETAIL



Bottom Depth (feet)

Above-Ground Steel Monument with Hinged Lid — 0

Top of Riser Pipe — 0.5

Surface Seal:
- Type of Material: Volclay and Cement Slurry (Thick) Mixture

Riser Pipe:
- Length: 83
- Inside Diameter (ID): 4-inch
- Type of Material: Schedule 40 PVC

Top of Bentonite — 70

Bentonite Seal Thickness (feet): 10

Top of Sand — 80

Top of Screen — 83

Screen:
- Length (feet): 10
- Inside Diameter (ID): 4-inch
- Slot Size: 0.02-inch
- Type of Material: Schedule 40-PVC

Type/Size of Sand: #3 Monterey

Sand Pack Thickness: 15

Bottom of Screen — 93

Bottom of Tail Pipe: 6-inch Threaded Bottom Cap — 93.5

Bottom of Borehole — 95

Borehole Diameter: 10-inches

Schematic Not Shown to Scale

Approved:

Signature

Date

ATTACHMENT 2

WELL DECOMMISSIONING PROCEDURES

Well Abandonment Procedures

Property of J. & H. Drilling Co., Inc.

We were the first drilling company to be officially certified by the Los Angeles County D.H.S. to perform Pressure Grouting.

Shop time check list:

Normal check list for truck engines, oil, water etc.

1. Water tanks filled.
2. Clean grout drum and suction hose loaded.
3. Proper pressure heads loaded and clean. Take 2" and 4".
4. Hoisting bails loaded 2" and 4".
5. Sufficient amount of 2" and 4" slip by FIP or MIP couplers.
6. Fresh PVC cement and cleaner.
7. Screw driver drill and screws.
8. Check sales order for proper amount of grout and concrete materials.
9. Check that all unions are on the truck and in proper working condition.

Destruction of monitoring wells

(per. state bulletin 74-90 part 3 section 16,17,18,19.)

Note: J. & H. Drilling will use the state procedures as a guideline but will adapt the best procedures for each particular situation.

Preferred procedure: Pressure grouting abandonment.

a. Quick and clean.
b. Few drums required.
c. Most cost effective.
d. Assures that the existing sand pack and natural aquifer **actually get sealed.**

Procedure for pressure grouting:

1. Open boxes, identify wells, clean and install slip couplers using screws where possible.
2. Determine well depths and grout placement method.
3. Mix grout, first drum goes on the light side to insure that the grout will flow easily through the screen and into the aquifer.
4. Add grout to the well to approximately 5 feet from the ground surface and install pressure head and all proper fittings. (check that all fittings are tight).
5. Inlet hose to pressure head **shall not** oppose the gauge.
6. Insure that grout pump is at the **low** setting and that the rig is on **slow idle.**
7. Slowly pressure the well to **30 PSI**
8. Allow the well (by observing the pressure gauge on the head) to drop off to 10 PSI or less.
9. Continue step 8 until no pressure drop is observed, then add **25 to 30 PSI** and lock off pressure vales at head. **Maintain pressure for appx. 20 min.** to allow grout to set-up.
10. **Before disconnecting** from pressure head **bleed pressure** from rig system through the valve located to the left of the control panel. Catch excess grout in a container.
11. If doing more than one well at the jobsite, now is the time to move to the next well and repeat steps 2 through 10.
12. After proper setup time has been observed slowly release the pressure in the well casing through the valve on the head into a container and remove the pressure head. (if you are finished with the pressure head clean it up and flush out the grout pump, suction hose, and grout drum.)
13. Set up over well with rig, attach the concrete bit to an auger and drill off top 5 to 10 feet of well casing.
14. If required remove well box at this point.
15. Grout the hole with chip bentonite and seal at surface with concrete mix or with quick set.

Safety procedures for pressure grouting

1. Assure that all pressure fitting are in proper working order and that all connections are tight.

2. Make sure when pressuring up that the pump is in low and you are at an idle.

3. When applying pressure assure that all personnel are at a **safe distance. (min. of 10 ft.)** set up drum barricade to contain splash or shrapnel if pedestrians are present.

4. Hold down on the pressure head with the drill stem.

5. Crew helpers are to remain alert and notify the Driller if any safety hazards exist.

6. Become familiar with the pressure hook-ups and observe all gauges before removing any connections or hoses.

Overdrilling Procedures

Pros and cons for this method:

a. Pro.- will remove the casing all the way to the bottom of the well.
b. Con.- is more expensive and time consuming than pressure grouting.
c. Con.- can result in falling off of the casing center which will preclude drilling out the screen and sand pack.
d. Con- does not insure that the sand pack and aquifer is completely plugged.
e. Con- results in possible contaminated cuttings which must be drummed and removed from site.
f. Con- results in extra clean-up of well site.
g. Con- results in excessive wear on rig and drill components.

1. Center rig over well casing.

2. Attach concrete bit with 2 1/2 or 5 foot guide.

3. Drill out well casing to bottom of well using the proper O.D. augers.

4. Grout up hole with proper county back fill requirements.

5. Use tremie pipe if water is present or if well depth is over 30 ft.

6. Remove well boxes if required.

Pulling casing method

Pros and Cons:

a. Pro-quicker than Overdrilling.
b. Pro-can possibly remove all of the casing.
c. Con-casing can break at any point underground resulting in going to the Overdrill method with the exception that you can not insure centering on the casing.
d. Con-safety problems with hanging casing above ground or breaking casing resulting in a shrapnel situation.
e. Con-results in Overdrilling the original borehole anyway so grout can be tremied into the aquifer area.
f. Con-cuttings and casing must be drummed or removed from the site.
g. Con-once this method has begun the option to pressure grout the aquifer is excluded because the casing can separate at any point underground.

1. Open well boxes, identify well size and depths.

2. Overdrill the upper portion of casing with a large diameter auger to remove concrete plug.

3. Using hoisting plug only attach main hoist to casing. Do not use chains or ropes to pull casing.

4. Attempt to start the casing extraction with a steady pull and if not successful use a jerking motion to start the removal.

5. Stop extraction at the first joint possible to unscrew the casing. Do not hang any more casing than necessary.

6. Upon removal of casing you must plug the auger and ream out the bore hole.

7. Using the augers tremie the hole with bentonite grout upon retraction.

8. Remove well box if required.

9. Install surface seal with chip bentonite and concrete patch at ground surface to specified depth.

Safety procedures for pulling casing methods

1. Insure that the safety latch on the hoisting hook is securely fastened.

2. Insure that all personnel are warned and at a safe distance from falling objects.

3. Take extra precautions when starting the casing pull that breakage and line slap can not hit anyone. Only the Driller should be at the rear of the rig when this procedure begins. Warn all people that you are about to begin and that all conversation ends and everyone is aware of what is happening.

COMMUNITY Notice

The mission of DTSC is to protect California's people and environment from harmful effects of toxic substances through the restoration of contaminated resources, enforcement, regulation and pollution prevention.

Former Welch's Uniform Facility Removal Action Workplan Available for Review and Comment

The State of California Department of Toxic Substances Control (DTSC) invites the community to review and comment on a Removal Action Workplan (RAW) to cleanup contamination beneath the Former Welch's Uniform Facility (Site) located at 3505 Pasadena Avenue, Los Angeles, California. The objective of the RAW is to reduce the potential risk to human health and the environment and address any contamination.

This **Fact Sheet provides Information on:**

- Site Background and History
- Environmental Investigations
- Why Cleanup is Necessary
- Proposed Clean Up Plan
- California Environmental Quality Act (CEQA)
- Next Steps
- Where to Find Site Documents
- Who to Contact at DTSC for More Information

Public Comment Period
Sept. 6, to Oct. 7, 2012

The draft RAW and other related documents for this site are available for public review and comment at the locations listed on page 3. (DTSC) will make a final decision after all public comments have been reviewed and considered. Please submit written comments postmarked or recieved by email by October 7, 2012 to:

Alberto Valmidiano
Project Manager
9211 Oakdale Avenue
Chatsworth, CA 91311
alberto.valmidiano@dtsc.ca.gov
(818) 717-6550

Si desea informacion en espanol, comuniquese con Jeanne Garcia al (818) 717-6573

Site Background and History

AmeriPride Services Inc., the current owner of the property at 3505 Pasadena Avenue, Los Angeles, California (Site), proposes to install a soil vapor extraction (SVE) and treatment system to address soil vapor contamination associated with dry cleaning solvent wastes at the former Welch's Uniform Facility.

The Site consists of an approximate 2.6 acre vacant parcel located in a mixed residential and industrial area of Los Angeles, California. The Site is bordered on the north by the Arroyo Seco Channel and the Pasadena Freeway (110); on the west by a railroad right-of-way; on the east by Pasadena Avenue; and on the south by commercial properties.

The Site is currently vacant and no buildings exist on the property. A chain-link fence is located around the perimeter of the Site with a 10-foot high retaining wall along the northeast Site boundary. Four pole-mounted electrical transformers are located in the center of the Site. Gas and water metering equipment are located near the east gate, and a 6,000 square foot area of asphalt pavement is located in the southeast portion of the Site. The Site was formerly a commercial linen and apparel laundering and delivery service facility that was established circa 1920 and operated until approximately 1988. All buildings associated with the previous operation were removed in 1993.

There are no current redevelopment plans for the property, but future uses may include commercial or industrial projects.

Environmental Investigations

Tetrachloroethene (PCE) was first detected in 1988 when soil boring and vapor extraction wells were completed at the Site. Follow up investigation efforts have included collecting soil and soil vapor samples from numerous locations around the Site, as well as installing and monitoring 14 active monitoring wells located on-site and off-site and 7 active soil vapor monitoring points on-site. The monitoring wells and soil vapor points are sampled and analyzed on a semi-annual basis. Since 2007, the California Department of Toxic Substances Control (DTSC) has been overseeing the site investigation, monitoring and cleanup efforts at the Site.

In 2007, the owner of the Site, AmeriPride Services Inc., entered into a voluntary agreement with DTSC to clean up the Site and to submit planning and monitoring documents to DTSC for review and approval.

Why Clean Up is Necessary

The Site is located in a mixed residential and industrial area of Los Angeles, California. It is bordered on the north by the Arroyo-Seco Channel and the Pasadena (110) freeway; on the west by a railroad right of way; on the east by Pasadena Avenue and on the south by commercial properties.

Historical records indicate that hazardous materials stored and handled at the facility included petroleum hydrocarbon based cleaning solvents used in the dry cleaning process. Previous investigations revealed the presence of PCE and trichloroethene (TCE) beneath the Site. PCE naturally degrades to TCE in the environment; the TCE present is likely a breakdown product from PCE. Exposure to high levels of PCE and TCE in indoor air may result in an increased risk of cancer when breathed continuously for an extended amount of time (generally more than 20 years). Environmental cleanup activities at the Site are necessary to protect public and environmental health.

Proposed Clean Up Plan

Soil vapor extraction (SVE) is the proposed approach to clean up the PCE and TCE detected in the soil and soil gas beneath the Site. SVE is a proven technology for treating volatile contamination. The SVE will be accomplished by the installation of a soil vapor extraction system (SVES). The SVES includes the installation of soil vapor extraction wells. The extracted vapor will be treated with granular activated carbon, before the gas will be released to the atmosphere. The SVES will be monitored to insure gas release into the atmosphere is treated successfully and meets the South Coast Air Quality Management District (SCAQMD) standards and regulations. With DTSC oversight, Ameripride proposes to install an SVE system to clean up the Site.

The SVE system will likely operate until the cleanup goals are achieved. Approximately 12 to 24 months of operation time is the initial estimate to treat the contamination. The system will operate until levels are reached that do not pose a significant risk.

California Environmental Quality Act

Under the California Environmental Quality Act (CEQA), DTSC must evaluate whether the proposed actions may have any significant impact to human health and the environment.

As part of this evaluation, DTSC has proposed a Notice of Exemption (NOE) which states that the Removal Action Workplan will not result in a significant negative effect on human health and the environment.

Next Steps

At the close of the Public Comment Period, DTSC will review and consider any public comments and make a final decision on the Removal Action Workplan. A Response to Comments document will be mailed to everyone who makes a comment and provides their name and address. A copy of the Response to Comments document will be placed in the Information Repositories listed in this fact sheet.

Once the Plan is approved the system will be built and work will likely begin in Fall 2012

Where to Find Project Documents

The RAW and other site related documents are available for public review at the information repositories listed below. The entire Administrative Record is available at the DTSC Chatsworth Office.

Lincoln Heights Branch
Los Ángeles Public Library
2530 Workmen Street
Los Angeles, California 90031
Phone: (323) 226-1692

Department of Toxic Substances Control
Regional Records Room
9211 Oakdale Avenue
Chatsworth, California 91311
Phone: (818) 717-6521

Copies of key technical reports, fact sheets and other site-related information are also available online at DTSC's website: *www.envirostor.dtsc.ca.gov/public*

All documents made available to the public by DTSC can be made available in an alternate format (i.e. Braille, large print, etc.) or in another language as appropriate, in accordance with state and federal law. Please contact Zenzi Poindexter for assistance.

Who to Contact for More Information

For more information about the draft Cleanup Plan or to be added to the site mailing list please contact the following DTSC representatives:

Alberto Valmidiano, DTSC Project Manager
9211 Oakdale Avenue
Chatsworth, California 91311
Phone: (818) 717-6550
alberto.valmidiano@dtsc.ca.gov

Zenzi Poindexter, DTSC Public Participation Specialist
9211 Oakdale Avenue
Chatsworth, California 90630
Phone: (818) 717-6567
Toll-Free: (866) 495-5651 (press 3 then 4)
uzenzile.poindexter@dtsc.ca.gov

For media related inquiries, please contact:
Jeanne Garcia, DTSC Public Information Officer
9211 Oakdale Avenue
Chatsworth, California 91311
Phone: (818) 717-6573
jeanne.garcia1@dtsc.ca.gov

COMMENT FORM AND MAILING COUPON
FORMER WELCH'S UNIFORM FACILITY
LOS ANGELES, CA

If you use this form to send us your comments, please include your name and address. All written comments must be postmarked no later than October 7, 2012. Please send this form to:

Alberto Valmidiano
Department of Toxic Substances Control
9211 Oakdale Avenue
Chatsworth, California 91311

You may also email this same information to: avaldimi@dtsc.ca.gov

Name: _____

Address: _____

Affiliation (if any): _____

Phone number (optional): _____

Comments: (If you need more space, please feel free to use another sheet of paper)

_____
_____
_____
_____
_____
_____
_____
_____
_____
_____
_____

Our mailing lists are only used for keeping you informed of our activities. However, they are considered public records and, if requested, may be subject to release.

AVISO Comunitario

La mision del DTSC es de proteger a los residentes de California y al medio ambiente de los efectos nocivos de substancias toxicas atravez de la restauracion de recursos contaminados, la aplicacion de regulaciones, y la prevencion de la contaminacion.

Plan de Trabajo para las Acciones de Remoción de lo que era la Instalación de

El Departamento de Control de Sustancias Tóxicas de California (DTSC, por sus siglas en inglés) invita a la comunidad a revisar y comentar sobre un Plan de Trabajo para las Acciones de Remoción (RAW, por sus siglas en inglés) para limpiar la contaminación que se encuentra por debajo de la que era anteriormente la Instalación de Uniformes Welch (Sitio) ubicada en el 3505 Pasadena Avenue, Los Ángeles, California. El objetivo del RAW es reducir el riesgo potencial a la salud humana y al medio ambiente y al mismo tiempo abordar la contaminación.

Esta Boleto Informativo proporciona Información sobre:

- Historia y Antecedentes del Sitio
- Por qué la Limpieza es Necesaria
- Plan Propuesto de Limpieza
- Investigaciones Ambientales
- Ley de Calidad del Medio-Ambiental de California (CEQA, por sus siglas en inglés)
- Próximos Pasos

Public Comment Period

El 6 de Septiembre a el 7 de Octubre 2012

Los comentarios por escrito deberán tener el sello postal del 7 de Octubre a más tardar y deberán enviarse a:
Alberto Valmidiano
DTSC
9211 Oakdale Avenue
Chatsworth, California 91311
alberto.valmidiano@dtsc.ca.gov

DTSC

Historial y Antecedentes del Sitio

El dueño actual de la propiedad ubicada en el 3505 Pasadena Avenue, Los Angeles, California (el Sitio), AmeriPride Services Inc., está proponiendo instalar un sistema de extracción de vapor de suelo (SVE, por sus siglas en inglés) para abordar la contaminación de vapor de suelo asociada con los residuos del solvente usado para el lavado en seco en la anterior Instalación de Uniformes Welch.

El consta de un lote baldío ubicado en un área mixta residencial e industrial de Los Angeles, California. . El Sitio tiene linderos al norte con el Canal Arroyo Seco y el Pasadena Freeway (101); al oeste con un derecho de vía ferroviaria; al este con Pasadena Avenue; y al sur con propiedades comerciales.

Actualmente, el Sitio está baldío y no hay edificios en la propiedad. Alrededor del perímetro del Sitio hay una cerca metálica eslabonada y hay un muro de contención de 10 pies de altura a lo largo del lindero noreste del Sitio. Cuatro transformadores eléctricos montados en postes se encuentran en el centro del Sitio. El equipo de medición del gas y agua se encuentra cerca del portón este, y hay un área pavimentada con asfalto de 6,000 pies cuadrados en la porción sureste del Sitio.

El Sitio fue antiguamente una lavenderia comercial del lino y de ropa y servicio de entregas que se estableció alrededor de 1920 y estuvo en operaciones hasta aproximadamente 1988. En 1993, se removieron todos los edificios asociados con la función anterior.

No existen, actualmente, planes de reurbanización para esta propiedad, pero los usos en el futuro pueden incluir proyectos comerciales o industriales.

Investigaciones Ambientales

Se detectó por primera vez el tetracloroeteno (PCE, por sus siglas en ingles) en 1988, cuando concluyeron las perforaciones del suelo y los pozos de extracción de vapor en el Sitio. Esfuerzos subsiguientes de investigación han incluido la recolección de muestras de suelo y de vapor de suelo de numerosas ubicaciones alrededor del sitio, así como la instalación y monitoreo de 14 pozos de monitoreo activos ubicados dentro y fuero del Sitio y 7 puntos de monitoreo de vapor activos en el Sitio. Los pozos de monitoreo y los puntos de vapor de suelo se muestrean y analizan semi-anualmente. Desde el 2007, el Departamento de Control de Sustancias Tóxicas de California ha estado supervisando la investigación, el monitoreo y los esfuerzos de la investigación,el monitoreo y la limpieza del Sitio.

En el 2007, el propietario del Sitio, AmeriPride Services Inc., celebró un acuerdo voluntario con el DTSC para sanear el Sitio y para presentar documentos de planeación y monitoreo al DTSC para su revisión y aprobación.

Por que la Limpieza es Necesaria

El Sitio se encuentra ubicado en un área mixta residencial e industrial de Los Angeles, California. . El Sitio tiene linderos al norte con el Canal Arroyo Seco y el Pasadena Freeway (101); al oeste con un derecho de vía ferroviaria; al este con Pasadena Avenue; y al sur con propiedades comerciales.

Los registros históricos indican que se almacenaron y manejaron en esta instalación, materiales peligrosos, incluyendo solventes para limpieza basados en los hidrocarburos de petróleo, que se usan en el proceso de lavado en seco. Investigaciones previas revelaron la presencia de PCE y de tricloroeteno (TCE) por debajo del Sitio. El PCE se degrada de forma natural en el medio ambiente a TCE; por lo tanto, el TCE que se encuentra presente es probablemente un producto de la degradación del PCE. La exposición a altos niveles de PCE y TCE en el aire en interiores, puede tener como resultado un aumento en el riesgo de cáncer cuando éstos se respiran continuamente por periodos largos de tiempo (generalmente más de 20 años). Las actividades

de limpieza ambiental en el Sitio son necesarias para proteger la salud del público y del medio ambiente.

Plan Propuesto de Limpieza

La extracción de vapor de suelo (SVE, por sus siglas en ingles) es el método propuesto para limpiar el PCE y TCE que se han detectado en los suelos y el gas de suelo por debajo del Sitio. La SVE es una tecnología probada para tratar la contaminación por compuestos volátiles. La SVE se logrará con la instalación de un sistema de extracción de vapor (SVES, por sus siglas en ingles). El SVES incluye la instalación de pozos de extracción del vapor de suelo, el vapor extraído será tratado con carbono activado granular, antes de liberar el gas a la atmósfera. Se monitoreará el SVES para asegurar que el gas que sea liberado a la atmósfera sea tratado exitosamente y que cumpla con las normas y los estándares del Distrito de Manejo de la Calidad de Aire de la Costa Sur. (SCAQMD, por sus siglas en inglés). Bajo la supervisión del DTSC, Ameripride Services Inc. propone instalar un sistema SVE para limpiar el Sitio.

Es probable que el sistema SVE esté en operaciones hasta que se cumplan con las metas de limpieza. El cálculo inicial de tiempo para tratar la contaminación es de aproximadamente 12 a 24 meses. El sistema estará operando hasta que se logren niveles que ya no representen un riesgo significativo.

Ley de Calidad Ambiental de California

De conformidad con la Ley de Calidad Ambiental de California, (CEQA, por sus siglas en inglés), el DTSC deberá evaluar si las acciones propuestas pueden tener algún impacto significativo en la salud humana y en el medio ambiente.

Como parte de la evaluación, el DTSC ha propuesto un Aviso de Exención, el cual indica que el Plan de Trabajo para las Acciones de Remoción no tendrá como resultado un efecto negativo significativo en la salud humana ni en el medio ambiente.

Próximos Pasos

Al concluir el Período para Comentarios del Público, el DTSC revisará y tomará en cuenta todo comentario del público y tomará una decisión final en torno al Plan de Trabajo para las Acciones de Remoción. Se enviará por correo una Respuesta a los Comentarios a toda persona que haya hecho algún comentario y que proporcione su nombre y dirección. Se guardará en los Depósitos de Información enlistados en esta hoja de datos una copia de la Respuesta a los Comentarios.

Una vez que se apruebe el Plan, se construirá el sistema y es probable que empiece el trabajo en el otoño del 2012.

Dónde Encontrar Documentos Sobre el Proyecto

El RAW y otros documentos relacionados están disponibles para revisión por parte del público en los depósitos de información que se enlistan a continuación. El Registro Administrativo está disponible en su totalidad en la Oficina del DTSC de Chatsworth.

Sucursal Lincoln Heights de la
Biblioteca Pública de Los Ángeles
2530 Workmen Street
Los Angeles, California 90031
Teléfono: (323) 226-1692

Departamento de Control de Sustancias Tóxicas
Oficina de Registros Regionales
9211 Oakdale Avenue
Chatsworth, California 91311
Teléfono: (818) 717-6521

Las copias de los reportes técnicos clave, las hojas de datos y otra información relacionada al Sitio también están disponibles en línea en el portal de internet del DTSC: www.envirostor.dtsc.ca.gov/public

Todos los documentos que el DTSC ha puesto a disposición del público pueden estar también disponibles en un formato alterno (i.e. Braille, letra grande, etc.) o en otro idioma, según sea apropiado, de conformidad con las leyes estatales y federales. Favor de comunicarse con Zenzi Poindexter para recibir ayuda.

Con Quien Comunicarse para Recibir Mayor Informacion
Para mayor información sobre el borrador del Plan de Limpieza o para que se le agregue a la lista de correo, favor de comunicarse con alguno de los siguientes representantes del DTSC:

Alberto Valmidiano
Gerente del Proyecto del DTSC
9211 Oakdale Avenue
Chatsworth, California 91311
Teléfono: (818) 717-6611
alberto.valmidiano@dtsc.ca.gov

Zenzi Poindexter
Especialista en Participación Pública del DTSC
9211 Oakdale Avenue
Chatsworth, CA 91311
Teléfono: (818) 717-6568
Llamada gratuita: (866) 495-5651 (oprima el 3 y luego el 4)
uzenzile.poindexter@dtsc.ca.gov

Informacion para la prensa favor de comunicarse con:
Jeanne Garcia
DTSC Funcionaria de Información Pública
9211 Oakdale Avenue
Chatsworth, California 91311
Teléfono: (818) 717-6573
jeanne.garcia1@dtsc.ca.gov

FORMA PARA COMENTARIOS Y CUPÓN PARA ENVIAR POR CORREO

ANTERIOR INSTALACIÓN DE UNIFORMES WELCH
LOS ÁNGELES, CA

Si usted usa esta forma para enviarnos sus comentarios, favor de incluir su nombre y dirección. Todos los comentarios por escrito deberán tener el sello de correo del 7 de Octubre, 2012, a más tardar. Favor de enviar esta forma a:

Alberto Valmidiano
Department of Toxic Substances Control
9211 Oakdale Avenue
Chatsworth, California 91311

También puede enviar esta misma información por correo electrónico a:
alberto.valmidiano@dtsc.ca.gov

Nombre: _____

Dirección: _____

Afiliación (si es que tiene alguna):
_____

Número telefónico (opcional):
_____

Comentarios: (Si necesita más espacio, por favor use otra hoja de papel)

_____

_____

_____

_____

_____

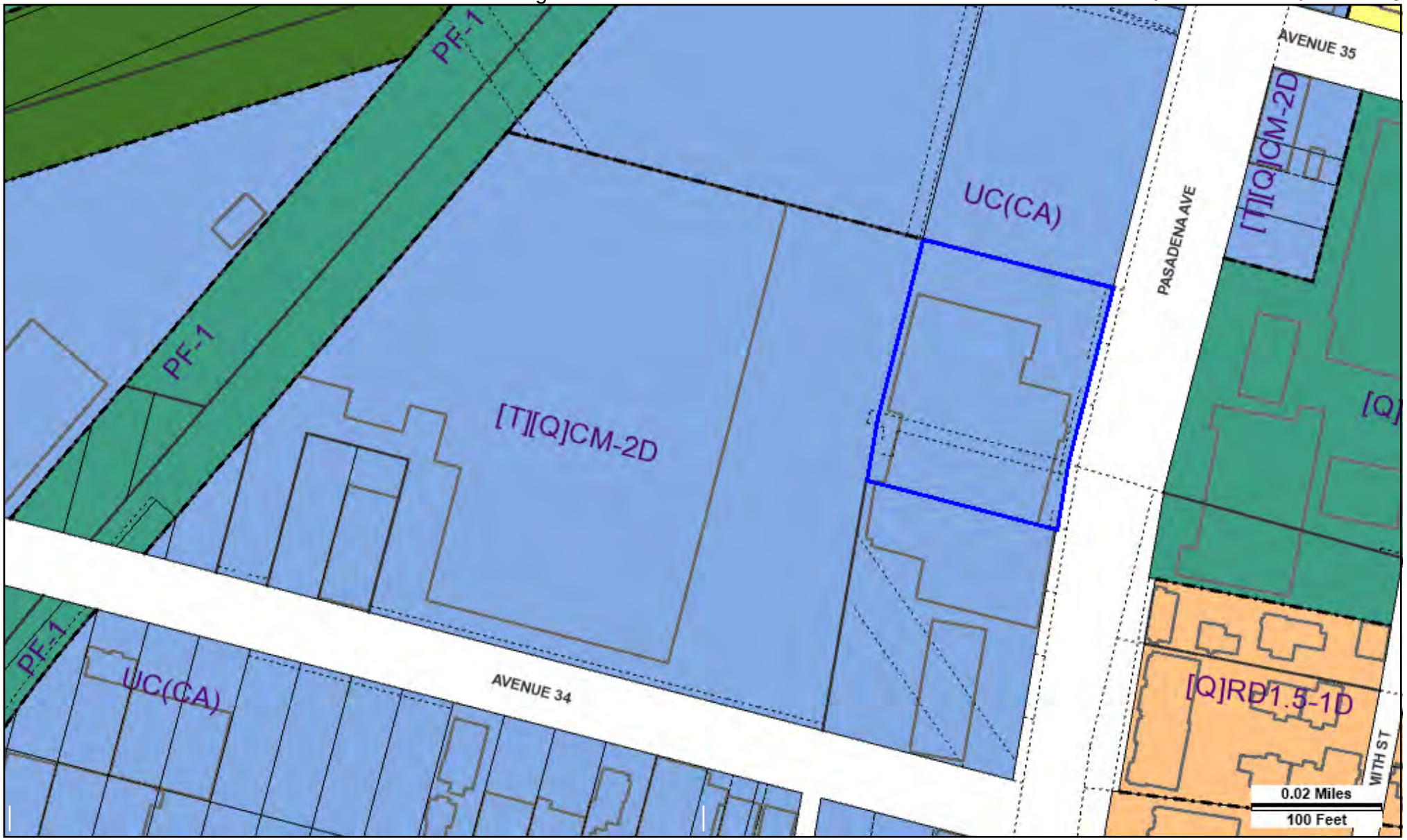
_____

ZIMAS PUBLIC

Generalized Zoning

06/19/2019

City of Los Angeles
Department of City Planning



Address: 3433 N PASADENA AVE
APN: 5205004007
PIN #: 142-5A223 178

Tract: P M 541
Block: None
Lot: B
Arb: None

Zoning: [T][Q]CM-2D
General Plan: Commercial Manufacturing

N
W
E
S

CITY OF LOS ANGELES FOUNDED 1781

Streets Copyright (c) Thomas Brothers Maps, Inc.

LEGEND

GENERALIZED ZONING

- OS, GW
- A, RA
- RE, RS, R1, RU, RZ, RW1
- R2, RD, RMP, RW2, R3, RAS, R4, R5, PVSP
- CR, C1, C1.5, C2, C4, C5, CW, WC, ADP, LASED, CEC, USC, PPSP
- CM, MR, CCS, UV, UI, UC, M1, M2, LAX, M3, SL
- P, PB
- PF

GENERAL PLAN LAND USE

LAND USE

RESIDENTIAL

- Minimum Residential
- Very Low / Very Low I Residential
- Very Low II Residential
- Low / Low I Residential
- Low II Residential
- Low Medium / Low Medium I Residential
- Low Medium II Residential
- Medium Residential
- High Medium Residential
- High Density Residential
- Very High Medium Residential

COMMERCIAL

- Limited Commercial
- Limited Commercial - Mixed Medium Residential
- Highway Oriented Commercial
- Highway Oriented and Limited Commercial
- Highway Oriented Commercial - Mixed Medium Residential
- Neighborhood Office Commercial
- Community Commercial
- Community Commercial -Mixed High Residential
- Regional Center Commercial

INDUSTRIAL

- Commercial Manufacturing
- Limited Manufacturing
- Light Manufacturing
- Heavy Manufacturing
- Hybrid Industrial

PARKING

- Parking Buffer

PORT OF LOS ANGELES

- General / Bulk Cargo - Non Hazardous (Industrial / Commercial)
- General / Bulk Cargo - Hazard
- Commercial Fishing
- Recreation and Commercial
- Intermodal Container Transfer Facility Site

LOS ANGELES INTERNATIONAL AIRPORT

- Airport Landside / Airport Landside Support
- Airport Airside
- LAX Airport Northside

OPEN SPACE / PUBLIC FACILITIES

- Open Space
- Public / Open Space
- Public / Quasi-Public Open Space
- Other Public Open Space
- Public Facilities

FRAMEWORK

COMMERCIAL

- Neighborhood Commercial
- General Commercial
- Community Commercial
- Regional Mixed Commercial

INDUSTRIAL

- Limited Industrial
- Light Industrial

CIRCULATION

STREET

- Arterial Mountain Road
- Collector Scenic Street
- Collector Street
- Collector Street (Hillside)
- Collector Street (Modified)
- Collector Street (Proposed)
- Country Road
- Divided Major Highway II
- Divided Secondary Scenic Highway
- Local Scenic Road
- Local Street
- Major Highway (Modified)
- Major Highway I
- Major Highway II
- Major Highway II (Modified)
- Major Scenic Highway
- Major Scenic Highway (Modified)
- Major Scenic Highway II
- Mountain Collector Street
- Park Road
- Parkway
- Principal Major Highway
- Private Street
- Scenic Divided Major Highway II
- Scenic Park
- Scenic Parkway
- Secondary Highway
- Secondary Highway (Modified)
- Secondary Scenic Highway
- Special Collector Street
- Super Major Highway

FREEWAYS

- Freeway
- Interchange
- On-Ramp / Off- Ramp
- Railroad
- Scenic Freeway Highway

MISC. LINES

- Airport Boundary
- Bus Line
- Coastal Zone Boundary
- Coastline Boundary
- Collector Scenic Street (Proposed)
- Commercial Areas
- Commercial Center
- Community Redevelopment Project Area
- Country Road
- DWP Power Lines
- Desirable Open Space
- Detached Single Family House
- Endangered Ridgeline
- Equestrian and/or Hiking Trail
- Hiking Trail
- Historical Preservation
- Horsekeeping Area
- Local Street
- MSA Desirable Open Space
- Major Scenic Controls
- Multi-Purpose Trail
- Natural Resource Reserve
- Park Road
- Park Road (Proposed)
- Quasi-Public
- Rapid Transit Line
- Residential Planned Development
- Scenic Highway (Obsolete)
- Secondary Scenic Controls
- Secondary Scenic Highway (Proposed)
- Site Boundary
- Southern California Edison Power
- Special Study Area
- Specific Plan Area
- Stagecoach Line
- Wildlife Corridor

POINTS OF INTEREST

- Alternative Youth Hostel (Proposed)
- Animal Shelter
- Area Library
- Area Library (Proposed)
- Bridge
- Campground
- Campground (Proposed)
- Cemetery
- HW Church
- City Hall
- Community Center
- Community Library
- Community Library (Proposed Expansion)
- Community Library (Proposed)
- Community Park
- Community Park (Proposed Expansion)
- Community Park (Proposed)
- Community Transit Center
- Convalescent Hospital
- Correctional Facility
- Cultural / Historic Site (Proposed)
- Cultural / Historical Site
- Cultural Arts Center
- DMV DMV Office
- DWP DWP
- DWP Pumping Station
- Equestrian Center
- HQ Fire Department Headquarters
- Fire Station
- Fire Station (Proposed Expansion)
- Fire Station (Proposed)
- Fire Supply & Maintenance
- Fire Training Site
- Fireboat Station
- Health Center / Medical Facility
- Helistop
- Historic Monument
- Historical / Cultural Monument
- Horsekeeping Area
- Horsekeeping Area (Proposed)
- Horticultural Center
- Hospital
- Hospital (Proposed)
- HW House of Worship
- e Important Ecological Area
- e Important Ecological Area (Proposed)
- Interpretive Center (Proposed)
- JC Junior College
- M MTA / Metrolink Station
- M MTA Station
- MTA Stop
- MWD MWD Headquarters
- Maintenance Yard
- Municipal Office Building
- P Municipal Parking lot
- Neighborhood Park
- Neighborhood Park (Proposed Expansion)
- Neighborhood Park (Proposed)
- Oil Collection Center
- P Parking Enforcement
- HQ Police Headquarters
- Police Station
- Police Station (Proposed Expansion)
- Police Station (Proposed)
- Police Training site
- PO Post Office
- Power Distribution Station
- Power Distribution Station (Proposed)
- Power Receiving Station
- Power Receiving Station (Proposed)
- C Private College
- E Private Elementary School
- Private Golf Course
- Private Golf Course (Proposed)
- JH Private Junior High School
- PS Private Pre-School
- Private Recreation & Cultural Facility
- SH Private Senior High School
- SF Private Special School
- E Public Elementary (Proposed Expansion)
- E Public Elementary School
- E Public Elementary School (Proposed)
- Public Golf Course
- Public Golf Course (Proposed)
- Public Housing
- Public Housing (Proposed Expansion)
- JH Public Junior High School
- JH Public Junior High School (Proposed)
- MS Public Middle School
- SH Public Senior High School
- SH Public Senior High School (Proposed)
- Pumping Station
- Pumping Station (Proposed)
- Refuse Collection Center
- Regional Library
- Regional Library (Proposed Expansion)
- Regional Library (Proposed)
- Regional Park
- Regional Park (Proposed)
- RPD Residential Plan Development
- Scenic View Site
- Scenic View Site (Proposed)
- ADM School District Headquarters
- SC School Unspecified Loc/Type (Proposed)
- Skill Center
- SS Social Services
- Special Feature
- Special Recreation (a)
- SF Special School Facility
- SF Special School Facility (Proposed)
- Steam Plant
- sm Surface Mining
- Trail & Assembly Area
- Trail & Assembly Area (Proposed)
- UTL Utility Yard
- Water Tank Reservoir
- Wildlife Migration Corridor
- Wildlife Preserve Gate

SCHOOLS/PARKS WITH 500 FT. BUFFER

- Existing School/Park Site
- Planned School/Park Site
- Inside 500 Ft. Buffer

- Aquatic Facilities
- Beaches
- Child Care Centers
- Dog Parks
- Golf Course
- Historic Sites
- Horticulture/Gardens
- Skate Parks
- Other Facilities
- Park / Recreation Centers
- Parks
- Performing / Visual Arts Centers
- Recreation Centers
- Senior Citizen Centers
- Opportunity School
- Charter School
- Elementary School
- Span School
- Special Education School
- High School
- Middle School
- Early Education Center

COASTAL ZONE

- Coastal Zone Commission Authority
- Calvo Exclusion Area
- Not in Coastal Zone
- Dual Jurisdictional Coastal Zone

TRANSIT ORIENTED COMMUNITIES (TOC)

- Tier 1
- Tier 2
- Tier 3
- Tier 4

Note: TOC Tier designation and map layers are for reference purposes only. Eligible projects shall demonstrate compliance with Tier eligibility standards prior to the issuance of any permits or approvals. As transit service changes, eligible TOC Incentive Areas will be updated.

WAIVER OF DEDICATION OR IMPROVEMENT

- Public Work Approval (PWA)
- Waiver of Dedication or Improvement (WDI)

LAMC SECTION 85.02 (VEHICLE DWELLING)

- No vehicle dwelling anytime
- No vehicle dwelling overnight between 9:00 PM - 6:00 AM. Must comply with all posted parking restrictions
- Vehicle dwelling allowed. Must comply with all posted parking restrictions

OTHER SYMBOLS

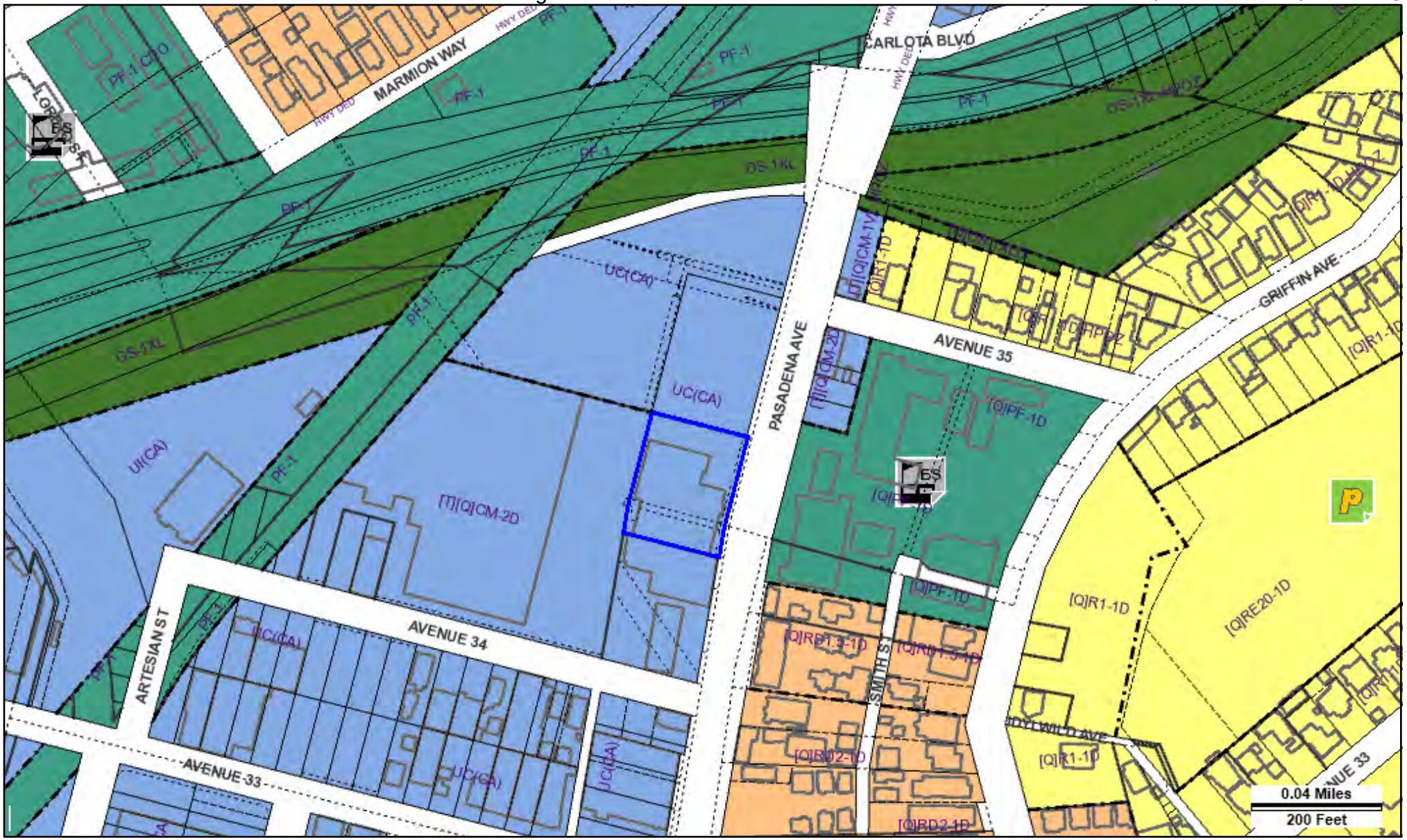
- Lot Line
- Tract Line
- Lot Cut
- Easement
- Zone Boundary
- Building Line
- Lot Split
- Community Driveway
- Building Outlines 2014
- Building Outlines 2008
- Airport Hazard Zone
- Census Tract
- Coastal Zone
- Council District
- LADBS District Office
- Downtown Parking
- Fault Zone
- Fire District No. 1
- Tract Map
- Parcel Map
- Flood Zone
- Hazardous Waste
- High Wind Zone
- Hillside Grading
- Historic Preservation Overlay Zone
- Specific Plan Area
- Very High Fire Hazard Severity Zone
- Oil Wells

ZIMAS PUBLIC

Generalized Zoning

06/19/2019

City of Los Angeles
Department of City Planning



Address: 3433 N PASADENA AVE
APN: 5205004007
PIN #: 142-5A223 178

Tract: P M 541
Block: None
Lot: B
Arb: None

Zoning: [T][Q]CM-2D
General Plan: Commercial Manufacturing

Streets Copyright (c) Thomas Brothers Maps, Inc.

LEGEND

GENERALIZED ZONING

- OS, GW
- A, RA
- RE, RS, R1, RU, RZ, RW1
- R2, RD, RMP, RW2, R3, RAS, R4, R5, PVSP
- CR, C1, C1.5, C2, C4, C5, CW, WC, ADP, LASED, CEC, USC, PPSP
- CM, MR, CCS, UV, UI, UC, M1, M2, LAX, M3, SL
- P, PB
- PF

GENERAL PLAN LAND USE

LAND USE

RESIDENTIAL

- Minimum Residential
- Very Low / Very Low I Residential
- Very Low II Residential
- Low / Low I Residential
- Low II Residential
- Low Medium / Low Medium I Residential
- Low Medium II Residential
- Medium Residential
- High Medium Residential
- High Density Residential
- Very High Medium Residential

COMMERCIAL

- Limited Commercial
- Limited Commercial - Mixed Medium Residential
- Highway Oriented Commercial
- Highway Oriented and Limited Commercial
- Highway Oriented Commercial - Mixed Medium Residential
- Neighborhood Office Commercial
- Community Commercial
- Community Commercial -Mixed High Residential
- Regional Center Commercial

INDUSTRIAL

- Commercial Manufacturing
- Limited Manufacturing
- Light Manufacturing
- Heavy Manufacturing
- Hybrid Industrial

PARKING

- Parking Buffer

PORT OF LOS ANGELES

- General / Bulk Cargo - Non Hazardous (Industrial / Commercial)
- General / Bulk Cargo - Hazard
- Commercial Fishing
- Recreation and Commercial
- Intermodal Container Transfer Facility Site

LOS ANGELES INTERNATIONAL AIRPORT

- Airport Landside / Airport Landside Support
- Airport Airside
- LAX Airport Northside

OPEN SPACE / PUBLIC FACILITIES

- Open Space
- Public / Open Space
- Public / Quasi-Public Open Space
- Other Public Open Space
- Public Facilities

FRAMEWORK

COMMERCIAL

- Neighborhood Commercial
- General Commercial
- Community Commercial
- Regional Mixed Commercial

INDUSTRIAL

- Limited Industrial
- Light Industrial

CIRCULATION

STREET

- Arterial Mountain Road
- Collector Scenic Street
- Collector Street
- Collector Street (Hillside)
- Collector Street (Modified)
- Collector Street (Proposed)
- Country Road
- Divided Major Highway II
- Divided Secondary Scenic Highway
- Local Scenic Road
- Local Street
- Major Highway (Modified)
- Major Highway I
- Major Highway II
- Major Highway II (Modified)
- Major Scenic Highway
- Major Scenic Highway (Modified)
- Major Scenic Highway II
- Mountain Collector Street
- Park Road
- Parkway
- Principal Major Highway
- Private Street
- Scenic Divided Major Highway II
- Scenic Park
- Scenic Parkway
- Secondary Highway
- Secondary Highway (Modified)
- Secondary Scenic Highway
- Special Collector Street
- Super Major Highway

FREEWAYS

- Freeway
- Interchange
- On-Ramp / Off- Ramp
- Railroad
- Scenic Freeway Highway

MISC. LINES

- Airport Boundary
- Bus Line
- Coastal Zone Boundary
- Coastline Boundary
- Collector Scenic Street (Proposed)
- Commercial Areas
- Commercial Center
- Community Redevelopment Project Area
- Country Road
- DWP Power Lines
- Desirable Open Space
- Detached Single Family House
- Endangered Ridgeline
- Equestrian and/or Hiking Trail
- Hiking Trail
- Historical Preservation
- Horsekeeping Area
- Local Street
- MSA Desirable Open Space
- Major Scenic Controls
- Multi-Purpose Trail
- Natural Resource Reserve
- Park Road
- Park Road (Proposed)
- Quasi-Public
- Rapid Transit Line
- Residential Planned Development
- Scenic Highway (Obsolete)
- Secondary Scenic Controls
- Secondary Scenic Highway (Proposed)
- Site Boundary
- Southern California Edison Power
- Special Study Area
- Specific Plan Area
- Stagecoach Line
- Wildlife Corridor

POINTS OF INTEREST

- Alternative Youth Hostel (Proposed)
- Animal Shelter
- Area Library
- Area Library (Proposed)
- Bridge
- Campground
- Campground (Proposed)
- Cemetery
- HW Church
- City Hall
- Community Center
- Community Library
- Community Library (Proposed Expansion)
- Community Library (Proposed)
- Community Park
- Community Park (Proposed Expansion)
- Community Park (Proposed)
- Community Transit Center
- Convalescent Hospital
- Correctional Facility
- Cultural / Historic Site (Proposed)
- Cultural / Historical Site
- Cultural Arts Center
- DMV DMV Office
- DWP DWP
- DWP Pumping Station
- Equestrian Center
- HQ Fire Department Headquarters
- Fire Station
- Fire Station (Proposed Expansion)
- Fire Station (Proposed)
- Fire Supply & Maintenance
- Fire Training Site
- Fireboat Station
- Health Center / Medical Facility
- Helistop
- Historic Monument
- Historical / Cultural Monument
- Horsekeeping Area
- Horsekeeping Area (Proposed)
- Horticultural Center
- Hospital
- Hospital (Proposed)
- HW House of Worship
- e Important Ecological Area
- e Important Ecological Area (Proposed)
- Interpretive Center (Proposed)
- JC Junior College
- M MTA / Metrolink Station
- M MTA Station
- MTA Stop
- MWD MWD Headquarters
- Maintenance Yard
- Municipal Office Building
- P Municipal Parking lot
- Neighborhood Park
- Neighborhood Park (Proposed Expansion)
- Neighborhood Park (Proposed)
- Oil Collection Center
- P Parking Enforcement
- HQ Police Headquarters
- Police Station
- Police Station (Proposed Expansion)
- Police Station (Proposed)
- Police Training site
- PO Post Office
- Power Distribution Station
- Power Distribution Station (Proposed)
- Power Receiving Station
- Power Receiving Station (Proposed)
- C Private College
- E Private Elementary School
- Private Golf Course
- Private Golf Course (Proposed)
- JH Private Junior High School
- PS Private Pre-School
- Private Recreation & Cultural Facility
- SH Private Senior High School
- SF Private Special School
- E Public Elementary (Proposed Expansion)
- E Public Elementary School
- E Public Elementary School (Proposed)
- Public Golf Course
- Public Golf Course (Proposed)
- Public Housing
- Public Housing (Proposed Expansion)
- JH Public Junior High School
- JH Public Junior High School (Proposed)
- MS Public Middle School
- SH Public Senior High School
- SH Public Senior High School (Proposed)
- Pumping Station
- Pumping Station (Proposed)
- Refuse Collection Center
- Regional Library
- Regional Library (Proposed Expansion)
- Regional Library (Proposed)
- Regional Park
- Regional Park (Proposed)
- RPD Residential Plan Development
- Scenic View Site
- Scenic View Site (Proposed)
- ADM School District Headquarters
- SC School Unspecified Loc/Type (Proposed)
- Skill Center
- SS Social Services
- Special Feature
- Special Recreation (a)
- SF Special School Facility
- SF Special School Facility (Proposed)
- Steam Plant
- sm Surface Mining
- Trail & Assembly Area
- Trail & Assembly Area (Proposed)
- UTL Utility Yard
- Water Tank Reservoir
- Wildlife Migration Corridor
- Wildlife Preserve Gate

SCHOOLS/PARKS WITH 500 FT. BUFFER

- Existing School/Park Site
- Planned School/Park Site
- Inside 500 Ft. Buffer

- Aquatic Facilities
- Beaches
- Child Care Centers
- Dog Parks
- Golf Course
- Historic Sites
- Horticulture/Gardens
- Skate Parks
- Other Facilities
- Park / Recreation Centers
- Parks
- Performing / Visual Arts Centers
- Recreation Centers
- Senior Citizen Centers
- Opportunity School
- Charter School
- Elementary School
- Span School
- Special Education School
- High School
- Middle School
- Early Education Center

COASTAL ZONE

- Coastal Zone Commission Authority
- Calvo Exclusion Area
- Not in Coastal Zone
- Dual Jurisdictional Coastal Zone

TRANSIT ORIENTED COMMUNITIES (TOC)

- Tier 1
- Tier 2
- Tier 3
- Tier 4

Note: TOC Tier designation and map layers are for reference purposes only. Eligible projects shall demonstrate compliance with Tier eligibility standards prior to the issuance of any permits or approvals. As transit service changes, eligible TOC Incentive Areas will be updated.

WAIVER OF DEDICATION OR IMPROVEMENT

- Public Work Approval (PWA)
- Waiver of Dedication or Improvement (WDI)

LAMC SECTION 85.02 (VEHICLE DWELLING)

- No vehicle dwelling anytime
- No vehicle dwelling overnight between 9:00 PM - 6:00 AM. Must comply with all posted parking restrictions
- Vehicle dwelling allowed. Must comply with all posted parking restrictions

OTHER SYMBOLS

- Lot Line
- Tract Line
- Lot Cut
- Easement
- Zone Boundary
- Building Line
- Lot Split
- Community Driveway
- Building Outlines 2014
- Building Outlines 2008
- Airport Hazard Zone
- Census Tract
- Coastal Zone
- Council District
- LADBS District Office
- Downtown Parking
- Fault Zone
- Fire District No. 1
- Tract Map
- Parcel Map
- Flood Zone
- Hazardous Waste
- High Wind Zone
- Hillside Grading
- Historic Preservation Overlay Zone
- Specific Plan Area
- Very High Fire Hazard Severity Zone
- Oil Wells

^_LACoFD^_ Public Records Center:: H010533-061919

From: LACoFD (lacountyfire@mycusthelp.net)

To: heather@frenviro.com

Date: Tuesday, July 9, 2019, 11:22 AM EDT

--- Please respond above this line ---

RE: PRA of June 19, 2019, Reference # H010533-061919.

Dear Fulcrum Resources Heather Conner,

The Los Angeles County Fire Department, Health Hazardous Materials Division, being the custodian or keeper of records, certify that a thorough search for the records you requested has been carried out.

Re: 141 W AVENUE 34
LOS ANGELES CA 90031

The search revealed that no records were found for the above noted address.

It should be understood that this does not mean that the records you requested do not exist. It is possible that such records may be misfiled; exist under another spelling, another name, or may have been destroyed based on this Department's Record Retention Policy. However, with the information furnished to our office, and to the best of our knowledge, no records were located.

For businesses in Burbank, CulverCity, Downey, City of LA, La Habra, Monrovia, Pasadena, Santa Monica, Torrance& Underground Storage Tanks in Los Angeles County jurisdiction click here.

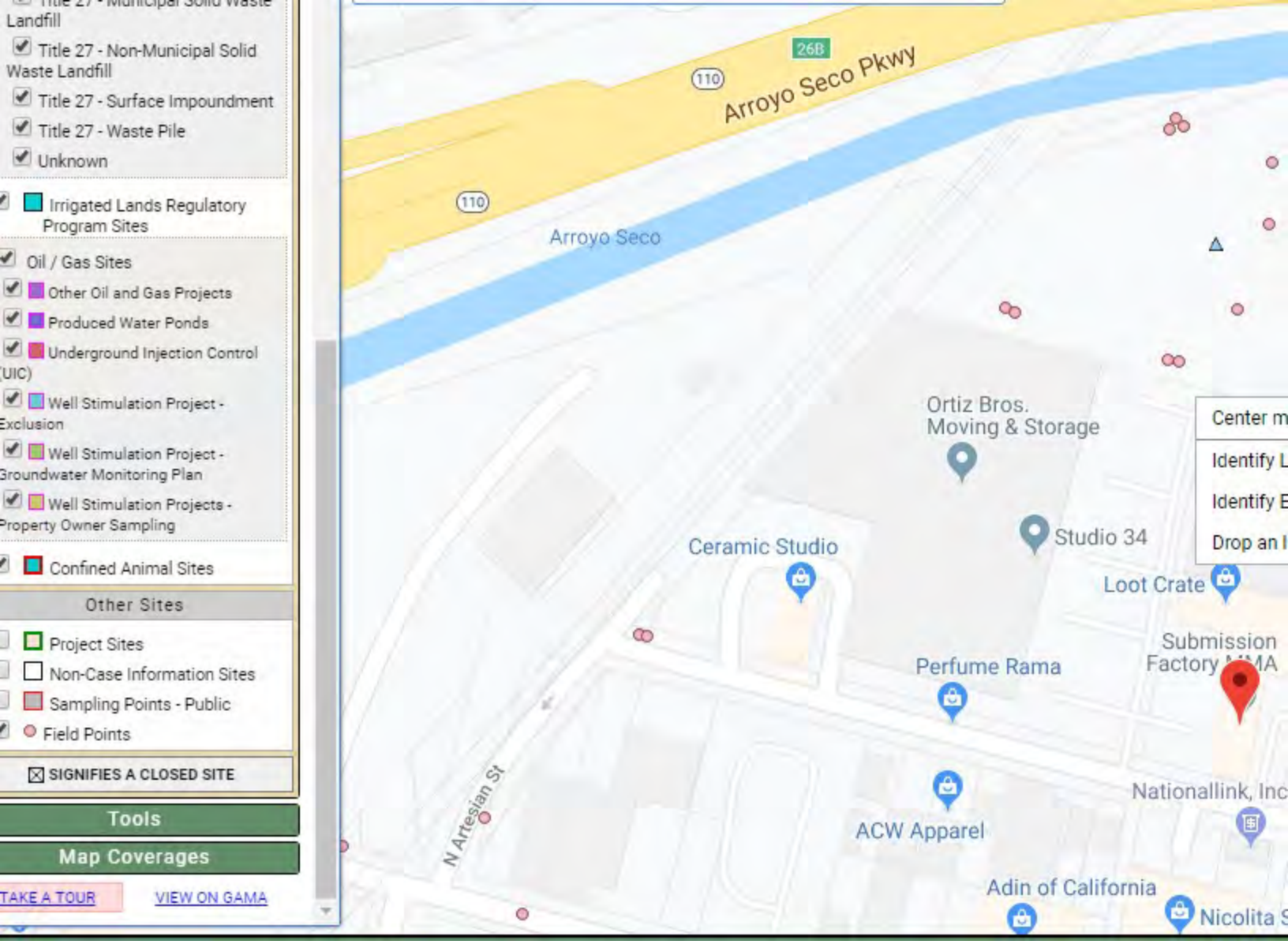
If you have any questions regarding your request, please contact our office at (323) 890-4107.

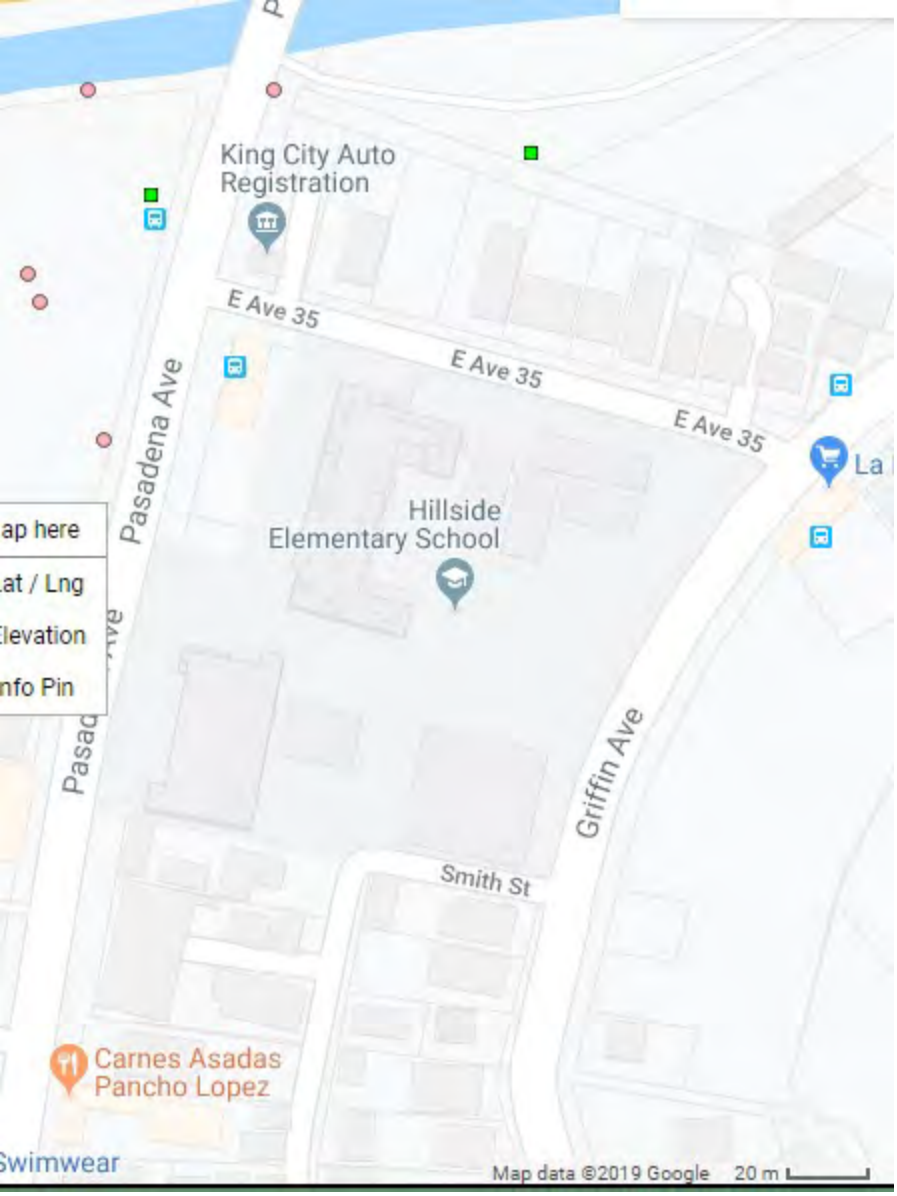
Los Angeles County Fire Department

Health Hazardous Materials Division

Site Administrator

County of Los Angeles
Fire Department


Landfill
Title 27 - Non-Municipal Solid Waste Landfill
Title 27 - Surface Impoundment
Title 27 - Waste Pile
Unknown
Irrigated Lands Regulatory Program Sites
Oil / Gas Sites
Other Oil and Gas Projects
Produced Water Ponds
Underground Injection Control (UIC)
Well Stimulation Project - Exclusion
Well Stimulation Project - Groundwater Monitoring Plan
Well Stimulation Projects - Property Owner Sampling
Confined Animal Sites
Other Sites
Project Sites
Non-Case Information Sites
Sampling Points - Public
Field Points
SIGNIFIES A CLOSED SITE
Tools
Map Coverages
TAKE A TOUR
VIEW ON GAMA
26B
110
Arroyo Seco Pkwy
Arroyo Seco
Ortiz Bros. Moving & Storage
Ceramic Studio
Studio 34
Loot Crate
Perfume Rama
Submission Factory
ACW Apparel
Nationallink, Inc
N Artesian St
Adin of California
Nicolita
Center m
Identify L
Identify E
Drop an I


King City Auto Registration
E Ave 35
E Ave 35
E Ave 35
Pasadena Ave
Hillside Elementary School
Griffin Ave
Smith St
Carnes Asadas Pancho Lopez
Swimwear
Map data ©2019 Google
20 m

COPY

ORSWELL & KASMAN, INC.
Environmental Assessments & Consulting

September 28, 2012

Mr. Robert Gonzales
Citizens Business Bank
1010 East Colorado Boulevard
Pasadena, CA 91106

Re: Phase I Environmental Site Assessment Report

Dear Robert:

Enclosed is our Phase I Environmental Site Assessment Report on the multi-tenant commercial property located at 135, 141 and 153 West Avenue 34 and 3401 and 3433 Pasadena Avenue in Los Angeles. Also enclosed is our invoice for services.

Effective July 1, 2012, the Governor of California terminated the California Registered Environmental Assessors (REA) Program. What does this mean for our clients? Nothing. Orswell & Kasman, Inc. will continue to prepare the same quality reports our customers have been accustomed to receiving. The USEPA and ASTM International have set standards which define the qualifications of environmental professionals. Although there is no longer a California registration program, all of our reports will be prepared by trained environmental assessors and reviewed by an ASTM Qualified Environmental Professional

If you should have any questions concerning any information in the report, please feel free to call me. Thanks again for the opportunity to be of service.

Sincerely,

James Orswell
Environmental Assessor

JO/dm
Enclosures

316 West Foothill Boulevard, Monrovia, CA 91016
(626) 932-1800 Fax (626) 932-1807
www.orswell-kasman.com

PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

SUBJECT PROPERTY:	MULTI-TENANT COMMERCIAL PROPERTY 135, 141 AND 153 WEST AVENUE 34 AND 3401 AND 3433 PASADENA AVENUE LOS ANGELES, CALIFORNIA 90031
REPORT DATE:	SEPTEMBER 28, 2012
CLIENT:	MR. ROBERT GONZALES CITIZENS BUSINESS BANK 1010 EAST COLORADO BOULEVARD PASADENA, CALIFORNIA 91106
PREPARED FOR:	CITIZENS BUSINESS BANK, CDC SMALL BUSINESS FINANCE AND THE U.S. SMALL BUSNIESS ADMINISTRATION

PREPARED BY:

JAMES R. ORSWELL
ENVIRONMENTAL ASSESSOR

REVIEWED BY:

MARTIN A. KASMAN
PROJECT MANAGER

P12260

This report was prepared in conformance to meet or exceed the scope and limitations as set forth by the American Society for Testing & Materials (ASTM) Standard Practice E 1527-05. It is for the express use of the client, and its contents are considered to be privileged and confidential. Acceptance of this report constitutes an agreement by the client to assume full liability for information contained herein. This report is for the sole use and interpretation of the client, and it is not to be reproduced or distributed to outside parties. The information in this report is furnished in good faith and was obtained from sources and databases considered to be reliable; however, the accuracy of the information cannot be guaranteed.

Prepared by
ORSWELL & KASMAN, INC.
316 West Foothill Boulevard ■ Monrovia, CA 91016
(626) 932-1800 ■ FAX (626) 932-1807
www.orswell-kasman.com

TABLE OF CONTENTS

1.0 SUMMARY

2.0 INTRODUCTION
- 2.1 Purpose
- 2.2 Detailed Scope of Services
- 2.3 Significant Assumptions
- 2.4 Limitations and Exceptions
- 2.5 Special Terms and Conditions
- 2.6 User Reliance

3.0 SITE DESCRIPTION
- 3.1 Location and Legal Description
- 3.2 Site and Vicinity General Characteristics
- 3.3 Current Use of Property
- 3.4 Descriptions of Structures, Roads, Other Improvements on the Site
- 3.5 Current Uses of the Adjoining Properties

4.0 USER PROVIDED INFORMATION
- 4.1 Title Records
- 4.2 Environmental Liens or Activity and Use Limitations
- 4.3 Specialized Knowledge
- 4.4 Commonly Known or Reasonably Ascertainable Information
- 4.5 Valuation Reduction for Environmental Issues
- 4.6 Owner, Property Manager, and Occupant Information
- 4.7 Reasons for Performing Phase I Environmental Site Assessment
- 4.8 Other User Provided Information

5.0 RECORDS REVIEW
- 5.1 Standard Environmental Records Sources
- 5.2 Additional Environmental Record Sources
- 5.3 Physical Setting Sources
- 5.4 Historical Use Information on the Property
- 5.5 Historical Use Information on the Adjoining Properties

6.0 SITE RECONNAISSANCE
- 6.1 Methodology and Limiting Conditions
- 6.2 General Site Setting
- 6.3 Subject Property Observations
- 6.4 Adjoining Property Observations

7.0 INTERVIEWS
- 7.1 Interview with Owner
- 7.2 Interview with Site Manager
- 7.3 Interviews with Occupants
- 7.4 Interviews with Local Government Officials
- 7.5 Interview with Others

TABLE OF CONTENTS (continued)

8.0 FINDINGS
- 8.1 Recognized Environmental Conditions
- 8.2 Historical Recognized Environmental Conditions

9.0 OPINION

10.0 CONCLUSIONS

11.0 DEVIATIONS

12.0 ADDITIONAL SERVICES

13.0 REFERENCES

14.0 STATEMENT OF ENVIRONMENTAL PROFESSIONALS

15.0 APPENDICES
- 15.1 Site and Vicinity Map
- 15.2 Site Plan
- 15.3 Site and Vicinity Photographs
- 15.4 Historical Research Documentation
- 15.5 Regulatory Records Documentation
- 15.6 Interview and Research Documentation
- 15.7 Special Contractual Conditions between User and Environmental Professional
- 15.8 Qualifications of the Environmental Professionals

ORSWELL & KASMAN, INC.
PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

MULTI-TENANT COMMERCIAL PROPERTY
135, 141 AND 153 WEST AVENUE 34
3401 AND 3433 PASADENA AVENUE
LOS ANGELES, CALIFORNIA 90031

1.0 SUMMARY

Based on a review of regulatory records, historical site information, and a visual inspection of the subject property and surrounding area, this assessment has revealed no *recognized environmental conditions* or *historical recognized environmental conditions* in connection with the Property, except as follows:

1) The subject property is occupied by multiple tenants. The 3433 Pasadena Avenue building is currently occupied by Warner Brothers Studios, a prop and set design business. The business stores and uses large quantities of water-based paint, and waste paint is generated by the business activities. The hazardous materials and hazardous wastes appear to be properly stored and managed and no significant spills or leaks were observed on the premises; and

2) Eleven offsite locations have been identified as potential risks or threats to the subject property. According to the data, ten of the sites are not located in the near vicinity, and there is no indication that contaminants from these sites have migrated onto the subject property.

   The former Welch's Uniform Facility site (#5 on map), 3505 Pasadena Avenue, is located on the adjacent property to the north, and the business is identified by State of California Environmental Protection Agency (CAL-EPA) Department of Toxic Substances Control (DTSC) as an active hazardous waste site. According to the DTSC CalSite database records, the site was previously occupied by Welch's Uniform and the property was used as a laundry and uniform rental facility over a 70 year period. Environmental studies indicate the soil and groundwater beneath the facility is contaminated with volatile organic compounds including trichloroethene (TCE). In addition, the former Welch's Uniform Rental site is identified by the State of California Regional Water Quality Control Board (RWQCB) as having two open RWQCB Cleanup Program sites. The first case was first opened in December 1987. According to the RWQCB records, the groundwater was contaminated with non-petroleum hydrocarbons, and the site is undergoing verification monitoring. The second case was opened in December 1998 and the site is undergoing an assessment. A review of the City of Los Angeles Fire Department (LAFD) records revealed Welch's Uniform applied for a permit to remove a 2,000-gallon underground diesel fuel tank in 1987. Soil sampling beneath the tank revealed significant Total Petroleum Hydrocarbon as gasoline (TPH-g)

contamination (8,600 ppm). The groundwater beneath the site was determined to be about 35 feet below the ground surface, and the groundwater flows away from the subject property in a west-northwest direction. In February 1988, Welch's Uniform applied for a permit to abandon five underground storage tanks in-place, and in December 1988, Welch's Uniform applied for a permit to remove five additional underground storage tanks. In May 2004, Welch's Uniform applied for a permit to remove one additional 1,000-gallon underground storage tank. Soil sampling beneath the tank did not detect any contamination problems, and on October 26, 2004, the DPW/UGT issued a no further action letter for the closure of the 1,000-gallon underground tank. An inspection of the property revealed the site is currently a vacant lot, and remedial activities were being conducted on the site.

Should it be determined the groundwater beneath the subject property has in fact been impacted by the Former Welch's Uniform Rental site, it is the policy of the State of California and the United States Environmental Protection Agency not to hold property owners responsible for costs to clean up contaminated groundwater beneath their property, unless the owners contributed to the problem. There is no indication from a review of the regulatory records and a site inspection that the subject property has had any problems concerning the storage, usage or disposal of hazardous materials, and it appears the former Welch's Uniform Rental site is in the process of addressing the contamination problem.

Our review of regulatory and historical records, a visual inspection of the site and surrounding area, and interviews with the property owner and the safety manager for Warner Brothers Studios has found no evidence of other *recognized environmental conditions or historical recognized environmental conditions* which are likely to impact the subject property. Although data failure occurred in the historical uses of the Property prior to 1906, it is unlikely the data failure will impact the ability to identify *recognized environmental conditions.* Based on the results of this assessment, no further environmental studies are recommended for the site.

2.0 INTRODUCTION

2.1 Purpose

The purpose of this Phase I Environmental Site Assessment is to determine if any *recognized environmental conditions* or *historical recognized environmental conditions* exist on or near the subject property. As defined by ASTM Standard Practice E 1527-05, a *recognized environmental condition* is the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release into structures on the property or into the ground, groundwater, or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include *de minimis* conditions that generally do not present a material risk of harm to public

health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

The ASTM Standard defines a *historical recognized environmental condition* as a condition which in the past would have been considered a *recognized environmental condition*, but which may or may not be considered a *recognized environmental condition* currently. If a past release of any hazardous substance or petroleum products has occurred in connection with the property and has been remediated, with such remediation accepted by the responsible regulatory agency, this condition shall be considered a *historical recognized environmental condition.*

The ASTM Standard Practice E 1527-05 requires all obvious uses of the Property shall be identified at five year intervals from the present, back to the Property's first developed use, or back to 1940, whichever is earlier, using standard historical sources. Developed use includes agricultural uses or placement of fill dirt. Data failure occurs when these objectives are not met. Our review of standard historical sources include aerial photographs, fire insurance maps, local street directories, and building department or assessor's property records. Our experience in performing Phase I Environmental Site Assessments since 1990 has determined that the other standard historical sources identified in the ASTM Standard Practice E 1527-05 are not reasonably obtainable or likely to be sufficiently useful, accurate, or complete in terms of satisfying the objectives.

2.2 Detailed Scope of Services

This report is based on a preliminary study into the past and current uses of the subject property and the surrounding area. The report includes a visual inspection of the property and adjacent sites, and a review of regulatory agency records, aerial photographs, and other historic record sources. Also included in this report are maps, diagrams, and photographs pertaining to this site.

2.3 Significant Assumptions

The information in this report is furnished in good faith and was obtained from sources and databases considered to be reliable; however, nothing in this report should be construed as a promise or guarantee that the subject property is free of environmental hazards. In many instances, this report relies on regulatory database information provided by federal, state and local governmental agencies. Although the database information used in this report consists of the most recently released records, it may not reflect the actual current status of the case.

2.4 Limitations and Exceptions

This report was prepared in conformance to meet or exceed the scope and practice as set forth by the American Society for Testing & Materials (ASTM) Standard Practice E 1527-05, "Standard Practice of Environmental Site Assessments: Phase I Environmental Site Assessment Process." No tests were conducted, and no samples of air, water, soil or building materials were taken.

This report is limited in nature and should not be construed to be a characterization of environmental regulatory compliance or of any conditions above or below grade. The evaluations in this report are based on information provided by interviews, readily accessible regulatory and historical records and observations made during the site inspection. No independent verification of the information was obtained or performed by Orswell & Kasman, Inc.

Orswell & Kasman, Inc. prepared this report in a competent and professional manner in accordance with sound industry standards, practices and procedures. No warranty is provided regarding the actual site conditions described in this report beyond matters amenable to visual confirmation. We make no representation or warranty regarding the accuracy or reliability of information or documents provided by others and contained within this report.

2.5 Special Terms and Conditions

No special terms or conditions have been incorporated into the preparation of this report. There were also no limiting physical conditions such as rain or lack of electrical power, that had a limiting effect on the site inspection.

2.6 User Reliance

This report is prepared for the express use of the client, and its contents are considered to be privileged and confidential. Acceptance of this report constitutes an agreement by the client to assume full liability for information contained herein. This report is for the sole use and interpretation of the client and it is not be reproduced or distributed to outside parties.

3.0 SITE DESCRIPTION

3.1 Location and Legal Description

The subject property, 135, 141 and 153 West Avenue 34 and 3401 and 3433 Pasadena Avenue, Los Angeles, California, is located at the northwest corner of West Avenue 34 and Pasadena Avenue. The property is described as Los Angeles County Tax Assessor's Parcel Numbers (APNs) 5205-004-003, 5205-004-005, 5205-004-007 and 5205-004-011.

3.2 Site and Vicinity General Characteristics

The site consists of five industrial buildings with paved parking and storage areas, located in a mixed industrial, commercial and residential area of Los Angeles (see site plan).

3.3 Current Use of Property

The subject property is currently occupied by Ortiz Bros. Moving and Storage, Submission Factory, Water Wellness and Warner Brothers Studios. No heavy manufacturing activities take place on the site.

3.4 Descriptions of Structures, Roads, Other Improvements On Site

The subject property is occupied by five single-story light-industrial buildings, which are described as follows:

The 3401 Pasadena Avenue building consists of a single-story wood-frame and brick light-industrial structure which is divided into an office area and a warehouse area.

The 3433 Pasadena Avenue building consists of a single-story wood-frame and concrete-block light-industrial structure which is divided into an office area and a production area.

The 135 West Avenue 34 building consists of a single-story corrugated steel warehouse.

The 141 West Avenue 34 building consists of a large industrial warehouse which is divided into an office area and a warehouse area.

The 153 West Avenue 34 building consists of a single-story brick light-industrial building.

The heating, ventilation and air conditioning (HVAC) systems for the buildings appear to be mounted on the roofs of the three larger buildings and on the side of the 141 Avenue 34 building. No HVAC systems were observed for the smaller buildings located on Avenue 34. There are asphalt and concrete paved parking areas and open storage areas surrounding the buildings. The site and surrounding area are fairly level, and the subject property is connected to the municipal water and sewage systems.

3.5 Current Uses of the Adjoining Properties

North of the subject property is a vacant lot. Pasadena Avenue is to the east, and further east is Hillside Elementary School, an apartment building and several residences. Avenue 34 is to the south, and further south are several residences, three unidentified commercial buildings, a parking lot and two additional commercial buildings which are occupied by VGA Apparel and an unidentified screen printing business. West of the site is a railroad right-of-way and further west is an unidentified industrial building and a large parking lot.

4.0 USER PROVIDED INFORMATION

4.1 Title Records

No recorded land title records were provided by the client for review.

4.2 Environmental Liens or Activity and Use Limitations

The client has not provided any information concerning environmental liens or activity and use limitations.

4.3 Specialized Knowledge

No specialized knowledge of *recognized environmental conditions* or *historical recognized environmental conditions* in connection with the subject property has been provided by the client.

4.4 Commonly Known or Reasonably Ascertainable Information

The client has not provided any commonly known or reasonably ascertainable information within the local community about the subject property that is material to *recognized environmental conditions* in connection with the site.

4.5 Valuation Reduction for Environmental Issues

No information has been provided by the client which indicates the subject property is being sold or purchased at a significantly reduced price due to outstanding environmental issues.

4.6 Owner, Property Manager, and Occupant Information

Information provided by the owner, property manager, and/or occupants of the site are included in this report under Section 7.0, Interviews.

4.7 Reasons for Performing Phase I Environmental Site Assessment

The reasons for performing this Phase I Environmental Site Assessment are to satisfy commercial real estate lending requirements or provide due diligence information concerning the historical uses and current condition of the site.

4.8 Other User Provided Information

A Phase I Environmental Site Assessment Report was completed for the 141 Avenue 34 building by Orswell & Kasman, Inc. on March 2, 2000. The report indicates that the 141 Avenue 34

building was occupied by Studio 34, a film production studio and Select Storage, a storage facility. The report states that small quantities of water-based and oil-based paints were used and stored inside the building and the materials appeared to be properly stored and managed. The report stated that the property owner, Eric Ortiz was interviewed, and Mr. Ortiz stated the production companies are responsible for the disposal of any paint wastes which are generated inside the production areas. He was not aware of any chemical spills or contamination problems with the site. The report concluded that the adjacent property to the north (Welch's Uniforms) was identified as a clean-up site that was addressing the contamination problem, and based on the results of the assessment, no further environmental studies were recommended for the site.

A Phase I Environmental Site Assessment Report was completed on the 135 Avenue 34 and 3401 Pasadena Avenue buildings by Orswell & Kasman, Inc. on August 1, 2005. The report indicates that the buildings were occupied by United Finishing and Laminating, a commercial laminating business. The report states that small quantities of lubricating oil, bio-degradable detergents, glues and gear oil were observed to be used and stored inside the building and the materials appeared to be properly stored and managed. The report stated that the business owner, Pat Moller was interviewed, and Mr. Moller stated the business used and stored small quantities of hazardous materials, which were stored in five-gallon containers inside a fenced compound in the storage yard, and he said no hazardous wastes are generated from the business operations. He was not aware of any chemical spills or contamination problems with the site. The report concluded that the adjacent property to the north (Welch's Uniforms) was identified as a clean-up site that was addressing the contamination problem, and based on the results of the assessment, no further environmental studies were recommended for the site.

5.0 RECORDS REVIEW

5.1 Standard Environmental Records Sources

FEDERAL AGENCY RECORDS

United States Environmental Protection Agency (USEPA)
National Priorities List

The National Priorities List (NPL) identifies abandoned or uncontrolled hazardous waste sites which have been identified as possibly representing a long-term threat to the public health or environment. These sites have been identified as being highly contaminated with hazardous substances and represent the USEPA's target enforcement and cleanup efforts. Studies of individual sites are conducted by the USEPA to determine level of contamination, and the sites are then compared and ranked to other sites on the NPL.

A review of the USEPA National Priorities List dated September 2011 indicates there are no proposed, final or delisted sites within one mile of the subject property.

Phase I Environmental Site Assessment Report
135, 141 and 153 West Avenue 34
3401 and 3433 Pasadena Avenue
September 28, 2012

United States Environmental Protection Agency (USEPA)
Federal Superfund Liens List

The USEPA maintains a list of Superfund Lien sites that have been issued on properties throughout the United States. These sites have been remediated through the expenditures of Superfund monies; the purpose of the lien is to prevent the property owner from gaining a financial benefit from the federal government's cleanup and restoration activities.

A review of the July 2011 Federal Superfund List revealed there are no Superfund Liens on or adjacent to the site.

United States Environmental Protection Agency (USEPA)
Comprehensive Environmental Response, Compensation
and Liability Information System (CERCLIS)

The USEPA has developed a database known as CERCLIS which contains information on potential hazardous waste sites located throughout the United States. There are over 33,000 sites on the CERCLIS inventory. All sites are subjected to a preliminary assessment and thereafter are either placed on the National Priority List (NPL) or are placed in a category for those sites requiring no further Federal Superfund action.

A review of the September 2011 CERCLIS report indicates there are three CERCLIS sites within a ½ mile radius of the subject property:

Kennington Ltd. (ITT Cannon) (#1 on map)
3209 Humboldt Street
Los Angeles, CA 90031

This site investigation was opened in February 1994. According to the records, a preliminary assessment was completed in August 2001, and a site reassessment was completed in May 2006. No further remedial action has been reported for this site.

NI West Incorporated (#2 on map)
3011 Humboldt Street
Los Angeles, CA 90031

This site investigation was opened in January 1993. According to the records, a combined preliminary assessment and site assessment was completed in September 2005. No further remedial action has been reported for this site.

Jaybee Ajax Manufacturing (#3 on map)
301 West Avenue 26
Los Angeles, CA 90031

This site investigation was opened in March 2000. According to the records, a preliminary assessment was started in October 2002 and in July 2007. No further remedial action has been reported for this site.

There is one listed "No Further Required Action Planned" (NFRAP) site identified within a ½ mile radius:

Baron Manufacturing (#4 on map)
241 Avenue 26
Los Angeles, CA 90031

This site investigation was opened in June 1981, and a preliminary assessment was completed in September 1984. The investigation concluded that the facility does not qualify for the NPL and no further required actions are planned for this site.

United States Environmental Protection Agency (USEPA)
Resource Conservation and Recovery Act (RCRA)
Treatment, Storage or Disposal Facilities (TSDF)

The USEPA maintains a list of facilities which have been authorized to receive hazardous waste. These facilities have permits to treat, store, or dispose of the waste, as determined by the RCRA regulations. In addition, the USEPA publishes a list of those facilities who are subject to a corrective action, based on the facilities' waste handling and storage procedures. The facilities which are subject to a corrective action are identified as CORRACTS sites.

A review of the March 2011 RCRA TSDF list determined there are no known CORRACTS facilities within a one mile radius of the subject property. In addition, there are no non-CORRACTS TSD facilities listed within a ½ mile radius.

United States Environmental Protection Agency (USEPA)
Resource Conservation and Recovery Act (RCRA)
Hazardous Waste Generators

The USEPA maintains a list of facilities which are identified as generators of large and small quantities of hazardous waste. These facilities have permits to generate, store and dispose of the waste, as determined by the RCRA regulations.

A review of the March 2011 RCRA Hazardous Waste Generators list determined the subject property (American Caster Corporation, 141 West Avenue 34; Bad Teacher Construction

Warehouse, 3433 Pasadena Avenue) is identified as a small quantity hazardous waste generator. In addition, there are records of a large quantity hazardous waste generator identified on the adjacent property to the north (former Welch's Uniform site, 3505 Pasadena Avenue), and a small quantity hazardous waste generator to the east (Los Angeles Unified School District Hillside Elementary, 120 East Avenue 35),

United States Environmental Protection Agency (USEPA)
Institutional Control / Engineering Control Registries

The USEPA maintains a list of institutional and engineering controls for the purpose of tracking sites that may contain residual contamination or have activity and use limitations. Engineering controls are engineering measures designed to minimize the potential for human exposure to contamination by either limiting direct contact with contaminated areas or controlling migration of contaminants. Institutional controls are non-engineering controls used to restrict land use or land access in order to protect people and the environment from exposure to hazardous substances remaining at the site or facility.

A review of the September 2006 USEPA Institutional Control / Engineering Control Registry did not identify the subject property as having institutional or engineering controls.

United States Environmental Protection Agency (USEPA)
Office of Emergency and Remedial Response
Emergency Response Notification System (ERNS)

The USEPA maintains a list of locations which have reported a release of oil or hazardous substances to the federal government. Most of the data in this system is based on information that was received during the initial notification.

A review of the ERNS list for 1999 determined there are no reported incidents on the subject property.

United States Department of Homeland Security
United States Coast Guard
National Response Center (NRC)

The NRC is the national point of contact for reporting all oil, chemical, radiological, biological and etiological discharges into the environment anywhere in the United States and its territories. In addition to gathering and distributing spill data for Federal On-Scene Coordinators and serving as the communications and operations center for the National Response Team, the NRC maintains agreements with a variety of federal entities to make additional notifications regarding incidents meeting established trigger criteria.

Phase I Environmental Site Assessment Report
135, 141 and 153 West Avenue 34
3401 and 3433 Pasadena Avenue
September 28, 2012

A review of the NRC list for 2012 determined there are no reported incidents on the subject property.

STATE AGENCY RECORDS

State of California
Environmental Protection Agency (CAL-EPA)
Department of Toxic Substances Control (DTSC)

CAL-EPA is responsible for the regulation and enforcement of environmental health laws within the state of California, as set forth by the California Health and Safety Code. CAL-EPA is also designated by the USEPA to assist in enforcing federal environmental laws. CAL-EPA regulates companies involved in the generation, transportation, storage and disposal of hazardous substances. CAL-EPA records include the "CalSites" database, which is a listing of 7,800 known active, inactive and abandoned hazardous waste sites. These sites have previously been reported in the Abandoned Site Program Information System (ASPIS), Bond Expenditure Plan (BEP), and Cortese databases. CAL-EPA records also include a listing of the California Integrated Waste Management Board's "Active" and "Closed and Inactive" landfills database.

A review of the January 2012 CAL-EPA records determined there are six listed "CalSite" facilities within one mile of the subject property:

Kennington (#1 on map)
3209 Humboldt Street
Los Angeles, CA 90031

This site was placed in "Active" status in April 1996. According to the records, the soil is contaminated with polychlorinated biphenyls (PCBs), tetrachloroethylene (PCE), and other chemicals. A site investigation or remediation of the site is currently in progress.

Jaybee Site at Lincoln Heights (#3 on map)
301 West Avenue 26
Los Angeles, CA 90031

This site was placed in "Active" status in April 2004. According to the records, the soil is contaminated with naphthalene, toluene, and other chemicals. A site investigation or remediation of the site is currently in progress.

Phase I Environmental Site Assessment Report
135, 141 and 153 West Avenue 34
3401 and 3433 Pasadena Avenue
September 28, 2012

Former Welch's Uniform Facility (#5 on map)
3505 Pasadena Avenue
Los Angeles, CA 90031

This site was placed in "Active" status in May 2007. According to the records, the soil is contaminated with trichloroethylene (TCE). A site investigation or remediation of the site is currently in progress. According to the records, the site was previously occupied by Welch's Uniform and has been used as a laundry and uniform rental facility over a 70 year period. Environmental studies conducted at the site indicate the soil and groundwater beneath the facility is contaminated with volatile organic compounds including trichloroethene (TCE).

Loreto Street Elementary School Addition (#6 on map)
3408 Arroyo Seco Avenue
Los Angeles, CA 90065

This site was placed in "Inactive - Needs Evaluation" status in September 2006. DTSC has determined that a Preliminary Endangerment Assessment or other evaluation is required.

Victor Industrial Battery (#7 on map)
138 North San Fernando Road
Los Angeles, CA 90031

This site was placed in "Certified Operation and Maintenance – Land Use Restrictions" status in March 1995. According to the records, the soil is potentially contaminated with liquids with PH<=2, acid solution 2>PH with metals, and other chemicals. Properties with Land Use Restrictions have limits on future property uses required by DTSC due to residual levels of contamination or the type of cleanup actions conducted.

National Aircraft Equipment Co. (#8 on map)
275 North Avenue 19
Los Angeles, CA 90031

This site was placed in "Inactive - Needs Evaluation" status in July 2005. DTSC has determined that a Preliminary Endangerment Assessment or other evaluation is required.

There are no active, closed or inactive landfill sites within a ½ mile radius of the subject property.

Phase I Environmental Site Assessment Report
135, 141 and 153 West Avenue 34
3401 and 3433 Pasadena Avenue
September 28, 2012

State of California
Environmental Protection Agency (CAL-EPA)
Department of Toxic Substances Control (DTSC)
Land Use Covenants

CAL-EPA/DTSC utilizes Land Use Covenants (LUCs) to protect the public from unsafe exposures to residual contamination that is left in place after site remediation activities have been completed. The LUC imposes limitations on land use when hazardous materials, wastes, or substances remain on the property at levels which are not suitable for unrestricted use of the land. The LUC includes easements, servitudes, covenants, and restrictions which run with the land and continue into perpetuity unless modified or terminated in accordance with applicable law. All LUCs are signed by the DTSC and the landowner, and recorded in the county where the land is located.

A review of the January 2012 DTSC database records did not identify any deed restrictions on the subject property.

State of California
Water Resources Control Board
Regional Water Quality Control Board (RWQCB)
Land Use Covenants

RWQCB utilizes Land Use Covenants (LUCs) to protect the public from unsafe exposures to residual contamination that is left in place after site remediation activities have been completed. The LUC imposes limitations on land use when hazardous materials, wastes, or substances remain on the property at levels which are not suitable for unrestricted use of the land. The LUC includes easements, servitudes, covenants, and restrictions which run with the land and continue into perpetuity unless modified or terminated in accordance with applicable law. All LUCs are signed by the RWQCB and the landowner, and recorded in the county where the land is located.

A review of the June 2011 RWQCB database records did not identify any deed restrictions on the subject property.

State of California
Water Resources Control Board
Regional Water Quality Control Board (RWQCB)

The RWQCB is responsible for monitoring the quality and flow of groundwater, and they address other potential threats to the groundwater from surface spills and leaks. The RWQCB monitors the contamination problem, the investigation and any remedial action. Their database information includes active and closed Cleanup Program Sites, Land Disposal Sites, Leaking Underground Storage Tank (LUST) Sites, Military Cleanup Sites, Military Privatized Sites,

Military Underground Storage Tank Sites and registered underground storage tank sites (RWQCB sites) within the State of California.

A review of the January 2012 RWQCB records determined the subject property is not listed as a known RWQCB site. According to the records, there is one known open RWQCB LUST site within a ½ mile radius of the subject property:

Chevron Station #9-3707 (#9 on map)
2601 North Figueroa Street
Los Angeles, CA 90065

This site was opened in September 1992. According to the records, the site is identified as an open LUST Cleanup Site that is undergoing a site assessment.

According to the records, there are one active non-LUST RWQCB Cleanup sites adjacent to the subject property:

Former Welch's Uniform Rental Site (#5 on map)
3505 Pasadena Avenue
Los Angeles, CA 90031

This case was first opened in December 1987, and the site is identified as an open Cleanup Program Site that is undergoing verification monitoring. According to the records, the groundwater is contaminated with non-petroleum hydrocarbon. A second case was opened in December 1998. According to the records, the site is identified as an open Cleanup Program Site that is undergoing a site assessment.

There are no records of registered underground storage tanks on the subject property, however, there are historical records of an underground storage tank on the adjacent property to the north (Welch's Uniform Rental Site, 3505 Pasadena Avenue).

5.2 Additional Environmental Record Sources

State of California
Department of Conservation
Division of Mines and Geology (CDMG)

The CDMG conducts studies, publishes maps, and provides information concerning the geological formations throughout the state of California. CDMG research information is combined with information from the United States Geological Survey and the ensuing geologic maps of the state are prepared. These geologic maps also illustrate the approximate locations of known earthquake faults.

A review of the area map published by CDMG indicates the geologic area surrounding the subject property consists of Recent alluvium, which includes alluvial fan, flood-plain, and streambed deposits. The client may wish to refer to the enclosed geologic map.

State of California
Department of Oil
Gas and Geothermal Resources (DOGGR)

The DOGGR regulates the drilling, operation and abandonment of gas and oil wells throughout the state of California. If an active, idle or abandoned well is located on or adjacent to a proposed construction site, DOGGR requires a site plan review prior to issuing a building permit. Abandoned oil wells must meet standards established in 1984.

A review of the area map published by DOGGR indicates there are no producing, idle or abandoned oil wells on or adjacent to the subject property. The client may wish to review the enclosed map.

South Coast Air Quality
Management District (AQMD)

The AQMD is responsible for the development and enforcement of regulations concerning air emissions and airborne hazards from stationary sources in the South Coast Air Basin. AQMD maintains a "Hot Spot" list of facilities whose air emissions pose as a risk to the surrounding community.

A review of the AQMD records determined there are no "Hot Spot" facilities on or adjacent to the subject property.

Los Angeles County
Department of Public Works
Waste Management Division (DPW/WMD)

DPW/WMD maintains maps showing the locations of active, inactive or future solid waste landfill sites in Los Angeles County.

A review of DPW's major waste systems map determined there are two landfill sites within a ½ mile radius of the subject property:

Los Angeles City (Lacy Street) (#10 on map)
400 Avenue 26
Los Angeles, CA 90031

According to the records, this site is listed as an inactive, Class II (municipal waste) landfill.

Phase I Environmental Site Assessment Report
135, 141 and 153 West Avenue 34
3401 and 3433 Pasadena Avenue
September 28, 2012

Unnamed Site (#11 on map)
Avenue 26 and Figueroa Street
Los Angeles, CA 90031

According to the records, this site is listed as an inactive, Class II (municipal waste) landfill.

Los Angeles County
Department of Public Works
Hydraulic/Water Conservation Division (DPW/HWC)

DPW/HWC maintains contour maps and data of the groundwater levels in the Los Angeles County area. The map shows the depth to the aquifer, as well as the approximate flow direction.

A review of this data revealed the site is located at an elevation of approximately 380 feet above sea level, and the closest well is located about ½ mile northwest of the site, at Cypress Avenue and Huron Street. The elevation of the well is 366 feet above sea level, and the groundwater levels are 327 feet above sea level, or 39 feet below the ground surface. Based on the topography of the area, the groundwater flow is expected to be to the west, although this cannot be confirmed due to lack of nearby wells.

Los Angeles County
Fire Department (LACOFD)
Health Hazardous Materials Division

LACOFD maintains inspection and inventory records of companies involved in the storage and use of hazardous materials, petrochemicals, or hazardous waste. LACOFD attempts to maintain a current record of the types of hazardous substances that are utilized or stored at a particular site, and conducts periodic inspections for safety and compliance. In addition, LACOFD maintains records concerning hazardous material sites in Los Angeles County, which are reported to LACOFD by various regulatory agencies. Upon receiving the report, LACOFD monitors the cleanup process on the contaminated site.

According to the LACOFD files, there are no records of hazardous material handlers or hazardous waste generators for the subject or adjacent properties. A review of the Active Mitigation Complaint Control Logs determined there are no listed sites on or adjacent to the subject property.

City of Los Angeles
Fire Department (LAFD)

LAFD maintains inspection and inventory records of companies involved in the storage and use of hazardous materials or petrochemicals. LAFD attempts to maintain a current record of the types of materials that are utilized at a particular site, and conducts periodic inspections for

safety and compliance. LAFD also maintains records on underground storage tanks, issues installation and removal permits, and monitors the contamination cleanup process.

A review of the LAFD files determined there are no records of underground storage tanks or hazardous materials inventories for the subject property.

A review of the LAFD files for 3505 Pasadena Avenue, which is the adjacent property to the north, revealed the site was previously occupied by Welch's Uniform. In 1987, Welch's Uniform applied for a permit to remove a 2,000-gallon underground diesel fuel tank. Soil sampling beneath the tank revealed significant Total Petroleum Hydrocarbon as gasoline (TPH-g) contamination (8,600 ppm). The groundwater beneath the site was determined to be about 35 feet below the ground surface, and the groundwater flows away from the subject property in a west-northwest direction. In February 1988, Welch's Uniform applied for a permit to abandon five underground storage tanks in-place, and in December 1988, Welch's Uniform applied for a permit to remove five additional underground storage tanks. In May 2004, Welch's Uniform applied for a permit to remove one additional 1,000-gallon underground storage tank. Soil sampling beneath the tank did not detect any contamination problems, and on October 26, 2004, the DPW/UGT issued a no further action letter for the closure of the 1,000-gallon underground tank.

5.3 Physical Setting Sources

A United States Geological Survey (USGS) 7.5 Minute Topographical map of the subject property and surrounding area is included in the appendices of the report. The map shows the locations of the identified offsite environmental risks or threats described in the report.

5.4 Historical Use Information on the Property

City of Los Angeles
Building Department

A review of the building records for the subject property located the following records:

Date	Activity	Owner
	135 Avenue 34	
01/23	Reroof building	East/Northeast Economic Dev. Corp.
	137 Avenue 34	
01/23	Move residence from 2639 Lacy Bel Avenue	Charles Mattingly
04/61	Demolish dwelling	Cannon Electric Co.

Phase I Environmental Site Assessment Report
135, 141 and 153 West Avenue 34
3401 and 3433 Pasadena Avenue
September 28, 2012

Date	Activity	Owner
	137½ Avenue 34	
01/23	Move residence from 2641 Lacy Bel Avenue	Charles Mattingly
04/61	Demolish dwelling	Cannon Electric Co.
	139 Avenue 34	
01/23	Move residence from 2643 Lacy Bel Avenue	Charles Mattingly
04/61	Demolish dwelling	Cannon Electric Co.
	141 Avenue 34	
07/16	Add two rooms to residence	Chas Fishback
07/16	Construct garage	Chas Fishback
02/28	Add two bedrooms to house	Felipe Villarreal
07/53	Construct garage	Joseph Gomez
08/56	Demolish building	Teal House Wreckers
08/74	Demolish storage building	East/Northeast Economic Dev. Corp.
	141-149 Avenue 34	
09/56	Construct parking lot	Cannon Electric Co.
04/77	Grade for building site	Los Angeles Economic Dev. Corp.
04/77	Encroach into 169 Ave. 34 & 3505 Pasadena Ave.	Los Angeles Economic Dev. Corp.
07/77	Construct foundation only for factory	Los Angeles Economic Dev. Corp.
08/77	Construct light manufacturing building	Los Angeles Economic Dev. Corp.
11/77	Add office partitions	Los Angeles Economic Dev. Corp.
12/77	Add storage tank for plastic pellets	Los Angeles Growing Corp.
	143 Avenue 34	
08/06	Construct dwelling	F.H. Small
08/56	Demolish building	Teal House Wreckers
08/74	Demolish storage building	East/Northeast Economic Dev. Corp.
	145 Avenue 34	
08/06	Construct dwelling	F.H. Small
08/56	Demolish building	Teal House Wreckers
08/74	Demolish storage building	East/Northeast Economic Dev. Corp.
	147 Avenue 34	
08/06	Construct dwelling	F.H. Small
08/56	Demolish building	Teal House Wreckers
08/74	Demolish storage building	East/Northeast Economic Dev. Corp.

Phase I Environmental Site Assessment Report
135, 141 and 153 West Avenue 34
3401 and 3433 Pasadena Avenue
September 28, 2012

Date	Activity	Owner
	149 Avenue 34	
08/06	Construct dwelling	F.H. Small
08/56	Demolish building	Teal House Wreckers
08/74	Demolish storage building	East/Northeast Economic Dev. Corp.
	151 Avenue 34	
08/74	Demolish storage building	East/Northeast Economic Dev. Corp.
	153 Avenue 34	
10/29	Construct factory	Frank Mark
08/05	Alter roof on dwelling	George Harris
03/66	Parapet corrections	M. Guillermo
12/00	Full compliance with division 88	Guillermo
	3407 Pasadena Avenue	
4/25	Construct private garage	John Murphy
--/45	Move building to 1037 North Avenue 63	Anne Bremer
06/45	Move garage to 123 West Avenue 34	Cubbison Bakery
08/46	Construct baking supply storage building	Cubbison Bakery
	3409 Pasadena Avenue	
08/12	Construct shed	John Murphy
02/23	Addition to residence	John Murphy
11/41	Add concrete floor for rat proofing	Cubbison Cracker Co.
	3411 Pasadena Avenue	
12/10	Construct shed	John Murphy
09/11	Construct shed	John Murphy
08/14	Rebuild porch on residence	John Murphy
09/36	Construct truck shelter	Sophie Cubbison
12/36	Construct storage building	Sophie Cubbison
09/40	Move residence to 9815 Telfair Avenue	L. Simon
04/54	Reroof shed and loading dock with metal roof	Cubbison's Bakery
	3413 Pasadena Avenue	
06/41	Add 30' x 96' to bakery	Cubbison Cracker Co.
	3415 Pasadena Avenue	
07/87	Reroof building	Illig Construction Co.
	3415-3419 Pasadena Avenue	
07/65	Parapet correction	Crocker Citizen Bank Trust Dept.
03/87	Full compliance with Division 88	Illig Investment Co.

Phase I Environmental Site Assessment Report
135, 141 and 153 West Avenue 34
3401 and 3433 Pasadena Avenue
September 28, 2012

Date	Activity	Owner
	3419 Pasadena Avenue	
09/25	Addition to bakery	Cubbison Bakery
09/25	Demolish old building	Cubbison Bakery
11/25	Construct private garage	Cubbison Bakery
06/28	Enlarge building	C.H. Cubbison
06/28	Remove brick and wood building	C.H. Cubbison
08/28	Add mezzanine	C.H. Cubbison
03/47	Add mezzanine	Cubbison Cracker Co.
04/55	Add toilets	Cubbison Cracker Co.
07/56	Interior partitions	Canon Electric Co., Lessee
	3421 Pasadena Avenue	
01/08	Construct residence	Mary Lawson
05/14	Add gas outlets	May Lawson
01/17	Add room to rear of house	James Smith
10/61	Demolish residence	Cannon Electric Co.
	3421-3423 Pasadena Avenue	
10/12	Repair residence	Jerry Hickey
	3423 Pasadena Avenue	
10/12	Construct residence	Mary Lawson
01/24	Construct real estate office	Catherine L. Condra
10/61	Demolish residence	Cannon Electric Co.
	3425 Pasadena Avenue	
07/51	Demolish residence	Stran Steel Products Co.
07/67	Prepare building site	Smith Mailer Co.
07/67	Construct industrial building	Smith Mailer Co.
08/67	Remove and re-compact loose fill soil	Smith Mailer Co.
08/67	Add 20'x85' to manufactured building	Smith Mailer Co.
	3429 Pasadena Avenue	
11/12	Add chimney to residence	Mrs. Zonberg
07/51	Demolish residence	Stran Steel Co.
	3431 Pasadena Avenue	
06/11	Add 6' to back porch	A. Fornberg
12/12	Build outside chimney	A. Fornberg
07/51	Demolish residence	Stran Steel Co.

Phase I Environmental Site Assessment Report
135, 141 and 153 West Avenue 34
3401 and 3433 Pasadena Avenue
September 28, 2012

Date	Activity	Owner
	3433 Pasadena Avenue	
01/74	Add 26'x96' metal carport	Smith Mailer Co.
	3437 Pasadena Avenue	
04/06	Construct cow barn	Mrs. Sherman Smith
01/37	Construct private garage	William G. Short
09/38	General repairs	H.H. Moser
08/56	Demolish residence	Teal House Wreckers

No other building or demolition permits were on file for the subject property.

County of Los Angeles
Assessor's Office

A review of the Assessor's records for the subject property determined that the light industrial building located at 3401 Pasadena Avenue was constructed in 1948. In addition, the light industrial building located at 3433 Pasadena Avenue was constructed in 1967, the warehouse located at 135 West Avenue 34 was constructed in the early 1940's, the warehouse located at 141 West Avenue 34 was constructed in 1977, and the commercial building located at 153 West Avenue 34 was constructed in 1929. The current property owner is identified as ED 1125 LLC.

Historical Aerial Photographs

A review of historical aerial photographs of the subject property determined the following information:

Date of Photo	Description
May 1938	The subject property is occupied by two industrial buildings, several residences and an open storage yard.
July 1948	The subject property is occupied by nine industrial buildings, several residences and an open storage yard.
August 1952	The subject property appears to be about the same as the 1948 photograph.
July 1964	The subject property is occupied by nine industrial buildings, two residences, several vacant lots and parking areas.
October 1972	The subject property is occupied by ten industrial buildings, open storage areas and parking areas.

Date of Photo	Description
October 1980	The subject property is occupied by the five existing industrial building buildings.
August 1989	The subject property appears to be about the same as the 1980 photograph.
May 1994	The subject property is occupied by the five existing industrial buildings.
March 1997	The subject property appears to be about the same as the 1994 photograph.
June 2002	The subject property is occupied by the five existing industrial buildings.
March 2011	The subject property appears to be about the same as the 2002 photograph.

Historic Sanborn Fire Insurance Maps

Sanborn Fire Insurance Maps provide information on commercial and industrial properties, based on risk data gathered for the fire insurance companies. The maps show the number of buildings located on the property, and the type of construction. The maps also describe the various businesses located nearby, and show the locations of tanks, boilers, and other potential hazards.

A review of the Sanborn Fire Insurance Map collections from 1867-1970, located three maps for the subject property:

Date of Map	Description
1906	The subject property is occupied by 16 residences, 10 sheds, two barns and a small bakery.
1920	The subject property is occupied by 21 residences, nine sheds, seven garages, a bakery and portions of the Los Angeles Rock and Gravel Co., which consisted of eight buildings which were used as oil houses, greases houses, a tool house, an office and an auto repair canopy.
1951	The subject property is occupied by 22 residences, eight garages, a bakery and 10 commercial buildings which were used for offices, warehousing, storage and as workshops.

Historic City Directory Search

City Directories provide information on residential, commercial and industrial properties, and list the business name and address. A review of the historic directories provides an overview of the current and previous occupants of the site.

A search of the Haines Criss Cross City Directories, dated 1972-2009, determined the subject property has been previously occupied by Smith Mailer Inc. (1972-1987), GT Price Products (1972), Alta Canada Corp. (1987), American Bearing (1987), Laramada Corp. (1987), Lorac Financial Services (1987), Metal Service Corp. (1987), American Caster Corp. (1987-1992), Ann Mar Inc. (1987), Empire Button Co. (1987), William Pile Printing (1987-1992) and Bob Baker Productions (1992).

A review of the building permit records, historical aerial photographs, Sanborn fire insurance maps, assessor records and historic city directories determined the 153 Avenue 34 building was constructed over 83 years ago and the site was previously occupied by residences. The 141 Avenue building was constructed in 1977, and the site was previously occupied by portions of the Los Angeles Rock and Gravel Co., which included structures used for auto repair and two oil houses. The 141 Avenue 34 building was previously occupied by The Steel Framing and Building Corporation, several light-industrial buildings and several residences. The 135 Avenue 34 building was constructed over 62 years ago and the site was previously occupied by residences. The 3401 Pasadena Avenue was constructed in 1948, and the site was previously occupied by another commercial building and residences. The 3433 Pasadena Avenue building was constructed in 1967 and the site was previously occupied by several residences. The city directory listings indicate the subject property was previously occupied by metal work and printing businesses.

5.5 Historical Use Information on the Adjoining Properties

Historical Aerial Photographs

A review of historical aerial photographs of the adjoining properties determined the following information:

Date of Photo	Description
May 1938	North of the subject property is a large industrial facility with several industrial buildings. To the east is Pasadena Avenue, and further east is a commercial building and several residences. To the south is Avenue 34, and further south is a commercial building and several residences. To the west is a railroad right-of-way, and further west is an industrial facility with several light-industrial buildings.
July 1948	North of the subject property is a large industrial facility with several industrial buildings. To the east is Pasadena Avenue, and further east is a commercial building and several residences. To the south is Avenue 34, and further south is a commercial building and several residences. To the west is a railroad right-of-way, and further west is an industrial facility with several light-industrial buildings.

Phase I Environmental Site Assessment Report
135, 141 and 153 West Avenue 34
3401 and 3433 Pasadena Avenue
September 28, 2012

Date of Photo	Description
August 1952	The surrounding properties appear to be about the same as the 1948 photograph.
July 1964	North of the subject property is a large industrial facility with several industrial buildings. To the east is Pasadena Avenue, and further east is a commercial building and several residences. To the south is Avenue 34, and further south is a commercial building, several residences and a large parking lot. To the west is a railroad right-of-way, and further west is an industrial facility with several light-industrial buildings.
October 1972	North of the subject property is a large industrial facility with several industrial buildings. To the east is Pasadena Avenue, and further east are several commercial buildings and several residences. To the south is Avenue 34, and further south is a commercial building, several residences and a large parking lot. To the west is a railroad right-of-way, and further west is an open storage yard.
October 1980	The surrounding properties appear to be about the same as the 1972 photograph.
August 1989	North of the subject property is a large industrial facility with several industrial buildings. To the east is Pasadena Avenue, and further east are several commercial buildings and several residences. To the south is Avenue 34, and further south are several commercial buildings, several residences and a large parking lot. To the west is a railroad right-of-way, and further west is a vacant lot.
May 1994	North of the subject property is a vacant lot. To the east is Pasadena Avenue, and further east are several commercial buildings and several residences. To the south is Avenue 34, and further south are several commercial buildings, several residences and a large parking lot. To the west is a railroad right-of-way, and further west is a vacant lot.
March 1997	The surrounding properties appear to be about the same as the 1994 photograph.
June 2002	North of the subject property is a vacant lot. To the east is Pasadena Avenue, and further east are several commercial buildings and several residences. To the south is Avenue 34, and further south are several commercial buildings, several residences and a large parking lot. To the west is a railroad right-of-way, and further west is a parking lot.

Date of Photo	Description
March 2011	North of the subject property is a vacant lot. To the east is Pasadena Avenue, and further east are several commercial buildings and several residences. To the south is Avenue 34, and further south are several commercial buildings, several residences and a large parking lot. To the west is a railroad right-of-way, and further west is an industrial building and a parking lot.

Historic Sanborn Fire Insurance Maps

Sanborn Fire Insurance Maps provide information on commercial and industrial properties, based on risk data gathered for the fire insurance companies. The maps show the number of buildings located on the property, and the type of construction. The maps also describe the various businesses located nearby, and show the locations of tanks, boilers, and other potential hazards.

A review of the Sanborn Fire Insurance Map collections from 1867-1970, located three maps for the area surrounding the subject property:

Date of Map	Description
1906	The property to the north is occupied by six residences, a barn and three sheds. Pasadena Avenue is to the east and there is no map coverage available for the property east of Pasadena Avenue. South of the subject property is Avenue 34 and further south are two stores, 12 residences, nine sheds, a barn and a fruit packing building. West of the subject property is a railroad right-of-way and further west is vacant land and the Arroyo Seco wash.
1920	The property to the north is occupied by several residences, garages and sheds, and further north is a large industrial facility which is occupied by Pacific Laundry. Pasadena Avenue is east and further east are several residences, garages and sheds. South of the subject property is Avenue 34 and further south are several residences, garages, sheds and a fuel storage area. West is of the subject property is a railroad right-of-way and further west is vacant land and the Arroyo Seco wash.

Date of Map	Description
1951	The property to the north is occupied by several residences, garages and sheds and further north is a large industrial facility which is occupied by Welch's Uniform and Overall Cleaning Co. A dry-cleaning building is located within the Welch's Facility. Pasadena Avenue is to the east and further east are several residences, garages, sheds and Hillside Elementary School. South of the subject property is Avenue 34 and further south are two stores, several residences, garages, sheds and a scrap metal storage yard. West of the subject property is a railroad right-of-way and further west is a lumber yard which is occupied by Alliance Lumber and Investment Co.

Historic City Directory Search

City Directories provide information on residential, commercial and industrial properties, and list the business name and address. A review of the historic directories provides an overview of the current and previous occupants of the adjoining properties.

A search of the Haines Criss Cross City Directories, dated 1972-2009, found no listings for the adjacent property to the north. The property east of Pasadena Avenue has been previously occupied by Hillside Elementary School (1972-2009) and residences (1972-2009). The property south of Avenue 34 has been occupied by residences (1972-2009), Ishizaki Studios (1987), Argus Tool Manufacturing (1987), Smart Saver (1987-1992), Pasadena Avenue Market (1987-1992), AAA Fashions (1992), Tere's Fashions (1992-2009), Allied Die Cutting (1992), Three Star Refrigeration (1992), ACW Apparel Inc. (2009) and Water Land Inc. (2009). No listings were found for the adjacent property to the west

A review of historical aerial photographs, Sanborn fire insurance maps and historic city directories determined the adjacent property to the north has been vacant land for over 18 years and the site was previously occupied by Welch's Uniform and Overall Cleaning Co. The apartment complex east of Pasadena Avenue was constructed in the early 1970's and the site was previously occupied by residences. The Hillside Elementary School and residences east of Pasadena Avenue were constructed over 74 years ago and the school property was previously occupied by residences. The commercial buildings south of Avenue 34 were constructed over 40 years ago and the sites were previously occupied by residences. The residences south of Avenue 34 were constructed over 74 years ago. The industrial building west of the railroad right-of-way was constructed within the past ten years and the site was previously occupied by a large parking lot and open storage yard. Prior to the development of the storage yard and parking lot, the property west of the railroad right-of-way was occupied by Alliance Lumber and Investment Co. The city directory listings identified the surrounding properties have been occupied by manufacturing and metal work businesses.

6.0 SITE RECONNAISSANCE

6.1 Methodology and Limiting Conditions

The site reconnaissance consisted of a walk through the entire property, and visually observing the structures, storage areas, and parking lots. No inspection was conducted under floors, above ceilings, or behind walls.

6.2 General Site Setting

The site consists of five industrial buildings with paved parking and storage areas, located in a mixed industrial, commercial and residential area of Los Angeles (see site plan).

6.3 Subject Property Observations

On September 19, 2012, an inspection of the subject property and surrounding area was conducted by Environmental Assessor James Robert Orswell. The subject property is occupied by five single-story industrial buildings, described as follows:

The 3401 Pasadena Avenue building consists of a single-story wood-frame and brick light-industrial structure (see photos #1 and #2) which is occupied by the Water Wellness Center, a business office, and Warner Brothers Studios, a warehouse television props. The building is divided into an office area and a warehouse area. Inside, the building has an open wood beam and an exposed concrete floor (see photos #3 and #4). A storage mezzanine is located above the offices and is accessed via a stairwell. There is no elevator in the building. The heating, ventilation and air conditioning (HVAC) system for the building appears to be mounted on the roof.

The 3433 Pasadena Avenue building consists of a single-story wood-frame and concrete-block light-industrial structure (see photo # 5) which is occupied by the Warner Brothers Studios prop department. The building is divided into an office area and a production area. Inside, the office ceilings are covered with suspended-grid acoustic tile and the floors are covered with vinyl tile (see photo #6). The production area has open wood beam ceilings and the floors are exposed concrete. Large quantities of water-based paint are stored and used inside the production area (see photo #7). No significant spills or leaks were observed on the production area floors. A sign on the exterior of the building indicates the building has previously been occupied by a die and metal stamping business. The HVAC system for the building appears to be mounted on the roof.

The 135 West Avenue 34 building consists of a single-story corrugated steel warehouse (see photo #8). A sign on the exterior of the building indicates the structure is occupied by the Submission Factory, a gym. The business was closed and the interior of the building was not available for inspection. No HVAC system was observed for the building.

The 141 West Avenue 34 building consists of a single-story concrete tilt-up, wood frame and brick warehouse (see photo # 9) which is occupied by Ortiz Bros. Moving and Storage. The building is divided into an office area and a warehouse area. Inside, the office ceilings are covered with suspended-grid acoustic tile and the floors are covered with vinyl tile or carpeting (see photo #10). The warehouse has an open wood beam ceiling and an exposed concrete floor (see photos #11 and #12). The warehouse area is used to store customers' personal belongings, and no hazardous materials were observed to be stored inside the warehouse area. There are several loading docks on the east side of the building. The HVAC system for the building appears to be mounted on the roof and side of the building.

The 153 West Avenue 34 building consists of a single-story brick commercial structure (see photo #13). The building was locked and access to the interior of the building was not available for inspection. No HVAC system was observed for the building.

Outside, between the buildings are paved parking and open storage areas (see photo #14). On the west side of the subject property, there is another large paved open storage area (see photo #15). Portions of the parking and storage areas were inaccessible for inspection due to the cluttered storage of large crates, trucks, miscellaneous objects and cars (see photo #16). Several roll-off storage containers were stored at the site, and access to the containers was unavailable at the time of inspection. Commercial trash bins are located in the paved parking and storage areas (see photo #17), and no signs of improper solid waste disposal were observed. The electrical power in the area is supplied by overhead utility lines which bisect the subject property (see photo #18) and also runs along Avenue 34. A ground-mounted electrical transformer is located on the west side of the 141 Avenue 34 building, and no signs were observed on the transformer indicating the presence of polychlorinated biphenyls (PCBs). No signs of illegal dumping or distressed vegetation were observed on the property. There was no evidence of underground storage tanks, septic tanks or monitoring wells on the property, and there was no indication of obvious contamination on the site.

6.4 Adjoining Property Observations

Northern Border

North of the subject property is a vacant lot (see photo #19). The property is identified by the State of California Environmental Protection Agency (CAL-EPA) Department of Toxic Substances Control (DTSC) as an active hazardous waste site and by the State of California Regional Water Quality Control Board (RWQCB) as having two open RWQCB Cleanup Program sites, and it appears that the property is in the process of undergoing remediation.

Eastern Border

East of the subject property is Pasadena Avenue, and further east is Hillside Elementary School, an apartment complex (see photo #20) and several residences. There were no visible signs of spills or contamination on the adjacent properties.

Southern Border

South of the subject property is Avenue 34. Located at the western terminus of Avenue 34, there were two groundwater monitoring wells (see photo #21). The wells were installed to monitor the groundwater contamination in the area from the former Welch's Uniform facility located further north. South of Avenue 34 are several residences (see photo #22), a parking lot and five commercial buildings which are occupied by VGA Apparel and several other unidentified tenants (see photo #23). There were no visible signs of spills or contamination on the adjacent properties.

Western Border

West of the subject property is a railroad right-of-way, and further west is an unidentified industrial building and a large parking lot (see photo #24). There were no visible signs of spills or contamination on the adjacent properties.

7.0 INTERVIEWS

7.1 Interview with Owner

Mr. Eric Ortiz, the property owner and owner of Ortiz Bros. Moving and Storage, advised he purchased the subject property in 2000, and he has occupied the site since 1993. He stated the buildings have been used for distribution and warehousing purposes. He said his business stores customers' personal items, and no hazardous materials are allowed to be stored inside the 141 Avenue 34 building. Mr. Ortiz advised the site has a closed and abandoned wastewater clarifier located on the west side of the 141 Avenue 34 building. Mr. Ortiz said the 135 Avenue 34 building is occupied by The Submission Factory, a gym and he is unaware of any hazardous materials being stored inside the building. In addition, Mr. Ortiz stated the 153 Avenue 34 building is used for storage of water, and no large quantities of hazardous materials are used or stored in the building. Mr. Ortiz said the property to the north was previously occupied by Welch's Uniform and the State of California has been conducting activities at the site for over a decade. Mr. Ortiz said he is unaware of the two groundwater monitoring wells located near the southwest corner of the site. Mr. Ortiz advised to the best of his knowledge, there are no underground storage tanks, septic tanks or wells on the site, and he is not aware of any other chemical spills or contamination problems.

7.2 Interview with Site Manager

Mr. Ortiz is the property manager (see Section 7.1 - Interview with Owner).

7.3 Interviews with Occupants

The unidentified safety manager for Warner Brothers Studios provided Orswell & Kasman, Inc with a copy of the hazardous materials handler permit for the small quantities of water-based paint stored and used within the 3433 Pasadena Avenue building. The safety manager stated that hazardous wastes in the form of waste paint are generated by the business activities and the wastes are collected by Rinco Environmental Services. The safety manager stated he is unaware of any contamination problems at the 3433 Pasadena Avenue building.

7.4 Interviews with Local Government Officials

No interviews with local government officials were conducted.

7.5 Interview with Others

No interviews with other people were conducted concerning the subject property.

8.0 FINDINGS

8.1 Recognized Environmental Conditions

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Standard Practice E 1527-05 on the multi-tenant commercial property located at 135, 141 and 153 West Avenue 34 and 3401 and 3433 Pasadena Avenue, Los Angeles, California, the Property. Any exceptions to, or deletions from the Standard Practice are described in Section 2.4 of this report. This assessment has revealed no evidence of *recognized environmental conditions* in connection with the Property, except as follows:

1) The subject property is occupied by multiple tenants. The 3433 Pasadena Avenue building is currently occupied by Warner Brothers Studios, a prop and set design business. The business stores and uses large quantities of water-based paint, and waste paint is generated by the business activities. The hazardous materials and hazardous wastes appear to be properly stored and managed and no significant spills or leaks were observed on the premises; and

2) Eleven offsite locations have been identified as potential risks or threats to the subject property. According to the data, ten of the sites are not located in the near vicinity, and there is no indication that contaminants from these sites have migrated onto the subject property.

The former Welch's Uniform Facility site (#5 on map), 3505 Pasadena Avenue, is located on the adjacent property to the north, and the business is identified by State of California Environmental Protection Agency (CAL-EPA) Department of Toxic Substances Control (DTSC) as an active hazardous waste site. According to the DTSC CalSite database records, the site was previously occupied by Welch's Uniform and the property was used as a laundry and uniform rental facility over a 70 year period. Environmental studies indicate the soil and groundwater beneath the facility is contaminated with volatile organic compounds including trichloroethene (TCE). In addition, the former Welch's Uniform Rental site is identified by the State of California Regional Water Quality Control Board (RWQCB) as having two open RWQCB Cleanup Program sites. The first case was first opened in December 1987. According to the RWQCB records, the groundwater was contaminated with non-petroleum hydrocarbons, and the site is undergoing verification monitoring. The second case was opened in December 1998 and the site is undergoing an assessment. A review of the City of Los Angeles Fire Department (LAFD) records revealed Welch's Uniform applied for a permit to remove a 2,000-gallon underground diesel fuel tank in 1987. Soil sampling beneath the tank revealed significant Total Petroleum Hydrocarbon as gasoline (TPH-g) contamination (8,600 ppm). The groundwater beneath the site was determined to be about 35 feet below the ground surface, and the groundwater flows away from the subject property in a west-northwest direction. In February 1988, Welch's Uniform applied for a permit to abandon five underground storage tanks in-place, and in December 1988, Welch's Uniform applied for a permit to remove five additional underground storage tanks. In May 2004, Welch's Uniform applied for a permit to remove one additional 1,000-gallon underground storage tank. Soil sampling beneath the tank did not detect any contamination problems, and on October 26, 2004, the DPW/UGT issued a no further action letter for the closure of the 1,000-gallon underground tank. An inspection of the property revealed the site is currently a vacant lot, and remedial activities were being conducted on the site.

8.2 Historical Recognized Environmental Conditions

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Standard Practice E 1527-05 on the multi-tenant commercial property located at 135, 141 and 153 West Avenue 34 and 3401 and 3433 Pasadena Avenue, Los Angeles, California, the Property. Any exceptions to, or deletions from the Standard Practice are described in Section 2.4 of this report. This assessment has revealed no evidence of *historical recognized environmental conditions* in connection with the Property.

9.0 OPINION

Should it be determined the groundwater beneath the subject property has in fact been impacted by the Former Welch's Uniform Rental site, it is the policy of the State of California and the United States Environmental Protection Agency not to hold property owners responsible for

costs to clean up contaminated groundwater beneath their property, unless the owners contributed to the problem. There is no indication from a review of the regulatory records and a site inspection that the subject property has had any problems concerning the storage, usage or disposal of hazardous materials, and it appears the former Welch's Uniform Rental site is in the process of addressing the contamination problem.

Based on a review of regulatory and historical records, and interviews with the property owner and the safety manager for Warner Brothers Studios, and a visual inspection of the site and surrounding area, this assessment has found no evidence of *recognized environmental conditions or historical recognized environmental conditions* which are likely to impact the subject property. Although data failure occurred in the historical uses of the Property prior to 1906, it is unlikely the data failure will impact the ability to identify *recognized environmental conditions.*

10.0 CONCLUSIONS

Based on the results of this assessment, no further environmental studies are recommended for the site.

11.0 DEVIATIONS

This report was prepared in conformance to meet or exceed the scope and practice as set forth by the American Society for Testing & Materials (ASTM) Standard Practice E 1527-05, "Standard Practice of Environmental Site Assessments: Phase I Environmental Site Assessment Process." No significant deviations, deletions, or client-imposed constraints were made from this practice.

12.0 ADDITIONAL SERVICES

No additional services including a broader scope of services, liability/risk evaluations, or remedial activities are included in this report.

13.0 REFERENCES

All government records and maps were obtained directly from the regulatory agencies identified in this report. The fire insurance map information was obtained from Digital Sanborn Maps, 1867-1970, Ann Arbor, Michigan. The aerial photographs were obtained from BBL Consultants, Solana Beach, California; the United States Geological Survey, Menlo Park, California; or the United States Department of Agriculture, Salt Lake City, Utah. The city directory search information was obtained from Sherman Library and Gardens, Corona Del Mar, California.

14.0 STATEMENT OF ENVIRONMENTAL PROFESSIONALS

We declare that, to the best of our professional knowledge and belief, we meet the definition of *Environmental Professionals* as defined in §312.10 of 40 CFR 312. We have the specific

qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed the all appropriate inquires in conformance with the standards and practices set forth in 40 CFR Part 312. The individual qualifications of these professionals are included in the appendices of this report.

15.0 APPENDICES

15.1 Site and Vicinity Map

A United States Geological Survey (USGS) 7.5 Minute Topographical map of the subject property and surrounding area is included in the appendices of the report. The map shows the locations of the identified offsite environmental risks or threats described in the report.

15.2 Site Plan

A site plan of the subject property is included in the appendices of the report. The site plan shows the general location of the structures on the property, and other items of interest which were identified in the description of the site.

15.3 Site and Vicinity Photographs

Photographs of the subject property and surrounding neighborhood are attached to this report. These photographs were taken at the time of the site inspection.

15.4 Historical Research Documentation

Building permit records were obtained directly from the regulatory agency identified in this report. The aerial photographs summarized in this report were obtained from BBL Consultants, Solana Beach, California; the United States Geological Survey, Menlo Park, California; or the United States Department of Agriculture, Salt Lake City, Utah. The Sanborn Fire Insurance Map information was obtained from Digital Sanborn Maps, 1867-1970, Ann Arbor, Michigan. The city directory search information was obtained from Sherman Library and Gardens, Corona Del Mar, California.

15.5 Regulatory Records Documentation

All government records were obtained directly from the regulatory agencies identified in this report.

15.6 Interview and Research Documentation

All of the field notes and supporting information obtained from interviews and research concerning the subject property are maintained in the report file at the offices of Orswell & Kasman, Inc.

15.7 Special Contractual Conditions between User and Environmental Professional

No special contractual conditions or agreements exist between the client and any of the employees of Orswell & Kasman, Inc., and Orswell & Kasman, Inc. does not have any financial interest in the subject property.

15.8 Qualifications of the Environmental Professionals

Attached to this report are the résumés of Marty Kasman and James Orswell, who conducted the site inspection, the records review, and prepared the report.

APPENDIX

MARTY KASMAN

Marty Kasman, a principal of the company, is a Registered Environmental Health Specialist (#4927) and a Registered Environmental Assessor (#4022) with the State of California. He is also a USEPA/AHERA accredited Asbestos Management Planner and California Certified Asbestos Consultant (#99-2553). He received his Bachelor of Science and Master of Science degrees in Environmental and Occupational Health Science from California State University at Northridge. He also has a Certificate in Hazardous Materials Management from the University of California at Los Angeles (UCLA). In addition, Mr. Kasman also received specialized hazardous materials training at the Federal Law Enforcement Training Center in Georgia.

Mr. Kasman served fourteen years with the Los Angeles County Fire Department, as a Supervising Hazardous Material Specialist and Deputy Health Officer. For a majority of his Fire Department career, Mr. Kasman worked in the Criminal Investigations Unit, and he was assigned to the Los Angeles County District Attorney's Environmental crimes Task Force. His responsibilities included field and laboratory work in hazardous materials management, conducting inspections of industrial plant operations, and monitoring cleanup activities. In addition, Mr. Kasman has investigated hundreds of abandoned waste sites and other cases involving the illegal dumping of hazardous materials throughout Los Angeles County.

Mr. Kasman currently serves as an environmental consultant to industry management in the proper handling of hazardous materials and waste. He has taught courses in hazardous materials regulatory compliance and waste management at UCLA, California State University at Northridge, and the California Specialized Training Institute at San Luis Obispo. Mr. Kasman served on the State of California Local Unified Program Implementation Committee (LUPIC) to develop a standardized hazardous materials contingency plan.

Mr. Kasman's extensive education, training, and experience in hazardous materials management make him fully qualified to conduct environmental assessments and investigations. He is the former president, director, and a life-time member of the California Hazardous Materials Investigators Association. He is also a former director of the Local Environmental Enforcement Officers Association, and the Los Angeles County Association of Environmental Health Specialists. He is a member of California and National Environmental Health Associations, and the National Association of Government Guarantee Lenders.

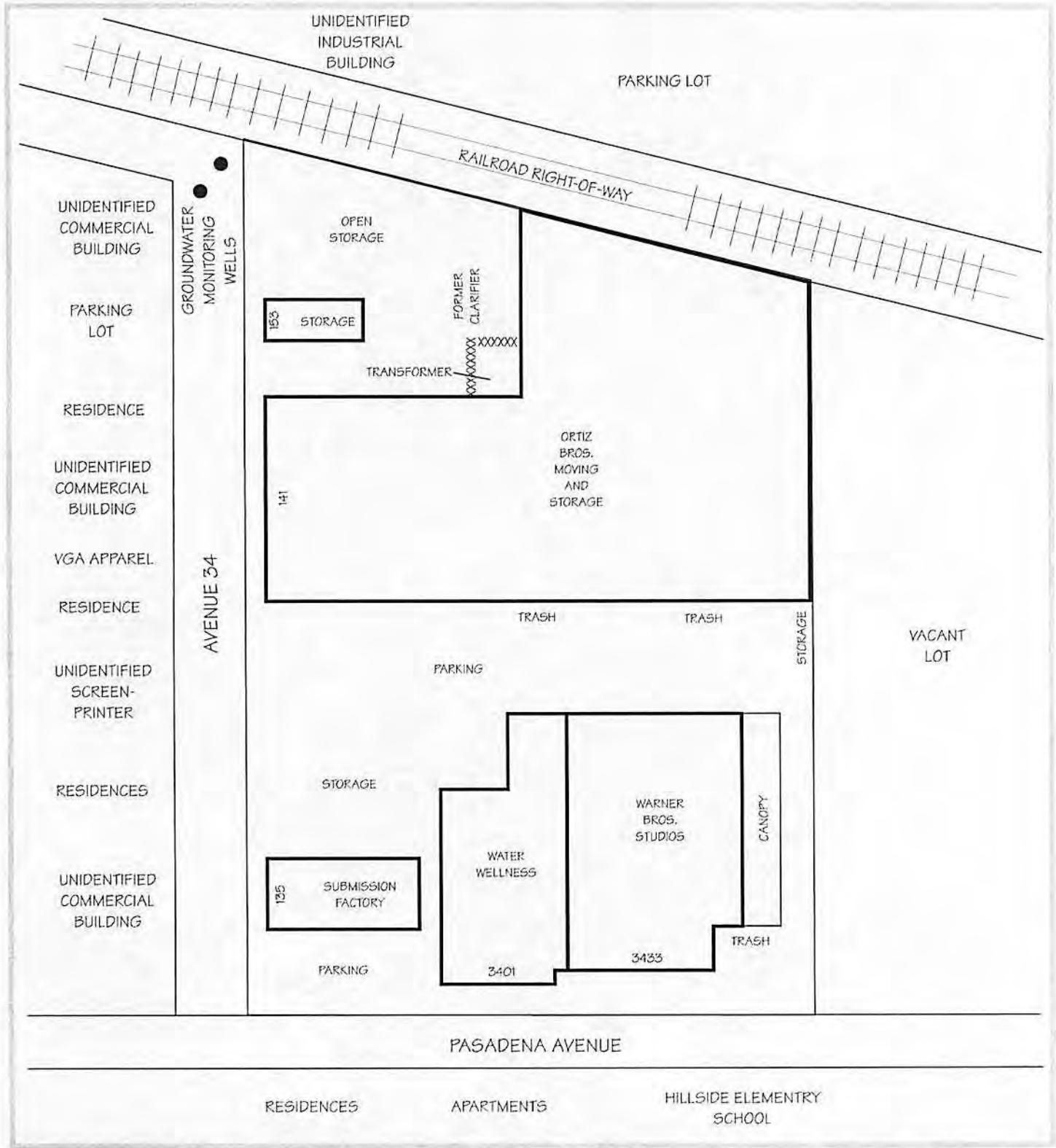
JAMES ROBERT ORSWELL

James R. Orswell is a Registered Environmental Assessor with the State of California. Since graduating from Utah Valley University, he has participated in thousands of Phase I Environmental Site Assessment reports, Transaction Screen reports, soil vapor surveys, methane assessments, historical use reports and Phase II projects on commercial, industrial, and residential properties.

Mr. Orswell is an expert document writer, data collector and is an experienced mortgage loan officer. Since 2002, Mr. Orswell has worked in the environmental assessment and consulting field, researching and conducting numerous environmental investigations throughout the United States. He has worked directly with major lending institutions, real estate professionals, lawyers, city planners, and private clients. Mr. Orswell has worked along with the Department of Defense in plotting Former Used Defense Sites (FUDS) and is a Certified Mold Inspector. He has managed multiple underground storage tank removals, installation of soil vapor extraction systems and has overseen several subsurface investigations in Southern California.

He is also an Eagle Scout, volunteer with many non-profit organizations, and an avid outdoors enthusiast. Mr. Orswell's education, training, and experience provide him with the qualifications to conduct environmental assessments and investigations.

SITE
1
2
3
4
5
6
7
8
9
10
11
Highland Park
Glassell Park
Mt. Washington
Happy Valley
Lincoln Heights
DODGER STADIUM
UNCOLN PARK
Broadway
Avenue 26
Pasadena Fwy
TN
MN
13½°
0 5 MILE
0 1000 FEET 0 500 1000 METERS
Map created with TOPO!® ©2002 National Geographic (www.nationalgeographic.com/topo)



ORSWELL & KASMAN, INC.
Environmental Assessments & Consulting
316 West Foothill Boulevard
Monrovia, CA 91016

135, 141 & 153 WEST AVENUE 34 AND
3401 & 3433 PASADENA AVENUE
LOS ANGELES, CA 90031

N

NOT TO SCALE
FOR ORIENTATION PURPOSES ONLY

Phase I Environmental Site Assessment Report
135, 141 & 153 West Avenue 34 and
3401 and 3433 Pasadena Avenue
September 28, 2012

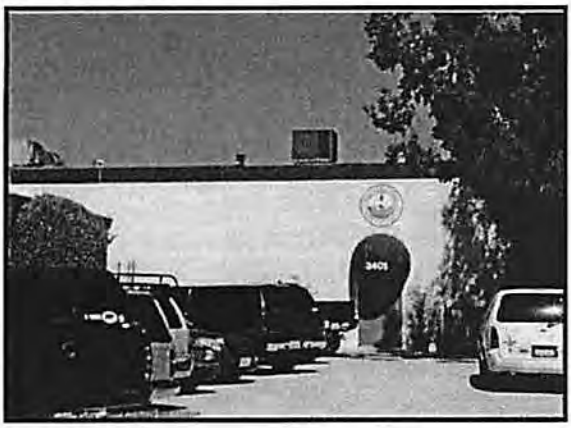


Photo #1

Photo #2

Photo #3

Photo #4

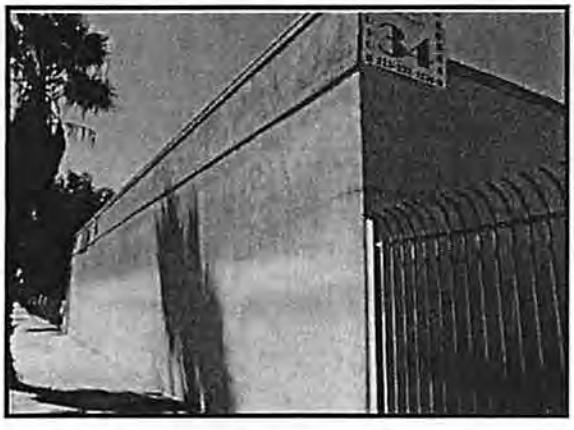


Photo #5

Photo #6

Phase I Environmental Site Assessment Report
135, 141 & 153 West Avenue 34 and
3401 and 3433 Pasadena Avenue
September 28, 2012

Photo #7

Photo #8

Photo #9

Photo #10

Photo #11

Photo #12

Photo #13

Photo #14

Photo #15

Photo #16

Photo #17

Photo #18

CONTOUR INTERVAL 200 FEET
WITH SUPPLEMENTARY CONTOURS AT 100 FOOT INTERVALS

GEOLOGIC MAP OF CALIFORNIA

EXPLANATION

SEDIMENTARY AND METASEDIMENTARY ROCKS

CENOZOIC

QUATERNARY

Recent

- Qs — Dune sand
- Qal — Alluvium
- Qsc — Stream channel deposits
- Qf — Fan deposits
- Qb — Basin deposits

GREAT VALLEY

- Qsl — Salt deposits
- Ql — Quaternary lake deposits
- Qg — Glacial deposits

Pleistocene

- Qt — Quaternary nonmarine terrace deposits
- Qm — Pleistocene marine and marine terrace deposits
- Qc — Pleistocene nonmarine
- QP — Plio-Pleistocene nonmarine

TERTIARY

Pliocene

- Pc — Undivided Pliocene nonmarine
- Puc — Upper Pliocene nonmarine
- Pu — Upper Pliocene marine
- Pmlc — Middle and/or lower Pliocene nonmarine
- Pml — Middle and/or lower Pliocene marine

Miocene

- Mc — Undivided Miocene nonmarine
- Muc — Upper Miocene nonmarine
- Mu — Upper Miocene marine
- Mmc — Middle Miocene nonmarine
- Mm — Middle Miocene marine
- Ml — Lower Miocene marine

Oligocene

- Φc — Oligocene nonmarine
- Φ — Oligocene marine

Eocene

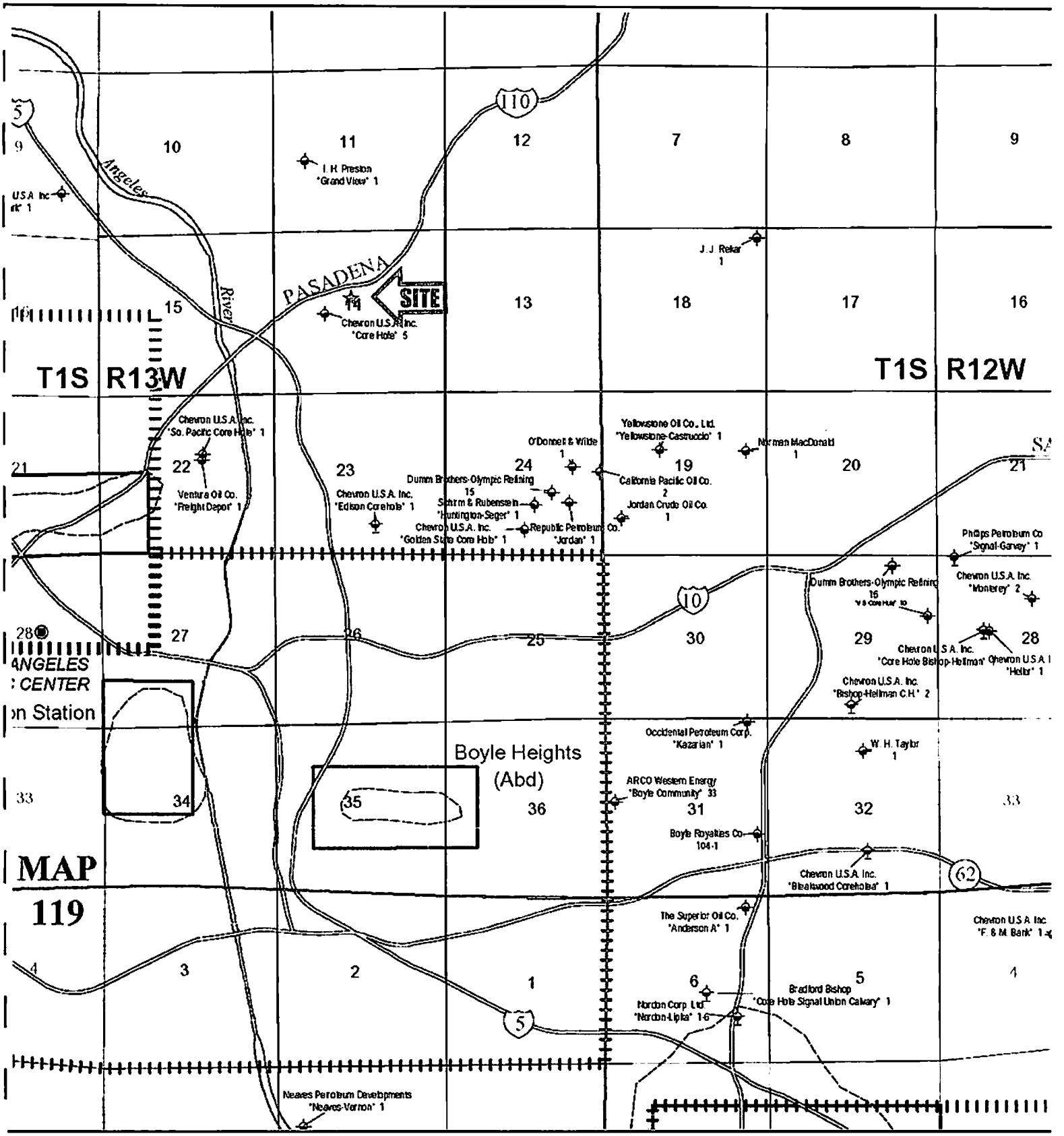
- Ec — Eocene nonmarine
- E — Eocene marine

Paleocene

- Epc — Paleocene nonmarine
- Ep — Paleocene marine

IGNEOUS AND META-IGNEOUS ROCKS

- Qrv — Recent volcanic: Q_{rv}^{r} —rhyolite; Q_{rv}^{a} —andesite; Q_{rv}^{b} —basalt; Q_{rv}^{p} —pyroclastic rocks
- Qpv — Pleistocene volcanic: Q_{pv}^{r} —rhyolite; Q_{pv}^{a}—andesite; Q_{pv}^{b} —basalt; Q_{pv}^{p} —pyroclastic rocks
- Quaternary and/or Pliocene cinder cones
- Pv — Pliocene volcanic: P_{v}^{r} —rhyolite; P_{v}^{a}—andesite; P_{v}^{b} —basalt; P_{v}^{p} —pyroclastic rocks
- Mv — Miocene volcanic: M_{v}^{r} —rhyolite; M_{v}^{a} —andesite; M_{v}^{b} —basalt; M_{v}^{p} —pyroclastic rocks
- Φv — Oligocene volcanic: Φ_{v}^{r}—rhyolite; Φ_{v}^{a} —andesite; Φ_{v}^{b}—basalt; Φ_{v}^{p}—pyroclastic rocks
- Ev — Eocene volcanic: E_{v}^{r} —rhyolite; E_{v}^{a}—andesite; E_{v}^{b} —basalt; E_{v}^{p} —pyroclastic rocks



REGIONAL WILDCAT MAP

SHOWING WELLS NOT ON DIVISION FIELD MAPS

State of California - Department of Conservation

Division of Oil, Gas, and Geothermal Resources

NOTE: Wells with directional surveys on file with the division are indicated with a short line under the well symbol.
Current well status should be confirmed at the appropriate division office.

ORSWELL & KASMAN, INC.

ENVIRONMENTAL RECORDS RESEARCH REPORT

Property Information:

Multi-Tenant Commercial Property
135, 141 & 153 West Avenue 34
& 3401 & 3433 Pasadena Avenue
Los Angeles, CA 90031

OKI Report #:

P12260

Report Date:

September 28, 2012

Prepared For:

Citizens Business Bank
CDC Small Business Finance
The U.S. Small Business Administration

Prepared by:

Orswell & Kasman, Inc.
316 West Foothill Boulevard
Monrovia, CA 91016
(626) 932 - 1800 * FAX (626) 932 - 1807
www.orswell-kasman.com

The information provided herein is based upon research of public records listed on the "Reference to the Regulatory Agency Database" page of this report and not on a physical inspection of the property. By requesting this report, the client accepts the terms and conditions described on the "Response Notification Sheet" of this report. The client may want to obtain detailed subject property information from a qualified consultant or specialist to determine if any potential hazards exist on the property.

RESPONSE NOTIFICATION SHEET

This report is in conformance with the ASTM standard for a Phase I Environmental Site Assessment governernment records check

	No Sites Within Specified Radius	Property & Adjacent	¼ Mile Radius	½ Mile Radius	1 Mile Radius
National Priority List (NPL)	✓				
RCRA CORRACTS Facilities	✓				
CALSITES		✓			
CERCLIS			✓		
CERCLIS NFRAP				✓	
LUSTIS				✓	
Active / Inactive Landfills	✓				
Treatment, Storage & Disposal (TSD)	✓				
Institutional Controls / Engineering Controls	✓				
RWQCB Sites		✓			
Closed RWQCB Sites	✓				
Registered Underground Storage Tanks	✓				
Federal Hazardous Waste Generators		✓			
ERNS / NRC	✓				
Superfund Liens	✓				
Local Agency Records	✓				

Sites reported as "Case Closed" or "No Further Action" may not be listed in this report

OKI Report #: **P12260**
Completion Date: **9/28/12**

Property Information:

Multi-Tenant Commercial Property
135, 141 & 153 West Avenue 34
& 3401 & 3433 Pasadena Avenue
Los Angeles, CA 90031

Richard Veron

Richard D. Veron
ASTM Environmental Professional

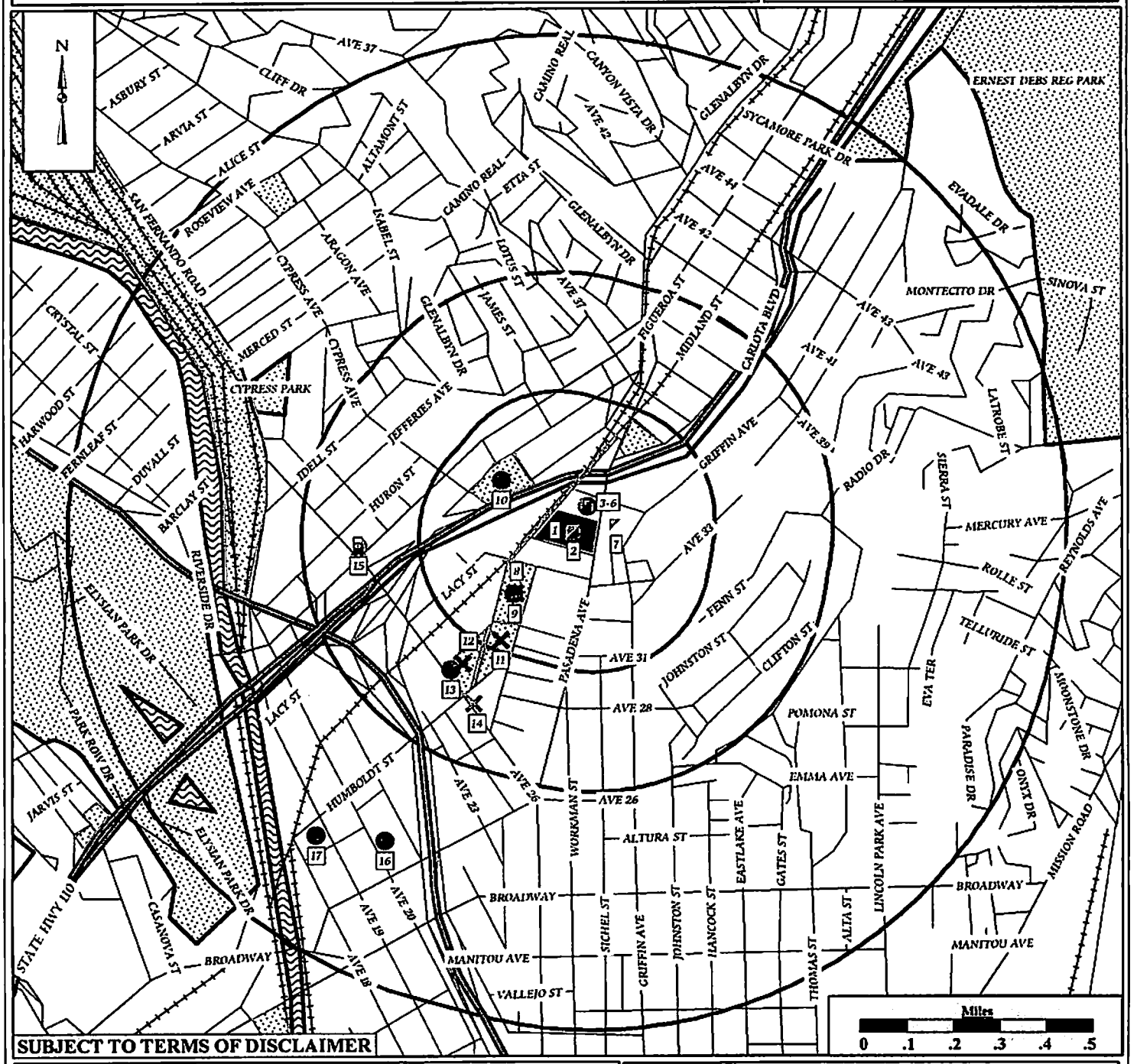
The information contained in this report is obtained from federal, state and other public sources. Orswell & Kasman, Inc. (OKI) does not make any guarantees, warranties or representations, whether expressed or implied, regarding the accuracy of such information, and shall not be held responsible in the event that any such inaccuracies are present. All liability for damages of any nature arising from any inaccuracy in the facts stated herein must be assumed by the client. OKI also advises the client that this report and information contained herein is intended solely for the use of the client or assignee with whom OKI has a contractual relationship. OKI makes no other warranty, express or implied, as to the conclusions and professional advice included in this report, and is not responsible for the independent conclusions, opinions or recommendations made by any other party or entity based whole or in part on the information provided in this records review.

Orswell & Kasman, Inc.
316 West Foothill Boulevard
Monrovia, CA 91016
(626) 932 - 1800 * Fax (626) 932 - 1807
www.orswell-kasman.com

Orswell & Kasman, Inc.

Environmental Assessments & Consulting

Subject Property Location:
135, 141 & 153 West Avenue 34 and
3401 & 3433 Pasadena Avenue
Los Angeles, CA 90031



SUBJECT TO TERMS OF DISCLAIMER

MAP LEGEND

- Areas of Contamination
- One Mile Radius
- Half Mile Radius
- Quarter Mile Radius
- Subject Property
- Military Installation
- Parks
- Water
- Railroads
- Roads
- Freeways

HAZARDOUS SITE SYMBOLS

- National Priority List
- RCRA Corrective Action
- CERCLIS
- CalSites
- Leaking Underground Storage Tanks
- Active / Inactive Landfills
- Treatment, Storage, & Disposal Facilities
- RWQCB Sites
- Closed RWQCB Sites
- Registered Underground Tanks
- Generators
- Emergency Response Notification System
- Superfund Liens
- CERCLIS - No Further Remedial Action Planned
- Oil Wells

For more information please contact us at (626) 932-1800 or www.orswell-kasman.com

Site Summary List

Please note that certain sites may appear on multiple databases
For more information on these sites, please see the accompanying pages

Subject Property Information:
Multi-Tenant Commercial Property
135, 141 & 153 West Avenue 34
& 3401 & 3433 Pasadena Avenue
Los Angeles, CA 90031

Site # 1	Case # CAD982351074	Source Database	
0.0065 miles from the subject property	Site **AMERICAN CASTER CORP** **141 W AVENUE 34** **LOS ANGELES, CA 90031**	**GEN**	[ ]
Site # 2	Case # CAR000206029	Source Database	
0.0074 miles from the subject property	Site **BAD TEACHER CONSTRUCTION WAREHOUSE** **3433 PASADENA AVE** **LOS ANGELES, CA 90031**	**GEN**	[ ]
Site # 3	Case # 60000636	Source Database	
0.0639 miles from the subject property	Site **Former Welch's Uniform Facility** **3505 Pasadena Avenue** **Los Angeles, CA 90031** 5205004010	**CALST**	[ ]
Site # 4	Case # CAD075309740	Source Database	
0.0659 miles from the subject property	Site **FORMER WELCHS UNIFORM SITE** **3505 PASADENA AVENUE** **LOS ANGELES, CA 90031**	**GEN**	[ ]
Site # 5	Case # SL2044P1598	Source Database	
0.0663 miles from the subject property	Site **WELCHS UNIFORM RENTAL SITE (FORMER)** **3505 PASADENA AVE** **LOS ANGELES, CA**	**RWQCB**	[ ]
Site # 6	Case # T0603700785	Source Database	
0.0705 miles from the subject property	Site **WELCH'S UNIFORM RENTAL(FORMER)** **3505 PASADENA AVE** **LOS ANGELES, CA 90031** 4363-001-902	**RWQCB** 632 B2	[X]
Site # 7	Case # CAD981624901	Source Database	
0.0996 miles from the subject property	Site **LA USD HILLSIDE EL** **120 E AVE 35** **LOS ANGELES, CA 90031**	**GEN**	[ ]
Site # 8	Case # CA0000113175	Source Database	
0.1745 miles from the subject property	Site **KENNINGTON LTD. (ITT CANNON)** **3209 HUMBOLDT ST.** **LOS ANGELES, CA 90031**	**CERCLIS**	[X]
Site # 9	Case # 19340739	Source Database	
0.1782 miles from the subject property	Site **KENNINGTON** **3209 HUMBOLDT STREET** **LOS ANGELES, CA 90031** LAND USE COVENANT	**CALST** 595 A6	[ ]
Site # 10	Case # 19820057	Source Database	
0.1823 miles from the subject property	Site **LORETO STREET ELEMENTARY SCHOOL ADDITION** **3408 Arroyo Seco Avenue** **Los Angeles, CA 90065** 5446-019-901 & 5446-024-900	**CALST** 595 A6	[MJ]
Site # 11	Case # CAD983657529	Source Database	
0.2734 miles from the subject property	Site **NI WEST INCORPORATED** **3011 HUMBOLDT STREET** **LOS ANGELES, CA 90031**	**CERCLIS**	[X]

Site Summary List

Please note that certain sites may appear on multiple databases
For more information on these sites, please see the accompanying pages

Subject Property Information:
Multi-Tenant Commercial Property
135, 141 & 153 West Avenue 34
& 3401 & 3433 Pasadena Avenue
Los Angeles, CA 90031

Site # 12	Case # CAD983578667	Source Database
0.3612 miles from the subject property	Site **JAYBEE AJAX MANUFACTURING** **301 WEST AVENUE 26** **LOS ANGELES, CA 90031**	**CERCLIS** 595 A7 [X]
Site # 13	Case # 19490238	Source Database
0.3884 miles from the subject property	Site **JAYBEE SITE AT LINCOLN HEIGHTS - LA DWP** **301 WEST AVENUE 26** **LOS ANGELES, CA 90031** 5205-009-900	**CALST** 594 J7 [ ]
Site # 14	Case # CAD980636195	Source Database
0.4168 miles from the subject property	Site **BARON MFG** **241 AVE 26** **LOS ANGELES, CA 90031**	**NFRAP** [ ]
Site # 15	Case # T0603701195	Source Database
0.4558 miles from the subject property	Site **CHEVRON #9-3707** **2601 N FIGUEROA ST** **LOS ANGELES, CA 90065** 5446-010-025 & 026	**LUSTIS** 594 J6 [MJ]
Site # 16	Case # 19360528	Source Database
0.7615 miles from the subject property	Site **VICTOR INDUSTRIAL BATTERY** **138 N SAN FERNANDO RD** **LOS ANGELES, CA 90031** 5447-017-004	**CALST** 594 J7 [JO]
Site # 17	Case # 80001108	Source Database
0.8385 miles from the subject property	Site **NATIONAL AIRCRAFT EQUIPMENT CO.** **Figueroa St in Elysian Park** **Los Angeles, CA 90012**	**CALST** 594 H7 [ ]

GENERATORS

Case Number: **CAD982351074**

Site: **AMERICAN CASTER CORP**
141 W AVENUE 34
LOS ANGELES CA 90031

Site # 1 *0.0065 miles from the Subject Property*

Generator Type SQG
Small Quantity Hazardous Waste Generator

Handler IS a Transporter

Case Number: **CAR000206029**

Site: **BAD TEACHER CONSTRUCTION WAREHOUSE**
3433 PASADENA AVE
LOS ANGELES CA 90031

Site # 2 *0.0074 miles from the Subject Property*

Generator Type SQG
Small Quantity Hazardous Waste Generator

Handler IS NOT a Transporter

Case Number: **CAD075309740**

Site: **FORMER WELCHS UNIFORM SITE**
3505 PASADENA AVENUE
LOS ANGELES CA 90031

Site # 4 *0.0659 miles from the Subject Property*

Generator Type LQG
Large Quantity Hazardous Waste Generator

Handler IS NOT a Transporter

Case Number: **CAD981624901**

Site: **LA USD HILLSIDE EL**
120 E AVE 35
LOS ANGELES CA 90031

Site # 7 *0.0996 miles from the Subject Property*

Generator Type SQG
Small Quantity Hazardous Waste Generator

Handler IS NOT a Transporter

CalSites

California Sites - Formerly Bond Expenditure Plan (BEP) & Abandoned Site Program Information System (ASPIS)

Case Number: **60000636**

Site: **Former Welch's Uniform Facility**
3505 Pasadena Avenue
Los Angeles, CA 90031

On NPL? NO 2.6 Acres

Lead Agency: SMBRP

Agencies Involved: SMBRP

Funding: Responsible Party

Past Uses: LAUNDRY SERVICES

Status: **Active** Date: **2007-05-25**

Site Type: Voluntary Cleanup-Voluntary Cleanup

Special Program: Voluntary Cleanup Program

Potential Media Affected: OTH, SOIL, SV

Confirmed COCs: 30027

Potential COCs: 30027

Is Use Restricted?: NO

Site Management: NONE SPECIFIED

Site # 3 0.0639 miles from the Subject Property

Case Number: **19340739**

Site: **KENNINGTON**
3209 HUMBOLDT STREET
LOS ANGELES, CA 90031 595 A6

On NPL? NO 3.75 Acres

Lead Agency: SMBRP

Agencies Involved: SMBRP

Funding: Responsible Party

Past Uses: BATTERY MANUFACTURING, MANUFACTURING - ELECTRONIC

Status: **Active** Date: **1996-04-18**

Site Type: Voluntary Cleanup-Voluntary Cleanup

Special Program: Voluntary Cleanup Program

Potential Media Affected: OTH, SOIL

Confirmed COCs: 30018,30022,30027,30013

Potential COCs: 30013, 30018, 30022, 30027

Is Use Restricted?: YES

Site Management: REM, DAY, ELD, HOS, LUC, FEN, MON, EX, GW, NUSE, NDEV

Site # 9 0.1782 miles from the Subject Property

Case Number: **19820057**

Site: **LORETO STREET ELEMENTARY SCHOOL ADDITION**
3408 Arroyo Seco Avenue
Los Angeles, CA 90065 595 A6 MJ

On NPL? NO 0 Acres

Lead Agency: SMBRP

Agencies Involved: SMBRP

Funding: School District

Past Uses: * EDUCATIONAL SERVICES

Status: **Inactive - Needs Evaluation** Date: **2006-09-20**

Site Type: School-School Investigation

Special Program:

Potential Media Affected: NMA

Confirmed COCs: NONE SPECIFIED

Potential COCs: NONE SPECIFIED,31000

Is Use Restricted?: NO

Site Management: NONE SPECIFIED

Site # 10 0.1823 miles from the Subject Property

Case Number: **19490238**

Site: **JAYBEE SITE AT LINCOLN HEIGHTS - LA DWP**
301 WEST AVENUE 26
LOS ANGELES, CA 90031 594 J7

On NPL? NO 3.4 Acres

Lead Agency: SMBRP

Agencies Involved: SMBRP

Funding: Responsible Party

Past Uses: MANUFACTURING - OTHER

Status: **Active** Date: **2004-04-07**

Site Type: Voluntary Cleanup-Voluntary Cleanup

Special Program: Voluntary Cleanup Program

Potential Media Affected: OTH, SOIL

Confirmed COCs: 30484,30550,30019,30022,30024,30025,30027,30193,30013, 30593

Potential COCs: 30013, 30019, 30022, 30024, 30025, 30027, 30193, 30484, 30550, 30593

Is Use Restricted?: NO

Site Management: NONE SPECIFIED

Site # 13 0.3884 miles from the Subject Property

CalSites

California Sites - Formerly Bond Expenditure Plan (BEP) & Abandoned Site Program Information System (ASPIS)

Case Number: **19360528**

Site: **VICTOR INDUSTRIAL BATTERY**
138 N SAN FERNANDO RD
LOS ANGELES, CA 90031 594 J7 JO

On NPL? NO 0.1 Acres

Lead Agency: NONE SPECIFIED

Agencies Involved: NONE SPECIFIED

Funding: Responsible Party

Past Uses: BATTERY RECLAMATION

Status: **Certified O&M - Land Use Restrictions O** Date: **1995-03-29**

Site Type: Voluntary Cleanup-Voluntary Cleanup

Special Program: Voluntary Cleanup Program

Potential Media Affected: SOIL, SV

Confirmed COCs: NONE SPECIFIED

Potential COCs: 10015, 10097, 10119, 10120, 10124, 10193, 10194, 20001, 20009, 20011, 20013, 20024, 30013

Is Use Restricted?: YES

Site Management: NONE SPECIFIED

Site # 16 0.7615 miles from the Subject Property

Case Number: **80001108**

Site: **NATIONAL AIRCRAFT EQUIPMENT CO.**
Figueroa St in Elysian Park
Los Angeles, CA 90012 594 H7

On NPL? NO

Lead Agency: NONE SPECIFIED

Agencies Involved: SMBRP

Funding: DERA

Past Uses: NONE SPECIFIED

Status: **Inactive - Needs Evaluation** Date: **2005-07-01**

Site Type: FUDS-Military Evaluation

Special Program:

Potential Media Affected: NONE SPECIFIED

Confirmed COCs: NONE SPECIFIED

Potential COCs: NONE SPECIFIED

Is Use Restricted?: NO

Site Management: NONE SPECIFIED

Site # 17 0.8385 miles from the Subject Property

DRAFT

SITE CONCEPTUAL MODEL AND WORK PLAN

FORMER WELCH'S UNIFORM SITE
3505 Pasadena Avenue
Los Angeles, CA 90031
November 2005

Prepared For:
AmeriPride Services Inc.
10801 Wayzata Boulevard
Minnetonka, MN 55305

Prepared By:

ENSR Corporation
2850 South Red Hill Avenue, Suite 110
Santa Ana, California 92705

ENSR No: 10770-003-200

FORMER WELCH'S UNIFORM SITE
3505 Pasadena Avenue
Los Angeles, CA 90031
November 2005

Prepared For:

AmeriPride Services Inc.
10801 Wayzata Boulevard
Minnetonka, Minnesota 55305

Prepared By:

ENSR International
2850 South Red Hill Avenue, Suite 110
Santa Ana, California 92705

ENSR No: 10770-003-200

The following personnel have prepared and/or reviewed this report for accuracy, content, and quality of presentation.

Jeffrey Otter
Senior Project Manager
Senior Reviewer

DRAFT

William S. Glenn Jr., PG
Project Manager
Primary Report Author

November 2, 2005

CONTENTS

EXECUTIVE SUMMARY 1

1.0 INTRODUCTION 1-1

1.1 Purpose 1-1

2.0 SITE DESCRIPTION 2-1

2.1 Location and Legal Description of the Site 2-1

2.2 Site and Vicinity Characteristics 2-1

2.3 Description of Structures, Roads, and Other Improvements on Site 2-1

2.4 Current Site Use 2-1

2.5 Site Geology, Hydrology, and Topography 2-2
2.5.1 Geology 2-2
2.5.2 Hydrology 2-2
2.5.3 Topography 2-3

3.0 SITE HISTORY 3-1

3.1 Site Assessment Activities 3-1

3.2 Past Uses of Adjoining Properties 3-4

3.3 Offsite Receptor Survey 3-8
3.3.1 Production Well Information 3-8
3.3.2 Schools, Daycare Centers, Hospitals, and Retirement Centers 3-9

4.0 RECORDS REVIEW 4-1

4.1 Federal and State Database Review 4-1

4.2 Underground and/or Aboveground Storage Tanks (AST) 4-3
4.2.1 Current USTs 4-3
4.2.2 Former USTs 4-3
4.2.3 Current ASTs 4-4
4.2.4 Former ASTs 4-4

5.0 SUMMARY AND RECOMMENDATIONS 5-1

5.1 Summary 5-1

5.2 Recommendations 5-2
5.2.1 Prefield Activities 5-2
5.2.2 Additional Soil Assessment 5-3
5.2.3 Groundwater Monitoring Well Installation 5-3
5.2.4 Waste Handling 5-4
5.2.5 Updated Site Conceptual Model 5-4

6.0 REFERENCES 6-1

Tables

Table 1: Summary of Groundwater Monitoring Results – Third Quarter 2005
Table 2: Summary of Groundwater Analytical Results – Third Quarter 2005
Table 3: Historical Results of Laboratory Analysis of Groundwater Samples
Table 4: Groundwater Monitoring Well Construction Detail

Figures

Figure 1: Site Location
Figure 2: Site Plan
Figure 3: Cross Section A-A'
Figure 4: Cross Section B-B'
Figure 5: Proposed Boring Locations
Figure 6: Proposed Well Locations

Graphs

Graphs 1-9: Groundwater Depth, TPHg, PCE, TCE, and MTBE concentrations versus Time

Appendices

Appendix A: Historic Soil and Soil Vapor Tables
Appendix B: Historic Figures
Appendix C Soil Boring Logs
Appendix D: Environmental Data Resources (EDR) Database Report and Offsite Receptor Report
Appendix E: EDR Historical Aerial Photographs
Appendix F: EDR Historical Topographic Maps
Appendix G: EDR Sanborn Maps, City Directory Report, Production Well Information
Appendix H: General Field Procedures
Appendix I: Health and Safety Plan

EXECUTIVE SUMMARY

AmeriPride Service Inc. (AmeriPride) retained ENSR International, Inc. (ENSR) to review prior environmental site assessments and conditions for the former Welch's Uniform Facility located at 3505 Pasadena Avenue, Los Angeles, California (site; see Figure 1) in order to submit a Site Conceptual Model (SCM) and work plan to the Los Angeles Regional Water Quality Control Board (LARWQCB).

The site is located in a relatively low-density, mixed residential and industrial area of Los Angeles, CA, approximately 3.5 miles northeast of downtown Los Angeles, California. According to City Directories provided by EDR, the site address was noted as being a Welch's Uniform Facility in 1924 (EDR, 2005d). Adjoining the western boundary of the site is a railroad spur. To the north is the Arroyo Seco, across which is the Pasadena Freeway. To the south are industrial buildings, and to the east are residential homes and Hillside Elementary school. The site is currently an undeveloped parcel of land. Buildings and surface structures were demolished and removed in 2003.

Areas of Concern:

- Lingering Presence of Subsurface VOC's in the Vicinity of the Former UST Locations (North of the North Building): Based on the confirmation borings collected in August 2000 in the area previously remediated using soil vapor extraction (SVE), concentrations of PCE and TCE were reported at a maximum concentration of 79 mg/kg (CB-1-35), and 66 mg/kg (CB-2-35), respectively (CAPE, 2000). Based on these concentrations, the LARWQCB denied the request for no further action, and requested additional site assessment activities in the vicinity of the former PCE USTs in correspondence dated January 10, 2001.

- Further Definition of VOC's in the Southwest Corner of the Site: Based on a soil vapor survey conducted in 2001, elevated concentrations of PCE (260 ug/L; SV-10-10) were detected in the southwest corner of the site and in areas of the former solvent USTs. Two additional soil vapor points, SV-43 and SV-44 were installed to the north and east of SV-10. Minor concentrations of PCE were only detected in the northern soil vapor location (SV-44), however, no assessment was conducted to the south of SV-10 (adjacent property).

- Delineation of Offsite Dissolved-Phase VOC's Southwest of the Site: Concentrations of PCE and TCE were detected in the furthest downgradient monitoring wells, MW-14 and MW-15, at 10 times the MCL for drinking water. The downgradient protion of the dissolved-phase VOC plume is undefined.

- The Site is in Close Proximity to the Pollock Wellfield: The Pollock Wellfield is located approximately 3,835 feet west of the site (cross gradient). The Pollock Wellfield is defined as approximately 5,860 acres of land which groundwater produced from public wells was identified as being impacted by PCE, TCE, and 1,1-DCE. To alleviate this contamination, wells were taken out of service, and produced groundwater from the Pollock Wellfield was blended with clean sources to ensure that the public receives water with concentrations below the State's guideline. The Pollock Wellfield is on the State's AWP.

- Potential presence of USTs that were Abandoned in Place: According to the permits reviewed, 5 USTs were abandoned in place by filling with a slurry. However, permits were vague as to the location, size and former contents of the USTs filled in place. In addition, Thorne Environmental has a figure listing all former USTs as being removed (Appendix B). With the geophysical survey conducted by CAPE in 2002, and the subsequent removal of a 1,000-gallon UST in 2004, the possibility of other existing USTs that may have been abandoned in-place in the vicinity of the former north building is less likely.

Recommendations:

Based on the results of the SCM, ENSR recommends the following scope of work:

- Prefield Activities: ENSR will apply for encroachment permits, and well installation permits with the Los Angeles DHS, and the City of Los Angeles. In addition, a subsurface utility survey may be conducted in the vicinity of the former location of the solvent USTs north of the former North Building.

- Additional Soil Assessment: ENSR recommends a Phase II soil assessment in the vicinity of the former UST area north of the North Building (in the vicinity of CB-1 and CB-2), and the southwest corner (vicinity of SV-10) of the site in a two-phase approach. Soil borings SB-31 through SB-38 will be advanced to a depth of approximately 35 feet bgs or first encountered groundwater using a hollow-stem auger drilling rig during the first phase of the soil assessment in the aforementioned areas of concern (Figure 5). Upon receipt of analytical results from the soil samples collected during the initial phase, an additional round of soil sampling may occur to further define adsorbed-phase concentrations detected. Up to eight additional soil borings (designated as SB-39 through SB-46) will be advanced to further define VOCs detected during the initial phase.

- Groundwater Monitoring Well Installation: ENSR proposes to install one additional onsite and four additional offsite groundwater monitoring wells (MW-16 through MW-20) to further define PCE/VOCs in the dissolved-phase groundwater plume. The onsite well, MW-16, will replace well MW-11 which was supposedly destroyed during site demolition activities. Offsite well MW-17 will be located to the west of the property to further define the cross gradient portion of the dissolved-phase plume. Wells MW-18 through MW-20 will be placed southwest of monitoring wells MW-14 and MW-15 to define the downgradient portion of the dissolved-phase plume (Figure 6).

1.0 INTRODUCTION

AmeriPride Service Inc. (AmeriPride) retained ENSR International, Inc. (ENSR) to review prior environmental site assessments and conditions for the former Welch's Uniform Facility located at 3505 Pasadena Avenue, Los Angeles, California (site; see Figure 1) in order to submit a Site Conceptual Model (SCM) and work plan to the Los Angeles Regional Water Quality Control Board (LARWQCB).

1.1 Purpose

The purpose of the SCM is to provide a summary of previous site assessments, remedial activities, and identify nearby potential receptors. In addition, a work plan for additional soil and groundwater assessment is provided to address data gaps that exist in the soil and groundwater samples collected to date.

2.0 SITE DESCRIPTION

2.1 Location and Legal Description of the Site

Site Location:	3505 Pasadena Avenue Los Angeles, CA 90031
Site Owner:	AmeriPride Services Inc. 10801 Wayzata Boulevard Minnetonka, Minnesota 55305
County:	Los Angeles County
Assessors Parcel Number:	5205-004-010
U.S.G.S. Quadrangle:	34118-A2 Los Angeles, CA
Latitude, Longitude:	34° 5' 8.9", 118° 12' 47.2"
UTM Co-ordinates:	388079.9, 3772138.8
Global ID Number:	SL2044P1598

The location of the site is shown on Figure 1.

2.2 Site and Vicinity Characteristics

The site is located in a relatively low-density, mixed residential and industrial area of Los Angeles, CA, approximately 3.5 miles northeast of downtown Los Angeles, California. According to City Directories provided by EDR, the site address was noted as being a Welch's Uniform Facility in 1924 (EDR, 2005d). Adjoining the western boundary of the site is a railroad spur. To the north is the Arroyo Seco, across which is the Pasadena Freeway. To the south are industrial buildings, and to the east are residential homes and Hillside Elementary school.

2.3 Description of Structures, Roads, and Other Improvements on Site

The site does not currently have any structures or improvements on site. See Figure 2 for former site structures, locations of groundwater monitoring wells, former boring locations, and soil vapor extraction wells.

2.4 Current Site Use

The site is currently an undeveloped parcel of land. Buildings and surface structures were demolished and removed in 2003.

2.5 Site Geology, Hydrology, and Topography

2.5.1 Geology

The site is located in the northernmost portion of the Downey Plain in the Los Angeles Basin near the confluence of the Los Angeles River and Arroyo Seco. The site vicinity is underlain by Recent age alluvial and stream channel deposits consisting of coarse grained sand, gravel, and cobbles. These sediments are approximately 50 to 100 feet thick beneath the site (California Department of Water Resources [CDWR], 1961).

Based on previous site assessments, interbedded poorly graded gravels and sands were observed to depths of approximately 75 feet below ground surface (bgs). Prior soil borings have met drilling refusal (hollow stem auger) at approximately 30 feet bgs, possibly due to the presence of cobbles. Cross sections A-A' and B-B' are included as Figures 3 and 4, respectively.

2.5.2 Hydrology

The site is included in the northern portion of the Central Basin Hydrogeologic Area as defined by CDWR (1961). Regional groundwater information and previous subsurface investigations (Kleinfelder Associates [Kleinfelder], 1987) indicate that the first water bearing zone beneath the site vicinity is the Gaspur aquifer at about 35 to 50 feet bgs. The thickness of the Gaspur aquifer is about 50 feet and is generally unconfined. Transmissivities in this aquifer in this area are on the order of 250,000-gallons per day per foot (CDWR, 1961). The Gaspur aquifer is underlain by non-water bearing sedimentary rocks. The regional groundwater gradient in the Gaspur aquifer, as reported by the Los Angeles County Flood Control District (LACFCD, 1986), is south-southeast. However, Kleinfelder reported a west-northwest gradient beneath the site. Groundwater in the Gaspur aquifer in the vicinity of the site is not used as a water supply source (Los Angeles Department of Water and Power [LADWP], 1988).

Based on results of the available groundwater monitoring and sampling report for the Third Quarter 2005 by Cape Environmental Management, Inc. (CAPE), static groundwater was measured at depths ranging from 32.08 to 40.05 feet bgs (approximately 317.16 to 333.41 feet above MSL, [CAPE, 2005]) in on and offsite wells on August 24, 2005. The groundwater flows to the southwest (CAPE, 2005). Groundwater gauging and analytical data through the Third Quarter 2005 are summarized in Tables 1 through 3. Well construction details are summarized in Table 4. Graphs of total petroleum hydrocarbons as gasoline (TPHg), tetrachlorethene (PCE), trichloroethene (TCE), methyl tertiary butyl ether (MTBE), and groundwater elevation versus time for select wells are included as Graphs 1 through 9.

2.5.3 Topography

Topographic map coverage of the site is provided by the USGS Los Angeles Quadrangle Map. Based upon the USGS topographic map, the site elevation is approximately 366 feet above mean sea level. The subject property is relatively flat with a very slight sloping gradient to the southwest (EDR, 2005c).

3.0 SITE HISTORY

3.1 Site Assessment Activities

In 1987, J.H. Kleinfelder & Associates (Kleinfelder) conducted a limited site characterization at the site (Kleinfelder, 1987). Four soil borings, B-1 through B-4, and three groundwater monitoring wells, MW-1 through MW-3 (now known as K-1 through K-3), near two former underground storage tanks (UST). The USTs were removed prior to the site assessment activities and reportedly contained diesel (2,000-gallons) and gasoline (10,000-gallons). Wells K-1 and K-2 were installed in the vicinity of the former diesel UST. TPHg and total petroleum hydrocarbons as diesel (TPHd) were reported in all the soil samples collected. Maximum hydrocarbon concentration of 8,800 milligrams per kilogram (mg/kg) was detected in boring B1 at 20 feet bgs. The only other analyte detected was xylenes at a maximum concentration of 39 mg/kg in boring B1 at 20 feet bgs (Kleinfelder, 1987).

In 1988, Thorne Environmental, Inc. (Thorne) supervised the removal and conducted the closure investigation of 10 USTs and three sumps at the site. The former USTs had previously contained products such as gasoline, diesel fuel, and PCE. Five of the ten USTs, ranging in size from 750 to 1,500-gallons and located on the north side of the former North Building, were identified as containing a slurry mixture of PCE, TCE, and other associated hydrocarbons. Analytical results of soil samples collected from beneath the former USTs and sumps indicated that gasoline, diesel fuel, and benzene, toluene, ethylbenzene, and total xylenes (collectively BTEX), and organic solvents were present in the soil beneath a majority of the USTs and sumps. The following maximum concentrations were detected: 3,800 mg/kg TPHd (SB-7-29); 5,900 mg/kg TPHg (SB-1-35); 52 mg/kg TCE (SB-26-30), and 33,000 mg/kg PCE (SB-19-29)(Thorne, 1989).

From 1988 to 1989, Thorne advanced 28 soil borings and installed 16 vapor extraction wells (VEWs) and 12 groundwater monitoring wells (MW-1 through MW-8, MW-9A, MW-9B, MW-10A, and MW-10B). Analytical results of the groundwater samples collected from the 12 monitoring wells indicated that gasoline, diesel fuel, BTEX, and halogenated organic compounds were present. Free product was observed in wells K-1, K-2, MW-1, and MW-3 through MW-7 during previous investigations at apparent thicknesses of 0.1 to 9.5 inches. Thorne subsequently bailed 160 gallons of free product from the wells before initiating a vapor extraction remediation program in June 1990 (Thorne, 1989 and 1990).

In June 1990, Thorne installed and began operation of a soil vapor extraction (SVE) system at the site. The VES consisted of three separate extraction units connected to VEWs in three areas of impacted soil. The extracted vapor was treated with activated carbon before being released to the atmosphere. VES Unit 1 was connected to VEWs SB-1 through SB-5 in the vicinity of the two former fuel USTs.

VES Unit 2 was connected to wells MW-1 and MW-4, and VEWs SB-6 and SB-7 in the area between the former North and South buildings. VES Unit 3 was connected to VEWs SB-10, SB-11, SB-12, SB-14, SB-15, SB-16, SB-18, and SB-19 in the area of the former PCE USTs, north of the North Building. By September 1991, the total hydrocarbon concentrations entering the VES treatment units decreased from 9,400 parts per million (ppm) to 230 ppm. Based on VES monitoring data, CAPE estimated the removal of approximately 11,940 pounds of volatile organic compounds (VOCs) were removed during the period June 1990 to August 1991.

In June and August, 1991, CET drilled three soil borings (SB-28 through SB-30), and converted SB-29 into a vadose zone monitoring well. Boring SB-28 was drilled near the two former fuel USTs (2,000 and 10,000-gallon) and had a maximum concentration of TPHd of 400 mg/kg in the 20 and 25 foot bgs soil samples; boring SB-29 was drilled near a former clarifier between the North and South buildings (maximum TPHd of 11 mg/kg in the 30 foot bgs soil sample), and boring SB-30 was drilled in the vicinity of the former USTs containing PCE, and near former borings SB-15 and SB-16. A maximum PCE concentration of 0.23 mg/kg was detected in the 5 foot bgs soil sample. In summary, minor concentrations of TPHd were detected in boring SB-28 adjacent to the former 2,000-gallon diesel UST, minor concentrations of TPHd and TPHmo were detected in boring SB-29, and minor concentrations of PCE were detected in boring SB-30 (CET, 1998).

In 1993, the site structures and buildings were removed. No site assessment or remediation activities were performed from September 1991 to July 1998. In July 1998, CAPE, as CET Environmental Services, Inc. (CET), redeveloped 11 of the groundwater monitoring wells, repaired several of the monitoring well box lids, and performed Third Quarter 1998 groundwater monitoring and sampling for AmeriPride (CET, 1998).

During August 2000, CAPE drilled and sampled six soil borings (CB-1 through CB-6) at the site to collect confirmatory soil samples from areas previously remediated using SVE. In September 2000, CAPE installed five additional monitoring wells (MW-8A, MW-11, MW-12, MW-13A, and MW-13B) to assess the lateral and upgradient extent of the dissolved-phase hydrocarbon plume. The results of the confirmatory soil sampling and the additional well installation activities indicated that VOCs were still present in the capillary fringe and in the dissolved-phase (CAPE, 2000).

In November 2001, CAPE conducted a soil gas survey consisting of 44 vapor sampling points (SV-1 through SV-44) in the vicinity of the former USTs, pump islands, buildings, sumps, and a vehicle maintenance shop. Most of the vapor sampling points with detectable levels of VOCs were located in the north-central area of the site (SV-25, SV-26, SV-27, SV-29 through SV-37, and SV-39). This was the area where known solvent releases occurred and SVE was performed in the past. Elevated concentrations of PCE (260 micrograms per liter [ug/L]) and TCE (10.3 ug/L) were also detected in the extreme southwest corner of the property in sampling point SV-10-10'. Two additional points,

SV-43-7.5', and SV-44-10', were installed approximately 35 feet east and 30 feet north of SV-10 to further assess the lateral extent of PCE and TCE. PCE was detected at a concentration of 8.8 ug/L in the northern probe, and nothing was detected in the eastern probe; indicating that the extent of the impacted soil vapor is limited. No known storage or past release of VOCs in the southwest corner of the property has been identified (CAPE, 2001).

In September 2002, CAPE installed two additional groundwater monitoring wells (MW-14 and MW-15) along Avenue 33 near Lacy Street, to further assess the downgradient portion of the dissolved-phase plume. VOCs were not detected in the soil samples collected during well installation. Analytical results of the groundwater samples collected from both of these downgradient wells indicated that the dissolved-phase plume extends to these wells (CAPE, 2002).

In July 2004, CAPE oversaw the removal of a single, 1,000-gallon steel UST. Former contents of the UST were not known. The UST was discovered by geophysical means during site investigation activities in July 2002. A single soil sample (UST-EX Bottom) was collected from beneath the UST, and laboratory analysis indicated that TPHg, VOCs (including BTEX), ethanol, and methanol were not detected (CAPE, 2004).

Historic soil data is included as Appendix A. Historic figures showing sampling locations, former UST locations, and cross-sections are included as Figure B. Soil boring logs are included as Appendix C, and well construction details are included as Table 4.

3.2 Past Uses of Adjoining Properties

The following sources were utilized in research for the historic land uses of the site abutters: aerial photographs, topographic maps, and Sanborn Fire Insurance Maps. Historic aerial photographs are included as Appendix E, historic topographic maps are included as Appendix F, and Sanborn Maps, and a City Directory Report are included as Appendix G.

Table 1 summarizes the information pertaining to the historic land use of the surrounding properties.

Table 1
Chronological Historic Use of Abutting Properties

Location	Date	Source	Description	Level of Concern
North abutters	1906	Sanborn map	Arroyo, bridge and railway mainline	No Concern
	1913, 1915	Topographic map	Flood channel and railway mainline	No Concern
	1920	Sanborn map	Arroyo	No Concern
	1928	Topographic map and Aerial Photo	Flood channel	No Concern
	1938	Aerial Photo	Flood channel and residential	No Concern
	1947	Aerial Photo	Pasadena Freeway and railway mainline	No Concern
	1951	Sanborn map	LA County flood control channel	No Concern
	1953	Topographic map	Pasadena Freeway and railway mainline	No Concern
	1956, 1965	Aerial Photo	Pasadena Freeway and railway mainline	No Concern
	1966	Topographic map	Pasadena Freeway and railway mainline	No Concern
	1970	Sanborn map	LA County flood control channel	No Concern
	1966, revised 1972	Topographic map	Pasadena Freeway and railway mainline	No Concern

Table 1
Chronological Historic Use of Abutting Properties

Location	Date	Source	Description	Level of Concern
North abutters	1976	Aerial Photo	Pasadena Freeway and railway mainline	No Concern
	1966, revised 1981	Topographic map	Pasadena Freeway and railway mainline	No Concern
	1989, 1994	Aerial Photo	Pasadena Freeway and railway mainline	No Concern
	1966, revised 1994	Topographic map	Pasadena Avenue and Hillside School	No Concern
	2002	Aerial Photo	Pasadena Freeway and railway mainline	No Concern
East abutters	1906	Sanborn map	Pasadena Avenue	No Concern
	1913, 1915	Topographic map	Small structures probably houses	No Concern
	1920	Sanborn map	Residential houses	No Concern
	1928	Topographic map and Aerial Photo	Small structures probably houses	No Concern
	1938, 1947	Aerial Photo	Small residential structures	No Concern
	1951	Sanborn map	Hillside School, store and residential houses	No Concern
	1953	Topographic map	Pasadena Avenue and Hillside School	No Concern
	1956, 1965	Aerial Photo	Small residential structures	No Concern
	1966	Topographic map	Pasadena Avenue and Hillside School	No Concern
	1970	Sanborn map	Hillside School, store and residential houses	No Concern
	1966, revised 1972	Topographic map	Pasadena Avenue and Hillside School	No Concern
	1976	Aerial Photo	Small residential structures	No Concern

Table 1
Chronological Historic Use of Abutting Properties

Location	Date	Source	Description	Level of Concern
East abutters	1966, revised 1981	Topographic map	Pasadena Avenue and Hillside School	No Concern
	1989, 1994	Aerial Photo	Small residential structures	No Concern
	1966, revised 1994	Topographic map	Pasadena Avenue and Hillside School	No Concern
	2002	Aerial Photo	Small residential structures	No Concern
South abutters	1906	Sanborn map	Residential homes	No Concern
	1913, 1915	Topographic map	Small residential structures	No Concern
	1920	Sanborn map	Residential homes	No Concern
	1928	Topographic map and Aerial Photo	Small structures and one large structure, probably a warehouse	No Concern
	1938, 1947	Aerial Photo	One large building, probably a warehouse, and residential homes	No Concern
	1951	Sanborn map	Parking lot, stores and bakery	No Concern
	1953	Topographic map	Nothing is depicted	No Concern
	1956, 1965	Aerial Photo	Parking lot, warehouse, industrial park	Low Concern
	1966	Topographic map	Nothing is depicted	No Concern
	1970	Sanborn map	Parking, Metal Stamping Shop and Stores	Low Concern
	1966, revised 1972	Topographic map	Nothing is depicted	No Concern
	1976	Aerial Photo	One large building, probably a warehouse, and residential homes	No Concern
	1966, revised 1981	Topographic map	Nothing is depicted	No Concern
	1989, 1994	Aerial Photo	One large building, probably a warehouse, and residential homes	No Concern

Table 1
Chronological Historic Use of Abutting Properties

Location	Date	Source	Description	Level of Concern
South abutters	1966, revised 1994	Topographic map	Nothing is depicted	No Concern
	2002	Aerial Photo	One large building, probably a warehouse, and residential homes	No Concern
West abutters	1906	Sanborn map	Small dwellings, probably residential	No Concern
	1913, 1915	Topographic map	Railway main line	No Concern
	1920	Sanborn map	Arroyo	No Concern
	1928	Topographic map and Aerial Photo	Railway main line	No Concern
	1938	Aerial Photo	Arroyo and Railway main line	No Concern
	1947	Aerial Photo	Flood Channel, Railway main line, Pasadena Freeway	No Concern
	1951	Sanborn map	Arroyo	No Concern
	1953	Topographic map	Railway main line	No Concern
	1956, 1965	Aerial Photo	Flood Channel, Railway main line, Pasadena Freeway	No Concern
	1966	Topographic map	Railway main line	No Concern
	1970	Sanborn map	Arroyo	No Concern
	1966, revised 1972	Topographic map	Railway main line	No Concern
	1976	Aerial Photo	Flood Channel, Railway main line, Pasadena Freeway	No Concern
	1966, revised 1981	Topographic map	Railway main line	No Concern
	1989, 1994	Aerial Photo	Flood Channel, Railway main line, Pasadena Freeway	No Concern

Table 1 Chronological Historic Use of Abutting Properties				
Location	Date	Source	Description	Level of Concern
West abutters	1966, revised 1994	Topographic map	Railway main line	No Concern
	2002	Aerial Photo	Flood Channel, Railway main line, Pasadena Freeway	No Concern

The former use of properties such as metal stamping shop are considered low concerns due to the potential of hazardous materials used at these sites.

3.3 Offsite Receptor Survey

3.3.1 Production Well Information

The Los Angeles County Department of Public Works (LACDPW) was previously contacted for production well information. Two wells (2781 and 2771I) were identified within a 1-mile radius of the site.

- Well 2781 was a test hole drilled to a total depth of 84 feet with an open end. Hole was drilled in 1938. Location is approximately 0.75 mile northwest (upgradient) from the site.
- Well 2771I was completed to a depth of 76 feet. Well was drilled in 1931. Location is approximately 0.85 mile west (cross-gradient) from the site.

Based on the distance, location, and usage of these wells, the potential environmental impact on these wells from the site is minimal. Information provided by the LACDPW is included in Appendix G. Well locations are shown on Figure 1.

3.3.2 Schools, Daycare Centers, Hospitals, and Retirement Centers

A database search performed by EDR in a 1-mile search radius around the site resulted in the following:

- Eight Day Care centers: the closest of which is Avenue 28 Head Start, located approximately 0.5-mile south (down to cross-gradient) of the site.
- One nursing home: Sycamore Park Convalescent Hospital is located approximately 1-mile north-northeast (upgradient) of the site.
- Seventeen schools: the closest of which is Hillside Elementary School located approximately 246 feet southeast (down to cross-gradient) of the site. The next closest school is Loreto Street Elementary located approximately 1,217 feet west-northwest (upgradient) of the site.

Based on the proximity and location of the Hillside Elementary School, proposed remedial methods should address this potential receptor. The EDR Offsite Receptor Report is included in Appendix D.

4.0 RECORDS REVIEW

EDR performed an environmental database review of the subject property and the surrounding area. EDR conducted a search of federal and state environmental databases. A copy of the EDR report is included as Appendix D.

4.1 Federal and State Database Review

USEPA: National Priority List (NPL)

The site is not listed on the USEPA NPL as a disposal site. However, one USEPA NPL site located within one mile of the site. The NPL site is Pollock Wellfield, located approximately 3,835 feet west. The Pollock Wellfield is defined as approximately 5,860 acres of land which groundwater produced from public wells was identified as being impacted by PCE, TCE, and 1,1-dichloroethene (DCE). To alleviate this contamination, wells were taken out of service, and produced groundwater from the Pollock Wellfield was blended with clean sources to ensure that the public receives water with concentrations below the State's guideline. The Pollock Wellfield is on the State's Annual Work Plan (AWP).

USEPA: Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS)

The site is not listed on the USEPA CERCLIS list. However, two sites within the prescribed search radius are listed on the CERCLIS database. These sites were Kennington Ltd., located 1,396 feet southwest and Ni West Incorporated located 1,919 south-southwest.

USEPA: Resource Conservation and Recovery Information System (RCRIS): Treatment, Storage, and Disposal (TSD) Facility

The site is not listed as a RCRIS TSD facility, and no TSD facilities were identified within 0.25 mile of the site. Five sites were identified as RCRA-SQG, however no violations were reported for any of the adjacent sites. Based on the distance, direction, and absence of reported violations, the operations at five adjacent sites are unlikely to impact the site.

USEPA: Resource Conservation and Recovery Information System (RCRIS)

The subject site is listed as a RCRIS- small quantity generator (SQG), and no violations were found.

USEPA: Emergency Response Notification System (ERNS)

The site is not listed on the ERNS database.

STATE: List of Sites Producing Hazardous Waste Manifests (HAZNET)

The subject site is listed on the HAZNET database as American Linen Supply Company (3505 Pasadena Avenue) for the generation of aqueous solutions containing oxygenated solvents (acetone, butanone, ethyl acetate, etc.).

STATE: List of Known or Potential Sites with Hazardous Substances (Cal-Sites)

The subject site is not listed on the Cal-Sites database. However, there is one site within the prescribed search radius (one mile). This site is identified as the Pollock Wellfield located 3835 feet west of the site.

STATE: Solid Waste Landfill (SWL)

The subject site is not listed as a SWL facility. One SWL, Lacy Street Dump located at 400 26th Avenue, was identified within 0.5 mile of the site.

STATE: Registered Underground Storage Tanks

The site is listed on the UST, Historical UST and CA Facility Inventory Database (CA FID) UST database. The site is listed as having 10 USTs: One 2,000-gallon diesel, one 10,000-gallon gasoline, one 6,000-gallon diesel, one 1,000-gallon diesel, one 1,700-gallon waste oil, one 3,200-gallon waste oil, one 3,590-gallon unreported content, one 1,800-gallon unreported content, one 800-gallon waste oil, and one 7,200-gallon unreported content. One other site had reported USTs within the search distance of 0.25 mile:

- 945 Larkin Street, approximately 349 feet north-northeast (upgradient), one UST with unreported size and content, closed January 2000.

The CA FID UST and Historical UST databases identify three other sites in the vicinity with USTs:

- Food For Life, 3580 Pasadena Avenue, approximately 797 feet north-northeast (upgradient), three 9,000-gallon gasoline USTs removed. Leak to soil being confirmed.
- Mike's Transmission, 3500 North Figueroa Street, approximately 1,241 feet north-northwest (up or cross gradient), three 500-gallon gasoline USTs.
- Ileasco, 3577 North Figueroa Street, approximately 1,304 feet north-northwest (up or cross gradient), three USTs (one 4,000-gallon diesel, one 8,000-gallon gasoline, and one 7,500-gallon gasoline).

STATE: Leaking Underground Storage Tanks

The subject site is listed as a LUST site due to the initial discovery of contaminated soil during diesel and gasoline UST removal activities. Impacted soil was excavated and removed, groundwater monitoring was initiated, and soil vapor extraction was operated from June 1990 to August 1991.

In addition, four LUST sites were identified within a 0.5 mile search radius:

- Food For Life/Flavor Foods Inc., 3580 Pasadena Avenue, approximately 797 feet north-northeast (upgradient), three 9,000-gallon gasoline USTs removed. Hydrocarbon release reported 10/28/1986; leak to soil being confirmed.
- Bill's Automotive #1, 100 East Avenue 28, approximately 2,429 feet south-southwest (downgradient); leak to groundwater discovered 7/31/91, case closed 6/20/98.
- Unger Fabrik, 3225 Lacy Street, approximately 1,660 feet west-southwest (downgradient); soil only release discovered 7/13/95 during tank closure, case closed 11/1/95.
- Lincoln Heights Service Department of Public Works (DPW), 3101 Artesian Street, approximately 1,766 feet southwest (downgradient); hydrocarbon release discovered on 3/26/91, case closed on12/19/97.

Based on its distance from the subject property, status, and the inferred groundwater gradient (i.e., to the west-southwest), it is likelythat the Food for Life/Flavor Foods Inc. site has impacted the site.

Other Database Listings

In addition to the databases listed above, the subject property is also listed on the CORTESE database, which is a state database of hazardous substance sites selected for remedial action. Petroleum Hydrocarbons and VOCs were listed, but the remedial action was not reported. In ENSR's opinion, this listing refers to the LUST and the SVE that occurred. Subsequent remedial action included pumping the free-product out of the wells.

USEPA: The Facility Index System (FINDS)

The subject site is listed on the USEPA FINDS list due to its listing on other databases (i.e., RCRA-SQG, LUST, CORTESE, SLIC, CA FID UST, HIST UST, SWEEPS UST, HAZNET). The search of the FINDS database was limited to the subject property.

4.2 Underground and/or Aboveground Storage Tanks (AST)

4.2.1 Current UST

The site does not currently operate any USTs.

4.2.2 Former USTs

Prior to site assessment activities by Kleinfelder in 1987, two USTs were removed and reportedly contained diesel (2,000-gallons) and gasoline (10,000-gallons). In 1988, Thorne supervised the

removal and conducted the closure investigation of 10 USTs and three sumps at the site. The former USTs had previously contained products such as gasoline, diesel fuel, and PCE. Five of the ten USTs, ranging in size from 750 to 1,500-gallons and located on the north side of the former North Building, were identified as containing a slurry mixture of PCE, TCE, and other associated hydrocarbons.

A review of files, reports and permits at the Los Angeles Fire Department revealed a UST removal report dated August 2004. The report by CAPE indicated that a single, 1,000-gallon steel UST was removed on July 8, 2004. Former contents of the UST were not known. The UST was discovered by geophysical means during site investigation activities in July 2002. A single soil sample (UST-B(Bottom) was collected from beneath the UST, and laboratory analysis indicated that TPHg, VOCs (including BTB(), ethanol, and methanol were not detected (CAPE, 2004).

According to the permits reviewed, 5 USTs were abandoned in place by filling with a slurry. However, permits were vague as to the location, size and former contents of the USTs filled in place. In addition, Thorne Environmental has a figure listing all former USTs as being removed (Appendix B). With the geophysical survey conducted by CAPE in 2002, and the subsequent UST removal in 2004, the possibility of other existing USTs that may have been abandoned in-place in the vicinity north of the former north building is less likely.

4.2.3 Current ASTs

There are no currents ASTs onsite.

4.2.4 Former ASTs

Five former ASTs (two 1,000-gallon, two 250-gallon, and one 800-gallon) were located on the north side of the North Building in the vicinity of the former PCE and TCE USTs.

5.0 SUMMARY AND RECOMMENDATIONS

5.1 Summary

The subject of this SCM is the former Welch's Uniform Facility located at 3505 Pasadena Avenue, Los Angeles, California. This work was performed in accordance with our proposal to AmeriPride Services Inc. dated August 4, 2005. The purpose of this investigation was to evaluate the existing environmental assessments and to assess the need for additional assessment if warranted.

The following issues of potential concern were identified:

- Lingering Presence of Subsurface VOC's in the Vicinity of the Former UST Locations (North of the North Building): Based on the confirmation borings collected in August 2000 in the area previously remediated using SVE, concentrations of PCE and TCE were reported at a maximum concentration of 79 mg/kg (CB-1-35), and 66 mg/kg (CB-2-35), respectively (CAPE, 2000). Based on these concentrations, the LARWQCB denied the request for no further action, and requested additional site assessment activities in the vicinity of the former PCE USTs in correspondence dated January 10, 2001.

- Further Definition of VOC's in the Southwest Corner of the Site: Based on a soil vapor survey conducted in 2001, elevated concentrations of PCE (260 ug/L; SV-10-10) were detected in the southwest corner of the site and in areas of the former solvent USTs. Two additional soil vapor points, SV-43 and SV-44 were installed to the north and east of SV-10. Minor concentrations of PCE were only detected in the northern soil vapor location (SV-44), however, no assessment was conducted to the south of SV-10 (adjacent property).

- Delineation of Offsite Dissolved-Phase VOC's Southwest of the Site: Concentrations of PCE and TCE were detected in the furthest downgradient monitoring wells, MW-14 and MW-15, at 10 times the MCL for drinking water. The downgradient protion of the dissolved-phase VOC plume is undefined.

- The Site is in Close Proximity to the Pollock Wellfield: The Pollock Wellfield is located approximately 3,835 feet west of the site (cross gradient). The Pollock Wellfield is defined as approximately 5,860 acres of land which groundwater produced from public wells was identified as being impacted by PCE, TCE, and 1,1-DCE. To alleviate this contamination, wells were taken out of service, and produced groundwater from the Pollock Wellfield was blended with clean sources to ensure that the public receives water with concentrations below the State's guideline. The Pollock Wellfield is on the State's AWP.

- Potential presence of USTs that were Abandoned in Place: According to the permits reviewed, 5 USTs were abandoned in place by filling with a slurry. However, permits were vague as to the location, size and former contents of the USTs filled in place. In addition, Thorne Environmental has a figure listing all former USTs as being removed (Appendix B). With the geophysical survey conducted by CAPE in 2002, and the subsequent removal of a 1,000-gallon UST in 2004, the possibility of other existing USTs that may have been abandoned in-place in the vicinity of the former north building is less likely.

5.2 Recommendations

Based on the above, ENSR recommends the following scope of work:

5.2.1 Prefield Activities

ENSR will apply for encroachment permits, and well installation permits with the Los Angeles DHS, and the City of Los Angeles. In addition, Underground Service Alert will be notified a minimum of 2 working days prior to initiating drilling activities.

In order to avoid subsurface utilities, monitoring well locations located on and offsite will be hand-augured or air-knifed to a depth of at least 5 feet prior to drilling. In addition, a subsurface utility survey may be conducted in the vicinity of the former location of the solvent USTs north of the former North Building.

5.2.2 Additional Soil Assessment

Initial Sampling Phase

ENSR recommends a Phase II soil assessment in the vicinity of the former UST area north of the North Building (in the vicinity of CB-1 and CB-2), and the southwest corner (vicinity of SV-10) of the site in a two-phase approach. Soil borings SB-31 through SB-38 will be advanced to a depth of approximately 35 feet bgs or first encountered groundwater using a hollow-stem auger drilling rig during the first phase of the soil assessment in the aforementioned areas of concern (Figure 5).

Analytical Method

Soil samples will be collected at 5-foot depth intervals and submitted for VOC analysis by EPA Method 8260B, and using field preservation method (EPA Method 5035). One hydropunch groundwater sample will be collected from SB-38 in the southwest corner of the site. One soil sample collected from the former UST area and one sample from the southwest corner of the site will be analyzed for physical properties typically used in vapor transport modeling (Johnson-Ettinger Model).

Additional Characterization Step Out Phase

Upon receipt of analytical results from the soil samples collected during the initial phase, an additional round of soil sampling may occur to further define adsorbed-phase concentrations detected. Up to eight additional soil borings (designated as SB-39 through SB-46) will be advanced to further define VOCs detected during the initial phase.

General field procedures are included in Appendix H, and a site specific Health and Safety Plan is included as Appendix I.

5.2.3 Groundwater Monitoring Well Installation

ENSR proposes to install one additional onsite and four additional offsite groundwater monitoring wells (MW-16 through MW-20) to further define PCE/VOCs in the dissolved-phase groundwater plume. The onsite well, MW-16, will replace well MW-11 which was supposedly destroyed during site demolition activities. Offsite well MW-17 will be located to the west of the property to further define the cross gradient portion of the dissolved-phase plume. Wells MW-18 through MW-20 will be placed southwest of monitoring wells MW-14 and MW-15 to define the downgradient portion of the dissolved-phase plume (Figure 6).

Based on the historical release of VOCs from the Kennington property located at 3209 Humboldt Street, and the proximity of the site to the Pollock Wellfield, ENSR believes that these three additional

downgradient wells will adequately assess the dissolved-phase plume that may have originated from the Former Welch's Uniform Facility. Any wells placed further downgradient than these locations may be assessing commingled VOCs from multiple sources.

All wells will be advanced to a depth of approximately 65 feet bgs, and screened from 20 to 65 feet. Monitoring wells will be constructed of 4-inch diameter polyvinyl chloride (PVC), with 0.020-inch slotted screen. Each well will have a traffic rated 12-inch diameter well box, with a locking well cap. Upon completion of well installation activities, each well will be developed, and the location and top of well casing will be surveyed by a licensed land surveyor. All newly installed groundwater monitoring wells will be added to the quarterly groundwater monitoring and sampling program. ENSR recommends joint quarterly groundwater monitoring with the Kennington property since several of the groundwater monitoring wells that were installed to assess dissolved-phase concentrations beneath the Kennington property are in a downgradient position relative to the site.

Analytical Methods

Groundwater samples collected from the newly installed wells will be analyzed for the same constituents as the other monitoring wells in the program. Additional analysis of select wells for natural attenuation parameters such as dissolved-oxygen (DO, field instrument), pH (field instrument), oxidation-reduction potential (ORP; field instrument), nitrate and nitrite (EPA Method 300), sulfate (EPA Method 300), ferrous iron (SM3500-FeD), methane (EPA Method RSK-175M),

5.2.4 Waste Handling

All waste materials generated during soil and groundwater assessment will be temporarily stored onsite in Department of Transportation approved 55-gallon drums or covered roll-off containers pending analytical results. Soil and groundwater will then be transported under manifest once characterized to a soil or groundwater recycling facility.

5.2.5 Updated Site Conceptual Model

An updated SCM will be submitted incorporating additional soil and groundwater data collected during the proposed assessment activities. In addition, an analysis of the groundwater data using the natural attenuation parameters will be conducted to determine if the site is a candidate for monitored natural attenuation (MNA).

6.0 REFERENCES

Aerial Photographs dated 1928, 1938, 1947, 1956, 1965, 1976, 1989, 1994 and 2002 of 3505 Pasadena Avenue, Los Angeles, CA, Environmental Data Resources (EDR).

Arcadis G&M, Inc., 2005, Second Quarter 2005 Progress Report – ITT Cannon – Humboldt Street Site (Former Kennington Property), Los Angeles, CA, August 12.

Cape Environmental Management, Inc. (CAPE), 2000, Confirmatory Soil Sampling and Monitoring Well Installation Report, Former Welch's Uniform Facility, 3505 Pasadena Avenue, Los Angeles, CA, November.

CAPE, 2002, Results of Soil Gas Survey at the Former Welch;s Uniform Facility Site, 3505 Pasadena Avenue, Los Angeles, California, January 31.

CAPE, 2004, UST Closure Report: Former Welch;s Uniform Facility Site, 3505 Pasadena Avenue, Los Angeles, California, August.

CAPE, 2005, Third Quarter 2005 Groundwater Monitoring and Sampling Report, Former Welch's Uniform Facility, 3505 Pasadena Avenue, Los Angeles, CA, October.

CET Environmental Services, Inc., 1998, Status Report Soil Remediation Program – Former Welch's Uniform Rental Facility, 3505 Pasadena Avenue, Los Angeles, California

EDR, 2005a, Radius Map with GeoCheck Report, Former Welch's Uniform Facility, 3505 Pasadena Avenue, Los Angeles, CA, September.

EDR, 2005b, Offsite Receptor Report, Former Welch's Uniform Facility, 3505 Pasadena Avenue, Los Angeles, CA, September.

EDR, 2005c, Sanborn Maps, Former Welch's Uniform Facility, 3505 Pasadena Avenue, Los Angeles, CA, September.

EDR, 2005d, City Directory Report, Former Welch's Uniform Facility, 3505 Pasadena Avenue, Los Angeles, CA, September.

Kleinfelder, 1987, Report of Environmental Investigation, Welch's Uniform Rental, 3505 Pasadena Avenue, Los Angeles, CA, October 22.

References (continued):

Los Angeles County Department of Public Works, Hydrologic Records Division.

Thorne Environmental Inc. (Thorne), 1989, Site Characterization Report, Welch's Uniform Rental, Los Angeles, May 10.

Thorne, 1990, Phase II Groundwater Assessment - Welch's Uniform Rental Company, Los Angeles, June.

Thorne, 1991, Interim Status Report Soil Remediation, Former Welch's Uniform Rental, Los Angeles, September.

U.S. Geological Survey Topographic Quadrangle Map, Los Angeles, CA, dated 1913, 1915, 1928, 1953, 1966 (photorevised 1972, 1981, 1994).

TABLES

Table 1

SUMMARY OF GROUNDWATER MONITORING RESULTS

Former Aeroflex Union Facility

3354 Pulaski Avenue

Los Angeles, CA 90039

WELL ID	DATE MONITORED	TOP OF CASING ELEVATION (Feet msl)	DEPTH TO WATER (Feet)	ADJUSTED STATIC GROUNDWATER ELEVATION (Feet msl)	LIQUID PRODUCT THICKNESS (Inches)
MW-1	12/1/2004	385.84	34.37	351.47	ND
	03/15/05	385.84	ND	ND	ND
	06/22/05	385.84	34.70	351.14	ND
	09/21/05	NM	NM	NM	NM
	12/21/05	NM	NM	NM	NM
	03/29/06	NM	NM	NM	NM
	06/28/06	NM	NM	NM	NM
	09/20/06	385.47	NM	NM	NM
DESTROYED	12/27/06	NM	NM	NM	NM
MW-2	12/1/2004	387.47	36.33	351.14	ND
	03/15/05	387.47	NM	ND	ND
	06/22/05	387.47	36.37	351.10	ND
	09/21/05	387.08	36.41	350.67	ND
	12/21/05	386.96	37.00	349.96	ND
	03/29/06	386.54	37.00	349.54	ND
	06/28/06	387.38	36.33	351.05	ND
	09/20/06	387.38	36.33	351.05	ND
	12/27/06	387.38	37.90	349.48	ND
	03/29/07	387.38	37.88	349.50	ND
	06/28/07	387.38	37.88	349.50	ND
	09/27/07	387.08	36.46	350.62	ND
	12/27/07	387.08	36.46	350.62	ND
	03/28/08	387.38	37.84	349.54	ND
	06/30/08	387.38	37.84	349.54	ND
	09/29/08	387.38	37.84	349.54	ND
	12/29/08	387.38	37.84	349.54	ND
	03/30/09	387.38	37.84	349.54	ND
	06/29/09	387.38	37.84	349.54	ND
	09/28/09	387.38	37.84	349.54	ND
	12/28/09	387.38	37.84	349.54	ND
	03/29/10	387.38	37.84	349.54	ND
	06/28/10	387.38	37.84	349.54	ND
	09/27/10	387.38	37.84	349.54	ND
	12/27/10	387.38	37.84	349.54	ND
	03/28/11	387.38	37.84	349.54	ND
	06/27/11	387.38	37.84	349.54	ND
	09/26/11	387.38	37.84	349.54	ND
	12/26/11	387.38	37.84	349.54	ND
	03/26/12	387.38	37.84	349.54	ND
	06/25/12	387.38	37.84	349.54	ND
	09/24/12	387.38	37.84	349.54	ND
	12/24/12	387.38	37.84	349.54	ND
	03/25/13	387.38	37.84	349.54	ND
	06/24/13	387.38	37.84	349.54	ND
	09/23/13	387.38	37.84	349.54	ND
	12/23/13	387.38	37.84	349.54	ND
	03/24/14	387.38	37.84	349.54	ND
	06/23/14	387.38	37.84	349.54	ND
	09/22/14	387.38	37.84	349.54	ND
	12/22/14	387.38	37.84	349.54	ND
	03/23/15	387.38	37.84	349.54	ND
	06/22/15	387.38	37.84	349.54	ND
	09/21/15	387.38	37.84	349.54	ND
	12/21/15	387.38	37.84	349.54	ND
	03/21/16	387.38	37.84	349.54	ND
	06/20/16	387.38	37.84	349.54	ND
	09/19/16	387.38	37.84	349.54	ND
	12/19/16	387.38	37.84	349.54	ND
	03/20/17	387.38	37.84	349.54	ND
	06/19/17	387.38	37.84	349.54	ND
	09/18/17	387.38	37.84	349.54	ND
	12/18/17	387.38	37.84	349.54	ND
	03/19/18	387.38	37.84	349.54	ND
	06/18/18	387.38	37.84	349.54	ND
	09/17/18	387.38	37.84	349.54	ND
	12/17/18	387.38	37.84	349.54	ND
	03/18/19	387.38	37.84	349.54	ND
	06/17/19	387.38	37.84	349.54	ND
	09/16/19	387.38	37.84	349.54	ND
	12/16/19	387.38	37.84	349.54	ND
	03/16/20	387.38	37.84	349.54	ND
	06/15/20	387.38	37.84	349.54	ND
	09/14/20	387.38	37.84	349.54	ND
	12/14/20	387.38	37.84	349.54	ND
	03/15/21	387.38	37.84	349.54	ND
	06/14/21	387.38	37.84	349.54	ND
	09/13/21	387.38	37.84	349.54	ND
	12/13/21	387.38	37.84	349.54	ND
	03/14/22	387.38	37.84	349.54	ND
	06/13/22	387.38	37.84	349.54	ND
	09/12/22	387.38	37.84	349.54	ND
	12/12/22	387.38	37.84	349.54	ND
	03/13/23	387.38	37.84	349.54	ND
	06/12/23	387.38	37.84	349.54	ND
	09/11/23	387.38	37.84	349.54	ND
	12/11/23	387.38	37.84	349.54	ND
	03/11/24	387.38	37.84	349.54	ND
	06/10/24	387.38	37.84	349.54	ND
	09/09/24	387.38	37.84	349.54	ND
	12/09/24	387.38	37.84	349.54	ND
	03/10/25	387.38	37.84	349.54	ND
	06/09/25	387.38	37.84	349.54	ND
	09/08/25	387.38	37.84	349.54	ND
	12/08/25	387.38	37.84	349.54	ND
	03/09/26	387.38	37.84	349.54	ND
	06/08/26	387.38	37.84	349.54	ND
	09/07/26	387.38	37.84	349.54	ND
	12/07/26	387.38	37.84	349.54	ND
	03/08/27	387.38	37.84	349.54	ND
	06/07/27	387.38	37.84	349.54	ND
	09/06/27	387.38	37.84	349.54	ND
	12/06/27	387.38	37.84	349.54	ND
	03/07/28	387.38	37.84	349.54	ND
	06/06/28	387.38	37.84	349.54	ND
	09/05/28	387.38	37.84	349.54	ND
	12/05/28	387.38	37.84	349.54	ND
	03/06/29	387.38	37.84	349.54	ND
	06/05/29	387.38	37.84	349.54	ND
	09/04/29	387.38	37.84	349.54	ND
	12/04/29	387.38	37.84	349.54	ND
	03/05/30	387.38	37.84	349.54	ND
	06/04/30	387.38	37.84	349.54	ND
	09/03/30	387.38	37.84	349.54	ND
	12/03/30	387.38	37.84	349.54	ND
	03/04/31	387.38	37.84	349.54	ND
	06/03/31	387.38	37.84	349.54	ND
	09/02/31	387.38	37.84	349.54	ND
	12/02/31	387.38	37.84	349.54	ND
	03/03/32	387.38	37.84	349.54	ND
	06/02/32	387.38	37.84	349.54	ND
	09/01/32	387.38	37.84	349.54	ND
	12/01/32	387.38	37.84	349.54	ND
	03/02/33	387.38	37.84	349.54	ND
	06/01/33	387.38	37.84	349.54	ND
	08/31/33	387.38	37.84	349.54	ND
	11/30/33	387.38	37.84	349.54	ND
	02/29/34	387.38	37.84	349.54	ND
	05/30/34	387.38	37.84	349.54	ND
	08/29/34	387.38	37.84	349.54	ND
	11/28/34	387.38	37.84	349.54	ND
	02/27/35	387.38	37.84	349.54	ND
	05/28/35	387.38	37.84	349.54	ND
	08/27/35	387.38	37.84	349.54	ND
	11/26/35	387.38	37.84	349.54	ND
	02/25/36	387.38	37.84	349.54	ND
	05/26/36	387.38	37.84	349.54	ND
	08/25/36	387.38	37.84	349.54	ND
	11/24/36	387.38	37.84	349.54	ND
	02/23/37	387.38	37.84	349.54	ND
	05/24/37	387.38	37.84	349.54	ND
	08/23/37	387.38	37.84	349.54	ND
	11/22/37	387.38	37.84	349.54	ND
	02/21/38	387.38	37.84	349.54	ND
	05/22/38	387.38	37.84	349.54	ND
	08/21/38	387.38	37.84	349.54	ND
	11/20/38	387.38	37.84	349.54	ND
	02/19/39	387.38	37.84	349.54	ND
	05/20/39	387.38	37.84	349.54	ND
	08/19/39	387.38	37.84	349.54	ND
	11/18/39	387.38	37.84	349.54	ND
	02/17/40	387.38	37.84	349.54	ND
	05/18/40	387.38	37.84	349.54	ND
	08/17/40	387.38	37.84	349.54	ND
	11/16/40	387.38	37.84	349.54	ND
	02/15/41	387.38	37.84	349.54	ND
	05/16/41	387.38	37.84	349.54	ND
	08/15/41	387.38	37.84	349.54	ND
	11/14/41	387.38	37.84	349.54	ND
	02/13/42	387.38	37.84	349.54	ND
	05/14/42	387.38	37.84	349.54	ND
	08/13/42	387.38	37.84	349.54	ND
	11/12/42	387.38	37.84	349.54	ND
	02/11/43	387.38	37.84	349.54	ND
	05/12/43	387.38	37.84	349.54	ND
	08/11/43	387.38	37.84	349.54	ND
	11/10/43	387.38	37.84	349.54	ND
	02/09/44	387.38	37.84	349.54	ND
	05/10/44	387.38	37.84	349.54	ND
	08/09/44	387.38	37.84	349.54	ND
	11/08/44	387.38	37.84	349.54	ND
	02/07/45	387.38	37.84	349.54	ND
	05/08/45	387.38	37.84	349.54	ND
	08/07/45	387.38	37.84	349.54	ND
	11/06/45	387.38	37.84	349.54	ND
	02/05/46	387.38	37.84	349.54	ND
	05/06/46	387.38	37.84	349.54	ND
	08/05/46	387.38	37.84	349.54	ND
	11/04/46	387.38	37.84	349.54	ND
	02/03/47	387.38	37.84	349.54	ND
	05/04/47	387.38	37.84	349.54	ND
	08/03/47	387.38	37.84	349.54	ND
	11/02/47	387.38	37.84	349.54	ND
	02/01/48	387.38	37.84	349.54	ND
	05/02/48	387.38	37.84	349.54	ND
	08/01/48	387.38	37.84	349.54	ND
	10/31/48	387.38	37.84	349.54	ND
	01/30/49	387.38	37.84	349.54	ND
	04/30/49	387.38	37.84	349.54	ND
	07/30/49	387.38	37.84	349.54	ND
	10/29/49	387.38	37.84	349.54	ND
	01/28/50	387.38	37.84	349.54	ND
	04/29/50	387.38	37.84	349.54	ND
	07/28/50	387.38	37.84	349.54	ND
	10/27/50	387.38	37.84	349.54	ND
	01/26/51	387.38	37.84	349.54	ND
	04/27/51	387.38	37.84	349.54	ND
	07/26/51	387.38	37.84	349.54	ND
	10/25/51	387.38	37.84	349.54	ND
	01/24/52	387.38	37.84	349.54	ND
	04/24/52	387.38	37.84	349.54	ND
	07/24/52	387.38	37.84	349.54	ND
	10/23/52	387.38	37.84	349.54	ND
	01/22/53	387.38	37.84	349.54	ND
	04/23/53	387.38	37.84	349.54	ND
	07/22/53	387.38	37.84	349.54	ND
	10/21/53	387.38	37.84	349.54	ND
	01/20/54	387.38	37.84	349.54	ND
	04/21/54	387.38	37.84	349.54	ND
	07/20/54	387.38	37.84	349.54	ND
	10/19/54	387.38	37.84	349.54	ND
	01/18/55	387.38	37.84	349.54	ND
	04/19/55	387.38	37.84	349.54	ND
	07/18/55	387.38	37.84	349.54	ND
	10/17/55	387.38	37.84	349.54	ND
	01/16/56	387.38	37.84	349.54	ND
	04/16/56	387.38	37.84	349.54	ND
	07/15/56	387.38	37.84	349.54	ND
	10/14/56	387.38	37.84	349.54	ND
	01/13/57	387.38	37.84	349.54	ND
	04/14/57	387.38	37.84	349.54	ND
	07/13/57	387.38	37.84	349.54	ND
	10/12/57	387.38	37.84	349.54	ND
	01/11/58	387.38	37.84	349.54	ND
	04/12/58	387.38	37.84	349.54	ND
	07/11/58	387.38	37.84	349.54	ND
	10/10/58	387.38	37.84	349.54	ND
	01/09/59	387.38	37.84	349.54	ND
	04/10/59	387.38	37.84	349.54	ND
	07/09/59	387.38	37.84	349.54	ND
	10/08/59	387.38	37.84	349.54	ND
	01/07/60	387.38	37.84	349.54	ND
	04/07/60	387.38	37.84	349.54	ND
	07/06/60	387.38	37.84	349.54	ND
	10/05/60	387.38	37.84	349.54	ND
	01/04/61	387.38	37.84	349.54	ND
	04/05/61	387.38	37.84	349.54	ND
	07/04/61	387.38	37.84	349.54	ND
	10/03/61	387.38	37.84	349.54	ND
	01/02/62	387.38	37.84	349.54	ND
	04/03/62	387.38	37.84	349.54	ND
	07/02/62	387.38	37.84	349.54	ND
	10/01/62	387.38	37.84	349.54	ND
	12/31/62	387.38	37.84	349.54	ND
	03/31/63	387.38	37.84	349.54	ND
	06/30/63	387.38	37.84	349.54	ND
	09/29/63	387.38	37.84	349.54	ND
	12/29/63	387.38	37.84	349.54	ND
	03/29/64	387.38	37.84	349.54	ND
	06/28/64	387.38	37.84	349.54	ND
	09/27/64	387.38	37.84	349.54	ND
	12/27/64	387.38	37.84	349.54	ND
	03/27/65	387.38	37.84	349.54	ND
	06/26/65	387.38	37.84	349.54	ND
	09/25/65	387.38	37.84	349.54	ND
	12/25/65	387.38	37.84	349.54	ND
	03/25/66	387.38	37.84	349.54	ND
	06/24/66	387.38	37.84	349.54	ND
	09/23/66	387.38	37.84	349.54	ND
	12/23/66	387.38	37.84	349.54	ND
	03/23/67	387.38	37.84	349.54	ND
	06/22/67	387.38	37.84	349.54	ND
	09/21/67	387.38	37.84	349.54	ND
	12/21/67	387.38	37.84	349.54	ND
	03/21/68	387.38	37.84	349.54	ND
	06/20/68	387.38	37.84	349.54	ND
	09/19/68	387.38	37.84	349.54	ND
	12/19/68	387.38	37.84	349.54	ND
	03/19/69	387.38	37.84	349.54	ND
	06/18/69	387.38	37.84	349.54	ND
	09/17/69	387.38	37.84	349.54	ND
	12/17/69	387.38	37.84	349.54	ND
	03/17/70	387.38	37.84	349.54	ND
	06/16/70	387.38	37.84	349.54	ND
	09/15/70	387.38	37.84	349.54	ND
	12/15/70	387.38	37.84	349.54	ND
	03/15/71	387.38	37.84	349.54	ND
	06/14/71	387.38	37.84	349.54	ND
	09/13/71	387.38	37.84	349.54	ND
	12/13/71	387.38	37.84	349.54	ND
	03/13/72	387.38	37.84	349.54	ND
	06/12/72	387.38	37.84	349.54	ND
	09/11/72	387.38	37.84	349.54	ND
	12/11/72	387.38	37.84	349.54	ND
	03/11/73	387.38	37.84	349.54	ND
	06/10/73	387.38	37.84	349.54	ND
	09/09/73	387.38	37.84	349.54	ND
	12/09/73	387.38	37.84	349.54	ND
	03/10/74	387.38	37.84	349.54	ND
	06/09/74	387.38	37.84	349.54	ND
	09/08/74	387.38	37.84	349.54	ND
	12/08/74	387.38	37.84	349.54	ND
	03/09/75	387.38	37.84	349.54	ND
	06/08/75	387.38	37.84	349.54	ND
	09/07/75	387.38	37.84	349.54	ND
	12/07/75	387.38	37.84	349.54	ND
	03/08/76	387.38	37.84	349.54	ND
	06/07/76	387.38	37.84	349.54	ND
	09/06/76	387.38	37.84	349.54	ND
	12/06/76	387.38	37.84	349.54	ND
	03/07/77	387.38	37.84	349.54	ND
	06/06/77	387.38	37.84	349.54	ND
	09/05/77	387.38	37.84	349.54	ND
	12/05/77	387.38	37.84	349.54	ND
	03/06/78	387.38	37.84	349.54	ND
	06/05/78	387.38	37.84	349.54	ND
	09/04/78	387.38	37.84	349.54	ND
	12/04/78	387.38	37.84	349.54	ND
	03/05/79	387.38	37.84	349.54	ND
	06/04/79	387.38	37.84	349.54	ND
	09/03/79	387.38	37.84	349.54	ND
	12/03/79	387.38	37.84	349.54	ND
	03/04/80	387.38	37.84	349.54	ND
	06/03/80	387.38	37.84	349.54	ND
	09/02/80	387.38	37.84	349.54	ND
	12/02/80	387.38	37.84	349.54	ND
	03/03/81	387.38	37.84	349.54	ND
	06/02/81	387.38	37.84	349.54	ND
	09/01/81	387.38	37.84	349.54	ND
	12/01/81	387.38	37.84	349.54	ND
	03/02/82	387.38	37.84	349.54	ND
	06/01/82	387.38	37.84	349.54	ND
	08/31/82	387.38	37.84	349.54	ND
	11/30/82	387.38	37.84	349.54	ND
	02/28/83	387.38	37.84	349.54	ND
	05/29/83	387.38	37.84	349.54	ND
	08/28/83	387.38	37.84	349.54	ND
	11/27/83	387.38	37.84	349.54	ND
	02/26/84	387.38	37.84	349.54	ND
	05/27/84	387.38	37.84	349.54	ND
	08/26/84	387.38	37.84	349.54	ND
	11/25/84	387.38	37.84	349.54	ND
	02/24/85	387.38	37.84	349.54	ND
	05/25/85	387.38	37.84	349.54	ND
	08/24/85	387.38	37.84	349.54	ND
	11/23/85	387.38	37.84	349.54	ND
	02/22/86	387.38	37.84	349.54	ND
	05/23/86	387.38	37.84	349.54	ND
	08/22/86	387.38	37.84	349.54	ND
	11/21/86	387.38	37.84	349.54	ND
	02/20/87	387.38	37.84	349.54	ND
	05/21/87	387.38	37.84	349.54	ND
	08/20/87	387.38	37.84	349.54	ND
	11/19/87	387.38	37.84	349.54	ND
	02/18/88	387.38	37.84	349.54	ND
	05/19/88	387.38	37.84	349.54	ND
	08/18/88	387.38	37.84	349.54	ND
	11/17/88	387.38	37.84	349.54	ND
	02/16/89	387.38	37.84	349.54	ND
	05/17/89	387.38	37.84	349.54	ND
	08/16/89	387.38	37.84	349.54	ND
	11/15/89	387.38	37.84	349.54	ND
	02/14/90	387.38	37.84	349.54	ND
	05/15/90	387.38	37.84	349.54	ND
	08/14/90	387.38	37.84	349.54	ND
	11/13/90	387.38	37.84	349.54	ND
	02/12/91	387.38	37.84	349.54	ND
	05/13/91	387.38	37.84	349.54	ND
	08/12/91	387.38	37.84	349.54	ND
	11/11/91	387.38	37.84	349.54	ND
	02/10/92	387.38	37.84	349.54	ND
	05/11/92	387.38	37.84	349.54	ND
	08/10/92	387.38	37.84	349.54	ND
	11/09/92	387.38	37.84	349.54	ND
	02/08/93	387.38	37.84	349.54	ND
	05/09/93	387.38	37.84	349.54	ND
	08/08/93	387.38	37.84	349.54	ND
	11/07/93	387.38	37.84	349.54	ND
	02/06/94	387.38	37.84	349.54	ND
	05/07/94	387.38	37.84	349.54	ND
	08/06/94	387.38	37.84	349.54	ND
	11/05/94	387.38	37.84	349.54	ND
	02/04/95	387.38	37.84	349.54	ND
	05/05/95	387.38	37.84	349.54	ND
	08/04/95	387.38	37.84	349.54	ND
	11/03/95	387.38	37.84	349.54	ND
	02/02/96	387.38	37.84	349.54	ND
	05/03/96	387.38	37.84	349.54	ND
	08/02/96	387.38	37.84	349.54	ND
	11/01/96	387.38	37.84	349.54	ND
	01/31/97	387.38	37.84	349.54	ND
	04/30/97	387.38	37.84	349.54	ND
	07/30/97	387.38	37.84	349.54	ND
	10/29/97	387.38	37.84	349.54	ND
	01/28/98	387.38	37.84	349.54	ND
	04/29/98	387.38	37.84	349.54	ND
	07/28/98	387.38	37.84	349.54	ND
	10/27/98	387.38	37.84	349.54	ND
	01/26/99	387.38	37.84	349.54	ND
	04/27/99	387.38	37.84	349.54	ND
	07/26/99	387.38	37.84	349.54	ND
	10/25/99	387.38	37.84	349.54	ND
	01/24/00	387.38	37.84	349.54	ND
	04/24/00	387.38	37.84	349.54	ND
	07/24/00	387.38	37.84	349.54	ND
	10/23/00	387.38	37.84	349.54	ND
	01/22/01	387.38	37.84	349.54	ND
	04/23/01	387.38	37.84	349.54	ND
	07/22/01	387.38	37.84	349.54	ND
	10/21/01	387.38	37.84	349.54	ND
	01/20/02	387.38	37.84	349.54	ND
	04/21/02	387.38	37.84	349.54	ND
	07/20/02	387.38	37.84	349.54	ND
	10/19/02	387.38	37.84	349.54	ND
	01/18/03	387.38	37.84	349.54	ND
	04/19/03	387.38	37.84	349.54	ND
	07/18/03	387.38	37.84	349.54	ND
	10/17/03	387.38	37.84	349.54	ND
	01/16/04	387.38	37.84	349.54	ND
	04/16/04	387.38	37.84	349.54	ND
	07/15/04	387.38	37.84	349.54	ND
	10/14/04	387.38	37.84	349.54	ND
	01/13/05	387.38	37.84	349.54	ND
	04/14/05	387.38	37.84	349.54	ND
	07/13/05	387.38	37.84	349.54	ND
	10/12/05	387.38	37.84	349.54	ND
	01/11/06	387.38	37.84	349.54	ND
	04/12/06	387.38	37.84	349.54	ND
	07/11/06	387.38	37.84	349.54	ND
	10/10/06	387.38	37.84	349.54	ND
	01/09/07	387.38	37.84	349.54	ND
	04/10/07	387.38	37.84	349.54	ND
	07/09/07	387.38	37.84	349.54	ND
	10/08/07	387.38	37.84	349.54	ND
	01/07/08	387.38	37.84	349.54	ND
	04/07/08	387.38	37.84	349.54	ND
	07/06/08	387.38	37.84	349.54	ND
	10/05/08	387.38	37.84	349.54	ND
	01/04/09	387.38	37.84	349.54	ND
	04/05/09	387.38	37.84	349.54	ND
	07/04/09	387.38	37.84	349.54	ND
	10/03/09	387.38	37.84	349.54	ND
	01/02/10	387.38	37.84	349.54	ND
	04/03/10	387.38	37.84	349.54	ND
	07/02/10	387.38	37.84	349.54	ND
	10/01/10	387.38	37.84	349.54	ND
	12/31/10	387.38	37.84	349.54	ND
	03/31/11	387.38	37.84	349.54	ND
	06/30/11	387.38	37.84	349.54	ND
	09/29/11	387.38	37.84	349.54	ND
	12/29/11	387.38	37.84	349.54	ND
	03/29/12	387.38	37.84	349.54	ND
	06/28/12	387.38	37.84	349.54	ND
	09/27/12	387.38	37.84	349.54	ND
	12/27/12	387.38	37.84	349.54	ND
	03/27/13	387.38	37.84	349.54	ND
	06/26/13	387.38	37.84	349.54	ND
	09/25/13	387.38	37.84	349.54	ND
	12/25/13	387.38	37.84	349.54	ND
	03/25/14	387.38	37.84	349.54	ND
	06/24/14	387.38	37.84	349.54	ND
	09/23/14	387.38	37.84	349.54	ND
	12/23/14	387.38	37.84	349.54	ND
	03/23/15	387.38	37.84	349.54	ND
	06/22/15	387.38	37.84	349.54	ND
	09/21/15	387.38	37.84	349.54	ND
	12/21/15	387.38	37.84	349.54	ND
	03/21/16	387.38	37.84	349.54	ND
	06/20/16	387.38	37.84	349.54	ND
	09/19/16	387.38	37.84	349.54	ND
	12/19/16	387.38	37.84	349.54	ND
	03/20/17	387.38	37.84	349.54	ND
	06/19/17	387.38	37.84	349.54	ND
	09/18/17	387.38	37.84	349.54	ND
	12/18/17	387.38	37.84	349.54	ND
	03/19/18	387.38	37.84	349.54	ND
	06/18/18	387.38	37.84	349.54	ND
	09/17/18	387.38	37.84	349.54	ND
	12/17/18	387.38	37.84	349.54	ND
	03/18/19	387.38	37.84	349.54	ND
	06/17/19	387.38	37.84	349.54	ND
	09/16/19	387.38	37.84	349.54	ND
	12/16/19	387.38	37.84	349.54	ND
	03/16/20	387.38	37.84	349.54	ND
	06/15/20	387.38	37.84	349.54	ND
	09/14/20	387.38	37.84	349.54	ND
	12/14/20	387.38	37.84	349.54	ND
	03/15/21	387.38	37.84	349.54	ND
	06/14/21	387.38	37.84	349.54	ND
	09/13/21	387.38	37.84	349.54	ND
	12/13/21	387.38	37.84	349.54	ND
	03/14/22	387.38	37.84	349.54	ND
	06/13/22	387.38	37.84	349.54	ND
	09/12/22	387.38	37.84	349.54	ND
	12/12/22	387.38	37.84	349.54	ND
	03/13/23	387.38	37.84	349.54	ND
	06/12/23	387.38	37.84	349.54	ND
	09/11/23	387.38	37.84	349.54	ND
	12/11/23	387.38	37.84	349.54	ND
	03/11/24	387.38	37.84	349.54	ND
	06/10/24	387.38	37.84	349.54	ND
	09/09/24	387.38	37.84	349.54	ND
	12/09/24	387.38	37.84	349.54	ND
	03/10/25	387.38	37.84	349.54	ND
	06/09/25	387.38	37.84	349.54	ND
	09/08/25	387.38	37.84

TABLE 1

SUMMARY OF GROUNDWATER MONITORING RESULTS

Former American Linen Facility

1535 Frendora Avenue

Los Angeles, California

WELL ID	DATE MONITORED	TOP OF CASING ELEVATION (feet amsl)	DEPTH TO WATER (Feet)	ADJUSTED WATER GROUNDWATER ELEVATION (Feet amsl)	LIQUID PRODUCT THICKNESS (Inches)
MW-2	09/05/03	394.39	39.27	355.12	ND
	11/13/03	394.39	37.22	357.17	ND
	12/30/03	394.39	39.22	355.17	ND
	03/17/04	394.39	36.01	358.38	ND
	06/16/04	394.39	35.65	358.74	ND
	09/15/04	394.39	39.18	355.21	ND
	12/15/04	394.39	39.75	354.64	ND
	03/14/05	394.39	39.28	355.11	ND
	06/14/05	394.39	37.33	357.06	ND
	09/28/05	394.39	37.44	356.95	ND
MW-3	09/05/03	395.59	MW	MW	MW
	09/09/03	395.59	MW	MW	MW
	09/30/03	395.59	34.78	360.81	NC
	11/13/03	395.59	33.71	361.88	ND
	12/30/03	395.59	33.49	362.10	ND
	03/17/04	395.59	33.05	362.54	ND
	06/16/04	395.59	33.04	362.55	ND
	09/15/04	395.59	34.23	361.36	ND
	12/15/04	395.59	34.03	361.56	ND
	03/14/05	395.59	33.23	362.36	ND
	06/14/05	395.59	33.89	361.70	ND
	09/28/05	395.59	34.99	360.60	ND
MW-4	09/05/03	394.21	34.45	359.76	ND
	09/09/03	394.21	34.65	359.56	ND
	09/30/03	394.21	34.37	359.84	ND
	11/13/03	394.21	34.22	359.99	ND
	12/30/03	394.21	34.49	359.72	ND
	03/17/04	394.21	34.05	360.16	ND
	06/16/04	394.21	34.05	360.16	ND
	09/15/04	394.21	34.22	359.99	ND
	12/15/04	394.21	34.49	359.72	ND
	03/14/05	394.21	34.04	360.17	ND
	06/14/05	394.21	33.79	360.42	ND
	09/28/05	394.21	33.98	360.23	ND
MW-5	09/05/03	394.74	34.91	359.83	ND
	09/09/03	394.74	MW	MW	MW
	09/30/03	394.74	MW	MW	MW
	11/13/03	394.74	34.71	360.03	ND
	12/30/03	394.74	MW	MW	MW
	03/17/04	394.74	MW	MW	MW
	06/16/04	394.74	MW	MW	MW
	09/15/04	394.74	MW	MW	MW
	12/15/04	394.74	MW	MW	MW
	03/14/05	394.74	MW	MW	MW
	06/14/05	394.74	MW	MW	MW
	09/28/05	394.74	MW	MW	MW
Abandoned	09/28/05	NA	NA	NA	NA
MW-6	09/05/03	395.01	35.10	359.91	ND
	09/09/03	395.01	MW	MW	MW
	09/30/03	395.01	MW	MW	MW
	11/13/03	MW	MW	MW	MW
	03/15/05	MW	MW	MW	MW
	06/14/05	MW	MW	MW	MW
	09/28/05	395.01	MW	MW	MW
Abandoned	09/28/05	NA	NA	NA	NA

TABLE 1

Summary of Groundwater Monitoring Results

Former American Linen Facility

1535 Frendora Avenue

Los Angeles, California

WELL ID	DATE MONITORED	TOP OF CASING ELEVATION (feet amsl)	DEPTH TO WATER (Feet)	ADJUSTED STATIC GROUNDWATER ELEVATION (feet amsl)	LIQUID PRODUCT THICKNESS (inches)
MW-7	09/05/03	396.27	36.51	359.76	ND
	09/09/03	396.27	MW	MW	MW
	09/30/03	396.27	36.78	359.49	ND
	11/13/03	396.27	37.04	359.23	ND
	12/30/03	396.27	37.14	359.13	ND
	03/17/04	396.27	36.66	359.61	ND
	06/16/04	396.27	36.66	359.61	ND
	09/15/04	396.27	37.08	359.19	ND
	12/15/04	396.27	37.08	359.19	ND
	03/14/05	396.27	36.34	359.93	ND
	06/14/05	396.27	36.42	359.85	ND
	09/28/05	396.27	37.01	359.26	ND
MW-8	09/05/03	395.91	36.08	359.83	ND
	09/09/03	395.91	MW	MW	MW
	09/30/03	395.91	36.14	359.77	ND
	11/13/03	395.91	36.01	359.90	ND
	12/30/03	395.91	36.01	359.90	ND
	03/17/04	395.91	35.66	360.25	ND
	06/16/04	395.91	35.66	360.25	ND
	09/15/04	395.91	36.07	359.84	ND
	12/15/04	395.91	36.07	359.84	ND
	03/14/05	395.91	35.37	360.54	ND
	06/14/05	395.91	35.43	360.48	ND
	09/28/05	395.91	36.02	359.89	ND
MW-9	09/05/03	394.22	34.99	359.23	ND
	09/09/03	394.22	34.99	359.23	ND
	09/30/03	394.22	34.78	359.44	ND
	11/13/03	394.22	34.63	359.59	ND
	12/30/03	394.22	34.81	359.41	ND
	03/17/04	394.22	34.39	359.83	ND
	06/16/04	394.22	34.39	359.83	ND
	09/15/04	394.22	34.78	359.44	ND
	12/15/04	394.22	34.23	359.99	ND
	03/14/05	394.22	34.43	359.79	ND
	06/14/05	394.22	34.70	359.52	ND
	09/28/05	394.22	34.90	359.32	ND
Abandoned	09/28/05	NA	NA	NA	NA
MW-10	09/05/03	372.96	41.14	331.82	ND
	09/09/03	372.96	41.23	331.73	ND
	09/30/03	372.96	41.39	331.57	ND
	11/13/03	372.96	41.39	331.57	ND
	12/30/03	372.96	41.39	331.57	ND
	03/17/04	372.96	40.61	332.35	ND
	06/16/04	372.96	41.06	331.90	ND
	09/15/04	372.96	41.29	331.67	ND
	12/15/04	372.96	41.19	331.77	ND
	03/14/05	372.96	41.08	331.88	ND
	06/14/05	372.96	41.04	331.92	ND
	09/28/05	372.96	41.12	331.84	ND
MW-11	09/05/03	372.43	40.41	331.98	ND
	09/09/03	372.43	40.41	331.98	ND
	09/30/03	372.43	40.61	331.78	ND
	11/13/03	372.43	40.61	331.78	ND
	12/30/03	372.43	40.61	331.78	ND
	03/17/04	372.43	40.21	332.18	ND
	06/16/04	372.43	40.21	332.18	ND
	09/15/04	372.43	40.61	331.78	ND
	12/15/04	372.43	40.61	331.78	ND
	03/14/05	372.43	40.21	332.18	ND
	06/14/05	372.43	40.21	332.18	ND
	09/28/05	372.43	40.61	331.78	ND

TABLE 2

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

Former American Linen Facility

4699 Firestone Avenue

Los Angeles, California

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (Feet msl)	DEPTH TO WATER (Feet)	ADJUSTED STATIC GROUNDWATER ELEVATION (Feet msl)	LIGHT PHASE PRODUCT THICKNESS (Inches)
MW-1	05/05/92	362.96	34.04	328.92	ND
	08/03/92	362.96	35.04	327.92	ND
	07/15/93	362.11	33.61	328.50	ND
	1/19/99	362.11	33.80	328.31	ND
	2/4/2000	362.11	34.19	327.92	ND
	4/5/2001	362.11	34.31	327.80	ND
	08/15/02	362.11	34.46	327.65	ND
	12/20/02	362.11	34.58	327.53	ND
	03/28/03	362.11	34.63	327.48	ND
	06/27/03	362.11	34.68	327.43	ND
	09/19/03	362.11	34.69	327.42	ND
	12/17/03	362.11	34.71	327.40	ND
	03/23/04	362.11	34.68	327.43	ND
	06/15/04	362.11	34.69	327.42	ND
	09/15/04	362.11	34.70	327.41	ND
	12/15/04	362.11	34.71	327.40	ND
	03/15/05	362.11	34.72	327.39	ND
	06/15/05	362.11	34.73	327.38	ND
	09/15/05	362.11	34.74	327.37	ND
	12/15/05	362.11	34.75	327.36	ND
MW-2	05/05/92	365.86	37.51	328.35	ND
	08/03/92	365.86	38.53	327.33	ND
	07/15/93	362.51	34.90	327.61	ND
	1/19/99	362.51	35.10	327.41	ND
	2/4/2000	362.51	35.21	327.30	ND
	4/5/2001	362.51	35.31	327.20	ND
	08/15/02	362.51	35.46	327.05	ND
	12/20/02	362.51	35.58	326.93	ND
	03/28/03	362.51	35.63	326.88	ND
	06/27/03	362.51	35.68	326.83	ND
	09/19/03	362.51	35.69	326.82	ND
	12/17/03	362.51	35.71	326.80	ND
	03/23/04	362.51	35.68	326.83	ND
	06/15/04	362.51	35.69	326.82	ND
	09/15/04	362.51	35.70	326.81	ND
	12/15/04	362.51	35.71	326.80	ND
	03/15/05	362.51	35.72	326.79	ND
	06/15/05	362.51	35.73	326.78	ND
	09/15/05	362.51	35.74	326.77	ND
	12/15/05	362.51	35.75	326.76	ND

TABLE 2

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

Former American Linen Facility

4699 Firestone Avenue

Los Angeles, California

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (Feet msl)	DEPTH TO WATER (Feet)	ADJUSTED STATIC GROUNDWATER ELEVATION (Feet msl)	LIGHT PHASE PRODUCT THICKNESS (Inches)
MW-3	05/05/92	364.55	36.13	328.42	ND
	08/03/92	364.55	37.13	327.42	ND
	07/15/93	364.29	37.07	327.22	ND
	1/19/99	364.29	36.96	327.33	ND
	2/4/2000	364.29	37.14	327.15	ND
	4/5/2001	364.29	37.65	326.64	ND
	08/15/02	364.29	37.80	326.49	ND
	12/20/02	364.29	37.92	326.37	ND
	03/28/03	364.29	37.97	326.32	ND
	06/27/03	364.29	38.00	326.29	ND
	09/19/03	364.29	38.01	326.28	ND
	12/17/03	364.29	38.03	326.26	ND
	03/23/04	364.29	38.00	326.29	ND
	06/15/04	364.29	38.01	326.28	ND
	09/15/04	364.29	38.02	326.27	ND
	12/15/04	364.29	38.03	326.26	ND
	03/15/05	364.29	38.04	326.25	ND
	06/15/05	364.29	38.05	326.24	ND
	09/15/05	364.29	38.06	326.23	ND
	12/15/05	364.29	38.07	326.22	ND

TABLE 1

SUMMARY OF GROUNDWATER MONITORING RESULTS

Former American Linen Supply

5855 Pasadena Avenue

Los Angeles, California

WELL ID	DATE MEASURED	TOP OF CASING ELEVATION (Feet msl)	DEPTH TO WATER (Feet)	ADJUSTED STATIC GROUNDWATER ELEVATION (Feet msl)	LIQUID PRODUCT THICKNESS (Inches)
MW-1	10/23/95	380.76	34.27	346.49	ND
	12/18/95	380.76	41.96	338.80	ND
	03/22/96	380.76	39.66	341.10	ND
	06/27/96	380.76	38.74	342.02	ND
	09/27/96	380.76	39.47	341.29	ND
	12/16/96	380.76	39.40	341.36	ND
	03/27/97	380.76	34.76	345.99	ND
	06/25/97	380.76	34.25	346.51	ND
	09/18/97	380.76	34.94	345.82	ND
	12/17/97	380.76	34.84	345.92	ND
	03/31/98	380.76	33.79	346.97	ND
	06/16/98	380.76	33.61	347.15	ND
	09/15/98	380.76	33.68	347.08	ND
	12/15/98	380.76	33.68	347.08	ND
	03/15/99	380.76	33.68	347.08	ND
	06/15/99	380.76	33.68	347.08	ND
	09/15/99	380.76	33.68	347.08	ND
	12/15/99	380.76	33.68	347.08	ND
	03/15/00	380.76	33.68	347.08	ND
	06/15/00	380.76	33.68	347.08	ND
	09/15/00	380.76	33.68	347.08	ND
	12/15/00	380.76	33.68	347.08	ND
	03/15/01	380.76	33.68	347.08	ND
	06/15/01	380.76	33.68	347.08	ND
	09/15/01	380.76	33.68	347.08	ND
	12/15/01	380.76	33.68	347.08	ND
	03/15/02	380.76	33.68	347.08	ND
	06/15/02	380.76	33.68	347.08	ND
	09/15/02	380.76	33.68	347.08	ND
	12/15/02	380.76	33.68	347.08	ND
	03/15/03	380.76	33.68	347.08	ND
	06/15/03	380.76	33.68	347.08	ND
	09/15/03	380.76	33.68	347.08	ND
	12/15/03	380.76	33.68	347.08	ND
	03/15/04	380.76	33.68	347.08	ND
	06/15/04	380.76	33.68	347.08	ND
	09/15/04	380.76	33.68	347.08	ND
	12/15/04	380.76	33.68	347.08	ND
	03/15/05	380.76	33.68	347.08	ND
	06/15/05	380.76	33.68	347.08	ND
	09/15/05	380.76	33.68	347.08	ND
	12/15/05	380.76	33.68	347.08	ND
	03/15/06	380.76	33.68	347.08	ND
	06/15/06	380.76	33.68	347.08	ND
	09/15/06	380.76	33.68	347.08	ND
	12/15/06	380.76	33.68	347.08	ND
	03/15/07	380.76	33.68	347.08	ND
	06/15/07	380.76	33.68	347.08	ND
	09/15/07	380.76	33.68	347.08	ND
	12/15/07	380.76	33.68	347.08	ND
	03/15/08	380.76	33.68	347.08	ND
	06/15/08	380.76	33.68	347.08	ND
	09/15/08	380.76	33.68	347.08	ND
	12/15/08	380.76	33.68	347.08	ND
	03/15/09	380.76	33.68	347.08	ND
	06/15/09	380.76	33.68	347.08	ND
	09/15/09	380.76	33.68	347.08	ND
	12/15/09	380.76	33.68	347.08	ND
	03/15/10	380.76	33.68	347.08	ND
	06/15/10	380.76	33.68	347.08	ND
	09/15/10	380.76	33.68	347.08	ND
	12/15/10	380.76	33.68	347.08	ND
	03/15/11	380.76	33.68	347.08	ND
	06/15/11	380.76	33.68	347.08	ND
	09/15/11	380.76	33.68	347.08	ND
	12/15/11	380.76	33.68	347.08	ND
	03/15/12	380.76	33.68	347.08	ND
	06/15/12	380.76	33.68	347.08	ND
	09/15/12	380.76	33.68	347.08	ND
	12/15/12	380.76	33.68	347.08	ND
	03/15/13	380.76	33.68	347.08	ND
	06/15/13	380.76	33.68	347.08	ND
	09/15/13	380.76	33.68	347.08	ND
	12/15/13	380.76	33.68	347.08	ND
	03/15/14	380.76	33.68	347.08	ND
	06/15/14	380.76	33.68	347.08	ND
	09/15/14	380.76	33.68	347.08	ND
	12/15/14	380.76	33.68	347.08	ND
	03/15/15	380.76	33.68	347.08	ND
	06/15/15	380.76	33.68	347.08	ND
	09/15/15	380.76	33.68	347.08	ND
	12/15/15	380.76	33.68	347.08	ND
	03/15/16	380.76	33.68	347.08	ND
	06/15/16	380.76	33.68	347.08	ND
	09/15/16	380.76	33.68	347.08	ND
	12/15/16	380.76	33.68	347.08	ND
	03/15/17	380.76	33.68	347.08	ND
	06/15/17	380.76	33.68	347.08	ND
	09/15/17	380.76	33.68	347.08	ND
	12/15/17	380.76	33.68	347.08	ND
	03/15/18	380.76	33.68	347.08	ND
	06/15/18	380.76	33.68	347.08	ND
	09/15/18	380.76	33.68	347.08	ND
	12/15/18	380.76	33.68	347.08	ND
	03/15/19	380.76	33.68	347.08	ND
	06/15/19	380.76	33.68	347.08	ND
	09/15/19	380.76	33.68	347.08	ND
	12/15/19	380.76	33.68	347.08	ND
	03/15/20	380.76	33.68	347.08	ND
	06/15/20	380.76	33.68	347.08	ND
	09/15/20	380.76	33.68	347.08	ND
	12/15/20	380.76	33.68	347.08	ND
	03/15/21	380.76	33.68	347.08	ND
	06/15/21	380.76	33.68	347.08	ND
	09/15/21	380.76	33.68	347.08	ND
	12/15/21	380.76	33.68	347.08	ND
	03/15/22	380.76	33.68	347.08	ND
	06/15/22	380.76	33.68	347.08	ND
	09/15/22	380.76	33.68	347.08	ND
	12/15/22	380.76	33.68	347.08	ND
	03/15/23	380.76	33.68	347.08	ND
	06/15/23	380.76	33.68	347.08	ND
	09/15/23	380.76	33.68	347.08	ND
	12/15/23	380.76	33.68	347.08	ND
	03/15/24	380.76	33.68	347.08	ND
	06/15/24	380.76	33.68	347.08	ND
	09/15/24	380.76	33.68	347.08	ND
	12/15/24	380.76	33.68	347.08	ND
	03/15/25	380.76	33.68	347.08	ND
	06/15/25	380.76	33.68	347.08	ND
	09/15/25	380.76	33.68	347.08	ND
	12/15/25	380.76	33.68	347.08	ND
	03/15/26	380.76	33.68	347.08	ND
	06/15/26	380.76	33.68	347.08	ND
	09/15/26	380.76	33.68	347.08	ND
	12/15/26	380.76	33.68	347.08	ND
	03/15/27	380.76	33.68	347.08	ND
	06/15/27	380.76	33.68	347.08	ND
	09/15/27	380.76	33.68	347.08	ND
	12/15/27	380.76	33.68	347.08	ND
	03/15/28	380.76	33.68	347.08	ND
	06/15/28	380.76	33.68	347.08	ND
	09/15/28	380.76	33.68	347.08	ND
	12/15/28	380.76	33.68	347.08	ND
	03/15/29	380.76	33.68	347.08	ND
	06/15/29	380.76	33.68	347.08	ND
	09/15/29	380.76	33.68	347.08	ND
	12/15/29	380.76	33.68	347.08	ND
	03/15/30	380.76	33.68	347.08	ND
	06/15/30	380.76	33.68	347.08	ND
	09/15/30	380.76	33.68	347.08	ND
	12/15/30	380.76	33.68	347.08	ND
	03/15/31	380.76	33.68	347.08	ND
	06/15/31	380.76	33.68	347.08	ND
	09/15/31	380.76	33.68	347.08	ND
	12/15/31	380.76	33.68	347.08	ND
	03/15/32	380.76	33.68	347.08	ND
	06/15/32	380.76	33.68	347.08	ND
	09/15/32	380.76	33.68	347.08	ND
	12/15/32	380.76	33.68	347.08	ND
	03/15/33	380.76	33.68	347.08	ND
	06/15/33	380.76	33.68	347.08	ND
	09/15/33	380.76	33.68	347.08	ND
	12/15/33	380.76	33.68	347.08	ND
	03/15/34	380.76	33.68	347.08	ND
	06/15/34	380.76	33.68	347.08	ND
	09/15/34	380.76	33.68	347.08	ND
	12/15/34	380.76	33.68	347.08	ND
	03/15/35	380.76	33.68	347.08	ND
	06/15/35	380.76	33.68	347.08	ND
	09/15/35	380.76	33.68	347.08	ND
	12/15/35	380.76	33.68	347.08	ND
	03/15/36	380.76	33.68	347.08	ND
	06/15/36	380.76	33.68	347.08	ND
	09/15/36	380.76	33.68	347.08	ND
	12/15/36	380.76	33.68	347.08	ND
	03/15/37	380.76	33.68	347.08	ND
	06/15/37	380.76	33.68	347.08	ND
	09/15/37	380.76	33.68	347.08	ND
	12/15/37	380.76	33.68	347.08	ND
	03/15/38	380.76	33.68	347.08	ND
	06/15/38	380.76	33.68	347.08	ND
	09/15/38	380.76	33.68	347.08	ND
	12/15/38	380.76	33.68	347.08	ND
	03/15/39	380.76	33.68	347.08	ND
	06/15/39	380.76	33.68	347.08	ND
	09/15/39	380.76	33.68	347.08	ND
	12/15/39	380.76	33.68	347.08	ND
	03/15/40	380.76	33.68	347.08	ND
	06/15/40	380.76	33.68	347.08	ND
	09/15/40	380.76	33.68	347.08	ND
	12/15/40	380.76	33.68	347.08	ND
	03/15/41	380.76	33.68	347.08	ND
	06/15/41	380.76	33.68	347.08	ND
	09/15/41	380.76	33.68	347.08	ND
	12/15/41	380.76	33.68	347.08	ND
	03/15/42	380.76	33.68	347.08	ND
	06/15/42	380.76	33.68	347.08	ND
	09/15/42	380.76	33.68	347.08	ND
	12/15/42	380.76	33.68	347.08	ND
	03/15/43	380.76	33.68	347.08	ND
	06/15/43	380.76	33.68	347.08	ND
	09/15/43	380.76	33.68	347.08	ND
	12/15/43	380.76	33.68	347.08	ND
	03/15/44	380.76	33.68	347.08	ND
	06/15/44	380.76	33.68	347.08	ND
	09/15/44	380.76	33.68	347.08	ND
	12/15/44	380.76	33.68	347.08	ND
	03/15/45	380.76	33.68	347.08	ND
	06/15/45	380.76	33.68	347.08	ND
	09/15/45	380.76	33.68	347.08	ND
	12/15/45	380.76	33.68	347.08	ND
	03/15/46	380.76	33.68	347.08	ND
	06/15/46	380.76	33.68	347.08	ND
	09/15/46	380.76	33.68	347.08	ND
	12/15/46	380.76	33.68	347.08	ND
	03/15/47	380.76	33.68	347.08	ND
	06/15/47	380.76	33.68	347.08	ND
	09/15/47	380.76	33.68	347.08	ND
	12/15/47	380.76	33.68	347.08	ND
	03/15/48	380.76	33.68	347.08	ND
	06/15/48	380.76	33.68	347.08	ND
	09/15/48	380.76	33.68	347.08	ND
	12/15/48	380.76	33.68	347.08	ND
	03/15/49	380.76	33.68	347.08	ND
	06/15/49	380.76	33.68	347.08	ND
	09/15/49	380.76	33.68	347.08	ND
	12/15/49	380.76	33.68	347.08	ND
	03/15/50	380.76	33.68	347.08	ND
	06/15/50	380.76	33.68	347.08	ND
	09/15/50	380.76	33.68	347.08	ND
	12/15/50	380.76	33.68	347.08	ND
	03/15/51	380.76	33.68	347.08	ND
	06/15/51	380.76	33.68	347.08	ND
	09/15/51	380.76	33.68	347.08	ND
	12/15/51	380.76	33.68	347.08	ND
	03/15/52	380.76	33.68	347.08	ND
	06/15/52	380.76	33.68	347.08	ND
	09/15/52	380.76	33.68	347.08	ND
	12/15/52	380.76	33.68	347.08	ND
	03/15/53	380.76	33.68	347.08	ND
	06/15/53	380.76	33.68	347.08	ND
	09/15/53	380.76	33.68	347.08	ND
	12/15/53	380.76	33.68	347.08	ND
	03/15/54	380.76	33.68	347.08	ND
	06/15/54	380.76	33.68	347.08	ND
	09/15/54	380.76	33.68	347.08	ND
	12/15/54	380.76	33.68	347.08	ND
	03/15/55	380.76	33.68	347.08	ND
	06/15/55	380.76	33.68	347.08	ND
	09/15/55	380.76	33.68	347.08	ND
	12/15/55	380.76	33.68	347.08	ND
	03/15/56	380.76	33.68	347.08	ND
	06/15/56	380.76	33.68	347.08	ND
	09/15/56	380.76	33.68	347.08	ND
	12/15/56	380.76	33.68	347.08	ND
	03/15/57	380.76	33.68	347.08	ND
	06/15/57	380.76	33.68	347.08	ND
	09/15/57	380.76	33.68	347.08	ND
	12/15/57	380.76	33.68	347.08	ND
	03/15/58	380.76	33.68	347.08	ND
	06/15/58	380.76	33.68	347.08	ND
	09/15/58	380.76	33.68	347.08	ND
	12/15/58	380.76	33.68	347.08	ND
	03/15/59	380.76	33.68	347.08	ND
	06/15/59	380.76	33.68	347.08	ND
	09/15/59	380.76	33.68	347.08	ND
	12/15/59	380.76	33.68	347.08	ND
	03/15/60	380.76	33.68	347.08	ND
	06/15/60	380.76	33.68	347.08	ND
	09/15/60	380.76	33.68	347.08	ND
	12/15/60	380.76	33.68	347.08	ND
	03/15/61	380.76	33.68	347.08	ND
	06/15/61	380.76	33.68	347.08	ND
	09/15/61	380.76	33.68	347.08	ND
	12/15/61	380.76	33.68	347.08	ND
	03/15/62	380.76	33.68	347.08	ND
	06/15/62	380.76	33.68	347.08	ND
	09/15/62	380.76	33.68	347.08	ND
	12/15/62	380.76	33.68	347.08	ND
	03/15/63	380.76	33.68	347.08	ND
	06/15/63	380.76	33.68	347.08	ND
	09/15/63	380.76	33.68	347.08	ND
	12/15/63	380.76	33.68	347.08	ND
	03/15/64	380.76	33.68	347.08	ND
	06/15/64	380.76	33.68	347.08	ND
	09/15/64	380.76	33.68	347.08	ND
	12/15/64	380.76	33.68	347.08	ND
	03/15/65	380.76	33.68	347.08	ND
	06/15/65	380.76	33.68	347.08	ND
	09/15/65	380.76	33.68	347.08	ND
	12/15/65	380.76	33.68	347.08	ND
	03/15/66	380.76	33.68	347.08	ND
	06/15/66	380.76	33.68	347.08	ND
	09/15/66	380.76	33.68	347.08	ND
	12/15/66	380.76	33.68	347.08	ND
	03/15/67	380.76	33.68	347.08	ND
	06/15/67	380.76	33.68	347.08	ND
	09/15/67	380.76	33.68	347.08	ND
	12/15/67	380.76	33.68	347.08	ND
	03/15/68	380.76	33.68	347.08	ND
	06/15/68	380.76	33.68	347.08	ND
	09/15/68	380.76	33.68	347.08	ND
	12/15/68	380.76	33.68	347.08	ND
	03/15/69	380.76	33.68	347.08	ND
	06/15/69	380.76	33.68	347.08	ND
	09/15/69	380.76	33.68	347.08	ND
	12/15/69	380.76	33.68	347.08	ND
	03/15/70	380.76	33.68	347.08	ND
	06/15/70	380.76	33.68	347.08	ND
	09/15/70	380.76	33.68	347.08	ND
	12/15/70	380.76	33.68	347.08	ND
	03/15/71	380.76	33.68	347.08	ND
	06/15/71	380.76	33.68	347.08	ND
	09/15/71	380.76	33.68	347.08	ND
	12/15/71	380.76	33.68	347.08	ND
	03/15/72	380.76	33.68	347.08	ND
	06/15/72	380.76	33.68	347.08	ND
	09/15/72	380.76	33.68	347.08	ND
	12/15/72	380.76	33.68	347.08	ND
	03/15/73	380.76	33.68	347.08	ND
	06/15/73	380.76	33.68	347.08	ND
	09/15/73	380.76	33.68	347.08	ND
	12/15/73	380.76	33.68	347.08	ND
	03/15/74	380.76	33.68	347.08	ND
	06/15/74	380.76	33.68	347.08	ND
	09/15/74	380.76	33.68	347.08	ND
	12/15/74	380.76	33.68	347.08	ND
	03/15/75	380.76	33.68	347.08	ND
	06/15/75	380.76	33.68	347.08	ND
	09/15/75	380.76	33.68	347.08	ND
	12/15/75	380.76	33.68	347.08	ND
	03/15/76	380.76	33.68	347.08	ND
	06/15/76	380.76	33.68	347.08	ND
	09/15/76	380.76	33.68	347.08	ND
	12/15/76	380.76	33.68	347.08	ND
	03/15/77	380.76	33.68	347.08	ND
	06/15/77	380.76	33.68	347.08	ND
	09/15/77	380.76	33.68	347.08	ND
	12/15/77	380.76	33.68	347.08	ND
	03/15/78	380.76	33.68	347.08	ND
	06/15/78	380.76	33.68	347.08	ND
	09/15/78	380.76	33.68	347.08	ND
	12/15/78	380.76	33.68	347.08	ND
	03/15/79	380.76	33.68	347.08	ND
	06/15/79	380.76	33.68	347.08	ND
	09/15/79	380.76	33.68	347.08	ND
	12/15/79	380.76	33.68	347.08	ND
	03/15/80	380.76	33.68	347.08	ND
	06/15/80	380.76	33.68	347.08	ND
	09/15/80	380.76	33.68	347.08	ND
	12/15/80	380.76	33.68	347.08	ND
	03/15/81	380.76	33.68	347.08	ND
	06/15/81	380.76	33.68	347.08	ND
	09/15/81	380.76	33.68	347.08	ND
	12/15/81	380.76	33.68	347.08	ND
	03/15/82	380.76	33.68	347.08	ND
	06/15/82	380.76	33.68	347.08	ND
	09/15/82	380.76	33.68	347.08	ND
	12/15/82	380.76	33.68	347.08	ND
	03/15/83	380.76	33.68	347.08	ND
	06/15/83	380.76	33.68	347.08	ND
	09/15/83	380.76	33.68	347.08	ND
	12/15/83	380.76	33.68	347.08	ND
	03/15/84	380.76	33.68	347.08	ND
	06/15/84	380.76	33.68	347.08	ND
	09/15/84	380.76	33.68	347.08	ND
	12/15/84	380.76	33.68	347.08	ND
	03/15/85	380.76	33.68	347.08	ND
	06/15/85	380.76	33.68	347.08	ND
	09/15/85	380.76	33.68	347.08	ND
	12/15/85	380.76	33.68	347.08	ND
	03/15/86	380.76	33.68	347.08	ND
	06/15/86	380.76	33.68	347.08	ND
	09/15/86	380.76	33.68	347.08	ND
	12/15/86	380.76	33.68	347.08	ND
	03/15/87	380.76	33.68	347.08	ND
	06/15/87	380.76	33.68	347.08	ND
	09/15/87	380.76	33.68	347.08	ND
	12/15/87	380.76	33.68	347.08	ND
	03/15/88	380.76	33.68	347.08	ND
	06/15/88	380.76	33.68	347.08	ND
	09/15/88	380.76	33.68	347.08	ND
	12/15/88	380.76	33.68	347.08	ND
	03/15/89	380.76	33.68	347.08	ND
	06/15/89	380.76	33.68	347.08	ND
	09/15/89	380.76	33.68	347.08	ND
	12/15/89	380.76	33.68	347.08	ND
	03/15/90	380.76	33.68	347.08	ND
	06/15/90	380.76	33.68	347.08	ND
	09/15/90	380.76	33.68	347.08	ND
	12/15/90	380.76	33.68	347.08	ND
	03/15/91	380.76	33.68	347.08	ND
	06/15/91	380.76	33.68	347.08	ND
	09/15/91	380.76	33.68	347.08	ND
	12/15/91	380.76	33.68	347.08	ND
	03/15/92	380.76	33.68	347.08	ND
	06/15/92	380.76	33.68	347.08	ND
	09/15/92	380.76	33.68	347.08	ND
	12/15/92	380.76	33.68	347.08	ND
	03/15/93	380.76	33.68	347.08	ND
	06/15/93	380.76	33.68	347.08	ND
	09/15/93	380.76	33.68	347.08	ND
	12/15/93	380.76	33.68	347.08	ND
	03/15/94	380.76	33.68	347.08	ND
	06/15/94	380.76	33.68	347.08	ND
	09/15/94	380.76	33.68	347.08	ND
	12/15/94	380.76	33.68	347.08	ND
	03/15/95	380.76	33.68	347.08	ND
	06/15/95	380.76	33.68	347.08	ND
	09/15/95	380.76	33.68	347.08	ND
	12/15/95	380.76	33.68	347.08	ND
	03/15/96	380.76	33.68	347.08	ND
	06/15/96	380.76	33.68	347.08	ND
	09/15/96	380.76	33.68	347.08	ND
	12/15/96	380.76	33.68	347.08	ND
	03/15/97	380.76	33.68	347.08	ND
	06/15/97	380.76	33.68	347.08	ND
	09/15/97	380.76	33.68	347.08	ND
	12/15/97	380.76	33.68	347.08	ND
	03/15/98	380.76	33.68	347.08	ND
	06/15/98	380.76	33.68	347.08	ND
	09/15/98	380.76	33.68	347.08	ND
	12/15/98	380.76	33.68	347.08	ND
	03/15/99	380.76	33.68	347.08	ND
	06/15/99	380.76	33.68	347.08	ND
	09/15/99	380.76	33.68	347.08	ND
	12/15/99	380.76	33.68	347.08	ND
	03/15/00	380.76	33.68	347.08	ND
	06/15/00	380.76	33.68	347.08	ND
	09/15/00	380.76	33.68	347.08	ND
	12/15/00	380.76	33.68	347.08	ND
	03/15/01	380.76	33.68	347.08	ND
	06/15/01	380.76	33.68	347.08	ND
	09/15/01	380.76	33.68	347.08	ND
	12/15/01	380.76	33.68	347.08	ND
	03/15/02	380.76	33.68	347.08	ND
	06/15/02	380.76	33.68	347.08	ND
	09/15/02	380.76	33.68	347.08	ND
	12/15/02	380.76	33.68	347.08	ND
	03/15/03	380.76	33.68	347.08	ND
	06/15/03	380.76	33.68	347.08	ND
	09/15/03	380.76	33.68	347.08	ND
	12/15/03	380.76	33.68	347.08	ND
	03/15/04	380.76	33.68	347.08	ND
	06/15/04	380.76	33.68	347.08	ND
	09/15/04	380.76	33.68	347.08	ND
	12/15/04	380.76	33.68	347.08	ND
	03/15/05	380.76	33.68	347.08	ND
	06/15/05	380.76	33.68	347.08	ND
	09/15/05	380.76	33.68	347.08	ND
	12/15/05	380.76	33.68	347.08	ND
	03/15/06	380.76	33.68	347.08	ND
	06/15/06	380.76	33.68	347.08	ND
	09/15/06	380.76	33.68	347.08	ND
	12/15/06	380.76	33.68	347.08	ND
	03/15/07	380.76	33.68	347.08	ND
	06/15/07	380.76	33.68	347.08	ND
	09/15/07	380.76	33.68	347.08	ND
	12/15/07	380.76	33.68	347.08	ND
	03/15/08	380.76	33.68	347.08	ND
	06/15/08	380.76	33.68	347.08	ND
	09/15/08	380.76	33.68	347.08	ND
	12/15/08	380.76	33.68	347.08	ND
	03/15/09	380.76	33.68	347.08	ND
	06/15/09	380.76	33.68	347.08	ND
	09/15/09	380.76	33.68	347.08	ND
	12/15/09	380.76	33.68	347.08	ND
	03/15/10	380.76	33.68	347.08	ND
	06/15/10	380.76	33.68	347.08	ND
	09/15/10	380.76	33.68	347.08	ND
	12/15/10	380.76	33.68	347.08	ND
	03/15/11	380.76	33.68	347.08	ND
	06/15/11	380.76	33.68	347.08	ND
	09/15/11	380.76	33.68	347.08	ND
	12/15/11	380.76	33.68	347.08	ND
	03/15/12	380.76	33.68	347.08	ND
	06/15/12	380.76	33.68	347.08	ND
	09/15/12	380.76	33.68	347.08	ND
	12/15/12	380.76	33.68	347.08	ND
	03/15/13	380.76	33.68	347.08	ND
	06/15/13	380.76	33.68	347.08	ND
	09/15/13	380.76	33.68	347.08	ND
	12/15/13	380.76	33.68	347.08	ND
	03/15/14	380.76	33.68	347.08	ND
	06/15/14	380.76	33.68	347.08	ND
	09/15/14	380.76	33.68	347.08	ND
	12/15/14	380.76	33.68	347.08	ND
	03/15/15	380.76	33.68	347.08	ND
	06/15/15	380.76	33.68	347.08	ND
	09/15/15	380.76	33.68	347.08	ND
	12/15/15	380.76	33.68	347.08	ND
	03/15/16	380.76	33.68	347.08	ND
	06/15/16	380.76	33.68	347.08	ND
	09/15/16	380.76	33.68	347.08	ND
	12/15/16	380.76	33.68	347.08	ND
	03/15/17	380.76	33.68	347.08	ND
	06/15/17	380.76	33.68	347.08	ND
	09/15/17	380.76	33.68	347.08	ND
	12/15/17	380.76	33.68	347.08	ND
	03/15/18	380.76	33.68	347.08	ND
	06/15/18	380.76	33.68	347.08	ND
	09/15/18	380.76	33.68	347.08	ND
	12/15/18	380.76

TABLE 1

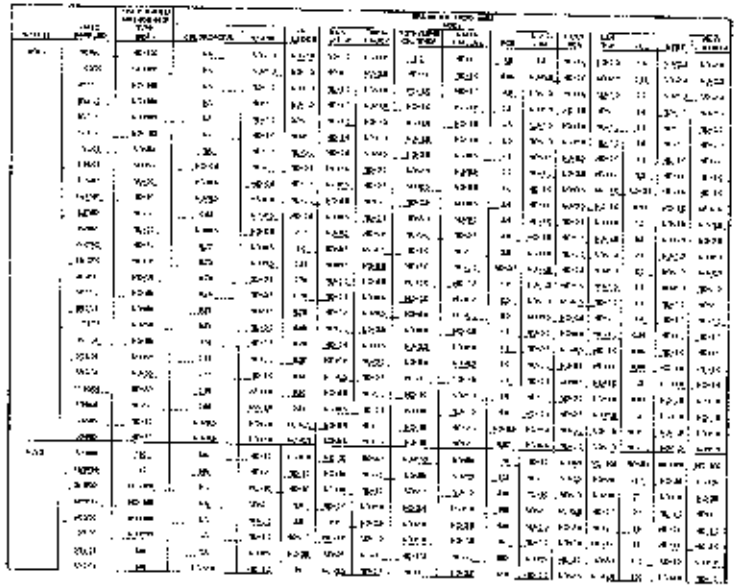
SUMMARY OF GROUNDWATER MONITORING RESULTS

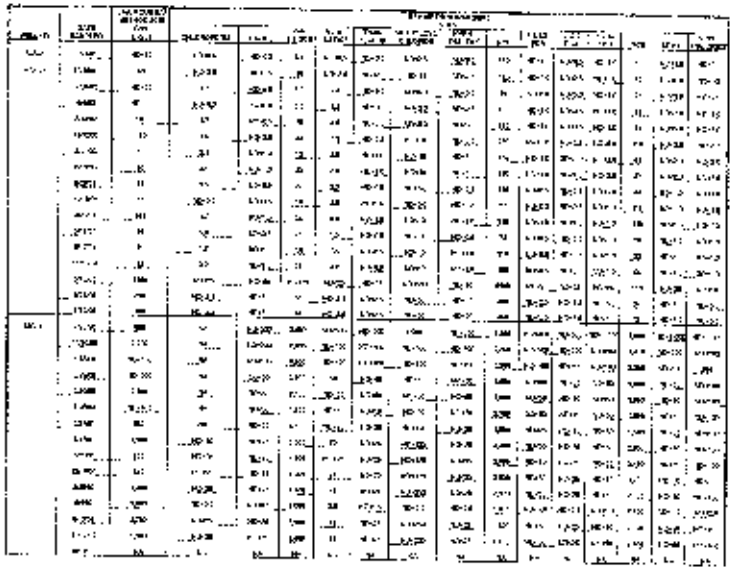
Former American Linen Facility

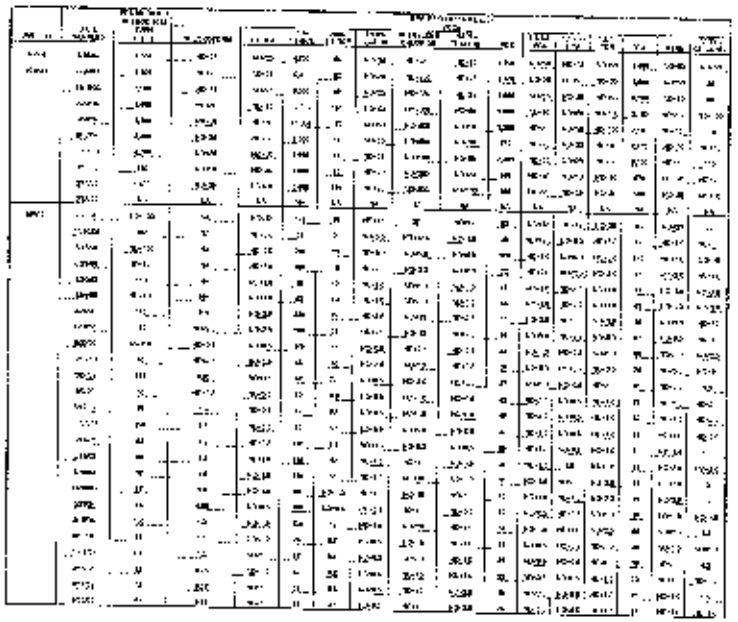
1500 Pasadena Avenue

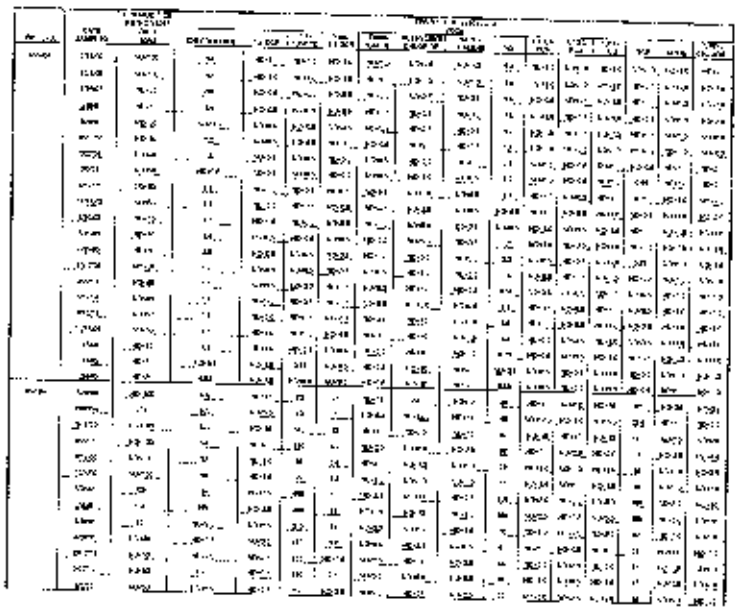
Los Angeles, California

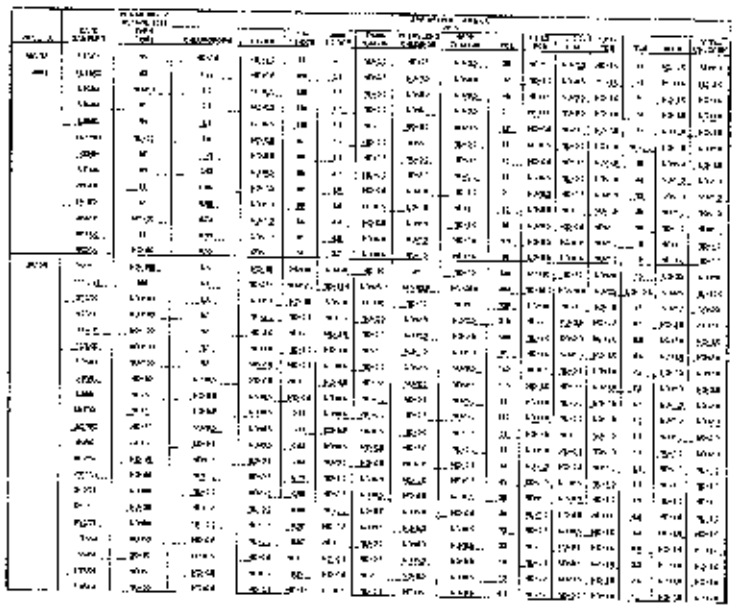
WELL ID	DATE MONITORED	TOP OF CASING ELEVATION (Feet msl)	DEPTH TO WATER (Feet)	ADJUSTED STATIC GROUNDWATER ELEVATION (Feet msl)	LIQUID PRODUCT THICKNESS (Inches)
MW-1	12/30/00	394.77	34.21	360.56	ND
(Deep)	1/30/01	394.77	33.86	360.91	ND
	2/27/01	394.77	33.66	361.11	ND
	3/27/01	394.77	32.94	361.83	ND
	4/25/01	394.77	34.43	360.34	ND
	5/30/01	394.77	34.58	360.19	ND
	7/25/01	394.77	34.82	359.95	ND
	8/30/01	394.77	34.90	359.87	ND
	9/27/01	394.77	34.64	360.13	ND
	10/31/01	394.77	34.52	360.25	ND
	11/27/01	394.77	34.78	359.99	ND
	12/31/01	394.77	34.32	360.45	ND
	1/31/02	394.77	34.78	359.99	ND
	2/27/02	394.77	34.36	360.41	ND
	3/27/02	394.77	34.35	360.42	ND
	4/30/02	394.77	33.96	360.81	ND
	5/31/02	394.77	34.45	360.32	ND
	6/27/02	394.77	34.54	360.23	ND
	7/31/02	394.77	34.68	360.09	ND
	8/30/02	394.77	34.54	360.23	ND
	9/30/02	394.77	34.77	360.00	ND
	10/31/02	394.77	34.68	360.09	ND
	11/27/02	394.77	34.36	360.41	ND
	12/31/02	394.77	34.36	360.41	ND
	1/31/03	394.77	34.36	360.41	ND
	2/28/03	394.77	34.36	360.41	ND
	3/31/03	394.77	34.36	360.41	ND
	4/30/03	394.77	34.36	360.41	ND
	5/30/03	394.77	34.36	360.41	ND
	6/30/03	394.77	34.36	360.41	ND
	7/31/03	394.77	34.36	360.41	ND
	8/29/03	394.77	34.36	360.41	ND
	9/30/03	394.77	34.36	360.41	ND
	10/31/03	394.77	34.36	360.41	ND
	11/30/03	394.77	34.36	360.41	ND
	12/31/03	394.77	34.36	360.41	ND
	1/31/04	394.77	34.36	360.41	ND
	2/29/04	394.77	34.36	360.41	ND
	3/31/04	394.77	34.36	360.41	ND
	4/30/04	394.77	34.36	360.41	ND
	5/31/04	394.77	34.36	360.41	ND
	6/30/04	394.77	34.36	360.41	ND
	7/31/04	394.77	34.36	360.41	ND
	8/31/04	394.77	34.36	360.41	ND
	9/30/04	394.77	34.36	360.41	ND
	10/31/04	394.77	34.36	360.41	ND
	11/30/04	394.77	34.36	360.41	ND
	12/31/04	394.77	34.36	360.41	ND
	1/31/05	394.77	34.36	360.41	ND
	2/28/05	394.77	34.36	360.41	ND
	3/31/05	394.77	34.36	360.41	ND
	4/30/05	394.77	34.36	360.41	ND
	5/31/05	394.77	34.36	360.41	ND
	6/30/05	394.77	34.36	360.41	ND
	7/31/05	394.77	34.36	360.41	ND
	8/31/05	394.77	34.36	360.41	ND
	9/30/05	394.77	34.36	360.41	ND
	10/31/05	394.77	34.36	360.41	ND
	11/30/05	394.77	34.36	360.41	ND
	12/31/05	394.77	34.36	360.41	ND
	1/31/06	394.77	34.36	360.41	ND
	2/28/06	394.77	34.36	360.41	ND
	3/31/06	394.77	34.36	360.41	ND
	4/30/06	394.77	34.36	360.41	ND
	5/31/06	394.77	34.36	360.41	ND
	6/30/06	394.77	34.36	360.41	ND
	7/31/06	394.77	34.36	360.41	ND
	8/31/06	394.77	34.36	360.41	ND
	9/30/06	394.77	34.36	360.41	ND
	10/31/06	394.77	34.36	360.41	ND
	11/30/06	394.77	34.36	360.41	ND
	12/31/06	394.77	34.36	360.41	ND
	1/31/07	394.77	34.36	360.41	ND
	2/28/07	394.77	34.36	360.41	ND
	3/31/07	394.77	34.36	360.41	ND
	4/30/07	394.77	34.36	360.41	ND
	5/31/07	394.77	34.36	360.41	ND
	6/30/07	394.77	34.36	360.41	ND
	7/31/07	394.77	34.36	360.41	ND
	8/31/07	394.77	34.36	360.41	ND
	9/30/07	394.77	34.36	360.41	ND
	10/31/07	394.77	34.36	360.41	ND
	11/30/07	394.77	34.36	360.41	ND
	12/31/07	394.77	34.36	360.41	ND
	1/31/08	394.77	34.36	360.41	ND
	2/28/08	394.77	34.36	360.41	ND
	3/31/08	394.77	34.36	360.41	ND
	4/30/08	394.77	34.36	360.41	ND
	5/31/08	394.77	34.36	360.41	ND
	6/30/08	394.77	34.36	360.41	ND
	7/31/08	394.77	34.36	360.41	ND
	8/31/08	394.77	34.36	360.41	ND
	9/30/08	394.77	34.36	360.41	ND
	10/31/08	394.77	34.36	360.41	ND
	11/30/08	394.77	34.36	360.41	ND
	12/31/08	394.77	34.36	360.41	ND
	1/31/09	394.77	34.36	360.41	ND
	2/28/09	394.77	34.36	360.41	ND
	3/31/09	394.77	34.36	360.41	ND
	4/30/09	394.77	34.36	360.41	ND
	5/31/09	394.77	34.36	360.41	ND
	6/30/09	394.77	34.36	360.41	ND
	7/31/09	394.77	34.36	360.41	ND
	8/31/09	394.77	34.36	360.41	ND
	9/30/09	394.77	34.36	360.41	ND
	10/31/09	394.77	34.36	360.41	ND
	11/30/09	394.77	34.36	360.41	ND
	12/31/09	394.77	34.36	360.41	ND
	1/31/10	394.77	34.36	360.41	ND
	2/28/10	394.77	34.36	360.41	ND
	3/31/10	394.77	34.36	360.41	ND
	4/30/10	394.77	34.36	360.41	ND
	5/31/10	394.77	34.36	360.41	ND
	6/30/10	394.77	34.36	360.41	ND
	7/31/10	394.77	34.36	360.41	ND
	8/31/10	394.77	34.36	360.41	ND
	9/30/10	394.77	34.36	360.41	ND
	10/31/10	394.77	34.36	360.41	ND
	11/30/10	394.77	34.36	360.41	ND
	12/31/10	394.77	34.36	360.41	ND
	1/31/11	394.77	34.36	360.41	ND
	2/28/11	394.77	34.36	360.41	ND
	3/31/11	394.77	34.36	360.41	ND
	4/30/11	394.77	34.36	360.41	ND
	5/31/11	394.77	34.36	360.41	ND
	6/30/11	394.77	34.36	360.41	ND
	7/31/11	394.77	34.36	360.41	ND
	8/31/11	394.77	34.36	360.41	ND
	9/30/11	394.77	34.36	360.41	ND
	10/31/11	394.77	34.36	360.41	ND
	11/30/11	394.77	34.36	360.41	ND
	12/31/11	394.77	34.36	360.41	ND
	1/31/12	394.77	34.36	360.41	ND
	2/28/12	394.77	34.36	360.41	ND
	3/31/12	394.77	34.36	360.41	ND
	4/30/12	394.77	34.36	360.41	ND
	5/31/12	394.77	34.36	360.41	ND
	6/30/12	394.77	34.36	360.41	ND
	7/31/12	394.77	34.36	360.41	ND
	8/31/12	394.77	34.36	360.41	ND
	9/30/12	394.77	34.36	360.41	ND
	10/31/12	394.77	34.36	360.41	ND
	11/30/12	394.77	34.36	360.41	ND
	12/31/12	394.77	34.36	360.41	ND
	1/31/13	394.77	34.36	360.41	ND
	2/28/13	394.77	34.36	360.41	ND
	3/31/13	394.77	34.36	360.41	ND
	4/30/13	394.77	34.36	360.41	ND
	5/31/13	394.77	34.36	360.41	ND
	6/30/13	394.77	34.36	360.41	ND
	7/31/13	394.77	34.36	360.41	ND
	8/31/13	394.77	34.36	360.41	ND
	9/30/13	394.77	34.36	360.41	ND
	10/31/13	394.77	34.36	360.41	ND
	11/30/13	394.77	34.36	360.41	ND
	12/31/13	394.77	34.36	360.41	ND
	1/31/14	394.77	34.36	360.41	ND
	2/28/14	394.77	34.36	360.41	ND
	3/31/14	394.77	34.36	360.41	ND
	4/30/14	394.77	34.36	360.41	ND
	5/31/14	394.77	34.36	360.41	ND
	6/30/14	394.77	34.36	360.41	ND
	7/31/14	394.77	34.36	360.41	ND
	8/31/14	394.77	34.36	360.41	ND
	9/30/14	394.77	34.36	360.41	ND
	10/31/14	394.77	34.36	360.41	ND
	11/30/14	394.77	34.36	360.41	ND
	12/31/14	394.77	34.36	360.41	ND
	1/31/15	394.77	34.36	360.41	ND
	2/28/15	394.77	34.36	360.41	ND
	3/31/15	394.77	34.36	360.41	ND
	4/30/15	394.77	34.36	360.41	ND
	5/31/15	394.77	34.36	360.41	ND
	6/30/15	394.77	34.36	360.41	ND
	7/31/15	394.77	34.36	360.41	ND
	8/31/15	394.77	34.36	360.41	ND
	9/30/15	394.77	34.36	360.41	ND
	10/31/15	394.77	34.36	360.41	ND
	11/30/15	394.77	34.36	360.41	ND
	12/31/15	394.77	34.36	360.41	ND
	1/31/16	394.77	34.36	360.41	ND
	2/28/16	394.77	34.36	360.41	ND
	3/31/16	394.77	34.36	360.41	ND
	4/30/16	394.77	34.36	360.41	ND
	5/31/16	394.77	34.36	360.41	ND
	6/30/16	394.77	34.36	360.41	ND
	7/31/16	394.77	34.36	360.41	ND
	8/31/16	394.77	34.36	360.41	ND
	9/30/16	394.77	34.36	360.41	ND
	10/31/16	394.77	34.36	360.41	ND
	11/30/16	394.77	34.36	360.41	ND
	12/31/16	394.77	34.36	360.41	ND
	1/31/17	394.77	34.36	360.41	ND
	2/28/17	394.77	34.36	360.41	ND
	3/31/17	394.77	34.36	360.41	ND
	4/30/17	394.77	34.36	360.41	ND
	5/31/17	394.77	34.36	360.41	ND
	6/30/17	394.77	34.36	360.41	ND
	7/31/17	394.77	34.36	360.41	ND
	8/31/17	394.77	34.36	360.41	ND
	9/30/17	394.77	34.36	360.41	ND
	10/31/17	394.77	34.36	360.41	ND
	11/30/17	394.77	34.36	360.41	ND
	12/31/17	394.77	34.36	360.41	ND
	1/31/18	394.77	34.36	360.41	ND
	2/28/18	394.77	34.36	360.41	ND
	3/31/18	394.77	34.36	360.41	ND
	4/30/18	394.77	34.36	360.41	ND
	5/31/18	394.77	34.36	360.41	ND
	6/30/18	394.77	34.36	360.41	ND
	7/31/18	394.77	34.36	360.41	ND
	8/31/18	394.77	34.36	360.41	ND
	9/30/18	394.77	34.36	360.41	ND
	10/31/18	394.77	34.36	360.41	ND
	11/30/18	394.77	34.36	360.41	ND
	12/31/18	394.77	34.36	360.41	ND
	1/31/19	394.77	34.36	360.41	ND
	2/28/19	394.77	34.36	360.41	ND
	3/31/19	394.77	34.36	360.41	ND
	4/30/19	394.77	34.36	360.41	ND
	5/31/19	394.77	34.36	360.41	ND
	6/30/19	394.77	34.36	360.41	ND
	7/31/19	394.77	34.36	360.41	ND
	8/31/19	394.77	34.36	360.41	ND
	9/30/19	394.77	34.36	360.41	ND
	10/31/19	394.77	34.36	360.41	ND
	11/30/19	394.77	34.36	360.41	ND
	12/31/19	394.77	34.36	360.41	ND
	1/31/20	394.77	34.36	360.41	ND
	2/28/20	394.77	34.36	360.41	ND
	3/31/20	394.77	34.36	360.41	ND
	4/30/20	394.77	34.36	360.41	ND
	5/31/20	394.77	34.36	360.41	ND
	6/30/20	394.77	34.36	360.41	ND
	7/31/20	394.77	34.36	360.41	ND
	8/31/20	394.77	34.36	360.41	ND
	9/30/20	394.77	34.36	360.41	ND
	10/31/20	394.77	34.36	360.41	ND
	11/30/20	394.77	34.36	360.41	ND
	12/31/20	394.77	34.36	360.41	ND
	1/31/21	394.77	34.36	360.41	ND
	2/28/21	394.77	34.36	360.41	ND
	3/31/21	394.77	34.36	360.41	ND
	4/30/21	394.77	34.36	360.41	ND
	5/31/21	394.77	34.36	360.41	ND
	6/30/21	394.77	34.36	360.41	ND
	7/31/21	394.77	34.36	360.41	ND
	8/31/21	394.77	34.36	360.41	ND
	9/30/21	394.77	34.36	360.41	ND
	10/31/21	394.77	34.36	360.41	ND
	11/30/21	394.77	34.36	360.41	ND
	12/31/21	394.77	34.36	360.41	ND
	1/31/22	394.77	34.36	360.41	ND
	2/28/22	394.77	34.36	360.41	ND
	3/31/22	394.77	34.36	360.41	ND
	4/30/22	394.77	34.36	360.41	ND
	5/31/22	394.77	34.36	360.41	ND
	6/30/22	394.77	34.36	360.41	ND
	7/31/22	394.77	34.36	360.41	ND
	8/31/22	394.77	34.36	360.41	ND
	9/30/22	394.77	34.36	360.41	ND
	10/31/22	394.77	34.36	360.41	ND
	11/30/22	394.77	34.36	360.41	ND
	12/31/22	394.77	34.36	360.41	ND
	1/31/23	394.77	34.36	360.41	ND
	2/28/23	394.77	34.36	360.41	ND
	3/31/23	394.77	34.36	360.41	ND
	4/30/23	394.77	34.36	360.41	ND
	5/31/23	394.77	34.36	360.41	ND
	6/30/23	394.77	34.36	360.41	ND
	7/31/23	394.77	34.36	360.41	ND
	8/31/23	394.77	34.36	360.41	ND
	9/30/23	394.77	34.36	360.41	ND
	10/31/23	394.77	34.36	360.41	ND
	11/30/23	394.77	34.36	360.41	ND
	12/31/23	394.77	34.36	360.41	ND
	1/31/24	394.77	34.36	360.41	ND
	2/28/24	394.77	34.36	360.41	ND
	3/31/24	394.77	34.36	360.41	ND
	4/30/24	394.77	34.36	360.41	ND
	5/31/24	394.77	34.36	360.41	ND
	6/30/24	394.77	34.36	360.41	ND
	7/31/24	394.77	34.36	360.41	ND
	8/31/24	394.77	34.36	360.41	ND
	9/30/24	394.77	34.36	360.41	ND
	10/31/24	394.77	34.36	360.41	ND
	11/30/24	394.77	34.36	360.41	ND
	12/31/24	394.77	34.36	360.41	ND
	1/31/25	394.77	34.36	360.41	ND
	2/28/25	394.77	34.36	360.41	ND
	3/31/25	394.77	34.36	360.41	ND
	4/30/25	394.77	34.36	360.41	ND
	5/31/25	394.77	34.36	360.41	ND
	6/30/25	394.77	34.36	360.41	ND
	7/31/25	394.77	34.36	360.41	ND
	8/31/25	394.77	34.36	360.41	ND
	9/30/25	394.77	34.36	360.41	ND
	10/31/25	394.77	34.36	360.41	ND
	11/30/25	394.77	34.36	360.41	ND
	12/31/25	394.77	34.36	360.41	ND
	1/31/26	394.77	34.36	360.41	ND
	2/28/26	394.77	34.36	360.41	ND
	3/31/26	394.77	34.36	360.41	ND
	4/30/26	394.77	34.36	360.41	ND
	5/31/26	394.77	34.36	360.41	ND
	6/30/26	394.77	34.36	360.41	ND
	7/31/26	394.77	34.36	360.41	ND
	8/31/26	394.77	34.36	360.41	ND
	9/30/26	394.77	34.36	360.41	ND
	10/31/26	394.77	34.36	360.41	ND
	11/30/26	394.77	34.36	360.41	ND
	12/31/26	394.77	34.36	360.41	ND
	1/31/27	394.77	34.36	360.41	ND
	2/28/27	394.77	34.36	360.41	ND
	3/31/27	394.77	34.36	360.41	ND
	4/30/27	394.77	34.36	360.41	ND
	5/31/27	394.77	34.36	360.41	ND
	6/30/27	394.77	34.36	360.41	ND
	7/31/27	394.77	34.36	360.41	ND
	8/31/27	394.77	34.36	360.41	ND
	9/30/27	394.77	34.36	360.41	ND
	10/31/27	394.77	34.36	360.41	ND
	11/30/27	394.77	34.36	360.41	ND
	12/31/27	394.77	34.36	360.41	ND
	1/31/28	394.77	34.36	360.41	ND
	2/28/28	394.77	34.36	360.41	ND
	3/31/28	394.77	34.36	360.41	ND
	4/30/28	394.77	34.36	360.41	ND
	5/31/28	394.77	34.36	360.41	ND
	6/30/28	394.77	34.36	360.41	ND
	7/31/28	394.77	34.36	360.41	ND
	8/31/28	394.77	34.36	360.41	ND
	9/30/28	394.77	34.36	360.41	ND
	10/31/28	394.77	34.36	360.41	ND
	11/30/28	394.77	34.36	360.41	ND
	12/31/28	394.77	34.36	360.41	ND
	1/31/29	394.77	34.36	360.41	ND
	2/28/29	394.77	34.36	360.41	ND
	3/31/29	394.77	34.36	360.41	ND
	4/30/29	394.77	34.36	360.41	ND
	5/31/29	394.77	34.36	360.41	ND
	6/30/29	394.77	34.36	360.41	ND
	7/31/29	394.77	34.36	360.41	ND
	8/31/29	394.77	34.36	360.41	ND
	9/30/29	394.77	34.36	360.41	ND
	10/31/29	394.77	34.36	360.41	ND
	11/30/29	394.77	34.36	360.41	ND
	12/31/29	394.77	34.36	360.41	ND
	1/31/30	394.77	34.36	360.41	ND
	2/28/30	394.77	34.36	360.41	ND
	3/31/30	394.77	34.36	360.41	ND
	4/30/30	394.77	34.36	360.41	ND
	5/31/30	394.77	34.36	360.41	ND
	6/30/30	394.77	34.36	360.41	ND
	7/31/30	394.77	34.36	360.41	ND
	8/31/30	394.77	34.36	360.41	ND
	9/30/30	394.77	34.36	360.41	ND
	10/31/30	394.77	34.36	360.41	ND
	11/30/30	394.77	34.36	360.41	ND
	12/31/30	394.77	34.36	360.41	ND
	1/31/31	394.77	34.36	360.41	ND
	2/28/31	394.77	34.36	360.41	ND
	3/31/31	394.77	34.36	360.41	ND
	4/30/31	394.77	34.36	360.41	ND
	5/31/31	394.77	34.36	360.41	ND
	6/30/31	394.77	34.36	360.41	ND
	7/31/31	394.77	34.36	360.41	ND
	8/31/31	394.77	34.36	360.41	ND
	9/30/31	394.77	34.36	360.41	ND
	10/31/31	394.77	34.36	360.41	ND
	11/30/31	394.77	34.36	360.41	ND
	12/31/31	394.77	34.36	360.41	ND
	1/31/32	394.77	34.36	360.41	ND
	2/28/32	394.77	34.36	360.41	ND
	3/31/32	394.77	34.36	360.41	ND
	4/30/32	394.77	34.36	360.41	ND
	5/31/32	394.77	34.36	360.41	ND
	6/30/32	394.77	34.36	360.41	ND
	7/31/32	394.77	34.36	360.41	ND
	8/31/32	394.77	34.36	360.41	ND
	9/30/32	394.77	34.36	360.41	ND
	10/31/32	394.77	34.36	360.41	ND
	11/30/32	394.77	34.36	360.41	ND
	12/31/32	394.77	34.36	360.41	ND
	1/31/33	394.77	34.36	360.41	ND
	2/28/33	394.77	34.36	360.41	ND
	3/31/33	394.77	34.36	360.41	ND
	4/30/33	394.77	34.36	360.41	ND
	5/31/33	394.77	34.36	360.41	ND
	6/30/33	394.77	34.36	360.41	ND
	7/31/33	394.77	34.36	360.41	ND
	8/31/33	394.77	34.36	360.41	ND
	9/30/33	394.77	34.36	360.41	ND
	10/31/33	394.77	34.36	360.41	ND
	11/30/33	394.77	34.36	360.41	ND
	12/31/33	394.77	34.36	360.41	ND
	1/31/34	394.77	34.36	360.41	ND
	2/28/34	394.77	34.36	360.41	ND
	3/31/34	394.77	34.36	360.41	ND
	4/30/34	394.77	34.36	360.41	ND
	5/31/34	394.77	34.36	360.41	ND
	6/30/34	394.77	34.36	360.41	ND
	7/31/34	394.77	34.36	360.41	ND
	8/31/34	394.77	34.36	360.41	ND
	9/30/34	394.77	34.36	360.41	ND
	10/31/34	394.77	34.36	360.41	ND
	11/30/34	394.77	34.36	360.41	ND
	12/31/34	394.77	34.36	360.41	ND
	1/31/35	394.77	34.36	360.41	ND
	2/28/35	394.77	34.36	360.41	ND
	3/31/35	394.77	34.36	360.41	ND
	4/30/35	394.77	34.36	360.41	ND
	5/31/35	394.77	34.36	360.41	ND
	6/30/35	394.77	34.36	360.41	ND
	7/31/35	394.77	34.36	360.41	ND
	8/31/35	394.77	34.36	360.41	ND
	9/30/35	394.77	34.36	360.41	ND
	10/31/35	394.77	34.36	360.41	ND
	11/30/35	394.77	34.36	360.41	ND
	12/31/35	394.77	34.36	360.41	ND
	1/31/36	394.77	34.36	360.41	ND
	2/28/36	394.77	34.36	360.41	ND
	3/31/36	394.77	34.36	360.41	ND
	4/30/36	394.77	34.36	360.41	ND
	5/31/36	394.77	34.36	360.41	ND
	6/30/36	394.77	34.36	360.41	ND
	7/31/36	394.77	34.36	360.41	ND
	8/31/36	394.77	34.36	360.41	ND
	9/30/36	394.77	34.36	360.41	ND
	10/31/36	394.77	34.36	360.41	ND
	11/30/36	394.77	34.36	360.41	ND
	12/31/36	394.77	34.36	360.41	ND
	1/31/37	394.77	34.36	360.41	ND
	2/28/37	394.77	34.36	360.41	ND
	3/31/37	394.77	34.36	360.41	ND
	4/30/37	394.77	34.36	360.41	ND
	5/31/37	394.77	34.36	360.41	ND
	6/30/37	394.77	34.36	360.41	ND
	7/31/37	394.77	34.36	360.41	ND
	8/31/37	394.77	34.36	360.41	ND
	9/30/37	394.77	34.36	360.41	ND
	10/31/37	394.77	34.36	360.41	ND
	11/30/37	394.77	34.36	360.41	ND
	12/31/37	394.77	34.36	360.41	ND
	1/31/38	394.77	34.36	360.41	ND
	2/28/38	394.77	34.36	360.41	ND
	3/31/38	394.77	34.36	360.41	ND
	4/30/38	394.77	34.36	360.41	ND
	5/31/38	394.77	34.36	360.41	ND
	6/30/38	394.77	34.36	360.41	ND
	7/31/38	394.77	34.36	360.41	ND
	8/31/38	394.77	34.36	360.41	ND
	9/30/38	394.77	34.36	360.41	ND
	10/31/38	394.77	34.36	360.41	ND
	11/30/38	394.77	34.36	360.41	ND
	12/31/38	394.77	34.36	360.41	ND
	1/31/39	394.77	34.36	360.41	ND
	2/28/39	394.77	34.36	360.41	ND
	3/31/39	394.77	34.36	360.41	ND
	4/30/39	394.77	34.36	360.41	ND
	5/31/39	394.77	34.36	360.41	ND
	6/30/39	394.77	34.36	360.41	ND
	7/31/39	394.77	34.36	360.41	ND
	8/31/39	394.77	34.36	360.41	ND
	9/30/39	394.77	34.36	360.41	ND
	10/31/39	394.77	34.36	360.41	ND
	11/30/39	394.77	34.36	360.41	ND
	12/31/39	394.77	34.36	360.41	ND
	1/31/40	394.77	34.36	360.41	ND
	2/28/40	394.77	34.36	360.41	ND
	3/31/40	394.77	34.36	360.41	ND
	4/30/40	394.77	34.36	360.41	ND
	5/31/40	394.77	34.36	360.41	ND
	6/30/40	394.77	34.36	360.41	ND
	7/31/40	394.77	34.36	360.41	ND
	8/31/40	394.77	34.36	360.41	ND
	9/30/40	394.77	34.36	360.41	ND
	10/31/40	394.77	34.36	360.41	ND
	11/30/40	394.77	34.36	360.41	ND
	12/31/40	394.77	34.36	360.41	ND
	1/31/41	394.77	34.36	360.41	ND
	2/28/41	394.77	34.36	360.41	ND
	3/31/41	394.77	34.36	360.41	ND
	4/30/41	394.77	34.36	360.41	ND
	5/31/41	394.77	34.36	360.41	ND
	6/30/41	394.77	34.36	360.41	ND
	7/31/41	394.77	34.36	360.41	ND
	8/31/41	394.77	34.36	360.41	ND
	9/30/41	394.77	34.36	360.41	ND
	10/31/41	394.77	34.36	360.41	ND
	11/30/41	394.77	34.36	360.41	ND
	12/31/41	394.77	34.36	360.41	ND
	1/31/42	394.77	34.36	360.41	ND
	2/28/42

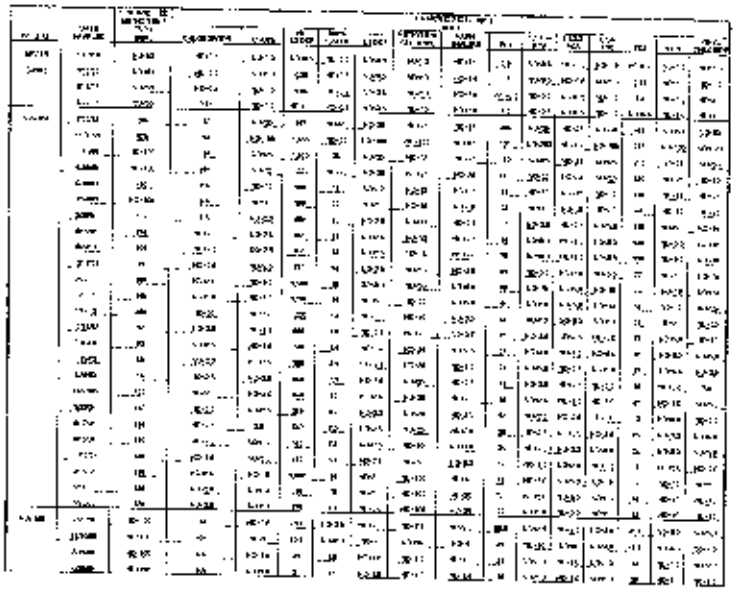


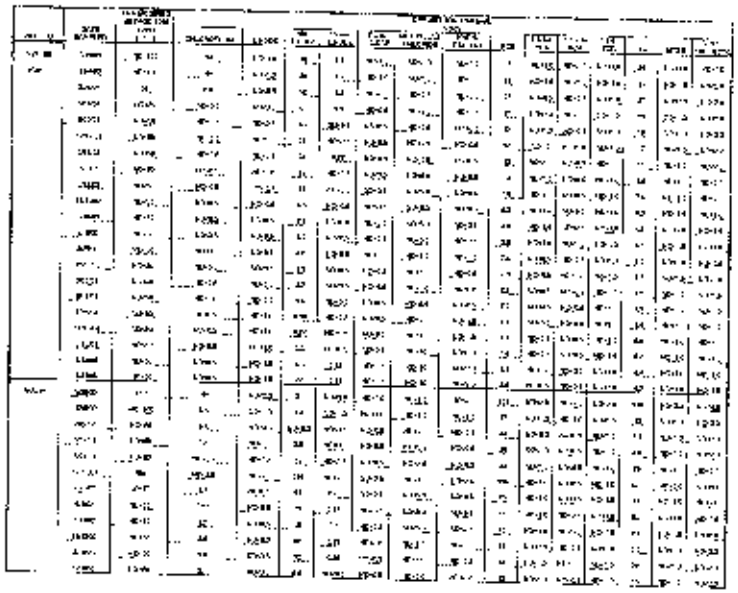


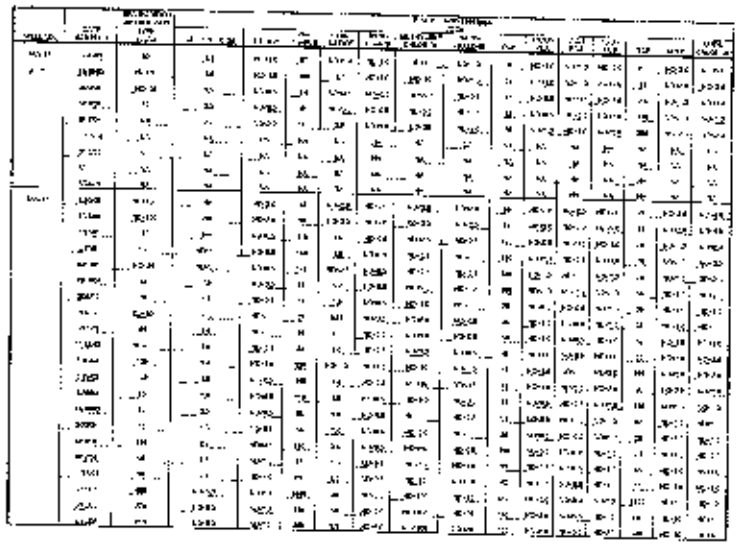


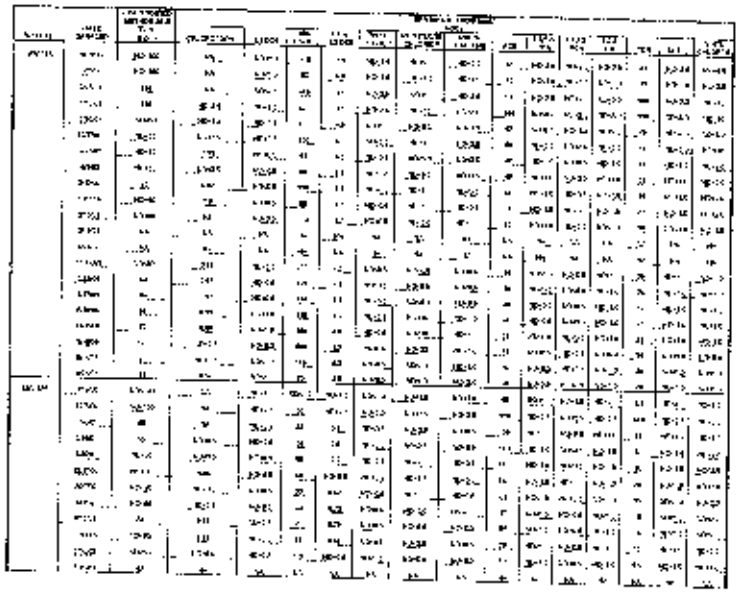


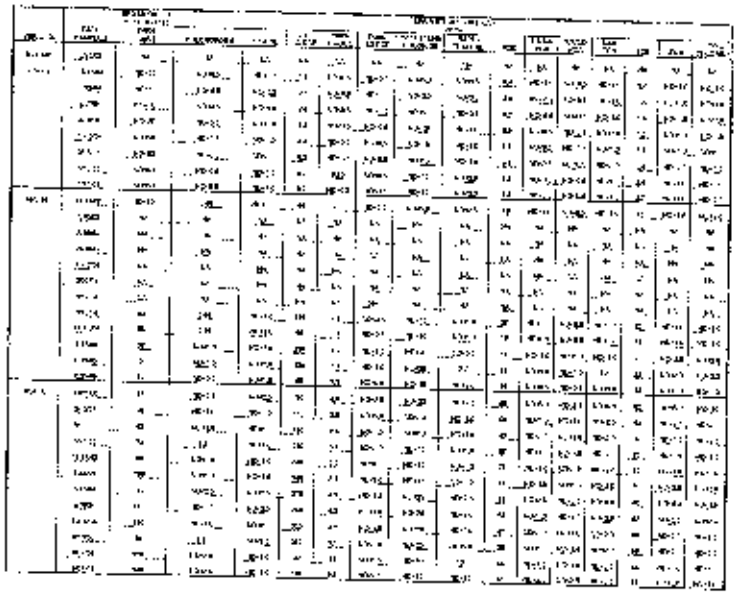


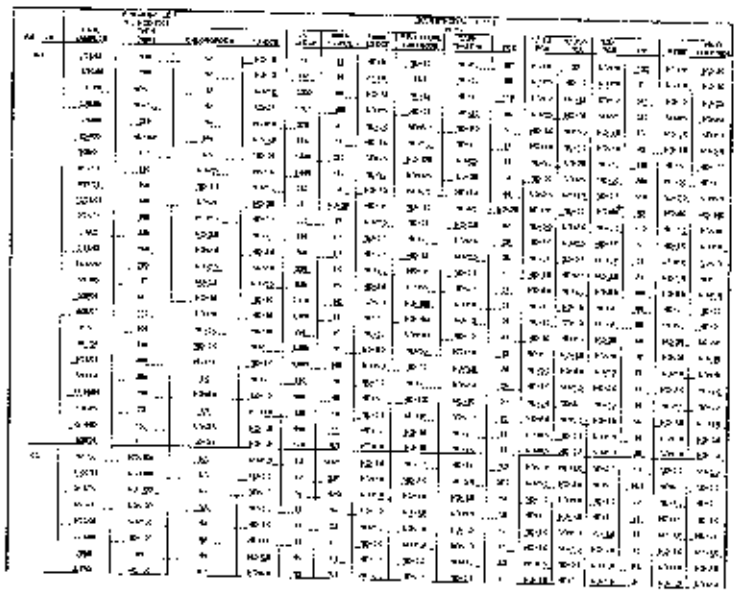


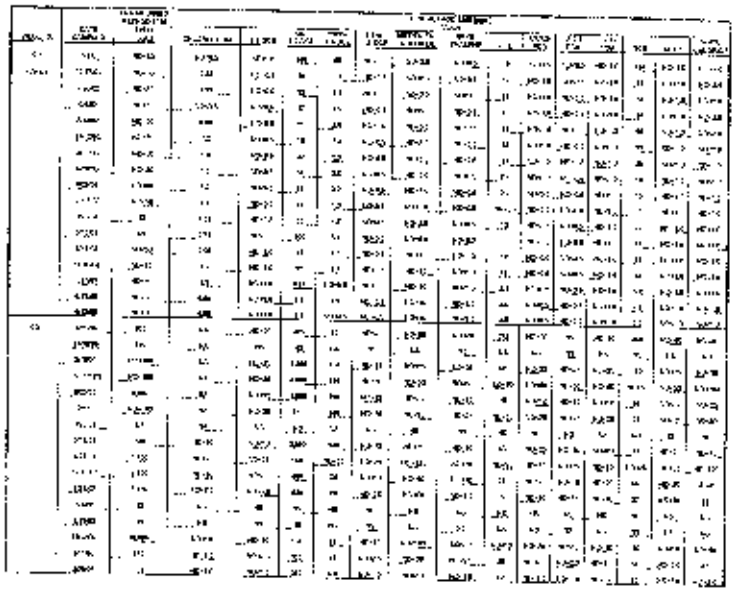


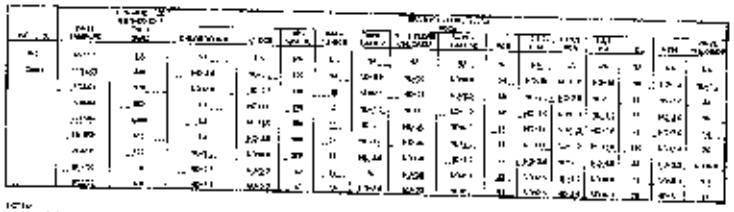












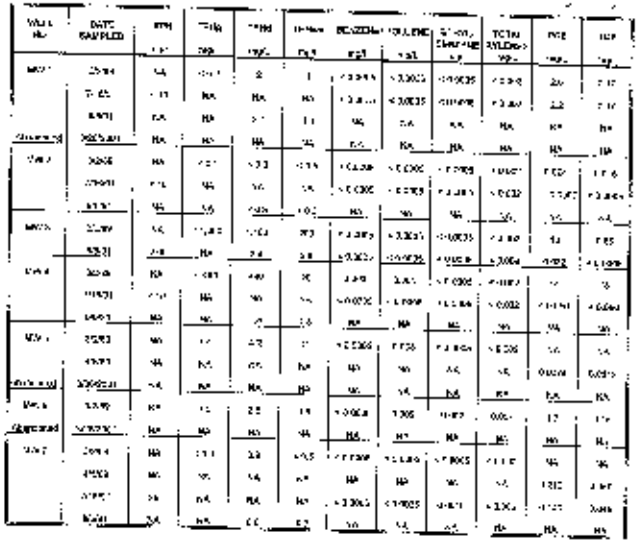


TABLE 3

HISTORICAL RESULTS OF LABORATORY ANALYSES OF GROUNDWATER SAMPLES

Former American Linen Facility
1985 Pasadena Avenue
Los Angeles, California

WELL NO.	DATE SAMPLED	DEPTH (ft bgs)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	BENZENE (µg/L)	TOLUENE (µg/L)	ETHYL-BENZENE (µg/L)	TOTAL XYLENES (µg/L)	MTBE (µg/L)	TCE (µg/L)
[illegible]	[illegible]	NA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
[illegible]	[illegible]	NA	[illegible]	[illegible]	[illegible]	NA	NA	NA	NA	NA	NA
	[illegible]	NA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	NA	[illegible]	NA	NA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	NA	NA	[illegible]	[illegible]	NA	NA	NA	NA	NA	NA
MW-03	[illegible]	NA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	NA	[illegible]	NA	NA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	NA	[illegible]	[illegible]	[illegible]	NA	NA	NA	NA	NA	NA
MW-04	[illegible]	NA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	NA	[illegible]	NA	NA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	NA	NA	[illegible]	[illegible]	NA	NA	NA	NA	NA	NA
MW-05	[illegible]	NA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	NA	[illegible]	NA	NA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	NA	[illegible]	[illegible]	[illegible]	NA	NA	NA	NA	NA	NA
B-	[illegible]	NA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	NA	[illegible]	4,700	NA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	NA	[illegible]	NA	NA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	NA	NA	[illegible]	[illegible]	NA	NA	NA	NA	NA	NA

TABLE 3

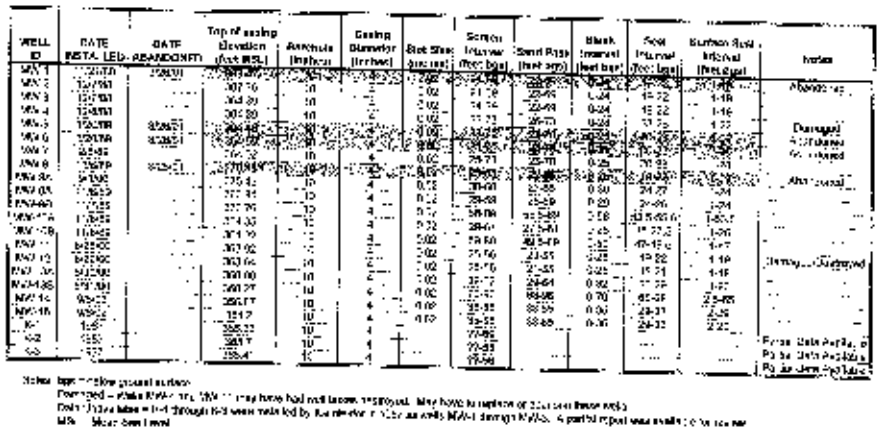
HISTORICAL GROUNDWATER LABORATORY ANALYSES OF GROUNDWATER SAMPLES

Former American Linen Facility
1985 Pasadena Avenue
Los Angeles, California

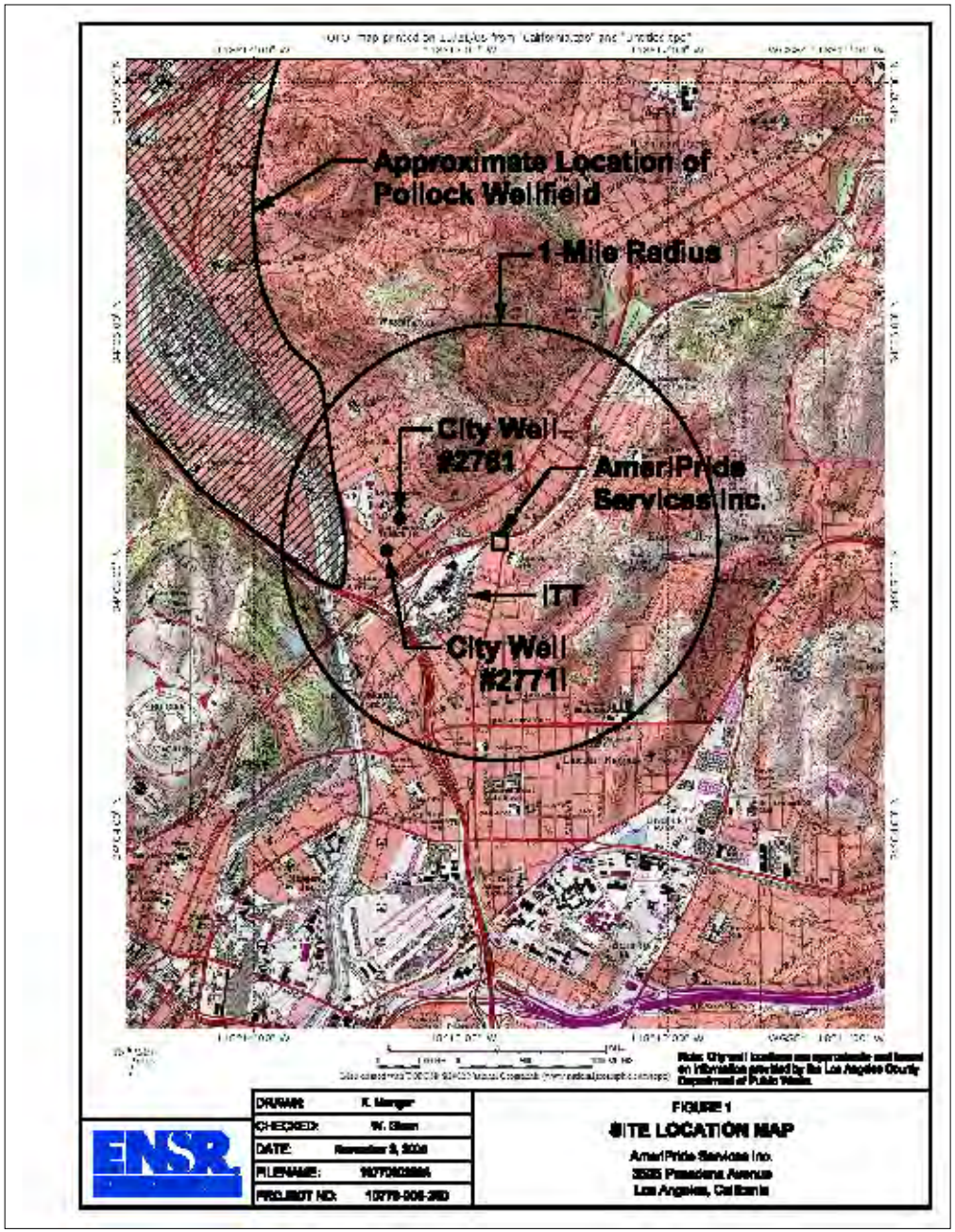
WELL NO.	DATE SAMPLED	DEPTH (ft bgs)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	BENZENE (µg/L)	TOLUENE (µg/L)	ETHYL-BENZENE (µg/L)	TOTAL XYLENES (µg/L)	MTBE (µg/L)	TCE (µg/L)
P7	3/3/94	NA	< 50.0	370	< 1.0	< 0.500	< 0.500	< 0.500	< 0.500	0.530	0.0220
	7/15/9	NA	< 0.1	NA	NA	< 0.0005	< 0.0005	< 0.0005	< 0.0005	0.0042	NA
	8/6/96	NA	NA	4.2	1.4	NA	NA	NA	NA	NA	NA

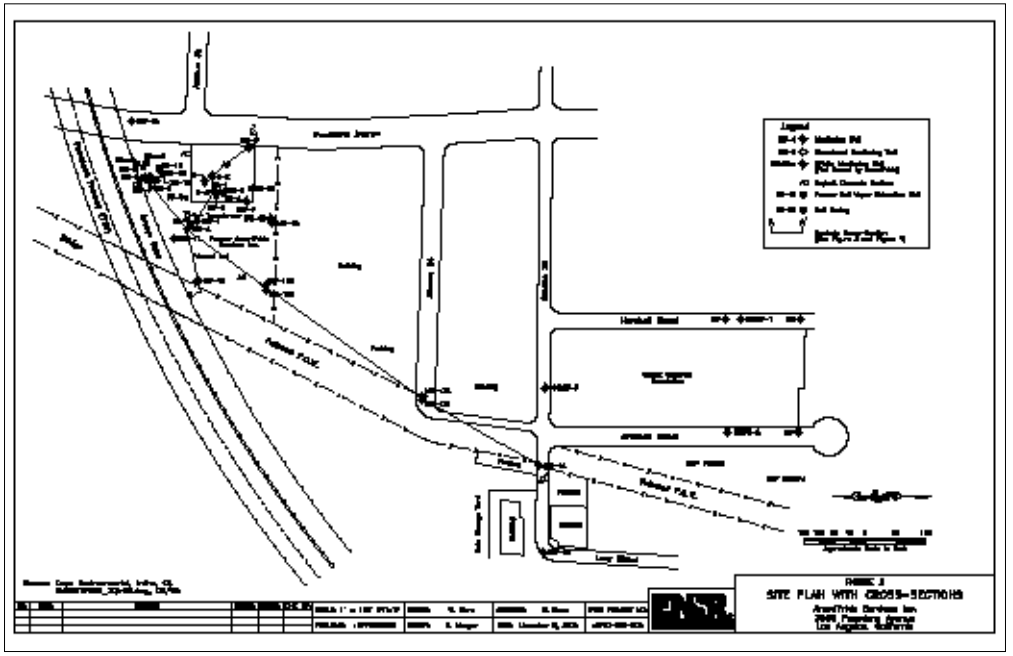
NOTES:

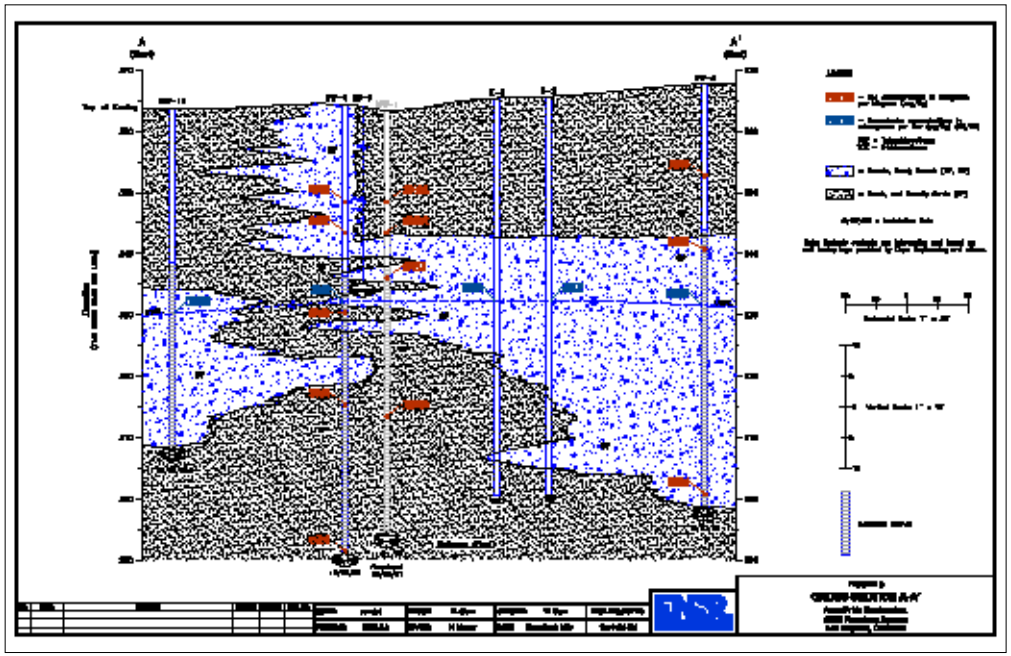
Table 3 Abbreviations (page 1)
TPHg = Total Petroleum Hydrocarbons as Gasoline
TPHd = Total Petroleum Hydrocarbons as Diesel
TPHmo = Total Petroleum Hydrocarbons as Motor Oil
TPHmo = Total Petroleum Hydrocarbons as Mineral Oil or Waste Oil
MTBE = Methyl tert-butyl ether
TCE = Trichloroethene
NA = Not analyzed

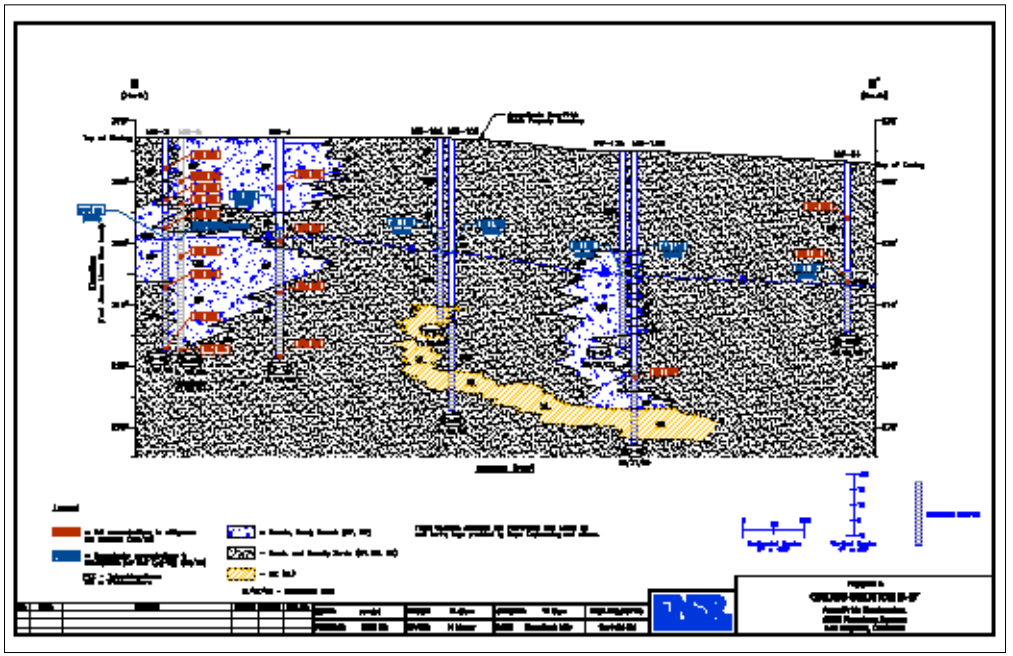


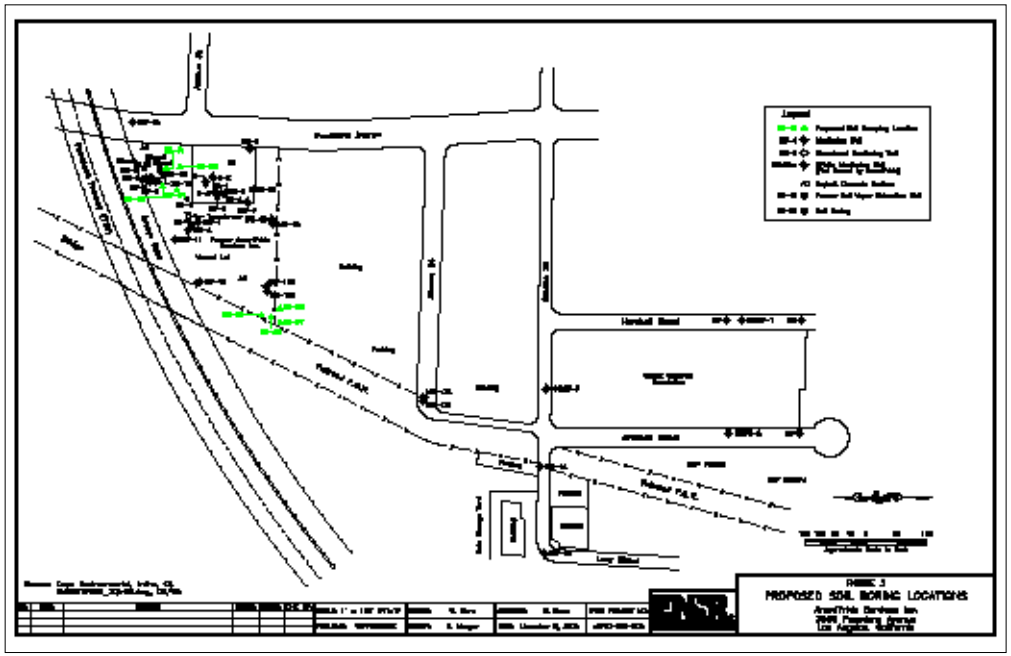
FIGURES

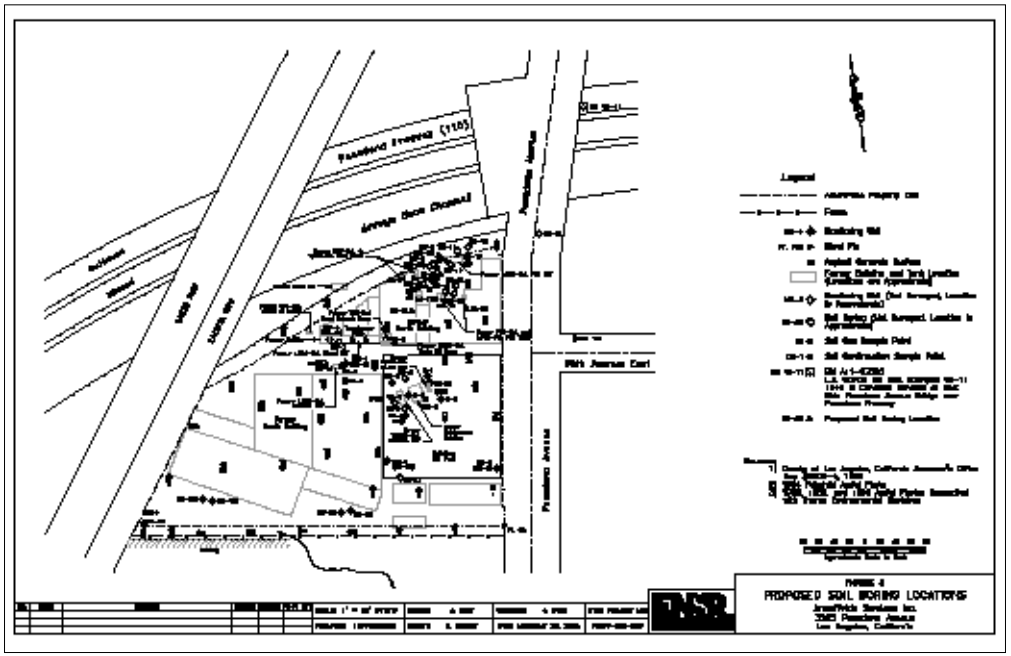

Approximate Location of Pollock Wellfield
1 Mile Radius
City Well #2761
AmeriPride Services Inc.
ITT
City Well #2771
DRAWN: K. Monger
CHECKED: W. Elson
DATE: November 3, 2008
FILENAME: 10770928MA
PROJECT NO: 10770-006-2R0
FIGURE 1
SITE LOCATION MAP
AmeriPride Services Inc.
3525 Pasadena Avenue
Los Angeles, California
ENSR

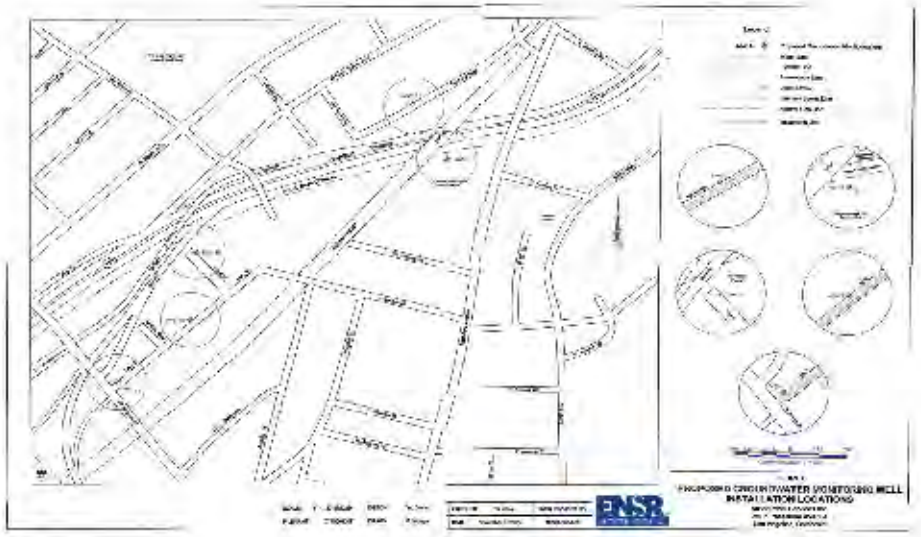

Legend
Herbert Road
Palmer Pl.
Lacy Street
ENSR



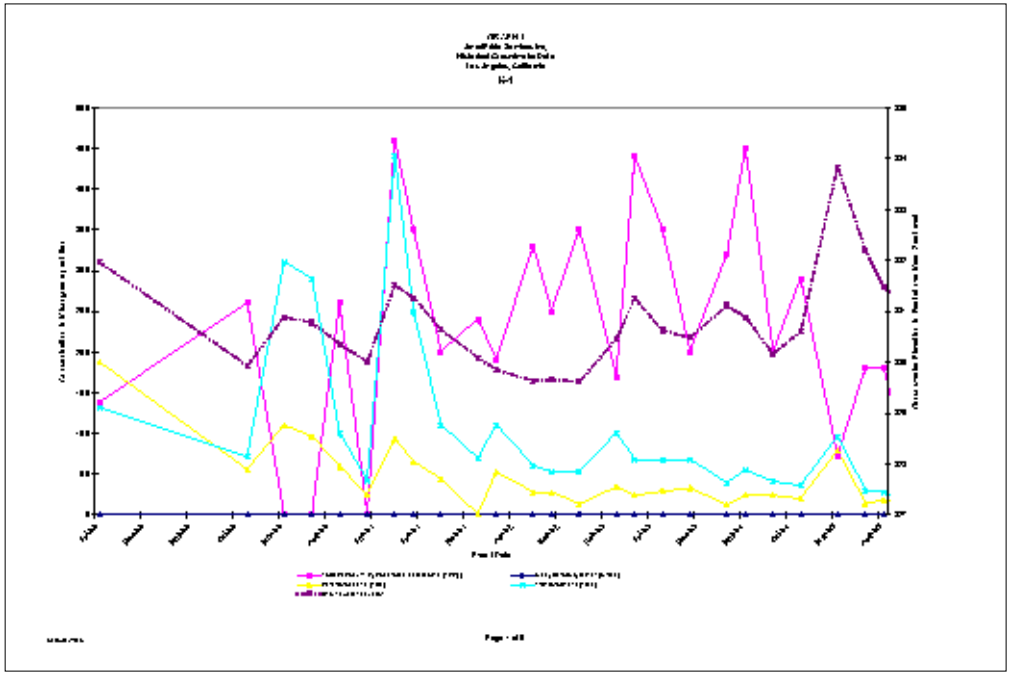


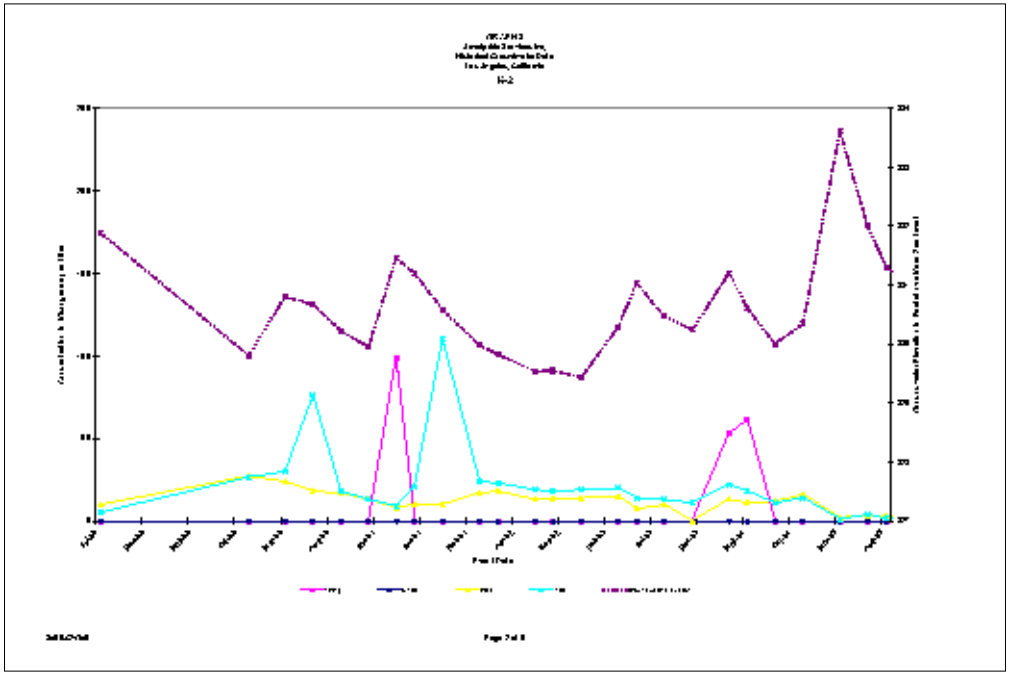

Legend
Proposed Soil Sampling Location
Mallatte Pit
Abandoned Underlying Well
Mallatte Pit
Hydraulic Concrete Surface
Proposed Soil Vapor Extraction Well
Soil Boring
Hanford Street
Railroad P.S.E.
Long Street
FIGURE 3
PROPOSED SOIL BORING LOCATIONS
ArcelMittal Services Inc.
3545 Pasadena Avenue
Los Angeles, California

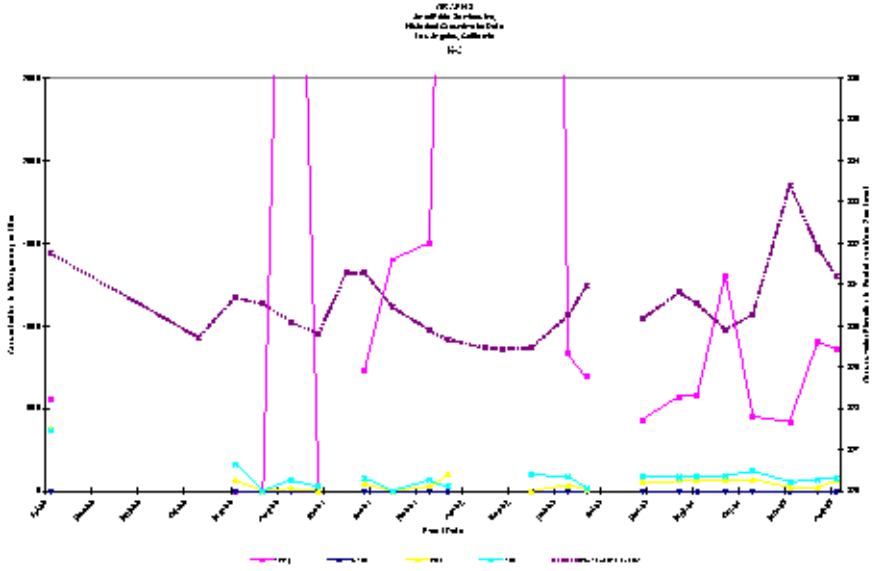

Pasadena Freeway (110)
Arroyo Seco Channel
Pasadena Avenue
Legend
Asphalt Concrete Surface
Soil Boring (Soil Sampling Location is Approximate)
Soil Vapor Sample Point
Soil Groundwater Sample Point
Proposed Soil Boring Location
FIGURE 4
PROPOSED SOIL BORING LOCATIONS
ArcelMittal Services Inc.
3545 Pasadena Avenue
Los Angeles, California

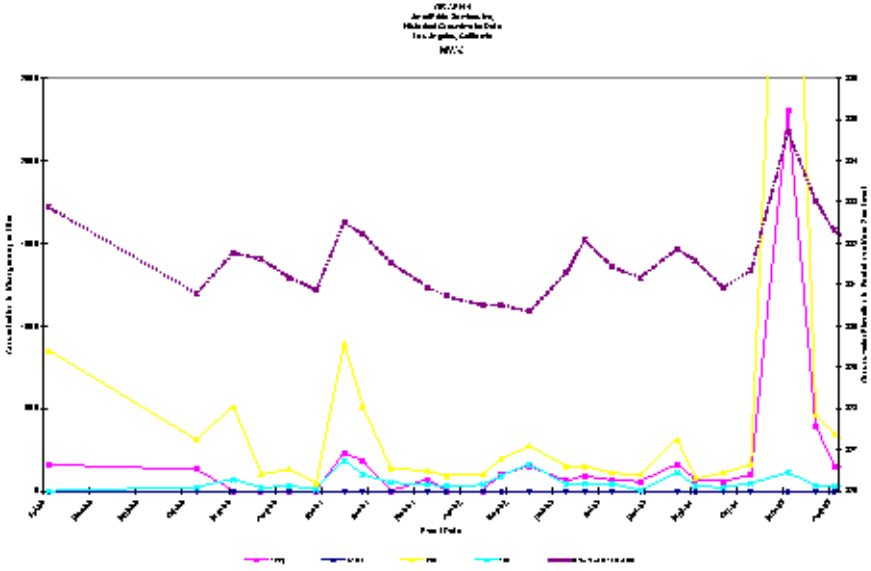


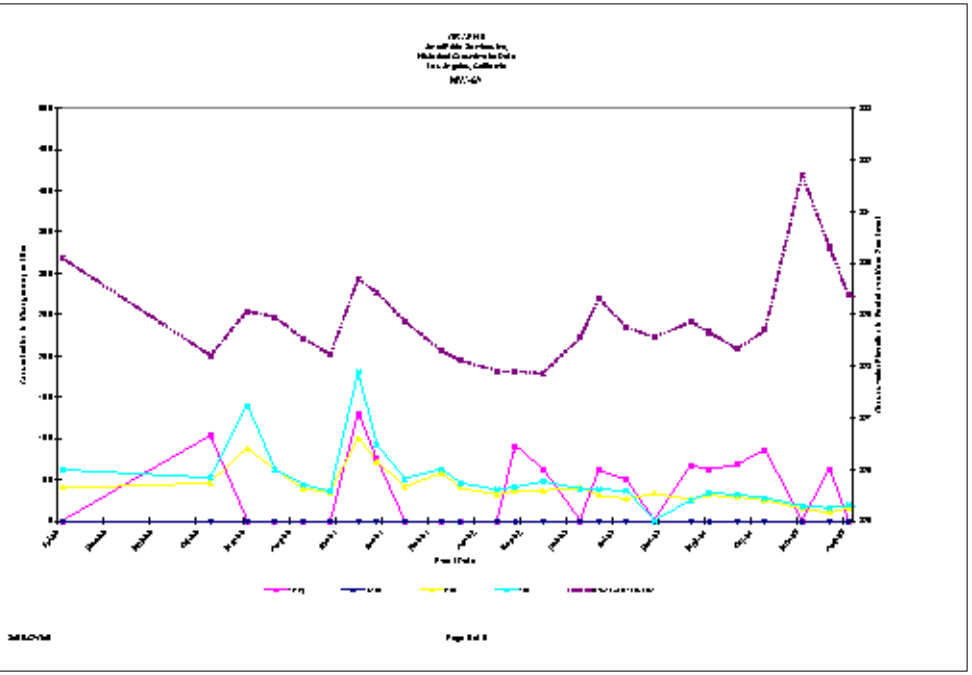
GRAPHS

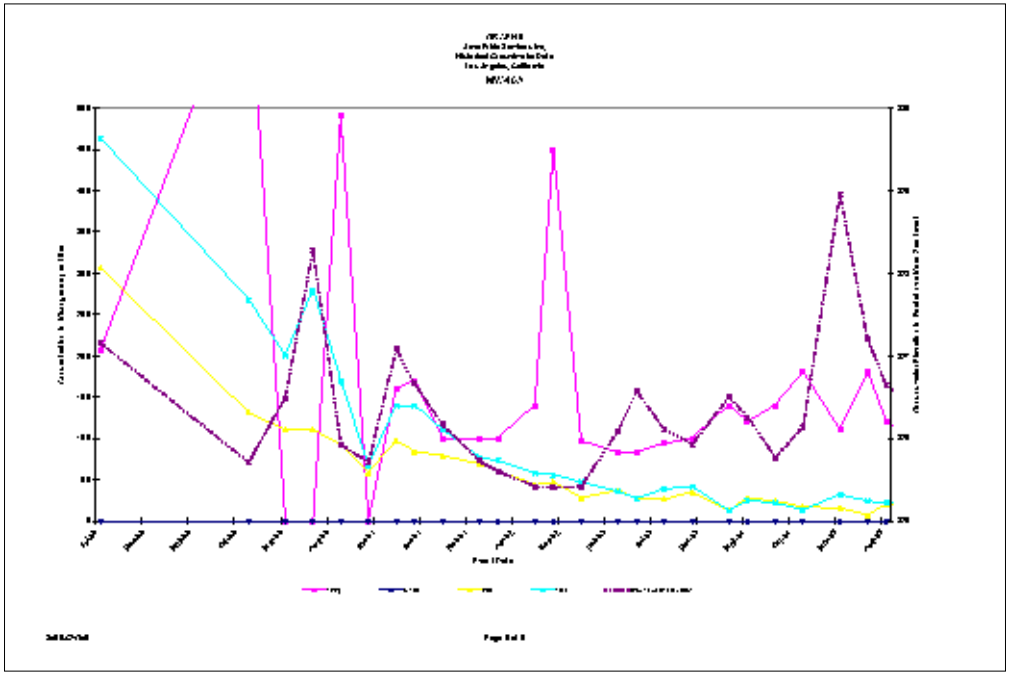


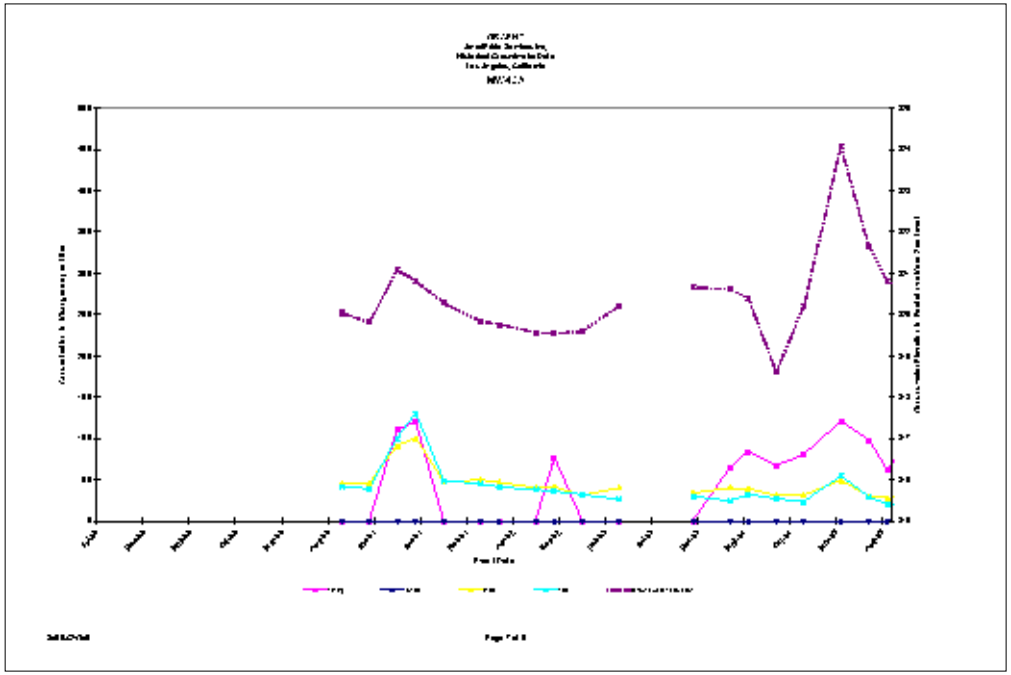


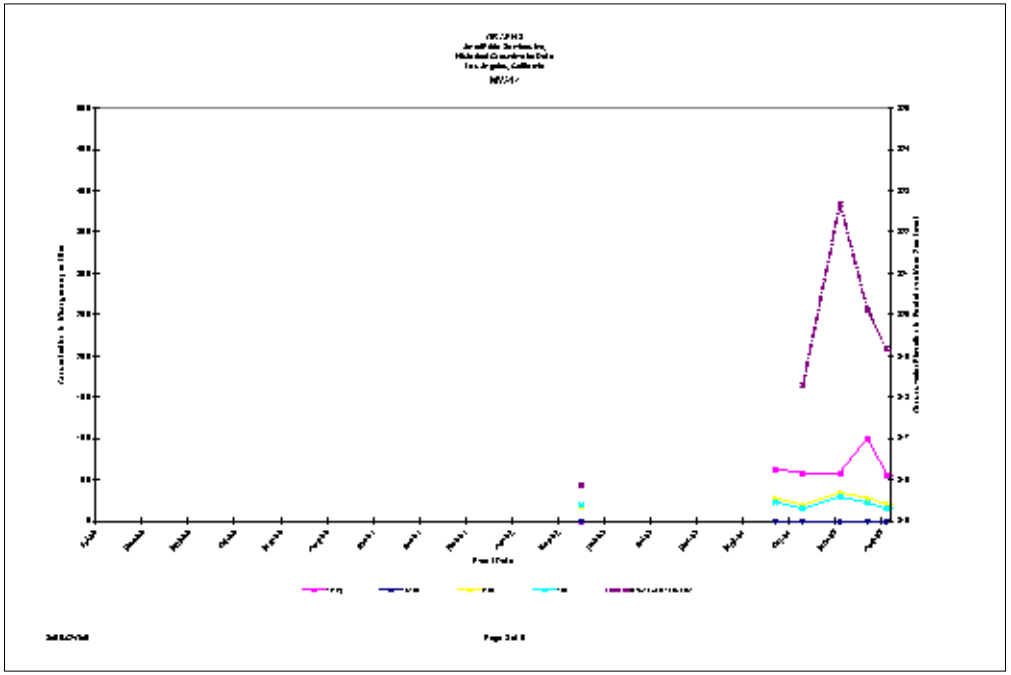


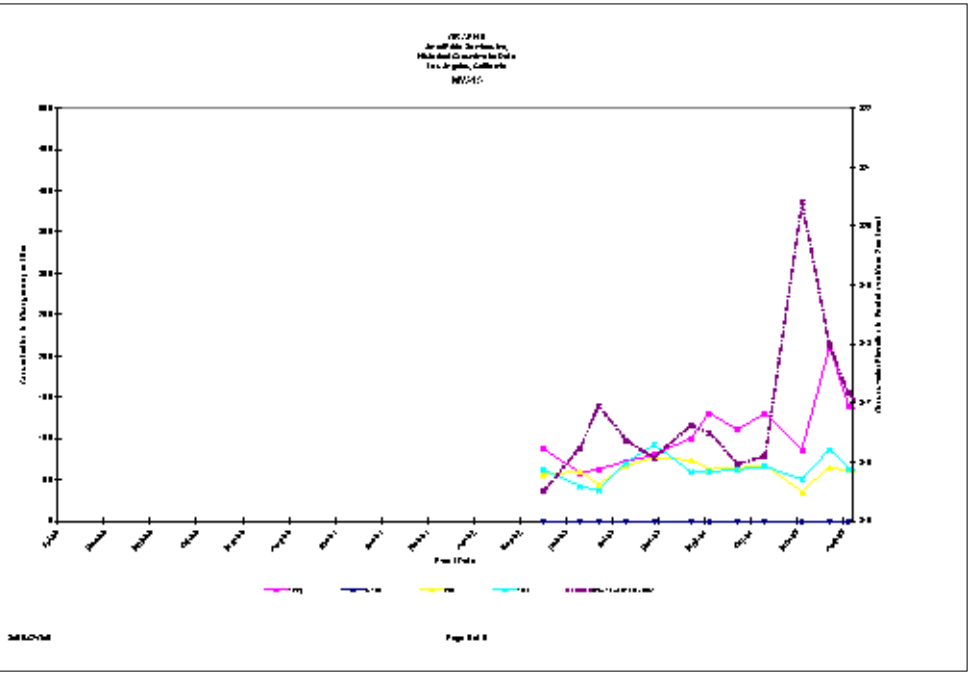












APPENDIX A
HISTORIC SOIL AND SOIL VAPOR TABLES

TABLE 2

Historical Results from Q-83 Samples,
Edgar and Pickens and Rancocas Wells
Through the Eighties

Analyte		81	82	83	84	85	86	87	88	89
Arsenic	by ICP-MS	4.2	3.8	4.1	4.5	4.3	4.0	3.9	4.4	4.1
Cadmium	by AAS-Furnace	0.31	0.28	0.33	0.29	0.34	0.31	0.27	0.30	0.32
Chromium	by ICP-MS	11.2	10.8	12.0	11.5	11.9	11.4	10.6	11.8	11.3
Copper	by ICP-MS	18.4	17.9	19.1	18.8	19.0	18.6	17.7	18.9	18.5
Lead	by ICP-MS	2.1	1.9	2.3	2.0	2.2	2.1	1.8	2.0	2.1
Mercury	by CVAA	0.04	0.03	0.05	0.04	0.04	0.05	0.03	0.04	0.04
Nickel	by ICP-MS	6.7	6.4	7.0	6.8	6.9	6.6	6.3	6.9	6.7
Selenium	by ICP-MS	1.8	1.7	1.9	1.8	1.9	1.8	1.6	1.8	1.8
Zinc	by ICP-MS	41.5	40.2	43.0	42.1	42.8	41.9	39.8	42.0	41.6
Total Coliform	by MF-Endo	12	9	14	11	13	10	8	12	11
Fecal Coliform	by MF-EC	0	0	0	0	0	0	0	0	0
Turbidity	by Nephelometer	0.18	0.21	0.17	0.19	0.16	0.20	0.22	0.18	0.17
Color	by Visual	3	3	3	3	3	3	3	3	3
Odor	by Threshold	1	1	1	1	1	1	1	1	1

NOTE: ND = not detected at the reporting limit; trace values are recorded as the numeric value but flagged in the database.

TABLE 1

Analytical Results of Groundwater Samples
from Monitoring Wells in Quarry 5

Analyte		1	2	3	4	5
Cadmium	by GFAA	0.0012	ND	0.0008	0.0021	ND
Chromium	by ICP	0.031	0.004	0.012	0.058	0.006
Lead	by GFAA	0.009	ND	0.003	0.017	ND
Mercury	by CVAA	0.0002	ND	ND	0.0004	ND
Nickel	by ICP	0.022	0.005	0.009	0.041	0.007
Zinc	by ICP	0.064	0.011	0.028	0.092	0.015
Nitrate	by IC	4.2	1.1	2.8	6.7	1.4
Chloride	by IC	18	6	11	27	7
Sulfate	by IC	31	9	22	44	12
Total Coliform	by MF	0	0	0	2	0
Fecal Coliform	by MF	0	0	0	0	0
Turbidity	by Nephelometer	0.3	0.2	0.2	0.5	0.2

THORNE ENVIRONMENTAL

TABLE 1

SOIL LABORATORY TEST RESULTS

EPA METHOD 8020 PURGEABLE AROMATICS (PPM)

Boring No. and Depth (feet)	EPA Method 8015 For TPH as Diesel (ppm)	Benzene	Chloro-benzene	1,2-Dichloro-benzene	1,3-Dichloro-Benzene	1,4-Dichloro-benzene	Ethyl-benzene	Toluene	Total Xylenes
SB-1-16		--	--	--	--	--	--	--	--
SB-1-28		--	--	--	--	--	--	--	--
SB-1-36		--	--	--	--	--	--	--	--
SB-2-12		--	--	--	--	--	53	28	160
SB-2-24		--	--	--	--	--	--	--	--
SB-2-30		--	--	--	--	--	--	--	--
SB-2-70		--	--	--	--	--	--	--	--
SB-3-16		--	--	--	--	--	--	--	--
SB-3-20		--	--	--	--	--	0.18	--	2.9
SB-3-34		--	--	--	--	--	0.44	--	13
SB-4-13		--	--	--	--	--	0.36	0.17	2.5
SB-4-20		--	--	--	--	--	--	--	--
SB-4-36		--	--	--	--	--	--	--	--
SB-4-38		--	--	--	--	--	--	--	--
SB-5-20		--	--	--	--	--	0.24	--	1.7
SB-5-34		--	--	--	--	--	--	--	--
SB-6-14		--	--	--	--	--	78	--	390
SB-6-30		--	--	11	--	--	2.3	2.5	18
SB-6-38		--	--	--	--	--	4	--	27
SB-7-10	830	--	--	--	--	--	--	--	--
SB-7-15		--	--	--	--	--	--	--	--
SB-7-28		--	--	--	--	--	--	--	--
SB-8-15		--	--	--	--	--	--	--	--
SB-8-30		--	--	--	--	--	--	--	--
SB-8-37		--	--	--	--	--	--	--	--
SB-8-60		--	--	--	--	--	--	--	--
SB-9-15		--	--	--	--	--	--	--	--
SB-9-27		--	--	--	--	--	--	--	--
SB-9-68		--	--	--	--	--	--	--	--
SB-10-20		--	--	--	--	--	--	--	--
SB-10-25		--	--	--	--	--	--	--	--
SB-10-29		--	--	--	--	--	--	--	--
SB-11-8									
SB-11-16									
SB-11-30									
SB-11-35		--	--	--	--	--	--	--	--
SB-13-81									
SB-12-15									
SB-12-30									
SB-12-38		--	--	--	--	--	--	--	--
SB-12-50		--	--	--	--	--	--	--	--
SB-13-30									
SB-13-36		--	--	--	--	--	--	--	--
SB-13-50									
SB-13-59									
SB-14-15									
SB-14-26		--	--	--	--	--	--	--	--
SB-14-38									
SB-15-13									
SB-15-24		--	--	--	--	--	--	--	37
SB-15-50									
SB-16-18									
SB-16-26		--	--	--	--	--	--	--	180
SB-16-30									
SB-17-13									
SB-17-30	--								
SB-17-16	740	--	--	--	--	--	--	--	1.7
SB-17-60									
SB-17-73									
SB-18-9									
SB-18-17		--	--	--	--	--	--	--	--
SB-18-25		--	--	--	--	--	--	--	--
SB-18-29		--	--	--	--	--	--	--	--
SB-19-15		--	--	--	--	--	--	--	--

TBI-1021
LD3

TABLE 1 (CONTINUED)

SOIL LABORATORY TEST RESULTS

EPA METHOD 8020 PURGEABLE AROMATICS (PPM)

Boring No. and Depth (feet)	EPA Method 8015 For TPH as Diesel (ppm)	Benzene	Chloro-benzene	1,2-Dichloro-benzene	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Ethyl-benzene	Toluene	Total Xylenes
SB-19-24		--	--	--	--	--	--	--	--
SB-19-28		--	--	--	--	--	--	--	--
SB-19-33		--	--	--	--	--	--	--	--
SB-20-25		--	--	--	--	--	--	--	--
SB-20-40		--	--	--	--	--	--	--	--
SB-20-70		--	--	--	--	--	--	--	--
SB-21-15		--	--	--	--	--	--	--	--
SB-21-24		--	--	--	--	--	--	--	--
SB-21-30		--	--	--	--	--	--	--	--
SB-21-36		--	--	--	--	--	--	--	--
SB-21-70		--	--	--	--	--	--	--	--
SB-22-9,11,23	--								
SB-22-60,70	--								
SB-23-8	27, 450 (LEAD)	--	--	--	--	--	--	--	--
SB-23-30	9, 2 (LEAD)	--	--	--	--	--	--	--	--
SB-23-38	20								
SB-23-29	--								
C2	100								
SB-1A		--	--	--	--	--	--	--	--
SB-2A		--	--	--	--	--	--	--	--
B1		--	--	--	--	--	--	--	--

-- = Not Detected

TPH = Total Petroleum Hydrocarbons

C2 = Sample from beneath Clarifier Excavation

SB-1A,2A = Samples from beneath Tetrachloroethene tanks

B1 = Sample from beneath brine pit

TBI-1021
LD3

THORNE ENVIRONMENTAL

TABLE 2

SOIL LABORATORY TEST RESULTS

Boring No. and Depth (feet)	EPA METHOD 8015 FOR GASOLINE AND DIESEL (ppm)		EPA METHOD 8010 PURGEABLE HALOCARBONS* (ppm)					
	Gasoline	Diesel	Tetrachloroethene	1,2-Dichlorobenzene	1,2-Dichloroethane	Trichloroethene	1,1,1-Trichloroethane	Trichlorofluoromethane
SB-1-15	--	--						
SB-1-25	--	--						
SB-1-35	6000	--						
SB-2-15	--	--						
SB-2-24	--	--						
SB-2-30	--	--						
SB-2-39	--	--						
SB-3-15	1400	--						
SB-3-20	140	--						
SB-3-34	140	--						
SB-4-15	--	--						
SB-4-30	--	--						
SB-4-35	--	--						
SB-4-40	110	--						
SB-4-10	13	--						
SB-5-34	3800	--						
SB-6-14	--	--						
SB-6-30	--	--						
SB-6-55	--	--						
SB-7-10								
SB-7-15	--	2800	44	--	--	1	--	
SB-7-29	--	3800	430	--	0.12	80	--	--
SB-8-15	--	--	0.011	--	--	--	--	--
SB-8-20	--	--	0.006	--	--	--	--	--
SB-8-27	--	22mb	27	--	--	1.1	--	--
SB-8-30			0.048	--	--	--	--	--
SB-9-25	--	--						
SB-9-27	--	--	--	--	--	--	--	--
SB-9-68	--	--	--	--	--	--	--	--
SB-10-20			0.31	--	--	--	--	--
SB-10-25			0.10	--	--	--	--	--
SB-10-35			--	--	--	--	--	--
SB-11-9			15	--	--	--	--	--
SB-11-15			2.5	--	--	--	--	--
SB-11-20			0.22	--	--	--	--	--
SB-11-26			2.6	--	--	--	--	--
SB-11-33			25	--	--	--	--	--
SB-12-15			--	--	--	--	--	--
SB-12-20			--	--	--	--	--	--
SB-12-30			--	--	--	--	--	--
SB-13-10			7.9	--	0.11	--	0.14	--
SB-13-20			700	--	--	--	--	--
SB-13-30			110	--	--	--	--	--
SB-15-60			--	--	--	--	--	--
SB-14-15			--	--	--	--	--	--
SB-14-25			430	--	--	--	--	--
SB-14-30			110	--	--	--	--	--
SB-15-15			61	--	--	1.9	--	--
SB-15-25			1500	--	--	--	--	--
SB-15-30			980	--	--	2.7	--	--
SB-16-10			2050	--	--	5.5	--	--
SB-16-15			460	--	--	11	--	--
SB-16-25			250	--	--	38	--	--
SB-16-29			1800	--	--	52	--	--
SB-27-15			--	--	--	--	--	--
SB-17-20								
SB-17-25			1	--	--	--	--	--
SB-17-29			--	--	--	--	--	--
SB-17-35			--	--	--	--	--	--
SB-18-9			9.3	--	--	--	--	--
SB-18-17			69	--	--	0.009	--	0.007
SB-18-25			110	--	0.33	4	--	--

TB2-1021
LDS

THORNE ENVIRONMENTAL

TABLE 2 (CONTINUED)

SOIL LABORATORY TEST RESULTS

Boring No. and Depth (feet)	EPA METHOD 8015 FOR GASOLINE AND DIESEL (ppm)		EPA METHOD 8010 PURGEABLE HALOCARBONS* (ppm)					
	Gasoline	Diesel	Tetrachloroethane	1,2-Dichlorobenzene	1,2-Dichloroethane	Trichloroethene	1,1,1-Trichloroethane	Trichlorofluoromethane
SB-19-29			14	--	1	4.5	--	--
SB-19-18			418	--	--	--	--	--
SB-19-24			1300	--	--	--	--	--
SB-19-29			58000	--	--	--	--	--
SB-20-13			1100	--	--	--	--	--
SB-20-28			34	--	--	5	--	--
SB-20-40			--	--	--	--	--	--
SB-20-70			--	--	--	--	--	--
SB-21-15			1300	--	--	--	--	--
SB-21-24			450	--	--	--	--	--
SB-21-30			2100	--	--	--	--	--
SB-21-39			--	--	--	4.1	--	--
SB-21-70			--	--	--	--	--	--
SB-22-9,15,22			--	--	--	--	--	--
SB-22-40,70			--	--	--	--	--	--
SB-23-8			--	--	--	--	--	--
SB-23-20			--	--	--	--	--	0.016
SB-23-16			--	--	--	--	--	--
SB-23-25								
C2			0.130	--	--	--	--	--
SB-1A	130		27	--	--	--	--	--
SB-2A	12		1.7	--	--	--	--	--
B1			0.20	--	--	--	--	--

-- = Not Detected

TPH = Total Petroleum Hydrocarbons

C2 = Sample from beneath Clarifier Excavation

SB-1A,2A = Samples from beneath tetrachloroethene tank excavation

B1 = Sample from beneath brine pit excavation

* All purgeable halocarbons not detected in any of the tested samples are not listed.

SB-23-1 and 30 feet tested non-detected for PCBs by EPA Method 8080.

TB1-1021
LDS

TABLE 2

SOIL TEST RESULTS

Monitoring Well	Depth	EPA METHOD 8015 (mg/kg) Gasoline	Mineral Spirits	Kerosene	Diesel Fuel	Heavy Hydrocarbons	EPA METHOD 8010/8020 (ug/kg) Toluene
MW-8 @	25.5	ND	ND	ND	ND	ND	ND
MW-9A @	10	ND	ND	ND	ND	ND	ND
	15	ND	ND	ND	ND	ND	ND
	20	ND	ND	ND	ND	ND	ND
	30	ND	ND	ND	ND	ND	ND
	39	ND	ND	ND	ND	ND	ND
MW-9B @	35	ND	ND	ND	ND	ND	ND
MW-10A @	10	ND	ND	ND	ND	ND	1.1
	60	NA	NA	NA	NA	NA	ND
Detection Limit		10	10	10	10	100	ND 1

ND = Not Detected

NA = Not Analyzed

Constituents not selected in any of the samples tested are not listed.

1E-1031.THR

TABLE 4

FREE PRODUCT REMOVAL DATA

Monitoring Well	Date	Measured Free Product Thickness (inches)	Amount of Free Product Removed (gallons)	Total Removed (gallons)
MW-1	8/16/89	0.30	1.0	1
	8/29/89	0.36	0.50	1.50
	9/6/89	<0.10	0.50	2.00
	9/15/89	<0.10	0.50	2.50
	9/21/89	<0.10	0.50	3.00
	10/2/89	<0.10	0.50	3.50
	10/26/89	0.25	7.0	10.50
	3/6/90	2.0	0.50	11.00
	3/27/90	0.20	6.0	17.00
MW-3	8/16/89	0.80	2.0	2.0
	8/29/89	2.40	2.0	4.0
	9/6/89	1.15	2.5	6.5
	9/15/89	2.20	4.0	10.5
	9/21/89	2.00	3.0	13.5
	10/2/89	2.40	3.0	16.5
	10/26/89	2.00	7.0	23.5
	3/6/90	NA	NA	23.5
	3/27/90	NA	NA	23.5
MW-4	8/16/89	1.90	3.0	3.0
	8/29/89	3.60	3.0	6.0
	9/6/89	2.00	1.5	7.5
	9/15/89	2.20	5.0	12.5
	9/21/89	2.00	4.0	16.5
	10/2/89	2.40	3.0	19.5
	10/26/89	2.00	7.0	26.5
	3/6/90	5.00	3.0	29.5
	3/27/90	1.50	14.0	43.5
MW-5	8/16/89	<0.10	0.50	0.5
	8/29/89	<0.10	0.50	1.0
	9/6/89	<0.10	0.25	1.25
	9/15/89	<0.10	0.50	1.75
	9/21/89	<0.10	0.50	2.25
	10/2/89	<0.10	0.50	2.75
	10/26/89	0	0	2.75
	3/6/90	0	0	2.75
	3/27/90	0	0	2.27

1E-1021.TBL

TABLE 4 (Continued)

FREE PRODUCT REMOVAL DATA

Monitoring Well	Date	Measured Free Product Thickness (inches)	Amount of Free Product Removed (gallons)	Total Removed (gallons)
MW-6	8/16/89	2.25	2.5	2.5
	8/29/89	1.92	2.5	5.0
	9/6/89	0.40	1.0	6.0
	9/15/89	0.10	0.50	6.5
	9/21/89	0.50	1.0	7.5
	10/2/89	0.30	0.50	8.0
	10/26/89	5.00	7.00	15.0
	3/6/90	9.50	3.0	18.0
	3/27/90	1.50	9.0	27.00
MW-7	8/16/89	0	0	0
	8/29/89	0	0	0
	9/6/89	0.45	0.50	0.50
	9/15/89	0.30	0.50	1.00
	9/21/89	0.25	0.75	1.75
	10/2/89	<0.10	0.25	2.00
	10/26/89	0.25	5.00	7.00
	3/6/90	0.70	1.50	8.50
	3/27/90	0.50	4.00	12.50
K-1	8/16/89	5.10	10.0	10.0
	8/29/89	3.60	1.0	11.0
	9/6/89	1.80	0.5	11.5
	9/15/89	2.70	2.5	13.0
	9/21/89	1.25	2.0	15.0
	10/2/89	3.10	0.75	15.75
	10/26/89	8.0	7.0	22.75
	3/6/90	3.6	0.5	23.25
	3/27/90	1.0	0.5	23.75
K-2	8/16/89	0.70	0.50	0.50
	8/29/89	1.20	0.50	1.0
	9/6/89	0.90	0.50	1.5
	9/15/89	1.00	0.50	2.0
	9/21/89	0.90	0.50	2.5
	10/2/89	0.80	0.50	3.0
	10/26/89	1.0	7.0	10.0
	3/6/90	<0.10	0.25	10.25
	3/27/90	0	0	10.25
Total Free Product Removed				160.25 G.

NA = Not Accessible

Wells not listed did not contain any free product during the removal time period.

1E-1021.TBL

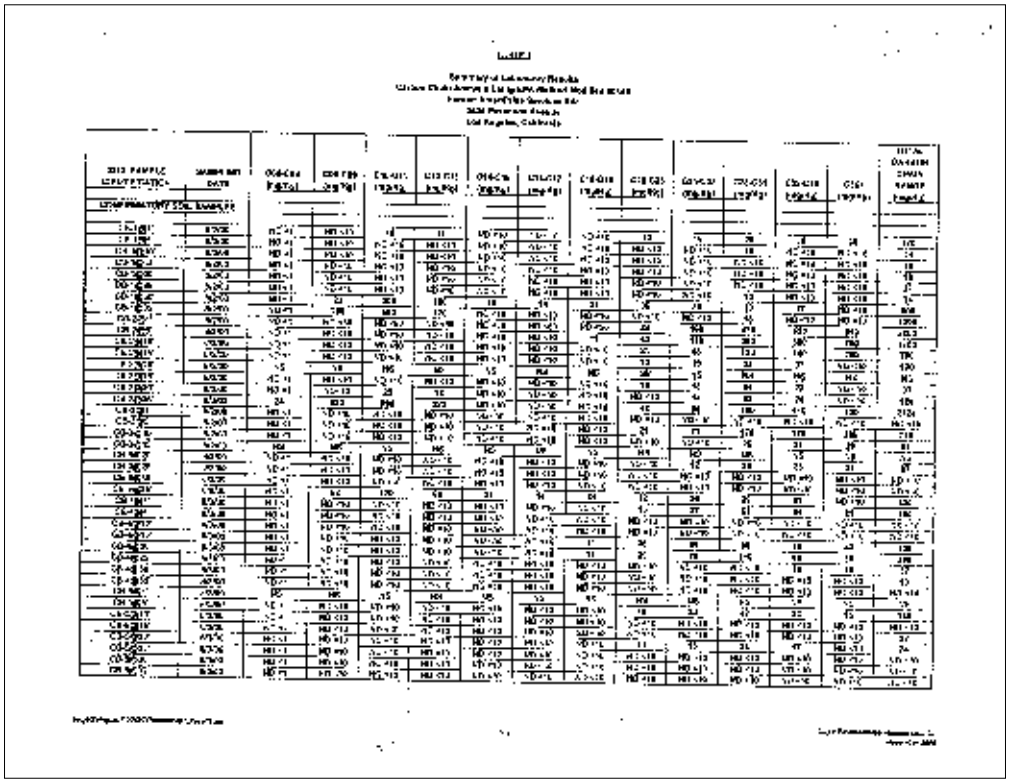
TABLE 3

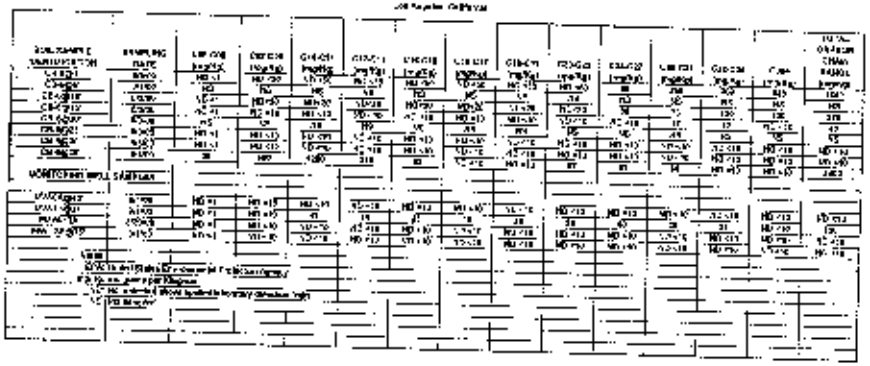
RESULTS OF LABORATORY ANALYSES OF SOIL SAMPLES
Former American Linen Facility
3565 Pasadena Avenue
Los Angeles, California

SAMPLE NO.	DATE SAMPLED	TPH-g (mg/kg)	TPH-d (mg/kg)	TPH-mo (mg/kg)	DCM (mg/kg)	PCE (mg/kg)
SB 28-20'	8/13/91	< 100	400	< 10	NA	NA
SB 28-25'	8/13/91	< 100	400	< 10	0.1	< 0.1
SB 28-33'	8/13/91	< 100	350	< 10	0.11	< 0.1
SB 29-10'	8/20/91	< 0.2	< 10	33	< 0.004	< 0.002
SB 29-30'	8/20/91	< 0.2	11	53	< 0.4	< 0.2
SB 30-5'	8/6/91	NA	10	53	< 0.002	0.023
SB 30-15'	8/6/91	NA	23	125	< 0.002	0.022
SB 30-30'	8/6/91	NA	12	62	< 0.002	0.014

NOTES:

TPH-g: Total petroleum hydrocarbons as gasoline
TPH-d: Total petroleum hydrocarbons as diesel
TPH-mo: Total petroleum hydrocarbons as motor oil
DCM: Dichloromethane
PCE: Tetrachloroethene
<: Results less than the stated detection limit
NA: Not Analyzed
mg/kg: Milligrams per kilogram





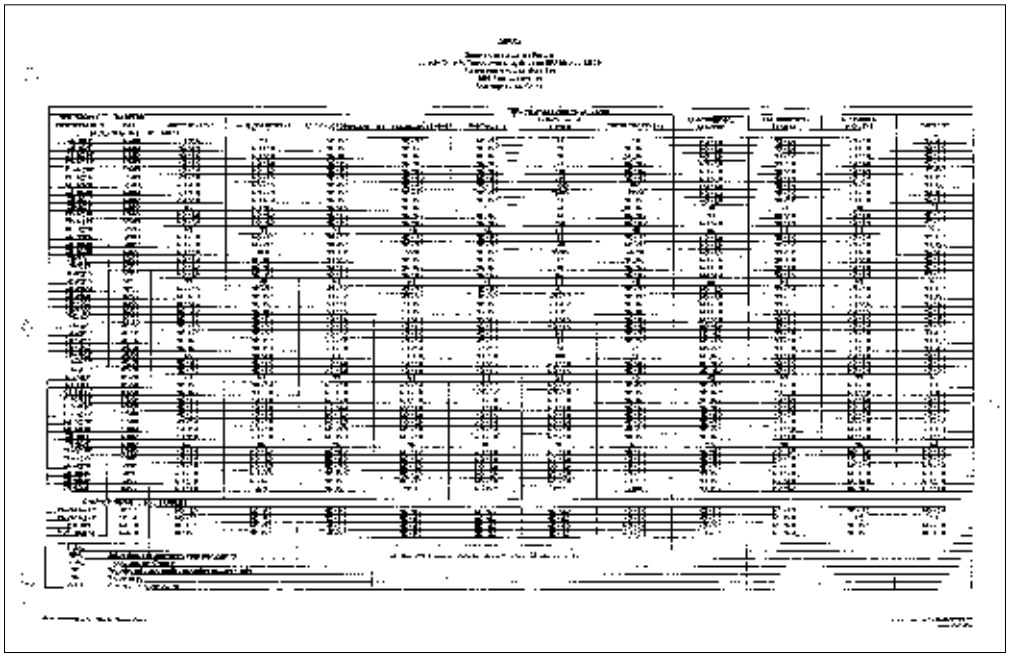


TABLE 1

SOIL GAS SURVEY RESULTS
Former Welch's Uniform Facility
3505 Pasadena Avenue
Los Angeles, California

Soil Gas Point	Date Analyzed	Depth of Probe	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	MTBE (µg/L)	Other Compounds (µg/L)
SV-1-10	11/27/01	10'	ND<1	ND<1	ND<1	ND<1	ND<1
SV-2-10	11/27/01	10'	ND<1	ND<1	ND<1	ND<1	ND<1
SV-3-10	11/27/01	10'	ND<1	ND<1	ND<1	ND<1	ND<1
SV-4-10	11/27/01	10'	ND<1	ND<1	ND<1	ND<1	ND<1
SV-5-10	11/27/01	10'	ND<1	ND<1	ND<1	ND<1	ND<1
SV-6-8	11/27/01	8'	ND<1	ND<1	ND<1	ND<1	ND<1
SV-7-10	11/27/01	10'	ND<1	ND<1	ND<1	ND<1	ND<1
SV-8-8	11/27/01	8'	ND<1	ND<1	ND<1	ND<1	ND<1
SV-9-10	11/27/01	10'	ND<1	ND<1	ND<1	ND<1	ND<1
SV-10-10	11/28/01	10'	260	16.3	ND<1	ND<1	ND<1
SV-11-10	11/27/01	10'	ND<1	ND<1	ND<1	ND<1	ND<1
SV-12-8	11/27/01	8'	ND<1	ND<1	ND<1	ND<1	ND<1
SV-13-10	11/27/01	10'	ND<1	ND<1	ND<1	ND<1	ND<1
SV-14-8	11/27/01	8'	ND<1	ND<1	ND<1	ND<1	ND<1
SV-15-10	11/27/01	10'	ND<1	ND<1	ND<1	ND<1	ND<1
SV-16-10	11/27/01	10'	ND<1	ND<1	ND<1	ND<1	ND<1
SV-17-10	11/27/01	10'	ND<1	ND<1	ND<1	ND<1	ND<1
SV-18-10	11/28/01	10'	ND<1	ND<1	ND<1	ND<1	ND<1
SV-19-8	11/28/01	8'	ND<1	ND<1	ND<1	ND<1	ND<1
SV-20-8	11/28/01	8'	ND<1	ND<1	ND<1	ND<1	ND<1
SV-21-10	11/28/01	10'	ND<1	ND<1	ND<1	ND<1	ND<1
SV-22-10	11/28/01	10'	ND<1	ND<1	ND<1	ND<1	ND<1
SV-23-10	11/28/01	10'	ND<1	ND<1	ND<1	ND<1	ND<1
SV-24-8	11/28/01	8'	ND<1	1.5	ND<1	ND<1	ND<1
SV-25-10	11/28/01	10'	2.2	2.7	ND<1	ND<1	ND<1
SV-26-8	11/28/01	8'	1.1	ND<1	ND<1	ND<1	ND<1
SV-27-8	11/28/01	8'	2.1	ND<1	ND<1	ND<1	ND<1
SV-28-8	11/28/01	8'	ND<1	ND<1	ND<1	ND<1	ND<1
SV-29-10	11/28/01	10'	1.8	ND<1	ND<1	ND<1	ND<1
SV-30-10	11/28/01	10'	9.7	4.3	1.6	ND<1	ND<1

TABLE 1

SOIL GAS SURVEY RESULTS
Former Welch's Uniform Facility
3505 Pasadena Avenue
Los Angeles, California

Soil Gas Point	Date Analyzed	Depth of Probe	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	MTBE (µg/L)	Other Compounds (µg/L)
SV-31-8	11/28/01	8'	5.0	4.6	3.2	ND<1	ND<1
SV-32-8	11/28/01	8'	15	7.6	1.2	ND<1	ND<1
SV-33-10	11/28/01	10'	11	2.8	1.1	ND<1	ND<1
SV-34-10	11/28/01	10'	5.4	1.2	ND<1	ND<1	ND<1
SV-35-6	11/29/01	6'	4.1	1.1	ND<1	1.1	ND<1
SV-36-6	11/29/01	6'	11	ND<1	ND<1	ND<1	ND<1
SV-37-6	11/29/01	6'	19	2.6	ND<1	ND<1	ND<1
SV-38-6	11/29/01	6'	ND<1	ND<1	ND<1	ND<1	ND<1
SV-39-5.5	11/29/01	5.5'	22	ND<1	ND<1	ND<1	ND<1
SV-40-4	11/29/01	4'	ND<1	ND<1	ND<1	ND<1	ND<1
SV-41-5	11/29/01	5'	ND<1	ND<1	ND<1	ND<1	ND<1
SV-42-4.5	11/29/01	4.5'	ND<1	ND<1	ND<1	ND<1	ND<1
SV-43-7.5	11/29/01	7.5'	ND<1	ND<1	ND<1	ND<1	ND<1
SV-44-10	11/29/01	10'	8.8	ND<1	ND<1	ND<1	ND<1

Notes:

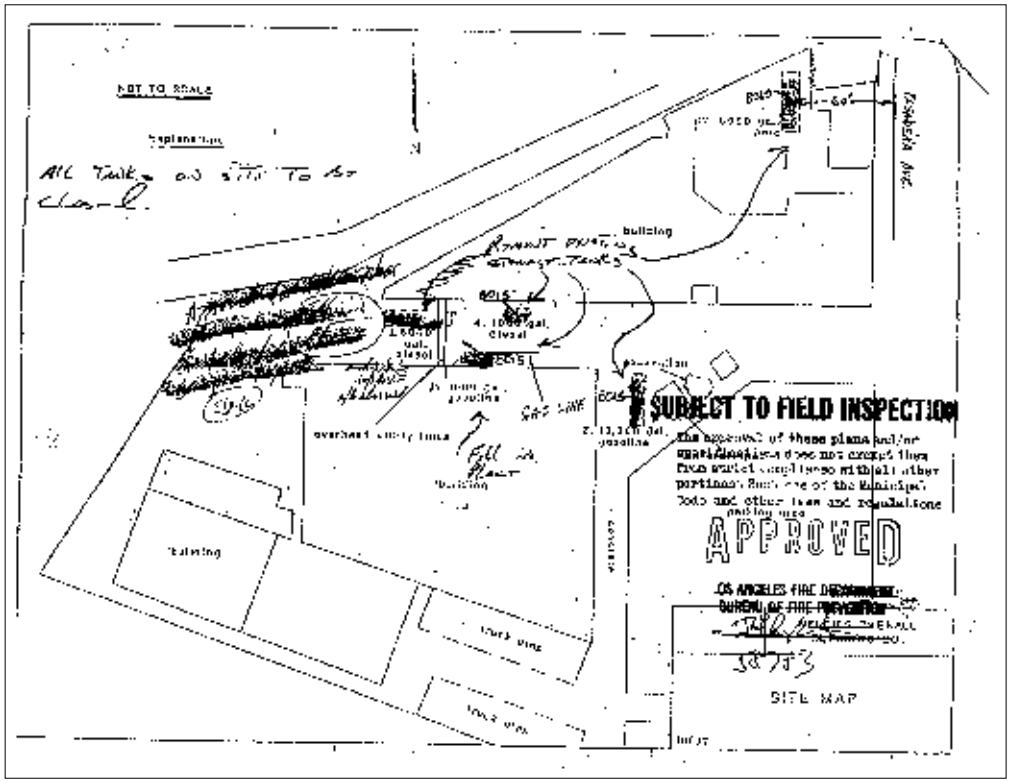
ND<1 = Not Detected above the indicated reporting limit for the particular compound in the sample

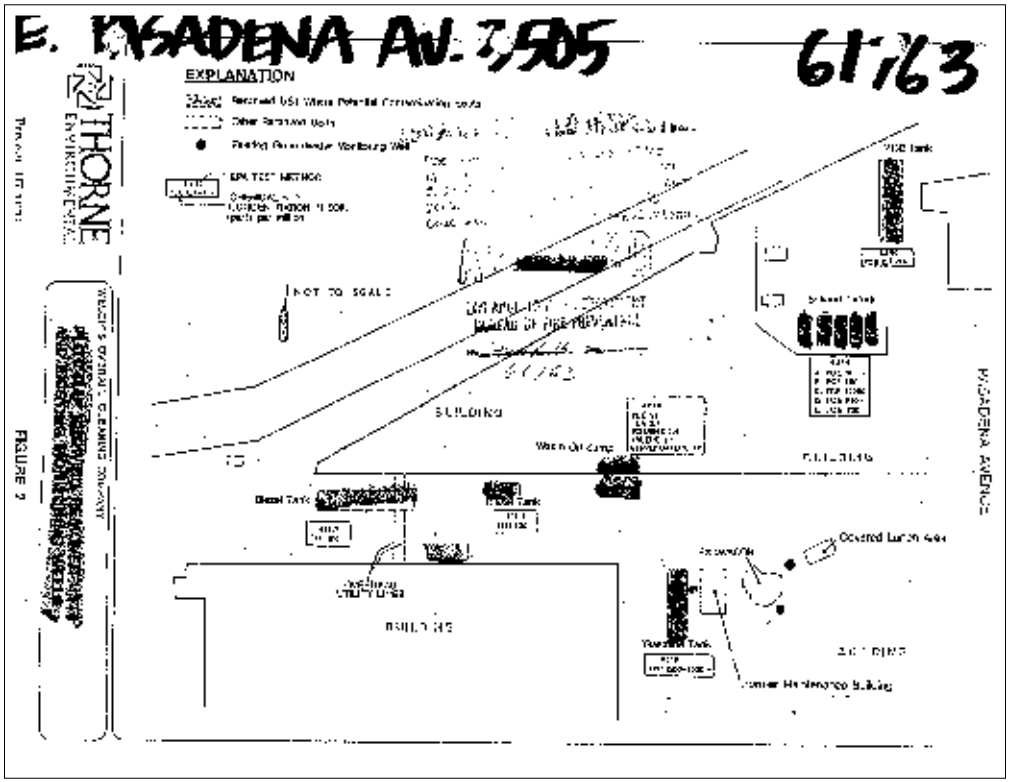
PCE = Tetrachloroethene
TCE = Trichloroethene
cis-1,2-DCE = cis-1,2-dichloroethene
MTBE = Methyl Tertiary Butyl Ether

All soil gas samples analyzed by HP Labs mobile laboratory by U.S. EPA Method 8260, see HP Labs' report for list of other compounds analyzed.

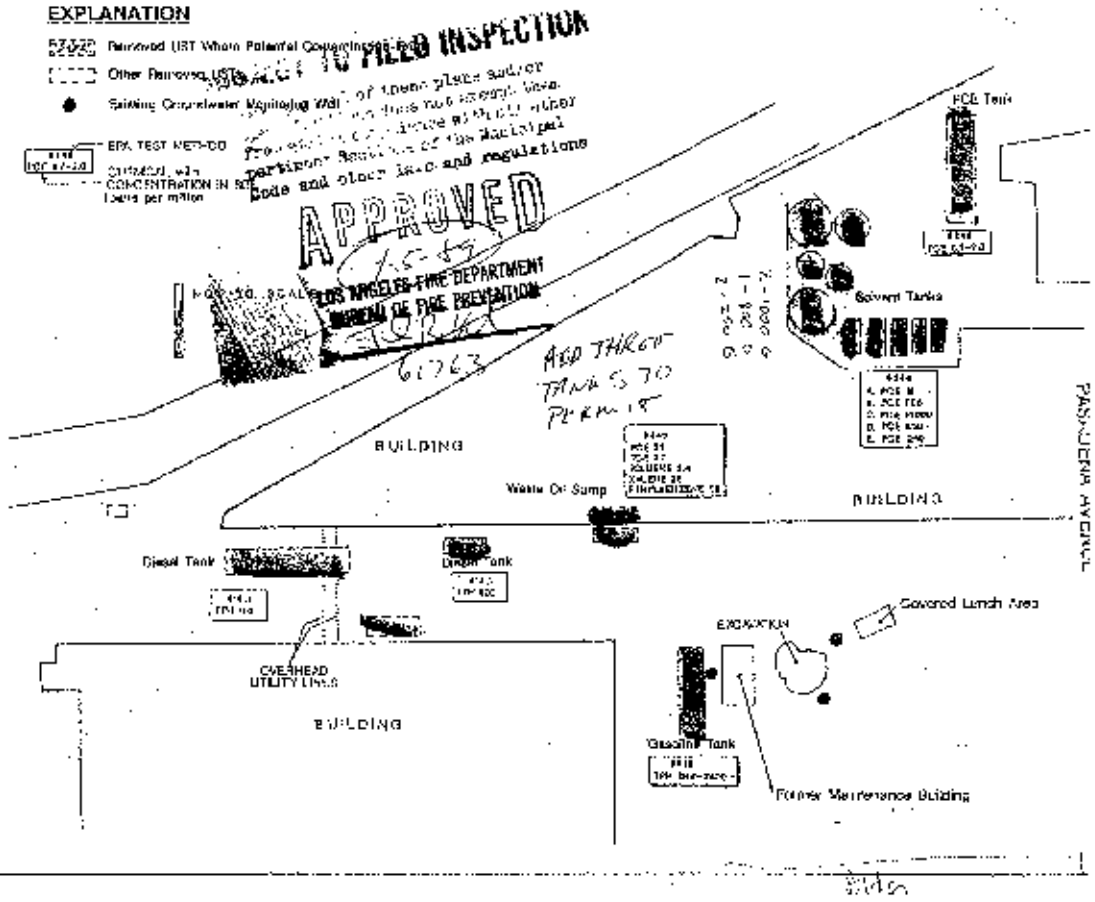
ENSR

APPENDIX B
HISTORIC FIGURES


NOT TO SCALE
Explanation
All Tanks on site To Be Removed
Pasadena Ave.
Permit Plans
Existing Tanks
building
4,000 gal. Diesel
2,000 gal. gasoline
Property line
Fill in Place
Building
Building
Truck Wash
SUBJECT TO FIELD INSPECTION
The approval of these plans and/or specifications does not exempt them from strict compliance with all other pertinent Sections of the Municipal Code and other laws and regulations
APPROVED
LOS ANGELES FIRE DEPARTMENT
BUREAU OF FIRE PREVENTION
SITE MAP


E. PASADENA AV. 7505
61163
THORNE ENVIRONMENTAL
EXPLANATION
NOT TO SCALE
LOS ANGELES FIRE DEPARTMENT
BUREAU OF FIRE PREVENTION
61163
BUILDING
Diesel Tank
Diesel Tank
Waste Oil Tank
Covered Lunch Area
Generator
Generator Building
PASADENA AVENUE
FIGURE 2

3585 E. PASADENA



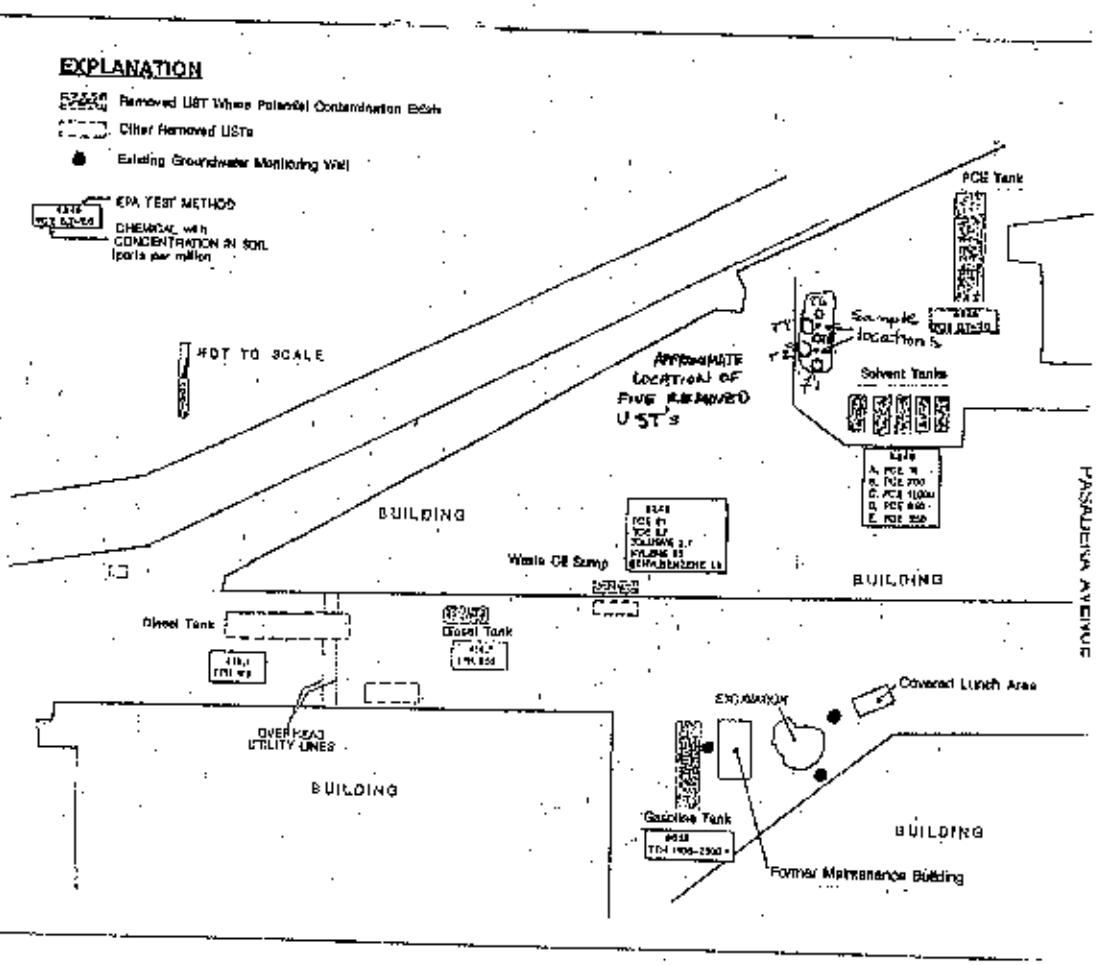
THORNE ENVIRONMENTAL

Project 1E-1021

WELCH'S OVERALL CLEANING COMPANY

PLOT MAP SHOWING REMOVED USTs AND EXISTING MONITORING WELLS

FIGURE 2



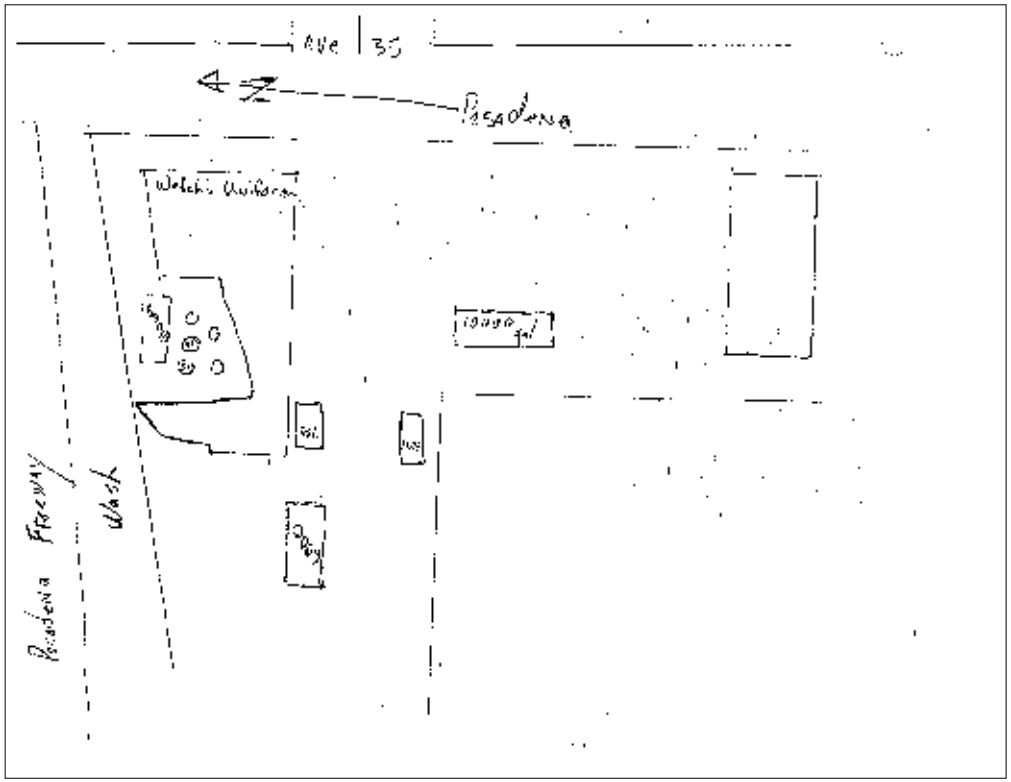
THORNE ENVIRONMENTAL

Project 1E-1021

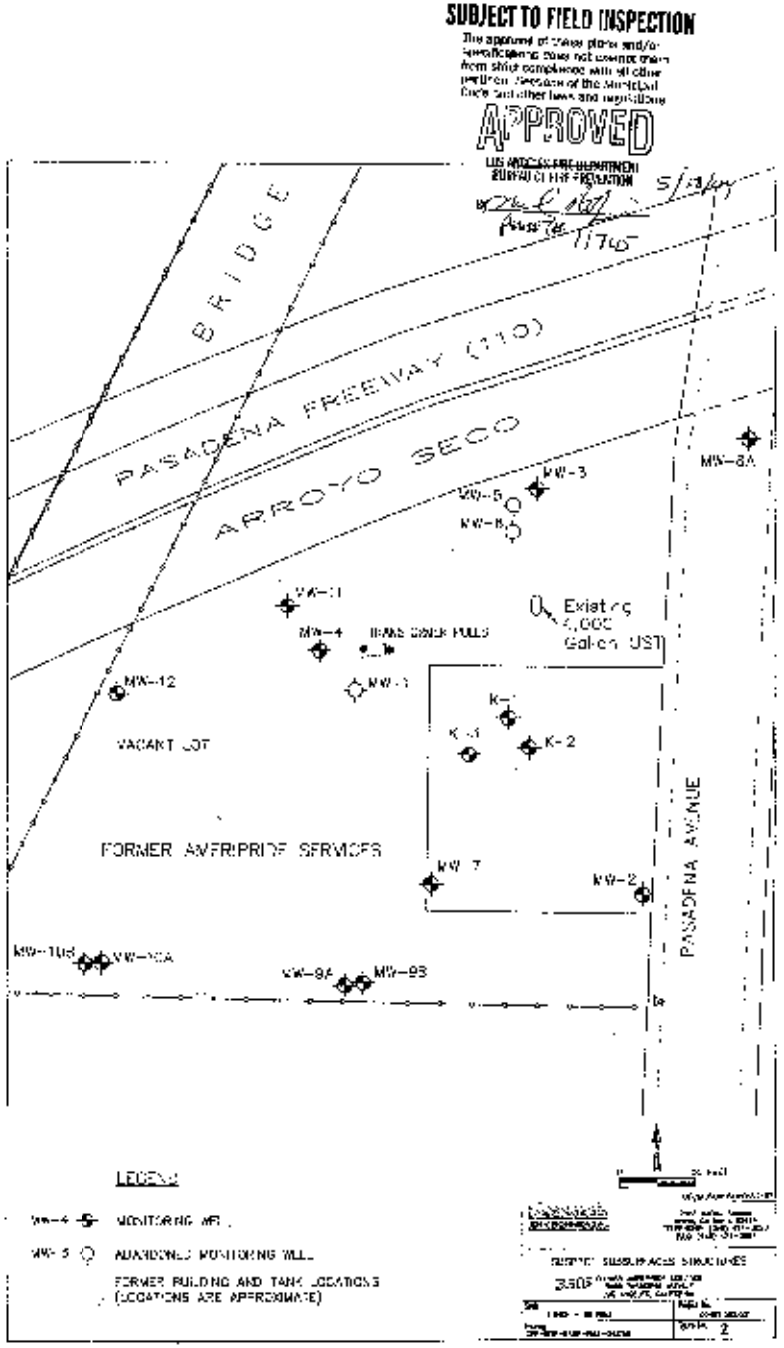
WELCH'S OVERALL CLEANING COMPANY

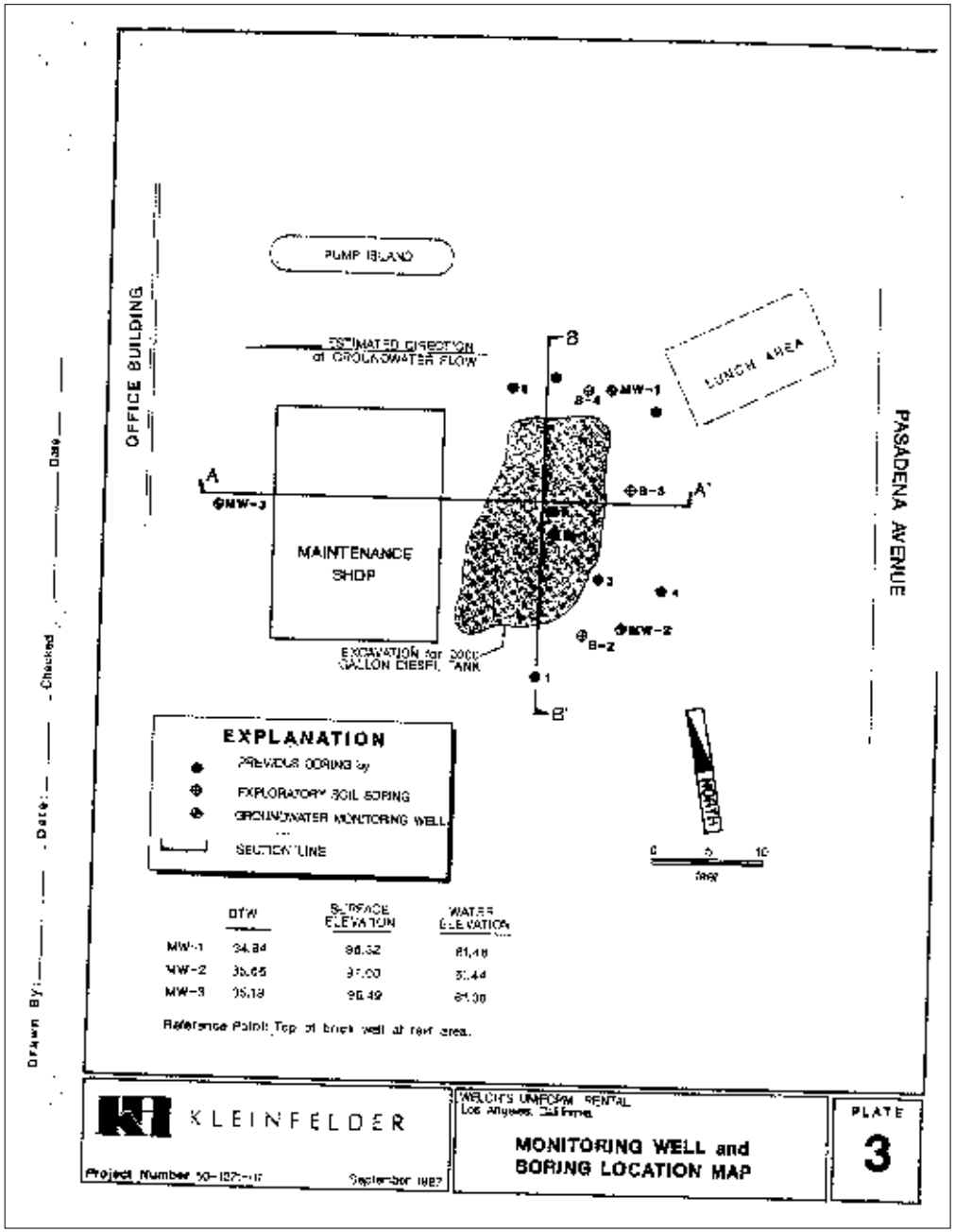
PLOT MAP SHOWING REMOVED USTs AND EXISTING MONITORING WELLS

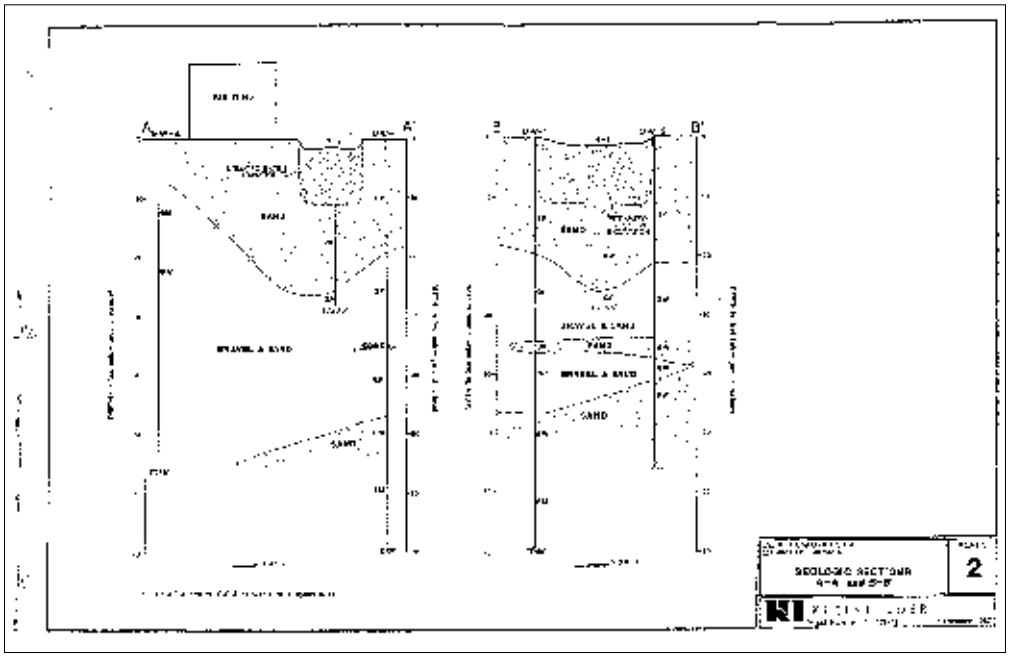
FIGURE 2

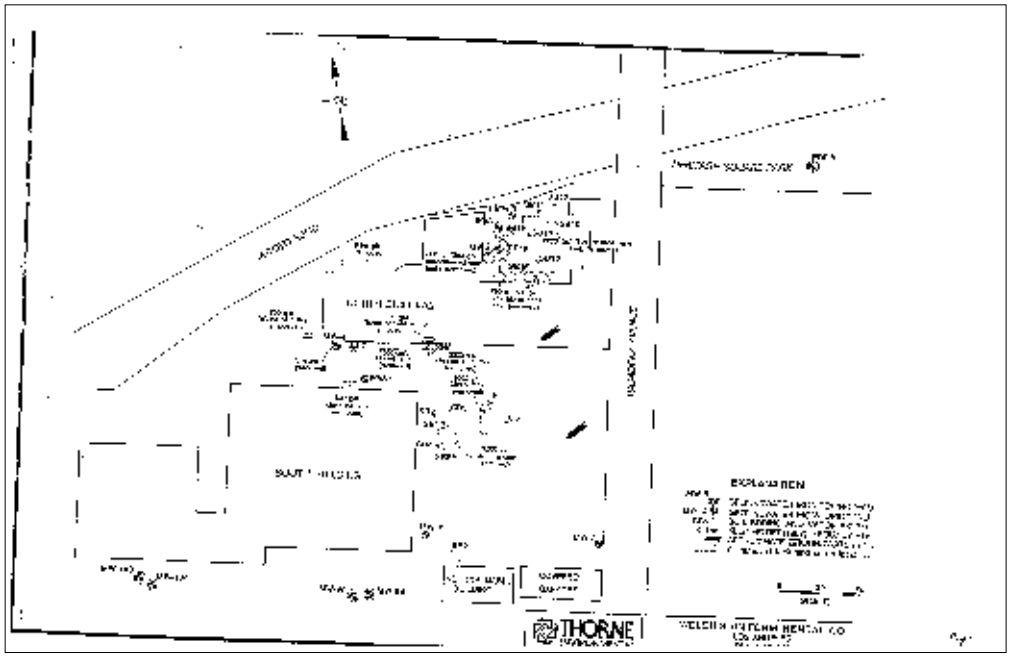


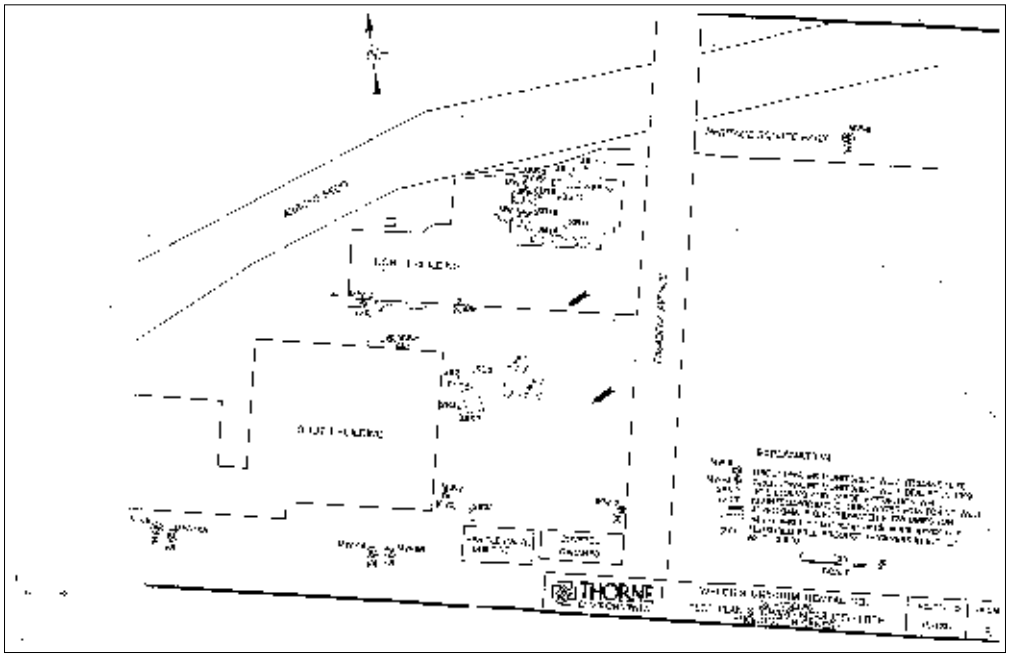
Copies of above
(former Averitt Service site with AM pipeline etc.

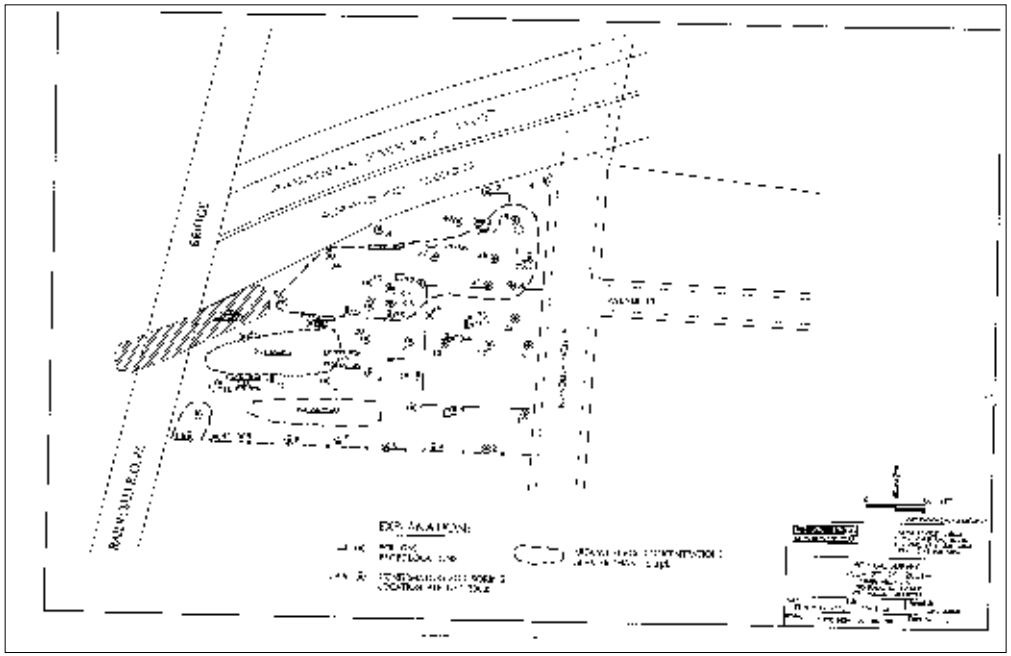



OFFICE BUILDING
PUMP ISLAND
ESTIMATED DIRECTION of GROUNDWATER FLOW
LUNCH AREA
PASADENA AVENUE
MAINTENANCE SHOP
EXCAVATION for 2000 GALLON DIESEL TANK
A
A'
B
B'
MW-1
MW-2
MW-3
B-1
B-2
B-3
B-4
EXPLANATION
PREVIOUS BORING by
EXPLORATORY SOIL BORING
GROUNDWATER MONITORING WELL
SECTION LINE
NORTH
0
5
10
Feet
DTW
SURFACE ELEVATION
WATER ELEVATION
MW-1 34.84 96.32 61.48
MW-2 35.65 97.09 61.44
MW-3 35.19 96.49 61.30
Reference Point: Top of brick well at rear area.
KLEINFELDER
Project Number 50-127-11
September 1987
WELCH'S UNIFORM RENTAL
Los Angeles, California
MONITORING WELL and BORING LOCATION MAP
PLATE
3
Drawn By: Date: Checked Date

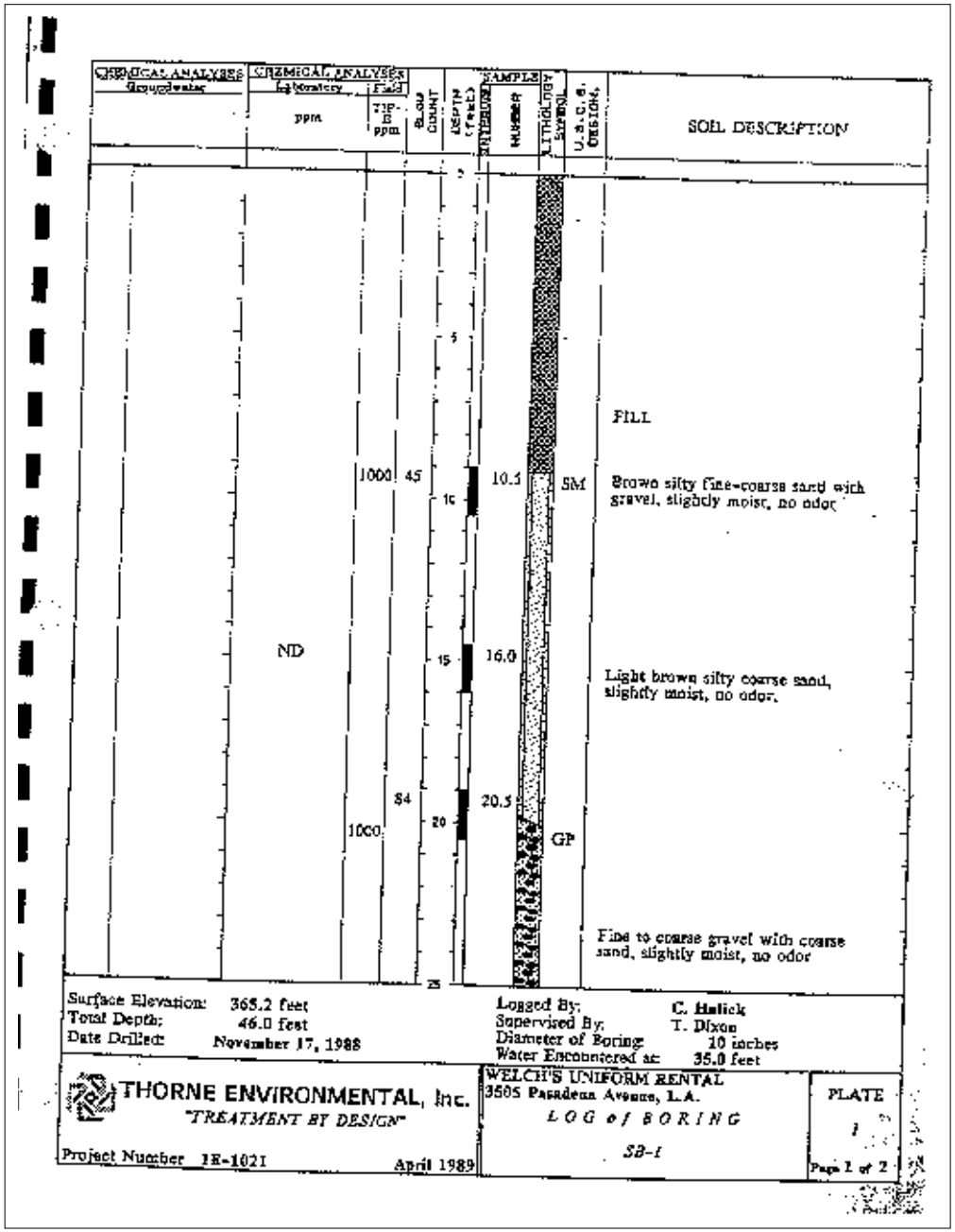

A
A'
B
B'
SAND
GRAVEL & SAND
SILT
CLAY
GEOLOGIC SECTION
PLATE
2

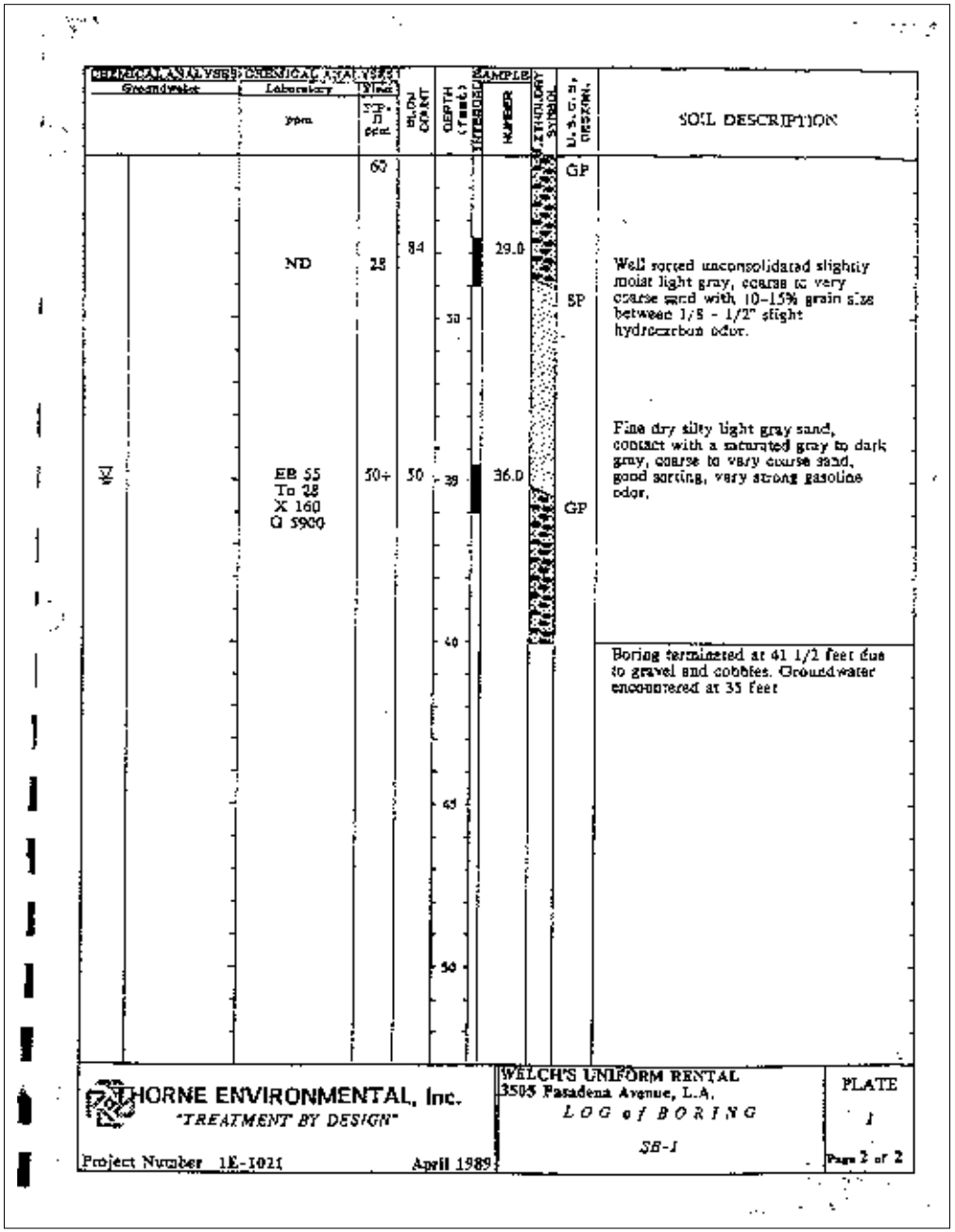


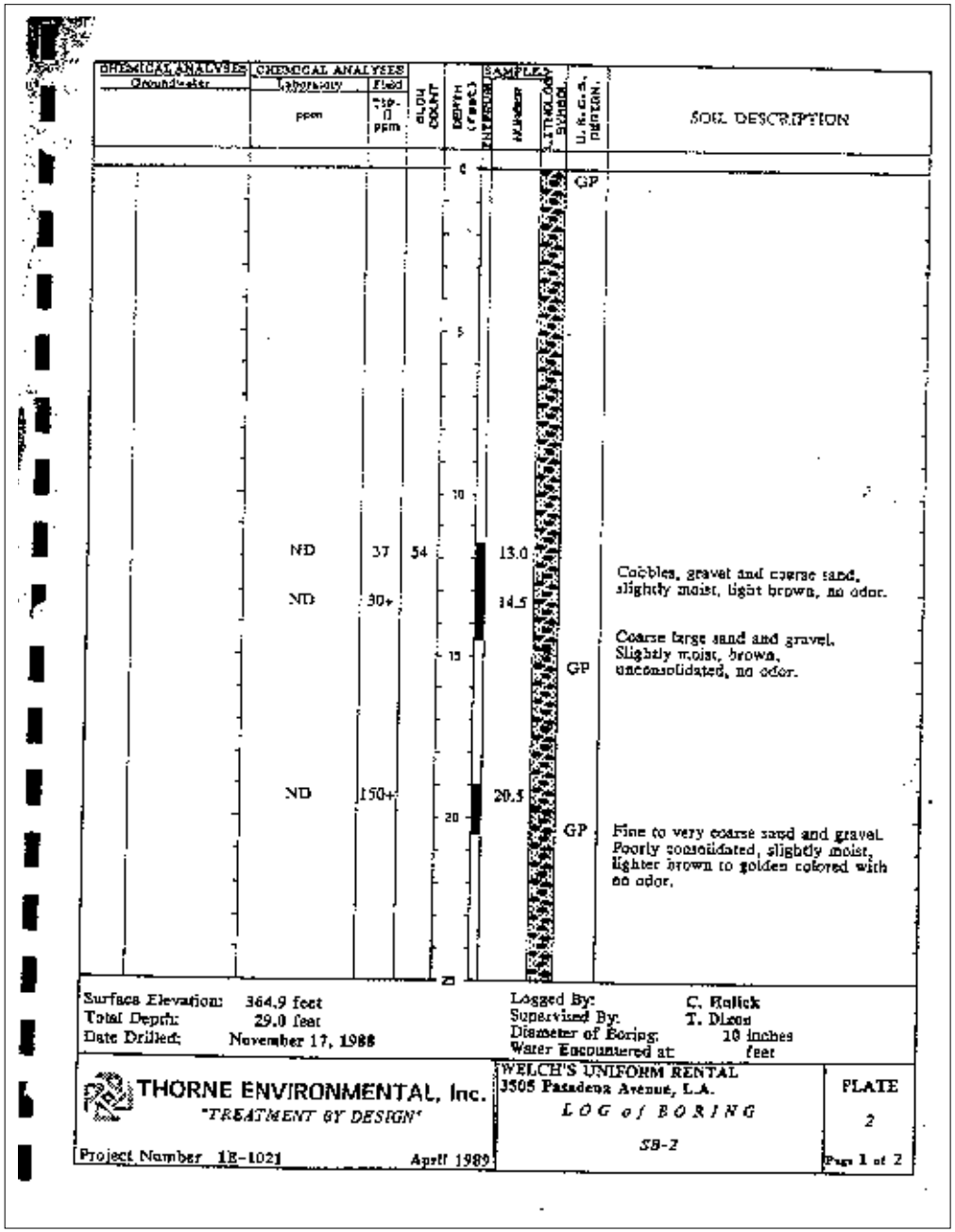


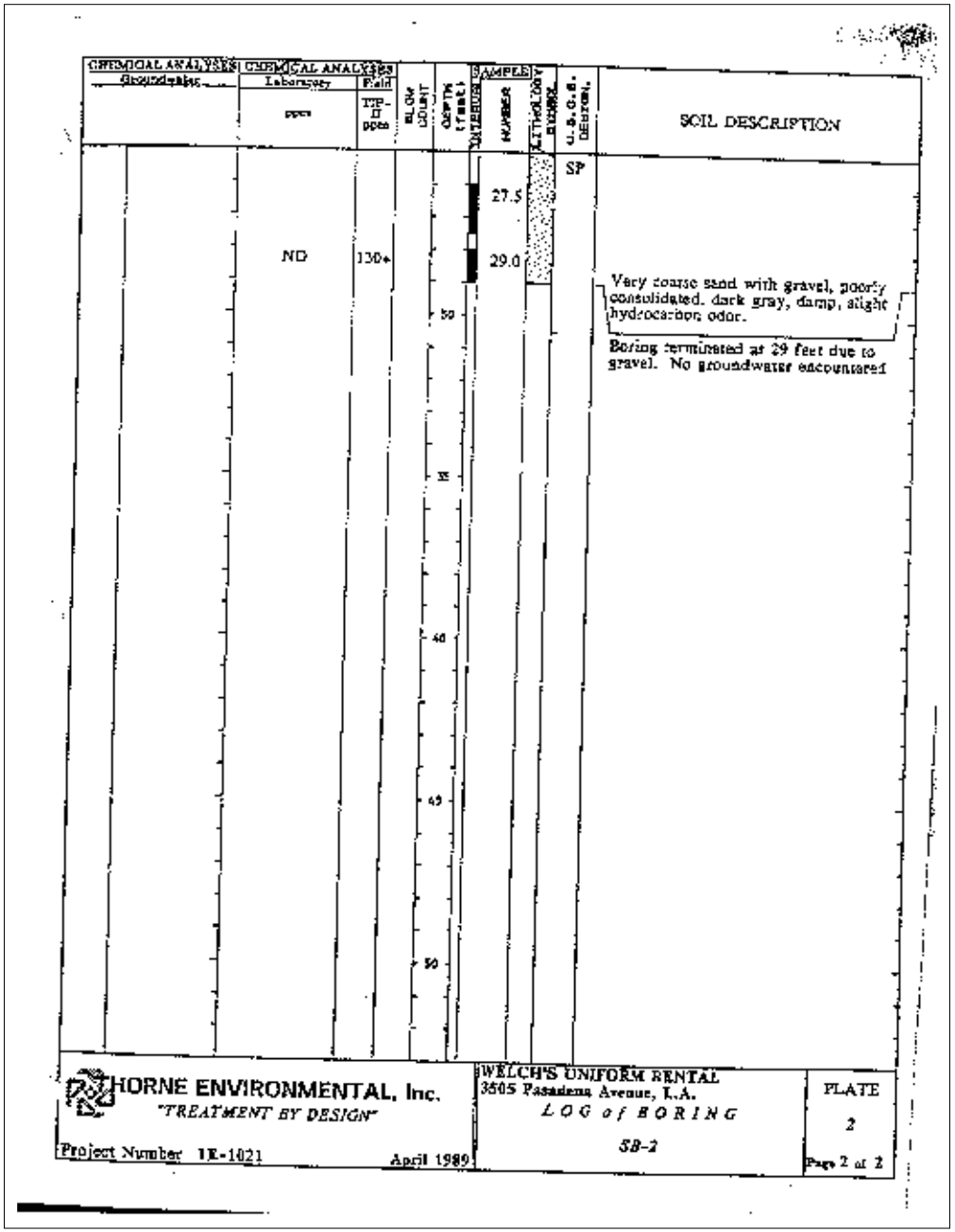


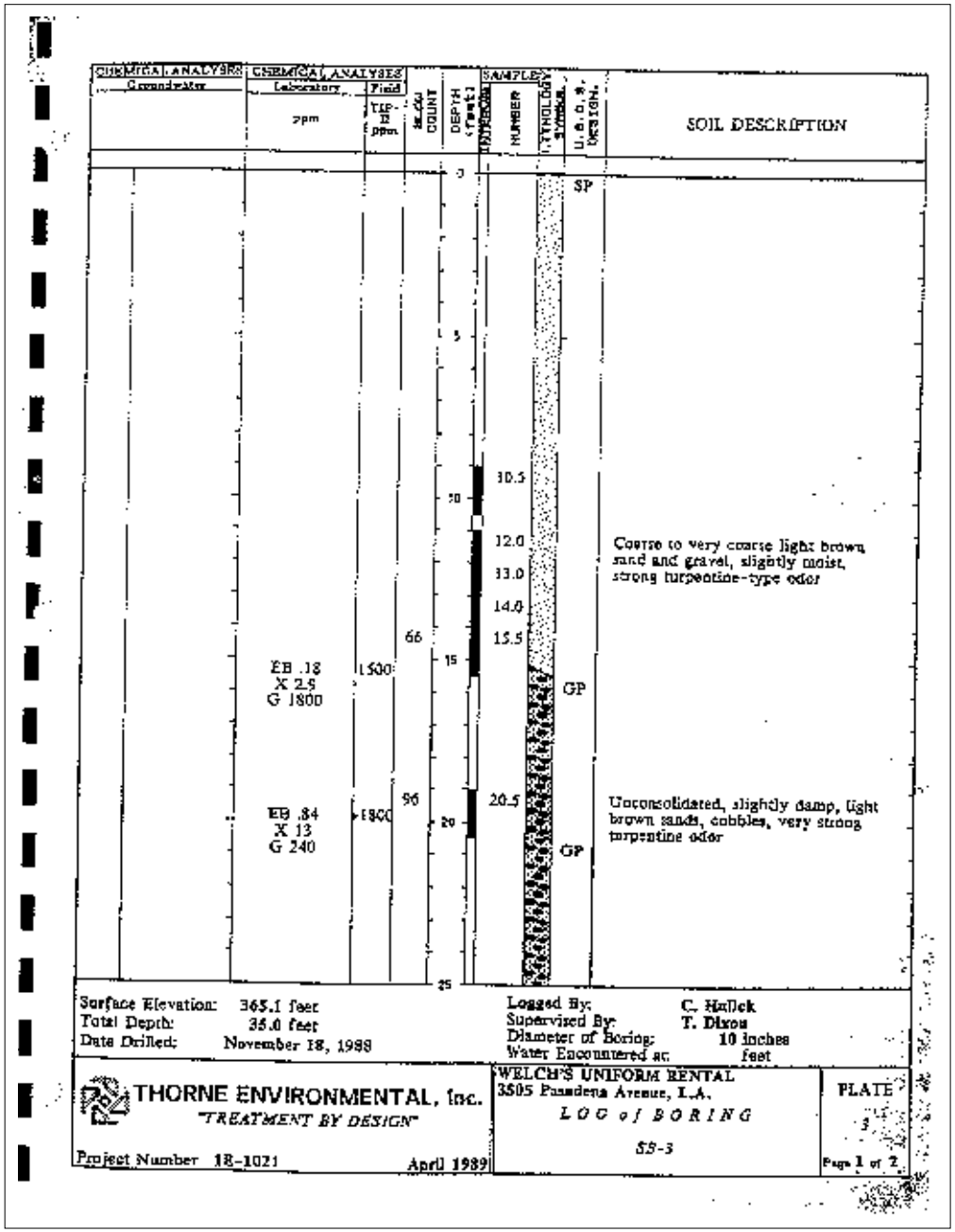
APPENDIX C
SOIL BORING LOGS

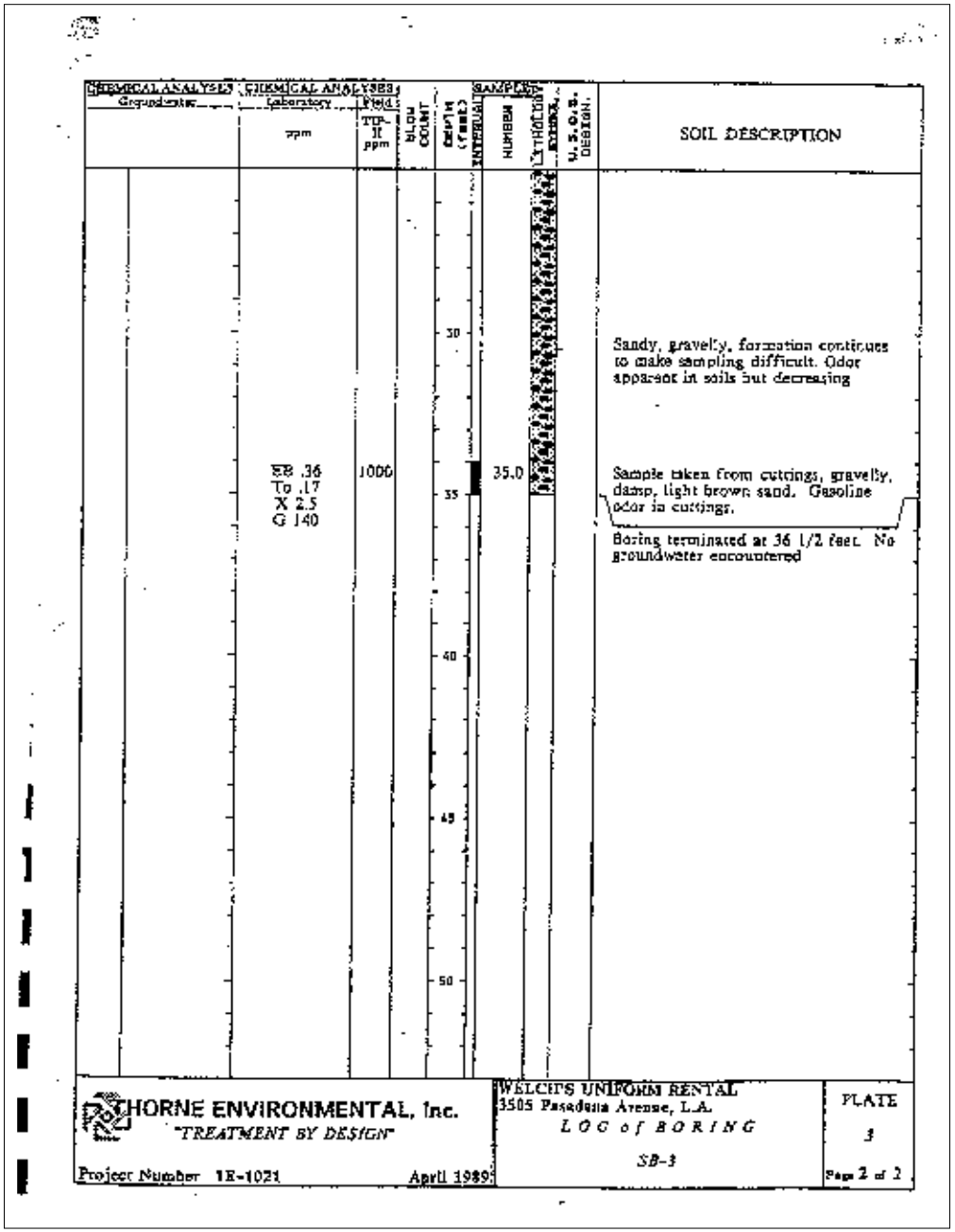

CHEMICAL ANALYSES Groundwater
CHEMICAL ANALYSES Laboratory
ppm
Field
ppm
BLOW COUNT
DEPTH (Feet)
SAMPLE
NUMBER
LITHOLOGY SYMBOL
U.S.C.S. DESIGN.
SOIL DESCRIPTION
ND
1000
45
84
1000
10.5
16.0
20.5
SM
GP
FILL
Brown silty fine-coarse sand with gravel, slightly moist, no odor
Light brown silty coarse sand, slightly moist, no odor.
Fine to coarse gravel with coarse sand, slightly moist, no odor
Surface Elevation: 365.2 feet
Total Depth: 46.0 feet
Date Drilled: November 17, 1988
Logged By: C. Halick
Supervised By: T. Dixon
Diameter of Boring: 10 inches
Water Encountered at: 35.0 feet
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021
April 1989
WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-1
PLATE
1
Page 1 of 2

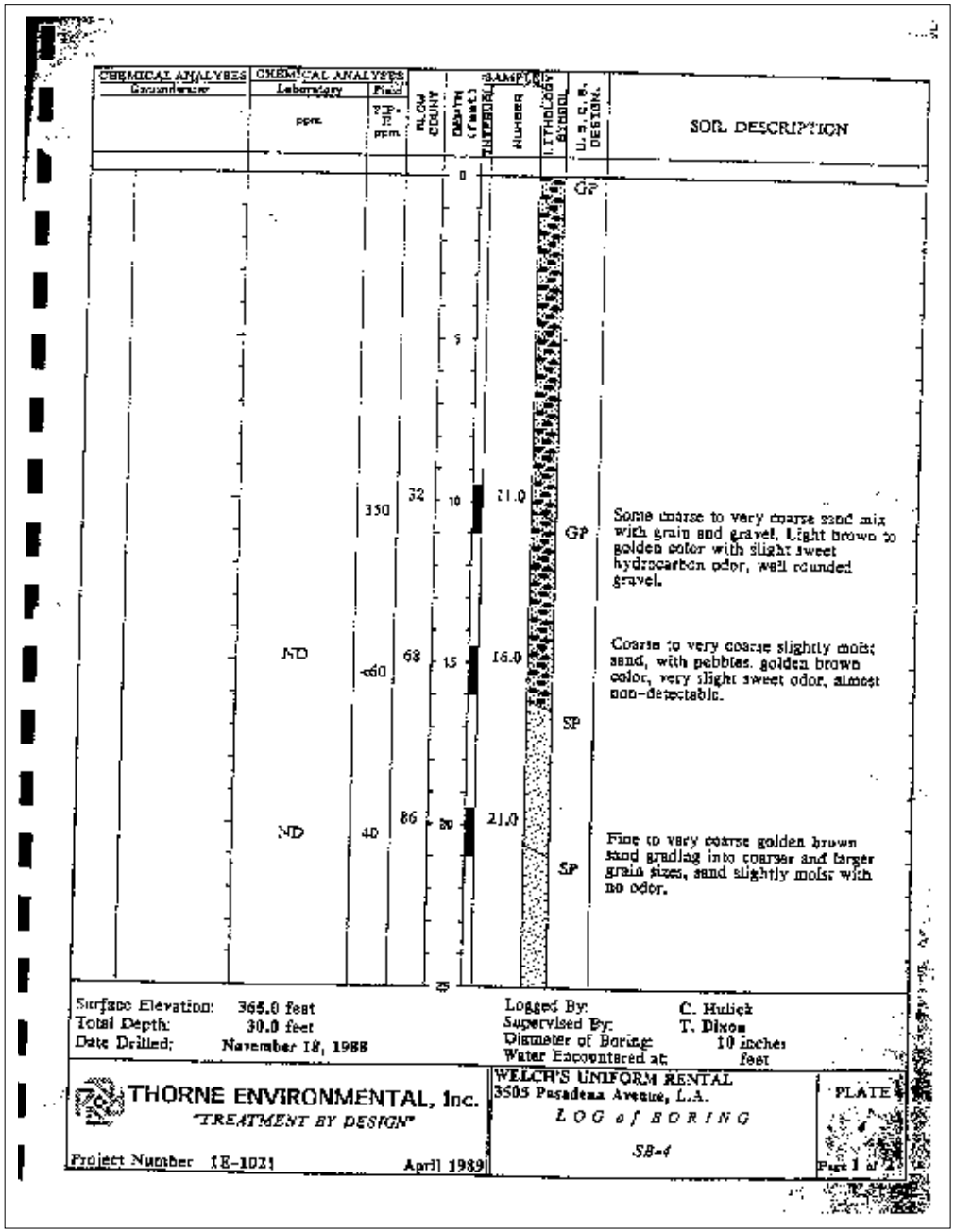

CHEMICAL ANALYSES Groundwater
CHEMICAL ANALYSES Laboratory
ppm
Field
ppm
BLOW COUNT
DEPTH (Feet)
SAMPLE
NUMBER
LITHOLOGY SYMBOL
U.S.C.S. DESIGN.
SOIL DESCRIPTION
ND
EB 55
To 28
X 160
G 5900
60
28
84
50+
50
29.0
36.0
GP
SP
GP
Well sorted unconsolidated slightly moist light gray, coarse to very coarse sand with 10-15% grain size between 1/8 - 1/2" slight hydrocarbon odor.
Fine dry silty light gray sand, contact with a saturated gray to dark gray, coarse to very course sand, good sorting, very strong gasoline odor.
Boring terminated at 41 1/2 feet due to gravel and cobbles. Groundwater encountered at 35 feet
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021
April 1989
WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-1
PLATE
1
Page 2 of 2

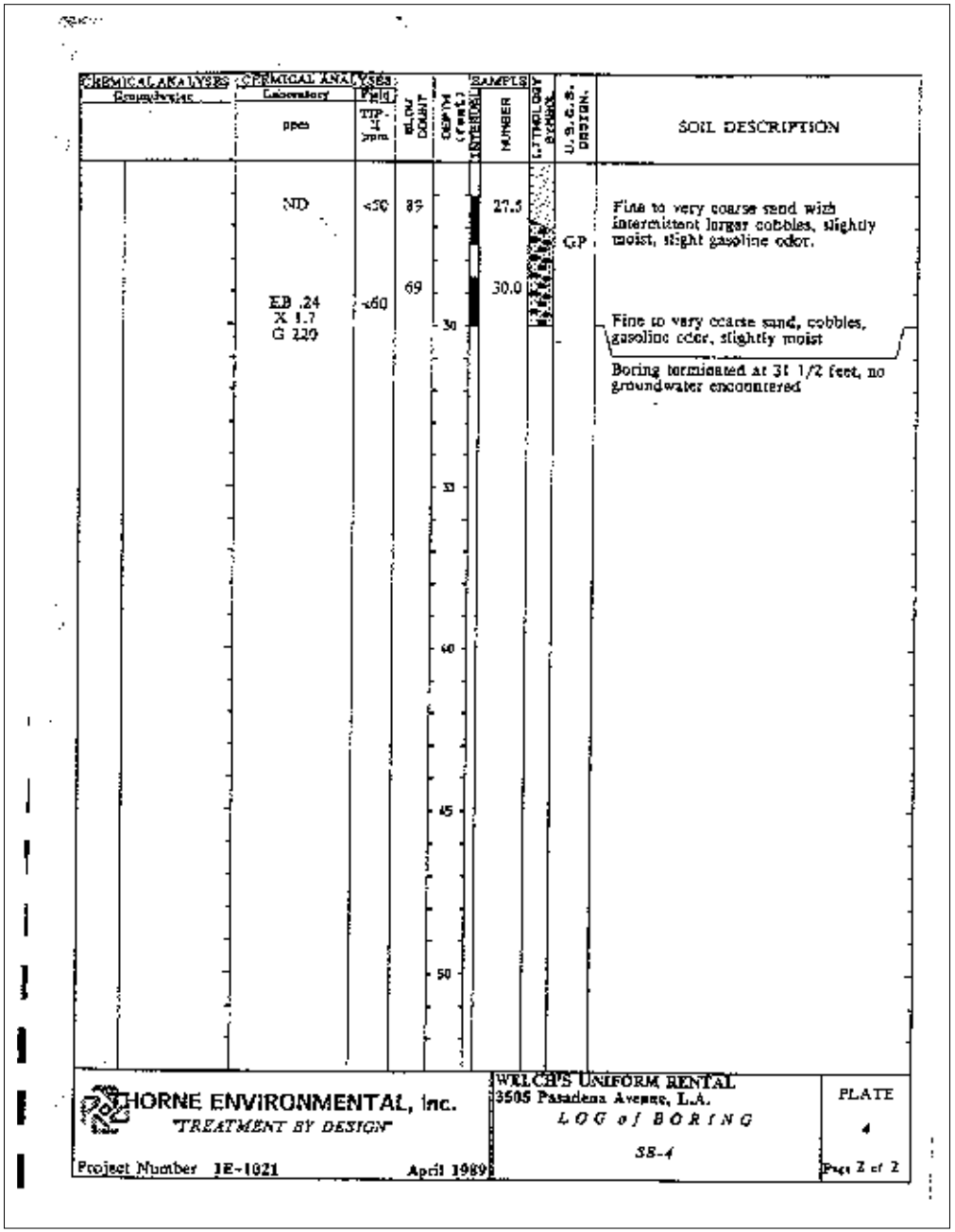

CHEMICAL ANALYSES Groundwater
CHEMICAL ANALYSES Laboratory ppm
Field TIP-□ ppm
BLOW COUNT
DEPTH (Feet)
SAMPLES NUMBER
LITHOLOGY SYMBOL
U.S.C.S. DESIGN.
SOIL DESCRIPTION
0
5
10
15
20
25
GP
ND
37
54
13.0
14.5
ND
30+
Cobbles, gravel and coarse sand, slightly moist, light brown, no odor.
Coarse large sand and gravel. Slightly moist, brown, unconsolidated, no odor.
GP
ND
150+
20.5
GP
Fine to very coarse sand and gravel. Poorly consolidated, slightly moist, lighter brown to golden colored with no odor.
Surface Elevation: 364.9 feet
Total Depth: 29.0 feet
Date Drilled: November 17, 1988
Logged By: C. Rolick
Supervised By: T. Dixon
Diameter of Boring: 10 inches
Water Encountered at: feet
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021
April 1989
WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-2
PLATE
2
Page 1 of 2

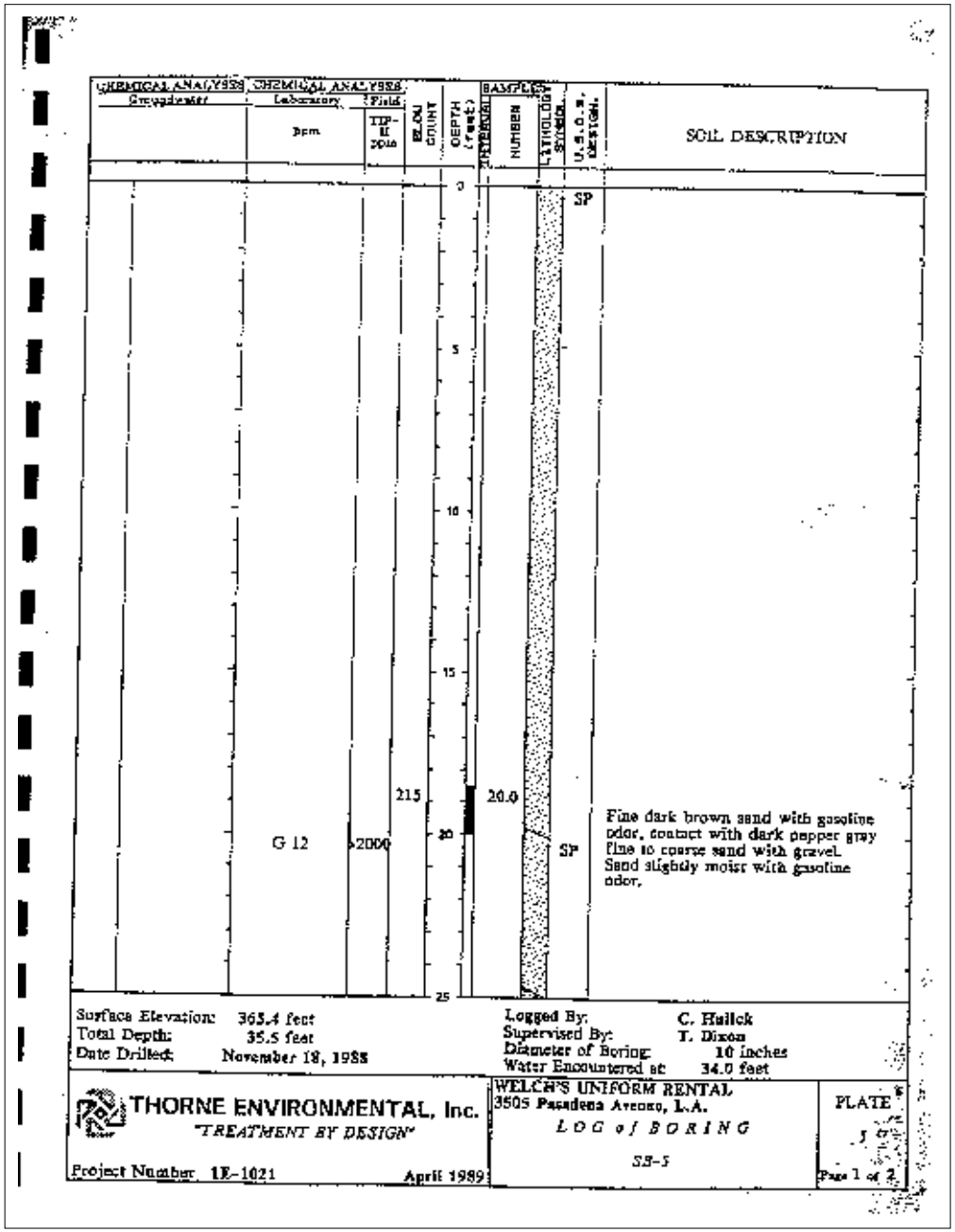

CHEMICAL ANALYSES Groundwater
CHEMICAL ANALYSES Laboratory ppm
Field TIP-□ ppm
BLOW COUNT
DEPTH (Feet)
SAMPLES NUMBER
LITHOLOGY SYMBOL
U.S.C.S. DESIGN.
SOIL DESCRIPTION
SP
27.5
29.0
ND
130+
Very coarse sand with gravel, poorly consolidated, dark gray, damp, slight hydrocarbon odor.
Boring terminated at 29 feet due to gravel. No groundwater encountered
50
55
60
65
70
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021
April 1989
WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-2
PLATE
2
Page 2 of 2


CHEMICAL ANALYSES Groundwater
CHEMICAL ANALYSES Laboratory ppm
Field TIP-II ppm
BLOW COUNT
DEPTH (Feet)
SAMPLES INTERVAL
NUMBER
LITHOLOGY SYMBOL
U.S.C.S. DESIGN.
SOIL DESCRIPTION
SP
10.5
12.0
13.0
14.0
15.5
20.5
GP
GP
EB .18
X 2.5
G 1800
1500
66
EB .84
X 13
G 240
1800
96
Coarse to very coarse light brown sand and gravel, slightly moist, strong turpentine-type odor
Unconsolidated, slightly damp, light brown sands, cobbles, very strong turpentine odor
Surface Elevation: 365.1 feet
Total Depth: 35.0 feet
Date Drilled: November 18, 1988
Logged By: C. Hallek
Supervised By: T. Dixon
Diameter of Boring: 10 inches
Water Encountered at: feet
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021
April 1989
WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-3
PLATE
3
Page 1 of 2


CHEMICAL ANALYSES Groundwater
CHEMICAL ANALYSES Laboratory ppm
Field TIP-II ppm
BLOW COUNT
DEPTH (Feet)
SAMPLES INTERVAL
NUMBER
LITHOLOGY SYMBOL
U.S.C.S. DESIGN.
SOIL DESCRIPTION
35.0
EB .36
To .17
X 2.5
G 140
1000
Sandy, gravelly, formation continues to make sampling difficult. Odor apparent in soils but decreasing
Sample taken from cuttings, gravelly, damp, light brown sand. Gasoline odor in cuttings.
Boring terminated at 36 1/2 feet. No groundwater encountered
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021
April 1989
WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-3
PLATE
3
Page 2 of 2


CHEMICAL ANALYSES Groundwater
CHEMICAL ANALYSES Laboratory
CHEMICAL ANALYSES Field
ppm
TIP ppm
BLOW COUNT
DEPTH (Feet)
SAMPLES INTERVAL
SAMPLES NUMBER
LITHOLOGY SYMBOL
U.S.C.S. DESIGN.
SOIL DESCRIPTION
GP
350
32
10
11.0
GP
Some coarse to very coarse sand mix with grain and gravel, light brown to golden color with slight sweet hydrocarbon odor, well rounded gravel.
ND
<60
68
15
16.0
Coarse to very coarse slightly moist sand, with pebbles, golden brown color, very slight sweet odor, almost non-detectable.
SP
ND
40
86
20
21.0
SP
Fine to very coarse golden brown sand grading into coarser and larger grain sizes, sand slightly moist with no odor.
25
Surface Elevation: 365.0 feet
Total Depth: 30.0 feet
Date Drilled: November 18, 1988
Logged By: C. Hulick
Supervised By: T. Dixon
Diameter of Boring: 10 inches
Water Encountered at: feet
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021
April 1989
WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-4
PLATE 4
Page 1 of 2


CHEMICAL ANALYSES Groundwater
CHEMICAL ANALYSES Laboratory
CHEMICAL ANALYSES Field
ppm
TIP ppm
BLOW COUNT
DEPTH (Feet)
SAMPLES INTERVAL
SAMPLES NUMBER
LITHOLOGY SYMBOL
U.S.C.S. DESIGN.
SOIL DESCRIPTION
ND
<30
89
27.5
GP
Fine to very coarse sand with intermittent larger cobbles, slightly moist, slight gasoline odor.
EB .24
X 1.7
G 220
<60
69
30.0
30
Fine to very coarse sand, cobbles, gasoline odor, slightly moist
Boring terminated at 31 1/2 feet, no groundwater encountered
35
40
45
50
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021
April 1989
WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-4
PLATE 4
Page 2 of 2



Surface Elevation: 365.4 feet
Total Depth: 35.5 feet
Date Drilled: November 18, 1988

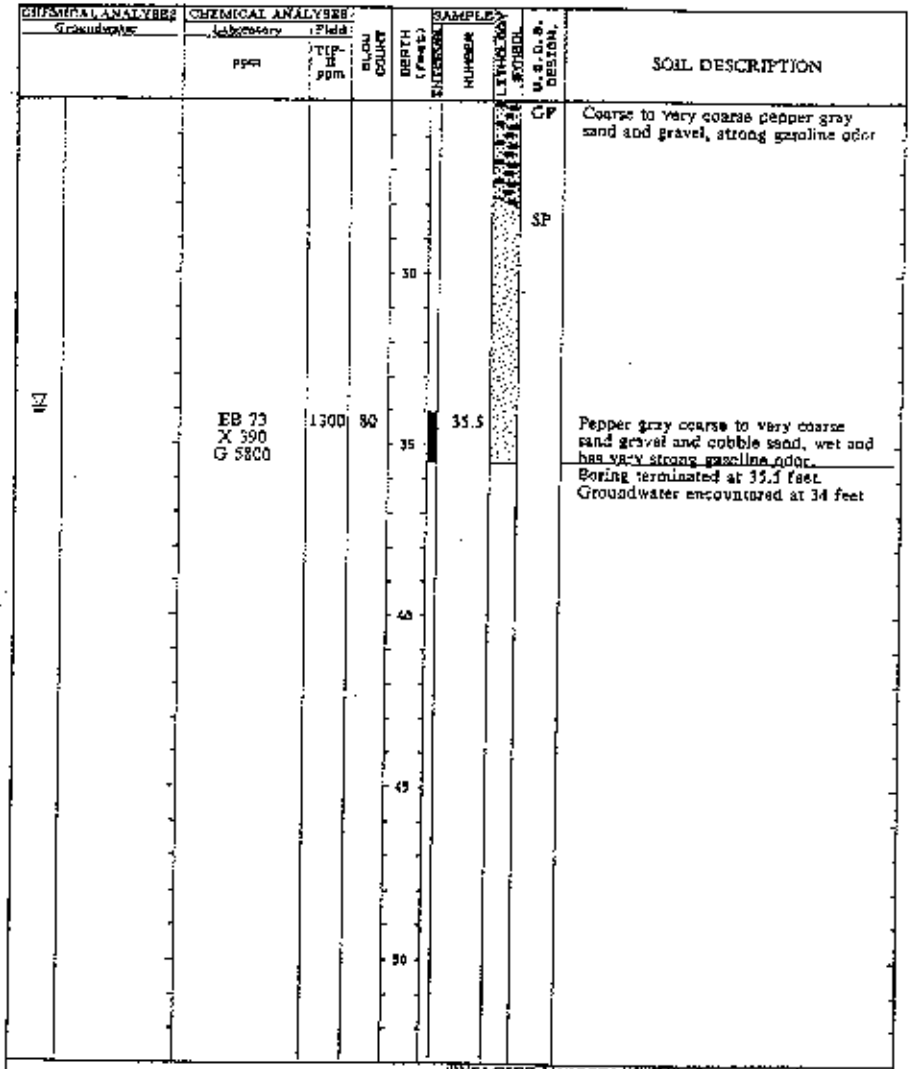
Logged By: C. Hulick
Supervised By: T. Dixon
Diameter of Boring: 10 inches
Water Encountered at: 34.0 feet

THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"

Project Number 1E-1021 April 1989

WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-5

PLATE 5

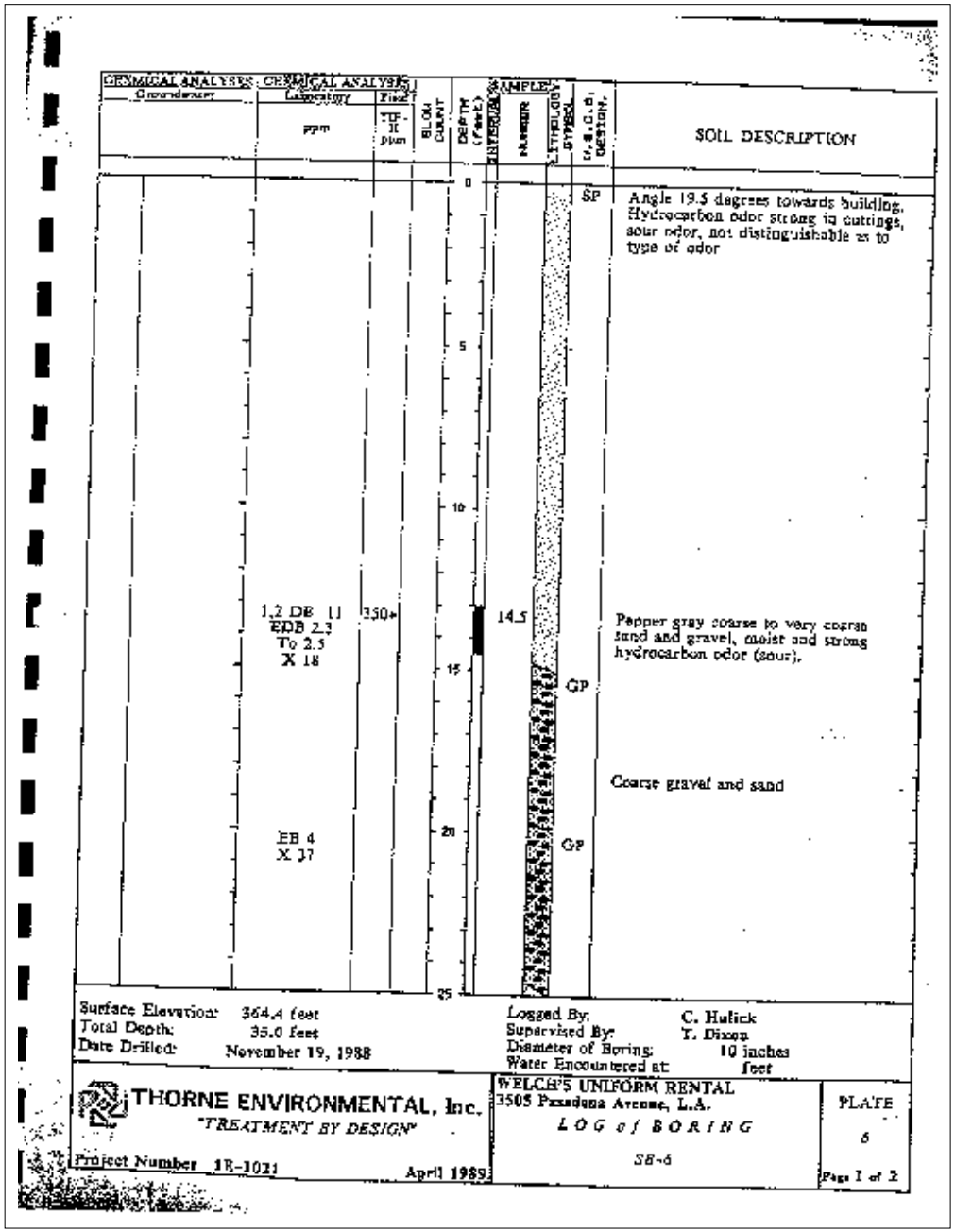


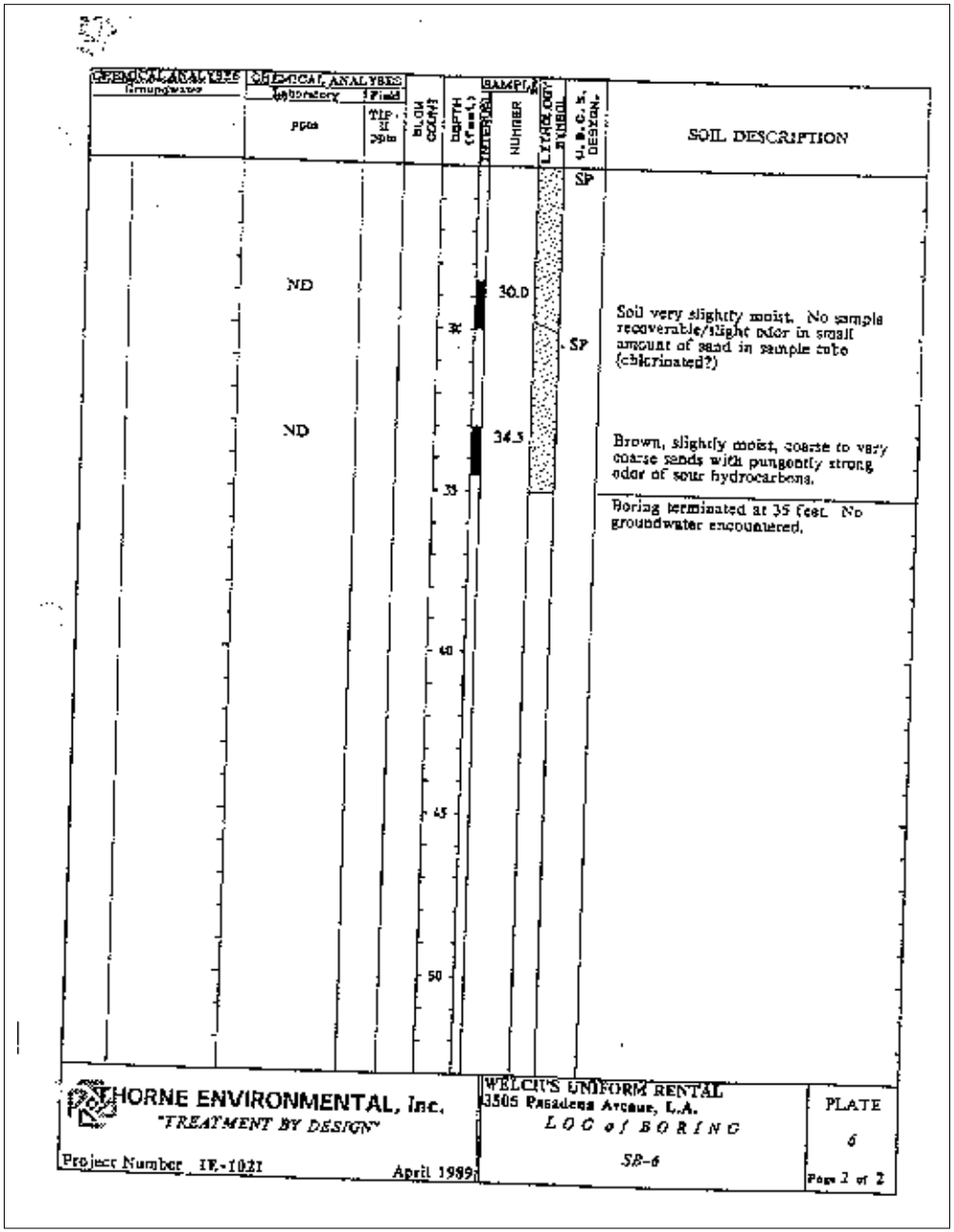
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"

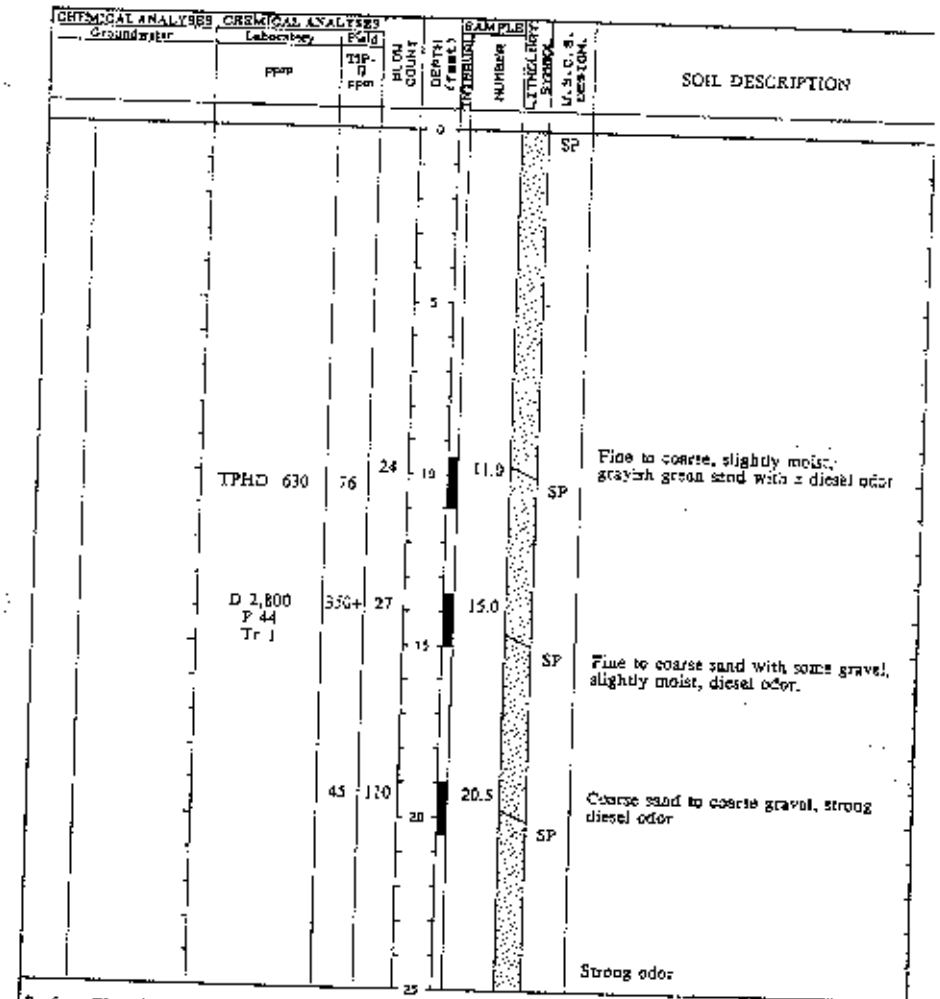
Project Number 1E-1021 April 1989

WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-5

PLATE 5


CHEMICAL ANALYSES: Groundwater
CHEMICAL ANALYSES: Laboratory
CHEMICAL ANALYSES: Field
ppm
TIP - H ppm
BLOW COUNT
DEPTH (Feet)
SAMPLES: TYPE
SAMPLES: NUMBER
LITHOLOGY SYMBOL
U.S.C.S. DESIGN.
SOIL DESCRIPTION
SP
Angle 19.5 degrees towards building. Hydrocarbon odor strong in cuttings, sour odor, not distinguishable as to type of odor
1,2 DB 11
EDB 2.3
To 2.5
X 18
330+
14.5
GP
Pepper gray coarse to very coarse sand and gravel, moist and strong hydrocarbon odor (sour).
Coarse gravel and sand
EB 4
X 37
GP
0
5
10
15
20
25
Surface Elevation: 364.4 feet
Total Depth: 35.0 feet
Date Drilled: November 19, 1988
Logged By: C. Hulick
Supervised By: T. Dixon
Diameter of Boring: 10 inches
Water Encountered at: feet
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021
April 1989
WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-6
PLATE
6
Page 1 of 2


CHEMICAL ANALYSES: Groundwater
CHEMICAL ANALYSES: Laboratory
CHEMICAL ANALYSES: Field
ppm
TIP - H ppm
BLOW COUNT
DEPTH (Feet)
SAMPLES: TYPE
SAMPLES: NUMBER
LITHOLOGY SYMBOL
U.S.C.S. DESIGN.
SOIL DESCRIPTION
SP
ND
30.0
Soil very slightly moist. No sample recoverable/slight odor in small amount of sand in sample tube (chlorinated?)
SP
ND
34.5
Brown, slightly moist, coarse to very coarse sands with pungently strong odor of sour hydrocarbons.
Boring terminated at 35 feet. No groundwater encountered.
30
35
40
45
50
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021
April 1989
WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-6
PLATE
6
Page 2 of 2



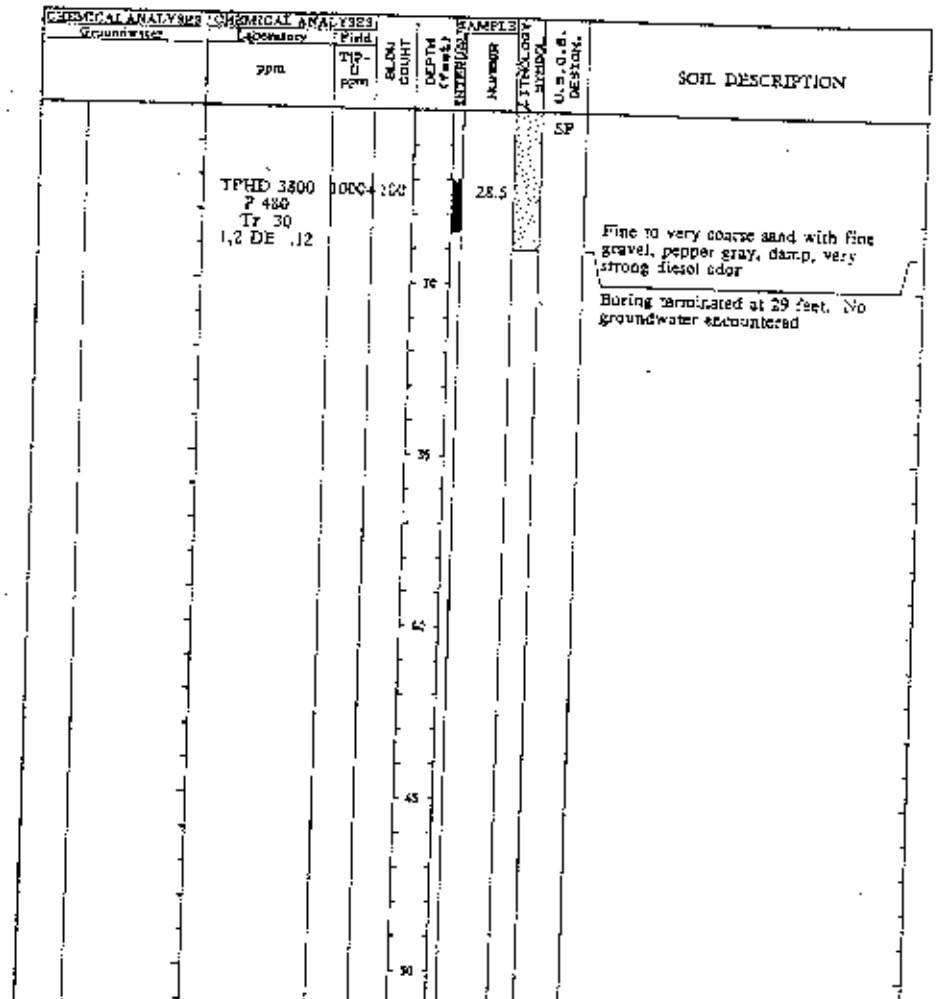
Surface Elevation: 364.3 feet
Total Depth: 29.0 feet
Date Drilled: November 21, 1988

Logged By: C. Hulick
Supervised By: T. Dixon
Diameter of Boring: 10 inches
Water Encountered at: feet

THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021 April 1989

WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-7

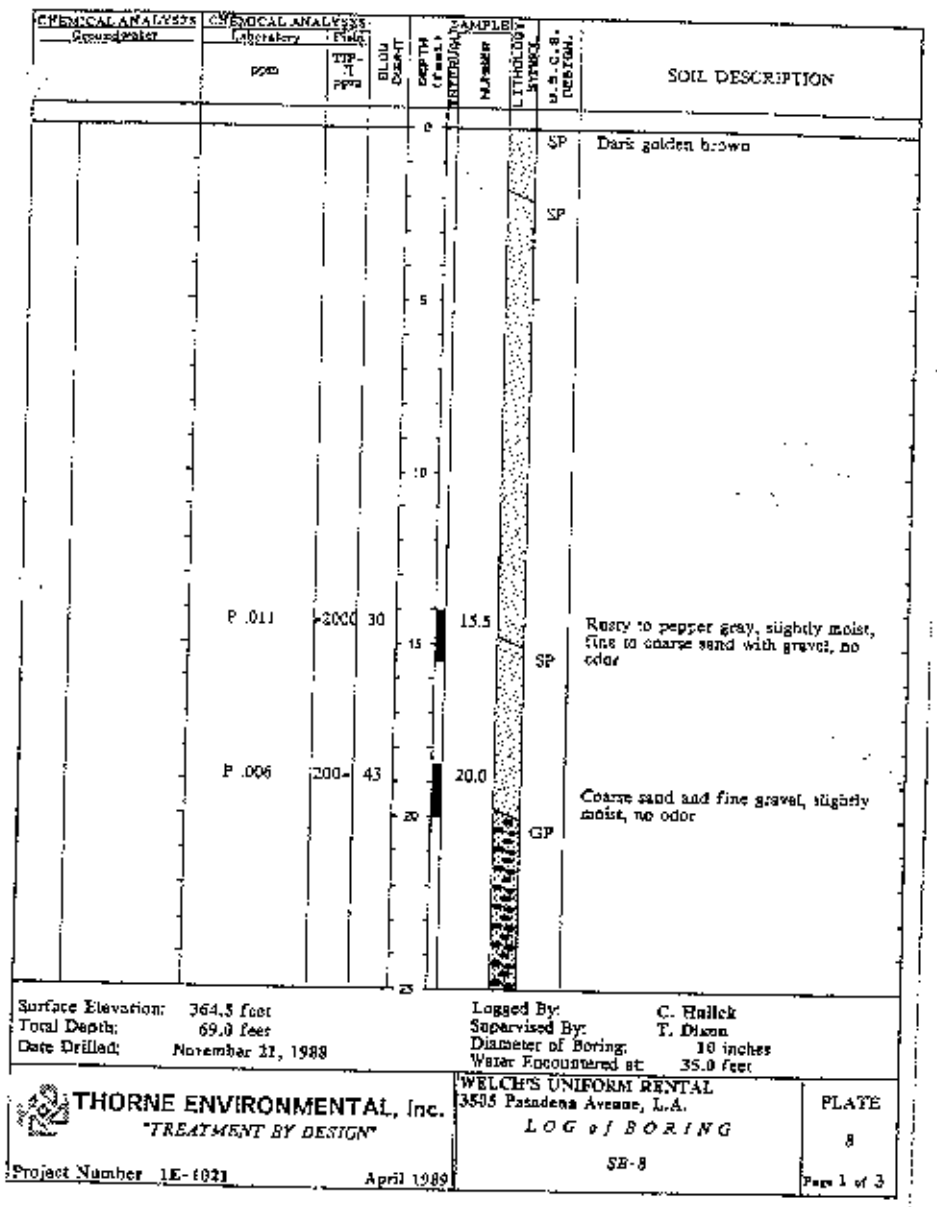
PLATE 7
Page 1 of 2

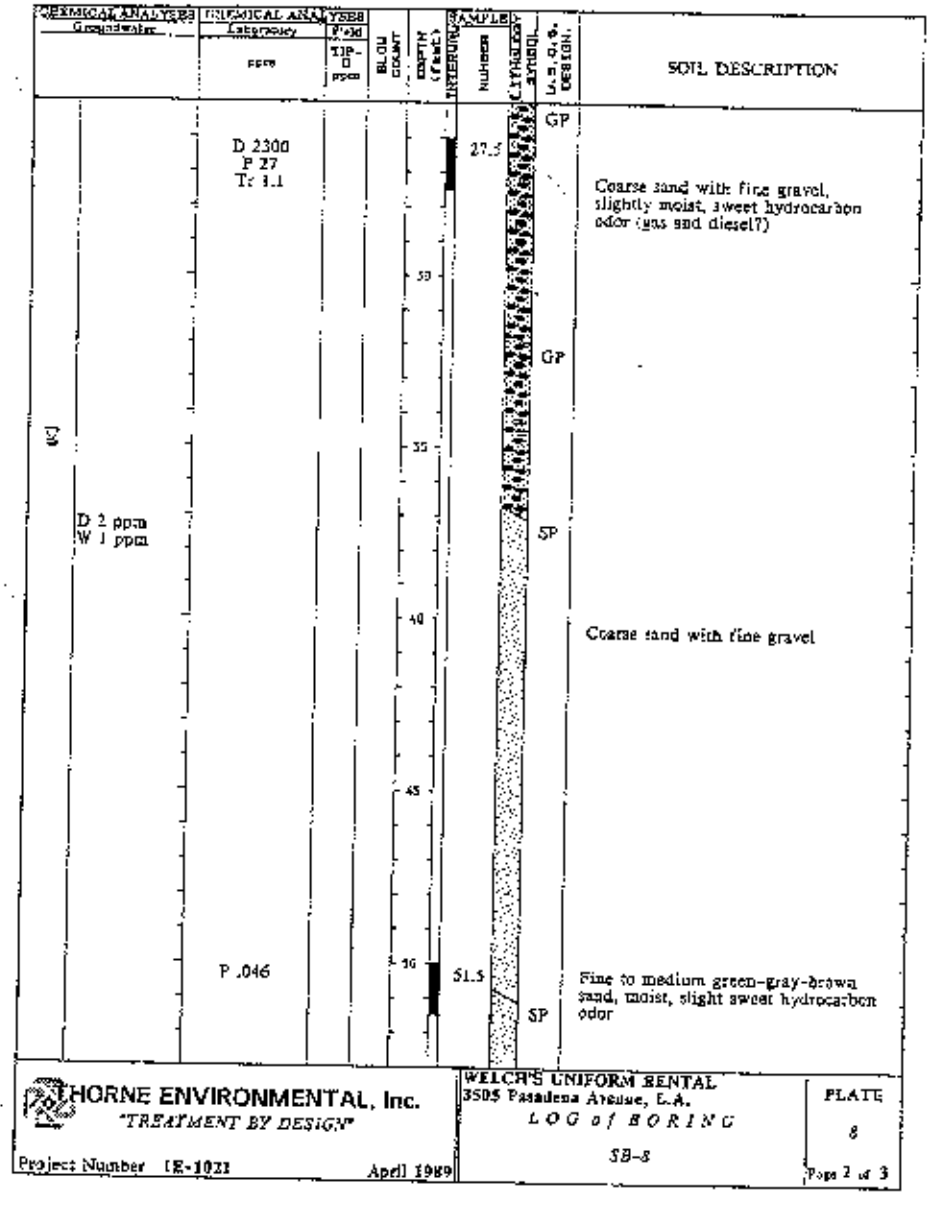


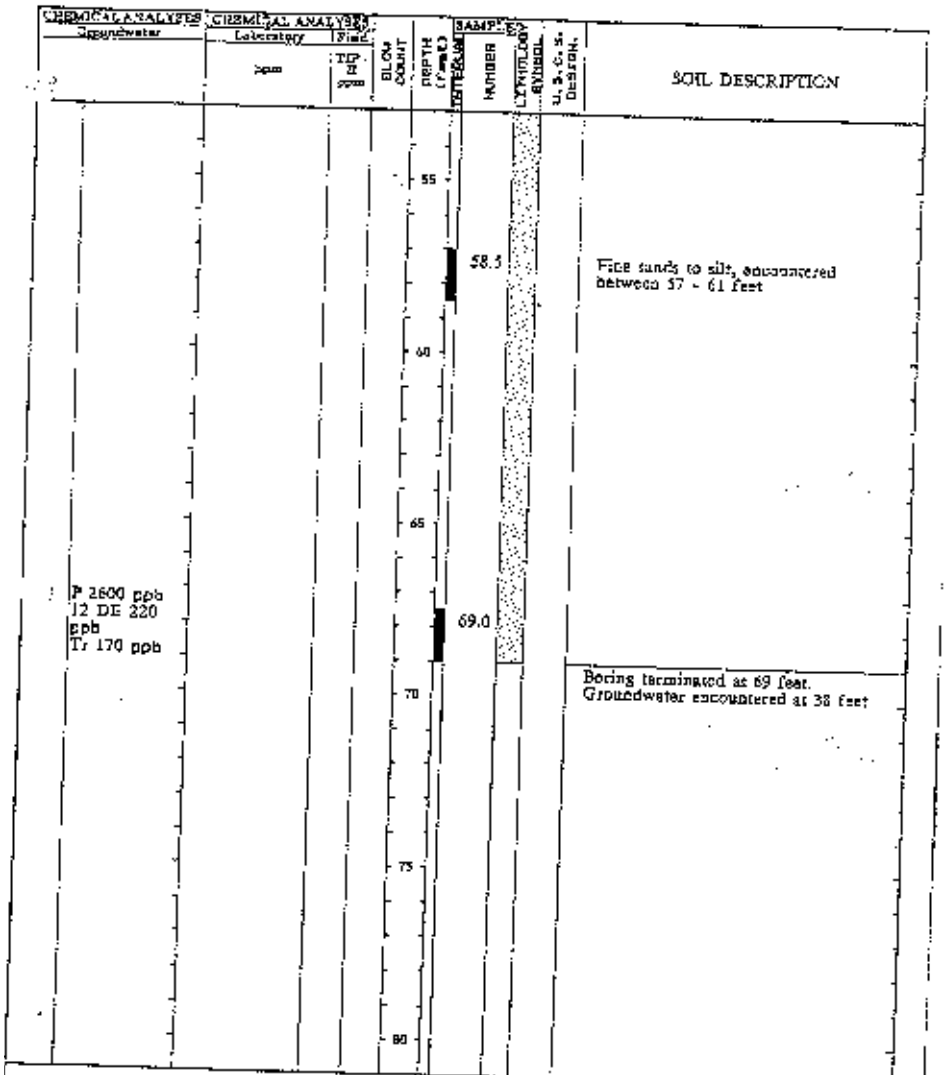
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021 April 1989

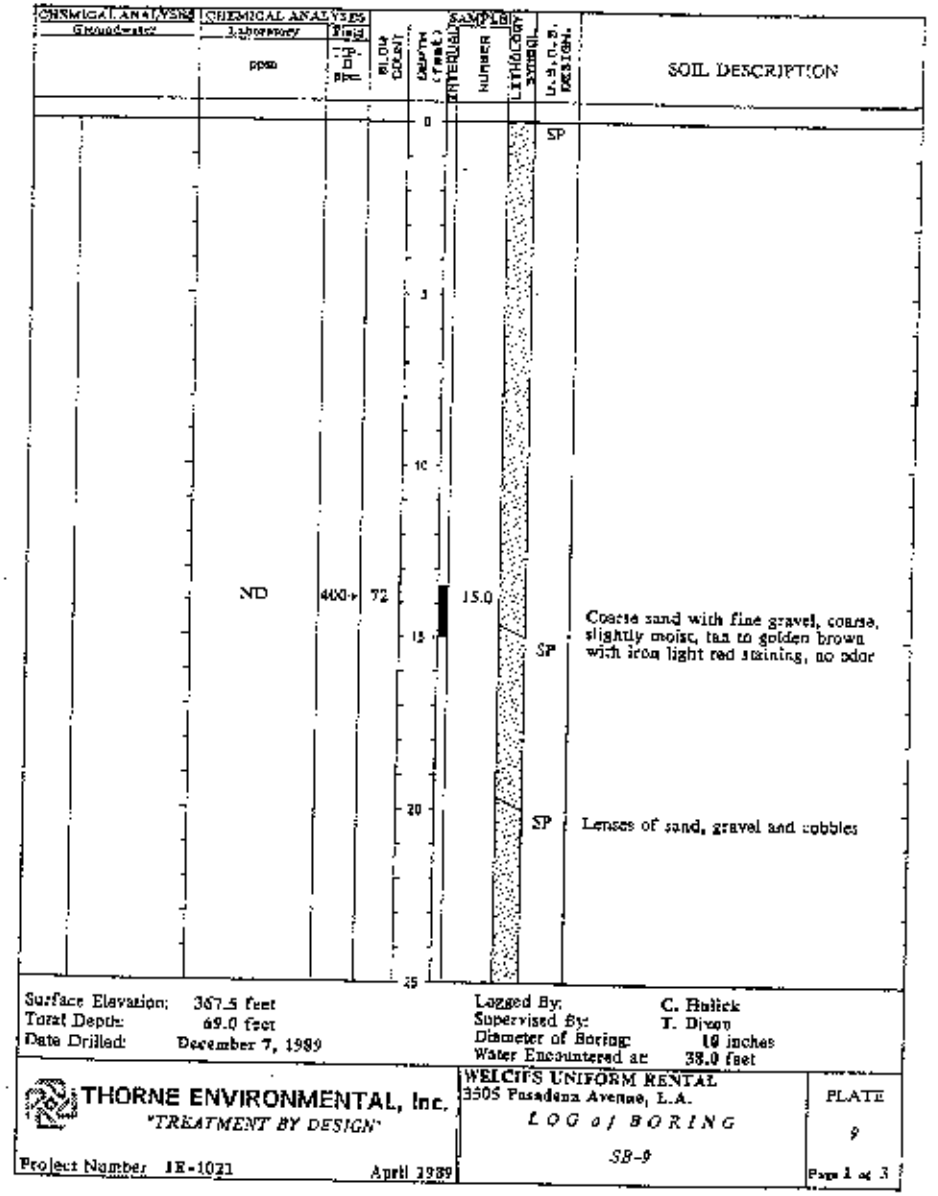
WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-7

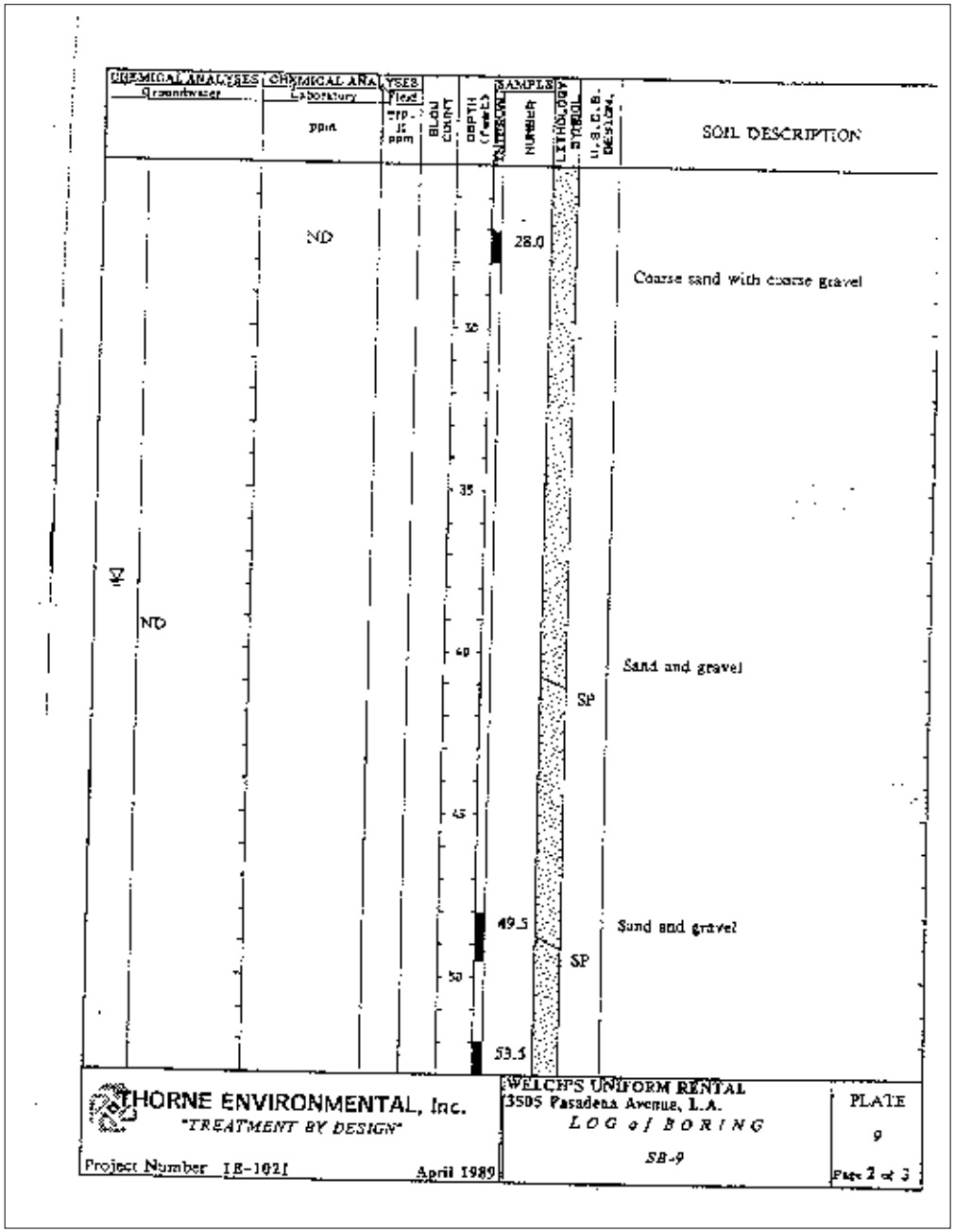
PLATE 7
Page 2 of 2

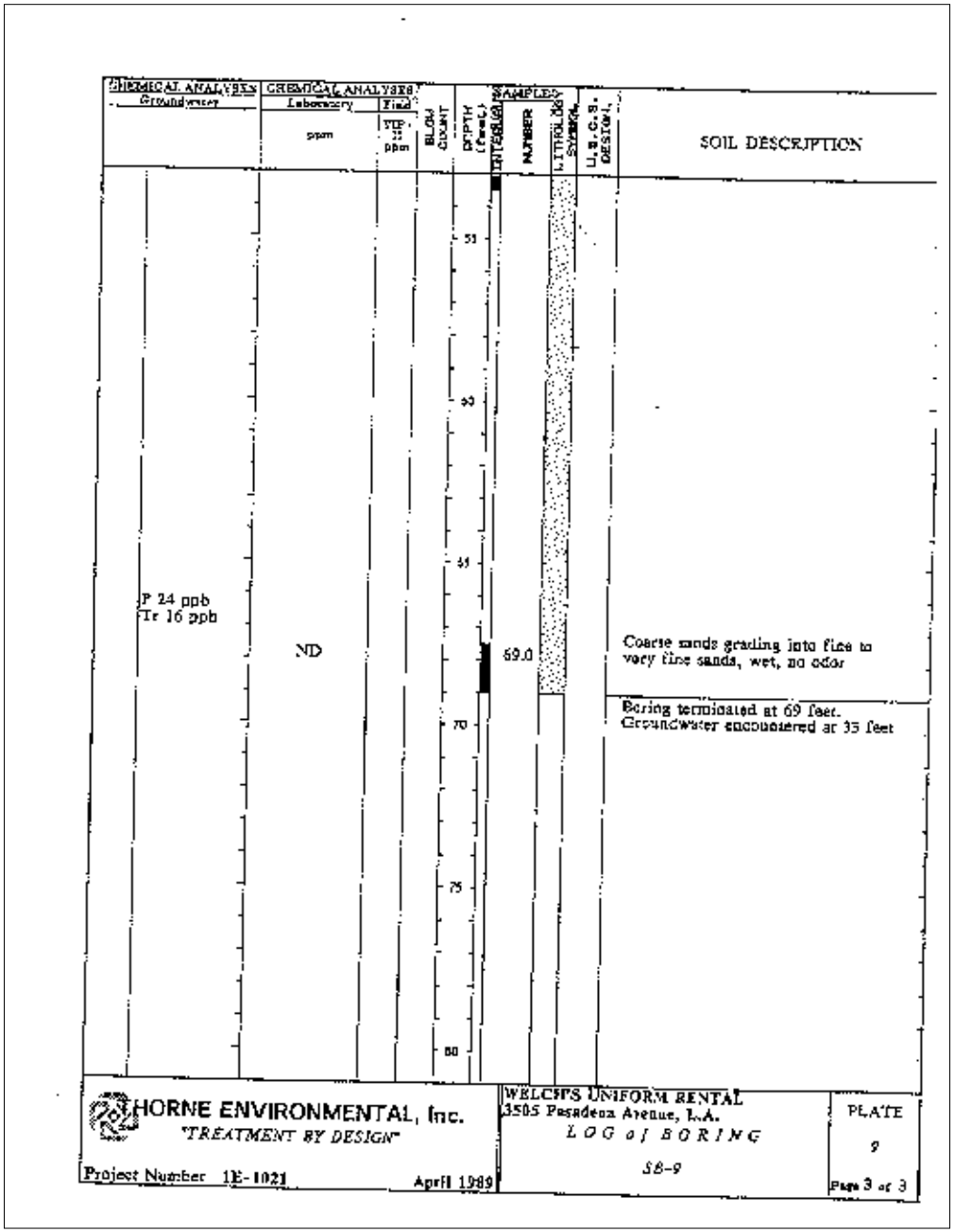

CHEMICAL ANALYSES Groundwater
CHEMICAL ANALYSES Laboratory
ppm
TIP-1 ppm
BLOW COUNT
DEPTH (Feet)
SAMPLE INTERVAL
Number
LITHOLOGY SYMBOL
U.S.C.S. DESIGN.
SOIL DESCRIPTION
SP
Dark golden brown
SP
P .011
2000
30
15.5
Rusty to pepper gray, slightly moist, fine to coarse sand with gravel, no odor
SP
P .006
200+
43
20.0
Coarse sand and fine gravel, slightly moist, no odor
GP
Surface Elevation: 364.5 feet
Total Depth: 69.0 feet
Date Drilled: November 21, 1988
Logged By: C. Hallck
Supervised By: T. Dixon
Diameter of Boring: 10 inches
Water Encountered at: 35.0 feet
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021
April 1989
WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-8
PLATE
8
Page 1 of 3

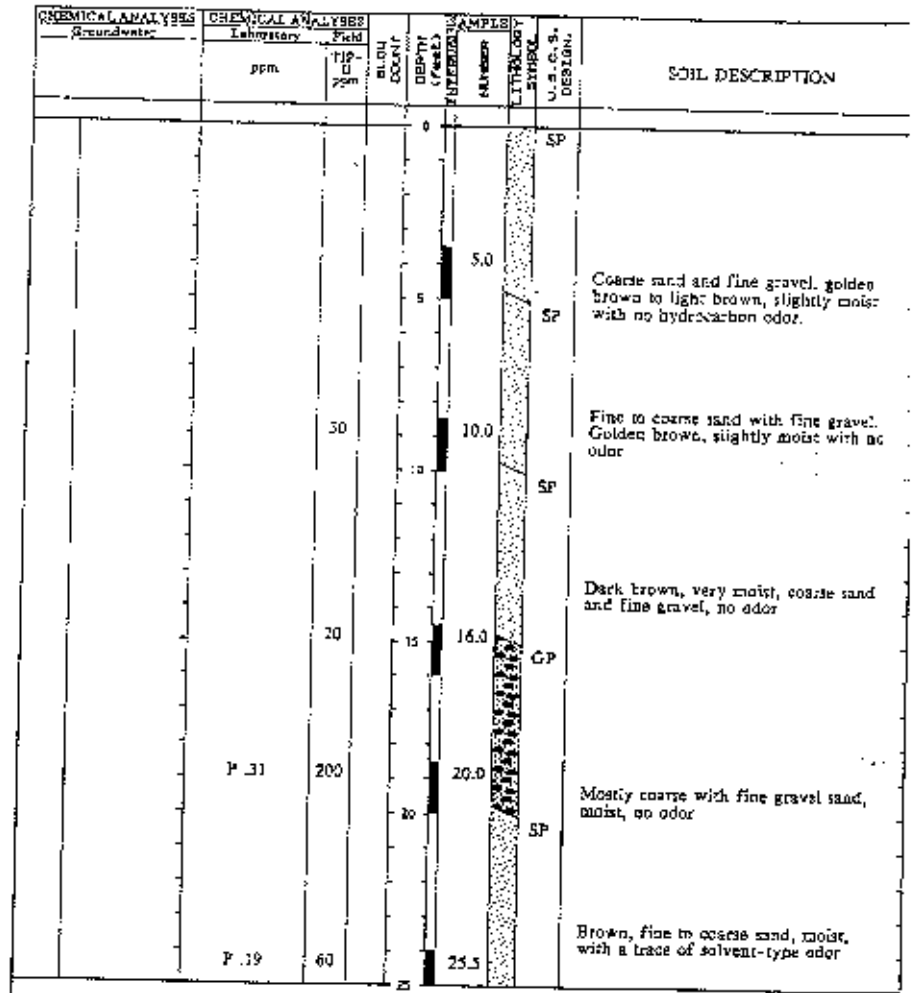

CHEMICAL ANALYSES Groundwater
CHEMICAL ANALYSES Laboratory
Field
ppm
TIP-0 ppm
BLOW COUNT
DEPTH (Feet)
SAMPLE INTERVAL
Number
LITHOLOGY SYMBOL
U.S.C.S. DESIGN.
SOIL DESCRIPTION
D 2300
P 27
Tr 8.1
27.5
GP
Coarse sand with fine gravel, slightly moist, sweet hydrocarbon odor (gas and diesel?)
GP
D 2 ppm
W 1 ppm
SP
Coarse sand with fine gravel
P .046
51.5
Fine to medium green-gray-brown sand, moist, slight sweet hydrocarbon odor
SP
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021
April 1989
WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-8
PLATE
8
Page 2 of 3


CHEMICAL ANALYSES Groundwater
CHEMICAL ANALYSES Laboratory
ppm
CHEMICAL ANALYSES Field
TCE PCE ppm
BLOW COUNT
DEPTH (Feet)
SAMPLES
NUMBER
LITHOLOGY SYMBOL
U.S.C.S. DESIGN.
SOIL DESCRIPTION
55
60
65
70
75
80
58.5
69.0
P 2600 ppb
12 DE 220 ppb
Tr 170 ppb
Fine sands to silt, encountered between 57 - 61 feet
Boring terminated at 69 feet.
Groundwater encountered at 38 feet
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021
April 1989
WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-8
PLATE
8
Page 3 of 3


CHEMICAL ANALYSES Groundwater
CHEMICAL ANALYSES Laboratory
ppm
CHEMICAL ANALYSES Field
TCE PCE ppm
BLOW COUNT
DEPTH (Feet)
SAMPLES
INTERVAL
NUMBER
LITHOLOGY SYMBOL
U.S.C.S. DESIGN.
SOIL DESCRIPTION
0
5
10
15
20
25
SP
SP
SP
15.0
ND
400+
72
Coarse sand with fine gravel, coarse, slightly moist, tan to golden brown with iron light red staining, no odor
Lenses of sand, gravel and cobbles
Surface Elevation: 367.5 feet
Total Depth: 69.0 feet
Date Drilled: December 7, 1989
Logged By: C. Hulick
Supervised By: T. Dixon
Diameter of Boring: 10 inches
Water Encountered at: 38.0 feet
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021
April 1989
WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-9
PLATE
9
Page 1 of 3


CHEMICAL ANALYSES Groundwater
CHEMICAL ANALYSES Laboratory
ppm
Field ppm
BLOW COUNT
DEPTH (Feet)
SAMPLES NUMBER
LITHOLOGY SYMBOL
U.S.C.S. DESIGN.
SOIL DESCRIPTION
ND
ND
28.0
Coarse sand with coarse gravel
35
40
Sand and gravel
SP
45
49.5
Sand and gravel
SP
50
53.5
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021
April 1989
WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-9
PLATE
9
Page 2 of 3


CHEMICAL ANALYSES Groundwater
CHEMICAL ANALYSES Laboratory
ppm
Field ppm
BLOW COUNT
DEPTH (Feet)
SAMPLES NUMBER
LITHOLOGY SYMBOL
U.S.C.S. DESIGN.
SOIL DESCRIPTION
P 24 ppb
Tr 16 ppb
ND
55
60
65
69.0
70
75
80
Coarse sands grading into fine to very fine sands, wet, no odor
Boring terminated at 69 feet.
Groundwater encountered at 35 feet
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021
April 1989
WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-9
PLATE
9
Page 3 of 3



Surface Elevation: 364.5 feet
Total Depth: 29.0 feet
Date Drilled: December 7, 1989

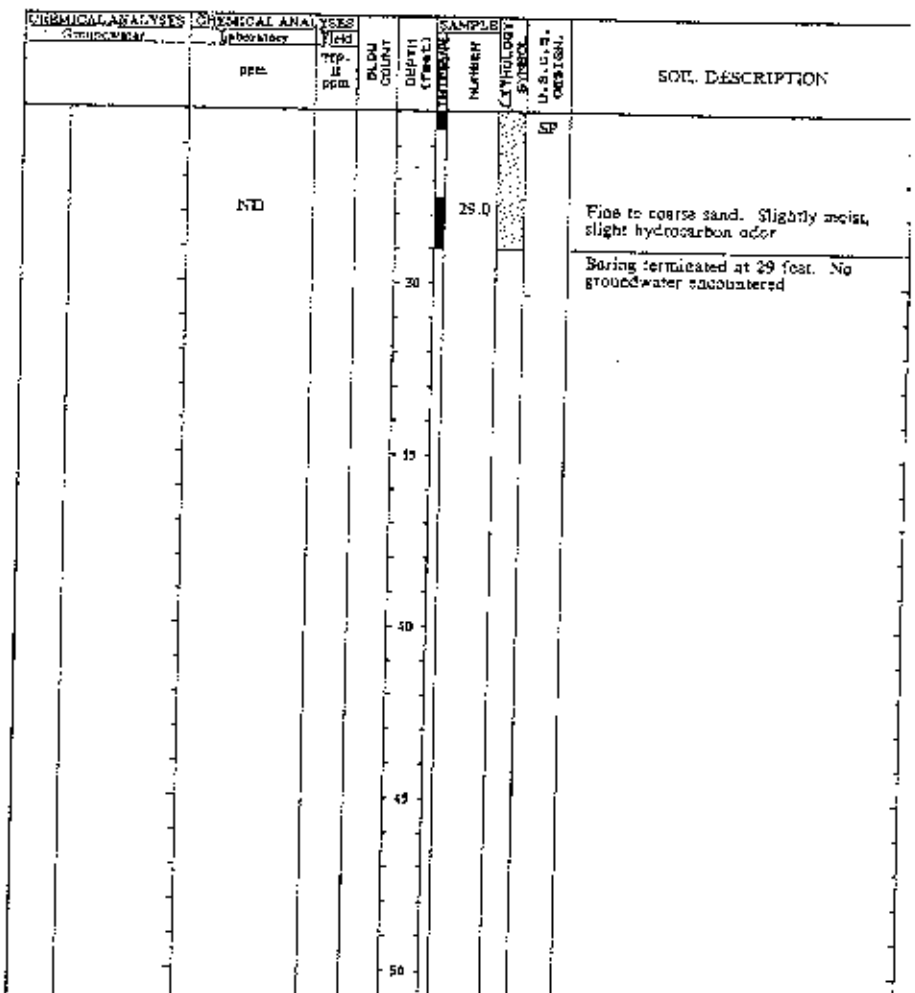
Logged By: C. Hullick
Supervised By: T. Dixon
Diameter of Boring: 10 inches
Water Encountered at: feet

THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021 April 1989

WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-10

PLATE 10

Page 1 of 2

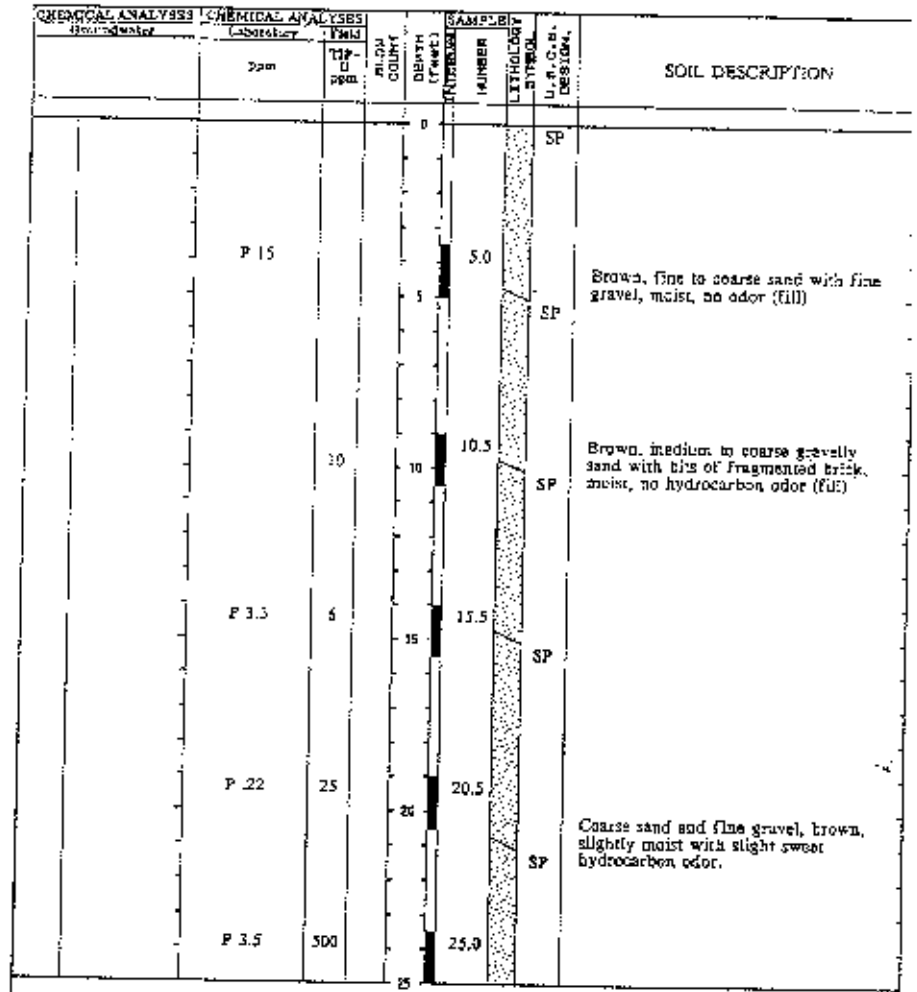


THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021 April 1989

WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-10

PLATE 10

Page 2 of 2



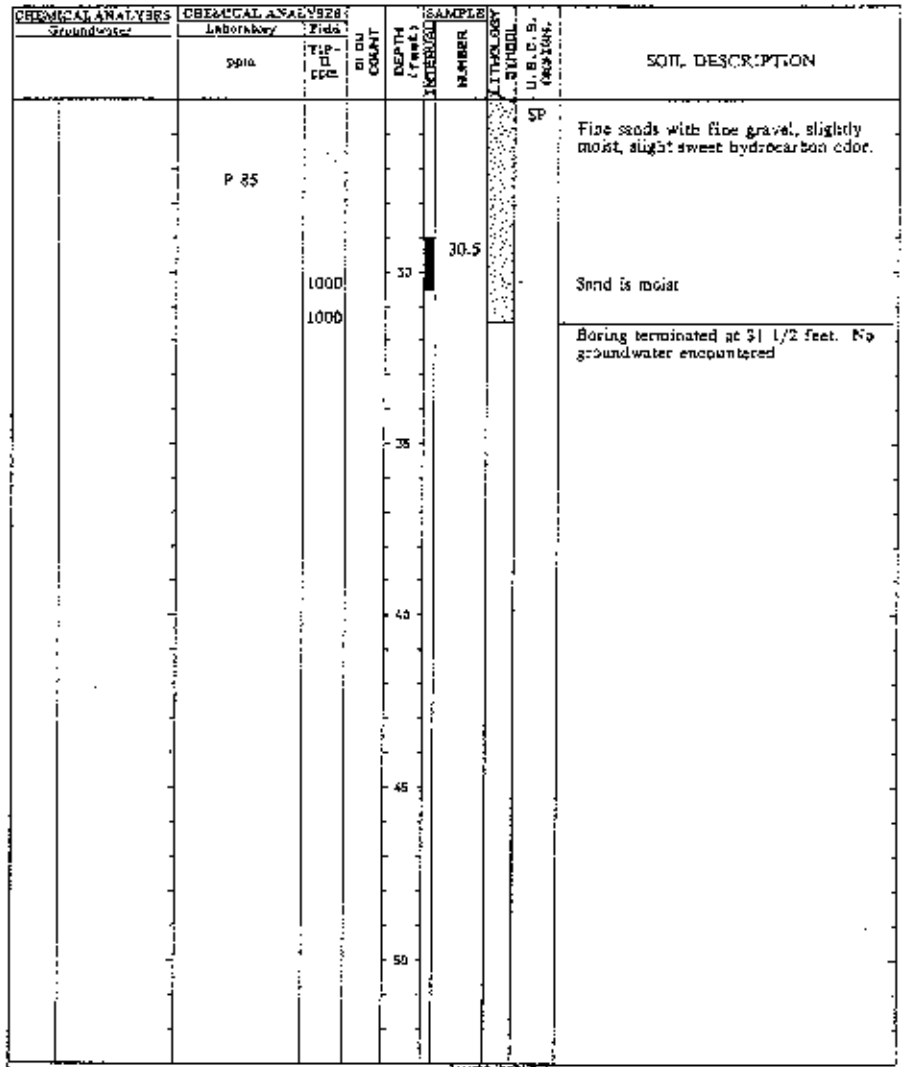
Surface Elevation: 364.6 feet
Total Depth: 31.5 feet
Date Drilled: December 7, 1989

Logged By: C. Hulick
Supervised By: T. Dixon
Diameter of Boring: 10 inches
Water Encountered at: feet

THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021 April 1989

WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-11

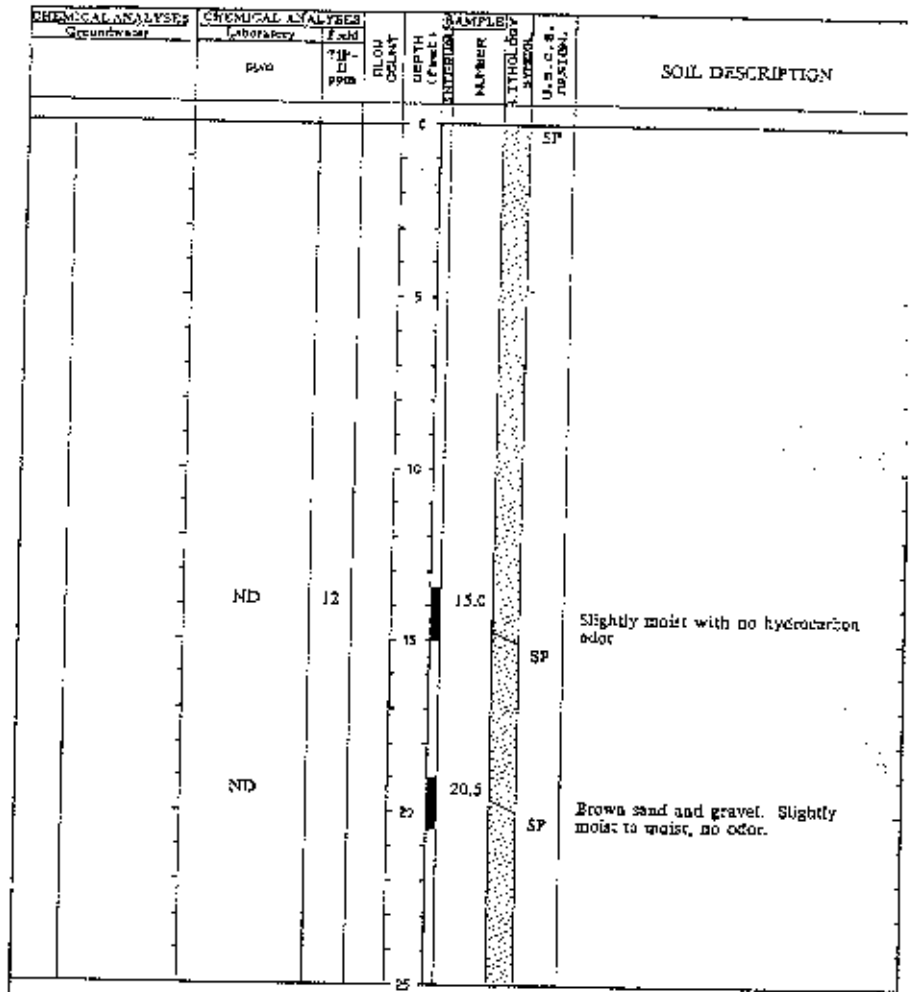
PLATE 11



THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021 April 1989

WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-11

PLATE 11



Surface Elevation: 364.5 feet
Total Depth: 30.0 feet
Date Drilled: December 7, 1988

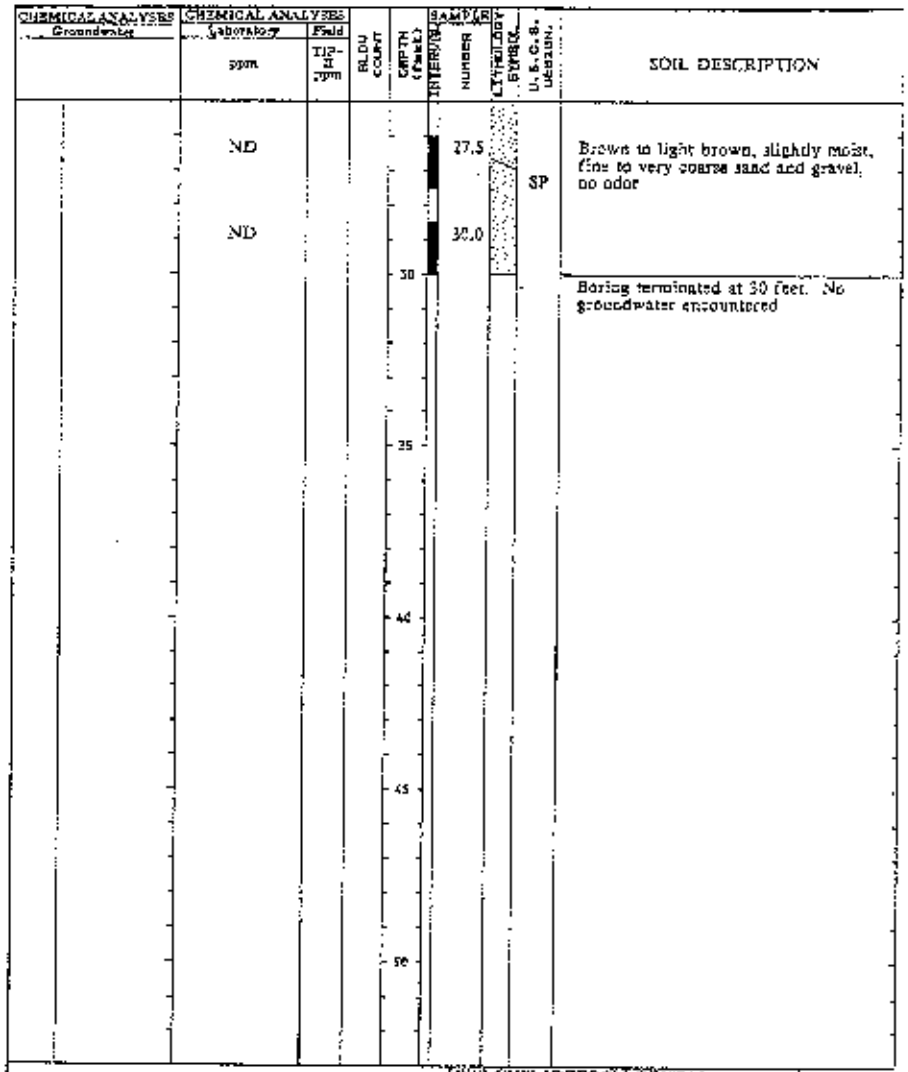
Logged By: C. Hulick
Supervised By: T. Dixon
Diameter of Boring: 10 inches
Water Encountered at: feet

THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"

Project Number 1E-1021 April 1989

WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-12

PLATE 12

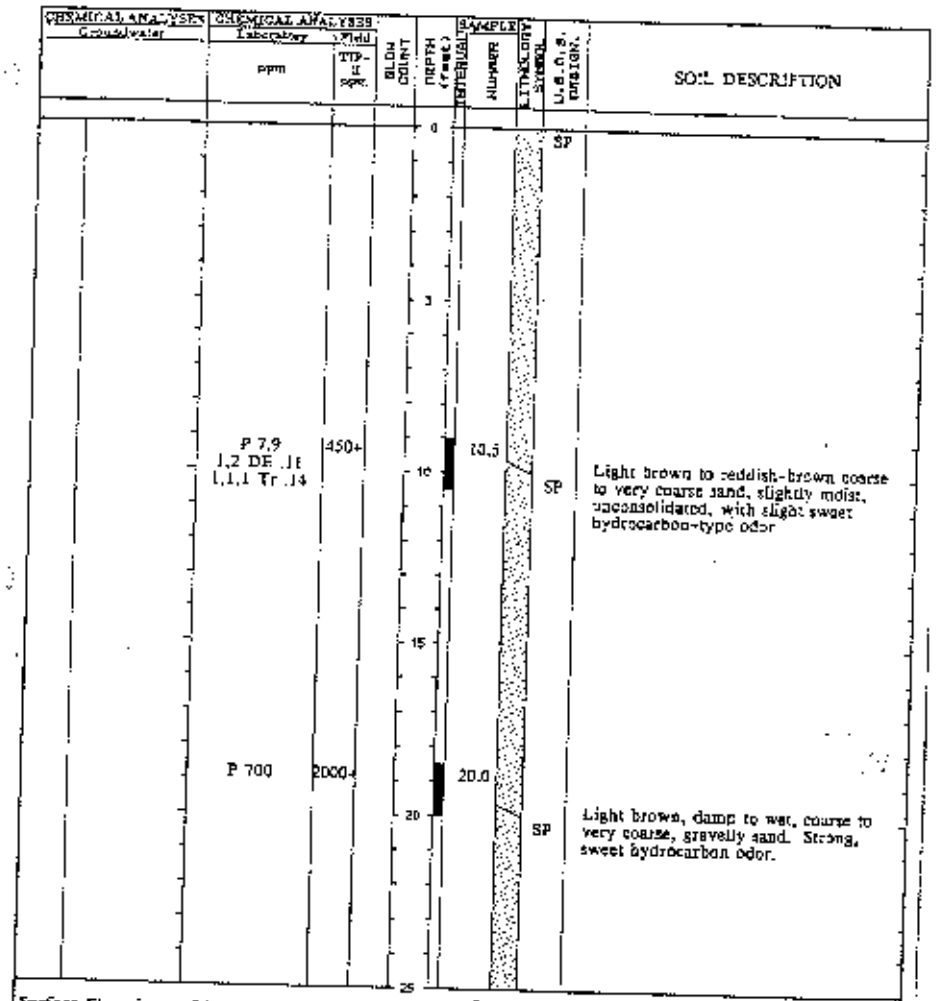


THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"

Project Number 1E-1021 April 1989

WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-12

PLATE 12



Surface Elevation: 364.6 feet
Total Depth: 69.0 feet
Date Drilled: December 7, 1988

Logged By: C. Hulick
Supervised By: T. Dixon
Diameter of Boring: 10 inches
Water Encountered at: 34.0 feet

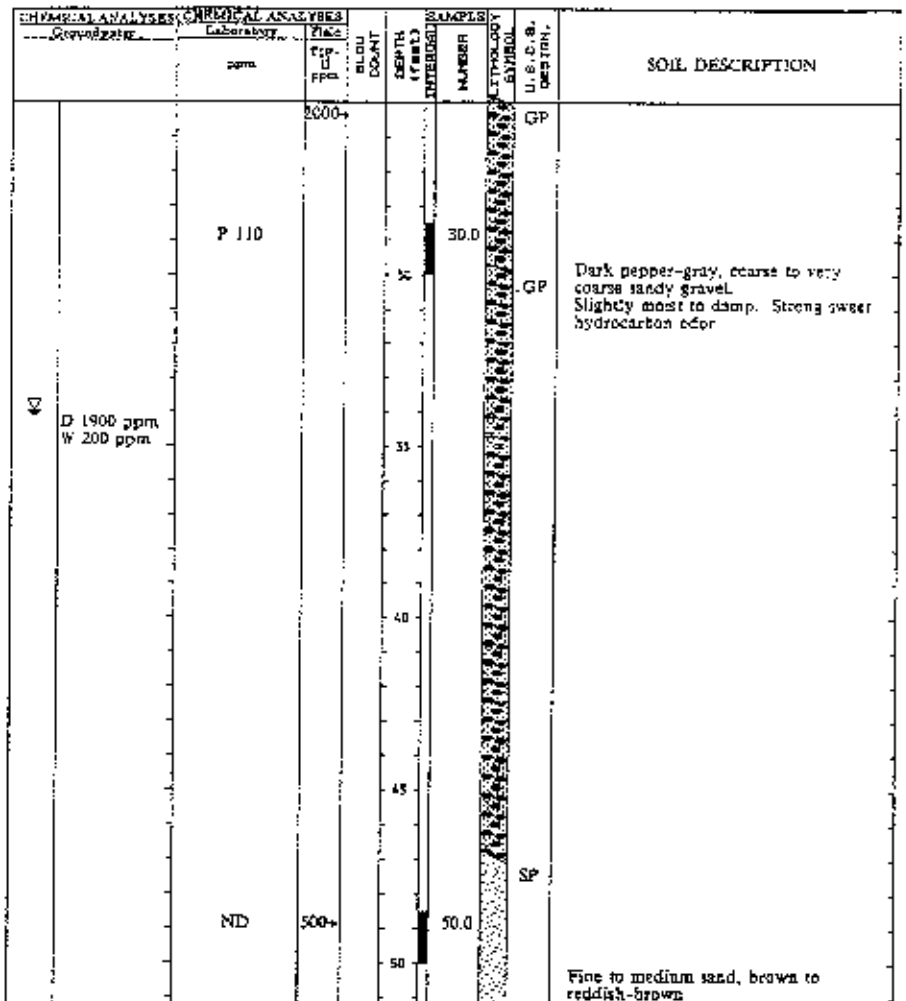
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"

Project Number 1E-1021 April 1989

WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-13

PLATE 13

Page 1 of 3



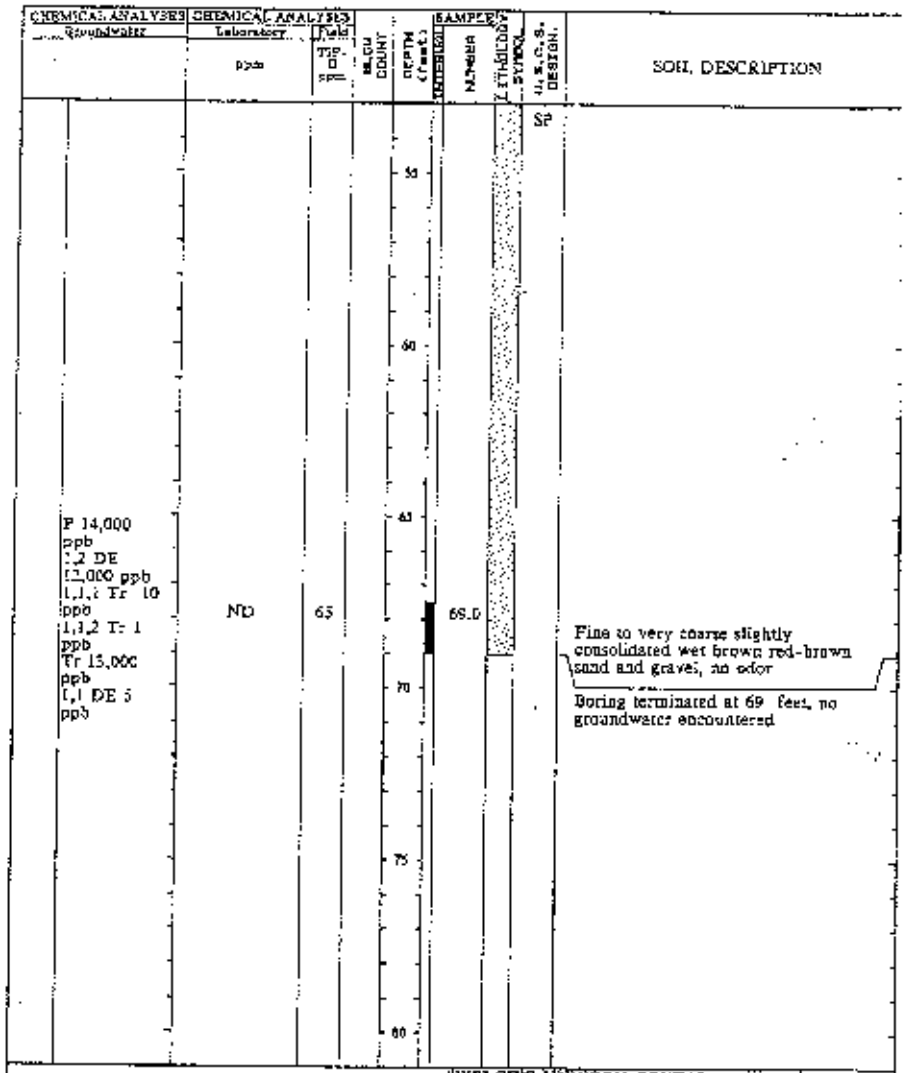
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"

Project Number 1E-1021 April 1989

WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-13

PLATE 13

Page 2 of 3



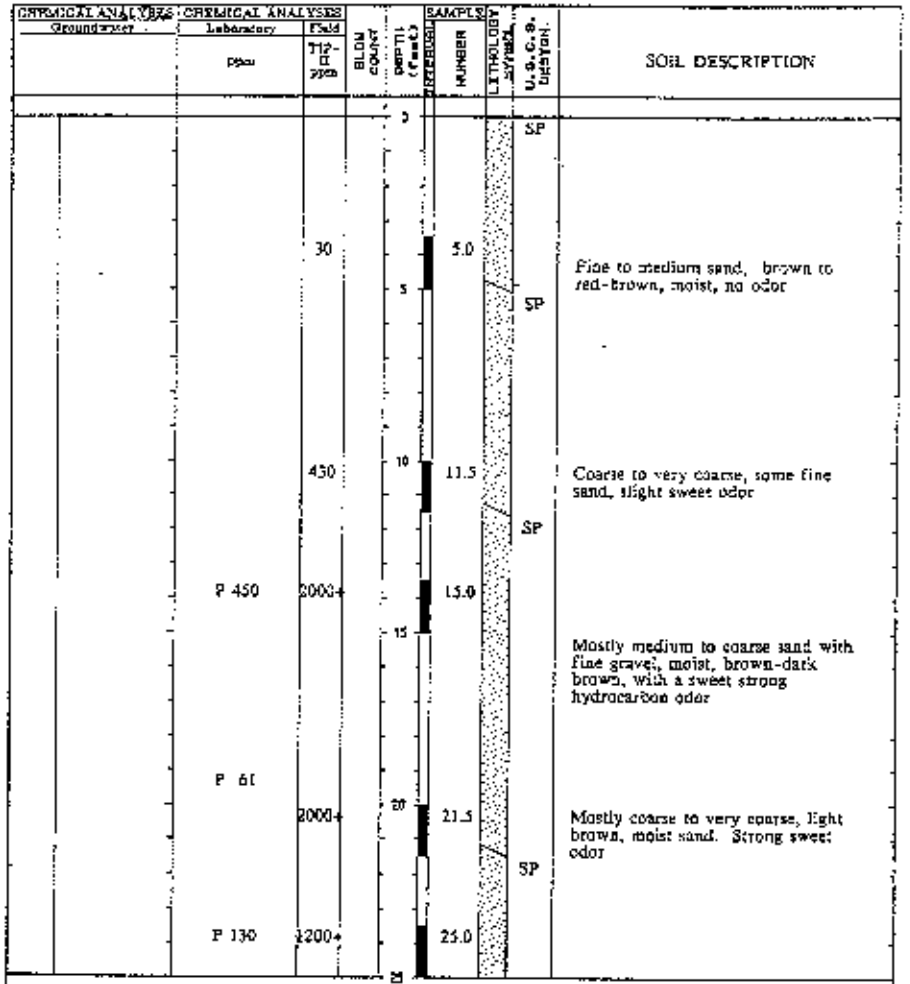
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"

Project Number 1E-1021 April 1989

WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-13

PLATE 13

Page 3 of 3



Surface Elevation: 364.7 feet
Total Depth: 30.0 feet
Date Drilled: December 7, 1988

Logged By: C. Hallek
Supervised By: T. Dixon
Diameter of Boring: 10 inches
Water Encountered at: feet

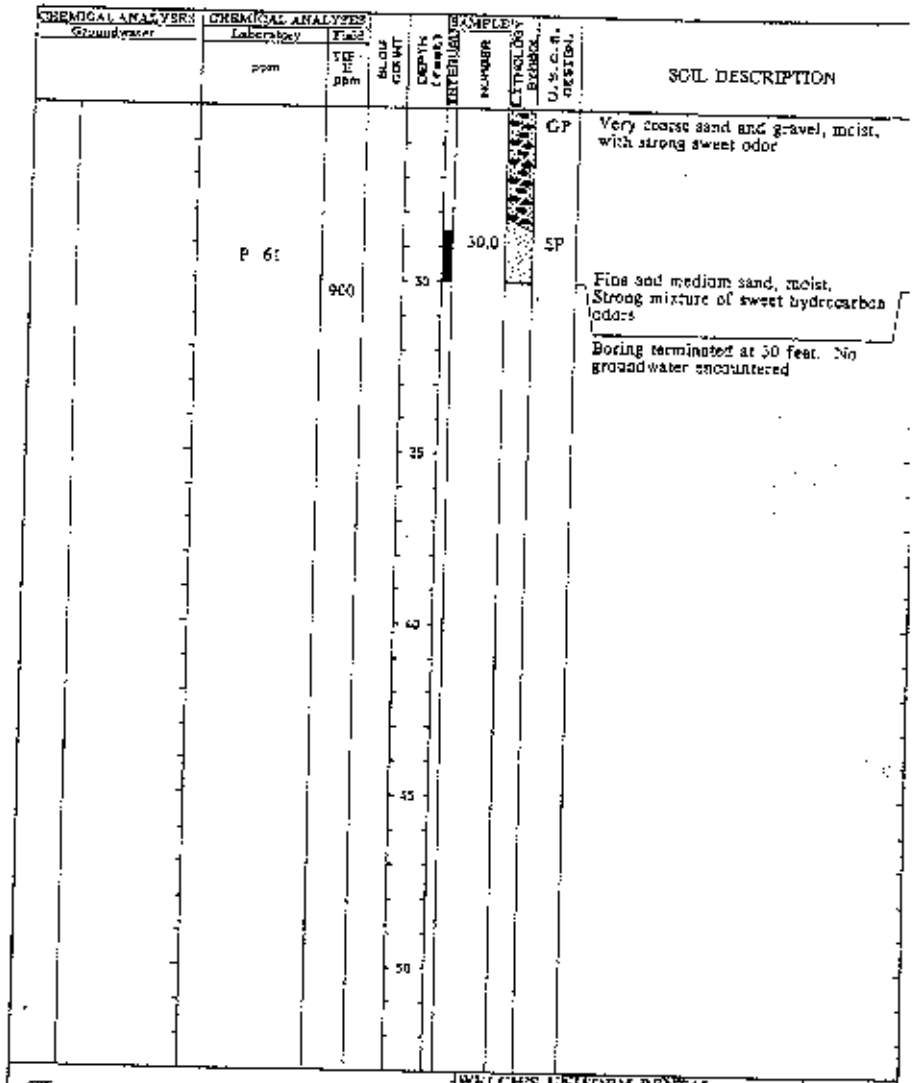
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"

Project Number 1E-1021 April 1989

WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-14

PLATE 14

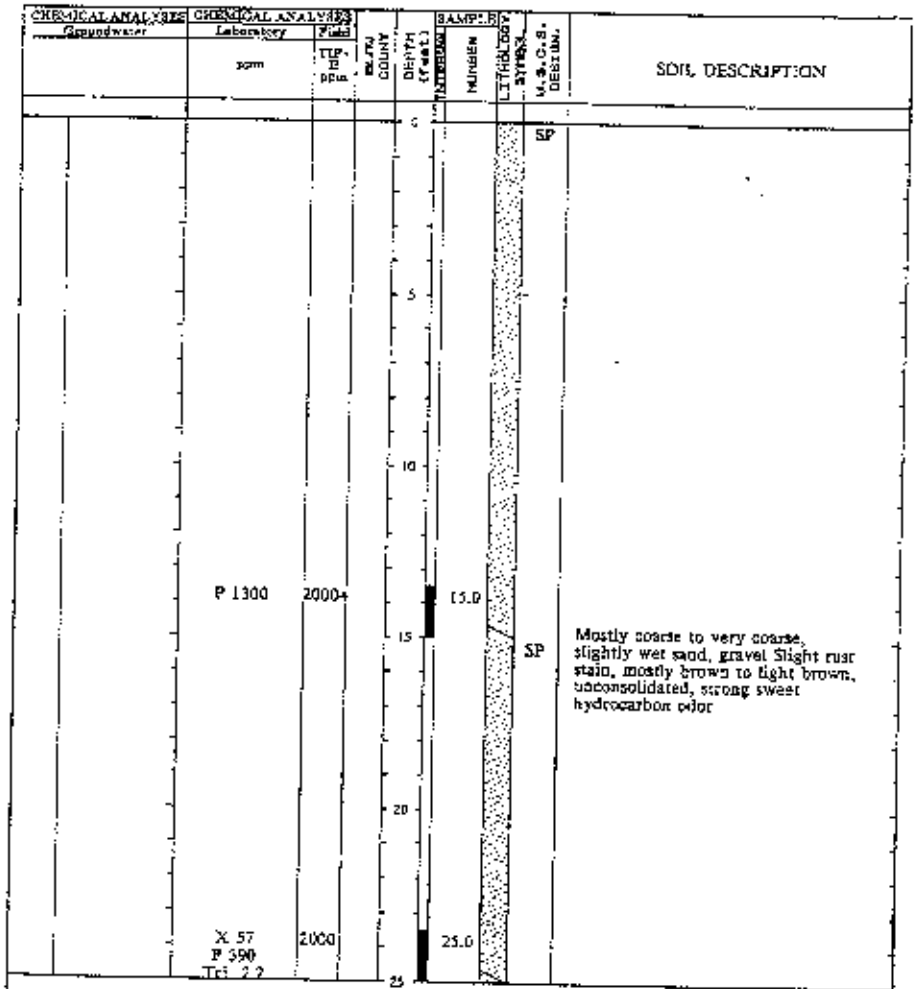
Page 1 of 2



THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021 April 1989

WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-14

PLATE 14
Page 2 of 2



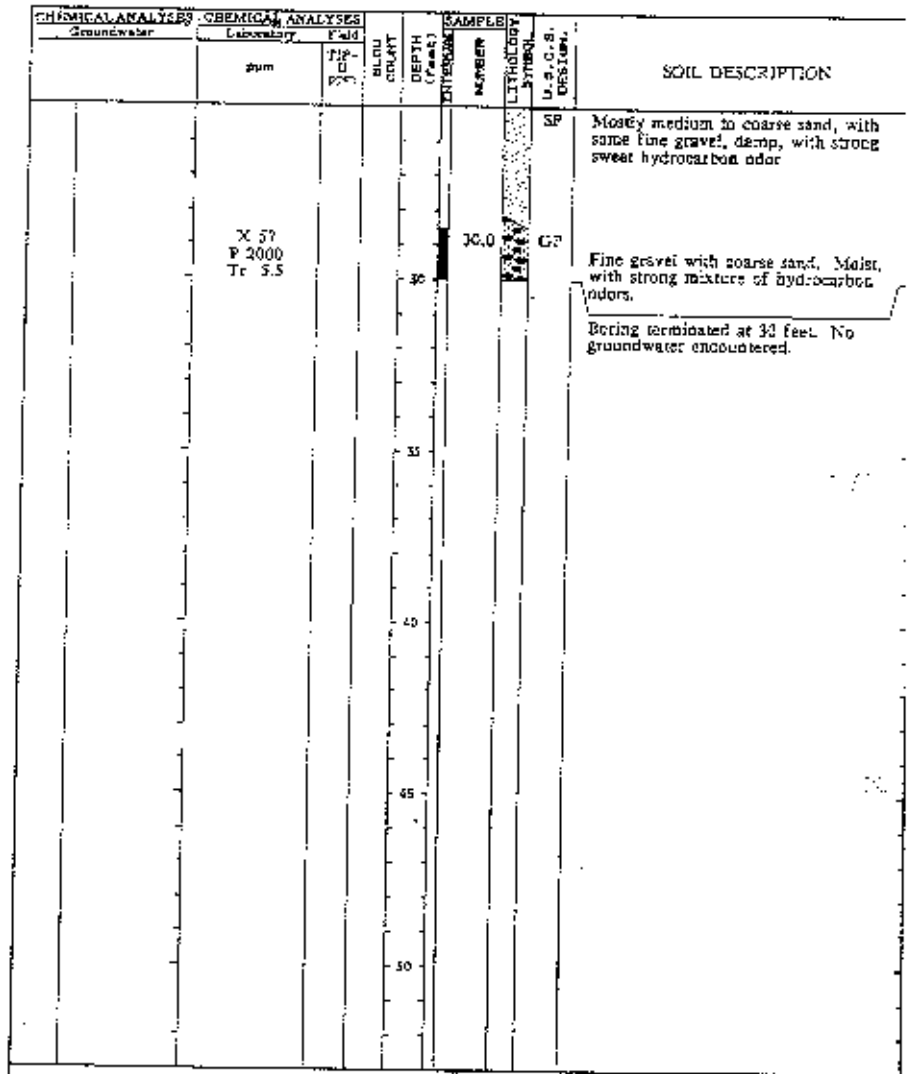
Surface Elevation: 364.7 feet
Total Depth: 30.0 feet
Date Drilled: December 8, 1988

Logged By: C. Hullck
Supervised By: T. Dixon
Diameter of Boring: 10 inches
Water Encountered at: feet

THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021 April 1989

WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-15

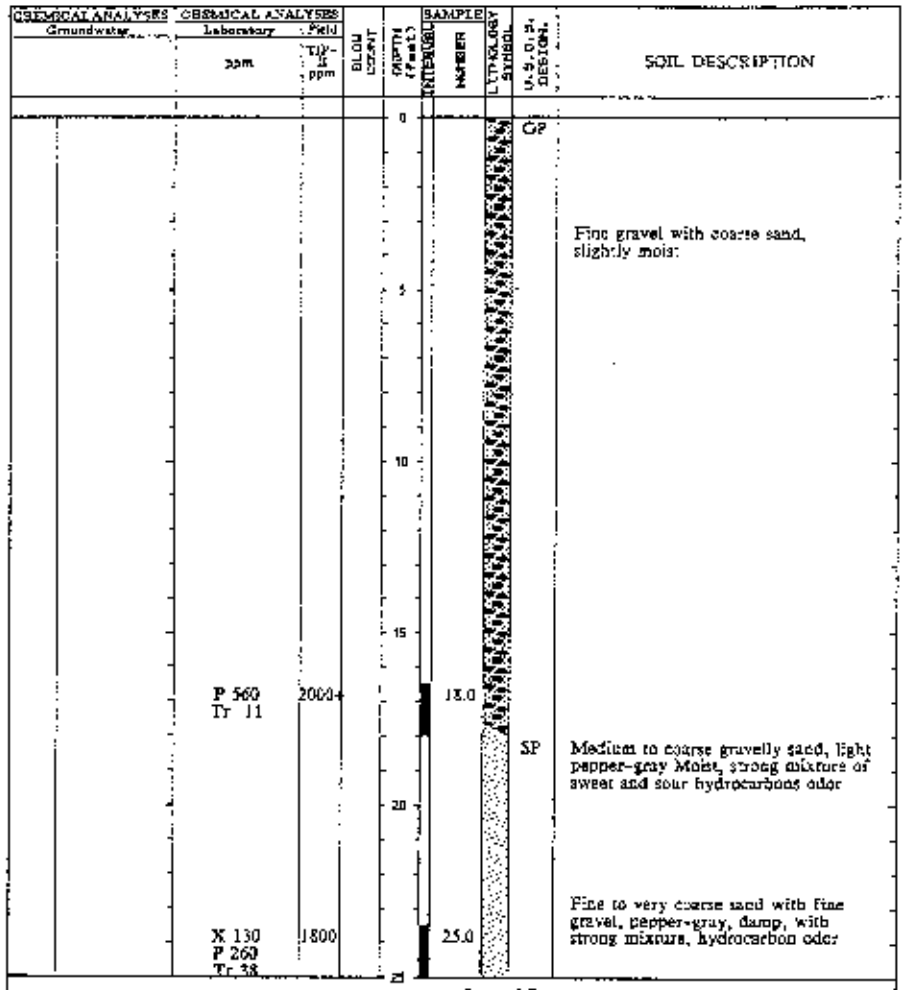
PLATE 15
Page 1 of 2



THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021 April 1989

WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-15

PLATE 15
Page 2 of 2



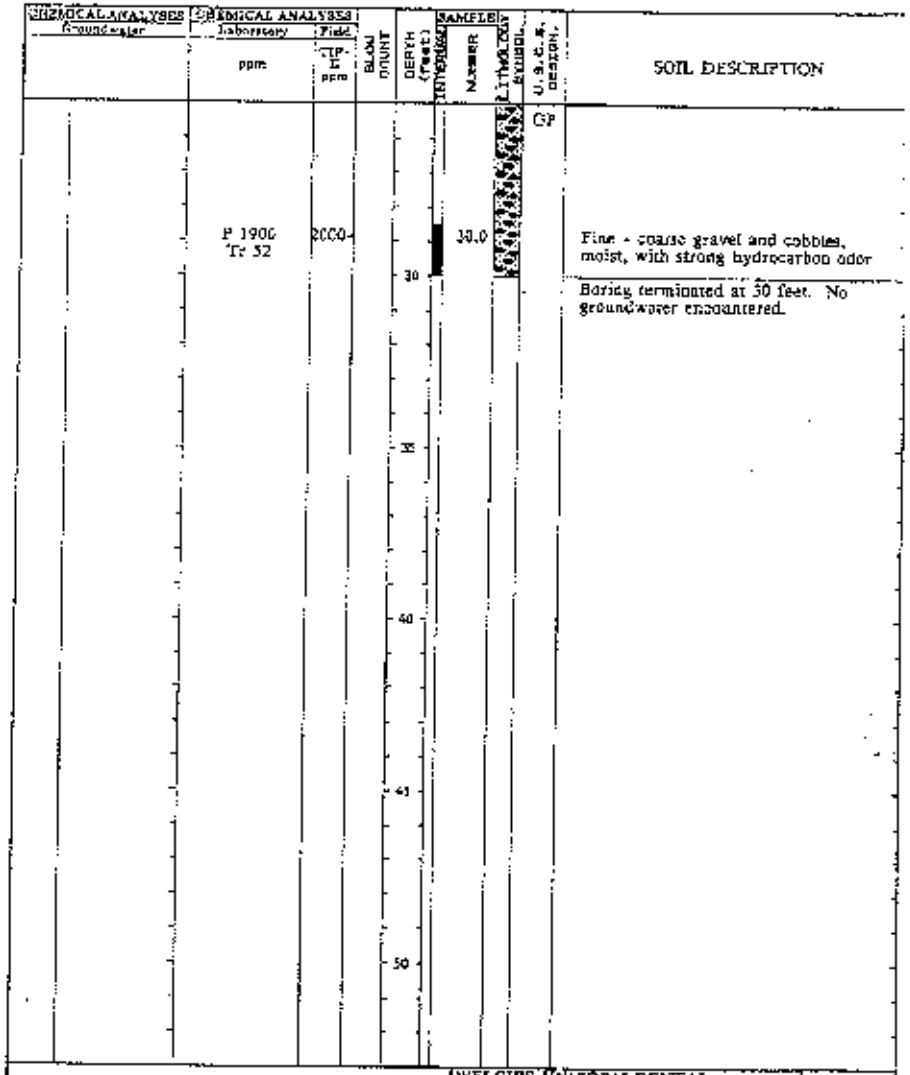
Surface Elevation: 364.7 feet
Total Depth: 30.0 feet
Date Drilled: December 8, 1988

Logged By: C. Hulick
Supervised By: T. Dixon
Diameter of Boring: 10 inches
Water Encountered at: feet

THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021 April 1989

WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-16

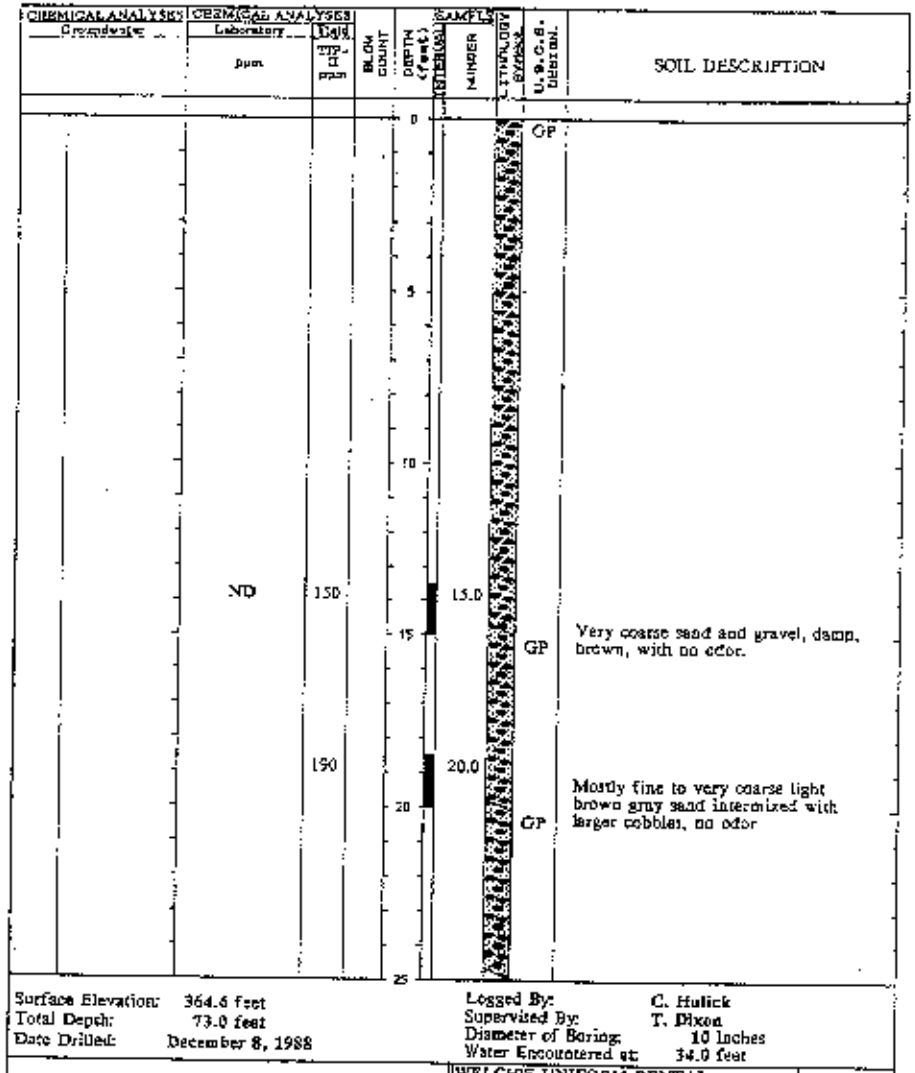
PLATE 16
Page 1 of 2



THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021 April 1989

WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-16

PLATE 16
Page 2 of 2



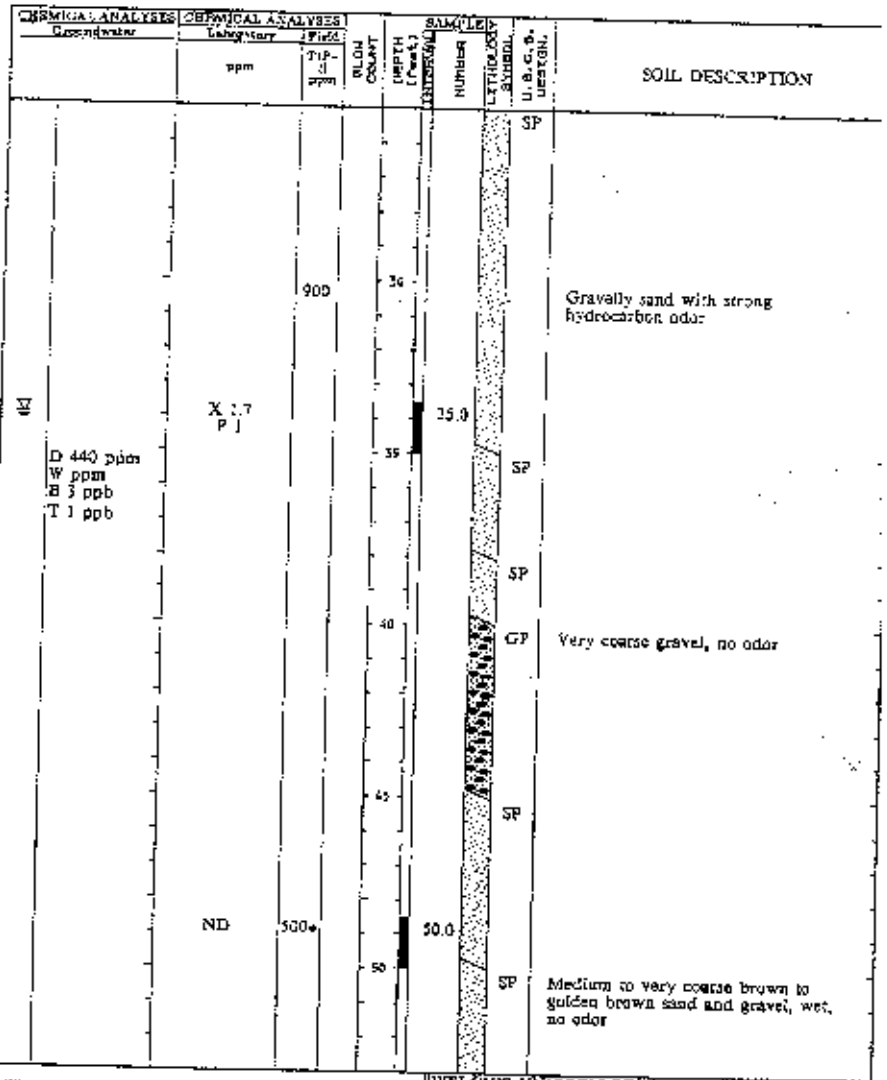
Surface Elevation: 364.6 feet
Total Depth: 73.0 feet
Date Drilled: December 8, 1988

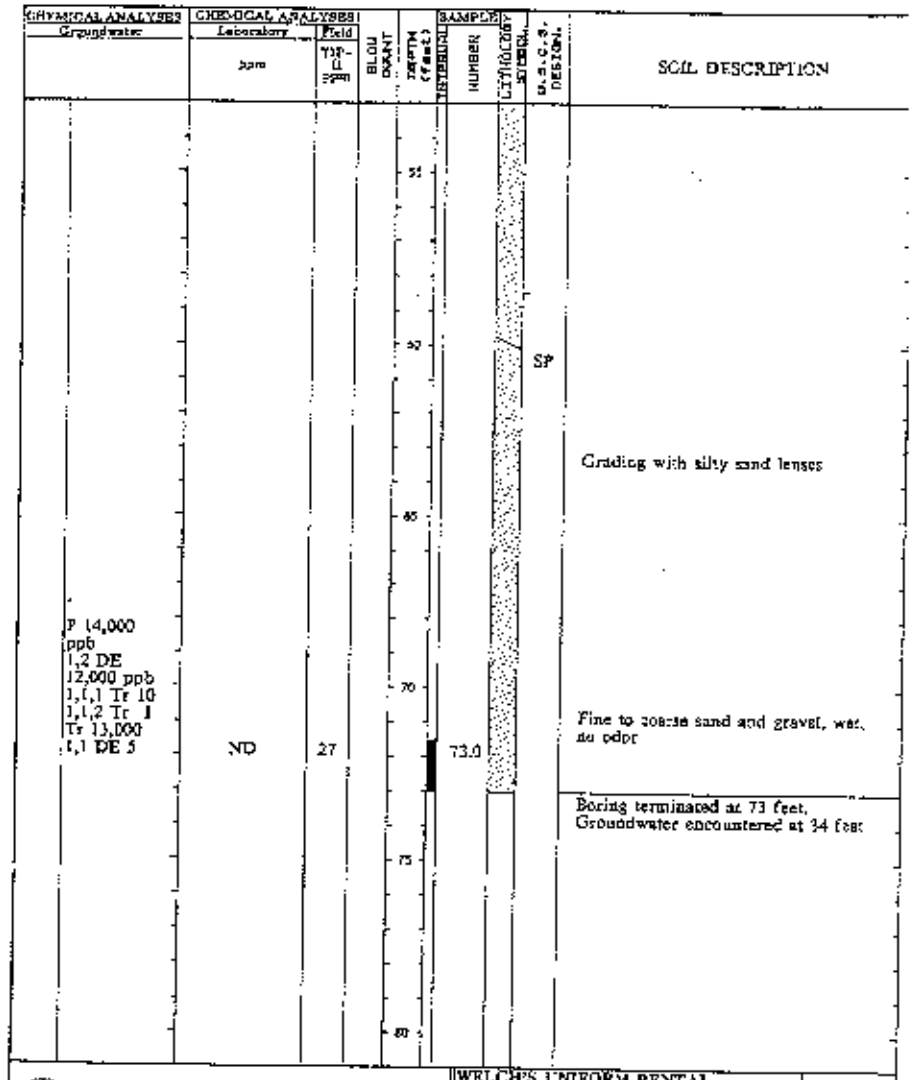
Logged By: C. Hulick
Supervised By: T. Dixon
Diameter of Boring: 10 Inches
Water Encountered at: 34.0 feet

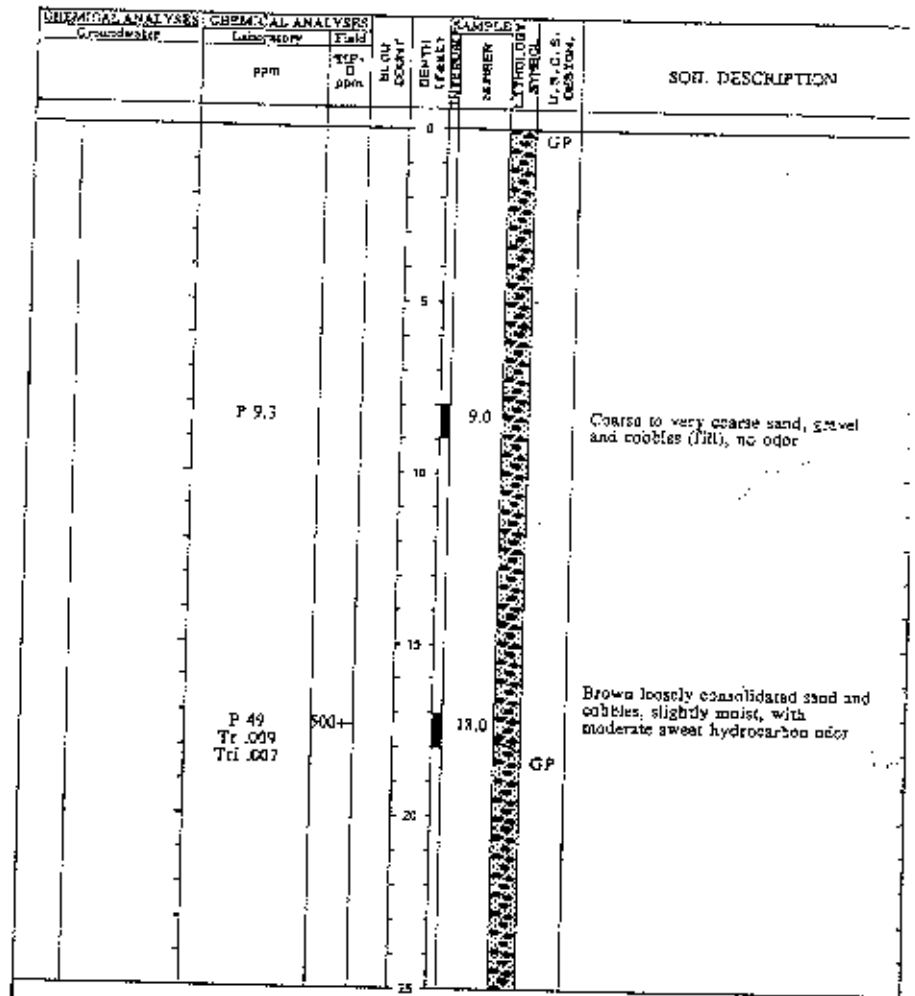
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021 April 1989

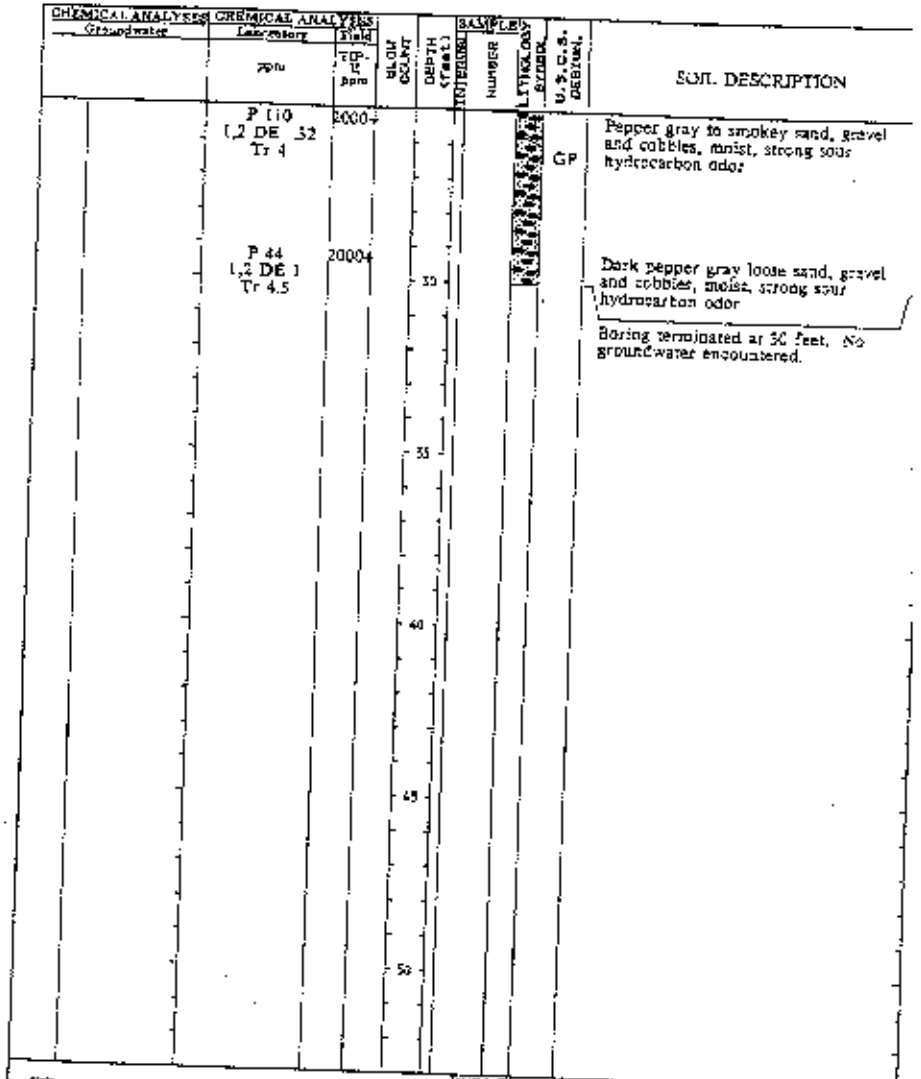
WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-17

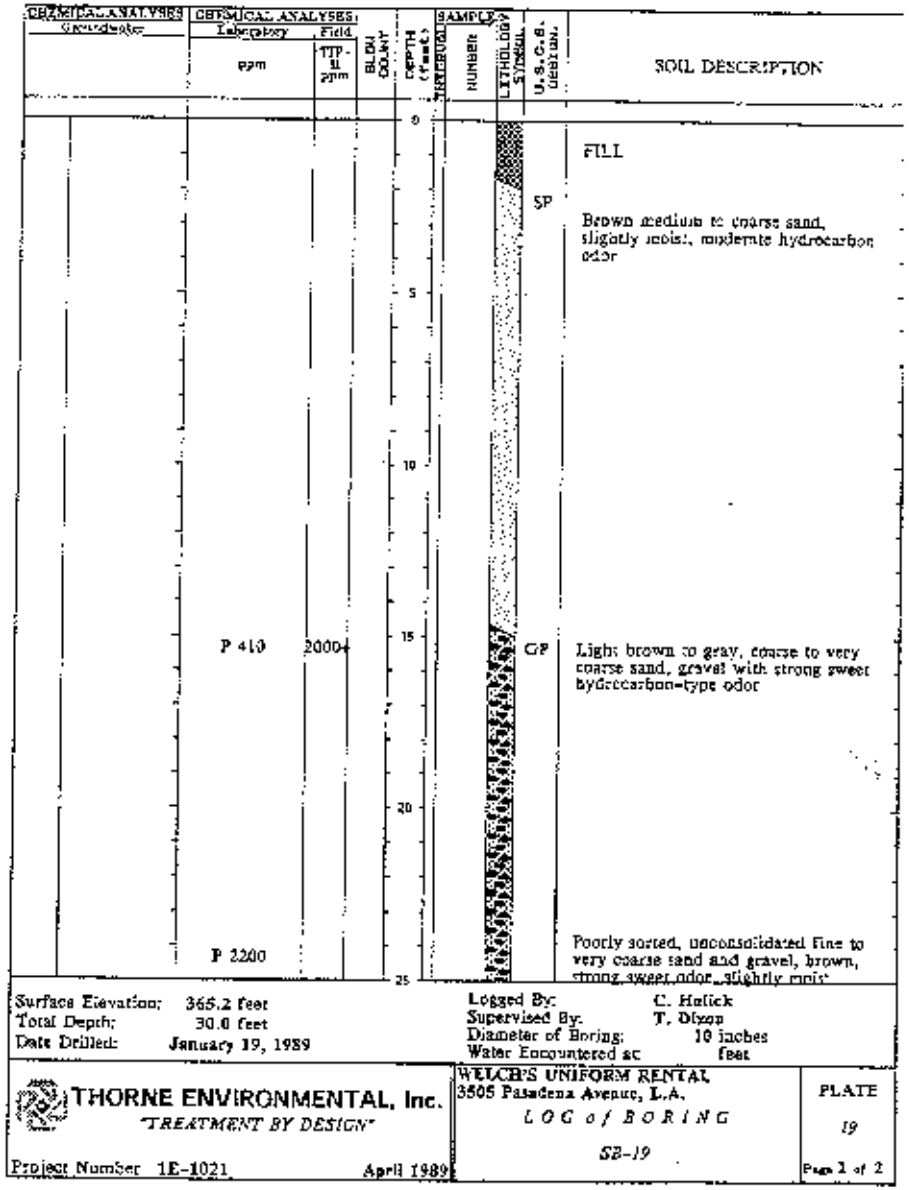
PLATE 17
Page 1 of 3

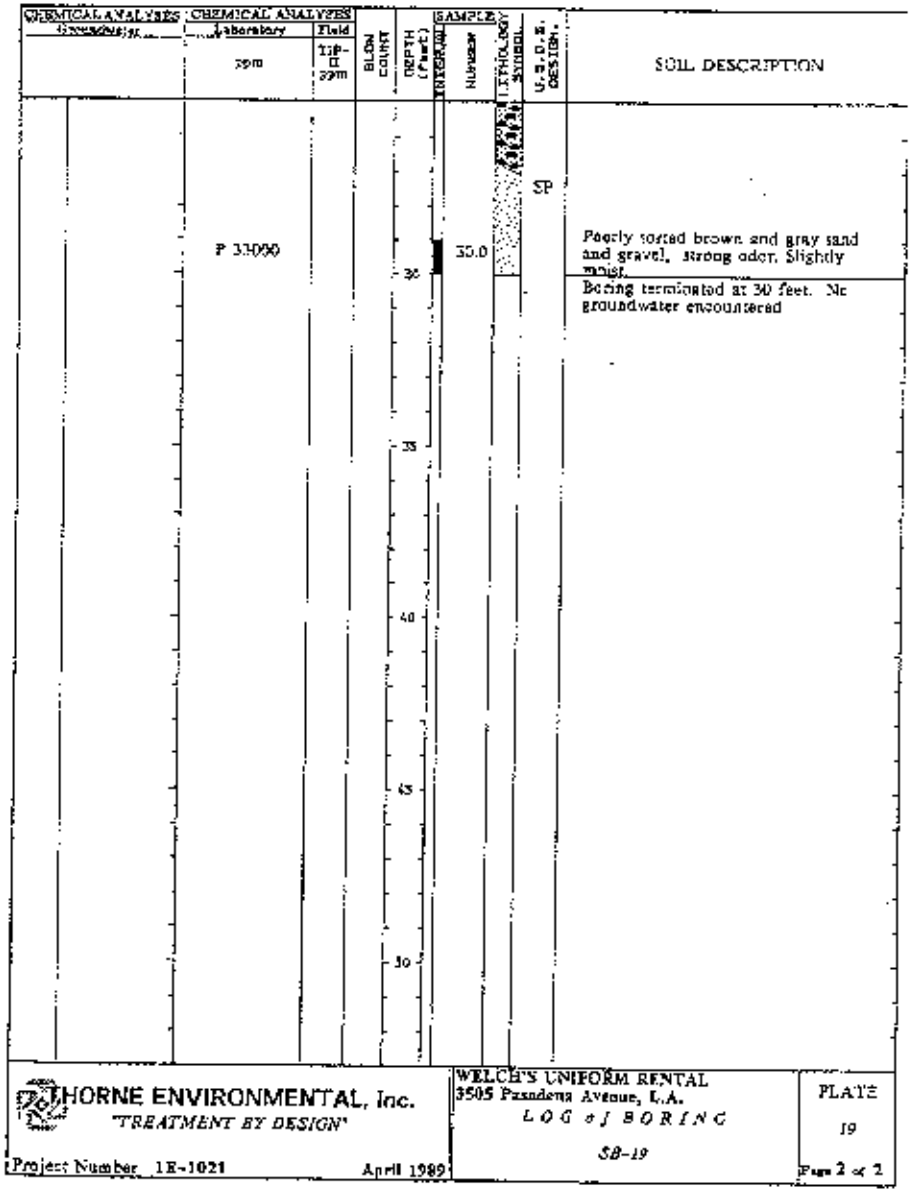

CHEMICAL ANALYSES
Groundwater
CHEMICAL ANALYSES
Laboratory
ppm
Field
TVP-FID ppm
BLOW COUNT
DEPTH (Feet)
SAMPLE
NUMBER
LITHOLOGY SYMBOL
U.S.C.S. DESIGN.
SOIL DESCRIPTION
SP
900
Gravelly sand with strong hydrocarbon odor
D 440 ppm
W ppm
B 3 ppb
T 1 ppb
X 1.7
P 1
35.0
SP
SP
GP
Very coarse gravel, no odor
SP
ND
500+
50.0
SP
Medium to very coarse brown to golden brown sand and gravel, wet, no odor
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021
April 1989
WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-17
PLATE
17
Page 2 of 3

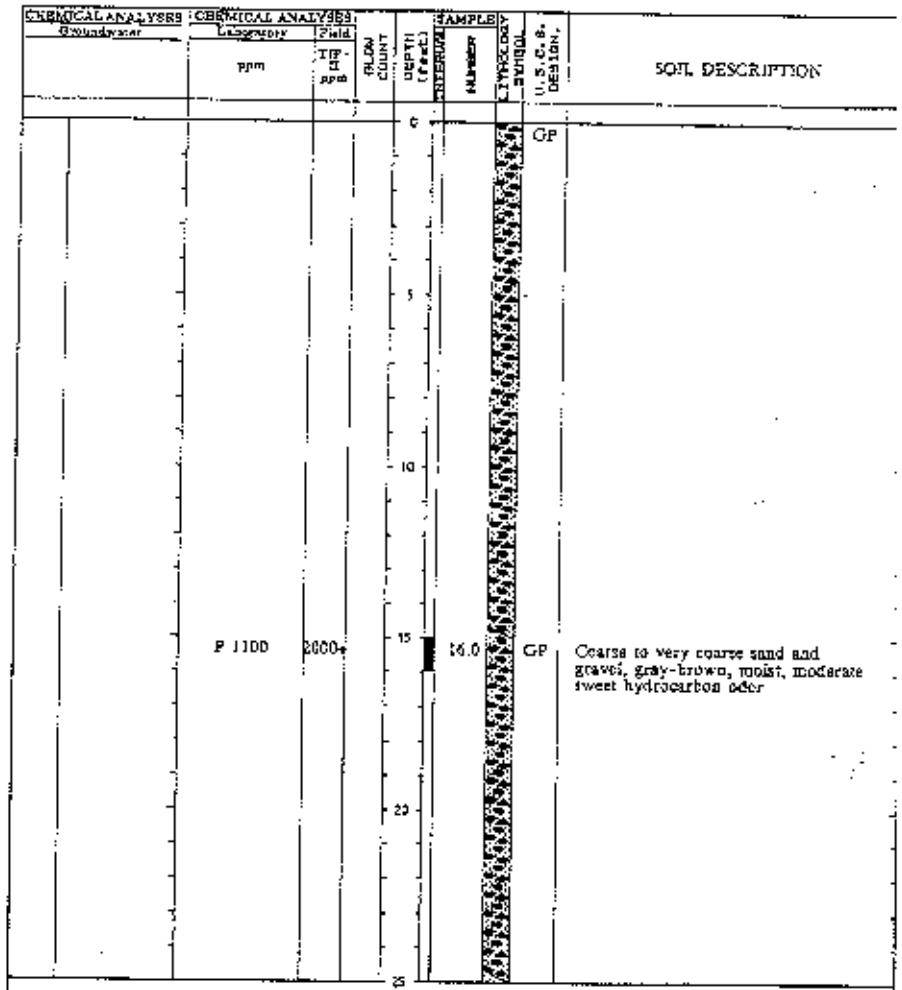

CHEMICAL ANALYSES
Groundwater
CHEMICAL ANALYSES
Laboratory
ppm
Field
TVP-FID ppm
BLOW COUNT
DEPTH (Feet)
SAMPLE
NUMBER
LITHOLOGY SYMBOL
U.S.C.S. DESIGN.
SOIL DESCRIPTION
55
60
65
70
75
80
SP
Grading with silty sand lenses
P 14,000 ppb
1,2 DE 12,000 ppb
1,1,1 Tr 10
1,1,2 Tr 1
Tr 13,000
1,1 DE 5
ND
27
73.0
Fine to coarse sand and gravel, wet, no odor
Boring terminated at 73 feet. Groundwater encountered at 34 feet
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021
April 1989
WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-17
PLATE
17
Page 3 of 3


CHEMICAL ANALYSES Groundwater
CHEMICAL ANALYSES Laboratory
ppm
Field TIP, OI ppm
BLOW COUNT
DEPTH (Feet)
SAMPLES INTERVAL
NUMBER
LITHOLOGY SYMBOL
U.S.C.S. DESIGN.
SOIL DESCRIPTION
GP
P 9.3
9.0
Coarse to very coarse sand, gravel and cobbles (fill), no odor
P 49
Tr .009
Tri .007
500+
18.0
Brown loosely consolidated sand and cobbles, slightly moist, with moderate sweet hydrocarbon odor
GP
Surface Elevation: 364.9 feet
Total Depth: 30.0 feet
Date Drilled: January 19, 1989
Logged By: C. Hulick
Supervised By: T. Dixon
Diameter of Boring: 10 inches
Water Encountered at: feet
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021
April 1989
WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-18
PLATE
18
Page 1 of 2


CHEMICAL ANALYSES Groundwater
CHEMICAL ANALYSES Laboratory
ppm
Field TIP, OI ppm
BLOW COUNT
DEPTH (Feet)
SAMPLES INTERVAL
NUMBER
LITHOLOGY SYMBOL
U.S.C.S. DESIGN.
SOIL DESCRIPTION
P 110
1,2 DE .52
Tr 4
2000+
GP
Pepper gray to smokey sand, gravel and cobbles, moist, strong sour hydrocarbon odor
P 44
1,2 DE 1
Tr 4.5
2000+
Dark pepper gray loose sand, gravel and cobbles, moist, strong sour hydrocarbon odor
Boring terminated at 30 feet. No groundwater encountered.
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021
April 1989
WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-18
PLATE
18
Page 2 of 2


CHEMICAL ANALYSES Groundwater
CHEMICAL ANALYSES Laboratory
ppm
Field
TIP-FI ppm
BLOW COUNT
DEPTH (Feet)
SAMPLE INTERVAL
NUMBER
LITHOLOGY SYMBOL
U.S.C.S. DESIGN.
SOIL DESCRIPTION
0
5
10
15
20
25
FILL
SP
Brown medium to coarse sand, slightly moist, moderate hydrocarbon odor
P 410
2000+
GP
Light brown to gray, coarse to very coarse sand, gravel with strong sweet hydrocarbon-type odor
P 2200
Poorly sorted, unconsolidated fine to very coarse sand and gravel, brown, strong sweet odor, slightly moist
Surface Elevation: 365.2 feet
Total Depth: 30.0 feet
Date Drilled: January 19, 1989
Logged By: C. Hollick
Supervised By: T. Dixon
Diameter of Boring: 10 inches
Water Encountered at: feet
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021
April 1989
WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-19
PLATE
19
Page 1 of 2


CHEMICAL ANALYSES Groundwater
CHEMICAL ANALYSES Laboratory
ppm
Field
TIP-FI ppm
BLOW COUNT
DEPTH (Feet)
SAMPLE INTERVAL
NUMBER
LITHOLOGY SYMBOL
U.S.C.S. DESIGN.
SOIL DESCRIPTION
30
35
40
45
50
P 33000
30.0
SP
Poorly sorted brown and gray sand and gravel, strong odor, slightly moist.
Boring terminated at 30 feet. No groundwater encountered
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021
April 1989
WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-19
PLATE
19
Page 2 of 2



Surface Elevation: 364.6 feet
Total Depth: 70.0 feet
Date Drilled: January 20, 1989

Logged By: C. Hulick
Supervised By: T. Dixon
Diameter of Boring: 10 inches
Water Encountered at: 33.0 feet

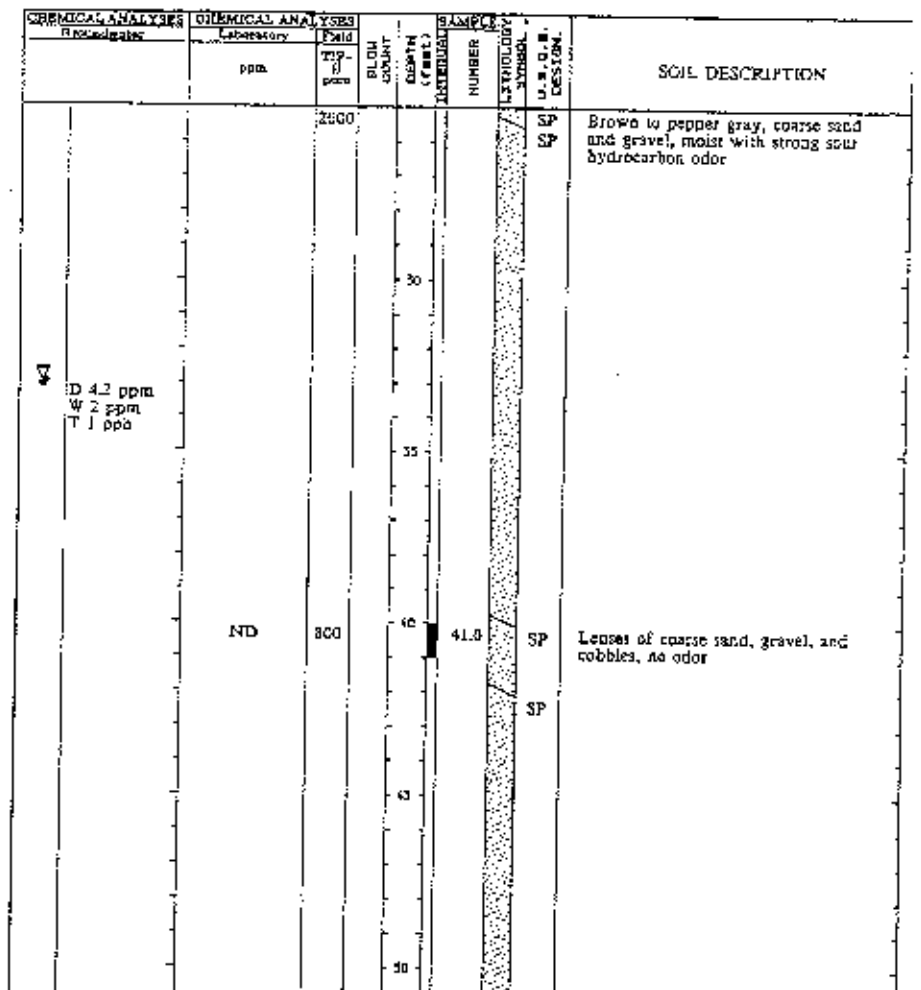
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"

Project Number 1E-1021 April 1989

WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-20

PLATE 20

Page 1 of 3



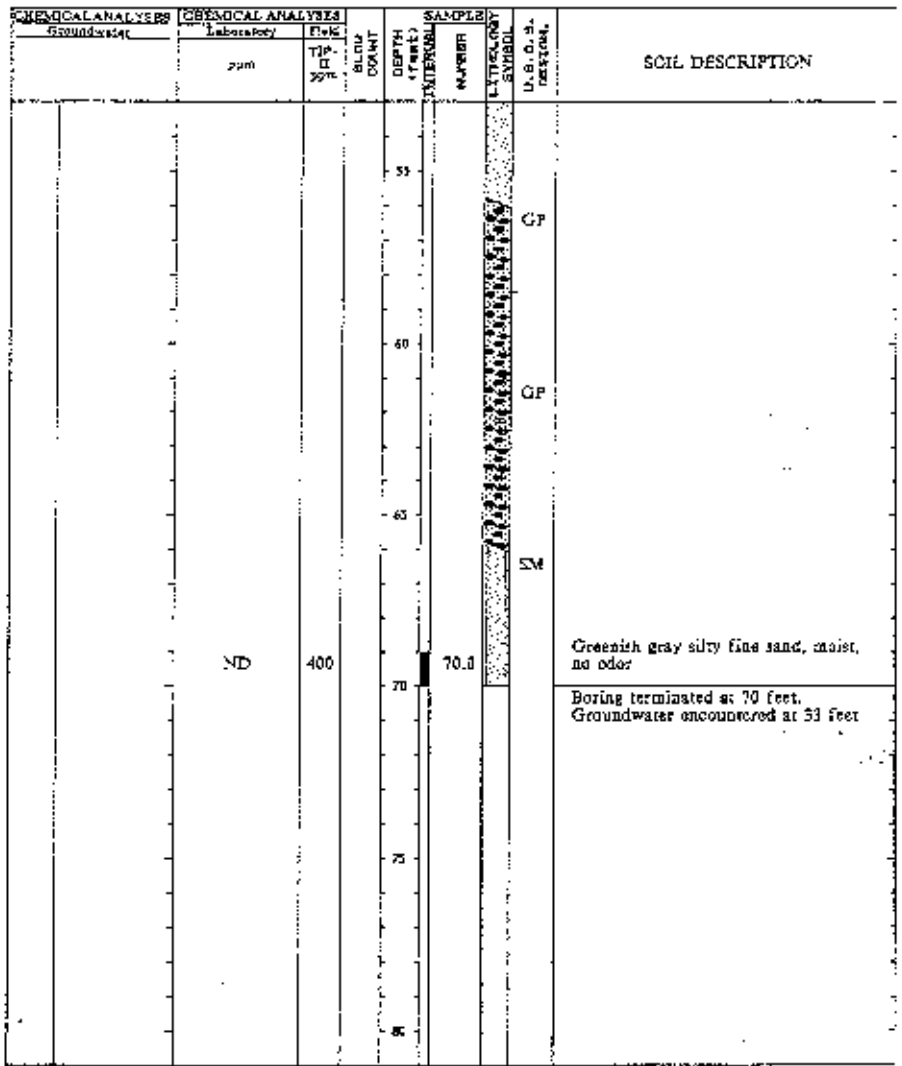
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"

Project Number 1E-1021 April 1989

WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-20

PLATE 20

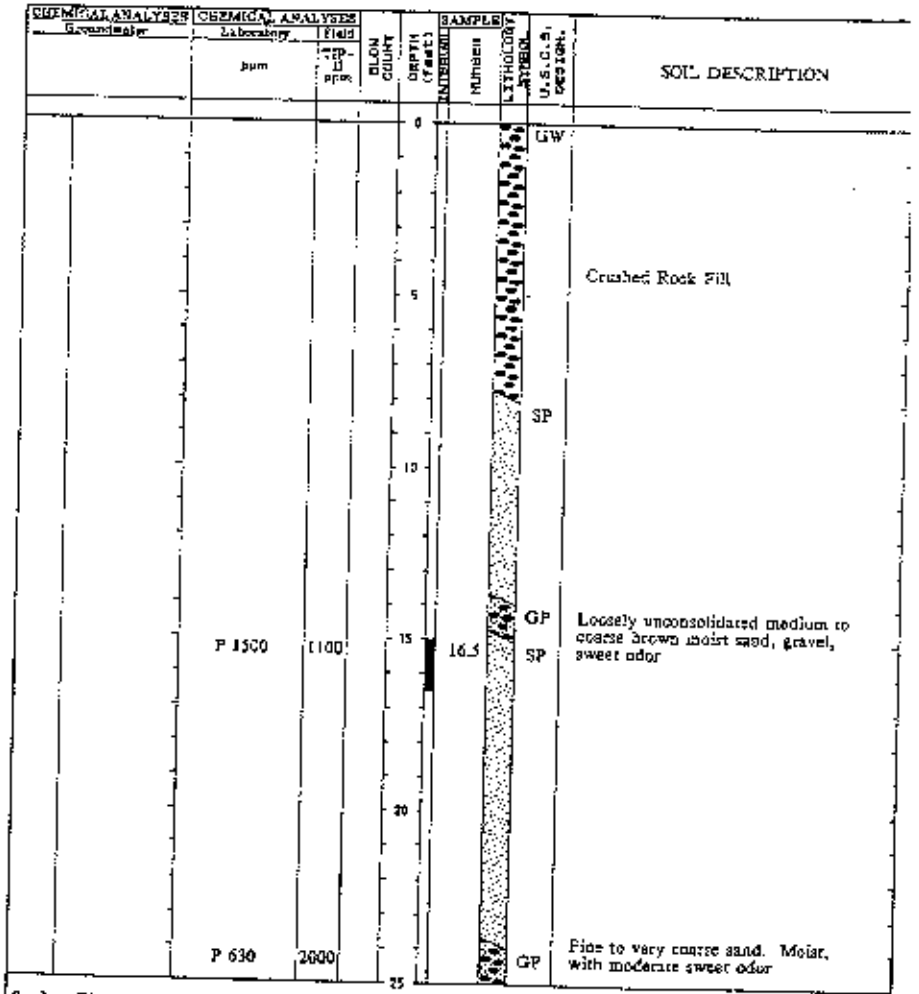
Page 2 of 3



THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021 April 1989

WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-20

PLATE 20
Page 3 of 3



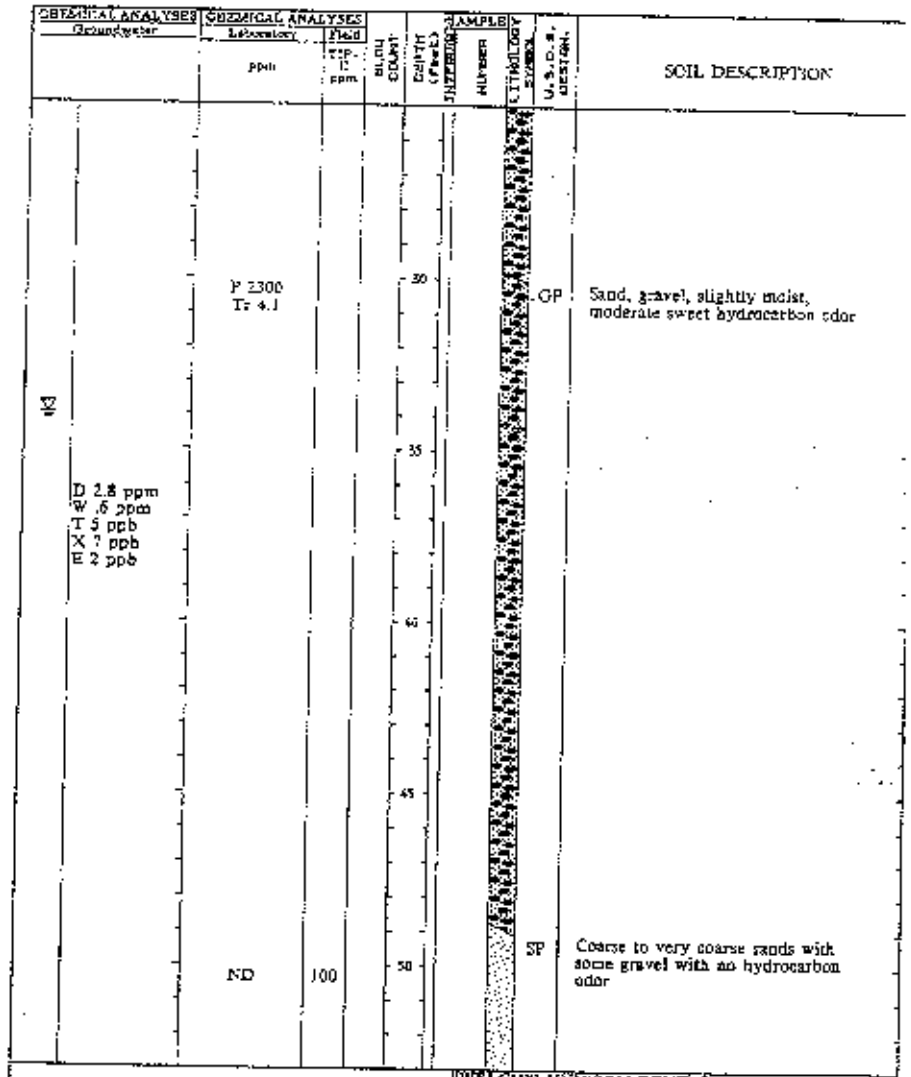
Surface Elevation: 364.7 feet
Total Depth: 70.0 feet
Date Drilled: January 20, 1989

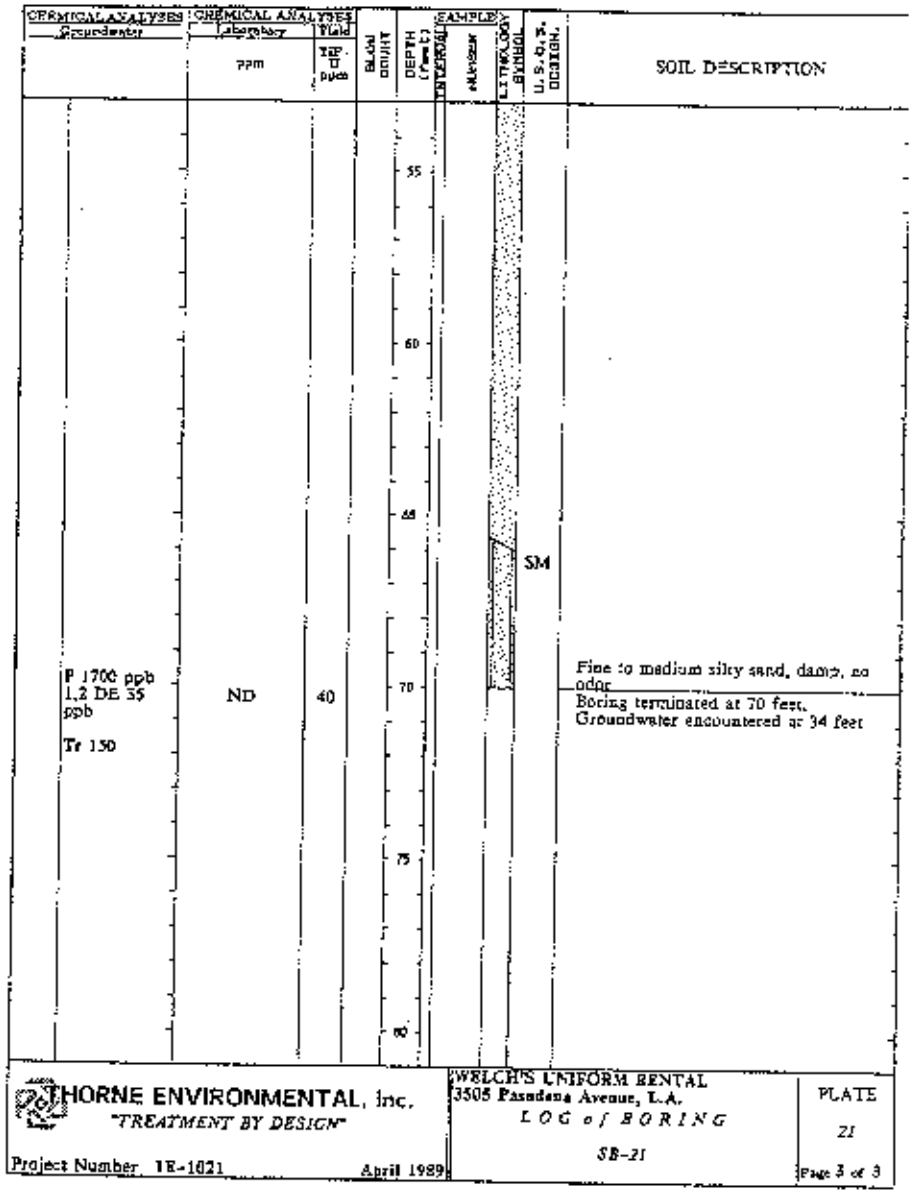
Logged By: C. Hulick
Supervised By: T. Dixon
Diameter of Boring: 10 inches
Water Encountered at: 34.0 feet

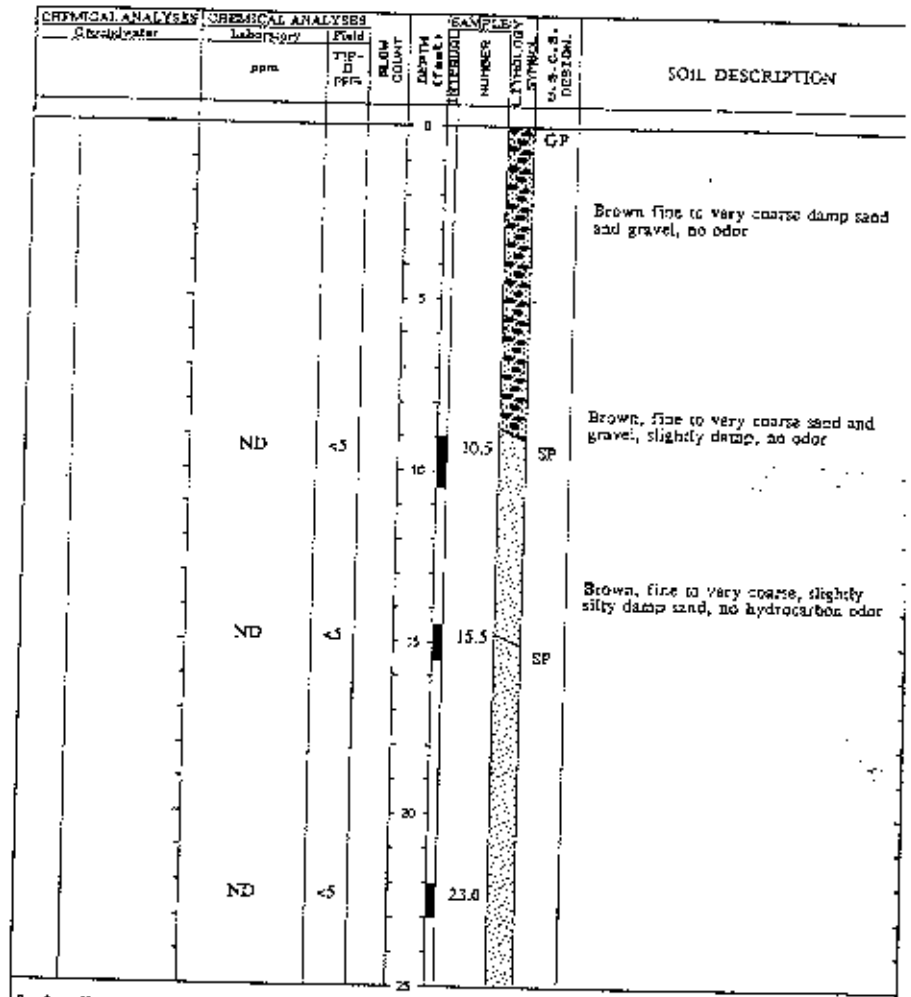
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021 April 1989

WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-21

PLATE 21
Page 1 of 3


CHEMICAL ANALYSES Groundwater
CHEMICAL ANALYSES Laboratory
ppm
Field
ppm
BLOW COUNT
DEPTH (Feet)
SAMPLE INTERVAL
NUMBER
LITHOLOGY SYMBOL
U.S.C.S. DESIGN.
SOIL DESCRIPTION
P 2300
Tr 4.1
D 2.8 ppm
W .6 ppm
T 5 ppb
X ? ppb
E 2 ppb
ND
100
GP
Sand, gravel, slightly moist, moderate sweet hydrocarbon odor
SP
Coarse to very coarse sands with some gravel with no hydrocarbon odor
35
40
45
50
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021
April 1989
WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-21
PLATE
21
Page 2 of 3


CHEMICAL ANALYSES Groundwater
CHEMICAL ANALYSES Laboratory
ppm
Field
ppm
BLOW COUNT
DEPTH (Feet)
SAMPLE INTERVAL
NUMBER
LITHOLOGY SYMBOL
U.S.C.S. DESIGN.
SOIL DESCRIPTION
P 1700 ppb
1,2 DE 55 ppb
Tr 150
ND
40
55
60
65
70
75
80
SM
Fine to medium silty sand, damp, no odor
Boring terminated at 70 feet.
Groundwater encountered at 34 feet
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021
April 1989
WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-21
PLATE
21
Page 3 of 3



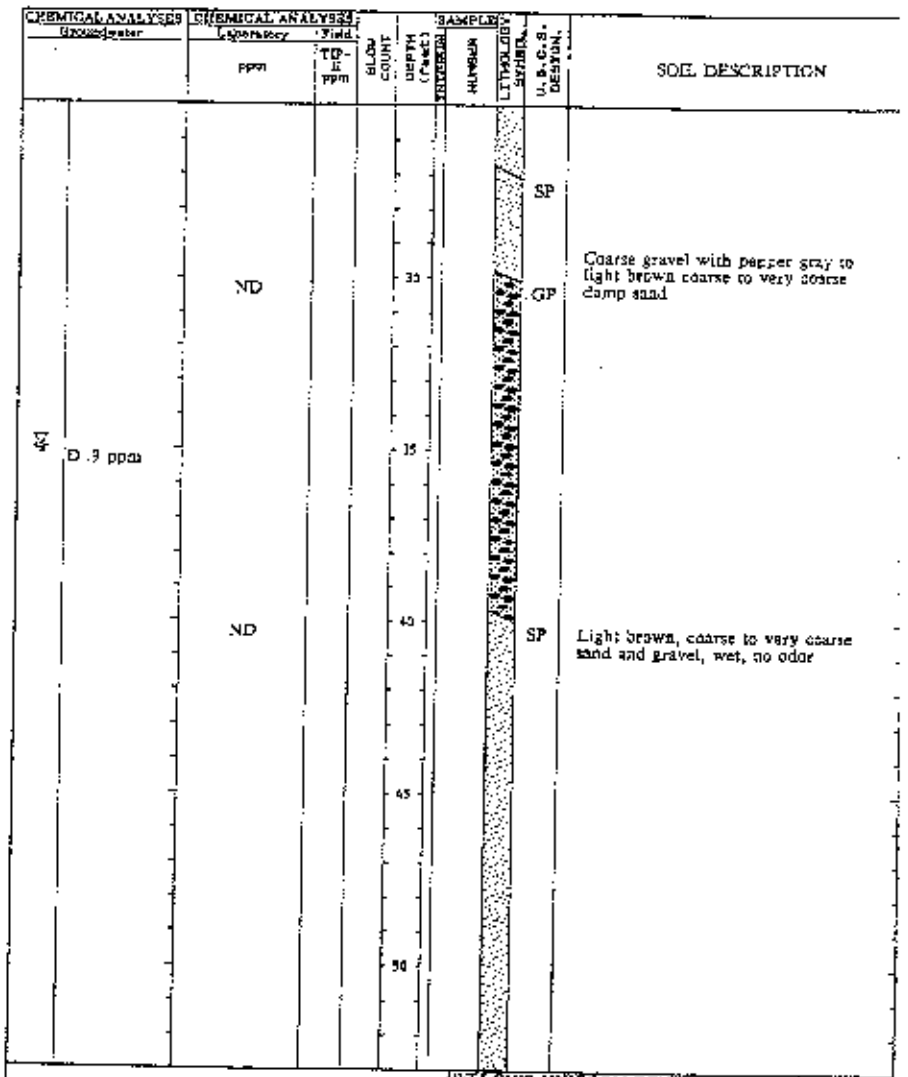
Surface Elevation: 364.5 feet
Total Depth: 70.0 feet
Date Drilled: February 6, 1989

Logged By: C. Hallck
Supervised By: T. Dixon
Diameter of Boring: 10 inches
Water Encountered at 35.0 feet

THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021 April 1989

WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-22

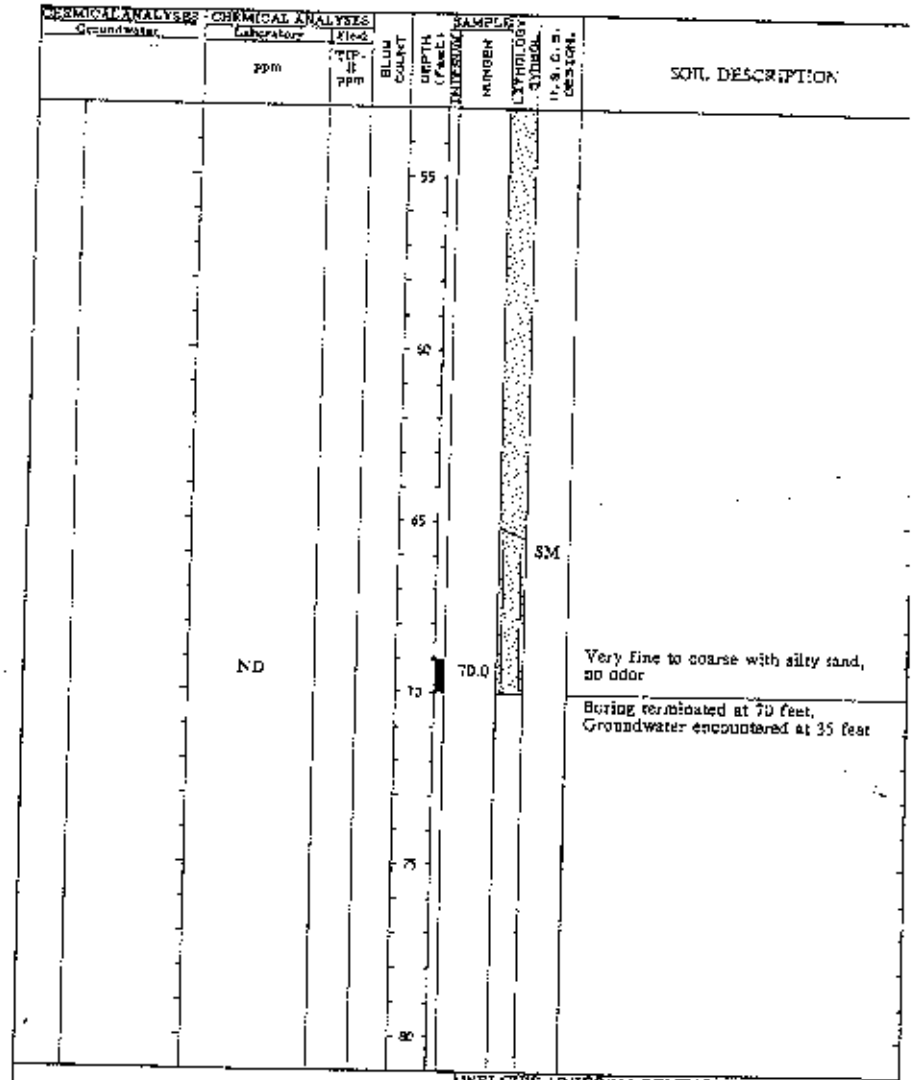
PLATE 22



THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021 April 1989

WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-22

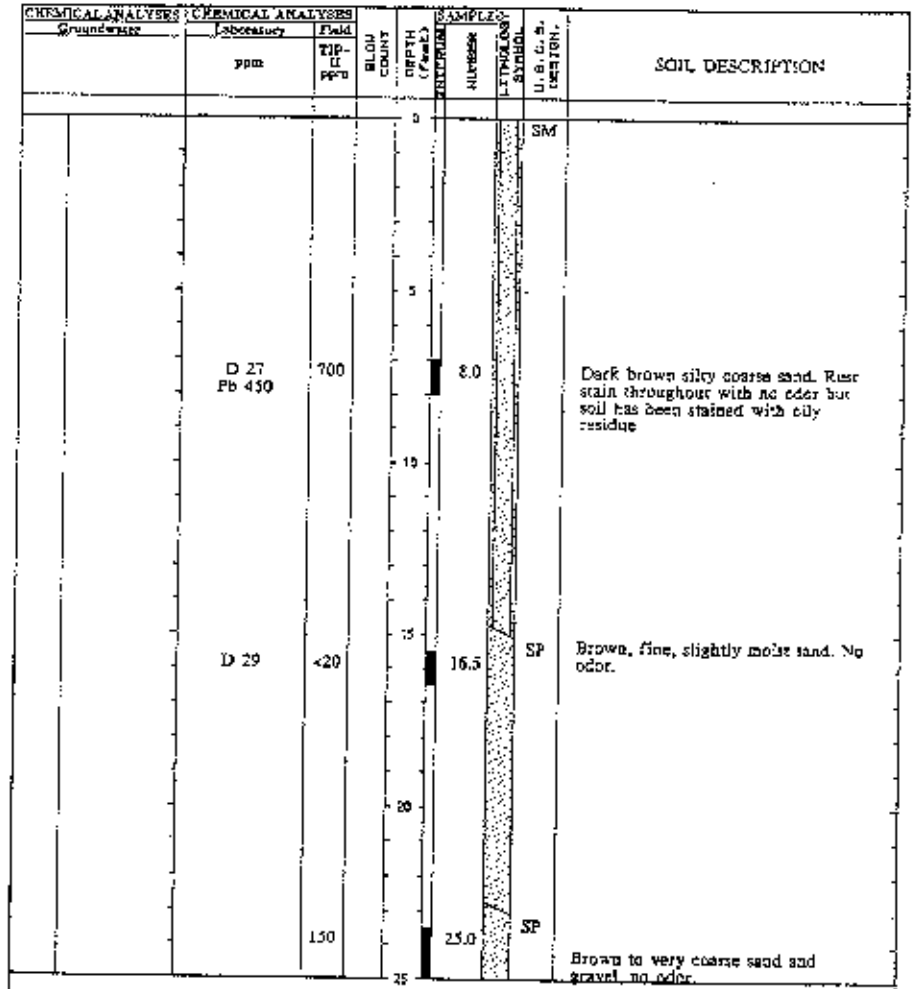
PLATE 22



THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021 April 1989

WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-22

PLATE 22
Page 3 of 3



Surface Elevation: 365.1 feet
Total Depth: 30.0 feet
Date Drilled: February 6, 1989

Logged By: C. Hallek
Supervised By: T. Dixon
Diameter of Boring: 10 inches
Water Encountered at feet

THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021 April 1989

WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-23

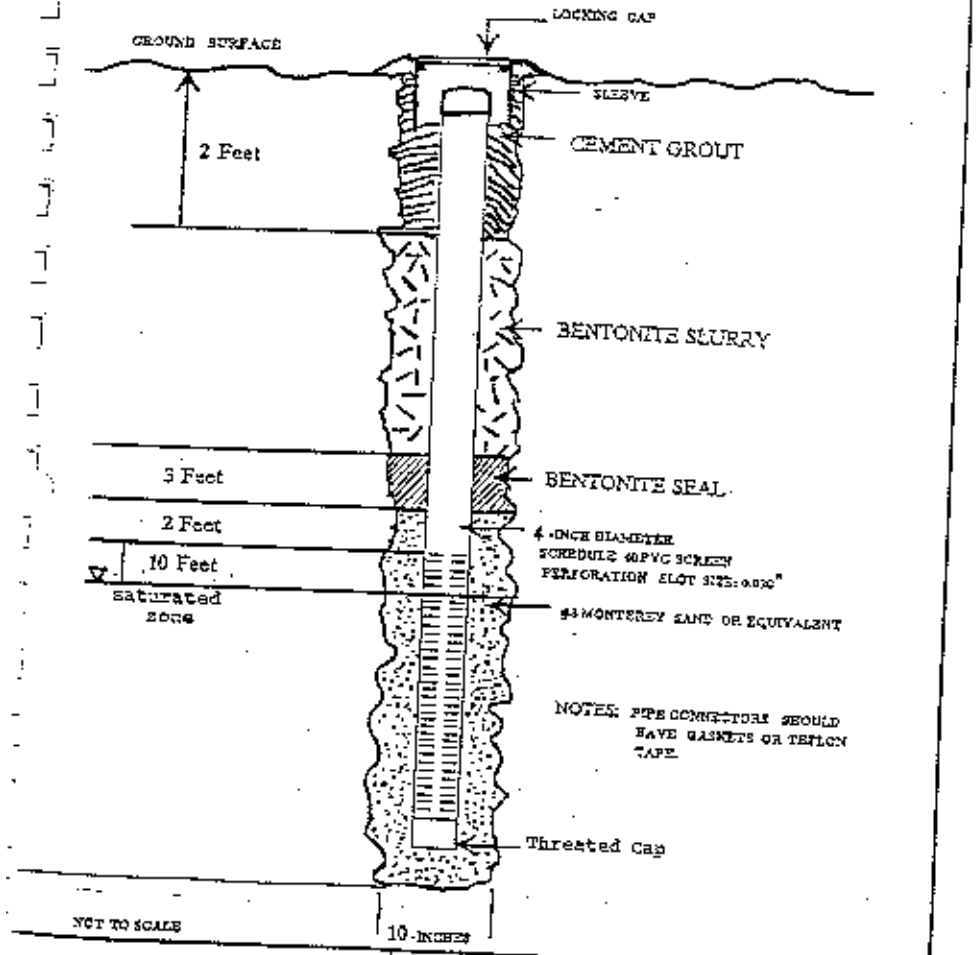
PLATE 23
Page 1 of 2

CHEMICAL ANALYSES Groundwater	CHEMICAL ANALYSES Soil Laboratory ppm	Field TIP II ppm	Blow Count	Depth (feet)	SAMPLE INTERVAL	SAMPLE NUMBER	LITHOLOGY SYMBOL	U.S.C.S. DESIGN.	SOIL DESCRIPTION
			D 5 Pb 2	30		30.0			Fine to very coarse sand and gravel. Appears to be oil residue on grains, no odor. Boring terminated at 30 feet. No groundwater encountered

THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021 April 1989

WELCH'S UNIFORM RENTAL
3505 Pasadena Avenue, L.A.
LOG of BORING
SB-23

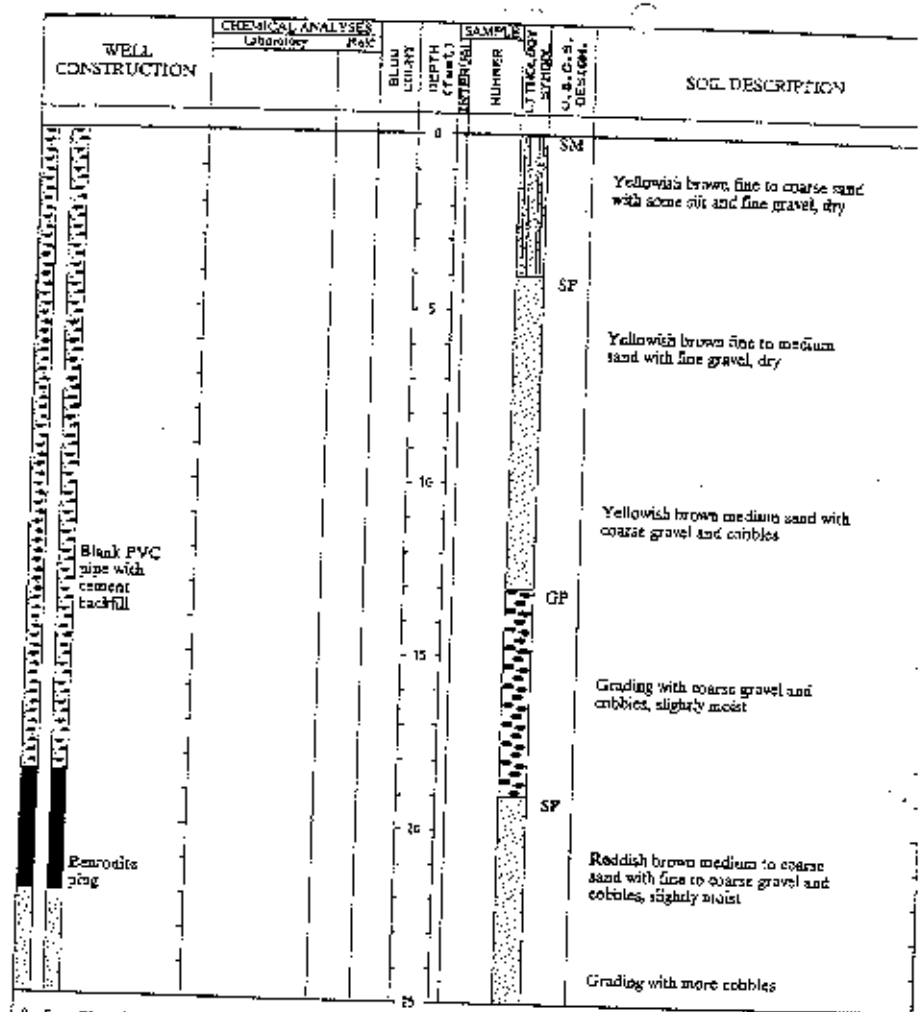
PLATE 23
Page 2 of 2



THORNE ENVIRONMENTAL

MONITORING WELL DIAGRAM

PLATE 24



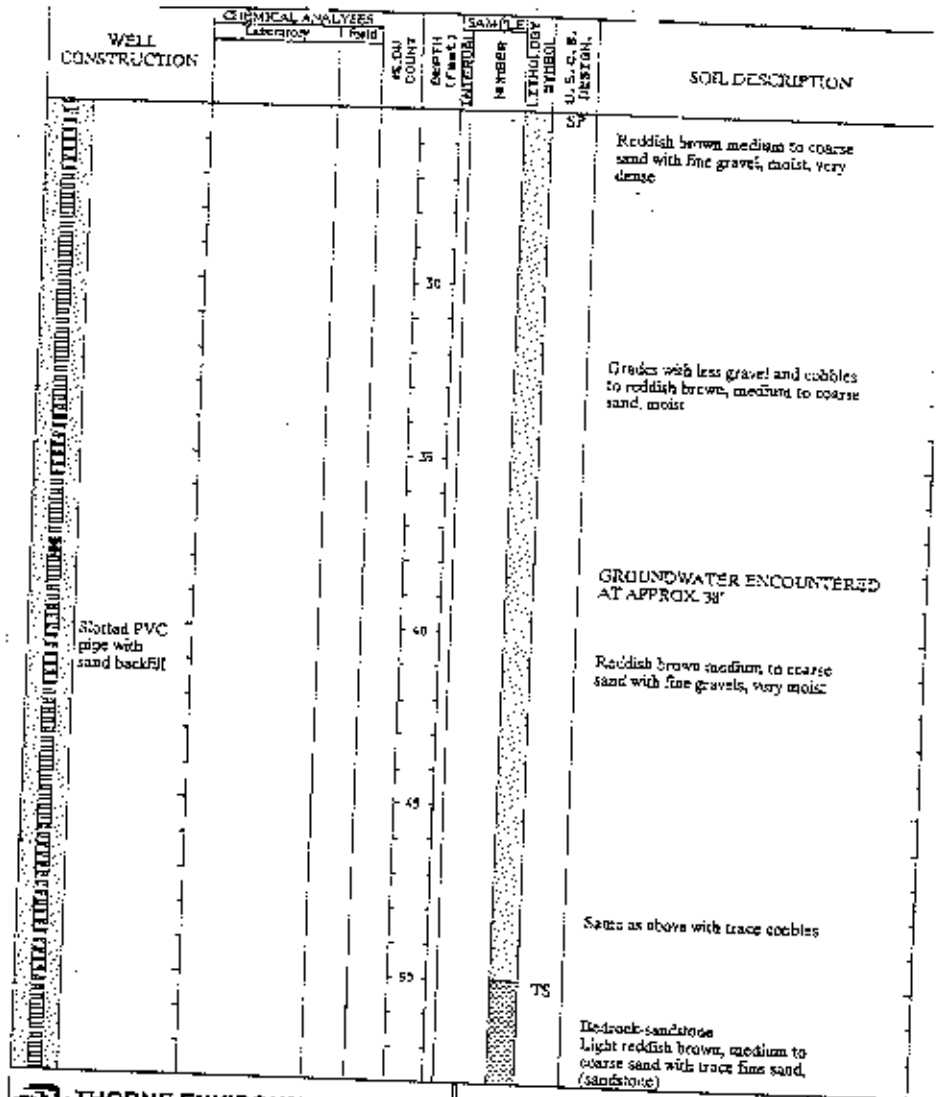
Surface Elevation: 370.7 feet
Total Depth: 68.5 feet
Date Drilled: November 6, 1989

Logged By: PETER FRANK
Supervised By: FRITZ REIMERS
Diameter of Boring: 10" inches
Water Encountered at: feet

THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021 May 1990

WELCH'S UNIFORM RENTAL CO., L.A.
LOG of BORING
MW-8

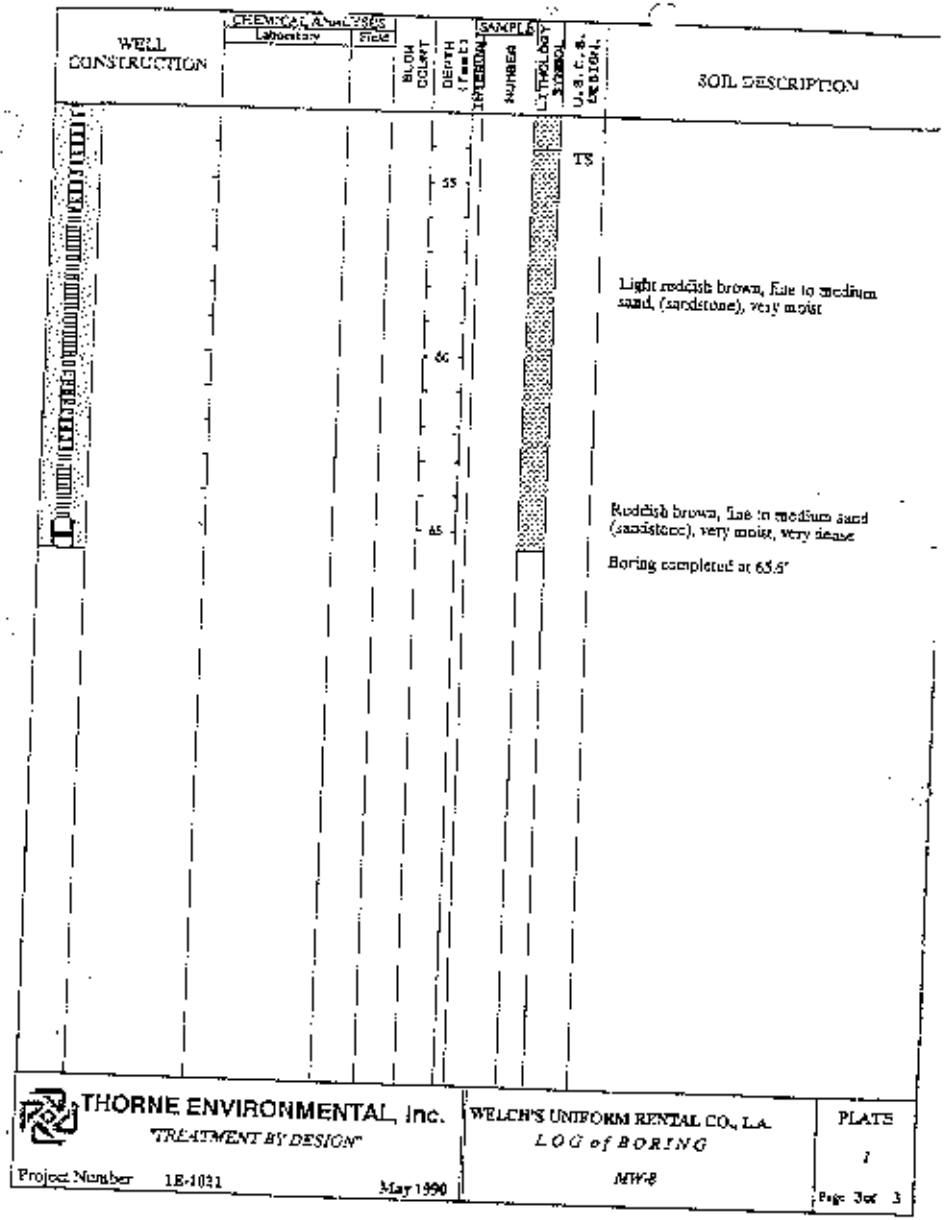
PLATE 1
Page 1 of 3

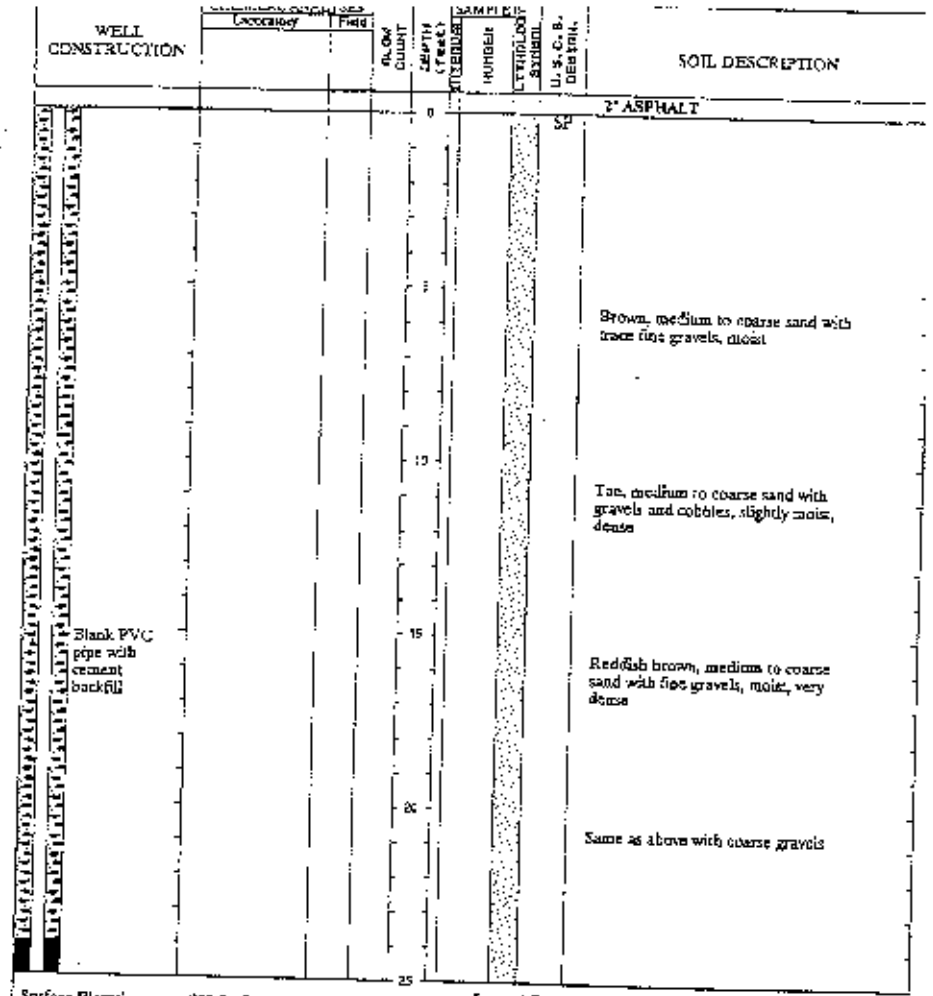


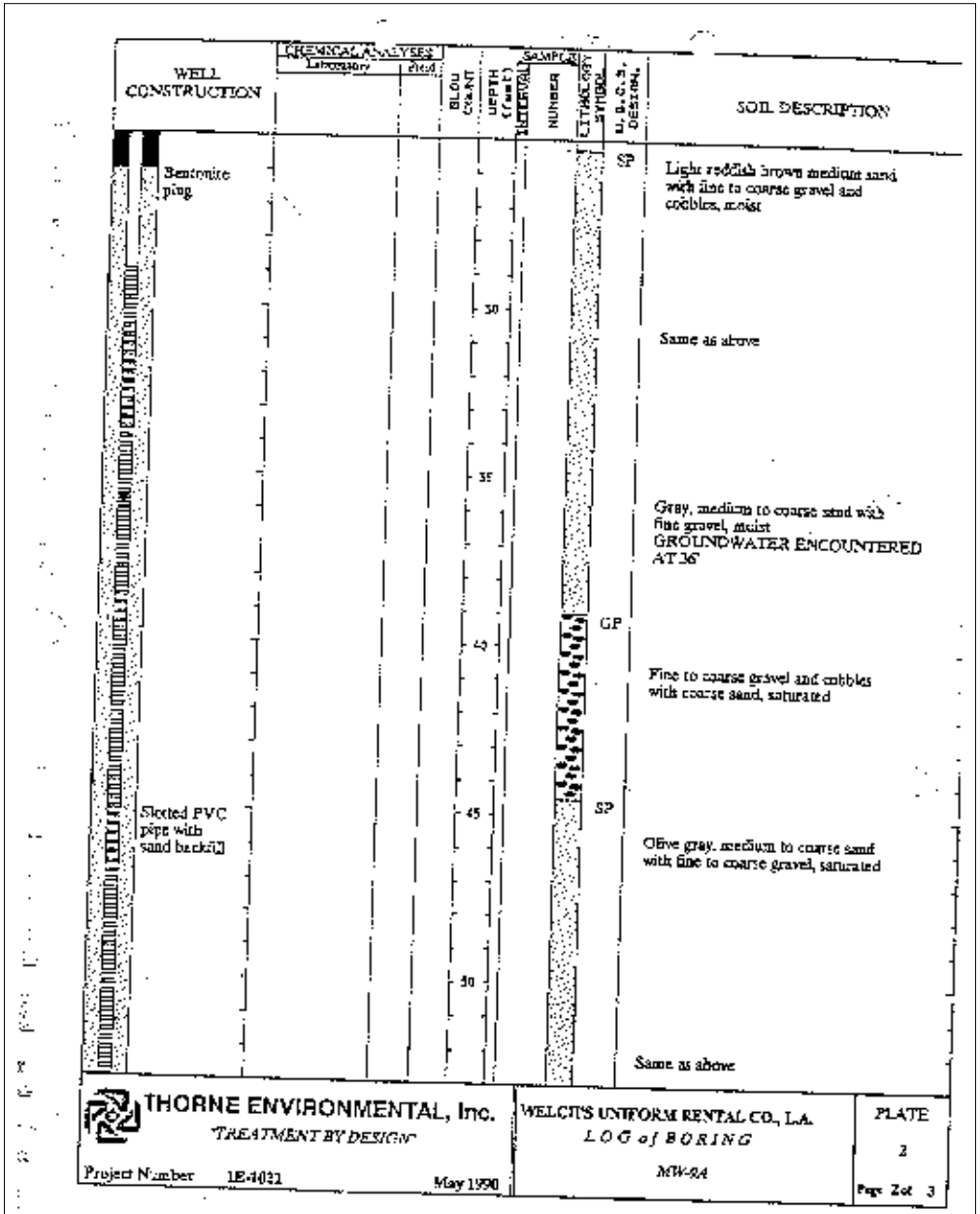
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021 May 1990

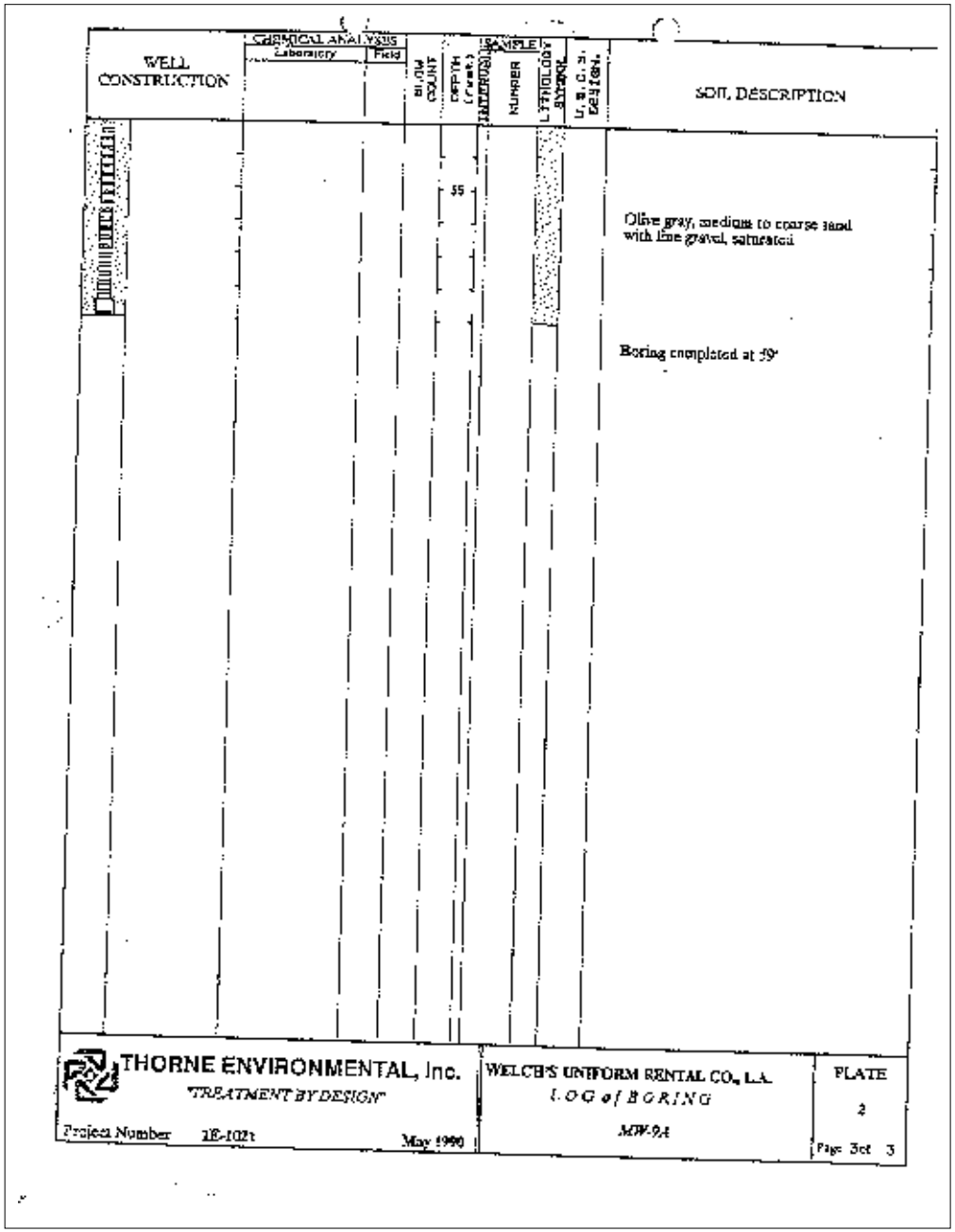
WELCH'S UNIFORM RENTAL CO., L.A.
LOG of BORING
MW-8

PLATE 1
Page 2 of 3


WELL CONSTRUCTION
CHEMICAL ANALYSIS
Laboratory
Field
BLOW COUNT
DEPTH (Feet)
SAMPLE
INTERVAL
NUMBER
LITHOLOGY SYMBOL
U.S.C.S. CLASSIFICATION
SOIL DESCRIPTION
TS
55
Light reddish brown, fine to medium sand, (sandstone), very moist
60
Reddish brown, fine to medium sand (sandstone), very moist, very dense
65
Boring completed at 65.5'
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021
May 1990
WELCH'S UNIFORM RENTAL CO., LA.
LOG of BORING
MW-8
PLATE
1
Page 3of 3


WELL CONSTRUCTION
CHEMICAL ANALYSES
Laboratory
Field
BLOW COUNT
DEPTH (Feet)
SAMPLES
NUMBER
INTERVAL
LITHOLOGY SYMBOL
U. S. C. S. Designation
SOIL DESCRIPTION
2" ASPHALT
SP
Brown, medium to coarse sand with trace fine gravels, moist
Tan, medium to coarse sand with gravels and cobbles, slightly moist, dense
Blank PVC pipe with cement backfill
Reddish brown, medium to coarse sand with fine gravels, moist, very dense
Same as above with coarse gravels
0
5
10
15
20
25
Surface Elevation: 363.9 feet
Total Depth: 59.0 feet
Date Drilled: November 6, 1989
Logged By: PETER FRANK
Supervised By: FRITZ REIMERS
Diameter of Boring: 10" inches
Water Encountered at: feet
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021
May 1990
WELCH'S UNIFORM RENTAL CO., LA.
LOG of BORING
MW-9A
PLATE 2
Page 1 of 3

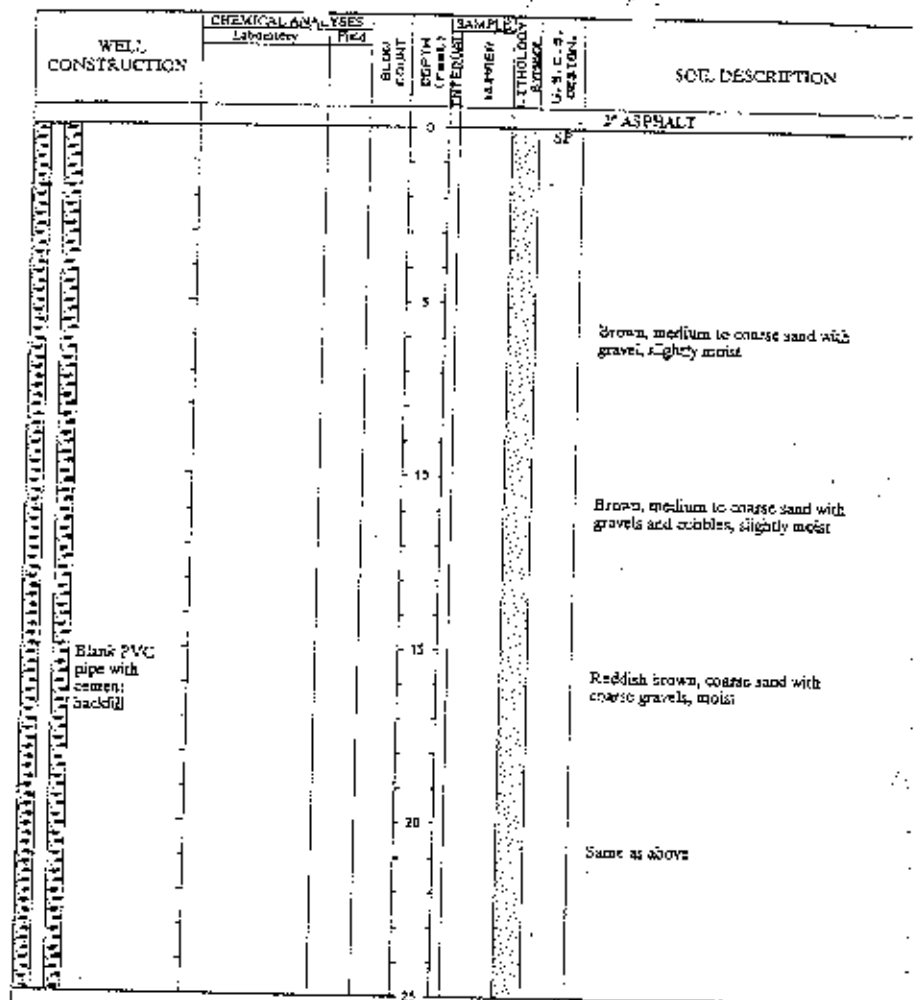

WELL CONSTRUCTION
CHEMICAL ANALYSES
Laboratory
Field
BLOW COUNT
DEPTH (Feet)
SAMPLES
NUMBER
INTERVAL
LITHOLOGY SYMBOL
U. S. C. S. Designation
SOIL DESCRIPTION
Bentonite plug
SP
Light reddish brown medium sand with fine to coarse gravel and cobbles, moist
Same as above
Gray, medium to coarse sand with fine gravel, moist
GROUNDWATER ENCOUNTERED AT 36'
GP
Fine to coarse gravel and cobbles with coarse sand, saturated
Slotted PVC pipe with sand backfill
SP
Olive gray, medium to coarse sand with fine to coarse gravel, saturated
Same as above
30
35
40
45
50
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021
May 1990
WELCH'S UNIFORM RENTAL CO., LA.
LOG of BORING
MW-9A
PLATE 2
Page 2 of 3



THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021 May 1990

WELCH'S UNIFORM RENTAL CO., L.A.
LOG of BORING
MW-9A

PLATE 2
Page 3of 3



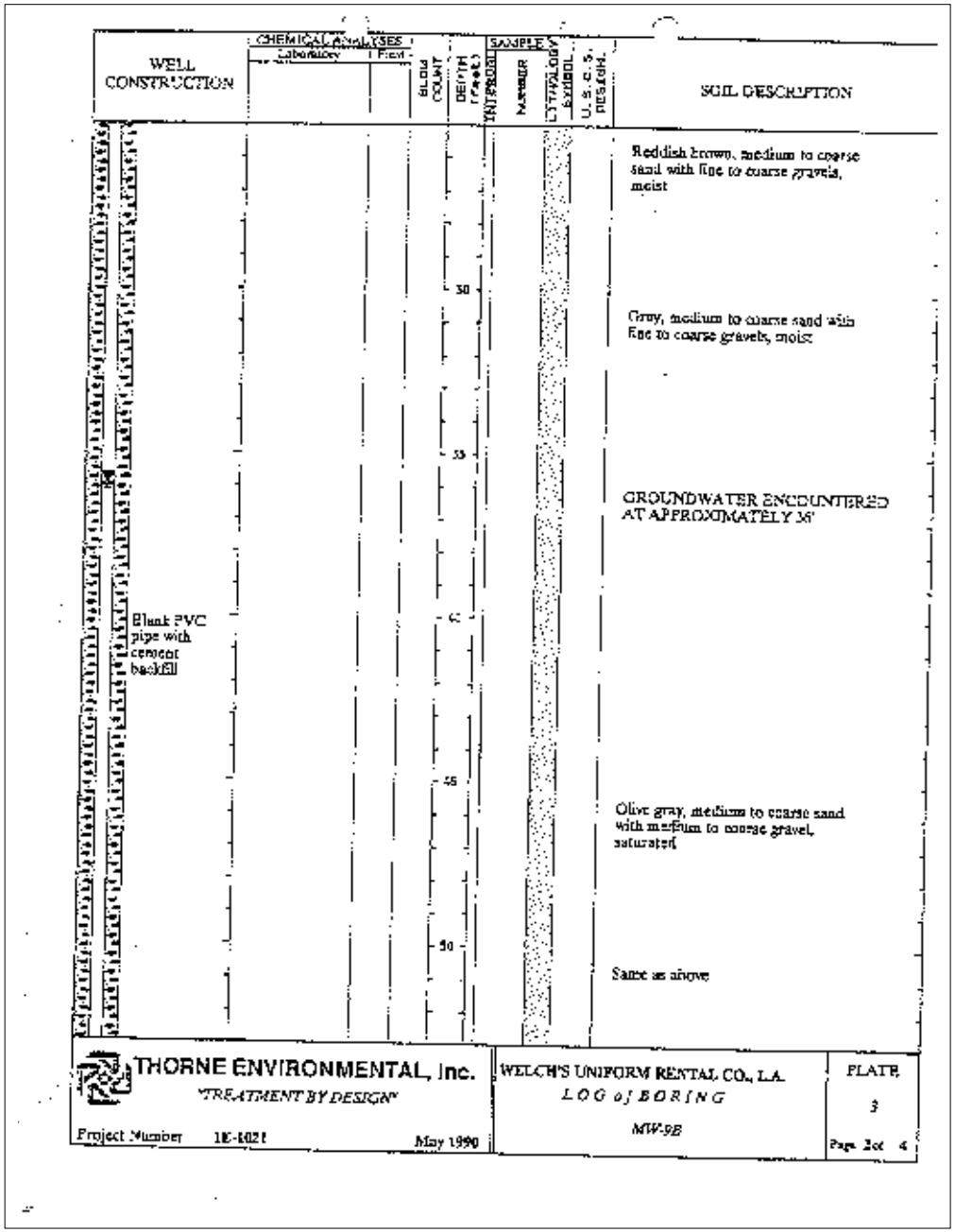
Surface Elevation: 363.9 feet
Total Depth: 89.0 feet
Date Drilled: November 7, 1989

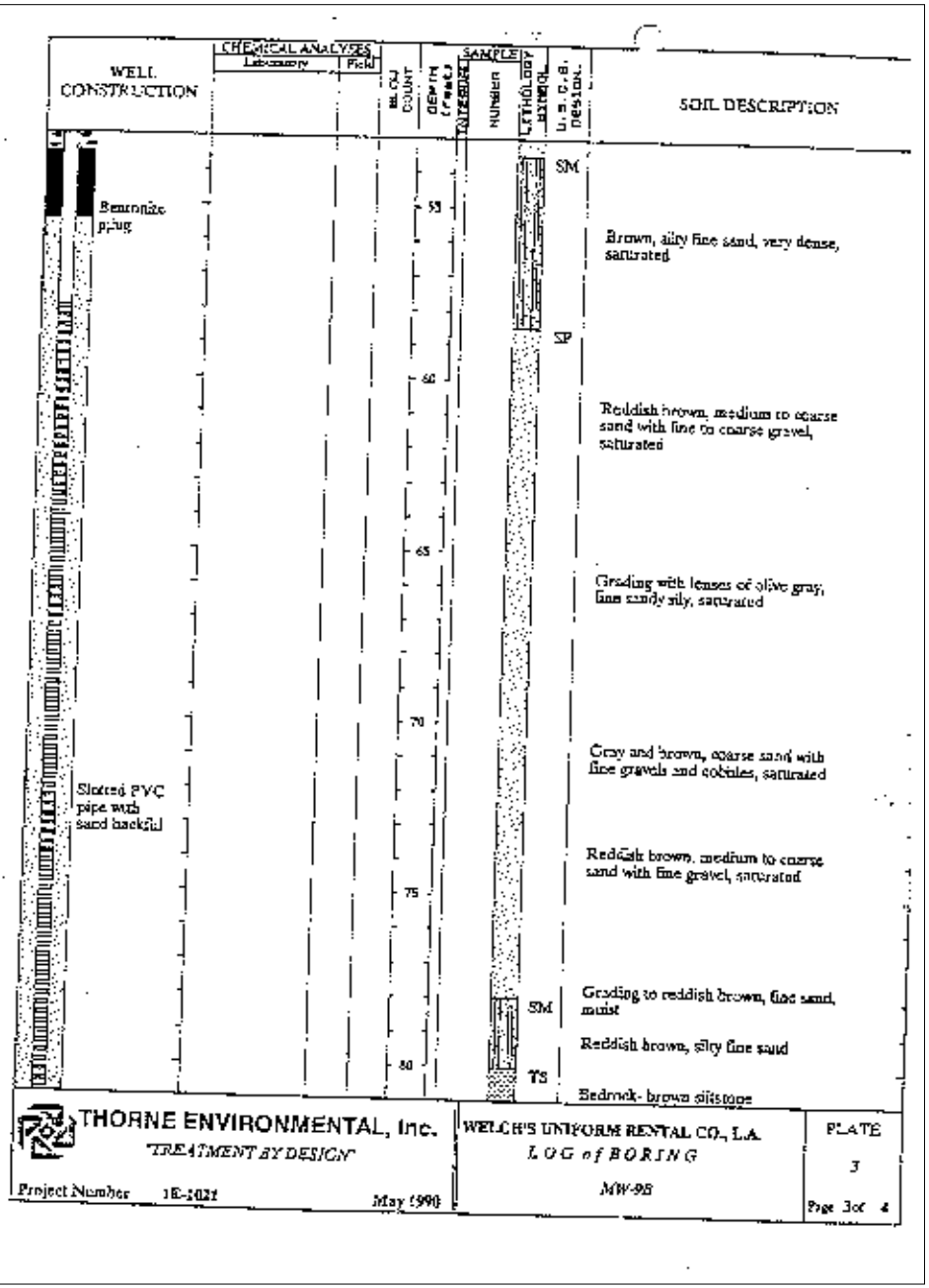
Logged By: PETER FRANK
Supervised By: FRITZ REIMERS
Diameter of Boring: 10" inches
Water Encountered at: feet

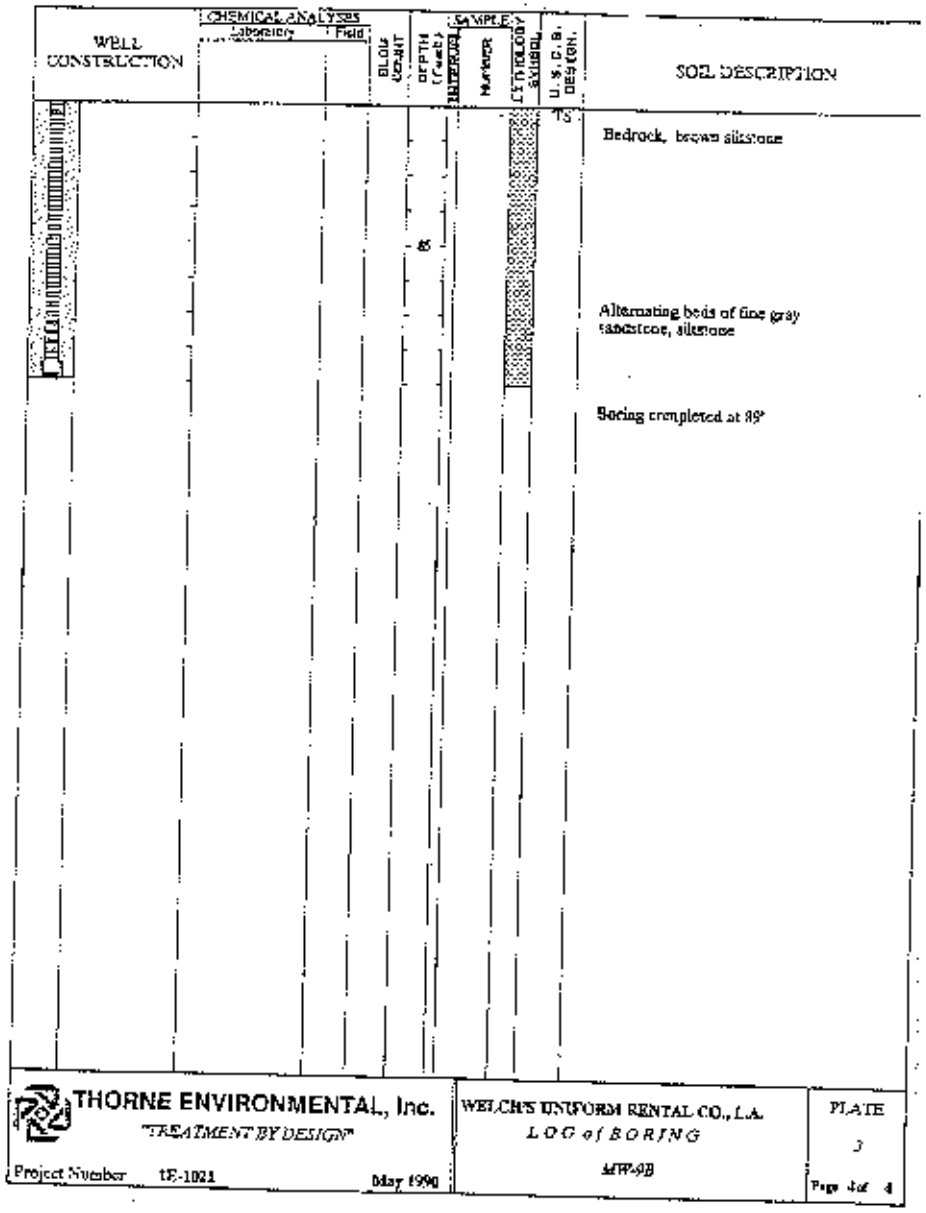
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021 May 1990

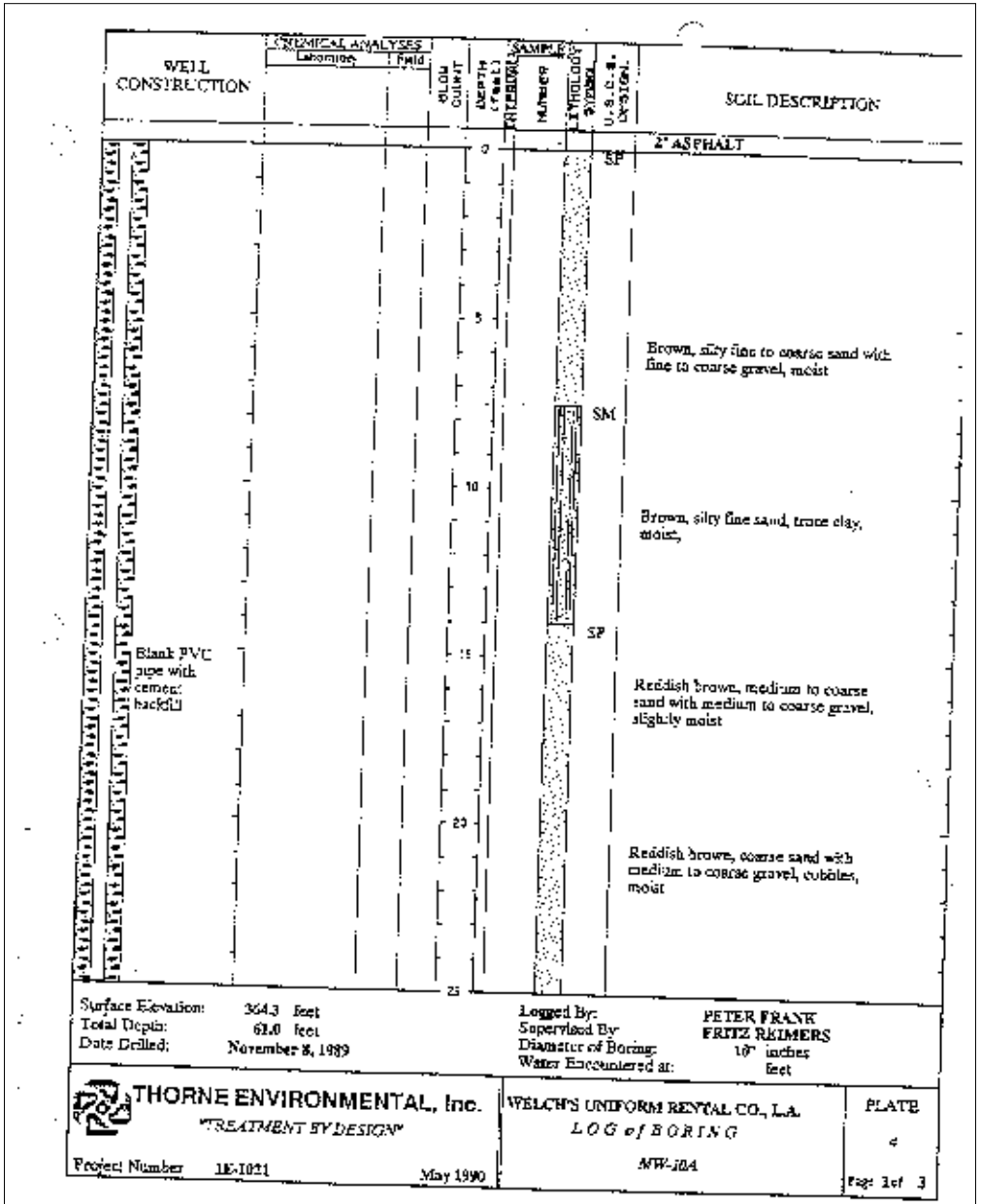
WELCH'S UNIFORM RENTAL CO., L.A.
LOG of BORING
MW-9B

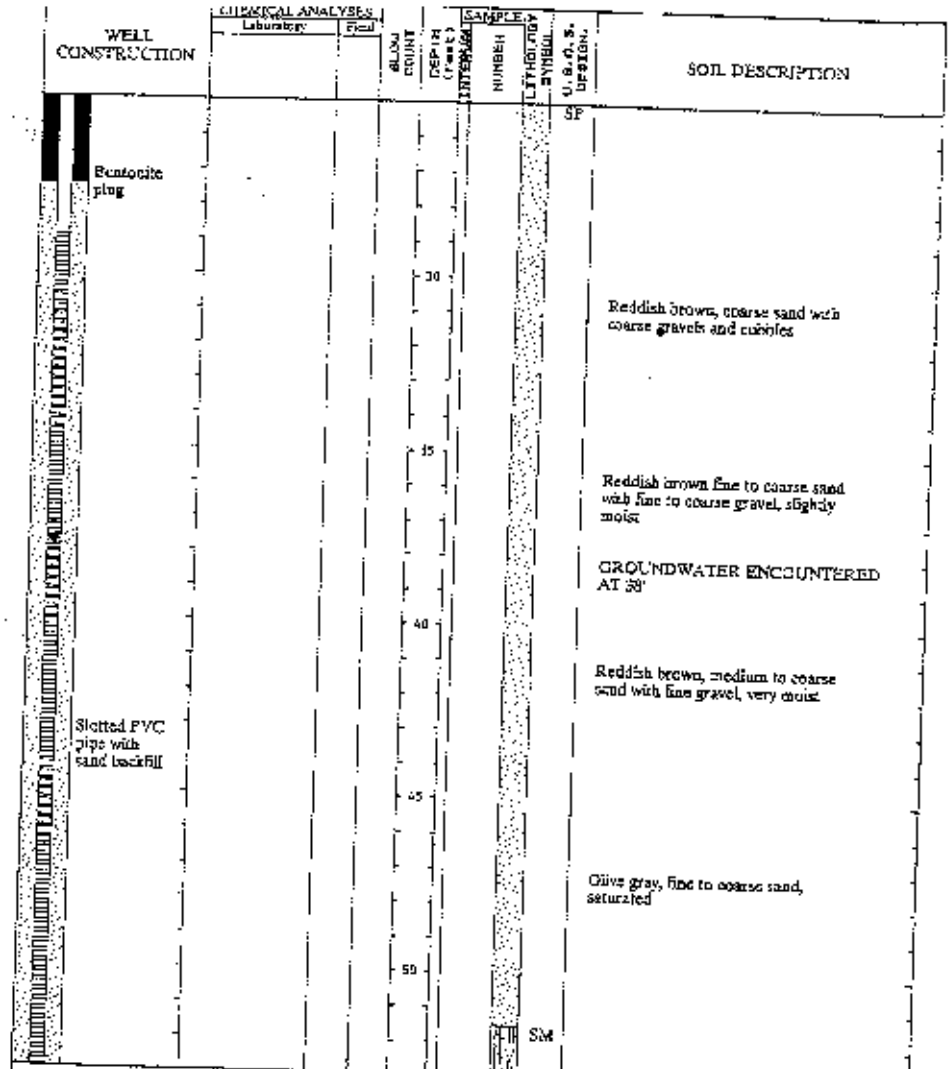
PLATE 3
Page 1of 4

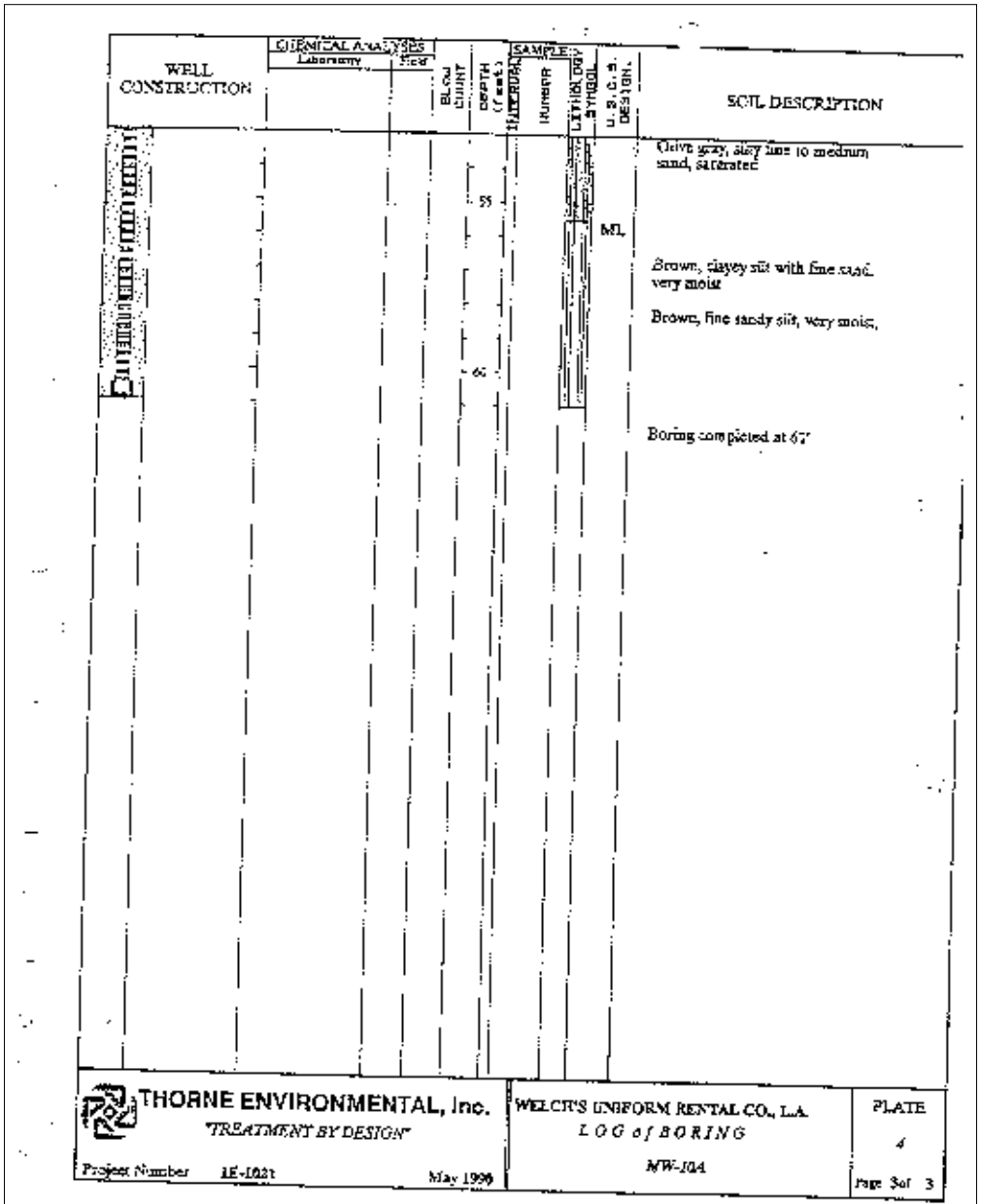

WELL CONSTRUCTION
CHEMICAL ANALYSES
Laboratory
Field
BLOW COUNT
DEPTH (Feet)
SAMPLE
INTERVAL
NUMBER
LITHOLOGY SYMBOL
U.S.C.S. DESIGN.
SOIL DESCRIPTION
Reddish brown, medium to coarse sand with fine to coarse gravels, moist
Gray, medium to coarse sand with fine to coarse gravels, moist
GROUNDWATER ENCOUNTERED AT APPROXIMATELY 58'
Olive gray, medium to coarse sand with medium to coarse gravel, saturated
Same as above
Blank PVC pipe with cement backfill
50
55
60
65
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021
May 1990
WELCH'S UNIFORM RENTAL CO., LA.
LOG of BORING
MW-9B
PLATE
3
Page 3of 4

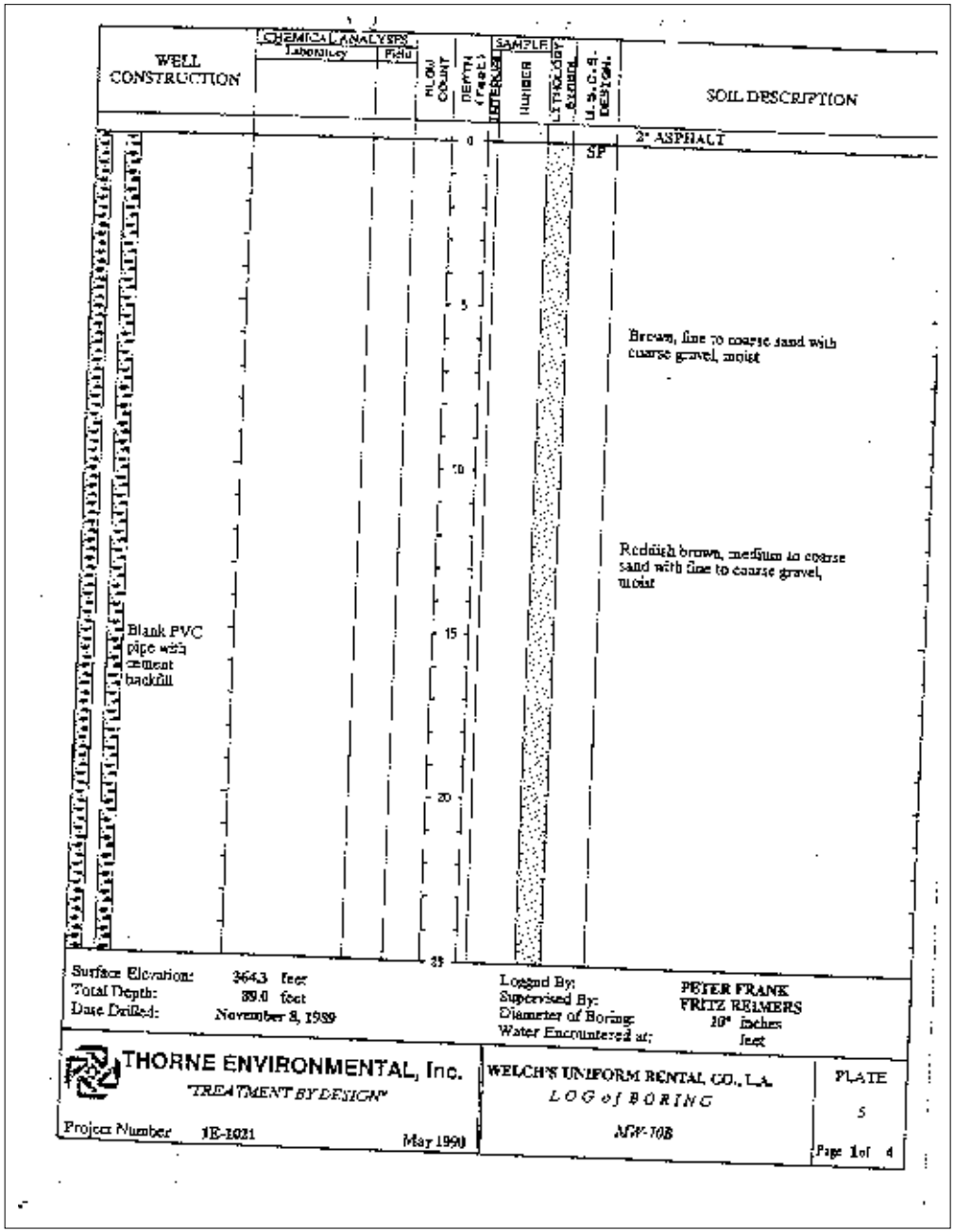

WELL CONSTRUCTION
CHEMICAL ANALYSES
Laboratory
Field
BLOW COUNT
DEPTH (Feet)
SAMPLE
INTERVAL
NUMBER
LITHOLOGY SYMBOL
U.S.C.S. DESIGN.
SOIL DESCRIPTION
Bentonite plug
Slotted PVC pipe with sand backfill
SM
Brown, silty fine sand, very dense, saturated
SP
Reddish brown, medium to coarse sand with fine to coarse gravel, saturated
Grading with lenses of olive gray, fine sandy silt, saturated
Gray and brown, coarse sand with fine gravels and cobbles, saturated
Reddish brown, medium to coarse sand with fine gravel, saturated
Grading to reddish brown, fine sand, moist
Reddish brown, silty fine sand
TS
Bedrock- brown siltstone
50
55
60
65
70
75
80
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021
May 1990
WELCH'S UNIFORM RENTAL CO., LA.
LOG of BORING
MW-9B
PLATE
3
Page 3of 4

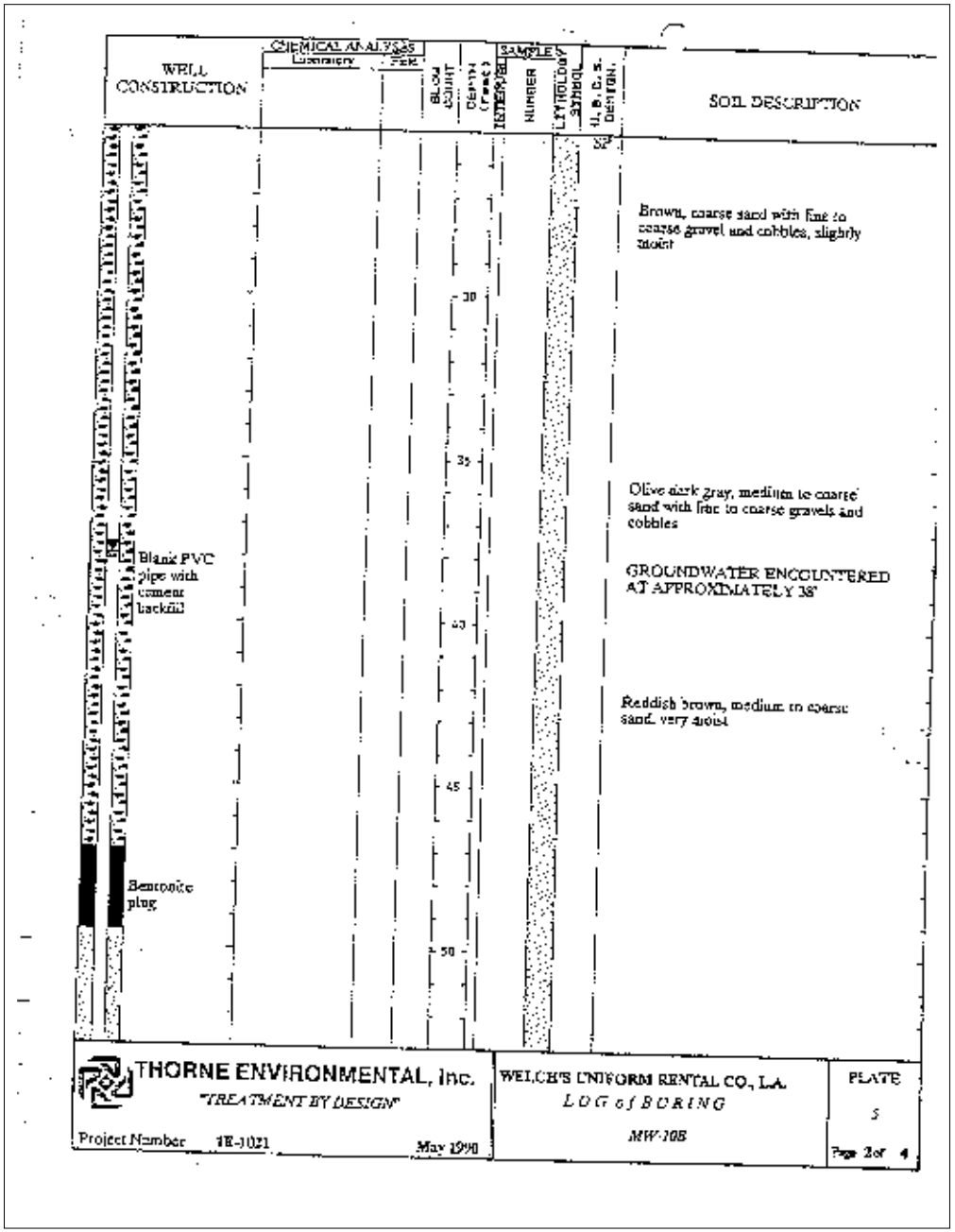

WELL CONSTRUCTION
CHEMICAL ANALYSES
Laboratory
Field
BLOW COUNT
DEPTH (Feet)
SAMPLE
INTERVAL
NUMBER
LITHOLOGY SYMBOL
U.S.C.S. DESIGN.
SOIL DESCRIPTION
TS
Bedrock, brown siltstone
85
Alternating beds of fine gray sandstone, siltstone
Boring completed at 88'
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021
May 1990
WELCH'S UNIFORM RENTAL CO., L.A.
LOG of BORING
MW-9B
PLATE
3
Page 4 of 4

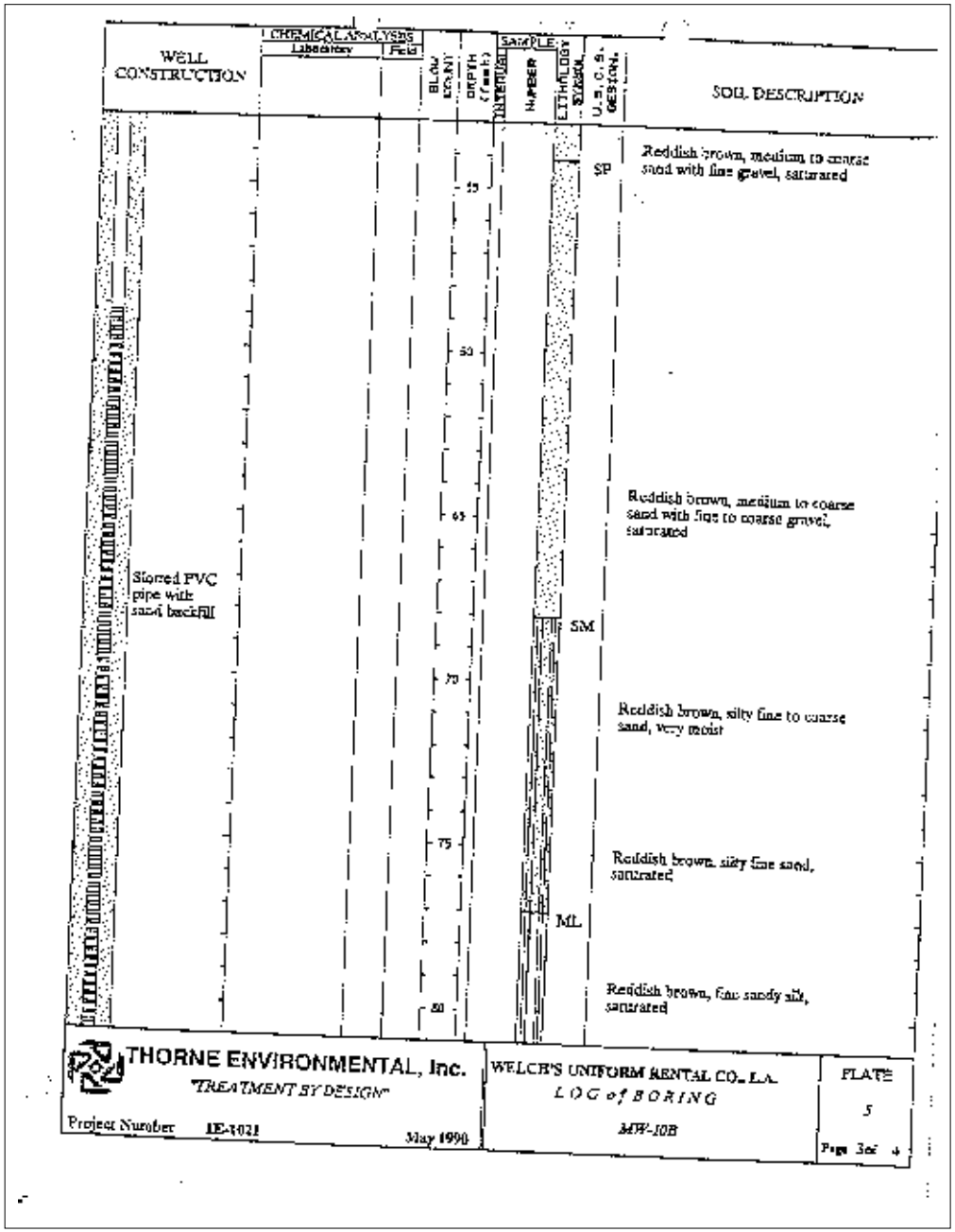

WELL CONSTRUCTION
CHEMICAL ANALYSES
Laboratory
Field
BLOW COUNT
DEPTH (Feet)
SAMPLE
INTERVAL
NUMBER
LITHOLOGY SYMBOL
U.S.C.S. DESIGN.
SOIL DESCRIPTION
0
2" ASPHALT
SP
Blank PVC pipe with cement backfill
5
Brown, silty fine to coarse sand with fine to coarse gravel, moist
SM
10
Brown, silty fine sand, trace clay, moist,
SP
15
Reddish brown, medium to coarse sand with medium to coarse gravel, slightly moist
20
Reddish brown, coarse sand with medium to coarse gravel, cobbles, moist
25
Surface Elevation: 364.3 feet
Total Depth: 61.0 feet
Date Drilled: November 8, 1989
Logged By: PETER FRANK
Supervised By: FRITZ REIMERS
Diameter of Boring: 10" inches
Water Encountered at: feet
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021
May 1990
WELCH'S UNIFORM RENTAL CO., L.A.
LOG of BORING
MW-10A
PLATE
4
Page 1 of 3

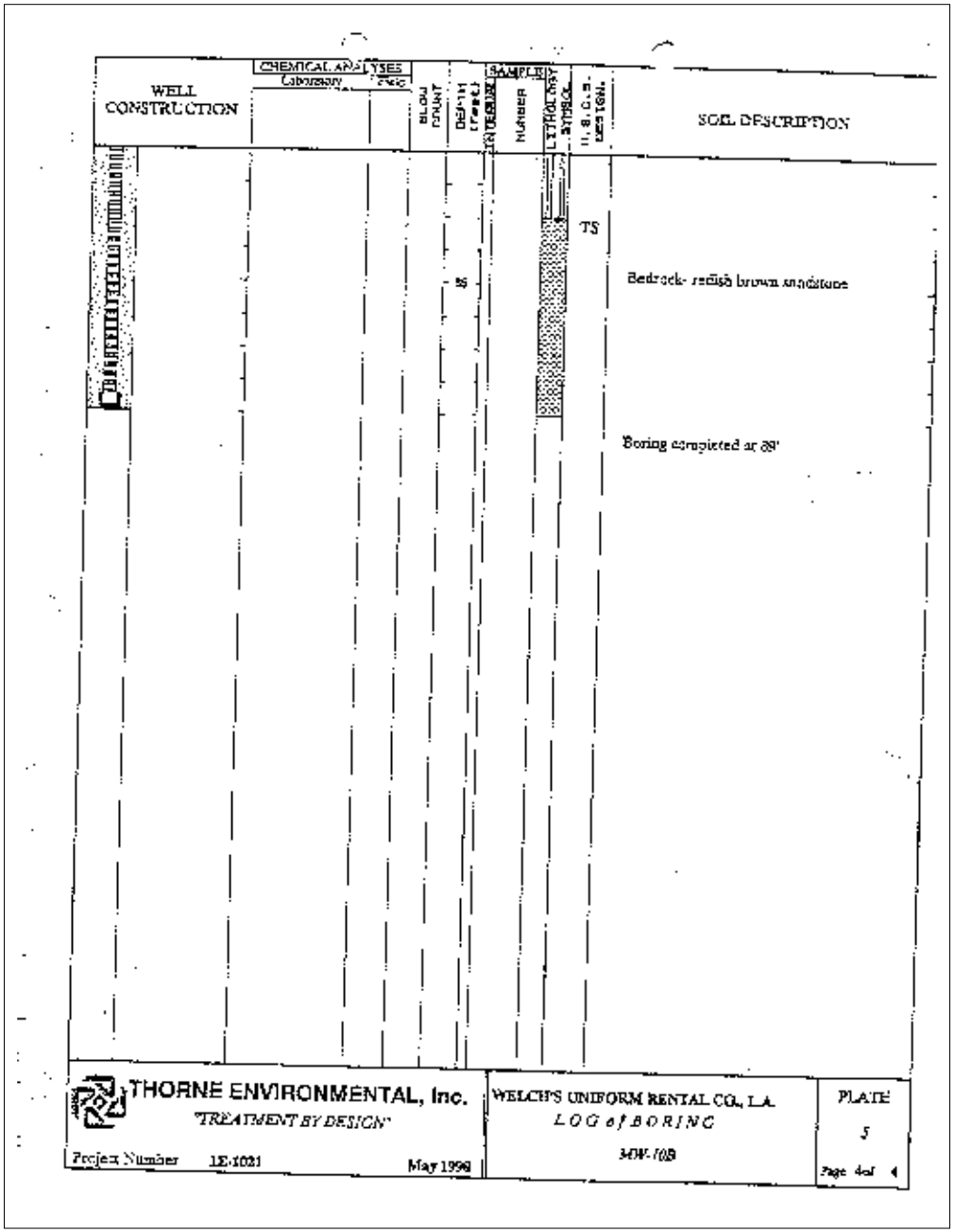

WELL CONSTRUCTION
CHEMICAL ANALYSES
Laboratory
Field
BLOW COUNT
DEPTH (Feet)
SAMPLE
INTERVAL
NUMBER
LITHOLOGY SYMBOL
U.S.C.S. DESIGN.
SOIL DESCRIPTION
SP
Bentonite plug
Reddish brown, coarse sand with coarse gravels and cobbles
Reddish brown fine to coarse sand with fine to coarse gravel, slightly moist
GROUNDWATER ENCOUNTERED AT 38'
Reddish brown, medium to coarse sand with fine gravel, very moist
Slotted PVC pipe with sand backfill
Olive gray, fine to coarse sand, saturated
SM
30
35
40
45
50
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021
May 1990
WELCH'S UNIFORM RENTAL CO., L.A.
LOG of BORING
MW-104
PLATE
4
Page 2of 3

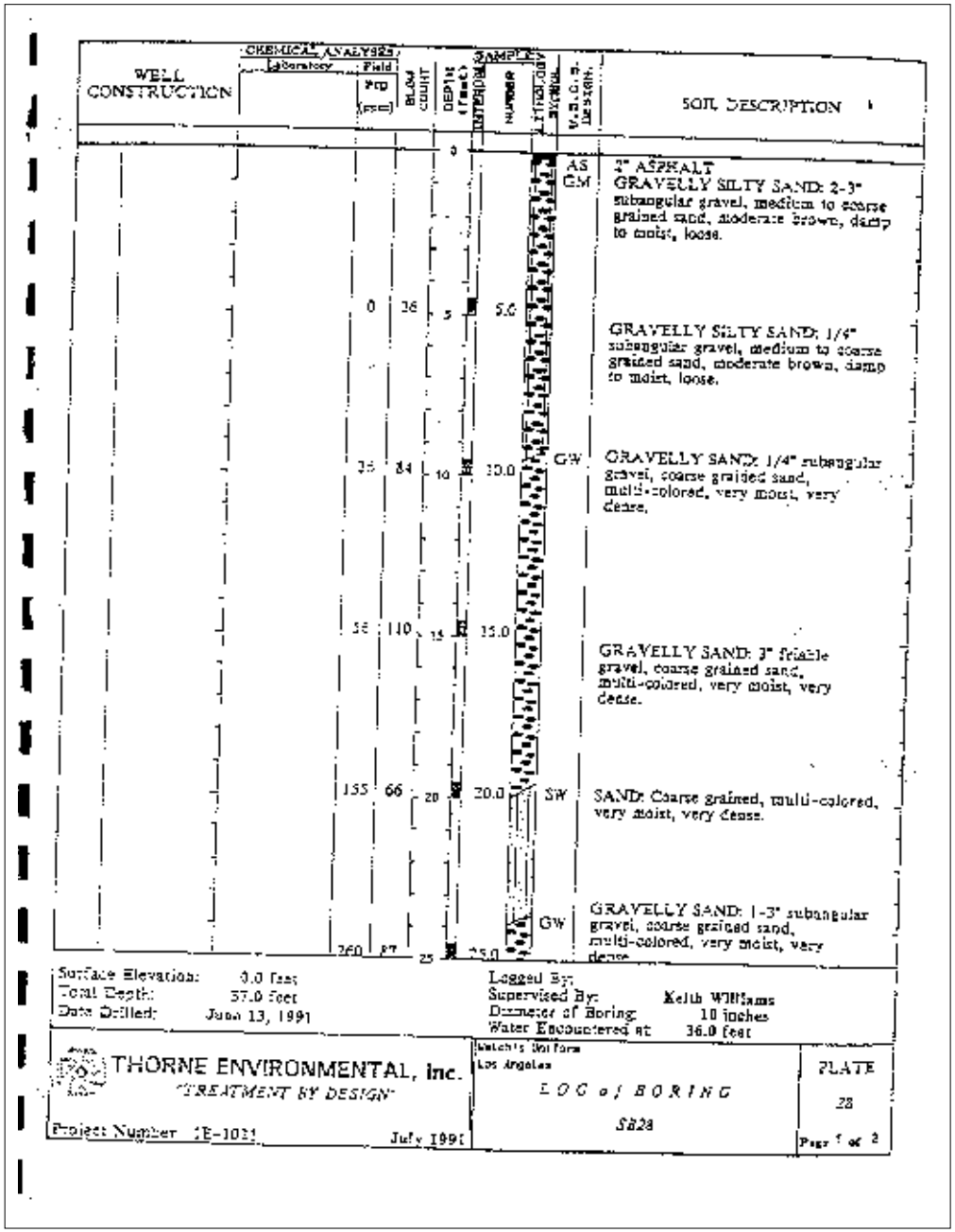

WELL CONSTRUCTION
CHEMICAL ANALYSES
Laboratory
Field
BLOW COUNT
DEPTH (Feet)
SAMPLE
INTERVAL
NUMBER
LITHOLOGY SYMBOL
U.S.C.S. DESIGN.
SOIL DESCRIPTION
Olive gray, silty fine to medium sand, saturated
55
ML
Brown, clayey silt with fine sand, very moist
Brown, fine sandy silt, very moist,
60
Boring completed at 67'
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021
May 1990
WELCH'S UNIFORM RENTAL CO., L.A.
LOG of BORING
MW-104
PLATE
4
Page 3of 3

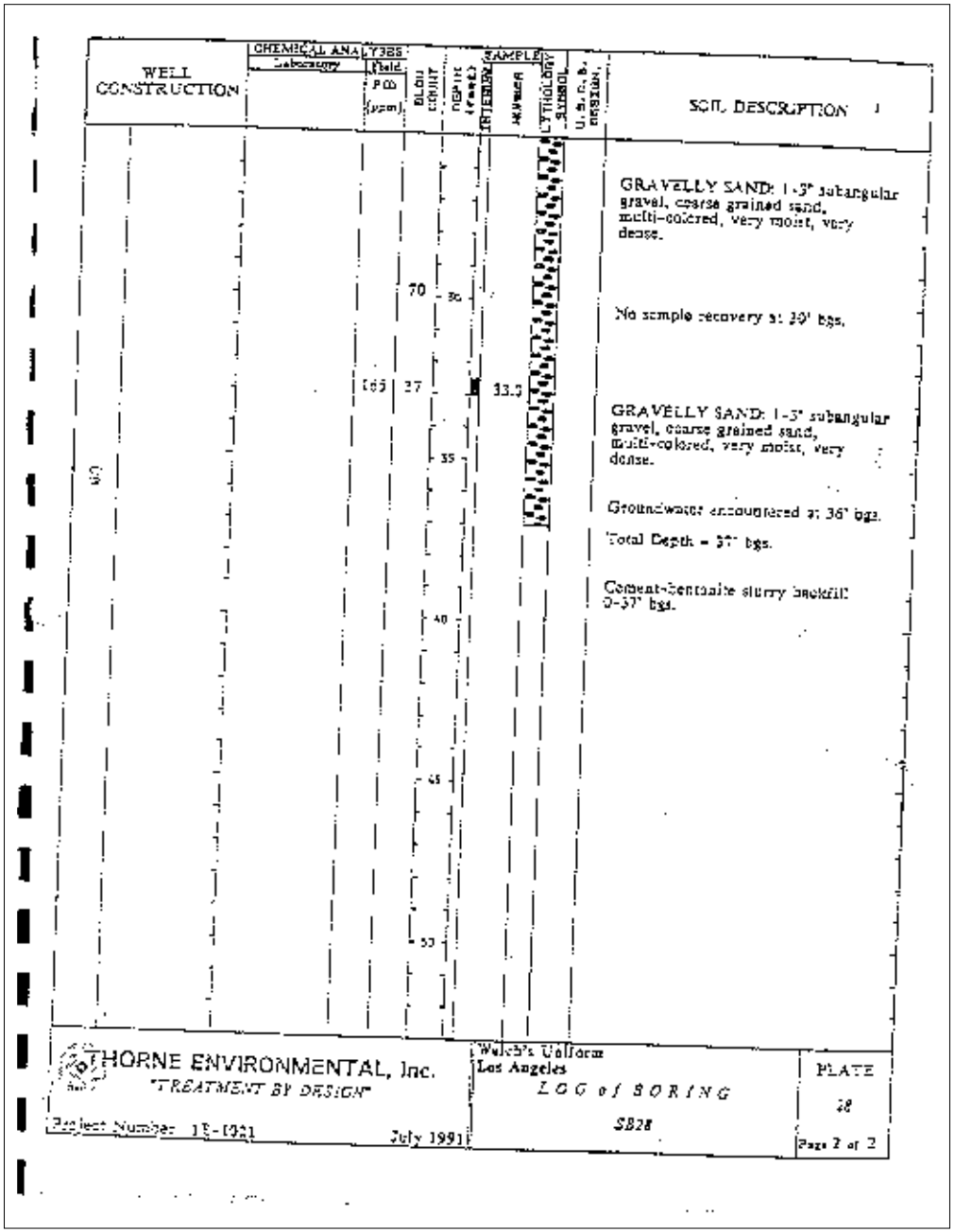

WELL CONSTRUCTION
CHEMICAL ANALYSES
Laboratory
Field
BLOW COUNT
DEPTH (Feet)
SAMPLE
INTERVAL
NUMBER
LITHOLOGY SYMBOL
U.S.C.S. DESIGN.
SOIL DESCRIPTION
0
2" ASPHALT
SP
5
Brown, fine to coarse sand with coarse gravel, moist
10
Reddish brown, medium to coarse sand with fine to coarse gravel, moist
15
Blank PVC pipe with cement backfill
20
25
Surface Elevation: 3643 feet
Total Depth: 89.0 feet
Date Drilled: November 8, 1989
Logged By: PETER FRANK
Supervised By: FRITZ REIMERS
Diameter of Boring: 10" inches
Water Encountered at: feet
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021
May 1990
WELCH'S UNIFORM RENTAL CO., LA.
LOG of BORING
MW-10B
PLATE
5
Page 1 of 4

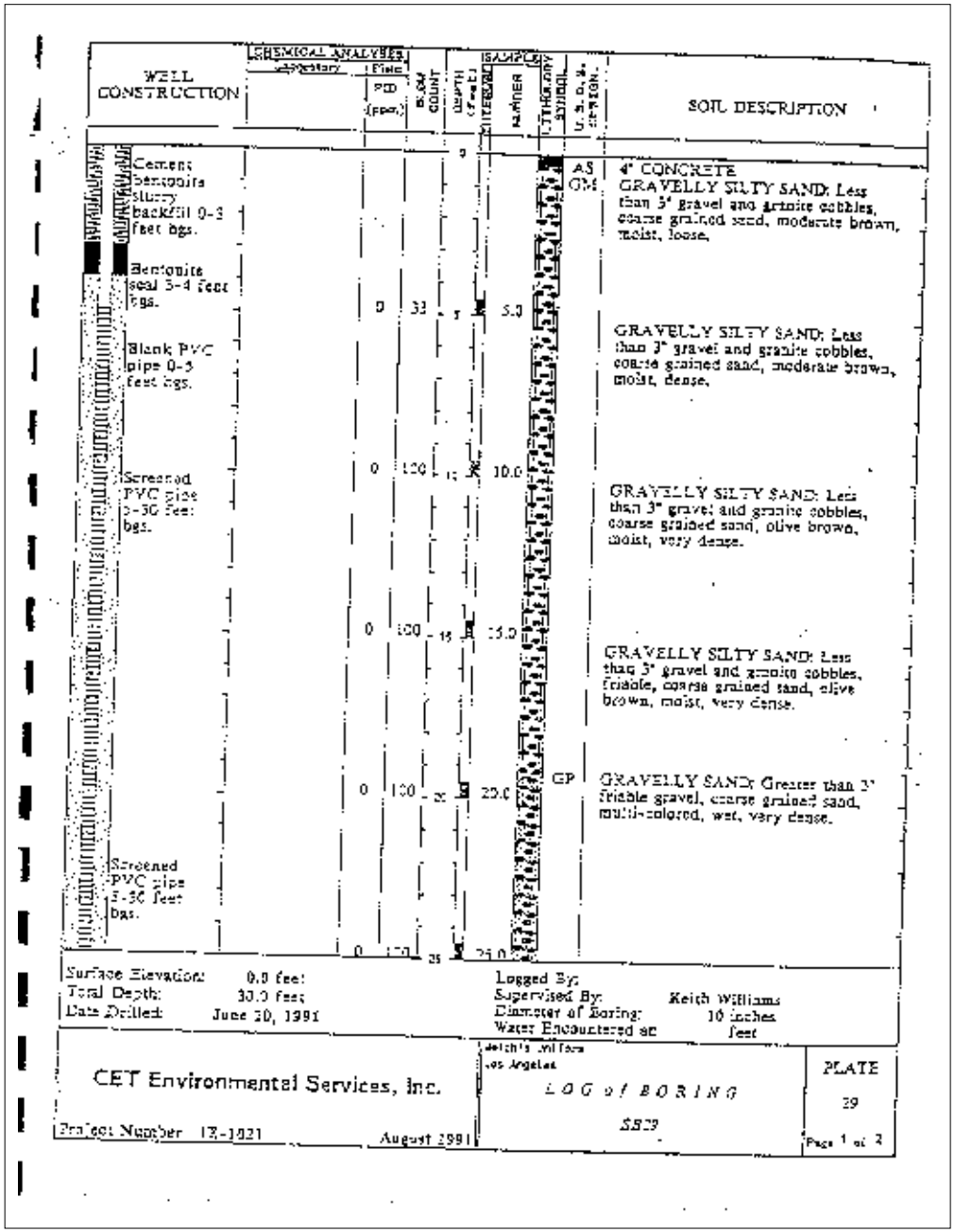

WELL CONSTRUCTION
CHEMICAL ANALYSES
Laboratory
Field
BLOW COUNT
DEPTH (Feet)
SAMPLE
INTERVAL
NUMBER
LITHOLOGY SYMBOL
U.S.C.S. DESIGN.
SOIL DESCRIPTION
SP
Brown, coarse sand with fine to coarse gravel and cobbles, slightly moist
30
35
Olive dark gray, medium to coarse sand with fine to coarse gravels and cobbles
GROUNDWATER ENCOUNTERED AT APPROXIMATELY 38'
40
Blank PVC pipe with cement backfill
Reddish brown, medium to coarse sand, very moist
45
Bentonite plug
50
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021
May 1990
WELCH'S UNIFORM RENTAL CO., LA.
LOG of BORING
MW-10B
PLATE
5
Page 2 of 4

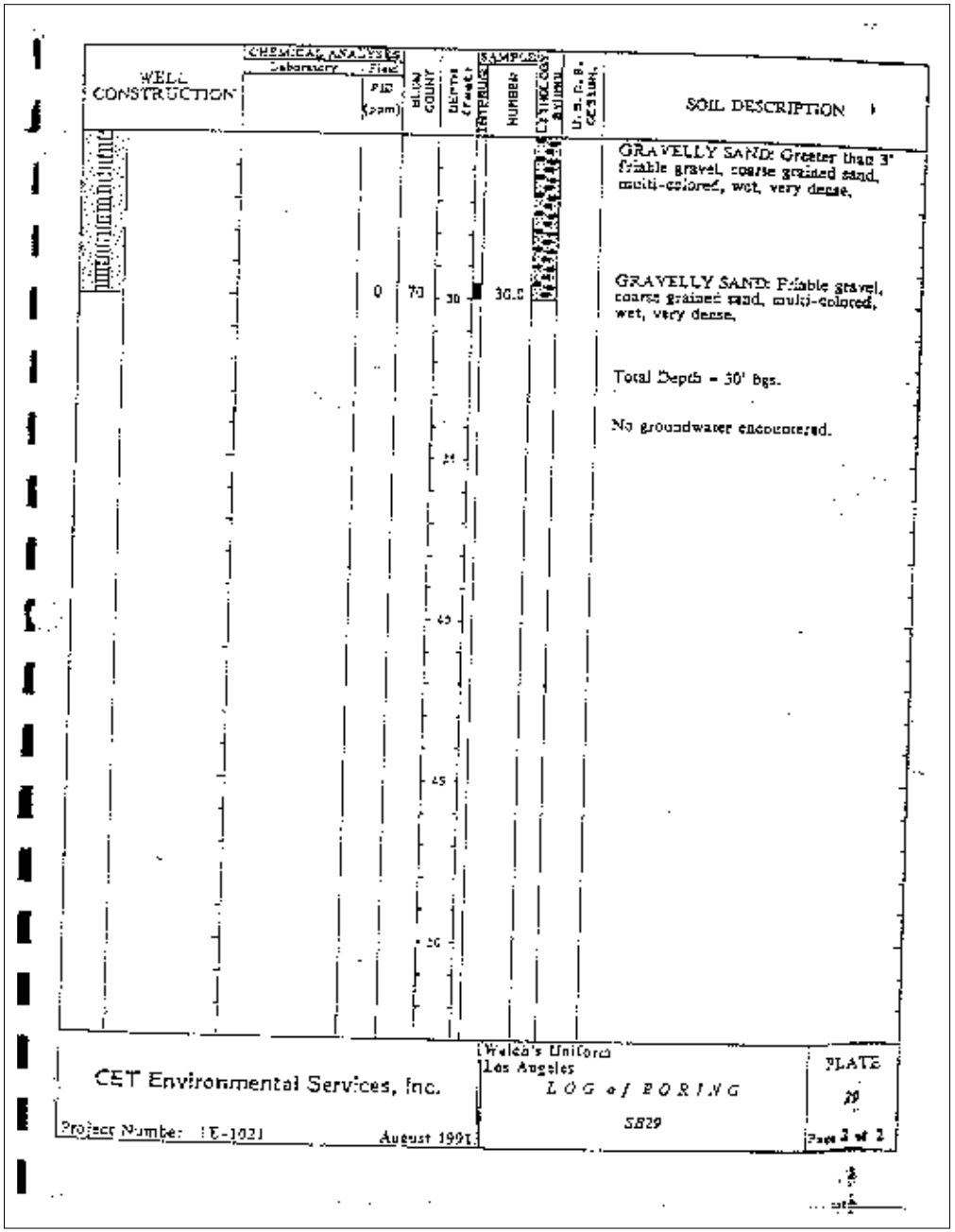

WELL CONSTRUCTION
CHEMICAL ANALYSES
Laboratory
Field
BLOW COUNT
DEPTH (Feet)
SAMPLE
NUMBER
LITHOLOGY SYMBOL
U.S.C.S. DESIGN.
SOIL DESCRIPTION
Reddish brown, medium to coarse sand with fine gravel, saturated
SP
55
60
Reddish brown, medium to coarse sand with fine to coarse gravel, saturated
65
Slotted PVC pipe with sand backfill
SM
70
Reddish brown, silty fine to coarse sand, very moist
75
Reddish brown, silty fine sand, saturated
ML
Reddish brown, fine sandy silt, saturated
80
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021
May 1990
WELCH'S UNIFORM RENTAL CO., L.A.
LOG of BORING
MW-10B
PLATE
5
Page 3of 4

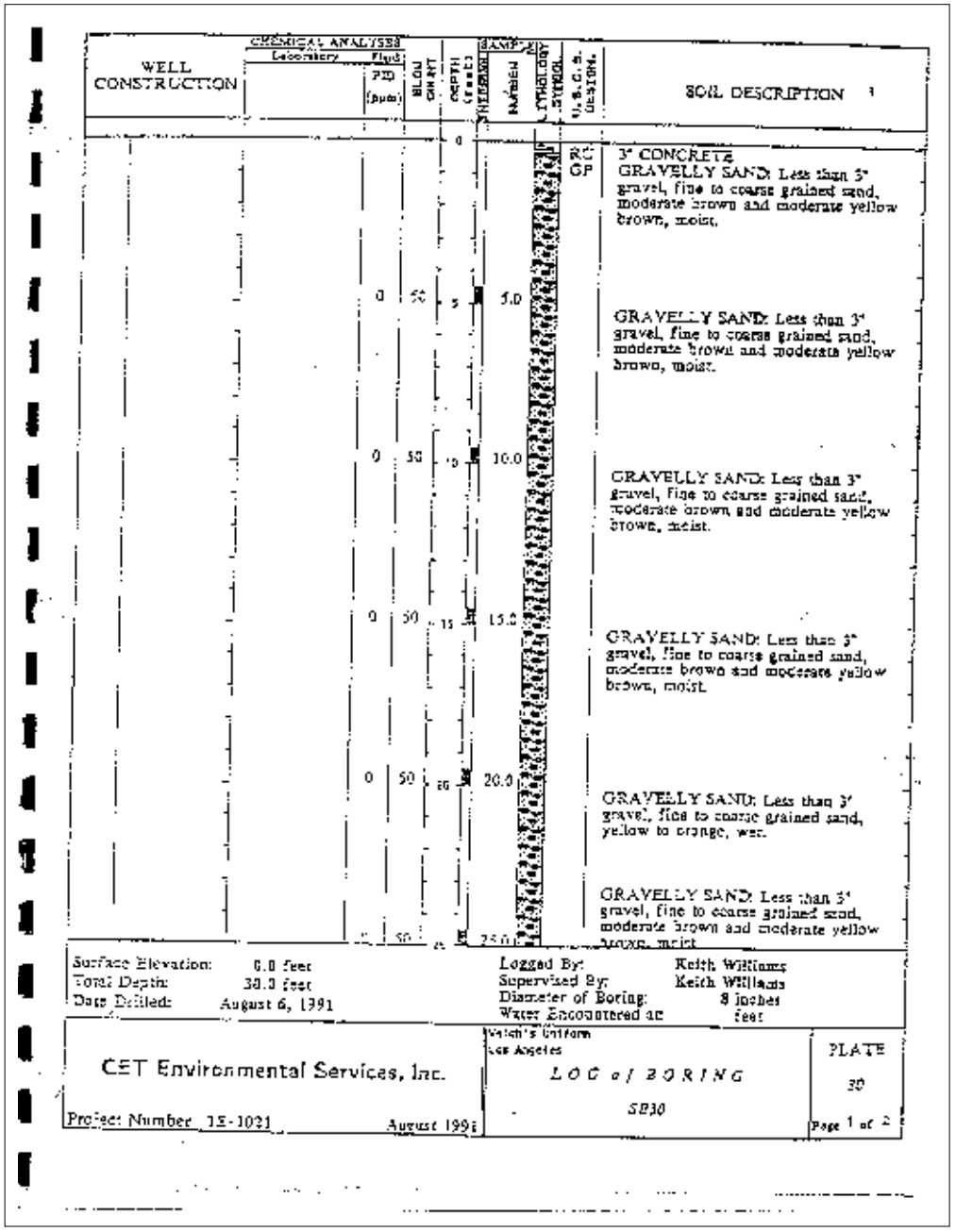

WELL CONSTRUCTION
CHEMICAL ANALYSES
Laboratory
Field
BLOW COUNT
DEPTH (Feet)
SAMPLE
NUMBER
LITHOLOGY SYMBOL
U.S.C.S. DESIGN.
SOIL DESCRIPTION
TS
85
Bedrock- reddish brown sandstone
Boring completed at 88'
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021
May 1990
WELCH'S UNIFORM RENTAL CO., L.A.
LOG of BORING
MW-10B
PLATE
5
Page 4of 4

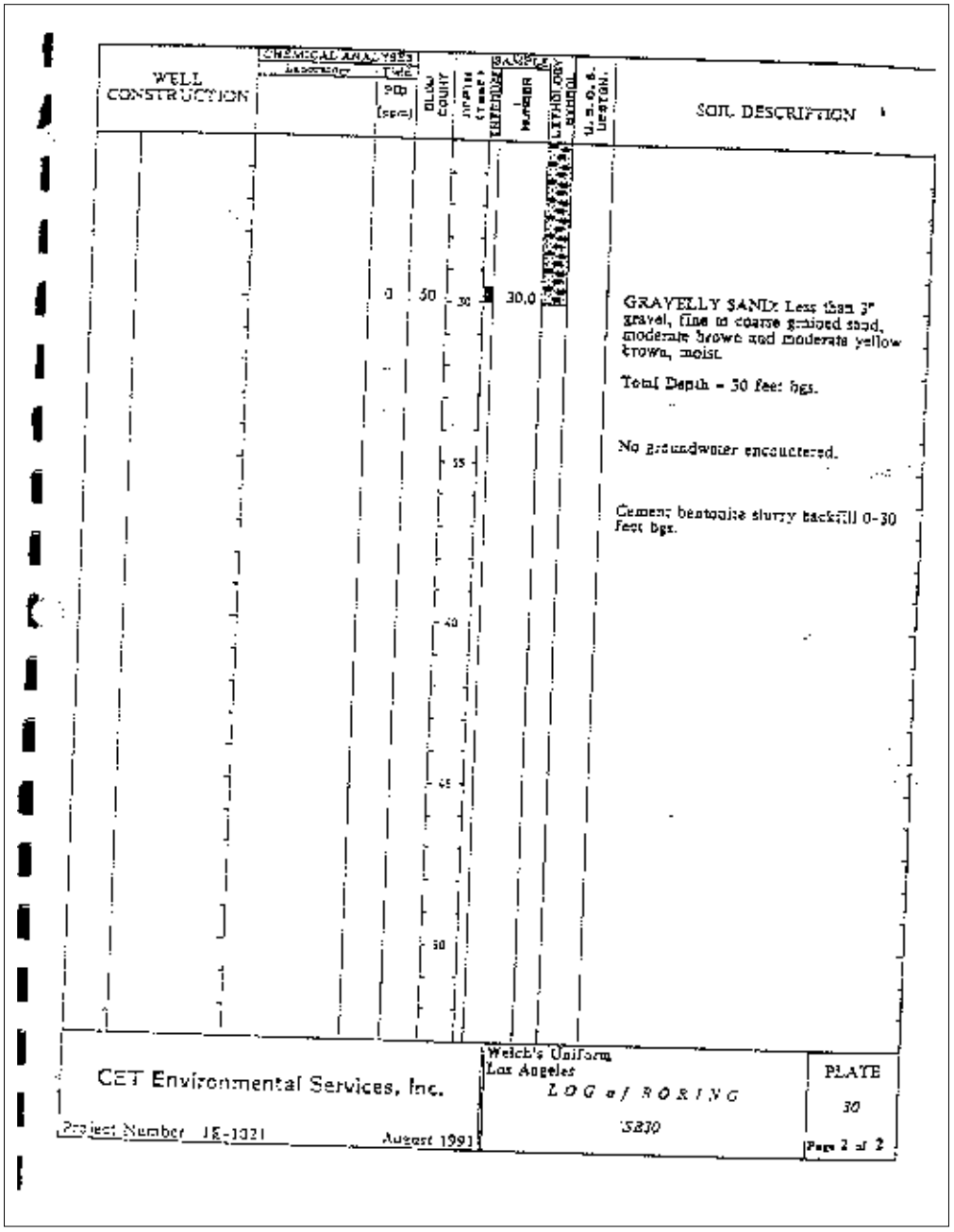

WELL CONSTRUCTION
CHEMICAL ANALYSES
Laboratory
Field
PID (ppm)
BLOW COUNT
DEPTH (Feet)
SAMPLES
INTERVAL
NUMBER
LITHOLOGY SYMBOL
U.S.C.S. DESIGN.
SOIL DESCRIPTION
0
AS
GM
3" ASPHALT
GRAVELLY SILTY SAND: 2-3" subangular gravel, medium to coarse grained sand, moderate brown, damp to moist, loose.
0
36
5
5.0
GRAVELLY SILTY SAND: 1/4" subangular gravel, medium to coarse grained sand, moderate brown, damp to moist, loose.
35
84
10
10.0
GW
GRAVELLY SAND: 1/4" subangular gravel, coarse grained sand, multi-colored, very moist, very dense.
55
110
15
15.0
GRAVELLY SAND: 3" friable gravel, coarse grained sand, multi-colored, very moist, very dense.
155
66
20
20.0
SW
SAND: Coarse grained, multi-colored, very moist, very dense.
GW
GRAVELLY SAND: 1-3" subangular gravel, coarse grained sand, multi-colored, very moist, very dense.
360
87
25
25.0
Surface Elevation: 0.0 feet
Total Depth: 37.0 feet
Date Drilled: June 13, 1991
Logged By:
Supervised By: Keith Williams
Diameter of Boring: 10 inches
Water Encountered at 36.0 feet
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021
July 1991
Welch's Uniform
Los Angeles
LOG of BORING
SB28
PLATE
28
Page 1 of 2


WELL CONSTRUCTION
CHEMICAL ANALYSES
Laboratory
Field
PID (ppm)
BLOW COUNT
DEPTH (Feet)
SAMPLES
INTERVAL
NUMBER
LITHOLOGY SYMBOL
U.S.C.S. DESIGN.
SOIL DESCRIPTION
70
30
165
27
33.0
35
40
45
50
GRAVELLY SAND: 1-3" subangular gravel, coarse grained sand, multi-colored, very moist, very dense.
No sample recovery at 30' bgs.
GRAVELLY SAND: 1-3" subangular gravel, coarse grained sand, multi-colored, very moist, very dense.
Groundwater encountered at 36' bgs.
Total Depth = 37' bgs.
Cement-bentonite slurry backfill 0-37' bgs.
THORNE ENVIRONMENTAL, Inc.
"TREATMENT BY DESIGN"
Project Number 1E-1021
July 1991
Welch's Uniform
Los Angeles
LOG of BORING
SB28
PLATE
28
Page 2 of 2


WELL CONSTRUCTION
CHEMICAL ANALYSES
Laboratory
Field
PID (ppm)
BLOW COUNT
SAMPLES
DEPTH (Feet)
INTERVAL
NUMBER
LITHOLOGY SYMBOL
U.S.C.S. DESIGN.
SOIL DESCRIPTION
Cement bentonite slurry backfill 0-3 feet bgs.
Bentonite seal 3-4 feet bgs.
Blank PVC pipe 0-5 feet bgs.
Screened PVC pipe 5-30 feet bgs.
Screened PVC pipe 5-30 feet bgs.
0 33 5.0
0 120 10.0
0 100 15.0
0 100 20.0
0 120 25.0
AS
GM
GP
4" CONCRETE
GRAVELLY SILTY SAND: Less than 3" gravel and granite cobbles, coarse grained sand, moderate brown, moist, loose.
GRAVELLY SILTY SAND: Less than 3" gravel and granite cobbles, coarse grained sand, moderate brown, moist, dense.
GRAVELLY SILTY SAND: Less than 3" gravel and granite cobbles, coarse grained sand, olive brown, moist, very dense.
GRAVELLY SILTY SAND: Less than 3" gravel and granite cobbles, friable, coarse grained sand, olive brown, moist, very dense.
GRAVELLY SAND: Greater than 3" friable gravel, coarse grained sand, multi-colored, wet, very dense.
Surface Elevation: 0.0 feet
Total Depth: 30.0 feet
Date Drilled: June 30, 1991
Logged By:
Supervised By: Keith Williams
Diameter of Boring: 10 inches
Water Encountered at feet
CET Environmental Services, Inc.
Project Number: 13-1021
August 1991
Welch's Uniform Los Angeles
LOG of BORING
SB29
PLATE 29
Page 1 of 2


WELL CONSTRUCTION
CHEMICAL ANALYSES
Laboratory
Field
PID (ppm)
BLOW COUNT
SAMPLES
DEPTH (Feet)
INTERVAL
NUMBER
LITHOLOGY SYMBOL
U.S.C.S. DESIGN.
SOIL DESCRIPTION
0 70 30.0
GRAVELLY SAND: Greater than 3" friable gravel, coarse grained sand, multi-colored, wet, very dense.
GRAVELLY SAND: Friable gravel, coarse grained sand, multi-colored, wet, very dense.
Total Depth = 30' bgs.
No groundwater encountered.
CET Environmental Services, Inc.
Project Number: 13-1021
August 1991
Welch's Uniform Los Angeles
LOG of BORING
SB29
PLATE 29
Page 2 of 2


WELL CONSTRUCTION
CHEMICAL ANALYSES
Laboratory
Type
PID (ppm)
BLOW COUNT
DEPTH (feet)
SAMPLE
NUMBER
LITHOLOGY SYMBOL
U.S.C.S. DESIGN.
SOIL DESCRIPTION
0
5
10
15
20
25
5.0
10.0
15.0
20.0
25.0
0
50
3" CONCRETE
RC
GP
GRAVELLY SAND: Less than 3" gravel, fine to coarse grained sand, moderate brown and moderate yellow brown, moist.
GRAVELLY SAND: Less than 3" gravel, fine to coarse grained sand, moderate brown and moderate yellow brown, moist.
GRAVELLY SAND: Less than 3" gravel, fine to coarse grained sand, moderate brown and moderate yellow brown, moist.
GRAVELLY SAND: Less than 3" gravel, fine to coarse grained sand, moderate brown and moderate yellow brown, moist.
GRAVELLY SAND: Less than 3" gravel, fine to coarse grained sand, yellow to orange, wet.
GRAVELLY SAND: Less than 3" gravel, fine to coarse grained sand, moderate brown and moderate yellow brown, moist.
Surface Elevation: 0.0 feet
Total Depth: 30.0 feet
Date Drilled: August 6, 1991
Logged By: Keith Williams
Supervised By: Keith Williams
Diameter of Boring: 8 inches
Water Encountered at feet
CET Environmental Services, Inc.
Welch's Uniform
Los Angeles
LOG of BORING
SB30
PLATE
30
Project Number 15-1021
August 1991
Page 1 of 2


WELL CONSTRUCTION
CHEMICAL ANALYSES
Laboratory
Type
PID (ppm)
BLOW COUNT
DEPTH (feet)
SAMPLE
NUMBER
LITHOLOGY SYMBOL
U.S.C.S. DESIGN.
SOIL DESCRIPTION
0
30
35
40
45
50
30.0
0
50
GRAVELLY SAND: Less than 3" gravel, fine to coarse grained sand, moderate brown and moderate yellow brown, moist.
Total Depth = 30 feet bgs.
No groundwater encountered.
Cement bentonite slurry backfill 0-30 feet bgs.
CET Environmental Services, Inc.
Welch's Uniform
Los Angeles
LOG of BORING
SB30
PLATE
30
Project Number 15-1021
August 1991
Page 2 of 2

CAPE ENVIRONMENTAL MANAGEMENT

14741 BENTLEY CIRCLE
TUSTIN, CA. 92780
PHONE (714) 838-1606
FAX: (714) 566-0837

PROJECT NAME: AMERIPRIDE SERVICES, INC - LOS ANGELES, CA

PROJECT NUMBER: 02497.001.002 BORING ID.: CB-1

LOGGED BY: CHECKED BY: P. Sonas LOCATION: Southwest of MW-3

ELEVATION: 354' above MSL WATER LEVEL: 34' bgs X COORDINATE: 9599.05 Y COORDINATE: 10046.70

DATE START: 10-02-00 DATE FINISHED: 10-02-00 DEPTH: 36.00 ft. BOREHOLE DIA.: 8

DRILLING EQUIPMENT: West Hazmat Drilling Corp. - CME-55 NOTES: Backfilled with Portland Cement. Bentonite slurry to surface with 4" concrete cap

SAMPLING METHOD: Hollow stem auger

ELEVATION (FT.)	DEPTH (ft.)	RECOVERY	BLOW COUNT	Ambient Air / WATER READING (ppm)	GRAPHIC LOG	USCS CODE	MATERIAL DESCRIPTION	BOREHOLE COMPLETION
		90	12			GW	GRAVEL: very light gray (N8), gravel 1/4" to > 1" diameter, little silt and fine grained sand, very dense, dry. NO HYDROCARBON ODOR	
350	4	100	2				GRAVEL: very light gray (N8), weathered/fractured granite, trace silt and fine grained sand, very dense, dry. NO HYDROCARBON ODOR	
345	10	100	0				GRAVEL: very light gray (N8), as above	
						SW		
339	15	35 60	0				GRAVELLY SAND: dark yellowish brown (10YR,4/2), fine to coarse grained sand, some 1/4 inch to 1/2 inch diameter gravel, very dense, slightly moist, NO HYDROCARBON ODOR	
335	20	92	3				GRAVELLY SAND: olive gray (5Y,4/1), as above	
330	25	25 70 40	5				GRAVELLY SAND: olive gray (5Y,4/1), fine to coarse grained sand, some gravel 1/4 inch to > 2 inch in diameter, very dense, slightly moist, NO HYDROCARBON ODOR	

ELEVATION (FT.)	DEPTH (ft.)	RECOVERY	BLOW COUNT	Ambient Air / WATER READING (ppm)	GRAPHIC LOG	USCS CODE	MATERIAL DESCRIPTION	BOREHOLE COMPLETION
		78	7	4			GRAVELLY SAND: olive gray (5Y,4/1), fine to coarse grained sand, some gravel 1/4 inch to 1/2" inch diameter, very dense, slightly moist, NO HYDROCARBON ODOR	
330	35	80 56	56			SW GW	GRAVELLY SAND TO SANDY GRAVEL: olive gray (5Y,4/1), fine to coarse grained sand, 1/4 inch to 1 inch diameter gravel, very dense, wet, STRONG HYDROCARBON ODOR	
325	40							
320	45							
315	50							
310	55							
305	60							
300	65							
	70							

CAPE ENVIRONMENTAL MANAGEMENT

14181 BENTLEY CIRCLE
TUSTIN, CA 92780
PHONE (714) 505-1800
FAX (714) 505-8697

PROJECT NAME: AREA PRIDE SERVICES, INC. - LOS ANGELES, CA

PROJECT NUMBER: 32497.501.002 | BORING ID: SB-1

LOGGED BY: | CHECKED BY: P. Schey

LOCATION: Southwest of MW-3

ELEVATION: 344' above MSL | WATER LEVEL: 38' bgs

X COORDINATE: 1627.10 | Y COORDINATE: 1687.06

DATE START: 12-02-09 | DATE FINISHED: 12-02-09

DEPTH: 35.0 ft | BOREHOLE DIA.: 8"

DRILLING EQUIPMENT: West Hazmat Drilling Corp. - CME-85

NOTES: Backfilled with Portland Cement. Bentonite slurry to surface with 4" concrete cap

SAMPLING METHOD: Hollow stem auger

ELEVATION (feet MSL)	DEPTH (FT)	RECOVERY	BLOW COUNT	Photoionization Detector (PID) VAPOR READING (ppm)	GRAPHIC LOG	USCS CODE	MATERIAL DESCRIPTION	BOREHOLE COMPLETION
		100		0		GW	GRAVEL: olive gray (5Y,4/1) to brownish gray (5Y,4/1), very dense, loose, 1/4" to 3/8" gravel, dry, NO HYDROCARBON ODOR	
340	5	100		0		GW GM	GRAVELLY SILT: olive gray (5Y,4/1), very dense, little fine to fine grained sand with some 1/4" to 3/8" gravel, dry, NO HYDROCARBON ODOR	
335	10	100		0			GRAVEL: light olive gray (5Y,6/1), very fine to coarse grained sand, 1/4" to cobble sized gravel, very dense, dry, NO HYDROCARBON ODOR	
330	15	100		1		GW		
325	20						No sample	
320	25	100		6		GP	POORLY GRADED GRAVEL: olive gray (5Y,4/1) to dark yellowish brown (10YR,4/2), 1/4" to 1" diameter gravel, some medium to coarse grained sand, very dense, slightly moist, NO HYDROCARBON ODOR	
						GW		

ELEVATION (feet MSL)	DEPTH (FT)	RECOVERY	BLOW COUNT	Photoionization Detector (PID) VAPOR READING (ppm)	GRAPHIC LOG	USCS CODE	MATERIAL DESCRIPTION	BOREHOLE COMPLETION
		100		0			GRAVEL: olive gray (5Y,4/1) to olive black (5Y,2/1), 1/4" to 1/2" gravel, trace medium gravelly sand, very dense, slightly moist, ND HYDROCARBON ODOR	
320	25	52		42		GP	encountered groundwater	
315	30						GRAVEL: olive gray (5Y,4/1), poorly graded 1/4" to >1" diameter gravel, some medium to coarse grained sand, very dense, wet, STRONG HYDROCARBON ODOR	
310	35						Total depth = 35 feet bgs	

CAPE ENVIRONMENTAL MANAGEMENT

14764 BERKLEY CIRCLE
TUSTIN, CA. 92780
PHONE (714) 505-1369
FAX (714) 505-0367

PROJECT NAME: AMERIPRIDE SERVICES, INC. - LOS ANGELES, CA

PROJECT NUMBER: 02437.001.002 BORING ID: CB-3

LOGGED BY: CHECKED BY: P. Simms LOCATION: Southwest of MW-3

ELEVATION: 354' above MSL WATER LEVEL: 34' bgs X COORDINATE: 6816.69 Y COORDINATE: 9550.33

DATE START: 06-03-02 DATE FINISHED: 06-03-02 DEPTH: 45.85 ft. BOREHOLE DIA.: 8"

DRILLING EQUIPMENT: West Harmon Drilling Corp. - CME-75 NOTES: Backfilled with Portland Cement, Bentonite slurry to surface with 4" concrete cap

SAMPLING METHOD: Hollow stem auger

ELEVATION (FT)	DEPTH (FT)	RECOVERY	BLOW COUNT	Pictures 100 VAPOR READING (ppm)	GRAPHIC LOG	USCS CODE	MATERIAL DESCRIPTION	BOREHOLE COMPLETION
						SP	SAND: olive gray (5Y,4/1) to dark yellowish brown (10YR,4/1), very fine to fine grained, little silt, slightly dense, slightly moist, NO HYDROCARBON ODOR	
349	5	18	0			SC	CLAYEY SAND: dark yellowish brown (10YR,4/2), very fine grained, some clay, little silt, slightly dense to dense, slightly moist, NO HYDROCARBON ODOR	
344	10	60	0			SW	GRAVELLY SAND/GRAVEL: olive gray (5Y,4/1), very fine to coarse grained sand, gravel from 1/4" to >2" diameter, little silt, very dense, slightly moist, NO HYDROCARBON ODOR drill rig had to retrieve hammer from borehole - replaced swivel hammer stuck in auger	
339	15						lost - no sample	
345	20	100	0			GW	GRAVEL: light gray (N7), weathered granite 1/4" to >2" in diameter, very dense, dry, NO HYDROCARBON ODOR	
340	25	100	0			SW	GRAVELLY SAND TO SANDY GRAVEL: olive gray (5Y,4/1), very fine to medium grained sand, 1/4" to >1" diameter gravel, very dense, slightly moist, NO HYDROCARBON ODOR	

ELEVATION (FT)	DEPTH (FT)	RECOVERY	BLOW COUNT	Pictures 100 VAPOR READING (ppm)	GRAPHIC LOG	USCS CODE	MATERIAL DESCRIPTION	BOREHOLE COMPLETION
		100	0			SW	GRAVELLY SAND TO SANDY GRAVEL: as above	
320	35	45	1000+				GRAVELLY SAND: olive gray (5Y,4/1), medium to coarse grained, some gravel 1/4" to >1" diameter, very dense, wet, STRONG HYDROCARBON ODOR Total depth = 35 feet bgs	
325	40							
320	45							
315	50							
309	55							
305	60							
300	65							
	70							

CAPE ENVIRONMENTAL MANAGEMENT

14141 RENTLEY CIRCLE
TUSTIN, CA. 92780
PHONE (714) 505-1808
FAX (714) 556-0967

PROJECT NAME: AMER PRIDE SERVICES, INC. - LOS ANGELES, CA

PROJECT NUMBER: 03497.001.002 BORING ID: CB-4

LOGGED BY: CHECKED BY: P. Bonin LOCATION: Southwest of WWO

ELEVATION: 349' above MSL WATER LEVEL: 34' bgs X COORDINATE: 5788.61 Y COORDINATE: 9622.31

DATE START: 08-02-00 DATE FINISHED: 08-02-00 DEPTH: 35.00 ft. CORE-HOLE DIA.: 8

DRILLING EQUIPMENT: West Hazmat Drilling Corp. - CME-55 NOTES: Backfilled with Portland Cement. Bentonite slurry to surface with 4" concrete cap

SAMPLING METHOD: Hollow stem auger

ELEVATION (FT)	DEPTH (FT)	RECOVERY	BLOW COUNT	HEADSPACE OR VAPOR READING (ppm)	GRAPHIC LOG	USCS CODE	MATERIAL DESCRIPTION	BOREHOLE COMPLETION
			7 25 25	10		SP	SAND: dusky brown (5YR,2/2), very fine to fine grained, trace silt, little clay, dense, slightly moist, NO HYDROCARBON ODOR	
345	5		14 21 15	0		CL	SILTY CLAY: grayish brown (5YR,3/2), firm, slightly moist, some silt, NO HYDROCARBON ODOR	
335	15		12 19 47	0			SILTY CLAY: brownish black (5YR,2/1), firm, slightly moist, some silt, NO HYDROCARBON ODOR	
							SILTY CLAY: grayish black (N2), firm, slightly moist, some silt, NO HYDROCARBON ODOR	
340	25		5 50 50	0		SP	SAND: olive gray (5Y,3/1) to dark yellowish brown (10YR,4/2), very fine to medium grained, little gravel, dense, slightly moist, NO HYDROCARBON ODOR	
330	25		33 50	0		CL	CLAY: brownish black (5YR,2/1), firm to hard, slightly moist, trace sand, NO HYDROCARBON ODOR	
						SW		

PROJECT NAME: AMERIPRIDE SERVICES, INC. - LOS ANGELES, CA PROJECT NUMBER: 03497.001.002 BORING ID: CB-4

ELEVATION (FT)	DEPTH (FT)	RECOVERY	BLOW COUNT	HEADSPACE OR VAPOR READING (ppm)	GRAPHIC LOG	USCS CODE	MATERIAL DESCRIPTION	BOREHOLE COMPLETION
			50				GRAVELLY SAND: dark yellowish brown (10YR,4/2), fine to medium grained, some 1/4" to >1" diameter gravel, very dense, slightly moist, NO HYDROCARBON ODOR	
330	20	50	100	0			GRAVELLY SAND: dark yellowish brown (10YR,4/2), fine to medium grained, some 1/4" to >1" gravel, very dense, slightly moist, NO HYDROCARBON ODOR Total depth = 35 feet bgs	
325	40							
315	50							
310	55							
305	65							
300	65							
	70							

CAPE ENVIRONMENTAL MANAGEMENT

14701 BENTLEY CIRCLE
TUSTIN, CA. 92780
PHONE (714) 505-1660
FAX. (714) 544-0937

PROJECT NAME: AMERIPRIDE SERVICES, INC. - LOS ANGELES, CA

PROJECT NUMBER: 02457.001.002 BORING ID.: CB-6

LOGGED BY: CHECKED BY: P. Stone LOCATION: Southeast of MW-3

ELEVATION: 284' above MSL WATER LEVEL: dy X COORDINATE: 6703.75 Y COORDINATE: 6662.52

DATE START: 08-03-00 DATE FINISHED: 08-03-00 DEPTH: 32.00 ft. BORE-HOLE DIA.: 8

DRILLING EQUIPMENT: West Hazmat Drilling Corp. - CME-55 NOTES: Backfilled with Portland Cement Bentonite slurry to surface with 4" concrete cap

SAMPLING METHOD: Hollow stem auger

ELEVATION (FT)	DEPTH (FT)	RECOVERY	BLOW COUNT	Photovac 10S VAPOR READING (ppm)	GRAPHIC LOG	USCS CODE	MATERIAL DESCRIPTION	BOREHOLE COMPLETION
						SW		
		100						
280	5	100	0				GRAVELLY SAND: dark yellowish brown (10YR,4/2), very fine to medium grained, some 1/4" diameter gravel, very dense, dry, NO HYDROCARBON ODOR	
						SP		
275	10	12 38 50	0				SAND: dark yellowish brown (10YR,4/2), very fine to fine-grained, trace 1/4" diameter gravel, dense, slightly moist, NO HYDROCARBON ODOR	
268	15	14 50	0				SAND: dark yellowish brown (10YR,4/2), fine to coarse grained, dense, slightly moist, NO HYDROCARBON ODOR	
						SW		
263	20	68 50	0				SAND: dark yellowish brown (10YR,4/2), fine to coarse grained, some 1/4" to 1/2" diameter gravel, very dense, slightly moist, NO HYDROCARBON ODOR	
260	25	28 50	0				GRAVELLY SAND: as above	
						GW		

PROJECT NAME: AMERIPRIDE SERVICES, INC. LOS ANGELES, CA PROJECT NUMBER: 02457.001.002 BORING ID.: CB-6

ELEV.	DEPTH (FT)	RECOVERY	BLOW COUNT	Photovac 10S VAPOR READING (ppm)	GRAPHIC LOG	USCS CODE	MATERIAL DESCRIPTION	BOREHOLE COMPLETION
			88	0			GRAVEL: very light gray (N8), 1/2" to >2" diameter gravel, little fine grained sand, very dense, slightly moist, NO HYDROCARBON ODOR	
			50					
			100	0			GRAVEL: very light gray (N8), 1/2" to >2" diameter, little fine grained sand, very dense, slightly moist, NO HYDROCARBON ODOR	
250	35						Refusal @ 32' bgs	
							Total depth = 32 feet bgs	
245	40							
240	45							
235	50							
230	55							
225	60							
220	65							
2	TD							

CAPE ENVIRONMENTAL MANAGEMENT

14741 BENTLEY CIRCLE
TUSTIN, CA. 92780
PHONE (714) 668-1600
FAX: (714) 508-6667

PROJECT NAME: AMERIPRIDE SERVICES, INC. - LOS ANGELES, CA

PROJECT NUMBER: 02497.001.002 BORING ID.: CB-6

LOGGED BY: CHECKED BY: A. Sarkis

LOCATION: Southwest of Bay-3

ELEVATION: 354' above MSL WATER LEVEL: 34' bgs

X COORDINATE: 6701.51 Y COORDINATE: 5474.33

DATE START: 08-02-06 DATE FINISHED: 08-02-06

DEPTH: 35.5 ft. BOREHOLE DIA.: 8"

DRILLING EQUIPMENT: Mobil Electric Drill(s) Corp. - CME-85

NOTES: Backfilled with Portland Cement, Bentonite slurry to surface with 4" concrete cap

SAMPLING METHOD: Hollow stem auger

ELEVATION (FT)	DEPTH (FT)	ABSOLUTE	BLOW COUNT	Portable 128 VAPOR READING (ppm)	GRAPHIC LOG	USCS CODE	MATERIAL DESCRIPTION	BOREHOLE COMPLETION
		12				GP	GRAVEL: very light gray (N8), little silt and sand, very dense, dry, NO HYDROCARBON ODOR	
		25					refusal @ 2', moved rig 4 feet to south	
350	5	36						
		100						
345	10	100		0				
							SANDY GRAVEL: olive gray (5Y,4/1), medium to coarse grained sand, gravel 1/4" to >2 inch in diameter, very dense, moist, NO HYDROCARBON ODOR	
						SW		
340	15	84		0			GRAVELLY SAND: dark yellowish brown (10YR,4/2), fine to coarse grained sand, some gravel, very dense, slightly moist, NO HYDROCARBON ODOR	
		50						
335	20	85		0				
		60						
330	25	50		0			GRAVELLY SAND: olive gray (5Y,4/1), fine to coarse grained, some gravel 1/4" to >2" in diameter, trace clay, very dense, slightly moist, NO HYDROCARBON ODOR	
		50						

ELEVATION (FT)	DEPTH (FT)	MEDIDAS	MICRO COUNT	Portable 128 VAPOR READING (ppm)	GRAPHIC LOG	USCS CODE	MATERIAL DESCRIPTION	BOREHOLE COMPLETION
			100	1			GRAVELLY SAND: as above	
			65	204				
			50					
320	35						encountered groundwater GRAVELLY SAND: medium to coarse grained, 1/4" to >1-1/2" diameter gravel, very dense, wet, STRONG HYDROCARBON ODOR Total depth = 35 feet bgs	
325	40							
320	45							
315	50							
310	55							
305	60							
300	65							
	70							

CAPE ENVIRONMENTAL MANAGEMENT

14791 BEATLEY CIRCLE
TUSTIN, CA. 92780
PHONE (714) 505-1335
FAX: (714) 505-0387

PROJECT NAME: AMERIPRIDE SERVICES, INC. - LOS ANGELES, CA

PROJECT NUMBER: 02497.001/002 | BORING ID.: MW-6A

LOGGED BY: | CHECKED BY: P. Boese | LOCATION: at Pasadena Ave. south of bridge

ELEVATION: 279.40' | WATER LEVEL: 41' bgs | X COORDINATE: 6672.58 | Y COORDINATE: 1013.67

DATE START: 05-04-05 | DATE FINISHED: 05-04-05 | DEPTH: 45.5' ft. | BOREHOLE DIA.: 10

DRILLING EQUIPMENT: Water Development Corp. - Star 2000 HH, Air Rotary

NOTES: Set 4" sch 40 PVC; bent-0-30' bgs, sand-pack-30-45' bgs, bentonite seal, #3 monterey sand 45-45' bgs, bentonite chip 24-27' bgs, bentonite-concrete-1-24' bgs, traffic box-0 1' bgs

SAMPLING METHOD: grab samples from air rotary discharge

ELEVATION (FT.)	DEPTH (FT.)	RECOVERY	BLOW COUNT	PID-FID VAPOR READING (ppm)	GRAPHIC LOG	USCS CODE	MATERIAL DESCRIPTION	BOREHOLE COMPLETION
	0			0		SP	4" asphalt over 8" concrete	
268	5			0			SAND: fine to medium grained, slightly moist, NO HYDROCARBON ODOR	
264	10			0			SAND AND GRAVEL: 1/4 inch to 1 inch diameter, slightly moist	
259	15			0			SAND: medium grained, sfigihtly moist, added 20' of casing	
254	20			0		GP	SAND: medium to coarse grained, sfigihtly moist	
249	25			0		SP	GRAVEL: 1/4 inch to 2" in diameter, slightly moist, some medium to coarse grained sand	
							SAND: fine to medium grained, slightly moist, some gravel	

ELEVATION (FT.)	DEPTH (FT.)	RECOVERY	BLOW COUNT	PID-FID VAPOR READING (ppm)	WELL/PIEZ LOG	USCS CODE	MATERIAL DESCRIPTION	BOREHOLE COMPLETION
				0			SAND: as above	
235	35			0			SAND: fine to medium grained, some coarse, some gravel, slightly moist	
234	40			0			SAND: as above boring dry @36' bgs	
						SW GW	SAND WITH GRAVEL: fine to medium grained sand, some coarse, some gravel up to 2" diameter, very moist	
							SAND AND GRAVEL: as above, wet	
229	45			0		SP	GRAVEL: up to 2-1/2 inch diameter, little coarse grained sand, wet	
224	50			0			GRAVEL: as above	
219	55			0			GRAVEL: up to 3 inch in diameter, some coarse grained sand, wet	
214	60			0			GRAVEL: up to 2 inch in diameter, some coarse grained sand, wet	
							GRAVEL AND SAND: up to 1-1/2 inch diameter gravel, some coarse grained sand, wet	
209	65			0			GRAVEL AND SAND: gravel up to 1-1/2 inch diameter, some medium to coarse grained sand, wet	
							Total depth 65 feet bgs	
	70							
	75							

CAPE ENVIRONMENTAL MANAGEMENT
14741 MONTECITO CIRCLE
TUSTIN, CA. 92780
PHONE (714) 556-1905
FAX: (714) 508-0357

PROJECT NAME: AMERIPRIDE SERVICES, INC. - LOS ANGELES, CA

PROJECT NUMBER: 02497.001.002 BORING ID: MW-11

LOGGED BY: CHECKED BY: P. Bones LOCATION: South of fenceline, 20' west of MW-6

ELEVATION: 363.74' WATER LEVEL: 35.8' BGS X COORDINATE: 6483.84 Y COORDINATE: 10337.37

DATE START: 08-28-06 DATE FINISHED: 08-28-06 DEPTH: 88.00 ft. BORE HOLE DIA.: 10

DRILLING EQUIPMENT: Water Development Corp. - Star 3000 30K Air Rotary

NOTES: Set 4" sch 40 PVC: blank 0-23' bgs, slot 23-88' bgs, backfilled with #3 monterey sand 23-88' bgs, bentonite chip 19-23' bgs, cement/bentonite grout 0-19' bgs, traffic box 0-1' bgs

SAMPLING METHOD: grab samples from air rotary discharge

ELEVATION (FT)	DEPTH (FT)	AUGER/MW	BLOW COUNT	PID/FID (UNCORRECTED) (ppm)	GRAPHIC LOG	USCS CODE	MATERIAL DESCRIPTION	BOREHOLE COMPLETION
				0		SW GW	Dirt surface SAND WITH GRAVEL: up to 1 inch diameter, slightly moist	
359	5			0				
354	10			0			SAND WITH GRAVEL: up to 1 inch diameter, slightly moist	
349	15			0			SAND WITH GRAVEL: up to 1-1/2 inch diameter, slightly moist	
344	20			0			SAND WITH GRAVEL: up to 1 inch diameter, slightly moist	
339	25			0			SAND WITH GRAVEL: up to 1 inch diameter, slightly moist	
				20				

PROJECT NAME: AMERIPRIDE SERVICES, INC. - LOS ANGELES, CA PROJECT NUMBER: 02497.001.002 BORING ID: MW-11

ELEVATION (FT)	DEPTH (FT)	AUGER/MW	BLOW COUNT	PID/FID (UNCORRECTED) (ppm)	GRAPHIC LOG	USCS CODE	MATERIAL DESCRIPTION	BOREHOLE COMPLETION
335	30			0			SAND AND GRAVEL: moist SAND AND GRAVEL: moist SAND AND GRAVEL: wet	
324	40			0			SAND WITH GRAVEL: up to 1 inch diameter, wet	
319	45			0			SAND WITH GRAVEL: up to 1-1/2 inch diameter, wet	
314	50			0			SAND WITH GRAVEL: up to 1-1/2 inch diameter, wet	
309	55			0			SAND WITH GRAVEL: up to 1 inch diameter, wet Total depth 88 feet bgs	
304	60							
299	65							
294	70							

CAPE ENVIRONMENTAL MANAGEMENT

14795 BENTLEY CIRCLE
TUSTIN, CA. 92780
PHONE: (714) 505-1800
FAX: (714) 505-0447

PROJECT NAME: AMERIPRIDE SERVICES, INC. - LOS ANGELES, CA

PROJECT NUMBER: 32487.001.002 | BORING ID.: MW-12

LOGGED BY: | CHECKED BY: P. Sosso | LOCATION: south of strip of fence line

ELEVATION: 351.49' | WATER LEVEL: 36.81' | X COORDINATE: 9648.46 | Y COORDINATE: 6976.15

DATE START: 06-25-00 | DATE FINISHED: 06-29-00 | DEPTH: 55.34 ft | BOREHOLE DIA.: 10

DRILLING EQUIPMENT: Water Development Corp. - Star 3500 50K Air Rotary

NOTES: Set 4" sch 40 PVC, blank-0-25' bgs, slotted-25-55' bgs, bagfilled with #3 monterey sand 21-55' bgs, bentonite chips 1-18' bgs, traffic box-0-1' bgs

SAMPLING METHOD: grab samples from air rotary discharge

ELEVATION (FT)	DEPTH (FT)	RECOVERY	BLOW COUNT	FIELD SCREENING HEADING (ppm)	GRAPHIC LOG	USCS CODE	MATERIAL DESCRIPTION	BOREHOLE COMPLETION
						SW	Dirt surface	
353	5			0			SAND: with little gravel up to 1 inch diameter, slightly moist	
348	10			0			SAND: with trace of gravel up to 1 inch diameter, slightly moist	
343	15			0			SAND: trace gravel, slightly moist	
338	20			0			SAND: trace gravel, slightly moist	
333	25			0			SAND: little gravel, slightly moist	
						SW		

ELEVATION (FT)	DEPTH (FT)	RECOVERY	BLOW COUNT	FIELD SCREENING HEADING (ppm)	GRAPHIC LOG	USCS CODE	MATERIAL DESCRIPTION	BOREHOLE COMPLETION
				0		GW	SAND AND GRAVEL: gravel up to 1-1/2 inch diameter, moist	
329	30			0			SAND AND GRAVEL: gravel up to 1 inch diameter, moist	
324	40			0			SAND AND GRAVEL: gravel up to 1-1/2 inch diameter, wet	
319	45			0			SAND AND GRAVEL: gravel up to 1 inch diameter, wet	
314	50			0			SAND AND GRAVEL: gravel up to 1 inch diameter, wet	
309	55			0			SAND AND GRAVEL: gravel up to 1-1/2 inch diameter, wet	
304	60						Total depth 55 feet bgs	
299	65							
294	70							

CAPE ENVIRONMENTAL MANAGEMENT

14741 BENTLEY CIRCLE
TUSTIN, CA. 92780
PHONE: (714) 505-1660
FAX: (714) 505-1667

PROJECT NAME: AMERIPRIDE SERVICES, INC. - LOS ANGELES, CA

PROJECT NUMBER: 03447.001.002 BORING ID: MW-13A

LOGGED BY: CHECKED BY: P. Sumsa

LOCATION: on W Avenue 34, 400± of MW-13B

ELEVATION: 338.00' WATER LEVEL: 49' bgs

X COORDINATE: 6246.39 Y COORDINATE: 6508.55

DATE START: 10-30-09 DATE FINISHED: 05-26-00

DEPTH: 64.00 ft. BOREHOLE DIA.: 10

DRILLING EQUIPMENT: Water Development Corp. Star 3000 DTH Air Rotary

NOTES: Set 4" sch 40 PVC; blank 0-32' bgs, slotted-32-62' bgs, sacrified with: 63 TYHRRY SAND-28-64' bgs, bentonite chip-25-28' bgs, bentonite-concrete-1-25' bgs, traffic box-0-1' bgs

SAMPLING METHOD: grab samples from air rotary discharge

ELEVATION (FT.)	DEPTH (FT.)	RECOVERY	BLOW COUNT	PID 10.6 VAPOR READING (ppm)	GRAPHIC LOG	USCS CODE	MATERIAL DESCRIPTION	BOREHOLE COMPLETION
						SW	6" asphalt surface	
330	8			0			SAND: fine to medium grained, slightly moist	
320	18			0			SAND: medium to coarse grained, slightly moist	
308	30			0			SAND AND GRAVEL: medium to coarse grained sand, gravel up to 1 inch diameter, slightly moist	
290	48			0			SAND: medium to coarse grained, slightly moist	
275	63			0			SAND: and little gravel, medium to coarse grained, slightly moist	

ELEVATION (FT.)	DEPTH (FT.)	RECOVERY	BLOW COUNT	PID 10.6 VAPOR READING (ppm)	GRAPHIC LOG	USCS CODE	MATERIAL DESCRIPTION	BOREHOLE COMPLETION
							SAND: little gravel, medium to coarse grained, gravel up to 3 inch diameter, slightly moist	
334	36			0		SW GW	SAND AND GRAVEL: medium to coarse grained, gravel up to 1 1/2" in diameter, slightly moist	
320	48			0			SAND AND LITTLE GRAVEL: medium to coarse grained, moist	
310	48			0			SAND AND LITTLE GRAVEL: medium to coarse grained, gravel up to 1 inch diameter	
300	58			0			SAND AND LITTLE GRAVEL: medium to coarse grained, gravel up to 1 1/2 inch diameter	
295	68			0			SAND AND LITTLE GRAVEL: medium to coarse grained, wet	
308	68			0			SAND AND LITTLE GRAVEL: medium to coarse grained, gravel up to 1 1/2 inch diameter	
255	64			0			Total depth 64 feet bgs	
	70							

CAPE ENVIRONMENTAL MANAGEMENT

14751 BENTLEY CIRCLE
TUSTIN, CA. 92780
PHONE (714) 505-1559
FAX: (714) 505-9667

PROJECT NAME: AMERIPRIDE SERVICES, INC. - LOS ANGELES, CA

PROJECT NUMBER: 02487.001.002 | BORING ID.: MW-13B

LOGGED BY: | CHECKED BY: P. Sonia | LOCATION: on W Avenue 34, west of MW-13A

ELEVATION: 360.11' | WATER LEVEL: approx. 42' bgs | X COORDINATE: 6237.58 | Y COORDINATE: 6291.56

DATE START: 05-31-06 | DATE FINISHED: 06-01-06 | DEPTH: 86.69 ft. | BOREHOLE DIA.: 10

DRILLING EQUIPMENT: Water Development Corp. - Star 3000 30K Air Rotary

SAMPLING METHOD: grab samples from air rotary discharge

NOTES: Set 4" sch 40 PVC blank 0-70' bgs, slotted 70-86' bgs, bowtied with #3 monterey sand 65-86' bgs, bentonite chips 56-65' bgs, cement/bentonite grout 2.5-45' bgs, concrete 1-2.5' bgs, traffic box 0-1' bgs

ELEVATION (FT)	DEPTH (FT)	RECOVERY	BLOW COUNT	PID OR VAPOR READING (ppm)	GRAPHIC LOG	USCS CODE	MATERIAL DESCRIPTION	BOREHOLE COMPLETION
	0					SP	4" asphalt SAND: with some gravel, 1/2 to 3/4 inch diameter, dry, NO ODOR	
355	5							
350	10			0			MEDIUM TO COARSE SAND: with some gravel, dry, gravel to 3/8 to 1 inch diameter, angular, NO ODOR	
345	15							
340	20			0			COARSE GRAVELLY SAND: gravel diameter to 3/4 inch, rounded, dry to slightly moist, NO ODOR	
335	25							

PAGE 1 OF 3

PROJECT NAME: AMERIPRIDE SERVICES, INC. - LOS ANGELES, CA | PROJECT NUMBER: 02487.001.002 | BORING ID.: MW-13B

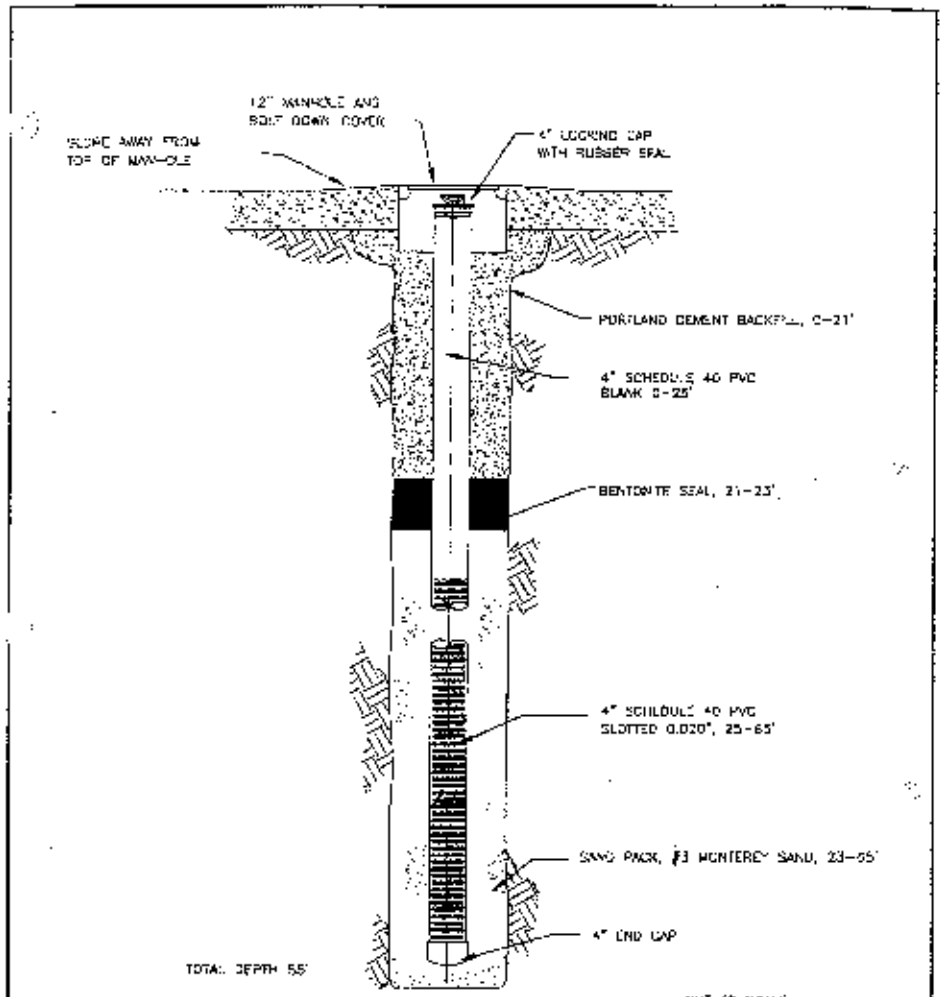
ELEVATION (FT)	DEPTH (FT)	RECOVERY	BLOW COUNT	PID OR VAPOR READING (ppm)	GRAPHIC LOG	USCS CODE	MATERIAL DESCRIPTION	BOREHOLE COMPLETION
							MEDIUM SAND: trace gravel to 1/2 inch diameter, dry, NO ODOR	
				0			GRAVELLY SAND: gravel to 1/4 inch diameter, dry, NO ODOR	
325	35			0			MEDIUM TO COARSE SAND: no gravel	
				0			GRAVELLY COARSE SAND TO FINE SAND: gravel to 1/4 inch diameter, dry, NO ODOR	
320	40						COARSE TO MEDIUM SAND: with some gravel to 3/4 inch diameter, angular to subrounded, dry to slightly moist, NO ODOR	
							adding water to borehole	
315	45			0			SAND: with trace gravel to 3/8 inch	
310	50			0			SAND: with trace gravel to 1/2 inch diameter	
305	55			0			same as above	
300	60			0			same as above	
295	65			0			same as above	
290	70							

PAGE 2 OF 3

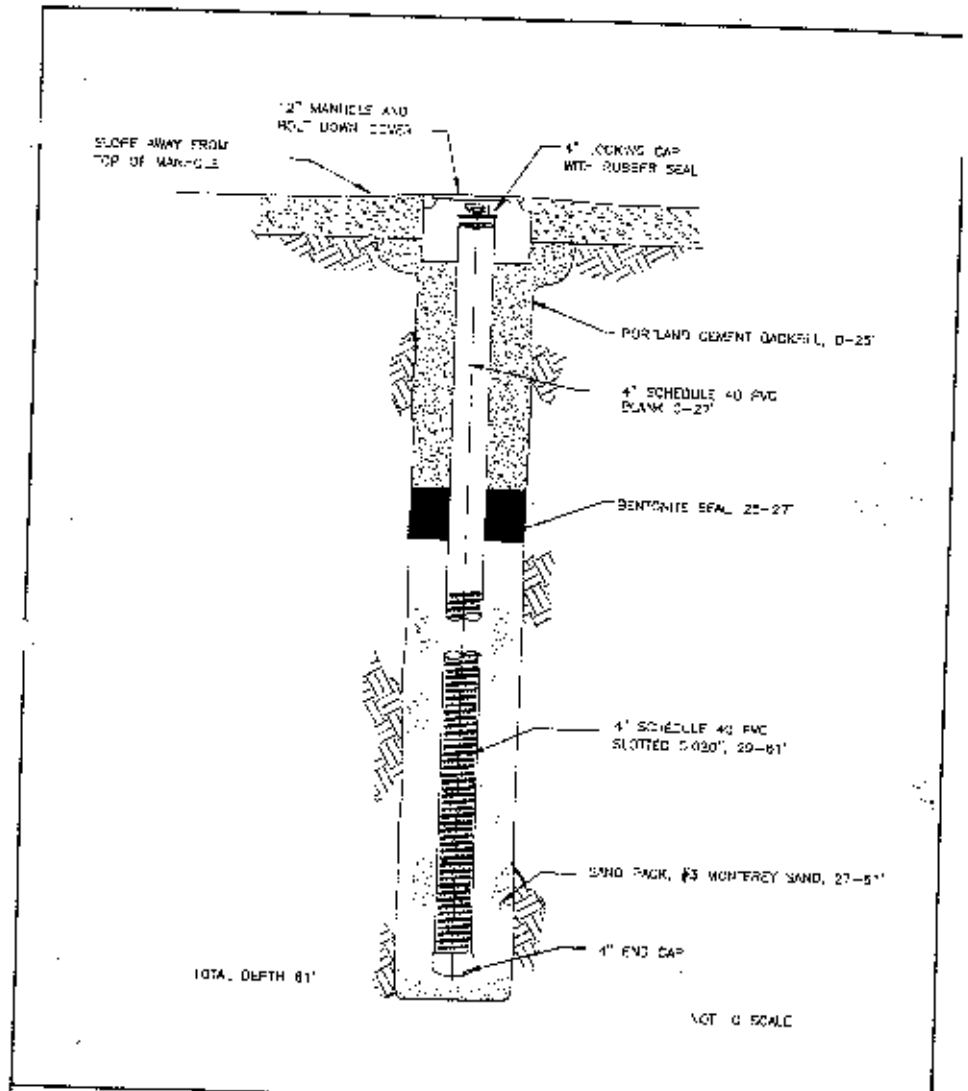
PROJECT NAME: AMERIPRIDE SERVICES, INC. - LOS ANGELES, CA PROJECT NUMBER: 0267.001.pc3 BORING ID: MW-1RB

ELEVATION	DEPTH (FT)	FREQUENCY	BLOW COUNT	PID OR VAPOR READING (ppm)	GRAPHIC LOG	USCS CODE	MATERIAL DESCRIPTION	MONUMENT COMPLETION
285	75			0			MEDIUM SAND: with some gravel to 1/4 inch diameter, saturated, NO ODOR	
280	80					GP	lots of water zone @ approx. 80'	
275	85			0		ML	SANDY GRAVEL: diameter to 1 inch, saturated	
							SILT: with some fine sand, slurry in hopper	
	90							
265	100						Total depth 96 feet bgs	
255	110							

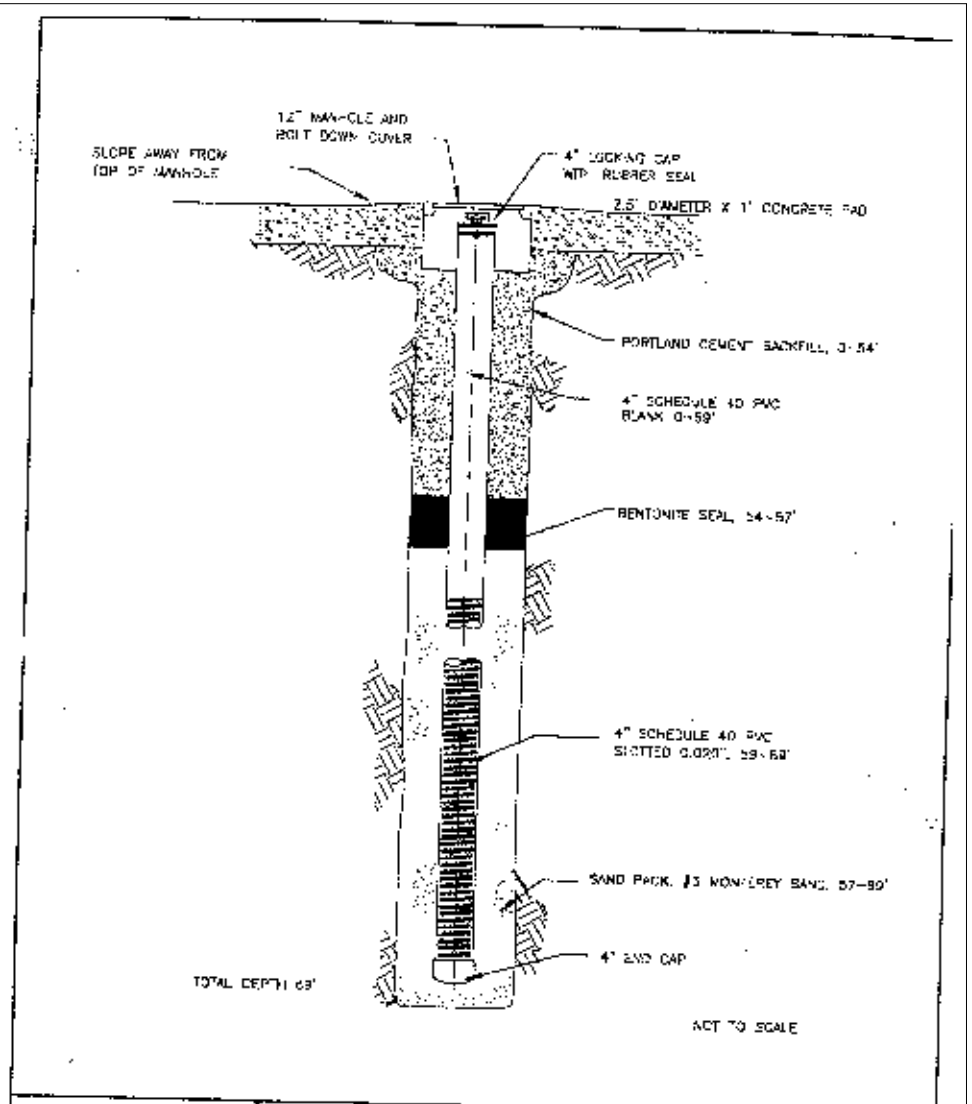
PAGE 3 OF 3



CBT Environmental Services, Inc.	WELL DIAGRAM MW-RA	FIGURE
DRAWING: CWS-WELL.DWG	FORMER AMERIPRIDE	X
PROJECT NO.: 2467	LOS ANGELES, CALIFORNIA	



CET Environmental Services, Inc.	WELL DIAGRAM MW-13A	FIGURE
DRAWING: SW-WELL.DWG	FORMER AMERIPRIDE LOS ANGELES, CALIFORNIA	x
PROJECT NO. 2497		



CET Environmental Services, Inc.	WELL DIAGRAM MW-13B	FIGURE
DRAWING: SW-WELL.DWG	FORMER AMERIPRIDE LOS ANGELES, CALIFORNIA	x
PROJECT NO. 2497		

CAPE ENVIRONMENTAL MANAGEMENT

2525 McGAW AVENUE
IRVINE, CA 92614
PHONE: (949) 474-3090
FAX: (949) 474-3091

PROJECT NAME: AMERIPRIDE SERVICES, INC. - LOS ANGELES, CA

PROJECT NUMBER: [illegible] BORING ID: MW-14

LOGGED BY: CHECKED BY: P. Bates

LOCATION: North side of AVE 33, West of railroad tracks.

ELEVATION: WATER LEVEL: 41' bgs

X COORDINATE: Y COORDINATE:

DATE START: 09-05-12 DATE FINISHED: 09-05-12

DEPTH: 55.00 ft BOREHOLE DIA.: 10

DRILLING EQUIPMENT: Geoprobe Drilling

SAMPLING METHOD: CA Modified Bale Sample

NOTES: 8x4.4" sch 40 PVC: blank 2-35' bgs, slotted 35-55' bgs, backfilled with: #8 monterey sand 33-55' bgs, bentonite chips 29-33' bgs, cement grout 2-29' bgs, bentonite chips 1-2' bgs, matte box 0-1' bgs

ELEVATION (FT)	DEPTH (FT)	RECOVERY	BLOW COUNTS	FID/PID HEADSPACE (ppm)	GRAPHIC LOG	USCS CODE	MATERIAL DESCRIPTION	BOREHOLE COMPLETION
						SW	Hand-augered the first 5' bgs	
	5			0		SW	GRAVELLY SAND: olive (5Y 5/3), moist, very dense, medium to coarse grained sand, trace cobbles. NO HYDROCARBON ODOR	
	10			0		SW	SAME AS ABOVE, NO HYDROCARBON ODOR	
	15			0		SW	SAME AS ABOVE, NO HYDROCARBON ODOR	
	20			0		SW	GRAVELLY SAND: olive (5Y 5/3), moist, very dense, fine to coarse grained sand, trace cobbles, NO HYDROCARBON ODOR	
	25			0		SW	SAME AS ABOVE, NO HYDROCARBON ODOR	

PROJECT NAME: AMERIPRIDE SERVICES, INC. - LOS ANGELES, CA PROJECT NUMBER: [illegible] BORING ID: MW-14

ELEVATION (FT)	DEPTH (FT)	RECOVERY	BLOW COUNTS	FID/PID HEADSPACE (ppm)	GRAPHIC LOG	USCS CODE	MATERIAL DESCRIPTION	BOREHOLE COMPLETION
	35			0		SW	SAME AS ABOVE, NO HYDROCARBON ODOR	
	40			0		SW	GRAVELLY SAND: olive (5Y 5/3) wet, very dense, medium to coarse grained sand, fine to coarse grained gravel, trace cobble, NO HYDROCARBON ODOR	
	45			0		SW	SAME AS ABOVE, NO HYDROCARBON ODOR	
	50			0		SW	COBBLY SAND: olive (5Y 5/3), wet, very dense, fine to coarse grained sand some gravel NO HYDROCARBON ODOR	
	55			0		SW	GRAVELLY SAND: grayish brown (2.5Y 5/2), wet, medium to coarse grained sand, trace cobbles, NO HYDROCARBON ODOR TD= 55.5 bgs	
	60							
	65							
	70							

CAPE ENVIRONMENTAL MANAGEMENT
2923 McGAW AVENUE
IRVINE, CA 92614
PHONE: (949) 474-3990
FAX: (949) 474-3991

PROJECT NAME: AMERIPRIDE SERVICES, INC. - LOS ANGELES, CA
PROJECT NUMBER: 02487.004.002 | BORING ID: MW-15
LOGGED BY:
CHECKED BY: K. Sorek
LOCATION: Northwest corner in the street of Lacy and Ave. 33
ELEVATION:
WATER LEVEL: 40'
X COORDINATE:
Y COORDINATE:
DATE START: 03-04-09
DATE FINISHED: 03-04-09
DEPTH: 56.00 ft
BOREHOLE(s): 16
DRILLING EQUIPMENT: Cascade Drilling
NOTES: Set 4" sch 40 PVC: blank 0-18' bgs, slotted 18-56' bgs, backfilled with #3 monterey sand 18-55' bgs, bentonite chip 15-23' bgs, bentonite concrete 2-15' bgs, bentonite chips 1-2' bgs, traffic box 0-1' bgs
SAMPLING METHOD: CA modified split spoon

ELEVATION (ft)	DEPTH (ft)	RECOVERY	BLOW COUNT	VAPOR READING (ppm)	USCS CODE	MATERIAL DESCRIPTION	BOREHOLE COMPLETION
						Hand-augered the first 5' bgs. Encountered a pipeline at ~ 3.5' bgs. Second attempt encountered a metal pipeline at 3.5' bgs. Third hole there were no underground utilities.	
	5			ND	SW	Gravelly Sand: grayish brown (2.5Y 5/2), moist, very dense, medium to coarse grained sand, trace cobble, NO HYDROCARBON ODOR	
	10			ND	SW	SAME AS ABOVE, NO HYDROCARBON ODOR	
	15			ND	SW	SAME AS ABOVE, NO HYDROCARBON ODOR	
	20			ND	SW	NO RECOVERY, COBBLY SAND: grayish brown, moist, very dense, medium to coarse grained sand, medium gravel. NO HYDROCARBON ODOR	
	25			ND	SW	SAME AS ABOVE, NO HYDROCARBON ODOR	

PROJECT NAME: AMERIPRIDE SERVICES, INC. - LOS ANGELES, CA | PROJECT NUMBER: 02487.004.002 | BORING ID: MW-15

ELEVATION (ft)	DEPTH (ft)	RECOVERY	BLOW COUNT	VAPOR READING (ppm)	USCS CODE	MATERIAL DESCRIPTION	BOREHOLE COMPLETION
				ND	SW	SAME AS ABOVE, NO HYDROCARBON ODOR	
	35			ND	SW	SAME AS ABOVE, NO HYDROCARBON ODOR	
	40			ND	SW	GRAVELLY SAND: grayish brown (2.5Y 5/2), wet, fine to coarse grained sand, trace cobbles, NO HYDROCARBON ODOR	
	45			ND	SW	SAME AS ABOVE, NO HYDROCARBON ODOR	
	50			ND	SW	SAME AS ABOVE, NO HYDROCARBON ODOR	
	55			ND	SW	GRAVELLY SAND: grayish brown (2.5Y 5/2), wet, medium to coarse grained sand, clay at bottom (stuck to hammer), NO HYDROCARBON ODOR TD= 56.5' bgs	
	60						
	65						
	70						

APPENDIX D
EDR DATABASE REPORT & OFFSITE RECEPTOR REPORT

The EDR Radius Map
with GeoCheck®

Ameripride Services Inc.
3505 Pasadena Avenue
Los Angeles, CA 90031

Inquiry Number: 01519350.2r

September 27, 2005

EDR® Environmental Data Resources Inc

The Standard in Environmental Risk Management Information

440 Wheelers Farms Road
Milford, Connecticut 06460

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

TABLE OF CONTENTS

SECTION	PAGE
Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	6
EDR Proprietary Historical Map Findings	60
Orphan Summary	61
Government Records Searched/Data Currency Tracking	GR-1

GEOCHECK ADDENDUM

Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting Source Map	A-7
Physical Setting Source Map Findings	A-8
Physical Setting Source Records Searched	A-10

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright © 2005 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc. (EDR). The report meets the government records search requirements of ASTM Standard Practice for Environmental Site Assessments, E 1527-00. Search distances are per ASTM standard or custom distances requested by the user.

TARGET PROPERTY INFORMATION

ADDRESS

3505 PASADENA AVENUE
LOS ANGELES, CA 90031

COORDINATES

Latitude (North):	34.085800 - 34° 5' 8.9"
Longitude (West):	118.213100 - 118° 12' 47.2"
Universal Transverse Mercator:	Zone 11
UTM X (Meters):	368079.9
UTM Y (Meters):	3772138.8
Elevation:	366 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property:	34118-A2 LOS ANGELES, CA
Source:	USGS 7.5 min quad index

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following government records. For more information on this property see page 6 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
WELCH S OVERALL CLEANING CO INC 3505 PASADENA AVENUE LOS ANGELES, CA 90031	RCRA-SQG FINDS LUST Cortese SLIC CA FID UST HIST UST SWEEPS UST	CAD075308740
WELCH'S OVERALL CLEANING CO INC 3505 PASADENA AVE LOS ANGELES, CA 90031	HAZNET	N/A
WELCH UNIFORM 3505 PASADENA LOS ANGELES, CA 90031	SLIC	N/A

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable") government records either on the target property or within the ASTM E 1527-00 search radius around the target property for the following databases:

FEDERAL ASTM STANDARD

Proposed NPL — Proposed National Priority List Sites
CERC-NFRAP — CERCLIS No Further Remedial Action Planned
CORRACTS — Corrective Action Report
RCRA-TSDF — Resource Conservation and Recovery Act Information
RCRA-LQG — Resource Conservation and Recovery Act Information
ERNS — Emergency Response Notification System

STATE ASTM STANDARD

CHMIRS — California Hazardous Material Incident Report System
Toxic Pits — Toxic Pits Cleanup Act Sites
SWF/LF — Solid Waste Information System
CA BOND EXP. PLAN — Bond Expenditure Plan
INDIAN UST — Underground Storage Tanks on Indian Land
INDIAN LUST — Leaking Underground Storage Tanks on Indian Land

FEDERAL ASTM SUPPLEMENTAL

CONSENT — Superfund (CERCLA) Consent Decrees
ROD — Records Of Decision
Delisted NPL — National Priority List Deletions
HMIRS — Hazardous Materials Information Reporting System
MLTS — Material Licensing Tracking System
MINES — Mines Master Index File
NPL Liens — Federal Superfund Liens
PADS — PCB Activity Database System
UMTRA — Uranium Mill Tailings Sites
US ENG CONTROLS — Engineering Controls Sites List
ODI — Open Dump Inventory
FUDS — Formerly Used Defense Sites
DOD — Department of Defense Sites
INDIAN RESERV — Indian Reservations
RAATS — RCRA Administrative Action Tracking System
TRIS — Toxic Chemical Release Inventory System
TSCA — Toxic Substances Control Act
SSTS — Section 7 Tracking Systems
FTTS INSP — FIFRA/TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

STATE OR LOCAL ASTM SUPPLEMENTAL

AST — Aboveground Petroleum Storage Tank Facilities
CLEANERS — Cleaner Facilities
CA WDS — Waste Discharge System

NFE — Properties Needing Further Evaluation
WIP — Well Investigation Program Case List
EMI — Emissions Inventory Data
REF — Unconfirmed Properties Referred to Another Agency
NFA — No Further Action Determination
LOS ANGELES CO. HMS — HMS: Street Number List
LA Co. Site Mitigation — Site Mitigation List
ACCONCERN — San Gabriel Valley Areas of Concern

BROWNFIELDS DATABASES

US BROWNFIELDS — A Listing of Brownfields Sites
US INST CONTROL — Sites with Institutional Controls

EDR PROPRIETARY HISTORICAL DATABASES

See the EDR Proprietary Historical Database Section for details

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in *bold italics* are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

FEDERAL ASTM STANDARD

NPL: Also known as Superfund, the National Priority List database is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund program. The source of this database is the U.S. EPA.

A review of the NPL list, as provided by EDR, and dated 07/01/2005 has revealed that there is 1 NPL site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
SAN FERNANDO VALLEY (AREA 4)	*POLLOCK WELL RELD*	*1/2 - 1 W*	*0*	*15*

CERCLIS: The Comprehensive Environmental Response, Compensation and Liability Information System contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA).
CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites

which are in the screening and assessment phase for possible inclusion on the NPL.

A review of the CERCLIS list, as provided by EDR, and dated 05/27/2005 has revealed that there are 2 CERCLIS sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Dist / Dir	Map ID	Page
KENNINGTON LTD.	3209 HUMBOLDT ST.	1/4 - 1/2 SW	18	38
NIWEST INCORPORATED	3011 HUMBOLDT STREET	1/4 - 1/2 SSW	21	53

RCRAInfo: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS). The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator off site to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

A review of the RCRA-SQG list, as provided by EDR, and dated 05/20/2005 has revealed that there are 5 RCRA-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
LA USD HILLSIDE EL	120 E AVE 35	0 - 1/8 SE	4	19
LOS ANGELES USD LORETO ELEM SC	3408 ARROYO SECO AVE	1/8 - 1/4 WNW	C11	31
CHUY CARBURATOR	3540 N FIGUEROA	1/8 - 1/4 NNW	E15	35

Lower Elevation	Address	Dist / Dir	Map ID	Page
AMERICAN CASTER CORP	141 W AVENUE 34	1/8 - 1/4 WSW	8	27
RUSSING ENGINEERING	211 W AVE 33	1/8 - 1/4 SSW	9	30

STATE ASTM STANDARD

AWP: California DTSC's Annual Workplan, formerly known as BEP, identifies known hazardous substance sites targeted for clean up. The source is the California Environmental Protection Agency.

A review of the AWP list, as provided by EDR, and dated 08/08/2005 has revealed that there is 1 AWP site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
SAN FERNANDO VALLEY (AREA 4)	POLLOCK WELL FIELD	1/2 - 1 W	0	15

CAL-SITES: Formerly known as ASPIS, this database contains both known and potential hazardous substance sites. The source is the California Department of Toxic Substance Control.

A review of the Cal-Sites list, as provided by EDR, has revealed that there is 1 Cal-Sites site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
SAN FERNANDO VALLEY (AREA 4)	POLLOCK WELL FIELD	1/2 - 1 W	0	15

CORTESE: This database identifies public drinking water wells with detectable levels of contamination, hazardous substance sites selected for remedial action, sites with known toxic material identified through the abandoned site assessment program, sites with USTs having a reportable release and all solid waste disposal facilities from which there is known migration. The source is the California Environmental Protection Agency/Office of Emergency Information.

A review of the Cortese list, as provided by EDR, has revealed that there are 4 Cortese sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
FOOD FOR LIFE	3580 PASADENA	1/8 - 1/4 NNE	E7	24

Lower Elevation	Address	Dist / Dir	Map ID	Page
KENNINGTON LTD.	3209 HUMBOLDT ST.	1/4 - 1/2 SW	18	38
UNGER FABRIK	3225 LACY ST	1/4 - 1/2 WSW	19	48
LINCOLN HEIGHTS SERVICE D	3101 ARTESIAN	1/4 - 1/2 SW	22	54

NOTIFY 65: Notify 65 records contain facility notifications about any release that could impact drinking water and thereby expose the public to a potential health risk. The data come from the State Water Resources Control Board's Proposition 65 database.

A review of the Notify 65 list, as provided by EDR, has revealed that there is 1 Notify 65 site within approximately 1 mile of the target property.

Lower Elevation	Address	Dist / Dir	Map ID	Page
28TH AND DELL AVENUES	VENICE	1/2 - 1 W	25	59

WMUDS/SWAT: The Waste Management Unit Database System is used for program tracking and inventory of waste management units. The source is the State Water Resources Control Board.

A review of the WMUDS/SWAT list, as provided by EDR, has revealed that there is 1 WMUDS/SWAT site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Dist / Dir	Map ID	Page
LACY STREET DUMP-LOS ANGELES	400 26TH AVENUE	1/4 - 1/2 WSW	24	58

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the State Water Resources Control Board Leaking Underground Storage Tank Information System.

A review of the LUST list, as provided by EDR, and dated 07/11/2005 has revealed that there are 4 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
FOOD FOR LIFE	*3580 PASADENA*	*1/8 - 1/4 NNE*	*E7*	*24*
BILL'S AUTOMOTIVE #1	*100 E AVENUE 28*	*1/4 - 1/2 SSW*	*23*	*54*
Lower Elevation	**Address**	**Dist / Dir**	**Map ID**	**Page**
UNGER FABRIK	*3225 LACY ST*	*1/4 - 1/2 WSW*	*19*	*45*
LINCOLN HEIGHTS SERVICE DPW	3101 ARTESIAN ST	1/4 - 1/2 SW	20	51

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the UST list, as provided by EDR, and dated 07/11/2005 has revealed that there is 1 UST site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Dist / Dir	Map ID	Page
945 LARKIN STREET	945 LARKIN ST	0 - 1/8 NNE	5	20

VCP: Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have requested that DTSC oversee investigation and/or clean up activities and have agreed to provide coverage for DTSC's costs.

A review of the VCP list, as provided by EDR, and dated 08/08/2005 has revealed that there is 1 VCP site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Dist / Dir	Map ID	Page
KENNINGTON LTD.	*3209 HUMBOLDT ST.*	*1/4 - 1/2 SW*	*18*	*38*

CA FID: The Facility Inventory Database contains active and inactive underground storage tank locations. The source is the State Water Resource Control Board.

A review of the CA FID UST list, as provided by EDR, has revealed that there are 4 CA FID UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
FLAVORFOODS INC.	*3580 PASADENA AVE*	*1/8 - 1/4 NNE*	*E8*	*23*
MIKE'S TRANSMISSION	*3500 N FIGUEROA ST*	*1/8 - 1/4 NNW*	*D14*	*34*
ILEASCO	*3577 N FIGUEROA ST*	*1/8 - 1/4 NNW*	*E18*	*38*
Lower Elevation	**Address**	**Dist / Dir**	**Map ID**	**Page**
G/G AIR CONDITIONING INC	*311 W AVENUE 33*	*1/8 - 1/4 SW*	*10*	*31*

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 3 HIST UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
FOOD FOR LIFE	*3580 PASADENA*	*1/8 - 1/4 NNE*	*E7*	*24*
MIKE'S TRANSMISSION	3500 N FIGUEROA ST	1/8 - 1/4 NNW	D13	33
ILEASCO	3577 N FIGUEROA ST	1/8 - 1/4 NNW	E17	37

SWEEPS: Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contracted by the SWRCB in the early 1980's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 4 SWEEPS UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
FLAVORFOODS INC.	*3580 PASADENA AVE*	*1/8 - 1/4 NNE*	*E8*	*23*
MIKE'S TRANSMISSION	*3500 N FIGUEROA ST*	*1/8 - 1/4 NNW*	*D14*	*34*
ILEASCO	*3577 N FIGUEROA ST*	*1/8 - 1/4 NNW*	*E18*	*38*
Lower Elevation	**Address**	**Dist / Dir**	**Map ID**	**Page**
G/G AIR CONDITIONING INC	*311 W AVENUE 33*	*1/8 - 1/4 SW*	*10*	*31*

STATE OR LOCAL ASTM SUPPLEMENTAL

DEED: The use of recorded land use restrictions is one of the methods the DTSC uses to protect the public from unsafe exposures to hazardous substances and wastes.

A review of the DEED list, as provided by EDR, and dated 08/02/2005 has revealed that there is 1 DEED site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Dist / Dir	Map ID	Page
KENNINGTON LTD.	*3209 HUMBOLDT ST.*	*1/4 - 1/2 SW*	*18*	*38*

SCH: This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous material contamination. In some cases, these properties may be listed in the CalSites category, depending on the level of threat to public health and safety or the environment they pose.

A review of the SCH list, as provided by EDR, and dated 05/04/2005 has revealed that there is 1 SCH site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
LAUSD/LORETO ST ELEM	*3408 ARROYO SECO AVE*	*1/8 - 1/4 WNW*	*C12*	*32*

EXECUTIVE SUMMARY

BROWNFIELDS DATABASES

VCP: Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have requested that DTSC oversee investigation and/or clean up activities and have agreed to provide coverage for DTSC's costs.

A review of the VCP list, as provided by EDR, and dated 08/08/2005 has revealed that there is 1 VCP site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Dir / Dir	Map ID	Page
KENNINGTON LTD.	*3209 HUMBOLDT ST.*	*1/4 - 1/2 SW*	*18*	*38*

EDR PROPRIETARY HISTORICAL DATABASES

See the EDR Proprietary Historical Database Section for details

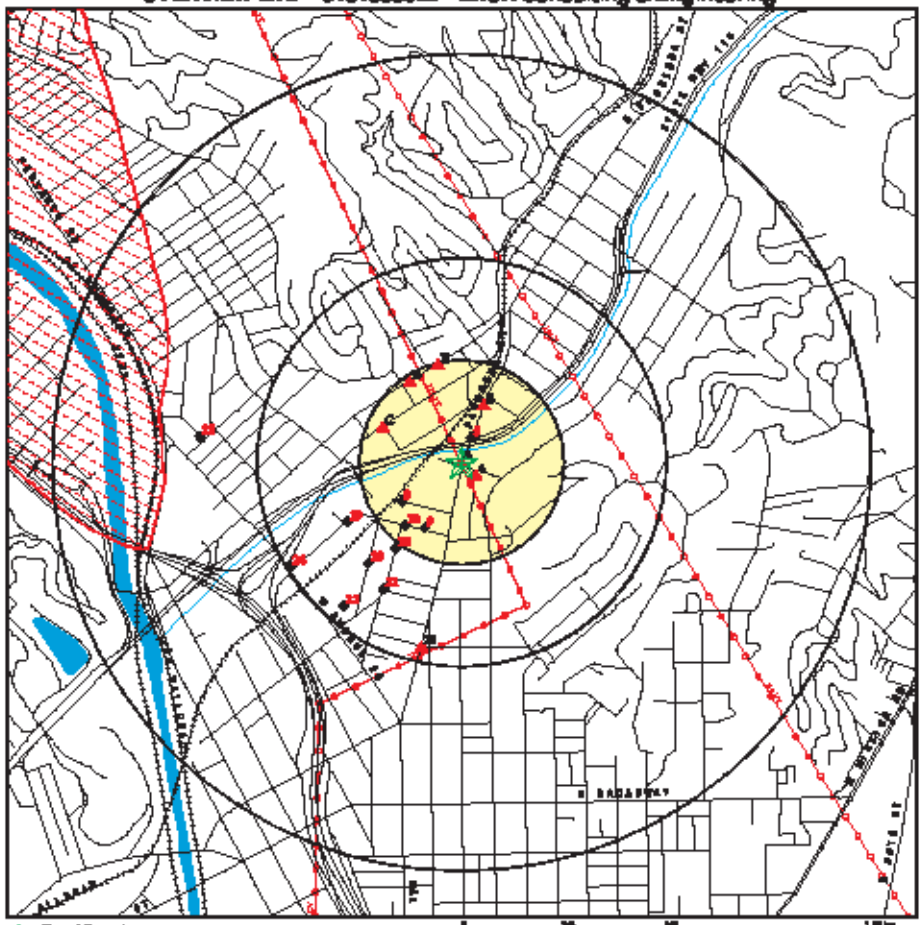
EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

Site Name	Database(s)
NORTHROP CORP AIRCRAFT DIV	RCRA-SQG, FINDS, RCRA-TSDF, CORRACTS, CERC-NFRAP
COMMERCIAL INDUSTRIAL	CA FID UST, SWEEPS UST
HUNG'S AUTO REPAIR	CA FID UST, SWEEPS UST
BRENT NEIMAN PROPERTIES /C	CA FID UST, SWEEPS UST
CITY FORD COMPANY, INCORPORATE	CA FID UST, SWEEPS UST
BARON MFG	CERC-NFRAP
THOUSAND OAKS COUNTY 1962	SWF/LF
76 STATION #0857	LUST
CITY FORD COMPANY, INC	HIST UST
SLOVONIAN PICNIC AREA	WMUDS/SWAT
CITY OF L A GENERAL SERVICES	FINDS
LA CITY, DEPT OF GEN SERVICES	FINDS, EMI
CROWN COACH SITE	US BROWNFIELDS
BLUE LINE - AVE 26 STATION	SLIC
THE E.B. MALONE CORP.	SLIC
THE E.B. MALONE CORPORATION	SLIC
NORCAL WST SERVICES INC	CA WDS
BARON MANUFACTURING	REF
METRO RAIL PASADENA BLUE LINE	REF
LA CITY, DEPT OF GEN SERVICES	EMI
FEDERATED CORPORATED SERVICES	EMI
LA CITY, DEPT OF GEN SERVICES	EMI

FC0151956.2s EXECUTIVE SUMMARY 8

OVERVIEW MAP - 01519360.2r - ENSR Consulting & Engineering

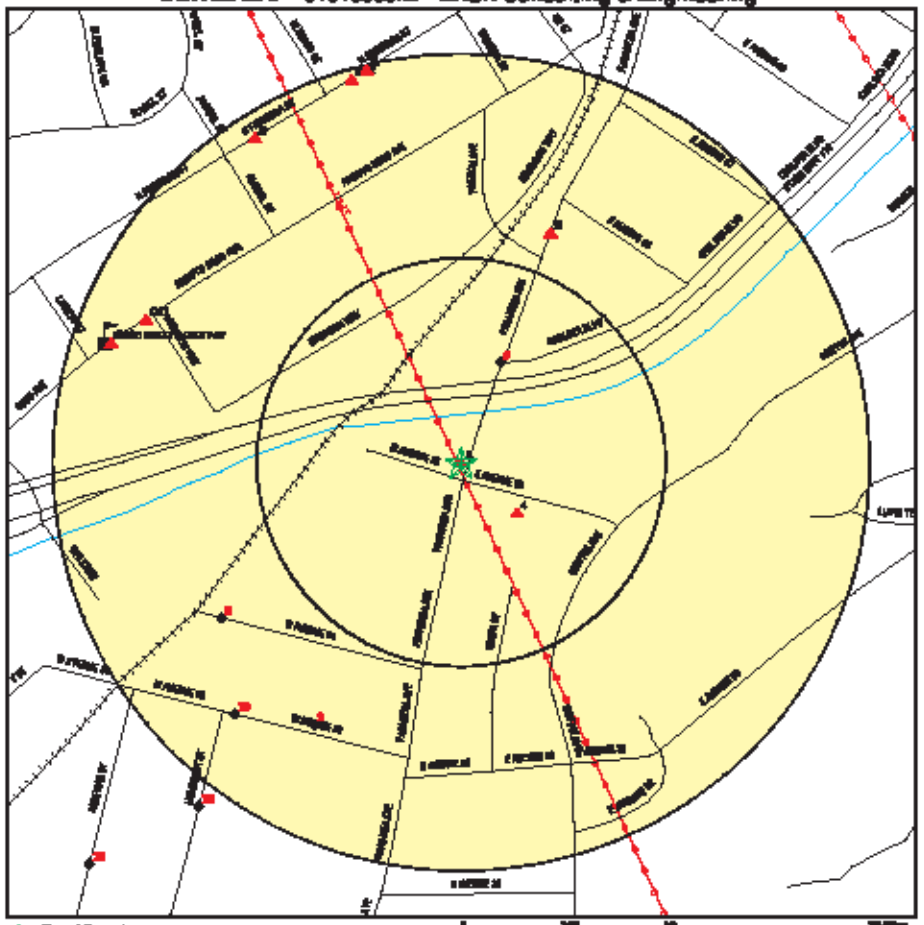


- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Coal Gasification Sites
- National Priority List Sites
- Landfill Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- Areas of Concern

TARGET PROPERTY:	Ameripride Services Inc.	CUSTOMER:	ENSR Consulting & Engineering
ADDRESS:	3505 Pasadena Avenue	CONTACT:	Will Glenn
CITY/STATE/ZIP:	Los Angeles CA 90031	INQUIRY #:	01519360.2r
LAT/LONG:	34.0858 / 118.2131	DATE:	September 27, 2005 7:47 am

Copyright © 1994-2005, Inc. or its affiliates. All rights reserved.

DETAIL MAP - 01519360.2r - ENSR Consulting & Engineering



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Coal Gasification Sites
- Historical Gas Stations/ Historical Dry Cleaners See the EDR Proprietary Historical Map Findings
- Sensitive Receptors
- National Priority List Sites
- Landfill Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- Areas of Concern

TARGET PROPERTY:	Ameripride Services Inc.	CUSTOMER:	ENSR Consulting & Engineering
ADDRESS:	3505 Pasadena Avenue	CONTACT:	Will Glenn
CITY/STATE/ZIP:	Los Angeles CA 90031	INQUIRY #:	01519360.2r
LAT/LONG:	34.0858 / 118.2131	DATE:	September 27, 2005 7:48 am

Copyright © 1994-2005, Inc. or its affiliates. All rights reserved.

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FEDERAL ASTM STANDARD								
NPL		1.000	0	0	0	1	NR	1
Proposed NPL		1.000	0	0	0	0	NR	0
CERCLIS		0.500	0	0	2	NR	NR	2
CERC-NFRAP		0.250	0	0	NR	NR	NR	0
CORRACTS		1.000	0	0	0	0	NR	0
RCRA TSD		0.500	0	0	0	NR	NR	0
RCRA Lg. Quan. Gen.		0.250	0	0	NR	NR	NR	0
RCRA Sm. Quan. Gen.	X	0.250	1	4	NR	NR	NR	5
ERNS		TP	NR	NR	NR	NR	NR	0
STATE ASTM STANDARD								
AWP		1.000	0	0	0	1	NR	1
Cal-Sites		1.000	0	0	0	1	NR	1
CHMIRS		TP	NR	NR	NR	NR	NR	0
Cortese	X	0.500	0	1	3	NR	NR	4
Notify 65		1.000	0	0	0	1	NR	1
Toxic Pits		1.000	0	0	0	0	NR	0
State Landfill		0.500	0	0	0	NR	NR	0
WMUDS/SWAT		0.500	0	0	1	NR	NR	1
LUST	X	0.500	0	1	3	NR	NR	4
CA Bond Exp. Plan		1.000	0	0	0	0	NR	0
UST		0.250	1	0	NR	NR	NR	1
VCP		0.500	0	0	1	NR	NR	1
INDIAN UST		0.250	0	0	NR	NR	NR	0
INDIAN LUST		0.500	0	0	0	NR	NR	0
CA FID UST	X	0.250	0	4	NR	NR	NR	4
HIST UST	X	0.250	0	3	NR	NR	NR	3
SWEEPS UST	X	0.250	0	4	NR	NR	NR	4
FEDERAL ASTM SUPPLEMENTAL								
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
FINDS	X	TP	NR	NR	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
NPL Liens		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
ODI		0.500	0	0	0	NR	NR	0
FUDS		1.000	0	0	0	0	NR	0
DOD		1.000	0	0	0	0	NR	0
INDIAN RESERV		1.000	0	0	0	0	NR	0

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
RAATS		TP	NR	NR	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
STATE OR LOCAL ASTM SUPPLEMENTAL								
AST		TP	NR	NR	NR	NR	NR	0
CLEANERS		0.250	0	0	NR	NR	NR	0
CA WDS		TP	NR	NR	NR	NR	NR	0
DEED		0.500	0	0	1	NR	NR	1
NFE		0.250	0	0	NR	NR	NR	0
SCH		0.250	0	1	NR	NR	NR	1
WIP		0.250	0	0	NR	NR	NR	0
EMI		TP	NR	NR	NR	NR	NR	0
REF		0.250	0	0	NR	NR	NR	0
NFA		0.250	0	0	NR	NR	NR	0
SLIC	X	0.500	0	0	0	NR	NR	0
HAZNET	X	TP	NR	NR	NR	NR	NR	0
Los Angeles Co. HMS		TP	NR	NR	NR	NR	NR	0
LA Co. Site Mitigation		TP	NR	NR	NR	NR	NR	0
ADOCONCERN		1.000	0	0	0	0	NR	0
EDR PROPRIETARY HISTORICAL DATABASES								
Gas Stations/Dry Cleaners		0.250	0	0	NR	NR	NR	0
Coal Gas		1.000	0	0	0	0	NR	0
BROWNFIELDS DATABASES								
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
VCP		0.500	0	0	1	NR	NR	1

NOTES:

See the EDR Proprietary Historical Database Section for details

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1	WELCH B OVERALL CLEANING CO INC	RCRA-SQG	1000188742
Target	3606 PASADENA AVENUE	FINDS	CAD076308740
Property	LOS ANGELES, CA 90031	LUST	
		Cortese	
	Site 1 of 3 in cluster A	SLIC	
Actual:		CA RD LIST	
288 ft		HIST LIST	
		SWEEPS LIST	

RCRAInfo:
Owner: AMERICAN LINEN SUPPLY COMPANY
(415) 555-1212
EPA ID: CAD076308740

Contact: ENVIRONMENTAL MANAGER
(612) 371-4229

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM

State LUST:
Cross Street: PASADENA FREEWAY
Qty Leaked: Not reported
Case Number 900310034
Reg Board: Los Angeles Region
Chemical: Hydrocarbons
Lead Agency: Regional Board
Local Agency : 19050
Case Type: Other ground water affected
Status: Post remediation monitoring
Abate Method: Remove Free Product- remove floating product from water table
Review Date: Not reported — Confirm Leak: Not reported
Workplan: Not reported — Prelim Assess: Not reported
Pollution Char: Not reported — Remed Plan: Not reported
Remed Action: 1990-06-01 00:00:00
Monitoring: 1996-08-01 00:00:00
Close Date: Not reported
Release Date: 1987-12-22 00:00:00
Cleanup Fund Id : Not reported
Discover Date : Not reported
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 1988-03-07 00:00:00
Funding: Not reported
Staff Initials: PEJ
How Discovered: Subsurface Monitoring
How Stopped: Not reported
Interim : Yes
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: 1C
Local Case # : Not reported

WELCH B OVERALL CLEANING CO INC (Continued) 1000188742

Beneficial: Not reported
Staff: SLC
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifer : Not reported
Hydr Basin #: SAN FERNANDO VALLEY
Operator : Not reported
Oversight Prgm : Spills, Leaks, Investigations and Cleanup LUST
Review Date : 1998-08-01 00:00:00
Stop Date : Not reported
Work Suspended :Not reported
Responsible Party:AMERIPRIDE SERVICE INC.
RP Address : 47 S. NINTH ST., MINNEAPOLIS, MN 55402
Global Id : T0603700735
Org Name : Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: 0
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID : Not reported
Waste Discharge Assigned Name : Not reported
Summary : 9/13/88- SUBMITTAL OF QTRLY GW SAMPL. RPT & SOIL REMEDIATION

LUST Region 4:
Report Date: 12/22/1987
Lead Agency: Regional Board
Local Agency: 19050
Substance: Hydrocarbons
Case Type: Groundwater
Status: Post remediation monitoring
Region: 4
Staff SLC
Date Case Last Changed on Database: 9/1/1988
Date Leak Record Entered: 3/7/1988
Historical Max MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifer: Not reported
Hist Max MTBE Conc in Groundwater: Not reported
Hist Max MTBE Conc in Soil : Not reported
County: Los Angeles
Organization : Not reported
Regional Board: 04
Owner Contact: Not reported
Responsible Party: AMERIPRIDE SERVICE INC.
RP Address : 47 S. NINTH ST., MINNEAPOLIS, MN 55402
Significant Interim Remedial Action Taken: Yes
Program : SLC
Lat / Long : 34.0358522 / -1
Local Agency Staff: PEJ
Beneficial Use : Not reported
Priority : 1C
Cleanup Fund Id : Not reported
Suspended : Not reported
Local Case No : Not reported
Substance Quantity : Not reported
Abatement Method Used at the Site: Remove Free Product

WELCH B OVERALL CLEANING CO INC (Continued) 1000169742

Operator : Not reported
Water System : Not reported
Well Name : Not reported
Approx. Dist To Production Well (ft) : 7571.231056496761200826219473 1
Assigned Name : Not reported
WI Global ID : Not reported
Source of Cleanup Funding: Not reported
Date the Leak was Discovered: Not reported
How the Leak was Discovered: Subsurface Monitoring
How the Leak was Stopped: Not reported
Cause of Leak: Not reported
Leak Source: Not reported
Date The Leak was Stopped: Not reported
Date Confirmation Leak Began: Not reported
Preliminary Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: 7/12/1988
Remediation Plan Submitted: Not reported
Remedial Action Underway: 6/1/1990
Post Remedial Action Monitoring Began: 8/1/1988
Date the Case was Closed: Not reported
Enforcement Action Date: Not reported
Date Leak First Reported: 12/22/1987
Enforcement Type: Not reported
Global ID : T0603700735
Cross Street: PASADENA FREEWAY
Summary : 8/13/98 - SUBMITTAL OF QTR GW/SVE/MPL. RPTS & SOIL REMEDIATION

CORTESE:
Region: CORTESE
Fac Address 2: Not reported

FID:
Facility ID: 19001529 Regulate ID: 00000008
Reg By: Inactive Underground Storage Tank Location
Cortese Code: Not reported SIC Code: Not reported
Status: Inactive Facility Tel: (213) 225-6171
Mail To: Not reported
3605 PASADENA AVE
LOS ANGELES, CA 90031
Contact: Not reported Contact Tel: Not reported
DUNs No: Not reported NPDES No: Not reported
Creation: 10/22/93 Modified: 00/00/00
EPA ID: Not reported
Comments: Not reported

CASTATESUC :
Global Id : SL2044P1998
Region : STATE
Assigned Name : SLICSITE
Lead Agency Contact : DAVID YOUNG
Lead Agency : LOS ANGELES R/WQCB (REGION 4)
Lead Agency Case Number : 833
Responsible Party : AmeriPride Services Inc.
Recent Dlw : Not reported
Facility Status : Not reported
Substance Released : PET, VOC

UST HIST:

WELCH B OVERALL CLEANING CO INC (Continued) 1000169742

Facility ID: 8008 Owner Name: WELCH'S OVERALL CLEANING CO.,
Total Tanks: 10 Region: STATE
Owner Address: 3605 PASADENA AVE.
LOS ANGELES, CA 90031
Tank Used for: PRODUCT
Tank Num: 1 Container Num: 1
Tank Capacity: 00002000 Year Installed: Not reported
Type of Fuel: DIESEL Tank Construction: Not Reported
Leak Detection: Stock Inventor
Contact Name: JACK ENGLISH Telephone: (213) 225-6171
Facility Type: Other Other Type: Not reported

Facility ID: 8008 Owner Name: WELCH'S OVERALL CLEANING CO.,
Total Tanks: 10 Region: STATE
Owner Address: 3605 PASADENA AVE.
LOS ANGELES, CA 90031
Tank Used for: PRODUCT
Tank Num: 2 Container Num: 2
Tank Capacity: 00010000 Year Installed: Not reported
Type of Fuel: REGULAR Tank Construction: Not Reported
Leak Detection: Stock Inventor
Contact Name: JACK ENGLISH Telephone: (213) 225-6171
Facility Type: Other Other Type: Not reported

Facility ID: 8008 Owner Name: WELCH'S OVERALL CLEANING CO.,
Total Tanks: 10 Region: STATE
Owner Address: 3605 PASADENA AVE.
LOS ANGELES, CA 90031
Tank Used for: PRODUCT
Tank Num: 3 Container Num: 3
Tank Capacity: 00004000 Year Installed: Not reported
Type of Fuel: DIESEL Tank Construction: Not Reported
Leak Detection: None
Contact Name: JACK ENGLISH Telephone: (213) 225-6171
Facility Type: Other Other Type: Not reported

Facility ID: 8008 Owner Name: WELCH'S OVERALL CLEANING CO.,
Total Tanks: 10 Region: STATE
Owner Address: 3605 PASADENA AVE.
LOS ANGELES, CA 90031
Tank Used for: PRODUCT
Tank Num: 4 Container Num: 4
Tank Capacity: 00001000 Year Installed: Not reported
Type of Fuel: DIESEL Tank Construction: Not Reported
Leak Detection: Stock Inventor
Contact Name: JACK ENGLISH Telephone: (213) 225-6171
Facility Type: Other Other Type: Not reported

Facility ID: 8008 Owner Name: WELCH'S OVERALL CLEANING CO.,
Total Tanks: 10 Region: STATE
Owner Address: 3605 PASADENA AVE.
LOS ANGELES, CA 90031
Tank Used for: WASTE
Tank Num: 5 Container Num: 5
Tank Capacity: 00001700 Year Installed: Not reported
Type of Fuel: WASTE OIL Tank Construction: 6 Inches
Leak Detection: Visual

WELCH S OVERALL CLEANING CO INC (Continued) 1000188742

Contact Name: JACK ENGLISH Telephone: (213) 225-6171
Facility Type: Other Other Type: Not reported

Facility ID: 8008 Owner Name: WELCH'S OVERALL CLEANING CO.,
Total Tanks: 10 Region: STATE
Owner Address: 3905 PASADENA AVE.
LOS ANGELES,CA 90031
Tank Used for: WASTE
Tank Num: 6 Container Num: 6
Tank Capacity: 00000200 Year Installed: Not reported
Type of Fuel: WASTE OIL Tank Construction: 6 Inches
Leak Detection: Visual
Contact Name: JACK ENGLISH Telephone: (213) 225-6171
Facility Type: Other Other Type: Not reported

Facility ID: 8008 Owner Name: WELCH'S OVERALL CLEANING CO.,
Total Tanks: 10 Region: STATE
Owner Address: 3905 PASADENA AVE.
LOS ANGELES,CA 90031
Tank Used for: WASTE
Tank Num: 7 Container Num: 7
Tank Capacity: 00000550 Year Installed: Not reported
Type of Fuel: Not reported Tank Construction: 6 Inches
Leak Detection: Visual
Contact Name: JACK ENGLISH Telephone: (213) 225-6171
Facility Type: Other Other Type: Not reported

Facility ID: 8008 Owner Name: WELCH'S OVERALL CLEANING CO.,
Total Tanks: 10 Region: STATE
Owner Address: 3905 PASADENA AVE.
LOS ANGELES,CA 90031
Tank Used for: WASTE
Tank Num: 8 Container Num: 8
Tank Capacity: 00001800 Year Installed: Not reported
Type of Fuel: Not reported Tank Construction: 6 Inches
Leak Detection: None
Contact Name: JACK ENGLISH Telephone: (213) 225-6171
Facility Type: Other Other Type: Not reported

Facility ID: 8008 Owner Name: WELCH'S OVERALL CLEANING CO.,
Total Tanks: 10 Region: STATE
Owner Address: 3905 PASADENA AVE.
LOS ANGELES,CA 90031
Tank Used for: WASTE
Tank Num: 9 Container Num: 9
Tank Capacity: 00000300 Year Installed: Not reported
Type of Fuel: WASTE OIL Tank Construction: 6 Inches
Leak Detection: Visual
Contact Name: JACK ENGLISH Telephone: (213) 225-6171
Facility Type: Other Other Type: Not reported

Facility ID: 8008 Owner Name: WELCH'S OVERALL CLEANING CO.,
Total Tanks: 10 Region: STATE
Owner Address: 3905 PASADENA AVE.
LOS ANGELES,CA 90031
Tank Used for: PRO DUCT
Tank Num: 10 Container Num: 10

WELCH S OVERALL CLEANING CO INC (Continued) 1000188742

Tank Capacity: 00007200 Year Installed: Not reported
Type of Fuel: Not reported Tank Construction: 6 Inches
Leak Detection: Visual
Contact Name: JACK ENGLISH Telephone: (213) 225-6171
Facility Type: Other Other Type: Not reported

SWEEPS:
Status: Not reported
Comp Number: 509
Number: Not reported
Board Of Equalization: ++D11491
Ref Date: Not reported
Act Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 19-000-000509-000001
Actu Date: Not reported
Capacity: 2000
Tank Use: M.V. FUEL
Stg: PRO DUCT
Content: DIESEL
Number Of Tanks: 10

Status: Not reported
Comp Number: 509
Number: Not reported
Board Of Equalization: ++D11491
Ref Date: Not reported
Act Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 19-000-000509-000002
Actu Date: Not reported
Capacity: 10000
Tank Use: M.V. FUEL
Stg: PRO DUCT
Content: RED UNLEADED
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 509
Number: Not reported
Board Of Equalization: ++D11491
Ref Date: Not reported
Act Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 19-000-000509-000003
Actu Date: Not reported
Capacity: 6000
Tank Use: M.V. FUEL
Stg: PRO DUCT
Content: DIESEL
Number Of Tanks: Not reported

WELCH B OVERALL CLEANING CO INC (Continued) 1000188742

Status : Not reported
Comp Number : 939
Number : Not reported
Board Of Equalization : ++D11491
Ref Date : Not reported
Act Date : Not reported
Created Date : Not reported
Tank Status : Not reported
Owner Tank Id : Not reported
Swrcb Tank Id : 19-000-000939-000004
Actu Date : Not reported
Capacity : 1000
Tank Use : M.V. FUEL
Stg : PRODUCT
Content : DIESEL
Number Of Tanks : Not reported

Status : Not reported
Comp Number : 939
Number : Not reported
Board Of Equalization : ++D11491
Ref Date : Not reported
Act Date : Not reported
Created Date : Not reported
Tank Status : Not reported
Owner Tank Id : Not reported
Swrcb Tank Id : 19-000-000939-000005
Actu Date : Not reported
Capacity : 1700
Tank Use : OIL
Stg : WASTE
Content : WASTE OIL
Number Of Tanks : Not reported

Status : Not reported
Comp Number : 939
Number : Not reported
Board Of Equalization : ++D11491
Ref Date : Not reported
Act Date : Not reported
Created Date : Not reported
Tank Status : Not reported
Owner Tank Id : Not reported
Swrcb Tank Id : 19-000-000939-000006
Actu Date : Not reported
Capacity : 3300
Tank Use : OIL
Stg : WASTE
Content : WASTE OIL
Number Of Tanks : Not reported

Status : Not reported
Comp Number : 939
Number : Not reported
Board Of Equalization : ++D11491
Ref Date : Not reported

WELCH B OVERALL CLEANING CO INC (Continued) 1000188742

Act Date : Not reported
Created Date : Not reported
Tank Status : Not reported
Owner Tank Id : Not reported
Swrcb Tank Id : 19-000-000939-000007
Actu Date : Not reported
Capacity : 3960
Tank Use : CHEMICAL
Stg : PRODUCT
Content : UNKNOWN
Number Of Tanks : Not reported

Status : Not reported
Comp Number : 939
Number : Not reported
Board Of Equalization : ++D11491
Ref Date : Not reported
Act Date : Not reported
Created Date : Not reported
Tank Status : Not reported
Owner Tank Id : Not reported
Swrcb Tank Id : 19-000-000939-000008
Actu Date : Not reported
Capacity : 1300
Tank Use : CHEMICAL
Stg : PRODUCT
Content : UNKNOWN
Number Of Tanks : Not reported

Status : Not reported
Comp Number : 939
Number : Not reported
Board Of Equalization : ++D11491
Ref Date : Not reported
Act Date : Not reported
Created Date : Not reported
Tank Status : Not reported
Owner Tank Id : Not reported
Swrcb Tank Id : 19-000-000939-000009
Actu Date : Not reported
Capacity : 300
Tank Use : OIL
Stg : WASTE
Content : WASTE OIL
Number Of Tanks : Not reported

Status : Not reported
Comp Number : 939
Number : Not reported
Board Of Equalization : ++D11491
Ref Date : Not reported
Act Date : Not reported
Created Date : Not reported
Tank Status : Not reported
Owner Tank Id : Not reported
Swrcb Tank Id : 19-000-000939-000010
Actu Date : Not reported

Map ID / Direction / Distance / Distance (ft) / Elevation / Site — Database(s) — EDR ID Number / EPA ID Number

WELCH'S OVERALL CLEANING CO INC (Continued) — 1000188742

Capacity: 7200
Tank Use: CHEMICAL
Stg: PRODUCT
Content: UNKNOWN
Number Of Tanks: Not reported

A2 Target Property — WELCH'S OVERALL CLEANING CO INC — HAZNET — S100843180
3606 PASADENA AVE — N/A
LOS ANGELES, CA 90031

Actual: 388 ft

Site 2 of 13 in cluster A

HAZNET:

Gepaid: CAD075309740
TSD EPA ID: CAD028409019
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 100080
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Treatment, Tank
Contact: AMERICAN LINEN SUPPLY COMPANY
Telephone: (000) 000-0000
Mailing Address: 3605 PASADENA AVE
LOS ANGELES, CA 90031
County: Los Angeles

Gepaid: CAD075309740
TSD EPA ID: CAT080013352
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 18765
Waste Category: Unspecified aqueous solution
Disposal Method: Recycler
Contact: AMERICAN LINEN SUPPLY COMPANY
Telephone: (000) 000-0000
Mailing Address: 3605 PASADENA AVE
LOS ANGELES, CA 90031
County: Los Angeles

Gepaid: CAD075309740
TSD EPA ID: WAD009477175
Gen County: Los Angeles
Tsd County: 99
Tons: 56256
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Recycler
Contact: AMERICAN LINEN SUPPLY COMPANY
Telephone: (000) 000-0000
Mailing Address: 3605 PASADENA AVE
LOS ANGELES, CA 90031
County: Los Angeles

Map ID / Direction / Distance / Distance (ft) / Elevation / Site — Database(s) — EDR ID Number / EPA ID Number

WELCH'S OVERALL CLEANING CO INC (Continued) — S100843180

Gepaid: CAD075309740
TSD EPA ID: WAD009477175
Gen County: Los Angeles
Tsd County: 99
Tons: 10500
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Not reported
Contact: AMERICAN LINEN SUPPLY COMPANY
Telephone: (000) 000-0000
Mailing Address: 3605 PASADENA AVE
LOS ANGELES, CA 90031
County: Los Angeles

Gepaid: CAD075309740
TSD EPA ID: Not reported
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 735
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Treatment, Tank
Contact: UNDELIVERABLES3 FEE FORM
Telephone: -
Mailing Address: 3605 PASADENA AVE
LOS ANGELES, CA 90031
County: Not reported

Click this hyperlink while viewing on your computer to access
3 additional CA HAZNET record(s) in the EDR Site Report.

A3 Target Property — WELCH UNIFORM — SLIC — S106118668
3606 PASADENA — N/A
LOS ANGELES, CA 90031

Actual: 388 ft

Site 3 of 13 in cluster A

SLIC Region 4:

Facility Status: Site Assessment
Region: 4
SLIC: 0833
Start: 0Y
Substance: VOCs

NPL Region — SAN FERNANDO VALLEY (AREA 4) — Cal-Sites — 1000710126
Verdugo — POLLOCK WELL FIELD — CERCLIS — CAD983984878
1/2-1 — LOS ANGELES, CA 90038 — FINDS
3336 ft. — NPL
Corrosion
AWP

CERCLIS Classification Data:

Federal Facility: Not a Federal Facility
Non NPL Status: Not reported
NPL Status: Currently on the Final NPL
Contact: Elizabeth Adams — Contact Tel: (415) 972-3183
Contact Title: Not reported
Contact: Jere Johnson — Contact Tel: (415) 972-3094
Contact Title: Not reported

BAN FERNANDO VALLEY (AREA 4) (Continued) 1000710186

Contact: Frederick Schreuffer Contact Tel: (415) 972-3174
Contact Title: Not reported
Site Description: SAN FERNANDO #4 IS AN AREA OF CONTAMINATED WATER IN POLLOCK WELLFIELD AREA IN LOS ANGELES, CA. PART OF SAN FERNANDO VLY BASIN, A NATURAL UNDGRD RESERVOIR THAT IS SOURCE OF DRKWTR FOR 3 MILGRD WTR CONTAMINATED WITH TCE & PCE.

CERCLIS Assessment History:

Assessment:	DISCOVERY	Completed:	12/01/1983
Assessment:	HRS PACKAGE	Completed:	04/01/1984
Assessment:	PRELIMINARY ASSESSMENT	Completed:	04/01/1984
Assessment:	SITE INSPECTION	Completed:	04/01/1984
Assessment:	PROPOSAL TO NPL	Completed:	10/15/1984
Assessment:	NPL RP SEARCH	Completed:	09/15/1985
Assessment:	FINAL LISTING ON NPL	Completed:	09/10/1986
Assessment:	REMOVAL ASSESSMENT	Completed:	09/17/1991
Assessment:	RI/FS HEALTH ASSESSMENT	Completed:	12/15/1992
Assessment:	ECOLOGICAL RISK ASSESSMENT	Completed:	12/15/1992
Assessment:	NPL RP SEARCH	Completed:	09/30/1993
Assessment:	READY-FOR-REUSE EVALUATION CHECKLIST	Completed:	03/24/2004

CERCLIS Site Status:
Not reported
CERCLIS Alias Name(s):
SAN FERNANDO VLY BASIN - POLLOCK AREA
SAN FERNANDO VALLEY (AREA 4)

NPL:
EPA ID: CAD983894876
Region: 09
Federal: General
Final Date: 09/10/1986

NPL SUMMARY:
Summary: Conditions at proposal October 15, 1984): San Fernando Valley (Area 4) is an area of contaminated ground water in the Pollock Well Field area in the City of Los Angeles, Los Angeles County, California. The area is part of the San Fernando Valley
Basin, a natural underground reservoir that represents an important source of drinking water for at least 3 million people in the Los Angeles metropolitan area. The contaminated ground water, which underlies an area of approximately 5,280 acres, co
ntains perchloroethylene (PCE), according to tests conducted by the California Department of Health Services, as well as numerous local government agencies. The State s recommended drinking water guideline for PCE (4 parts per billion) is exceeded
in a number of public wells in this area. To alleviate this contamination, wells are either taken out of service or blended with water from clean sources to ensure that the public receives water with concentrations below the State s guideline Statu
s June 10, 1986): EPA and the Los Angeles Department of Water and Power are entering into a cooperative agreement for a remedial investigation of the San Fernando Valley Basin and a feasibility study targeted at Area 1, the most contaminated area.
The R/I is scheduled to begin in early 1986.

NPL Contaminant:
NPL Status: Final
Substance Id: U078
Case Num: 75-35-4
Substance: DICHLOROETHENE, 1,1-

BAN FERNANDO VALLEY (AREA 4) (Continued) 1000710186

Pathway: The Ground water migration route, or pathway.
GW Scoring: Observed Release & Toxicity
SW Scoring: Not reported
Air Scoring: Not reported
Soil Scoring: Not reported
DC Scoring: Not reported
FE Scoring: Not reported

NPL Status: Final
Substance Id: U210
Case Num: 79-34-5
Substance: TETRACHLOROETHENE
Pathway: The Ground water migration route, or pathway.
GW Scoring: Observed Release
SW Scoring: Not reported
Air Scoring: Not reported
Soil Scoring: Not reported
DC Scoring: Not reported
FE Scoring: Not reported

NPL Status: Final
Substance Id: U228
Case Num: 79-01-6
Substance: TRICHLOROETHYLENE (TCE)
Pathway: The Ground water migration route, or pathway.
GW Scoring: Observed Release
SW Scoring: Not reported
Air Scoring: Not reported
Soil Scoring: Not reported
DC Scoring: Not reported
FE Scoring: Not reported

NPL Site:
CERCLIS Id: CAD983894876
Site City: Los Angeles
Site State: CA
NPL Status: Final
Status Date: 09/10/86
Federal Site: Not reported
HRS Score: 35.57
GW Score: 61.54
SW Score: 0.00
Air Score: 0.00
Soil Score: 0.00
DC Score: 0.00
FE Score: 0.00

NPL Char:
NPL Status: Final
Category Description: DEPTH TO AQUIFER
Category Value: 1

NPL Status: Final
Category Description: DISTANCE TO THE NEAREST POPULATION
Category Value: 10

NPL Status: Final
Category Description: OBSERVED RELEASE Ground Water
Category Value: Not reported

BAN FERNANDO VALLEY (AREA 4) (Continued) 1000710186

NPL Status: Final
Category Description: OTHER GROUND WATER USE-Industrial Process Cooling
Category Value: Not reported

NPL Status: Final
Category Description: OTHER GROUND WATER USE-Irrigation
Category Value: Not reported

NPL Status: Final
Category Description: PHYSICAL STATE-Liquid
Category Value: Not reported

NPL Status: Final
Category Description: SITE ACTIVITY/WASTE SOURCE-Ground Water Plume
Category Value: Not reported

NPL Status: Final
Category Description: SITE ACTIVITY/WASTE SOURCE-Unknown
Category Value: Not reported

NPL Status: Final
Category Description: SURFACE WATER ADJACENT TO SITE-Drain Ditch
Category Value: Not reported

NPL Status: Final
Category Description: SURFACE WATER ADJACENT TO SITE-River
Category Value: Not reported

NPL SITE STATUS:
NPL Status: Final
Proposed Date: 10/15/1984
Final Date: 08/10/1986
Deleted Date: Not reported

FINDS:
Other Pertinent Environmental Activity Identified at Site:
COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION AND INFORMATION SYSTEM

CAL-SITES:
Facility ID: 19960009
Status: AWP - ANNUAL WORKPLAN (AWP) - ACTIVE SITE
Status Date: 01/01/1984
Lead: EPA
Region: 3 - GLENDALE
Branch: SA - SO CAL - GLENDALE
File Name: Not reported
Status Name: ANNUAL WORKPLAN - ACTIVE SITE
Lead Agency: ENVIRONMENTAL PROTECTION AGENCY Not reported
NPL: Listed
SIC: 59 NONCLASSIFIABLE ESTABLISHMENTS
Facility Type: NPJF
Type Name: NPL SITE, JOINT STATE/FEDERAL-FUNDED
Staff Member Responsible for Site: TYARGEAU
Supervisor Responsible for Site: Not reported
Region Water Control Board: LA - LOS ANGELES
Access: Not reported
Contest: Not reported
Hazardous Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Confirmed
No. of Contamination Sources: 1

BAN FERNANDO VALLEY (AREA 4) (Continued) 1000710186

Lat/Long: Not reported
Lat/Long Method: Not reported
State Assembly District Code: 43
State Senate District: 21

Click this hyperlink while viewing on your computer to access additional CAL-SITES detail in the EDR Site Report.

AWP Facility ID: 19960009
Facility Type: NPL site, joint state/federal-funded
Site Access Controlled: Not reported
Region Code: 3
Region: GLENDALE
SMBR Branch Unit: SO CAL - GLENDALE
SMBR Branch Code: SA
Site Name.: Not reported
Current Status Date: 19/84/0101
Current Status: ANNUAL WORKPLAN - ACTIVE SITE
Lead Agency Code: EPA
Lead Agency: ENVIRONMENTAL PROTECTION AGENCY
NPL: L
Tier Of AWP Site: Not reported
Source Of Funding: Not reported
Responsible Staff Member: TYARGEAU
Supervisor Responsible: Not reported
Facility SIC: NONCLASSIFIABLE ESTABLISHMENTS
SIC Code: 59
RWQCB Associated With Site: LOS ANGELES
RWQCB Code: LA
Site Listed HWB List: Not reported
Hazard Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Confirmed
Of Contamination Sources: 1
Lat/Long Method: Not reported
Description Of Entity: Not reported
State Assembly Distl Code: 43
State Senate District: 21
Lat/Long: [illegible]

CORTESE:
Region: CORTESE
Fac Address 2: Not reported

---

4 LA UBD HILLSIDE EL RCRA-SQG 1000427804
SE 120 EAVES 36 FINDS CAD982824801
< 1/8 LOS ANGELES, CA 90031
244 ft

Relative:
Higher

Actual:
333 ft

LA USD HILLSIDE EL (Continued) 1000427804

RCRAInfo:
Owner: LA USD
(415) 555-1212
EPA ID: CAD982624801

Contact: ENVIRONMENTAL MANAGER
(213) 742-7371

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
HAZARDOUS WASTE TRACKING SYSTEM-DATAMART
RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM

---

6 B46 LARKIN STREET UST U003278697
NNE B46 LARKIN ST N/A
< 1/8 LOS ANGELES, CA 90031
348 ft

Relative: Lower

State UST:
Facility ID: Z3534
Total Tanks: 1
Actual: 384 ft Region: STATE
Local Agency: Los Angeles, Los Angeles County

UST San Francisco County:
Facility ID: Z3534 Case Number: Not reported
Tank ID: Not reported Owner Name: Not reported
Receive Date: Not reported Close Date: 1/5/2000
Region: SAN FRANCISCO
Facility Status: Not reported
Certified Date: 3/6/2000
Mailing Address: 1550 Wallace
Care Of Address: Not reported Number Of Tanks: Not reported
Local Tank Id: Not reported Tank Manufacturer Not reported
Compartmentalized Tank: Not reported
Date Tank Installed: Not reported
Tank Capacity: Not reported
Of Tank Compartments: Not reported
Of Tanks: 1
Additional Desc: Not reported Tank Use: Not reported
Petroleum Type: Not reported Common Name: Not reported
Type Of Tank: Not reported
Tank Material - Primary Tank: Not reported
Tank Material - Secondary Tank: Not reported
Tank Interior Lining/Coating: Not reported
Tank Int Lining Install Dt: Not reported
Other Tank Corrosive Protection: Not reported
Date Tank Corrosive Protection Install: Not reported
Type Of Spill Protection:
Spill Containment: Not reported
Drop Tube: Not reported
Striker Plate: Not reported
Year Overfill Protection Equipment Installed:
Alarm: Not reported
Ball Float: Not reported

B46 LARKIN STREET (Continued) U003278697

Fill Tube Shut: Not reported
Exempt: Not reported
Tank Leak Detection (Single Wall):
Visual (Exposed Portion): Not reported
Automatic Tank Gauging: Not reported
Continuous Alg: Not reported
Statistical Inventy Reconciliation & Biennial Tank Test: Not reported
Manual Tank Gauging: Not reported
Vadose Zone Tank Leak Detection: Not reported
Groundwater: Not reported
Tank Testing: Not reported
Other Detection: Not reported
Tank Leak Detection (Double Wall):
Visual (Single Wall In Vault Only): Not reported
Continuous Interstitial Monitoring: Not reported
Manual Monitoring: Not reported
Other Leak Detection: Not reported
Estimated Date Last Used: Not reported
Estimated Qty Of Substance Remaining: Not reported
Tank Filled With Inert Material: Not reported
Piping System Type (Underground):
Pressure: Not reported
Suction: Not reported
Gravity: Not reported
Piping System Type (Aboveground):
Pressure: Not reported
Suction: Not reported
Gravity: Not reported
Piping Construction (Underground):
Single Wall: Not reported
Double Wall: Not reported
Lined Trench: Not reported
Unknown: Not reported
Other: Not reported
Piping Manufacturer (Underground): Not reported
Piping Construction (Aboveground):
Single Wall: Not reported
Double Wall: Not reported
Unknown: Not reported
Other: Not reported
Piping Manufacturer (Aboveground): Not reported
Piping Mat. And Corrosion Protection (Underground):
Bare Steel: Not reported
Stainless Steel: Not reported
Plastic Compatible With Contents: Not reported
Fiberglass: Not reported
Steel With Coating: Not reported
FRP Compatible With 100% Methanol: Not reported
Galvanized Steel: Not reported
Flexible (HDPE- High Density Polyethylene): Not reported
Cathodic Protection: Not reported
Unknown: Not reported
Other: Not reported
Piping Mat. & Corrosion Protect (Aboveground):
Bare Steel: Not reported
Stainless Steel: Not reported
Plastic Compatible With Contents: Not reported

B46 LARKIN STREET (Continued) U003378497

Fiberglass : Not reported
Steel W/Coating : Not reported
Frp Compatible W/100% Methanol : Not reported
Galvanized Steel : Not reported
Flexible (HDPE- High Density Polyethylene) : Not reported
Cathodic Protecn : Not reported
Unknown : Not reported
Other : Not reported
Piping Leak Detection (Underground - Single Wall) :
Electronic Line Leak Detection/ Auto Shutoff/ Alarms : Not reported
Monthly 0.2 Gph Test : Not reported
Annual Integrity Test : Not reported
Daily Visual Monitrng ,Thermi Integrity Test : Not reported
Self Monitoring : Not reported
Biennial Integrity Test : Not reported
Piping Leak Detection (Secondarily Contained) :
Sump Sensor, Alarms ,Auto Shutoff For Leaks : Not reported
Sump Snsr ,Alrm ,Auto Shutoff For Leaks, Failure ,& Disconnect : Not reported
Sump Sensor ,Alarms ,No Auto Shutoff : Not reported
Pressure , Auto Leak Detctr ,Flow Shutoff Or Restrictn Not reported
Annual Integrity Test : Not reported
Suction,Gravity ,Sump Sensor,Alarms : Not reported
Piping Leak Detection (Emergency Generators) :
Sump Sensor W/O Auto Shutoff/Alarms : Not reported
Auto Leak Detector W/O Flow Shutoff Or Restrctn : Not reported
Annual Integrity Test : Not reported
Piping Leak Detecn Abougrnd - Emrgncy Gen - Daily Visual Chk : Not reported
Pipe Integrity Test, Underground : Not reported
Piping Leak Detection (Aboueground - Single Wall) :
Electronic Line Leak Detector /Auto Shutoff /Alarms : Not reported
Monthly 0.2 Gph Test : Not reported
Annual Integrity Test : Not reported
Single Wall, Pressure Daily Visual Check : Not reported
Single Wall, Suction - Daily Visual Monitoring : Not reported
Thermal Integrity Test : Not reported
Self Monitoring : Not reported
Single Wall, Gravity - Daily Visual Monitoring : Not reported
Biennial Integrity Test : Not reported
Piping Leak Detection (Aboueground - Secondarily Contained)
Sump Sensor, Alarms, Auto Shutoff For Leaks : Not reported
Piping Leak Detection (Underground - Secondarily Contained)
Sump Snr ,Alrm , Aub Shutoff For Leaks, Failre & Disconct : Not reported
Sump Sensor, Alarms, No Auto Shutoff : Not reported
Pressure - Auto Leak Detctr, Flow Shutoff/Restrctn : Not reported
Annual Integrity Test : Not reported
Suction/gravity - Sump Sensor , Alarms : Not reported
Piping Leak Detection Underground (Emergency Generators)
Sump Sensor Without Aub Shutoff , Alarms : Not reported
Auto Leak Detector W/o Flow Shutoff Or Restrctn : Not reported
Annual Integrity Test : Not reported
Daily Visual Check : Not reported
Pipe Integrity Test, Aboueground : Not reported
Date Dispenser Containment Installed : Not reported
Dispenser Containment Type : Not reported
Date Certified (Tank Unit) : Not reported
Owner/ Operator Name (Tank Unit) : Not reported
Owner/ Operator Title (Tank Unit) : Not reported

B46 LARKIN STREET (Continued) U003378497

Permit Number : Not reported
Permit Approved By : Not reported
Permit Expiration Date : Not reported
Last Annual Monitoring Certi : Not reported
Secondary Containment Test : Not reported
Spill Containment Present : Not reported
Drop Tube Present : Not reported
Striker Plate Present : Not reported
Alarm Present : Not reported
Ball Float Present : Not reported
Fill Tube Present : Not reported
Other Tank Leak Detection Present : Not reported
UST Close ID : 3337
Application Date : 12/23/1999
Application Name : George Wilson
Applications : LSW Environmental
Applications Addr : Not reported
2ndry Cont Of Address : Not reported

B8 FLAVOR FOODS INC. CA FID UST B10163723
NNE 3630 PASADENA AVE SWEEPS UST N/A
1/8-1/4 LOS ANGELES, CA 90031
797 ft

Site 1 of 2 in cluster B

Relative: Higher

FID:
Facility ID: 19001151 Regulate ID: 0000744
Reg By: Inactive Underground Storage Tank Location
Comese Code: Not reported SIC Code: Not reported
Status: Inactive Facility Tel: (213) 626 2211
Mail To: Not reported
3630 PASADENA AVE
LOS ANGELES, CA 90031
Contact: Not reported Contact Tel: Not reported
DUNs No: Not reported NPDES No: Not reported
Creation: 10/22/93 Modified: 00/00/00
EPA ID: Not reported
Comments: Not reported

Actual: 378 ft

SWEEPS:
Status : Not reported
Comp Number : 859
Number : Not reported
Board Of Equalization : 44-011445
Ref Date : Not reported
Act Date : Not reported
Created Date : Not reported
Tank Status : Not reported
Owner Tank Id : Not reported
Swrcb Tank Id : 19-000-000859-000001
Actv Date : Not reported
Capacity : 5000
Tank Use : M.V. FUEL
Stg : PRODUCT
Content : RED UNLEADED
Number Of Tanks : 3

Status : Not reported
Comp Number : 859

FLAVOR FOOD BINC. (Continued) S101632723

Number : Not reported
Board Of Equalization : ++D11445
Ref Date : Not reported
Act Date : Not reported
Created Date : Not reported
Tank Status : Not reported
Owner Tank Id : Not reported
Swrcb Tank Id : 19-000-000899-000002
Actu Date : Not reported
Capacity : 5000
Tank Use : M.V. FUEL
Stg : PRODUCT
Content : RED UNLEADED
Number Of Tanks : Not reported

Status : Not reported
Comp Number : 899
Number : Not reported
Board Of Equalization : ++D11445
Ref Date : Not reported
Act Date : Not reported
Created Date : Not reported
Tank Status : Not reported
Owner Tank Id : Not reported
Swrcb Tank Id : 19-000-000899-000003
Actu Date : Not reported
Capacity : 5000
Tank Use : M.V. FUEL
Stg : PRODUCT
Content : RED UNLEADED
Number Of Tanks : Not reported

---

87 FOOD FOR LIFE LUST 1000133187
NNE 3630 PASADENA Cortese N/A
1/8-1/4 LOS ANGELES, CA 90031 HIST LUST
787 ft

Site 2 of 2 in cluster B

Relative: Higher

Actual: 873 ft

State LUST:
Cross Street: CARLOTTA
Qty Leaked : Not reported
Case Number 900310289
Reg Board: Los Angeles Region
Chemical: 1
Lead Agency: Local Agency
Local Agency : 19050
Case Type: Soil only
Status: Leak being confirmed
Review Date: 1996-10-28 00:00:00 Confirm Leak: 1996-10-28 00:00:00
Workplan: Not reported Prelim Assess: Not reported
Pollution Char: Not reported Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: Not reported
Release Date: 1996-10-28 00:00:00
Cleanup Fund Id : Not reported
Discover Date : 1996-10-28 00:00:00
Enforcement Dt : Not reported
Enf Type: Not reported

FOOD FOR LIFE (Continued) 1000133187

Enter Date : 1996-12-31 00:00:00
Funding: Not reported
Staff Initials: PEJ
How Discovered: Tank Closure
How Stopped: Not reported
Interim : Not reported
Leak Cause : UNK
Leak Source : UNK
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required Jobe Tested.
Priority: Not reported
Local Case # : Not reported
Beneficial: Not reported
Staff: UNK
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifer : Not reported
Hydr Basin #: SAN FERNANDO VALLEY
Operator : OLD CASE NO WAS 00773
Oversight Prgm: LUST
Review Date : 1997-03-10 00:00:00
Stop Date : 1996-10-28 00:00:00
Work Suspended :Not reported
Responsible Party FOOD FOR LIFE
RP Address : 3630 PASADENA AVE, LOS ANGELES, CA 90031
Global Id : T0607700839
Org Name : Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: 0
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Discharge Assigned Name: Not reported
Summary : Not reported

LUST Region 4:
Report Date : 10/23/1996
Lead Agency: Local Agency
Local Agency: 19050
Substance : 1
Case Type: Soil
Status : Leak being confirmed
Region: 4
Staff UNK
Date Case Last Changed on Database: 9/10/1997
Date Leak Record Entered: 12/31/1996
Historical Max MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifer: Not reported
Hist Max MTBE Concin Groundwater: Not reported
Hist Max MTBE Concin Soil : Not reported
County: Los Angeles
Organization : Not reported
Regional Board: 04
Owner Contact: Not reported

FOOD FOR LIFE (Continued) 1000133187

Responsible Party: FOOD FOR LIFE
RP Address: 3580 PASADENA AVE, LOS ANGELES, CA 90031
Significant Interim Remedial Action Taken: Not reported
Program: LUST
Lat / Long: 34.0877141 / -1
Local Agency Staff: PSI
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Local Case No: Not reported
Substance Quantity: Not reported
Abatement Method Used at the Site: Not reported
Operator: OLD CASE NO WAS 000773
Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): 7315.613147358397.9638.2551165
Assigned Name: Not reported
Wi Global ID: Not reported
Source of Cleanup Funding: Not reported
Date the Leak was Discovered: 10/23/1995
How the Leak was Discovered: Tank Closure
How the Leak was Stopped: Not reported
Cause of Leak: UNK
Leak Source: UNK
Date The Leak was Stopped: 10/23/1995
Date Confirmation Leak Began: 10/23/1995
Preliminary Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Remediation Plan Submitted: Not reported
Remedial Action Underway: Not reported
Post Remedial Action Monitoring Began: Not reported
Date the Case was Closed: Not reported
Enforcement Action Date: Not reported
Date Leak First Reported: 10/23/1995
Enforcement Type: Not reported
Global ID: T0600700305
Cross Street: CARLOTTA
Summary:

CORTESE:
Region: CORTESE
Fac Address 2: Not reported

UST HIST:
Facility ID: 7744
Total Tanks: 3
Owner Address: 3580 PASADENA AVE.
LOS ANGELES,CA 90031
Tank Used for: PRODUCT
Tank Num: 1
Tank Capacity: 00005000
Type of Fuel: UNLEADED
Leak Detection: Stock Inventor
Contact Name: Not reported
Facility Type: Other
Owner Name: FOOD FOR LIFE BAKING CO., INC.
Region: STATE
Container Num: 001
Year Installed: Not reported
Tank Construction: Not Reported
Telephone: (213) 227-1995
Other Type: BAKER

FOOD FOR LIFE (Continued) 1000133187

Facility ID: 7744
Total Tanks: 3
Owner Address: 3580 PASADENA AVE.
LOS ANGELES,CA 90031
Tank Used for: PRODUCT
Tank Num: 2
Tank Capacity: 00005000
Type of Fuel: UNLEADED
Leak Detection: Stock Inventor
Contact Name: Not reported
Facility Type: Other
Owner Name: FOOD FOR LIFE BAKING CO., INC.
Region: STATE
Container Num: 002
Year Installed: Not reported
Tank Construction: Not Reported
Telephone: (213) 227-1995
Other Type: BAKER

Facility ID: 7744
Total Tanks: 3
Owner Address: 3580 PASADENA AVE.
LOS ANGELES,CA 90031
Tank Used for: PRODUCT
Tank Num: 3
Tank Capacity: 00005000
Type of Fuel: UNLEADED
Leak Detection: Stock Inventor
Contact Name: Not reported
Facility Type: Other
Owner Name: FOOD FOR LIFE BAKING CO., INC.
Region: STATE
Container Num: 003
Year Installed: Not reported
Tank Construction: Not Reported
Telephone: (213) 227-1995
Other Type: BAKER

S
WSW
1/8-1/4
821 ft

AMERICAN CABLE CORP
141 W AVENUE 34
LOS ANGELES, CA 90031

RCRA-SQG 1000380763
FINDS CAD982361074
HAZNET
EMI

Relative:
Lower

Actual:
382 ft

RCRAInfo:
Owner: CARL DE LA TORRE
(415) 555-1212
EPA ID: CAD982361074
Contact: ENVIRONMENTAL MANAGER
(213) 227-8377
Classification: Small Quantity Generator
TSD F Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
NATIONAL EMISSIONS INVENTORY
RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM

HAZNET:
Gepaid: CAD982361074
TSD EPA ID: CAD008252405
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .3000
Waste Category: Other organic solids
Disposal Method: Treatment, Incineration
Contact: CARL DE LA TORRE
Telephone: (000) 000-0000
Mailing Address: PO BOX 31370
LOS ANGELES,CA 90031

AMERICAN CABT ER CORP (Continued) 1000380763

County Los Angeles

Gepaid: CAD982351074
TSD EPA ID: CAD008252405
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .2000
Waste Category: Other organic solids
Disposal Method: Recycler
Contact: CARL DELATORRE
Telephone: (000) 000-0000
Mailing Address: PO BOX 31370
LOS ANGELES,CA 90031
County Los Angeles

Gepaid: CAD982351074
TSD EPA ID: CAD008252405
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .2500
Waste Category: Other organic solids
Disposal Method: Recycler
Contact: CARL DELATORRE
Telephone: (000) 000-0000
Mailing Address: PO BOX 31370
LOS ANGELES,CA 90031
County Los Angeles

Gepaid: CAD982351074
TSD EPA ID: CAD089496710
Gen County: Los Angeles
Tsd County: 0
Tons: .0625
Waste Category: Unspecified oil-containing waste
Disposal Method: Transfer Station
Contact: CARL DELATORRE
Telephone: (000) 000-0000
Mailing Address: PO BOX 31370
LOS ANGELES,CA 90031
County Los Angeles

Gepaid: CAD982351074
TSD EPA ID: CAD089496710
Gen County: Los Angeles
Tsd County: 0
Tons: .2000
Waste Category: Hydrocarbon solvents (benzene, hexane, Stoddard, etc)
Disposal Method: Transfer Station
Contact: CARL DELATORRE
Telephone: (000) 000-0000
Mailing Address: PO BOX 31370
LOS ANGELES,CA 90031
County Los Angeles

EMISSIONS:

Year:	1987
Facility ID:	15790
Air District Code:	SC
SIC Code:	3429
Air Basin:	SC

AMERICAN CABT ER CORP (Continued) 1000380763

Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
County Code:	19
County ID:	19
Total Organic Hydrocarbon Gases Tons/Yr:	20
Reactive Organic Gases Tons/Yr:	19
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smaller Tons/Yr:	0

Year:	1988
Facility ID:	15790
Air District Code:	SC
SIC Code:	3429
Air Basin:	SC
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
County Code:	19
County ID:	19
Total Organic Hydrocarbon Gases Tons/Yr:	11
Reactive Organic Gases Tons/Yr:	6
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smaller Tons/Yr:	0

Year:	1989
Facility ID:	15790
Air District Code:	SC
SIC Code:	3429
Air Basin:	SC
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
County Code:	19
County ID:	19
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	2
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smaller Tons/Yr:	0

Year:	1990
Facility ID:	15790
Air District Code:	SC
SIC Code:	3429
Air Basin:	SC
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported

AMERICAN CASTER CORP (Continued) 1000380763

County Code : 19
County ID : 19
Total Organic Hydrocarbon Gases Tons/Yr : 2
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 2
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr : 0
Part. Matter 10Microm eters and Smaller Tons/Yr : 0

Year : 1995
Facility ID : 15750
Air District Code : SC
SIC Code : 3429
Air Basin : SC
Air District Name : SOUTH COAST AQMD
Community Health Air Pollution Info System : Not reported
Consolidated Emission Reporting Rule : Not reported
County Code : 19
County ID : 19
Total Organic Hydrocarbon Gases Tons/Yr : 1
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr : 0
Part. Matter 10Microm eters and Smaller Tons/Yr : 0

B RUBBING ENGINEERING RCRA-SQG 1000332348
SSW 211 W AVENUE 33 FINDS CAD981388162
1/8-1/4 LOS ANGELES, CA 90031
870 ft.

Relative: RCRAInfo:
Lower Owner: CARLA RUSSING
(415) 555-1212
Actual: EPA ID: CAD981388152
382 ft.
Contact: ENVIRONMENTAL MANAGER
(213) 221-3370

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM

10 GAS AIR CONDITIONING INC CA FID UST S101637871
SW 211 W AVENUE 33 SWEEPS UST N/A
1/8-1/4 LOS ANGELES, CA 90031
1092 ft.

Relative: FID:
Lower Facility ID: 19956875 Regulate ID: Not reported
Reg By: Active Underground Storage Tank Location
Actual: Cortese Code: Not reported SIC Code: Not reported
380 ft. Status: Active Facility Tel: (213) 000-0000
Mail To: Not reported
311 W AVENUE 33
LOS ANGELES, CA 90031
Contact: Not reported Contact Tel: Not reported
DUNS No: Not reported NPDES No: Not reported
Creation: 10/22/93 Modified: 00/00/00
EPA ID: Not reported
Comments: Not reported

SWEEPS:
Status : A
Comp Number : 4739
Number : 1
Board Of Equalization : Not reported
Ref Date : 02-25-93
Act Date : 02-25-93
Created Date : 02-25-93
Tank Status : Not reported
Owner Tank Id : Not reported
Swrcb Tank Id : Not reported
Actu Date : Not reported
Capacity : Not reported
Tank Use : Not reported
Stg : Not reported
Content : Not reported
Number Of Tanks : Not reported

C11 LOS ANGELES USD LORETO ELEM SCHOOL RCRA-SQG 1000102128
WNW 3403 ARROYO SECO AVE FINDS CAD982022686
1/8-1/4 LOS ANGELES, CA 90065
1118 ft.

Site 1 of 12 in cluster C

Relative: RCRAInfo:
Higher Owner: LOS ANGELES UNIFIED SCHOOL DISTRICT
(415) 555-1212
Actual: EPA ID: CAD982022686
372 ft.
Contact: ENVIRONMENTAL MANAGER
(213) 742-7371

Classification: Small Quantity Generator
TSDF Activities: Not reported

LOS ANGELES USD LORETO ELEM SCHOOL (Continued) 1000102123

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
HAZARDOUS WASTE TRACKING SYSTEM-DATAMART
RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM

C12 LAUSD LORETO ST ELEM HAZNET S106823637
WNW 3403 ARROYO SECO AVE SCH N/A
1/8-1/4 LOS ANGELES, CA 90065
1183 ft.

Site 2 of 12 in cluster C

Relative: Higher

Actual: 372 ft.

SCH:
Facility ID: 19330057
Dist Region Code: 3
Region Code Definition: GLENDALE
County Code: 19
Site Name Under: LORETO STREET ELEMENTARY SCHOOL ADDITION
Current Status Date: 01012001
Current Status Code: VTERM
Current Status: VOLUNTARY CLEANUP AGREEMENT TERMINATED
Lead Agency Code: DTSC
Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL
Site Type Code: SCHOL
Site Type: SCHOOL SITE PROPERTY
National Priorities List: Not reported
Tier: Not reported
Source Of Funding Code: Not reported
Staff Member: SCHAUBER
Supervisor: Not reported
Sic Code: 82
Sic Code Definition: EDUCATIONAL SERVICES
Site Mitigatn & Brnfds Reuse Prog (SMBR) Code: SE
SMBR Branch: SCHOOL EVALUATION
Regional Water Quality Control Board: Not reported
RWQCB Definition: Not reported
Site Access Controlled: Not reported
Listed In Haz Wst & Subs Incs Sites List (CORTESE): Not reported
Date Hazard Ranked: Not reported
GW Contamination Suspected: Not reported
Of Sources Contributing To Contamination: 0
Lat/Long: 0°0'0" / 0°0'0"
Direction Lat: Not reported
Direction Long: Not reported
Lat/Long Method: Not reported
Entity Lat/Long Coordinates Refer To: Not reported
State Assembly Distl Code: 45
State Senate Distl Code: 22
Identifying Code: CSTAR
ID Value: 304232-11
Other ID Desc: CALSTARS CODE
Alternate Name(s): LOS ANGELES UNIFIED SCHOOL DISTRICT
Alternate Name(s): LORETO STREET ELEMENTARY SCHOOL ADDITION
Address(es): 3403 ARROYO SECO AVENUE
LOS ANGELES, CA 90065
Address(es): 355 S. GRAND AVENUE, 6TH FLOOR
LOS ANGELES, CA 90071

LAUSD LORETO ST ELEM (Continued) S106823637

Background Info: Not reported
Facility Id: Not reported
AIMP Activities Code: Not reported
DTSC Site Activity Code: Not reported
Activity Code Det: Not reported
AIMP Activity Id: Not reported
DI Activity Due For Completion: Not reported
Revised Due Date: Not reported
Date Activity Completed: Not reported
Est # Of Person-years To Complete: Not reported
Est. Size Of An Activity Code: Not reported
Site Status When Activity Commitment Made: Not reported
Status Code Definition: Not reported
Cubic Yards Of Solids Removed At Completion: Not reported
Gallons Of Liquid Removed Upon Completion: Not reported
Cubic Yards Of Solids Treated Upon Completion: Not reported
Activity Deltd Via Commitmt/Complete Screen: Not reported
Special Program Code: Not reported
Special Program: Not reported
Comments Date: 01012001
Comments: The Los Angeles Unified School District dropped this site.
LAUSD MASTER OVERSIGHT AGREEMENT (DOCKET NO. HSA-A 99/00-051)
EXECUTED ON 2/10/00.
Not reported
As part of the Master Oversight Agreement between DTSC and the
Los Angeles Unified School District (LAUSD), DTSC will provide
oversight for a Preliminary Endangerment Assessment (PEA) for
the Loreto Street Elementary School Addition.

HAZNET:
Gepaid: CAD982022535
TSD EPA ID: Not reported
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 0.15
Waste Category: Other inorganic solid waste
Disposal Method: Transfer Station
Contact: YI HWA KIM DEPUTY DIRECTOR
Telephone: (213) 7435095
Mailing Address: 1449 S SAN PEDRO ST
LOS ANGELES, CA 90015 - 3119
County Not reported

D13 MIKE B TRANSMISSION HIST UST U001582488
NNW 3600 N FIGUEROA ST N/A
1/8-1/4 LOS ANGELES, CA 90065
1241 ft.

Site 1 of 12 in cluster D

Relative: Higher

Actual: 333 ft.

UST HIST:
Facility ID: 50846
Total Tanks: 3
Owner Address: 3600 N FIGUEROA ST.
LOS ANGELES, CA 90065
Tank Used for: PRODUCT
Tank Num: 1
Tank Capacity: 0000500
Type of Fuel: UNLEADED
Leak Detection: None
Owner Name: MIKE RIVERA
Region: STATE
Container Num: 1
Year Installed: Not reported
Tank Construction: Not Reported

MIKE B TRANSMISSION (Continued) U001582488

Contact Name: MIKE RIVERA Telephone: (213) 222-9638
Facility Type: Other Other Type: AUTO REPAIR

Facility ID: 50945 Owner Name: MIKE RIVERA
Total Tanks: 3 Region: STATE
Owner Address: 3600 N FIGUEROA ST.
LOS ANGELES,CA 90065
Tank Used for: PRODUCT
Tank Num: 2 Container Num: 2
Tank Capacity: 0000550 Year Installed: Not reported
Type of Fuel: REGULAR Tank Construction: Not Reported
Leak Detection: None
Contact Name: MIKE RIVERA Telephone: (213) 222-9638
Facility Type: Other Other Type: AUTO REPAIR

Facility ID: 50945 Owner Name: MIKE RIVERA
Total Tanks: 3 Region: STATE
Owner Address: 3600 N FIGUEROA ST.
LOS ANGELES,CA 90065
Tank Used for: PRODUCT
Tank Num: 3 Container Num: 3
Tank Capacity: 0000550 Year Installed: Not reported
Type of Fuel: PREMIUM Tank Construction: Not Reported
Leak Detection: None
Contact Name: MIKE RIVERA Telephone: (213) 222-9638
Facility Type: Other Other Type: AUTO REPAIR

D14 MIKE B TRANSMISSION CA RD UST S101617816
NNW 3600 N FIGUEROA ST SWEEPS UST N/A
1/8-1/4 LOS ANGELES, CA 90065
1241 ft.

Site 2 of 12 in cluster D

Relative: Higher

Actual: 333 ft.

FID:
Facility ID: 19011776 Regulate ID: 0005945
Reg By: Inactive Underground Storage Tank Location
Comtese Code: Not reported SIC Code: Not reported
Status: Inactive Facility Tel: (213) 222-9638
Mail To: Not reported
3600 N FIGUEROA ST
LOS ANGELES,CA 90065
Contact: Not reported Contact Tel: Not reported
DUNs No: Not reported NPDES No: Not reported
Creation: 10/22/93 Modified: 00/00/00
EPA ID: Not reported
Comments: Not reported

SWEEPS:
Status: Not reported
Comp Number: 2350
Number: Not reported
Board Of Equalization: ++012594
Ret Date: Not reported
Act Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 19-050-002350-000001
Actu Date: Not reported

MIKE B TRANSMISSION (Continued) S101617816

Capacity: 500
Tank Use: M.V. FUEL
Stg: PRODUCT
Content: RED UNLEADED
Number Of Tanks: 3

Status: Not reported
Comp Number: 2350
Number: Not reported
Board Of Equalization: ++012594
Ret Date: Not reported
Act Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 19-050-002350-000002
Actu Date: Not reported
Capacity: 500
Tank Use: M.V. FUEL
Stg: PRODUCT
Content: RED UNLEADED
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 2350
Number: Not reported
Board Of Equalization: ++012594
Ret Date: Not reported
Act Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 19-050-002350-000003
Actu Date: Not reported
Capacity: 500
Tank Use: M.V. FUEL
Stg: PRODUCT
Content: RED UNLEADED
Number Of Tanks: Not reported

E16 CHUY CARBURATOR RCRA-SQG 1004873232
NNW 3640 N FIGUEROA FINDS CAR000108600
1/8-1/4 LOS ANGELES, CA 90065
1237 ft.

Site 1 of 12 in cluster E

Relative: Higher

Actual: 336 ft.

CHUY CARBURATOR (Continued) 1004873282

RCRAInfo:
Owner: JESUS VAZQUEZ
(323) 224-9488
EPA ID: CAR000109900

Contact: JESUS VAZQUEZ
(323) 224-9488

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
HAZARDOUS WASTE TRACKING SYSTEM-DATAMART
RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM

E18 ILEABCO CA RD UST B10161781 2
NNW 3677 N FIGUEROA ST BWEEPS UST N/A
1/8-1/4 LOS ANGELES, CA 90065
1304 ft.

Site 2 of 3 in cluster E

Relative: Higher

Actual: 338 ft.

FID:
Facility ID: 15016598 Regulate ID: 0000004935
Reg By: Inactive Underground Storage Tank Location
Comtese Code: Not reported SIC Code: Not reported
Status: Inactive Facility Tel: (213) 227-1411
Mail To: Not reported
3677 N FIGUEROA ST
LOS ANGELES, CA 90065
Contact: Not reported Contact Tel: Not reported
DUNs No: Not reported NPDES No: Not reported
Creation: 10/22/93 Modified: 00/00/00
EPA ID: Not reported
Comments: Not reported

SWEEPS:
Status: Not reported
Comp Number: 444
Number: Not reported
Board Of Equalization: Not reported
Ref Date: Not reported
Act Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 19-000-000444-000001
Actu Date: Not reported
Capacity: 4000
Tank Use: M.V. FUEL
Stg: PRODUCT
Content: DIESEL
Number Of Tanks: 3

Status: Not reported
Comp Number: 444
Number: Not reported
Board Of Equalization: Not reported

ILEABCO (Continued) B10161781 2

Ref Date: Not reported
Act Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 19-000-000444-000002
Actu Date: Not reported
Capacity: 8000
Tank Use: M.V. FUEL
Stg: PRODUCT
Content: RED UNLEADED
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 444
Number: Not reported
Board Of Equalization: Not reported
Ref Date: Not reported
Act Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 19-000-000444-000003
Actu Date: Not reported
Capacity: 7500
Tank Use: M.V. FUEL
Stg: PRODUCT
Content: RED UNLEADED
Number Of Tanks: Not reported

E17 ILEABCO HIST UST U001582481
NNW 3677 N FIGUEROA ST N/A
1/8-1/4 LOS ANGELES, CA 90065
1304 ft.

Site 3 of 3 in cluster E

Relative: Higher

Actual: 338 ft.

UST HIST:
Facility ID: 4935 Owner Name: ILEABCO
Total Tanks: 3 Region: STATE
Owner Address: 3677 N. FIGUEROA STREET
LOS ANGELES,CA 90065
Tank Used for: PRODUCT
Tank Num: 1 Container Num: 1
Tank Capacity: 0000 4000 Year Installed: 1979
Type of Fuel: DIESEL Tank Construction: 3/16 gauge
Leak Detection: None
Contact Name: TRICIA SPROUSE Telephone: (213) 227-1411
Facility Type: Other Other Type: VEHICLE LEASING COMP

Facility ID: 4935 Owner Name: ILEABCO
Total Tanks: 3 Region: STATE
Owner Address: 3677 N. FIGUEROA STREET
LOS ANGELES,CA 90065
Tank Used for: PRODUCT
Tank Num: 2 Container Num: 2
Tank Capacity: 0000 8000 Year Installed: 1979
Type of Fuel: UNLEADED Tank Construction: 1/4 gauge
Leak Detection: None
Contact Name: TRICIA SPROUSE Telephone: (213) 227-1411

ILEASCO (Continued) U000182481

Facility Type: Other Other Type: VEHICLE LEASING COMP

Facility ID: 4935 Owner Name: ILEASCO
Total Tanks: 3 Region: STATE
Owner Address: 3577 N. FIGUEROA STREET
LOS ANGELES, CA 90065
Tank Used for: PRODUCT
Tank Num: 3 Container Num: 3
Tank Capacity: 00007500 Year Installed: Not reported
Type of Fuel: UNLEADED Tank Construction: 1/4 gauge
Leak Detection: None
Contact Name: TRICIA SPROUSE Telephone: (213) 227-1411
Facility Type: Other Other Type: VEHICLE LEASING COMP

---

13 KENNINGTON LTD. CERCLIS 1000366846
SW 3209 HUMBOLDT ST. FINDS CAD000113176
1/4-1/2 LOS ANGELES, CA 90031 HAZNET
1288 ft. Cortese
CA FID UST
Relative: DEED
Lower VCP
BWEEPS UST
Actual:
263 ft.

CERCLIS Classification Data:
Federal Facility: Not a Federal Facility
Non NPL Status: SI Start Needed
NPL Status: Not on the NPL
Contact: Betsy Curnow Contact Tel: (415) 972-3093
Contact Title: Not reported
Contact: Jane Johnson Contact Tel: (415) 972-3094
Contact Title: Not reported
Site Description: See Comments
CERCLIS Assessment History:
Assessment: DISCOVERY Completed: 02/14/1984
Assessment: PRELIMINARY ASSESSMENT Completed: 09/03/2001
CERCLIS Site Status:
High

FINDS:
Other Pertinent Environmental Activity Identified at Site:
COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION AND INFORMATION SYSTEM

VCP:
Facility ID 19340739
Dtsc Region Code: 3
Region Code Definition: GLENDALE
County Code: 19
Site Name Under: Not reported
Current Status Date: 04/21/1995
Current Status Code: VCP
Current Status: VOLUNTARY CLEANUP PROGRAM
Lead Agency Code: DTSC
Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL
Site Type Code: VCP
Site Type: VOLUNTARY CLEANUP PROGRAM
National Priorities List: N
Tier: Not reported
Source Of Funding Code: Not reported
Staff Member: AVALUNDI
Supervisor: Not reported

KENNINGTON LTD. (Continued) 1000366846

Sic Code: 34
Sic Code Definition: MANU - FABRICATED METAL PRODUCTS
Site Mitigation & Brnfds Reuse Prog (SMBR) Code: SA
SMBR Branch: SO CAL - GLENDALE
Regional Water Quality Control Board: LA
RWQCB Definition: LOS ANGELES
Site Access Controlled: Not reported
Listed in Haz Wst & Substnc Sites List (CORTESE): Not reported
Date Hazard Ranked: Not reported
GW Contamination Suspected: C
Of Sources Contributing To Contamination: 0
Lat/Long: 0°0'0" / 0°0'0"
Direction Lat: Not reported
Direction Long: Not reported
Lat/Long Method: Not reported
Entity Lat/Long Coordinates Refer To: Not reported
State Assembly Dist Code: 45
State Senate Dist Code: 22
Identifying Code: CSTAR
ID Value: 300654
Other ID Desc: CALSTARS CODE
Identifying Code: CSTAR
ID Value: 300350
Other ID Desc: CALSTARS CODE
Alternate Name(s): ITT CANNON
Alternate Name(s): KENNINGTON
Address(es): 3209 HUMBOLDT STREET
LOS ANGELES, CA 90031
Background Info: The site is a large warehouse-type building with cement flooring and an adjoining parking lot that is also paved.
The PEA initially performed recommended further investigation. PCBs as high as 24,076 ppm; and TPH and TRPH as high as 73,050 ppm were identified. The final Remedial Investigation Report has been reviewed and approved by the Department.
Facility Id: 19340739
AIMP Activities Code: 1
DTSC Site Activity Code: SS
Activity Code Def: SITE SCREENING
AIMP Activity Id: Not reported
DI Activity Due For Completion: Not reported
Revised Due Date: Not reported
Date Activity Completed: 05/14/1990
Est # Of Person-years To Complete: 0
Est. Size Of An Activity Code: Not reported
Site Status When Activity Commitment Made: VCP
Status Code Definition: VOLUNTARY CLEANUP PROGRAM
Cubic Yards Of Solids Removed At Completion: 0
Gallons Of Liquid Removed Upon Completion: 0
Cubic Yards Of Solids Treated Upon Completion: 0
Activity Deleted Via Commitment/Completions Screen: Not reported
Facility Id: 19340739
AIMP Activities Code: 2
DTSC Site Activity Code: PEA
Activity Code Def: PRELIMINARY ENDANGERMENT ASSESSMENT
AIMP Activity Id: FA
DI Activity Due For Completion: Not reported

KENNINGTON LTD. (Continued) 1000366946

Reused Due Date :	Not reported
Date Activity Completed :	10191990
Est # Of Person-years To Complete :	0
Est. Site Of An Activity Code :	Not reported
Site Status When Activity Commitment Made :	VCP
Status Code Definition :	VOLUNTARY CLEANUP PROGRAM
Cubic Yards Of Solids Removed At Completion :	0
Gallons Of Liquid Removed Upon Completion :	0
Cubic Yards Of Solids Treated Upon Completion :	0
Activity Deleted Via Commitment Complete Screen :	Not reported
Facility Id :	19340739
AWP Activities Code :	3
DTSC Site Activity Code :	ORDER
Activity Code Def:	WSE, IORSE, FFA, FFSRA, VCA, EA
AWP Activity Id :	VCA
DI Activity Due For Completion :	Not reported
Reused Due Date :	Not reported
Date Activity Completed :	05041993
Est # Of Person-years To Complete :	0
Est. Site Of An Activity Code :	Not reported
Site Status When Activity Commitment Made :	VCP
Status Code Definition :	VOLUNTARY CLEANUP PROGRAM
Cubic Yards Of Solids Removed At Completion :	0
Gallons Of Liquid Removed Upon Completion :	0
Cubic Yards Of Solids Treated Upon Completion :	0
Activity Deleted Via Commitment Complete Screen :	Not reported
Facility Id :	19340739
AWP Activities Code :	4
DTSC Site Activity Code :	SS
Activity Code Def:	SITESCREENING
AWP Activity Id :	NFA
DI Activity Due For Completion :	Not reported
Reused Due Date :	Not reported
Date Activity Completed :	05041993
Est # Of Person-years To Complete :	0
Est. Site Of An Activity Code :	Not reported
Site Status When Activity Commitment Made :	VCP
Status Code Definition :	VOLUNTARY CLEANUP PROGRAM
Cubic Yards Of Solids Removed At Completion :	0
Gallons Of Liquid Removed Upon Completion :	0
Cubic Yards Of Solids Treated Upon Completion :	0
Activity Deleted Via Commitment Complete Screen :	Not reported
Facility Id :	19340739
AWP Activities Code :	5
DTSC Site Activity Code :	ORDER
Activity Code Def:	WSE, IORSE, FFA, FFSRA, VCA, EA
AWP Activity Id :	VCA2
DI Activity Due For Completion :	Not reported
Reused Due Date :	Not reported
Date Activity Completed :	01161996
Est # Of Person-years To Complete :	0
Est. Site Of An Activity Code :	Not reported
Site Status When Activity Commitment Made :	VCP
Status Code Definition :	VOLUNTARY CLEANUP PROGRAM
Cubic Yards Of Solids Removed At Completion :	0
Gallons Of Liquid Removed Upon Completion :	0
Cubic Yards Of Solids Treated Upon Completion :	0

KENNINGTON LTD. (Continued) 1000366946

Activity Deleted Via Commitment Complete Screen :	Not reported
Facility Id :	19340739
AWP Activities Code :	6
DTSC Site Activity Code :	RIFS
Activity Code Def:	REMEDIAL INVESTIGATION W/ FEASIBILITY STUDY
AWP Activity Id :	VCA2
DI Activity Due For Completion :	Not reported
Reused Due Date :	Not reported
Date Activity Completed :	04251997
Est # Of Person-years To Complete :	0
Est. Site Of An Activity Code :	Not reported
Site Status When Activity Commitment Made :	VCP
Status Code Definition :	VOLUNTARY CLEANUP PROGRAM
Cubic Yards Of Solids Removed At Completion :	0
Gallons Of Liquid Removed Upon Completion :	0
Cubic Yards Of Solids Treated Upon Completion :	0
Activity Deleted Via Commitment Complete Screen :	Not reported
Facility Id :	19340739
AWP Activities Code :	7
DTSC Site Activity Code :	ORDER
Activity Code Def:	WSE, IORSE, FFA, FFSRA, VCA, EA
AWP Activity Id :	VCA3
DI Activity Due For Completion :	Not reported
Reused Due Date :	Not reported
Date Activity Completed :	04112001
Est # Of Person-years To Complete :	0
Est. Site Of An Activity Code :	Not reported
Site Status When Activity Commitment Made :	VCP
Status Code Definition :	VOLUNTARY CLEANUP PROGRAM
Cubic Yards Of Solids Removed At Completion :	0
Gallons Of Liquid Removed Upon Completion :	0
Cubic Yards Of Solids Treated Upon Completion :	0
Activity Deleted Via Commitment Complete Screen :	Not reported
Facility Id :	19340739
AWP Activities Code :	9
DTSC Site Activity Code :	ENFFU
Activity Code Def:	ENFORCEMENT FOLLOWUP, AGORDA REFERRAL, ETC.
AWP Activity Id :	STACT
DI Activity Due For Completion :	Not reported
Reused Due Date :	Not reported
Date Activity Completed :	08082000
Est # Of Person-years To Complete :	0
Est. Site Of An Activity Code :	Not reported
Site Status When Activity Commitment Made :	VCP
Status Code Definition :	VOLUNTARY CLEANUP PROGRAM
Cubic Yards Of Solids Removed At Completion :	0
Gallons Of Liquid Removed Upon Completion :	0
Cubic Yards Of Solids Treated Upon Completion :	0
Activity Deleted Via Commitment Complete Screen :	Not reported
Facility Id :	19340739
AWP Activities Code :	10
DTSC Site Activity Code :	PEA
Activity Code Def:	PRELIMINARY ENDANGERMENT ASSESSMENT
AWP Activity Id :	PASI
DI Activity Due For Completion :	Not reported
Reused Due Date :	Not reported
Date Activity Completed :	05022001

KENNINGTON LTD. (Continued) 1000366946

Est # Of Person-years To Complete : 0
Est. Site Of An Activity Code : Not reported
Site Status When Activity Commitment Made : VCP
Status Code Definition : VOLUNTARY CLEANUP PROGRAM
Cubic Yards Of Solids Removed At Completion : 0
Gallons Of Liquid Removed Upon Completion : 0
Cubic Yards Of Solids Treated Upon Completion : 0
Activity Deleted Via Commitment Complete Screen : Not reported
Facility Id : 19340739
AWP Activities Code : 11
DTSC Site Activity Code : RIFS
Activity Code Def: REMEDIAL INVESTIGATION / FEASIBILITY STUDY
AWP Activity Id : Not reported
Dt Activity Due For Completion : Not reported
Revised Due Date : Not reported
Date Activity Completed : 07312003
Est # Of Person-years To Complete : 0
Est. Site Of An Activity Code : Not reported
Site Status When Activity Commitment Made : VCP
Status Code Definition : VOLUNTARY CLEANUP PROGRAM
Cubic Yards Of Solids Removed At Completion : 0
Gallons Of Liquid Removed Upon Completion : 0
Cubic Yards Of Solids Treated Upon Completion : 0
Activity Deleted Via Commitment Complete Screen : Not reported
Facility Id : 19340739
AWP Activities Code : 12
DTSC Site Activity Code : RAP
Activity Code Def: REMEDIAL ACTION PLAN / RECORD OF DECISION
AWP Activity Id : Not reported
Dt Activity Due For Completion : Not reported
Revised Due Date : Not reported
Date Activity Completed : 10082003
Est # Of Person-years To Complete : 0
Est. Site Of An Activity Code : Not reported
Site Status When Activity Commitment Made : VCP
Status Code Definition : VOLUNTARY CLEANUP PROGRAM
Cubic Yards Of Solids Removed At Completion : 0
Gallons Of Liquid Removed Upon Completion : 0
Cubic Yards Of Solids Treated Upon Completion : 0
Activity Deleted Via Commitment Complete Screen : Not reported
Facility Id : 19340739
AWP Activities Code : 13
DTSC Site Activity Code : DES
Activity Code Def: DESIGN
AWP Activity Id : SOIL
Dt Activity Due For Completion : Not reported
Revised Due Date : Not reported
Date Activity Completed : 12052003
Est # Of Person-years To Complete : 0
Est. Site Of An Activity Code : Not reported
Site Status When Activity Commitment Made : VCP
Status Code Definition : VOLUNTARY CLEANUP PROGRAM
Cubic Yards Of Solids Removed At Completion : 0
Gallons Of Liquid Removed Upon Completion : 0
Cubic Yards Of Solids Treated Upon Completion : 0
Activity Deleted Via Commitment Complete Screen : Not reported

Map ID
Direction
Distance
Distance (ft)
Elevation Site

MAP FINDINGS

EDR ID Number
EPA ID Number
Database(s)

KENNINGTON LTD. (Continued) 1000366946

Facility Id : 19340739
AWP Activities Code : 14
DTSC Site Activity Code : RMDL
Activity Code Def: REMEDIAL ACTION (RAP REQUIRED)
AWP Activity Id : SOIL
Dt Activity Due For Completion : 05302005
Revised Due Date : Not reported
Date Activity Completed : 03232005
Est # Of Person-years To Complete : 0
Est. Site Of An Activity Code : Not reported
Site Status When Activity Commitment Made : VCP
Status Code Definition : VOLUNTARY CLEANUP PROGRAM
Cubic Yards Of Solids Removed At Completion : 18000
Gallons Of Liquid Removed Upon Completion : 0
Cubic Yards Of Solids Treated Upon Completion : 0
Activity Deleted Via Commitment Complete Screen : Not reported
Facility Id : 19340739
AWP Activities Code : 15
DTSC Site Activity Code : CERT
Activity Code Def: CERTIFICATION
AWP Activity Id : SOIL
Dt Activity Due For Completion : 05302005
Revised Due Date : Not reported
Date Activity Completed : Not reported
Est # Of Person-years To Complete : 0
Est. Site Of An Activity Code : Not reported
Site Status When Activity Commitment Made : VCP
Status Code Definition : VOLUNTARY CLEANUP PROGRAM
Cubic Yards Of Solids Removed At Completion : 0
Gallons Of Liquid Removed Upon Completion : 0
Cubic Yards Of Solids Treated Upon Completion : 0
Activity Deleted Via Commitment Complete Screen : Not reported
Facility Id : 19340739
AWP Activities Code : 16
DTSC Site Activity Code : CEQA
Activity Code Def: CEQA INCLUDING NEGATIVE DECS
AWP Activity Id : Not reported
Dt Activity Due For Completion : Not reported
Revised Due Date : Not reported
Date Activity Completed : 10082003
Est # Of Person-years To Complete : 0
Est. Site Of An Activity Code : Not reported
Site Status When Activity Commitment Made : VCP
Status Code Definition : VOLUNTARY CLEANUP PROGRAM
Cubic Yards Of Solids Removed At Completion : 0
Gallons Of Liquid Removed Upon Completion : 0
Cubic Yards Of Solids Treated Upon Completion : 0
Activity Deleted Via Commitment Complete Screen : Not reported
Special Program Code : Not reported
Special Program : Not reported
Comments Date : 01052005
Comments : Groundwater monitoring Plan objective is to update the groundwater monitoring plan originally proposed in the RAP and RAD to describe the groundwater monitoring that will be performed for two years after the completion of soil excavation. The monitoring plan was changed due to the greater amount and

KENNINGTON LTD. (Continued) 1000366946

extent of excavation and removal of TCE and PCE impacted soil to below the capillary fringe and into groundwater. Operation and maintenance Plan (OMP). The purpose of this OMP is to identify soil and groundwater activities that need to be followed and maintained in order to protect human health and the environment. Other activities outlined in this OMP include maintaining a fence and erosion control until the site is sold and developed.
Meeting held with RP's to discuss issue raised at 12/3/96. RPs given opportunity to provide additional information prior to DTSC issuing final determinations.
Not reported
AN AMENDED VOLUNTARY CLEANUP AGREEMENT WAS SIGNED BY THE PROJECT PROPONENTS AND THE DEPARTMENT OF TOXIC SUBSTANCES CONTROL FOR A REMEDIAL INVESTIGATION.
DTSC approved a submitted Work Plan for demolition of the existing buildings on he property.
Not reported
Not reported
An operation maintenance agreement is executed for the implementation of a plan to identify soil and groundwater activities that need to be followed and maintained in order to protect human health and the environment.
Amended VCA includes DTSC review/oversight of data on soil, groundwater and building interiors. Approximately forty (40) documents and reports prepared by ITT and Kenrington consultants regarding historical investigations for the site are scheduled to be reviewed as part of the Remedial Investigation.
An operation maintenance agreement is executed for the implementation of a plan to identify soil and groundwater activities that need to be followed and maintained in order to protect human health and the environment.
The soil remedial action involved the excavation to +5 feet below ground surface, and offsite disposal of approximately 18,000 cubic yards of soil impacted with PCB's, PCE, TCE and lead.
Final Soil Remedial Action Implementation Report. The soil remedial action involved the excavation to +5 feet below ground surface, and offsite disposal of approximately 18,000 cubic yards of soil impacted with PCB's, PCE, TCE, and lead.
Kennington's consultant submitted a new site specific Health & Safety Plan regarding building demolition and asbestos abatement.
Not reported
DTSC signed the Voluntary Cleanup Agreement (VCA). VCA was signed on 4/11/01. Purpose of VCA is for ITT Cannon to complete the Site Investigation, and prepare and implement a Removal Action Workplan.
Meeting held with RPs to discuss DTSC's preliminary determination regarding the building interior.
Not reported
A VOLUNTARY CLEAN-UP AGREEMENT WAS SIGNED BY THE RPS AND DTSC. PER THE AGREEMENT THE RPS WOULD PAY IN ADVANCE TO HAVE DTSC REVIEW AND COMMENT ON THE RPS SITE CHARACTERIZATION REPORT. WALK-IN PROGRAM PROJECT.

KENNINGTON LTD. (Continued) 1000366946

An RI review was completed to evaluate the completeness of past investigations in characterizing the nature and extent of soil, groundwater and building interior surfaces contamination. Hazardous substances currently present include TPH, PCBs, PCDDs, PCDFs, VOC, metals, VOCs. Final determination: Further investigation necessary.
DTSC approved Phase two of the demolition workplan to remove the existing concrete foundation of he buildings.
Not reported
Not reported
DTSC COMPLETED REVIEW OF SITE CHARACTERIZATION REPORT AND SUBMITS COMMENTS AND RECOMMENDATIONS TO THE RPS. THEY ARE AS FOLLOWS:1) DTSC CONCURS THAT BASED ON THE BUILDINGS ENGINEERING CERTIFICATE OF THE CONCRETE FLOOR AND THE PRESENT USE OF THE SITE, AS LONG AS THE FLOORING STAYS INTACT THERE SHOULD BE NO SIGNIFICANT HEALTH RISKS TO BLDG. PERSONNEL. IF THE INTEGRITY OF THE CONCRETE FLOORING BECOMES DAMAGED, SO AS TO EXPOSE BLDG. PERSONNEL TO THE CONTAMINATED SOIL IMMEDIATE ACTIONS SHALL BE TAKEN TO CORRECT THE PROBLEM. IF MAINTENANCE IS NEEDED BELOW THE CONCRETE FLOOR (EG. REPAIR OF UTILITY LINES), PERSONNEL CONDUCTING THE WORK SHALL BE NOTIFIED OF THE HAZARDS AND APPROPRIATE PROTECTIVE CLOTHING SHALL BE WORN. IN THE EVENT THAT KENNINGTON, LTD, INC. PROPOSES TO CHANGE OWNERSHIP OR USE OF THE SITE, DTSC BELIEVES THAT FURTHER RESPONSE ACTION IS REQUIRED. DTSC RECOMMENDS THE FURTHER ACTION BE IN THE FORM OF A) REMEDIATION OF THE CONTAMINATED AREA(S), OR B) IMPLEMENTATION OF LAND USE RESTRICTIONS.
SITE SCREENING DONE PRELIMINARY ENDANGERMENT ASSESSMENT (PEA) REQUIRED. SITE WAS USED BY VARIOUS FORMER COMPANIES FROM ELECTRONIC COMPONENT ASSEMBLY TO ANTI POISON MANUFACTURING.
A Preliminary Assessment Report was submitted to U.S. EPA Region IX for review and approval. Sampling is recommended by U.S. EPA.
Negotiations of enforceable agreement with ITT, currently ongoing, for additional oversight.
Remedial Investigation/Feasibility Study completed right on time.
Statement of Facts completed in anticipation of a Consent Decree.
DTSC staff(Hinojosa, Sallocks, Guerre), were deposed by Kennington legal counsel in July/August, regarding its oversight activities.
Not reported
Negotiations of consent order with ITT currently ongoing.
Not reported
Not reported
The Remedial Action Plan (RAP) includes the excavation and disposal of about 5,000 cubic yards of soil contaminated with polychlorinated biphenls (PCBs), volatile organic compounds (TCE and PCE), lead, and groundwater remediation.
Not reported
Based on the analyses and conclusion found in the Special Initial Study, DTSC finds that the project may result in a potentially significant impact on the archaeological resources, thus a Mitigated Negative Declaration was prepared for the

KENNINGTON LTD. (Continued) 1000366846

protect. An archaeologist will monitor the excavation on Site as a mitigation measure to reduce any potential impact to less than significant levels.
O NCO RTESE LIST
PRELIM ASSESS DONE PEA COMPLETED AND FURTHER INVESTIGATIO N IS NEC ESSARY. PCBS FOUND AS HIGH AS 24,076 PPM AND TPH & TRPH AS HIGH AS 73,050 PPM. SITE IS A LARGE WAREHOUSE-TYPE BUILDING WITH CEMENT FLOO RING & AN ADJOINING PARKING LOT WHICH IS ALSO PAVED. WORKPLAN FO R SITE CHARACTERIZA-TIO N APPROVED WITH APPROX 20 SOIL BO R-INGS PRO POSED; 5 O F WHICH WILL BE CON-VERTED INTO GRO UNDWATER MO NITO RING WELLS
Negotiations of consent order currently ongoing.
Not reported
Negotiations consent order currently on hold due to Kennington PRP negotiations/litigations settlement.
Not reported
Meeting held with RP's to discuss DTSC's preliminary determination regarding sites soil and groundwater.
Sometime in 1988, ITT Canon repurchased the Kennigton site and became the new owner of the site. On 12/18/98, DTSC and ITT had a meeting to discuss entering into a consent agreement with DTSC in order to clean up the site for future development with DTSC's oversight.
Not reported
Not reported
Not reported

CA DEEDS:
Deed Date(s): 03/22/05

HAZNET:
Gepaid: CAL000176662
TSD EPA ID: CAD028409019
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 50040
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Not reported
Contact: KENNINGTON LTD INC
Telephone: (000) 000-0000
Mailing Address: 17701 MITCHELL
IRVINE,CA 92714
County Los Angeles

Gepaid: CAL000176662
TSD EPA ID: CAD028409019
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 145950
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Treatment, Tank
Contact: KENNINGTON LTD INC
Telephone: (000) 000-0000
Mailing Address: 17701 MITCHELL
IRVINE,CA 92714

KENNINGTON LTD. (Continued) 1000366846

County Los Angeles

Gepaid: CAL000176662
TSD EPA ID: NVT330010000
Gen County: Los Angeles
Tsd County: 99
Tons: 51.7500
Waste Category: Contaminated soil from site clean-ups
Disposal Method: Not reported
Contact: KENNINGTON LTD INC
Telephone: (000) 000-0000
Mailing Address: 17701 MITCHELL
IRVINE,CA 92714
County Los Angeles

CORTESE:
Region: CORTESE
Fac Address 2: Not reported

FID:
Facility ID: 19054689 Regulate ID: Not reported
Reg By: Inactive Underground Storage Tank Location
Cortese Code: Not reported SIC Code: Not reported
Status: Inactive Facility Tel: (213) 229-1695
Mail To: Not reported
3339 HUMBOLT ST
LOS ANGELES,CA 90031
Contact: Not reported Contact Tel: Not reported
DUNs No: Not reported NPDES No: Not reported
Creation: 10/22/93 Modified: 00/00/00
EPA ID: Not reported
Comments: Not reported

SWEEPS:
Status: Not reported
Comp Number: 7797
Number: Not reported
Board Of Equalization: Not reported
Ref Date: Not reported
Act Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: Not reported
Actu Date: Not reported
Capacity: Not reported
Tank Use: Not reported
Stg: Not reported
Content: Not reported
Number Of Tanks: 0

18 UNGER FABRIK FINDS 1000404677
WSW 8226 LACY ST HAZNET 110008622880
1/4-1/2 LOS ANGELES, CA 90031 LUST
1660 ft. Cortese

Relative: Lower

Actual: 348 ft.

FINDS:
Other Pertinent Environmental Activity Identified at Site:
TOXIC CHEMICAL RELEASE INVENTORY SYSTEM

State LUST:
Cross Street: SAN FERNANDO RD
Qty Leaked: Not reported
Case Number 900310007
Reg Board: Los Angeles Region
Chemical: Gasoline
Lead Agency: Local Agency
Local Agency: 19050
Case Type: Soil only
Status: Case Closed
Review Date: Not reported — Confirm Leak: Not reported
Workplan: Not reported — Prelim Assess: Not reported
Pollution Char: Not reported — Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 1996-11-01 00:00:00
Release Date: 1996-07-13 00:00:00
Cleanup Fund Id: Not reported
Discover Date: 1996-07-13 00:00:00
Enforcement Dt: Not reported
Enf Type: Not reported
Enter Date: 1996-10-15 00:00:00
Funding: Not reported
Staff Initials: PEJ
How Discovered: Tank Closure
How Stopped: Not reported
Interim: Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date: Not reported
Max MTBE GW: Not reported
MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Priority: Not reported
Local Case #: Not reported
Beneficial: Not reported
Staff: UNK
GW Qualifier: Not reported
Max MTBE Soil: Not reported
Soil Qualifier: Not reported
Hydr Basin #: SAN FERNANDO VALLEY
Operator: Not reported
Oversight Prgm: LUST
Review Date: 1996-03-05 00:00:00
Stop Date: 1996-07-13 00:00:00
Work Suspended: Not reported
Responsible Party: FISCHBACH PROPERTIES
RP Address: 2700 S ZUNI ST, ENGLEWOOD CO 80110
Global Id: T0603700801
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0

UNGER FABRIK (Continued) 1000404677

Mile Fuel: 1
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: Not reported

LUST Region 4:
Report Date: 7/13/1996
Lead Agency: Local Agency
Local Agency: 19050
Substance: Gasoline
Case Type: Soil
Status: Case Closed
Region: 4
Staff UNK
Date Case Last Changed on Database: 3/5/1996
Date Leak Record Entered: 10/15/1996
Historical Max MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Hist Max MTBE Concin Groundwater: Not reported
Hist Max MTBE Concin Soil: Not reported
County: Los Angeles
Organization: Not reported
Regional Board: 04
Owner Contact: Not reported
Responsible Party: FISCHBACH PROPERTIES
RP Address: 2700 S ZUNI ST, ENGLEWOOD CO 80110
Significant Interim Remedial Action Taken: Not reported
Program: LUST
Lat / Long: 34.033994 / -1
Local Agency Staff: PEJ
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Local Case No: Not reported
Substance Quantity: Not reported
Abatement Method Used at the Site: Not reported
Operator: Not reported
Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): 7458.74135071706367271033994+43
Assigned Name: Not reported
WI Global ID: Not reported
Source of Cleanup Funding: Not reported
Date the Leak was Discovered: 7/13/1996
How the Leak was Discovered: Tank Closure
How the Leak was Stopped: Not reported
Cause of Leak: Not reported
Leak Source: Not reported
Date The Leak was Stopped: 7/13/1996
Date Confirmation Leak Began: Not reported
Preliminary Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported

UNGER FABRIK (Continued) 1000404677

Remediation Plan Submitted: Not reported
Remedial Action Underway: Not reported
Post Remedial Action/Monitoring Began: Not reported
Date the Case was Closed: 11/1/1995
Enforcement Action Date: Not reported
Date Leak First Reported: 7/13/1995
Enforcement Type: Not reported
Global ID: T0603700301
Cross Street: SAN FERNANDO RD
Summary:

HAZNET:
Gepaid: CAD133111419
TSD EPA ID: CAD059452708
Gen County: Los Angeles
Tsd County: D
Tons: .3953
Waste Category: Tank bottom waste
Disposal Method: Not reported
Contact: FISCHBACH CORP
Telephone: (000) 000-0000
Mailing Address: 3225 LACY ST
LOS ANGELES,CA 90031 - 1857
County Los Angeles

Gepaid: CAD133111419
TSD EPA ID: CAD059452708
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .3953
Waste Category: Tank bottom waste
Disposal Method: Recycler
Contact: FISCHBACH CORP
Telephone: (000) 000-0000
Mailing Address: 3225 LACY ST
LOS ANGELES,CA 90031 - 1857
County Los Angeles

Gepaid: CAD133111419
TSD EPA ID: CAD059452708
Gen County: Los Angeles
Tsd County: D
Tons: .5938
Waste Category: Tank bottom waste
Disposal Method: Recycler
Contact: FISCHBACH CORP
Telephone: (000) 000-0000
Mailing Address: 3225 LACY ST
LOS ANGELES,CA 90031 - 1857
County Los Angeles

UNGER FABRIK (Continued) 1000404677

Gepaid: CAD133111419
TSD EPA ID: CAD059452708
Gen County: Los Angeles
Tsd County: D
Tons: .2253
Waste Category: Tank bottom waste
Disposal Method: Not reported
Contact: FISCHBACH CORP
Telephone: (000) 000-0000
Mailing Address: 3225 LACY ST
LOS ANGELES,CA 90031 - 1857
County Los Angeles

Gepaid: CAD133111419
TSD EPA ID: CAT080013352
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .3544
Waste Category: Unspecified oil-containing waste
Disposal Method: Recycler
Contact: FISCHBACH CORP
Telephone: (000) 000-0000
Mailing Address: 3225 LACY ST
LOS ANGELES,CA 90031 - 1857
County Los Angeles

Click this hyperlink while viewing on your computer to access
2 additional CA HAZNET record(s) in the EDR Site Report.

CORTESE:
Region: CORTESE
Fac Address 2: 3225 LACY ST

---

20 LINCOLN HEIGHTS SERVICE DPW LUST S103231903
SW 3101 ARTESIAN ST N/A
1/4-1/2 MONTECITO HEIGHTS, CA 90031
1788 ft.

Relative: Lower

Actual: 367 ft.

State LUST:
Cross Street: Not reported
Q ty Leaked: Not reported
Case Number 900310161
Reg Board: Los Angeles Region
Chemical: Hydrocarbons
Lead Agency: Regional Board
Local Agency: 19050
Case Type: Other ground water affected
Status: Case Closed
Review Date: Not reported
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 1997-12-19 00:00:00
Release Date: 1991-03-26 00:00:00
Cleanup Fund Id: Not reported
Discover Date: Not reported
Enforcement Dt: Not reported
Enf Type: Not reported
Confirm Leak: Not reported
Prelim Assess: Not reported
Remed Plan: Not reported

LINCOLN HEIGHTS SERVICE DPW (Continued) S103231903

Enter Date : 1991-03-28 00:00:00
Funding : Not reported
Staff Initials : PEJ
How Discovered : Not reported
How Stopped : Not reported
Interim : Not reported
Leak Cause : UNK
Leak Source : UNK
MTBE Date : 1995-01-01 00:00:00
Max MTBE GW : ND Parts per Billion
MTBE Tested : MTBE Detected. Site tested for MTBE & MTBE detected
Priority : Not reported
Local Case # : Not reported
Beneficial : Not reported
Staff : AT
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifer : Not reported
Hydr Basin # : SAN FERNANDO VALLEY
Operator : OLD CASE #04-1091-02
Oversight Prgm : LUST
Review Date : 1997-09-03 00:00:00
Stop Date : Not reported
Work Suspended : Not reported
Responsible Party : CITY OF LOS ANGELES DPW
RP Address : P.O. BOX 51111, LOS ANGELES, CA 90051-0100
Global Id : T0603700797
Org. Name : Not reported
Contact Person : Not reported
MTBE Conc : 1
Mtbe Fuel : 0
Water System Name : Not reported
Well Name : Not reported
Distance To Lust : 0
Waste Discharge Global ID : Not reported
Waste Discharge Assigned Name : Not reported
Summary : 10-25-91 LEAK REPORT/WAS FILED. 07/07/97 2ND QTR 1997 GW/MON. RPT. 09/03/97 REQUEST FOR CASE CLOSURE

LUST Region 4:
Report Date : 3/26/1991
Lead Agency : Regional Board
Local Agency : 19050
Substance : Hydrocarbons
Case Type : Groundwater
Status : Case Closed
Region : 4
Staff : AT
Date Case Last Changed on Database : 9/3/1997
Date Leak Record Entered : 3/28/1991
Historical Max MTBE Date : Not reported
GW Qualifier : Not reported
Soil Qualifer : Not reported
Hist Max MTBE Conc in Groundwater : Not reported
Hist Max MTBE Conc in Soil : Not reported
County : Los Angeles
Organization : Not reported

LINCOLN HEIGHTS SERVICE DPW (Continued) S103231903

Regional Board: 04
Owner Contact: Not reported
Responsible Party: CITY OF LOS ANGELES DPW
RP Address: P.O. BOX 51111, LOS ANGELES, CA 90051-0100
Significant Interim Remedial Action Taken: Not reported
Program: LUST
Lat / Long: 34.083634 / -1
Local Agency Staff: PEJ
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Local Case No: Not reported
Substance Quantity: Not reported
Abatement Method Used at the Site: Not reported
Operator: OLD CASE #04-1091-02
Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): 5224.526230528142600402611963
Assigned Name: Not reported
WI Global ID: Not reported
Source of Cleanup Funding: Not reported
Date the Leak was Discovered: Not reported
How the Leak was Discovered: Not reported
How the Leak was Stopped: Not reported
Cause of Leak: UNK
Leak Source: UNK
Date The Leak was Stopped: Not reported
Date Confirmation Leak Began: Not reported
Preliminary Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: 3/26/1991
Remediation Plan Submitted: Not reported
Remedial Action Underway: Not reported
Post Remedial Action Monitoring Began: Not reported
Date the Case was Closed: 12/19/1997
Enforcement Action Date: Not reported
Date Leak First Reported: 3/26/1991
Enforcement Type: Not reported
Global ID: T0603700797
Cross Street: Not reported
Summary: 10-25-91 LEAK REPORT/WAS FILED. 07/07/97 2ND QTR 1997 GW/MON. RPT. 09/03/97 REQUEST FOR CASE CLOSURE

21
SW
1/4-1/2
1818 ft.

NI WEST INCORPORATED
3011 HUMBOLDT STREET
LOS ANGELES, CA 90031

CERCLIS 1000710142
FINDS CAD982867628

Relative:
Lower

Actual:
381 ft.

CERCLIS Classification Data:
Federal Facility: Not a Federal Facility
Non NPL Status: FAO ngoing
NPL Status: Not on the NPL
Contact: Betsy Curnow Contact Tel: (415) 972-3093
Contact Title: Not reported
Contact: Jere Johnson Contact Tel: (415) 972-3094
Contact Title: Not reported

NI WEST INCORPORATED (Continued) 1000710142

CERCLIS Assessment History:
Assessment: DISCOVERY Completed: 01/25/1983
CERCLIS Site Status:
Not reported

FINDS:
Other Pertinent Environmental Activity Identified at Site:
COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION AND INFORMATION SYSTEM

---

22 LINCOLN HEIGHTS SERVICED Cortese S104168633
BW 3101 ARTESIAN N/A
1/4-1/2 LOS ANGELES, CA 90031
2286 ft.

Relative: CORTESE:
Lower Region: CORTESE
Fac Address 2: Not reported

Actual:
268 ft.

---

23 BILL'S AUTOMOTIVE#1 LUST S101617327
SSW 100 EAVENUE 23 CA FID UST N/A
1/4-1/2 LOS ANGELES, CA 90031 SWEEPS UST
2429 ft.

Relative: State LUST:
Higher Cross Street: PASADENA AVE & WIDEMAN ST
Q ty Leaked: Not reported
Actual: Case Number 900310089
278 ft. Reg Board: Los Angeles Region
Chemical: Gasoline
Lead Agency: Regional Board
Local Agency: 19050
Case Type: Other ground water affected
Status: Case Closed
Review Date: 1991-07-05 00:00:00 Confirm Leak: 1991-07-05 00:00:00
Workplan: 1992-01-27 00:00:00 Prelim Assess: 1992-01-27 00:00:00
Pollution Char: Not reported Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 1997-07-23 00:00:00
Release Date: 1995-11-10 00:00:00
Cleanup Fund Id: Not reported
Discover Date: 1991-07-31 00:00:00
Enforcement Dt: Not reported
Enf Type: Not reported
Enter Date: 1995-12-11 00:00:00
Funding: Not reported
Staff Initials: PEJ
How Discovered: Tank Closure
How Stopped: Not reported
Interim: Not reported
Leak Cause: UNK
Leak Source: UNK
MTBE Date: 1995-01-01 00:00:00
Max MTBE GW: 3.2 Parts per Billion
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
Priority: Not reported

BILL'S AUTOMOTIVE#1 (Continued) S101617327

Local Case #: Not reported
Beneficial: Not reported
Staff: AS
GW Qualifier: Not reported
Max MTBE Soil: 2.5 Parts per Million
Soil Qualifier: Not reported
Hydr Basin #: SAN FERNANDO VALLEY
Operator: Not reported
Oversight Prgm: LUST
Review Date: 1998-06-20 00:00:00
Stop Date: 1991-07-31 00:00:00
Work Suspended: Not reported
Responsible Party: BILL'S AUTOMOTIVE
RP Address: 1795 SPRING ST N, LOS ANGELES 90031
Global Id: T0603700759
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 2
MTBE Fuel: 1
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Dish Assigned Name: Not reported
Summary: GRNDWTR TPH-G 130PPB; BETX 7.2/27/1.4/23PPB TWO DISTINCT PLUMES IN SOIL, GASO & OIL-HYDRAULIC O R/WASTE OIL, NO DIESELS/1697 - SITE ASSESSMENT RPT 09/20/96 - WELL ABANDONMENT, UST CLOSURE

LUST Region 4:
Report Date: 11/10/1995
Lead Agency: Regional Board
Local Agency: 19050
Substance: Gasoline
Case Type: Groundwater
Status: Case Closed
Region: 4
Staff AS
Date Case Last Changed on Database: 6/20/1996
Date Leak Record Entered: 12/1/1995
Historical Max MTBE Date: 1/1/1995
GW Qualifier: Not reported
Soil Qualifier: Not reported
Hist Max MTBE Concin Groundwater: 3.2
Hist Max MTBE Concin Soil: 2.5
County: Los Angeles
Organization: Not reported
Regional Board: 04
Owner Contact: Not reported
Responsible Party: BILL'S AUTOMOTIVE
RP Address: 1795 SPRING ST N, LOS ANGELES 90031
Significant Interim Remedial Action Taken: Not reported
Program: LUST
Lat / Long: 34.079 1795 / -1
Local Agency Staff: PEJ
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported

BILL'S AUTOMOTIVE#1 (Continued) 810161827

Suspended : Not reported
Local Case No : Not reported
Substance Quantity : Not reported
Abatement Method Used at the Site: Not reported
Operator : Not reported
Water System : Not reported
Well Name : Not reported
Approx. Dist To Production Well (ft) : 9404.33343737345495520314259041
Assigned Name : Not reported
LW Global ID : Not reported
Source of Cleanup Funding: Not reported
Date the Leak was Discovered: 7/31/1991
How the Leak was Discovered: Tank Closure
How the Leak was Stopped: Not reported
Cause of Leak: UNK
Leak Source: UNK
Date The Leak was Stopped: 7/31/1991
Date Confirmation Leak Began: 7/5/1991
Preliminary Site Assessment Workplan Submitted: 12/5/1991
Preliminary Site Assessment Began: 1/27/1992
Pollution Characterization Began: 6/19/1997
Remediation Plan Submitted: Not reported
Remedial Action Underway: Not reported
Post Remedial Action Monitoring Began: Not reported
Date the Case was Closed: 7/23/1997
Enforcement Action Date: Not reported
Date Leak First Reported: 11/10/1995
Enforcement Type: Not reported
Global ID : T0603700739
Cross Street: PASADENA AVE S/W/O RINNAN ST
Summary : GRNDWTR TPH-G 130PPB; BTEX 7.2/27/1.4/23PPB TWO DISTINCT PLUMES IN SOIL, GASO & OIL-HYDRAULIC OR WASTE OIL, NO DIESELS/1997 - SITE ASSESSMENT RPT 05/20/98 - WELL ABANDONMENT, UST CLOSURE

FID:
Facility ID: 15043314 Regulate ID: 00045621
Reg By: Inactive Underground Storage Tank Location
Comtese Code: Not reported SIC Code: Not reported
Status: Inactive Facility Tel: (213) 222-2419
Mail To: Not reported
100 EAVENUE 28
LOS ANGELES,CA 90031
Contact: Not reported Contact Tel: Not reported
DUNs No: Not reported NPDES No: Not reported
Creation: 10/22/93 Modified: 00/00/00
EPA ID: Not reported
Comments: Not reported

SWEEPS:
Status : Not reported
Comp Number : 2739
Number : Not reported
Board Of Equalization : ++D12481
Ref Date : Not reported
Act Date : Not reported
Created Date : Not reported
Tank Status : Not reported

BILL'S AUTOMOTIVE#1 (Continued) 810161827

Owner Tank Id : Not reported
Swrcb Tank Id : 19-000-002739-000001
Actv Date : Not reported
Capacity : 5000
Tank Use : M.V. FUEL
Stg : PRODUCT
Content : REG UNLEADED
Number Of Tanks : 4

Status : Not reported
Comp Number : 2739
Number : Not reported
Board Of Equalization : ++D12481
Ref Date : Not reported
Act Date : Not reported
Created Date : Not reported
Tank Status : Not reported
Owner Tank Id : Not reported
Swrcb Tank Id : 19-000-002739-000002
Actv Date : Not reported
Capacity : 5000
Tank Use : M.V. FUEL
Stg : PRODUCT
Content : REG UNLEADED
Number Of Tanks : Not reported

Status : Not reported
Comp Number : 2739
Number : Not reported
Board Of Equalization : ++D12481
Ref Date : Not reported
Act Date : Not reported
Created Date : Not reported
Tank Status : Not reported
Owner Tank Id : Not reported
Swrcb Tank Id : 19-000-002739-000003
Actv Date : Not reported
Capacity : 7000
Tank Use : M.V. FUEL
Stg : PRODUCT
Content : REG UNLEADED
Number Of Tanks : Not reported

Status : Not reported
Comp Number : 2739
Number : Not reported
Board Of Equalization : ++D12481
Ref Date : Not reported
Act Date : Not reported
Created Date : Not reported
Tank Status : Not reported
Owner Tank Id : Not reported
Swrcb Tank Id : 19-000-002739-000004
Actv Date : Not reported
Capacity : 200
Tank Use : OIL
Stg : WASTE

Map ID / Direction / Distance / Distance (ft) / Elevation | Site | Database(s) | EDR ID Number / EPA ID Number

BILL'S AUTOMOTIVE#1 (Continued) — B101617827

Content: WASTE OIL
Number Of Tanks: Not reported

24
WSW
1/4-1/2
2633 ft.

LACY ST REET DUMP-LOS ANGELES — VAHIST, VAWUDS — B103441448
400 28TH AVENUE — N/A
LOS ANGELES, CA

Relative: Lower

Actual: 347 ft.

VAWUDS:

Region:	4
Date of Last Facility Edit:	Not reported
Last Facility Editors:	Not reported
Waste Discharge System ID:	4 19016GN UR
Solid Waste Information ID:	Not reported
Waste Discharge System:	False
Solid Waste Assessment Test Program:	True
Facility Name:	Not reported
Toxic Pits Cleanup Act Program:	False
Resource Conservation Recovery Act Program:	False
Department of Defense:	False
Open to Public:	False
Number of VAWUDS at Facility:	1
Facility Telephone:	Not reported
Primary Standard Industrial Classification:	Not reported
Secondary Standard Industrial Classification:	Not reported
Solid Waste Assessment Test Program Name:	Not reported
NPID:	Not reported
Tonnage:	0
Regional Board ID:	Not reported
Municipal Solid Waste:	False
Superorder:	False
Sub Chapter 15:	False
Reg. Board Project Officer:	LT
Section Range:	Not reported
RCRA Facility:	Not reported
Waste Discharge Requirements:	Not reported
Base Meridian:	Not reported
Waste Use:	False
Facility Description:	Not reported
Self-Monitoring Rept. Frequency:	Not reported

Threat to Water Quality: Not reported

Agency:	Not reported
Address:	Not reported
Department:	Not reported
Contact:	Not reported
Telephone:	Not reported
Landowner:	Not reported
Address:	CA
Telephone:	Not reported
Contact:	Not reported

Map ID / Direction / Distance / Distance (ft) / Elevation | Site | Database(s) | EDR ID Number / EPA ID Number

26
West
1/2-1
3382 ft.

28TH AND DELL AVENUES — Notify 65 — B100173628
VENICE — N/A
LOS ANGELES, CA

Relative: Lower

Actual: 343 ft.

NOTIFY 65:

Date Reported:	Not reported	Staff Initials: Not reported
Board File Number:	Not reported	
Facility Type:	Not reported	
Discharge Date:	Not reported	
Incident Description:	Not Reported	

MAP FINDINGS - EDR PROPRIETARY HISTORICAL DATABASES

YEAR	NAME	ADDRESS	CITY	ST	DIR	DIST.	ELEV.	TYPE

Cort Gas Site Search: No sites were found in Search of Real Property Survey CHEROKEE database.

EDR Historical Gas Stations & Dry Cleaner Search: No supplemental sites were found in EDR's search of the EDR Historical Gas Station & Dry Cleaner Database within 0.250 mile of the Target Property.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
LINCOLN HEIGHTS	68703644	CITY OF L.A.-GENERAL SERVICES	552 SAN FERNANDO RD	90031	FINDS
LOS ANGELES	51668146	LA CITY, DEPT OF GEN SERVICES	416 N AV 19	90031	ENF
LOS ANGELES	68687455	BARON MFG	241 AVE 26	90031	CERC-NFRAP
LOS ANGELES	51614762	BARON MANUFACTURING	241 AVENUE 26	90031	RCRA-SQG, FINDS, ENF
LOS ANGELES	51654278	COMMERCIAL INDUSTRIAL	252 AVENUE 21	90031	CA FID UST, SWEEPS UST
LOS ANGELES	51654738	MANGES AUTO REPAIR	151 N AVENUE 19	90031	CA FID UST, SWEEPS UST
LOS ANGELES	51654810	BRENT METALS PROPERTIES, IC	252 7TH AVENUE 213 AVE	90031	CA FID UST, SWEEPS UST
LOS ANGELES	51655267	BLUE LINE - AVE 26 STATION	366 AVENUE 26	90031	SLIC
LOS ANGELES	51661954	THE E.D. HALCHE CORP.	366 AVENUE 26	90031	SLIC
LOS ANGELES	51661709	THE E.D. HALCHE CORPORATION	366-368 AVENUE 26		SLIC
LOS ANGELES	51666156	METROLINE PASADENA BLUE LINE	BETWEEN AVENUE 33 & FRENCH AVENUE	90065	ENF
LOS ANGELES	51647549	SLOVONIAN PICNIC AREA	627 BUENA VISTA AVENUE		YH-RID 565747
LOS ANGELES	68682161	NORTHROP CORP AIRCRAFT DIV	3901 DEL AMO ST	90032	RCRA-SQG, FINDS, RCRA-TSDF, CORRACTS, CERC-NFRAP
LOS ANGELES	68682466	LA CITY, DEPT OF GEN SERVICES	2130 CITRUS PLACE 2 ac	90031	FINDS, ENF
LOS ANGELES	51666 2239	NORCAL VEST SERVICES INC	344 E HERRY ST & 354		CA WDS
LOS ANGELES	51654784	76 STATION #0457	2254 PASADENA CA ST. h.	90065	UST
LOS ANGELES	51661 161	PE DERATED CORPORATED SERVICES	3466 - 3470 N. MISSION RD	90031	ENF
LOS ANGELES	51661 7229	CITY FORD COMPANY, INC CRP CTA-TE	4666 PASADENA AVE	90031	CA FID UST, SWEEPS UST
LOS ANGELES	U004561269	CITY FORD COMPANY, INC	4666 PASADENA AVE	90031	HIST UST
LOS ANGELES	51661 4649	LA CITY, DEPT OF GEN SERVICES	454 N SAN PEDRO ST		ENF
LOS ANGELES	68741 263	CROWN COACH SITE	SANTA FE AVENUE AND WASHINGTON BLVD.		US BROWNFIELDS
LOS ANGELES	51666 3417	THOUSAND OAKS COUNTY 662	11166 SANTA MONICA BL. STE. 166		SWRLF

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Elapsed ASTM days: Provides confirmation that this EDR report meets or exceeds the 90-day updating requirement of the ASTM standard.

FEDERAL ASTM STANDARD RECORDS

NPL: National Priority List
Source: EPA
Telephone: N/A
National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 07/01/05
Date Made Active at EDR: 08/22/05
Database Release Frequency: Quarterly
Date of Data Arrival at EDR: 08/03/05
Elapsed ASTM days: 19
Date of Last EDR Contact: 08/03/05

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone: 617-918-1143
EPA Region 6
Telephone: 214-655-6659
EPA Region 3
Telephone: 215-814-5418
EPA Region 8
Telephone: 303-312-6774
EPA Region 4
Telephone: 404-562-8033

Proposed NPL: Proposed National Priority List Sites
Source: EPA
Telephone: N/A

Date of Government Version: 04/27/05
Date Made Active at EDR: 05/16/05
Database Release Frequency: Quarterly
Date of Data Arrival at EDR: 05/04/05
Elapsed ASTM days: 12
Date of Last EDR Contact: 08/05/05

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System
Source: EPA
Telephone: 703-413-0223
CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 05/27/05
Date Made Active at EDR: 08/17/05
Database Release Frequency: Quarterly
Date of Data Arrival at EDR: 07/22/05
Elapsed ASTM days: 35
Date of Last EDR Contact: 07/22/05

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned
Source: EPA
Telephone: 703-413-0223
As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to limit the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/17/05
Date Made Active at EDR: 08/17/05
Database Release Frequency: Quarterly
Date of Data Arrival at EDR: 05/20/05
Elapsed ASTM days: 88
Date of Last EDR Contact: 05/20/05

CORRACTS: Corrective Action Report
Source: EPA
Telephone: 800-424-9346
CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 05/23/05
Date Made Active at EDR: 08/03/05
Database Release Frequency: Quarterly
Date of Data Arrival at EDR: 07/05/05
Elapsed ASTM days: 34
Date of Last EDR Contact: 06/15/05

RCRA: Resource Conservation and Recovery Act Information
Source: EPA
Telephone: 800-424-9346
RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS). The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator off-site to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 05/20/05
Date Made Active at EDR: 08/08/05
Database Release Frequency: Quarterly
Date of Data Arrival at EDR: 05/24/05
Elapsed ASTM days: 76
Date of Last EDR Contact: 08/23/05

ERNS: Emergency Response Notification System
Source: National Response Center, United States Coast Guard
Telephone: 202-260-2342
Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/04
Date Made Active at EDR: 03/24/05
Database Release Frequency: Annually
Date of Data Arrival at EDR: 01/27/05
Elapsed ASTM days: 55
Date of Last EDR Contact: 07/25/05

FEDERAL ASTM SUPPLEMENTAL RECORDS

BRS: Biennial Reporting System
Source: EPA/NTIS
Telephone: 800-424-9346
The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/03
Database Release Frequency: Biennially
Date of Last EDR Contact: 06/17/05
Date of Next Scheduled EDR Contact: 09/12/05

CONSENT: Superfund (CERCLA) Consent Decrees
Source: Department of Justice, Consent Decree Library
Telephone: Varies
Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/14/04 — Date of Last EDR Contact: 07/25/05
Database Release Frequency: Varies — Date of Next Scheduled EDR Contact: 10/24/05

ROD: Records Of Decision
Source: EPA
Telephone: 703-416-0223
Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 06/08/05 — Date of Last EDR Contact: 07/06/05
Database Release Frequency: Annually — Date of Next Scheduled EDR Contact: 10/03/05

DELISTED NPL: National Priority List Deletions
Source: EPA
Telephone: N/A
The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 07/01/05 — Date of Last EDR Contact: 08/03/05
Database Release Frequency: Quarterly — Date of Next Scheduled EDR Contact: 10/31/05

FINDS: Facility Index System/Facility Registry System
Source: EPA
Telephone: (415) 947-8000
Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 07/11/05 — Date of Last EDR Contact: 07/05/05
Database Release Frequency: Quarterly — Date of Next Scheduled EDR Contact: 10/03/05

HMIRS: Hazardous Materials Information Reporting System
Source: U.S. Department of Transportation
Telephone: 202-366-4555
Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 06/27/05 — Date of Last EDR Contact: 07/22/05
Database Release Frequency: Annually — Date of Next Scheduled EDR Contact: 10/17/05

MLTS: Material Licensing Tracking System
Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/14/05 — Date of Last EDR Contact: 07/05/05
Database Release Frequency: Quarterly — Date of Next Scheduled EDR Contact: 10/03/05

MINES: Mines Master Index File
Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 05/13/05 — Date of Last EDR Contact: 06/27/05
Database Release Frequency: Semi-Annually — Date of Next Scheduled EDR Contact: 09/26/05

NPL LIENS: Federal Superfund Liens
Source: EPA
Telephone: 202-564-4267
Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/91 — Date of Last EDR Contact: 08/22/05
Database Release Frequency: No Update Planned — Date of Next Scheduled EDR Contact: 11/21/05

PADS: PCB Activity Database System
Source: EPA
Telephone: 202-564-3887
PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 03/30/05 — Date of Last EDR Contact: 08/25/05
Database Release Frequency: Annually — Date of Next Scheduled EDR Contact: 11/07/05

DOD: Department of Defense Sites
Source: USGS
Telephone: 703-692-8801
This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 10/01/03 — Date of Last EDR Contact: 08/09/05
Database Release Frequency: Semi-Annually — Date of Next Scheduled EDR Contact: 11/07/05

UMTRA: Uranium Mill Tailings Sites
Source: Department of Energy
Telephone: 505-845-0011
Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized. In 1978, 24 inactive uranium mill tailings sites in Oregon, Idaho, Wyoming, Utah, Colorado, New Mexico, Texas, North Dakota, South Dakota, Pennsylvania, and on Navajo and Hopi tribal lands, were targeted for cleanup by the Department of Energy.

Date of Government Version: 12/29/04 — Date of Last EDR Contact: 07/05/05
Database Release Frequency: Varies — Date of Next Scheduled EDR Contact: 09/19/05

ODI: Open Dump Inventory
Source: Environmental Protection Agency
Telephone: 800-424-9346
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/85 — Date of Last EDR Contact: 05/23/95
Database Release Frequency: No Update Planned — Date of Next Scheduled EDR Contact: N/A

FUDS: Formerly Used Defense Sites
Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/04 Date of Last EDR Contact: 06/29/05
Database Release Frequency: Varies Date of Next Scheduled EDR Contact: 10/03/05

INDIAN RESERV: Indian Reservations
Source: USGS
Telephone: 202-208-3710
This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 10/01/03 Date of Last EDR Contact: 08/09/05
Database Release Frequency: Semi-Annually Date of Next Scheduled EDR Contact: 11/07/05

US ENG CONTROLS: Engineering Controls Sites List
Source: Environmental Protection Agency
Telephone: 703-603-8867
A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or affect human health.

Date of Government Version: 01/10/05 Date of Last EDR Contact: 07/05/05
Database Release Frequency: Varies Date of Next Scheduled EDR Contact: 10/03/05

RAATS: RCRA Administrative Action Tracking System
Source: EPA
Telephone: 202-564-4104
RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/95 Date of Last EDR Contact: 06/09/05
Database Release Frequency: No Update Planned Date of Next Scheduled EDR Contact: 09/05/05

TRIS: Toxic Chemical Release Inventory System
Source: EPA
Telephone: 202-566-0250
Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/03 Date of Last EDR Contact: 07/13/05
Database Release Frequency: Annually Date of Next Scheduled EDR Contact: 09/19/05

TSCA: Toxic Substances Control Act
Source: EPA
Telephone: 202-260-5521
Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/02 Date of Last EDR Contact: 07/18/05
Database Release Frequency: Every 4 Years Date of Next Scheduled EDR Contact: 10/17/05

FTTS INSP: FIFRA/TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
Source: EPA
Telephone: 202-566-1667

Date of Government Version: 07/15/05 Date of Last EDR Contact: 09/20/05
Database Release Frequency: Quarterly Date of Next Scheduled EDR Contact: 09/19/05

BRTR: Section 7 Tracking Systems
Source: EPA
Telephone: 202-564-4203
Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/03 Date of Last EDR Contact: 07/18/05
Database Release Frequency: Annually Date of Next Scheduled EDR Contact: 10/17/05

FTTS: FIFRA/TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/15/05 Date of Last EDR Contact: 09/20/05
Database Release Frequency: Quarterly Date of Next Scheduled EDR Contact: 09/19/05

STATE OF CALIFORNIA ASTM STANDARD RECORDS

AWP: Annual Workplan Sites
Source: California Environmental Protection Agency
Telephone: 916-323-3400
Known Hazardous Waste Sites. California DTSC's Annual Workplan (AWP), formerly BEP, identifies known hazardous substance sites targeted for cleanup.

Date of Government Version: 03/03/05 Date of Data Arrival at EDR: 03/29/05
Date Made Active at EDR: 05/12/05 Elapsed ASTM days: 23
Database Release Frequency: Annually Date of Last EDR Contact: 03/29/05

CAL-SITES: Calsites Database
Source: Department of Toxic Substance Control
Telephone: 916-323-3400
The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database.

Date of Government Version: 03/03/05 Date of Data Arrival at EDR: 03/29/05
Date Made Active at EDR: 05/12/05 Elapsed ASTM days: 23
Database Release Frequency: Quarterly Date of Last EDR Contact: 03/29/05

CHMIRS: California Hazardous Material Incident Report System
Source: Office of Emergency Services
Telephone: 916-845-8400
California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 12/31/03 Date of Data Arrival at EDR: 05/18/04
Date Made Active at EDR: 06/25/04 Elapsed ASTM days: 38
Database Release Frequency: Varies Date of Last EDR Contact: 03/23/05

CORTESE: "Cortese" Hazardous Waste & Substances Sites List
Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-9100
The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites). This listing is no longer updated by the state agency.

Date of Government Version: 04/01/01
Date Made Active at EDR: 07/26/01
Database Release Frequency: No Update Planned
Date of Data Arrival at EDR: 05/29/01
Elapsed ASTM days: 58
Date of Last EDR Contact: 07/26/05

NOTIFY 65: Proposition 65 Records
Source: State Water Resources Control Board
Telephone: 916-445-3846
Proposition 65 Notification Records. NOTIFY 65 contains facility notifications about any release which could impact drinking water and thereby expose the public to a potential health risk.

Date of Government Version: 10/21/93
Date Made Active at EDR: 11/19/93
Database Release Frequency: No Update Planned
Date of Data Arrival at EDR: 11/01/93
Elapsed ASTM days: 18
Date of Last EDR Contact: 07/19/05

TOXIC PITS: Toxic Pits Cleanup Act Sites
Source: State Water Resources Control Board
Telephone: 916-227-4364
Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/95
Date Made Active at EDR: 08/28/95
Database Release Frequency: No Update Planned
Date of Data Arrival at EDR: 08/30/95
Elapsed ASTM days: 27
Date of Last EDR Contact: 08/01/05

SWF/LF (SWIS): Solid Waste Information System
Source: Integrated Waste Management Board
Telephone: 916-341-6320
Active, Closed and Inactive Landfills. SWF/LF records typically contain an inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 05/13/05
Date Made Active at EDR: 07/15/05
Database Release Frequency: Quarterly
Date of Data Arrival at EDR: 05/14/05
Elapsed ASTM days: 31
Date of Last EDR Contact: 05/14/05

WMUDS/SWAT: Waste Management Unit Database
Source: State Water Resources Control Board
Telephone: 916-227-4448
Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/00
Date Made Active at EDR: 05/10/00
Database Release Frequency: Quarterly
Date of Data Arrival at EDR: 04/10/00
Elapsed ASTM days: 30
Date of Last EDR Contact: 06/06/05

LUST: Geotracker's Leaking Underground Fuel Tank Report
Source: State Water Resources Control Board
Contact: Los Angeles City Fire Department, (213) 978-3700
Contact: Los Angeles County Public Works, (626) 458-3511
Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 07/11/05
Date Made Active at EDR: 08/03/05
Database Release Frequency: Quarterly
Date of Data Arrival at EDR: 07/12/05
Elapsed ASTM days: 22
Date of Last EDR Contact: 07/12/05

LUST REG 1: Active Toxic Site Investigation
Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-576-2220
Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/01
Date Made Active at EDR: 03/29/01
Database Release Frequency: No Update Planned
Date of Data Arrival at EDR: 02/28/01
Elapsed ASTM days: 29
Date of Last EDR Contact: 08/22/05

LUST REG 2: Fuel Leak List
Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457

Date of Government Version: 09/30/04
Date Made Active at EDR: 11/19/04
Database Release Frequency: Quarterly
Date of Data Arrival at EDR: 10/20/04
Elapsed ASTM days: 30
Date of Last EDR Contact: 07/11/05

LUST REG 3: Leaking Underground Storage Tank Database
Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147

Date of Government Version: 05/15/03
Date Made Active at EDR: 06/02/03
Database Release Frequency: No Update Planned
Date of Data Arrival at EDR: 05/16/03
Elapsed ASTM days: 14
Date of Last EDR Contact: 08/15/05

LUST REG 4: Underground Storage Tank Leak List
Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/04
Date Made Active at EDR: 10/12/04
Database Release Frequency: No Update Planned
Date of Data Arrival at EDR: 09/07/04
Elapsed ASTM days: 35
Date of Last EDR Contact: 06/27/05

LUST REG 5: Leaking Underground Storage Tank Database
Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291

Date of Government Version: 07/01/05
Date Made Active at EDR: 08/01/05
Database Release Frequency: Quarterly
Date of Data Arrival at EDR: 08/02/05
Elapsed ASTM days: 30
Date of Last EDR Contact: 07/08/05

LUST REG 6L: Leaking Underground Storage Tank Case Listing
Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 916-542-5424
For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/03
Date Made Active at EDR: 10/07/03
Database Release Frequency: No Update Planned
Date of Data Arrival at EDR: 09/10/03
Elapsed ASTM days: 27
Date of Last EDR Contact: 06/06/05

LUST REG 6V: Leaking Underground Storage Tank Case Listing
Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-346-7491

Date of Government Version: 06/07/05
Date Made Active at EDR: 06/29/05
Database Release Frequency: No Update Planned
Date of Data Arrival at EDR: 06/07/05
Elapsed ASTM days: 22
Date of Last EDR Contact: 07/08/05

LUST REG 7: Leaking Underground Storage Tank Case Listing
Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-346-7491

Date of Government Version: 02/26/04
Date Made Active at EDR: 03/24/04
Database Release Frequency: No Update Planned
Date of Data Arrival at EDR: 02/26/04
Elapsed ASTM days: 27
Date of Last EDR Contact: 06/27/05

LUST REG 8: Leaking Underground Storage Tanks
Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-4130
California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/05
Date Made Active at EDR: 03/23/05
Database Release Frequency: Varies
Date of Data Arrival at EDR: 02/15/05
Elapsed ASTM days: 41
Date of Last EDR Contact: 08/08/05

LUST REG 9: Leaking Underground Storage Tank Report
Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/01
Date Made Active at EDR: 05/21/01
Database Release Frequency: No Update Planned
Date of Data Arrival at EDR: 04/23/01
Elapsed ASTM days: 28
Date of Last EDR Contact: 07/18/05

CA BOND EXP. PLAN: Bond Expenditure Plan
Source: Department of Health Services
Telephone: 916-255-2118
Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/89
Date Made Active at EDR: 08/03/94
Database Release Frequency: No Update Planned
Date of Data Arrival at EDR: 07/27/94
Elapsed ASTM days: 6
Date of Last EDR Contact: 05/31/94

CA UST:

UST: Active UST Facilities
Source: SWRCB
Contact: Los Angeles City Fire Department, (213) 978-3700
Contact: Los Angeles County Public Works, (626) 458-3511
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 07/11/05
Date Made Active at EDR: 08/11/05
Database Release Frequency: Semi-Annually
Date of Data Arrival at EDR: 07/12/05
Elapsed ASTM days: 30
Date of Last EDR Contact: 07/12/05

VCP: Voluntary Cleanup Program Properties
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have requested that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 03/03/05
Date Made Active at EDR: 05/24/05
Database Release Frequency: Quarterly
Date of Data Arrival at EDR: 03/29/05
Elapsed ASTM days: 23
Date of Last EDR Contact: 03/29/05

INDIAN UST: Underground Storage Tanks on Indian Land
Source: EPA Region 9
Telephone: 415-972-3368

Date of Government Version: 04/13/05
Date Made Active at EDR: 05/31/05
Database Release Frequency: Varies
Date of Data Arrival at EDR: 05/16/05
Elapsed ASTM days: 15
Date of Last EDR Contact: 08/25/05

INDIAN LUST: Leaking Underground Storage Tanks on Indian Land
Source: Environmental Protection Agency
Telephone: 415-972-3372
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 05/02/05
Date Made Active at EDR: 07/01/05
Database Release Frequency: Varies
Date of Data Arrival at EDR: 06/03/05
Elapsed ASTM days: 28
Date of Last EDR Contact: 08/25/05

INDIAN LUST: Leaking Underground Storage Tanks on Indian Land
Source: EPA Region 10
Telephone: 206-553-2857
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 05/14/05
Date Made Active at EDR: 07/15/05
Database Release Frequency: Varies
Date of Data Arrival at EDR: 05/14/05
Elapsed ASTM days: 31
Date of Last EDR Contact: 08/25/05

CA FID UST: Facility Inventory Database
Source: California Environmental Protection Agency
Telephone: 916-341-5851
The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/94
Date Made Active at EDR: 09/29/95
Database Release Frequency: No Update Planned
Date of Data Arrival at EDR: 09/05/95
Elapsed ASTM days: 24
Date of Last EDR Contact: 12/28/98

HIST UST: Hazardous Substance Storage Container Database
Source: State Water Resources Control Board
Telephone: 916-341-5851
The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/90
Date Made Active at EDR: 02/13/91
Database Release Frequency: No Update Planned
Date of Data Arrival at EDR: 01/25/91
Elapsed ASTM days: 18
Date of Last EDR Contact: 07/26/01

SWEEPS UST: SWEEPS UST Listing
Source: State Water Resources Control Board
Telephone: N/A
Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contracted by the SWRCB in the early 1980's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/94
Date Made Active at EDR: 08/11/05
Database Release Frequency: No Update Planned
Date of Data Arrival at EDR: 07/07/05
Elapsed ASTM days: 35
Date of Last EDR Contact: 06/03/05

STATE OF CALIFORNIA ASTM SUPPLEMENTAL RECORDS

AST: Aboveground Petroleum Storage Tank Facilities
Source: State Water Resources Control Board
Telephone: 916-341-5712
Registered Aboveground Storage Tanks.

Date of Government Version: 02/01/05 — Date of Last EDR Contact: 08/16/05
Database Release Frequency: Quarterly — Date of Next Scheduled EDR Contact: 10/31/05

CLEANERS: Cleaner Facilities
Source: Department of Toxic Substance Control
Telephone: 916-327-4498
A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 04/18/05 — Date of Last EDR Contact: 07/05/05
Database Release Frequency: Annually — Date of Next Scheduled EDR Contact: 10/03/05

CA WDS: Waste Discharge System
Source: State Water Resources Control Board
Telephone: 916-341-5227
Sites which have been issued waste discharge requirements.

Date of Government Version: 06/20/05 — Date of Last EDR Contact: 06/27/05
Database Release Frequency: Quarterly — Date of Next Scheduled EDR Contact: 09/19/05

DEED: Deed Restriction Listing
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 08/02/05 — Date of Last EDR Contact: 07/05/05
Database Release Frequency: Semi-Annually — Date of Next Scheduled EDR Contact: 10/03/05

NFA: No Further Action Determination
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
This category contains properties at which DTSC has made a clear determination that the property does not pose a problem to the environment or to public health.

Date of Government Version: 05/04/05 — Date of Last EDR Contact: 06/01/05
Database Release Frequency: Quarterly — Date of Next Scheduled EDR Contact: 09/26/05

EMI: Emissions Inventory Data
Source: California Air Resources Board
Telephone: 916-322-2990
Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/03 — Date of Last EDR Contact: 07/19/05
Database Release Frequency: Varies — Date of Next Scheduled EDR Contact: 10/17/05

WIP: Well Investigation Program Case List
Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/27/05 — Date of Last EDR Contact: 07/25/05
Database Release Frequency: Varies — Date of Next Scheduled EDR Contact: 10/24/05

REF: Unconfirmed Properties Referred to Another Agency
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
This category contains properties where contamination has not been confirmed and which were determined as not requiring direct DTSC Site Mitigation Program action or oversight. Accordingly, these sites have been referred to another state or local regulatory agency.

Date of Government Version: 05/04/05 — Date of Last EDR Contact: 06/01/05
Database Release Frequency: Quarterly — Date of Next Scheduled EDR Contact: 09/26/05

SCH: School Property Evaluation Program
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 05/04/05 — Date of Last EDR Contact: 06/01/05
Database Release Frequency: Quarterly — Date of Next Scheduled EDR Contact: 09/26/05

NFE: Properties Needing Further Evaluation
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
This category contains properties that are suspected of being contaminated. These are unconfirmed contaminated properties that need to be assessed using the PEA process. PEA In Progress indicates properties where DTSC is currently conducting a PEA. PEA Required indicates properties where DTSC has determined a PEA is required, but not currently underway.

Date of Government Version: 08/03/05 — Date of Last EDR Contact: 08/29/05
Database Release Frequency: Quarterly — Date of Next Scheduled EDR Contact: 11/28/05

SLIC: Statewide SLIC Cases
Source: State Water Resources Control Board
Contact: Los Angeles City Fire Department, (213) 978-3700
Contact: Los Angeles County Public Works, (626) 458-3511
The Spills, Leaks, Investigations, and Cleanups (SLIC) listings includes unauthorized discharges from spills and leaks, other than from underground storage tanks or other regulated sites.

Date of Government Version: 07/11/05 — Date of Last EDR Contact: 07/13/05
Database Release Frequency: Varies — Date of Next Scheduled EDR Contact: 10/10/05

SLIC REG 1: Active Toxic Site Investigations
Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220

Date of Government Version: 04/03/03 — Date of Last EDR Contact: 08/23/05
Database Release Frequency: No Update Planned — Date of Next Scheduled EDR Contact: 11/21/05

BLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 09/30/04 — Date of Last EDR Contact: 07/11/05
Database Release Frequency: Quarterly — Date of Next Scheduled EDR Contact: 10/10/05

BLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 09/15/05 — Date of Last EDR Contact: 09/15/05
Database Release Frequency: Semi-Annually — Date of Next Scheduled EDR Contact: 11/14/05

BLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 11/17/04 — Date of Last EDR Contact: 07/25/05
Database Release Frequency: Varies — Date of Next Scheduled EDR Contact: 10/24/05

BLIC REG 6: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Unregulated sites that impact groundwater or have the potential to impact groundwater.

Date of Government Version: 04/01/05 — Date of Last EDR Contact: 07/08/05
Database Release Frequency: Semi-Annually — Date of Next Scheduled EDR Contact: 10/03/05

BLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583

Date of Government Version: 05/24/05 — Date of Last EDR Contact: 07/05/05
Database Release Frequency: Semi-Annually — Date of Next Scheduled EDR Contact: 10/03/05

BLIC REG 8 L: SLIC Sites
Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574

Date of Government Version: 09/07/04 — Date of Last EDR Contact: 06/09/05
Database Release Frequency: No Update Planned — Date of Next Scheduled EDR Contact: 09/05/05

BLIC REG 7: SLIC List
Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491

Date of Government Version: 11/24/04 — Date of Last EDR Contact: 08/22/05
Database Release Frequency: No Update Planned — Date of Next Scheduled EDR Contact: 11/21/05

BLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298

Date of Government Version: 07/01/04 — Date of Last EDR Contact: 07/05/05
Database Release Frequency: Semi-Annually — Date of Next Scheduled EDR Contact: 10/03/05

BLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980

Date of Government Version: 05/27/05 — Date of Last EDR Contact: 05/31/05
Database Release Frequency: Annually — Date of Next Scheduled EDR Contact: 08/29/05

HAZNET: Facility and Manifest Data
Source: California Environmental Protection Agency
Telephone: 916-255-1136
Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method.

Date of Government Version: 12/31/02 — Date of Last EDR Contact: 08/23/05
Database Release Frequency: Annually — Date of Next Scheduled EDR Contact: 11/07/05

LOCAL RECORDS

ALAMEDA COUNTY:

Underground Tanks
Source: Alameda County Environmental Health Services
Telephone: 510-567-6700

Date of Government Version: 05/23/05 — Date of Last EDR Contact: 05/23/05
Database Release Frequency: Semi-Annually — Date of Next Scheduled EDR Contact: 10/24/05

Contaminated Sites
Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 03/16/05 — Date of Last EDR Contact: 07/25/05
Database Release Frequency: Semi-Annually — Date of Next Scheduled EDR Contact: 10/24/05

CONTRA COSTA COUNTY:

Site List
Source: Contra Costa Health Services Department
Telephone: 925-646-2286
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 05/13/05 — Date of Last EDR Contact: 05/13/05
Database Release Frequency: Semi-Annually — Date of Next Scheduled EDR Contact: 08/29/05

FRESNO COUNTY:

CUPA Resources List
Source: Dept. of Community Health
Telephone: 559-445-3271
Certified Unified Program Agency. CUPAs are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 07/22/05
Database Release Frequency: Semi-Annually

Date of Last EDR Contact 07/25/05
Date of Next Scheduled EDR Contact: 11/07/05

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing
Source: Kern County Environmental Health Services Department
Telephone: 661-862-8700
Kern County Sites and Tanks Listing.

Date of Government Version: 05/10/05
Database Release Frequency: Quarterly

Date of Last EDR Contact 05/02/05
Date of Next Scheduled EDR Contact: 08/08/05

LOS ANGELES COUNTY:

List of Solid Waste Facilities
Source: La County Department of Public Works
Telephone: 818-458-5185

Date of Government Version: 02/01/05
Database Release Frequency: Varies

Date of Last EDR Contact 08/18/05
Date of Next Scheduled EDR Contact: 11/14/05

City of El Segundo Underground Storage Tank
Source: City of El Segundo Fire Department
Telephone: 310-524-2236

Date of Government Version: 05/31/05
Database Release Frequency: Semi-Annually

Date of Last EDR Contact 08/15/05
Date of Next Scheduled EDR Contact: 11/14/05

City of Long Beach Underground Storage Tank
Source: City of Long Beach Fire Department
Telephone: 562-570-2563

Date of Government Version: 03/28/03
Database Release Frequency: Annually

Date of Last EDR Contact 08/23/05
Date of Next Scheduled EDR Contact: 11/21/05

City of Torrance Underground Storage Tank
Source: City of Torrance Fire Department
Telephone: 310-618-2973

Date of Government Version: 06/02/05
Database Release Frequency: Semi-Annually

Date of Last EDR Contact 08/15/05
Date of Next Scheduled EDR Contact: 11/14/05

City of Los Angeles Landfills
Source: Engineering & Construction Division
Telephone: 213-473-7869

Date of Government Version: 03/01/05
Database Release Frequency: Varies

Date of Last EDR Contact 09/13/05
Date of Next Scheduled EDR Contact: 09/12/05

HMS: Street Number List
Source: Department of Public Works
Telephone: 626-458-3517
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 04/28/05
Database Release Frequency: Semi-Annually

Date of Last EDR Contact 08/15/05
Date of Next Scheduled EDR Contact: 11/14/05

Site Mitigation List
Source: Community Health Services
Telephone: 323-890-7806
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 05/25/05
Database Release Frequency: Annually

Date of Last EDR Contact 08/15/05
Date of Next Scheduled EDR Contact: 11/14/05

San Gabriel Valley Areas of Concern
Source: EPA Region 9
Telephone: 415-972-3178
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 12/31/98
Database Release Frequency: No Update Planned

Date of Last EDR Contact 07/06/99
Date of Next Scheduled EDR Contact: N/A

MARIN COUNTY:

Underground Storage Tank Sites
Source: Public Works Department Waste Management
Telephone: 415-499-6647
Currently permitted USTs in Marin County.

Date of Government Version: 06/23/05
Database Release Frequency: Semi-Annually

Date of Last EDR Contact 08/01/05
Date of Next Scheduled EDR Contact: 10/31/05

NAPA COUNTY:

Sites With Reported Contamination
Source: Napa County Department of Environmental Management
Telephone: 707-253-4269

Date of Government Version: 06/27/05
Database Release Frequency: Semi-Annually

Date of Last EDR Contact 06/27/05
Date of Next Scheduled EDR Contact: 09/26/05

Closed and Operating Underground Storage Tank Sites
Source: Napa County Department of Environmental Management
Telephone: 707-253-4269

Date of Government Version: 06/27/05
Database Release Frequency: Annually

Date of Last EDR Contact 06/27/05
Date of Next Scheduled EDR Contact: 09/26/05

ORANGE COUNTY:

List of Underground Storage Tank Cleanups
Source: Health Care Agency
Telephone: 714-834-3446
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 06/01/05
Database Release Frequency: Quarterly

Date of Last EDR Contact 08/10/05
Date of Next Scheduled EDR Contact: 09/05/05

List of Underground Storage Tank Facilities
Source: Health Care Agency
Telephone: 714-834-3446
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 06/01/05 Date of Last EDR Contact: 06/10/05
Database Release Frequency: Quarterly Date of Next Scheduled EDR Contact: 09/05/05

List of Industrial Site Cleanups
Source: Health Care Agency
Telephone: 714-834-3446
Petroleum and non-petroleum spills.

Date of Government Version: 06/01/05 Date of Last EDR Contact: 06/10/05
Database Release Frequency: Annually Date of Next Scheduled EDR Contact: 09/05/05

PLACER COUNTY:

Master List of Facilities
Source: Placer County Health and Human Services
Telephone: 530-889-7312
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 09/10/05 Date of Last EDR Contact: 06/27/05
Database Release Frequency: Semi-Annually Date of Next Scheduled EDR Contact: 09/19/05

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites
Source: Department of Public Health
Telephone: 951-358-5055
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/24/05 Date of Last EDR Contact: 07/13/05
Database Release Frequency: Quarterly Date of Next Scheduled EDR Contact: 10/17/05

Underground Storage Tank Tank List
Source: Health Services Agency
Telephone: 951-358-5055

Date of Government Version: 05/24/05 Date of Last EDR Contact: 07/13/05
Database Release Frequency: Quarterly Date of Next Scheduled EDR Contact: 10/17/05

SACRAMENTO COUNTY:

CS - Contaminated Sites
Source: Sacramento County Environmental Management
Telephone: 916-875-8406

Date of Government Version: 04/06/05 Date of Last EDR Contact: 08/26/05
Database Release Frequency: Quarterly Date of Next Scheduled EDR Contact: 10/31/05

ML - Regulatory Compliance Master List
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Any business that has hazardous materials on site - hazardous materials storage sites, underground storage tanks, waste generators.

Date of Government Version: 07/25/05 Date of Last EDR Contact: 08/05/05
Database Release Frequency: Quarterly Date of Next Scheduled EDR Contact: 10/31/05

SAN BERNARDINO COUNTY:

Hazardous Material Permits
Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 05/30/05 Date of Last EDR Contact: 06/06/05
Database Release Frequency: Quarterly Date of Next Scheduled EDR Contact: 09/05/05

SAN DIEGO COUNTY:

Solid Waste Facilities
Source: Department of Health Services
Telephone: 619-338-2209
San Diego County Solid Waste Facilities.

Date of Government Version: 09/01/00 Date of Last EDR Contact: 09/22/05
Database Release Frequency: Varies Date of Next Scheduled EDR Contact: 11/21/05

Hazardous Material Management Division Database
Source: Hazardous Materials Management Division
Telephone: 619-338-2268
The database includes: HE35 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE35 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 05/16/05 Date of Last EDR Contact: 07/08/05
Database Release Frequency: Quarterly Date of Next Scheduled EDR Contact: 10/03/05

SAN FRANCISCO COUNTY:

Local Oversight Facilities
Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920

Date of Government Version: 06/07/05 Date of Last EDR Contact: 06/09/05
Database Release Frequency: Quarterly Date of Next Scheduled EDR Contact: 09/05/05

Underground Storage Tank Information
Source: Department of Public Health
Telephone: 415-252-3920

Date of Government Version: 06/07/05 Date of Last EDR Contact: 06/09/05
Database Release Frequency: Quarterly Date of Next Scheduled EDR Contact: 09/05/05

SAN MATEO COUNTY:

Fuel Leak List
Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921

Date of Government Version: 03/11/05 Date of Last EDR Contact 07/11/05
Database Release Frequency: Semi-Annually Date of Next Scheduled EDR Contact: 10/10/05

Business Inventory
Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 03/17/05 Date of Last EDR Contact 07/11/05
Database Release Frequency: Annually Date of Next Scheduled EDR Contact: 10/10/05

SANTA CLARA COUNTY:

Fuel Leak Site Activity Report
Source: Santa Clara Valley Water District
Telephone: 408-265-2600

Date of Government Version: 03/29/05 Date of Last EDR Contact 06/29/05
Database Release Frequency: Semi-Annually Date of Next Scheduled EDR Contact: 09/26/05

Hazardous Material Facilities
Source: City of San Jose Fire Department
Telephone: 408-277-4659

Date of Government Version: 07/06/05 Date of Last EDR Contact 06/06/05
Database Release Frequency: Annually Date of Next Scheduled EDR Contact: 09/05/05

SOLANO COUNTY:

Leaking Underground Storage Tanks
Source: Solano County Department of Environmental Management
Telephone: 707-784-6770

Date of Government Version: 06/28/05 Date of Last EDR Contact 06/27/05
Database Release Frequency: Quarterly Date of Next Scheduled EDR Contact: 09/12/05

Underground Storage Tanks
Source: Solano County Department of Environmental Management
Telephone: 707-784-6770

Date of Government Version: 06/28/05 Date of Last EDR Contact 06/27/05
Database Release Frequency: Quarterly Date of Next Scheduled EDR Contact: 09/12/05

SONOMA COUNTY:

Leaking Underground Storage Tank Sites
Source: Department of Health Services
Telephone: 707-565-6565

Date of Government Version: 07/01/05 Date of Last EDR Contact 07/25/05
Database Release Frequency: Quarterly Date of Next Scheduled EDR Contact: 10/24/05

BUTTE COUNTY:

Underground Storage Tanks
Source: Butte County Department of Agriculture
Telephone: 530-822-7500

Date of Government Version: 01/25/04 Date of Last EDR Contact 07/18/05
Database Release Frequency: Semi-Annually Date of Next Scheduled EDR Contact: 10/03/05

VENTURA COUNTY:

Inventory of Illegal Abandoned and Inactive Sites
Source: Environmental Health Division
Telephone: 805-654-2813
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 03/01/04 Date of Last EDR Contact 05/23/05
Database Release Frequency: Annually Date of Next Scheduled EDR Contact: 08/22/05

Listing of Underground Tank Cleanup Sites
Source: Environmental Health Division
Telephone: 805-654-2813
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/01/05 Date of Last EDR Contact 06/17/05
Database Release Frequency: Quarterly Date of Next Scheduled EDR Contact: 09/12/05

Underground Tank Closed Sites List
Source: Environmental Health Division
Telephone: 805-654-2813
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 07/05/05 Date of Last EDR Contact 07/15/05
Database Release Frequency: Quarterly Date of Next Scheduled EDR Contact: 10/10/05

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks
Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 05/01/05 Date of Last EDR Contact 06/17/05
Database Release Frequency: Quarterly Date of Next Scheduled EDR Contact: 09/12/05

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report
Source: Yolo County Department of Health
Telephone: 530-666-8646

Date of Government Version: 07/15/05 Date of Last EDR Contact 07/18/05
Database Release Frequency: Annually Date of Next Scheduled EDR Contact: 10/17/05

EDR PROPRIETARY HISTORICAL DATABASES

EDR Historical Gas Station and Dry Cleaners: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner and gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning and gas station/filling station/service station establishments. The categories reviewed included, but were not limited to: *gas, gas station; gasoline station; filling station; auto, automobile repair; auto service station; service station; dry cleaner, cleaners, laundry, laundromat, cleaning/laundry, wash &/or dry, etc.*

This information is meant to assist and complement environmental professionals in their conduct of environmental site assessments, and is not meant to be a substitute for a full Historical Investigation as defined in ASTM E1527. The information provided in this proprietary database may or may not be complete; i.e., the absence of a dry cleaner or gas station/filling station/service station site does not necessarily mean that such a site did not exist in the area covered by this report.

(And on "dry cleaning" sites, it is not possible for EDR to differentiate between establishments that use PERC on-site as a cleaning solvent and sites that function simply as drop-off and pick-up locations or that are traditional "wet cleaning/laundry facilities. Therefore, it is essential for environmental professionals to incorporate professional judgment in the evaluation of each site.)

Former Manufactured Gas (Coal Gas) Sites: The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. ©Copyright 1998 Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative.

Disclaimer Provided by: Real Property Scan, Inc.

The information contained in this report has predominantly been obtained from publicly available sources produced by entities other than Real Property Scan. While reasonable steps have been taken to insure the accuracy of this report, Real Property Scan does not guarantee the accuracy of this report. Any liability on the part of Real Property Scan is strictly limited to a refund of the amount paid. No claim is made for the actual existence of toxins at any site. This report does not constitute a legal opinion.

BROWNFIELDS DATABASE

US BROWNFIELDS: A Listing of Brownfields Sites
Source: Environmental Protection Agency
Telephone: 202-566-2777
Included in the listing are brownfields properties addressed by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments- EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian Tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 01/10/05 — Date of Last EDR Contact: 05/13/05
Database Release Frequency: Semi-Annually — Date of Next Scheduled EDR Contact: 08/12/05

VCP: Voluntary Cleanup Program Properties
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 03/03/05 — Date of Last EDR Contact: 03/29/05
Database Release Frequency: Quarterly — Date of Next Scheduled EDR Contact: 11/28/05

US INST CONTROL: Sites with Institutional Controls
Source: Environmental Protection Agency
Telephone: 703-603-8867
A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 01/10/05 — Date of Last EDR Contact: 07/05/05
Database Release Frequency: Varies — Date of Next Scheduled EDR Contact: 10/03/05

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data
Source: PennWell Corporation
Telephone: (800) 823-6277
This map includes information copyrighted by PennWell Corporation. This information is provided on an 'as is' basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 from the U.S. Fish and Wildlife Service.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STREET AND ADDRESS INFORMATION

© 2004 Geographic Data Technology, Inc., Rel. 07/2004. This product contains proprietary and confidential property of Geographic Data Technology, Inc. Unauthorized use, including copying for other than testing and standard backup procedures, of this product is expressly prohibited.

GEOCHECK®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

AMERIPRIDE SERVICES INC.
3505 PASADENA AVENUE
LOS ANGELES, CA 90031

TARGET PROPERTY COORDINATES

Latitude (North):	34.083800 - 34° 5' 0.9"
Longitude (West):	118.213097 - 118° 12' 47.1"
Universal Transverse Mercator:	Zone 11
UTM X (Meters):	388079.9
UTM Y (Meters):	3772138.8
Elevation:	366 ft. above sea level

EDR's GeoCheck Physical Setting Source Addendum has been developed to assist the environmental professional with the collection of physical setting source information in accordance with ASTM 1527-00, Section 7.2.3. Section 7.2.3 requires that a current USGS 7.5 Minute Topographic Map (or equivalent, such as the USGS Digital Elevation Model) be reviewed. It also requires that one or more additional physical setting sources be sought when (1) conditions have been identified in which hazardous substances or petroleum products are likely to migrate to or from the property, and (2) more information than is provided in the current USGS 7.5 Minute Topographic Map (or equivalent) is generally obtained, pursuant to local good commercial or customary practice, to assess the impact of migration of recognized environmental conditions in connection with the property. Such additional physical setting sources generally include information about the topographic, hydrologic, hydrogeologic, and geologic characteristics of a site, and wells in the area.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata. EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

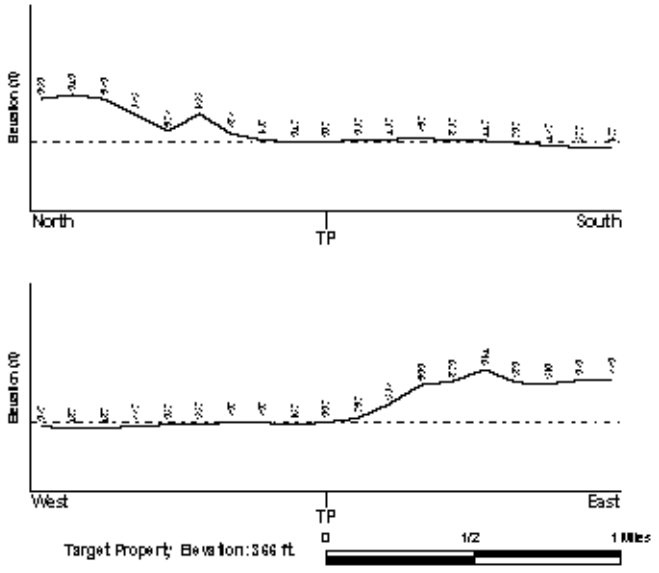
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

USGS Topographic Map:	34118-A2 LOS ANGELES, CA
General Topographic Gradient:	General West
Source:	USGS 7.5 min quad index

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County	FEMA Flood Electronic Data
LOS ANGELES, CA	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property:	0601370066C
Additional Panels in search area:	0601370057C

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
LOS ANGELES	Not Available

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data:*

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
1	1/2 - 1 Mile SSW	Not Reported

For additional site information, refer to Physical Setting Source Map Findings.

* [illegible]

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soils strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

GEOLOGIC AGE IDENTIFICATION

Era: Cenozoic
System: Quaternary
Series: Quaternary
Code: Q *(decoded above as Era, System & Series)*

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: HAMBRIGHT

Soil Surface Texture: gravelly - loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Well drained. Soils have intermediate water holding capacity. Depth to water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: MODERATE

Depth to Bedrock Min: > 10 inches

Depth to Bedrock Max: > 20 inches

Soil Layer Information

	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	7 inches	gravelly - loam	Silt-Clay Materials (more than 35 pct. passing No. 200, Silty Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 2.00 Min: 0.60	Max: 7.30 Min: 6.10
2	7 inches	16 inches	very gravelly - loam	Granular materials (35 pct. or less passing No. 200, Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel. COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel.	Max: 2.00 Min: 0.60	Max: 7.30 Min: 6.10
3	16 inches	20 inches	unweathered bedrock	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: loam
silty clay loam
silaly - clay loam
sandy loam
loamy sand
clay
clay loam

Surficial Soil Types: loam
silty clay loam
silaly - clay loam
sandy loam
loamy sand
clay
clay loam

Shallow Soil Types: silty clay

Deeper Soil Types: weathered bedrock
clay loam

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

According to ASTM E 1527-00, Section 7.2.2, "one or more additional state or local sources of environmental records may be checked, in the discretion of the environmental professional, to enhance and supplement federal and state sources... Factors to consider in determining which local or additional state records, if any, should be checked include (1) whether they are reasonably ascertainable, (2) whether they are sufficiently useful, accurate, and complete in light of the objectives of the records review (see 7.1.1), and (3) whether they are obtained, pursuant to local, good commercial or customary practice." One of the record sources listed in Section 7.2.2 is water well information. Water well information can be used to assist the environmental professional in assessing sources that may impact groundwater flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

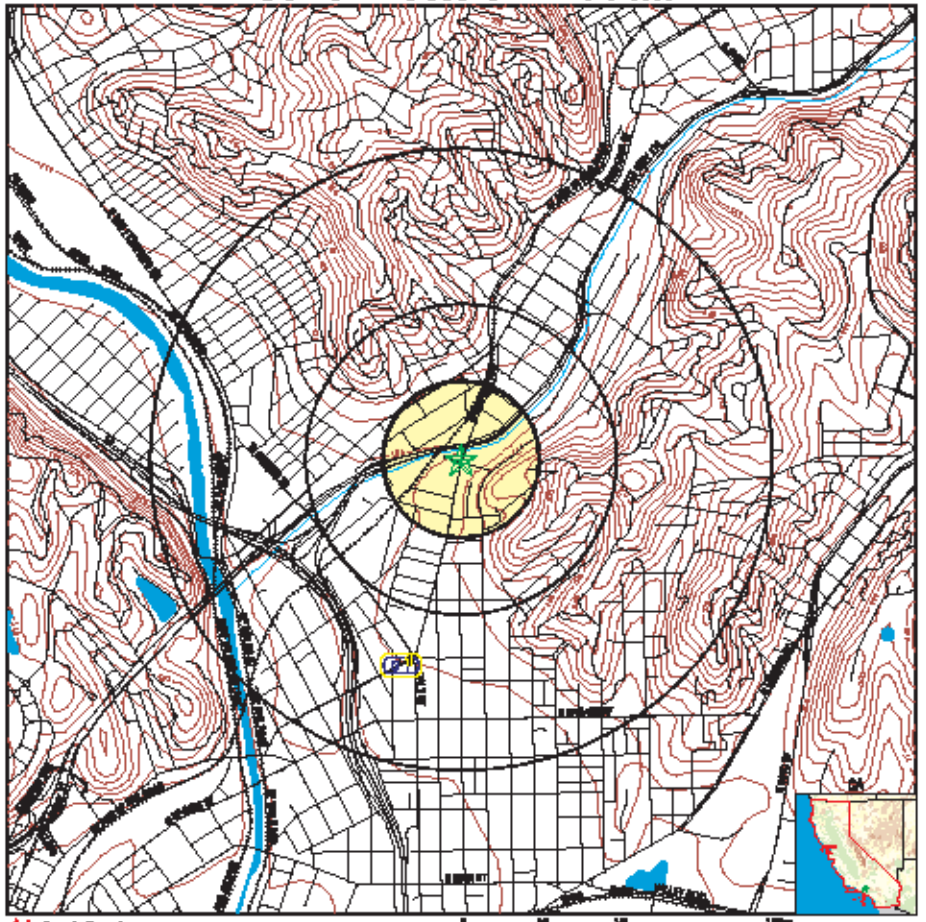
MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

PHYSICAL SETTING SOURCE MAP - 01519350.2r



TARGET PROPERTY:	Amerigas Services Inc.	CUSTOMER:	EA&R Consulting & Engineering
ADDRESS:	3505 Pasadena Avenue	CONTACT:	Will Glenn
CITY/STATE/ZIP:	Los Angeles CA 90031	INQUIRY #:	01519350.2r
LAT/LONG:	34.0858 / 118.2121	DATE:	September 27, 2005 7:46 am

Copyright © 2005 EDR, Inc. © 2004 TELE Atlas, Inc. All rights reserved.

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
1 SSW 1/2 - 1 Mile Lower	Site ID:	90005C0061		
	Groundwater Flow:	Not Reported	AQUIFLOW	66212
	Shallow Water Depth:	8.37		
	Deep Water Depth:	12		
	Average Water Depth:	Not Reported		
	Date:	03/07/1995		

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zip	Total Sites	> 4 Pci/L	Pct. > 4 Pci/L
90031	8	0	0.00

Federal EPA Radon Zone for LOS ANGELES County: 2

Note: Zone 1 Indoor average level > 4 pCi/L.
: Zone 2 Indoor average level >= 2 pCi/L and <= 4 pCi/L
: Zone 3 Indoor average level < 2 pCi/L.

Federal Area Radon Information for LOS ANGELES COUNTY, CA

Number of sites tested: 63

Area	Average Activity	% < 4 pCi/L	% 4-20 pCi/L	% > 20 pCi/L
Living Area - 1st Floor	0.711 pCi/L	98%	2%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	0.933 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002. 7.5-Minute DEMs correspond to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STATE RECORDS

California Drinking Water Quality Database
Source: Department of Health Services
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

California Oil and Gas Well Locations for District 2, 3, 6 and 8
Source: Department of Conservation
Telephone: 916-323-1779

RADON

State Database: CA Radon
Source: Department of Health Services
Telephone: 916-324-2208
Radon Database for California

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

EDR Offsite Receptor Report

Ameripride Services Inc.
3505 Pasadena Avenue
Los Angeles, CA 90031

Inquiry Number: 01519350.7r

September 27, 2005

The Standard in Environmental Risk Management Information

440 Wheelers Farms Road
Milford, Connecticut 06460

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

TABLE OF CONTENTS

SECTION	PAGE
Executive Summary	2
Census Map	3
Census Findings	4
Receptor Map	5
Map Findings	6
Records Searched/Data Currency Tracking Addendum	11

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2005 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

EXECUTIVE SUMMARY

A search of available records was conducted by Environmental Data Resources, Inc. (EDR). The EDR Offsite Receptor Report provides information which may be used to comply with the Clean Air Act Risk Management Program 112-R. *"The rule requires that you estimate in the RMP residential populations within the circle defined by the endpoint for your worst-case and alternative release scenarios (i.e., the center of the circle is the point of release and the radius is the distance to the endpoint). In addition, you must report in the RMP whether certain types of public receptors and environmental receptors are within the circles."*

The address of the subject property, for which the search was intended, is:

AMERIPRIDE SERVICES INC.
3505 PASADENA AVENUE
LOS ANGELES, CA 90031

Distance Searched: 1.000 miles from subject property

RECEPTOR SUMMARY
An X indicates the presence of the receptor within the search radius.

Residential Population
Estimated population within search radius: 31368 persons.

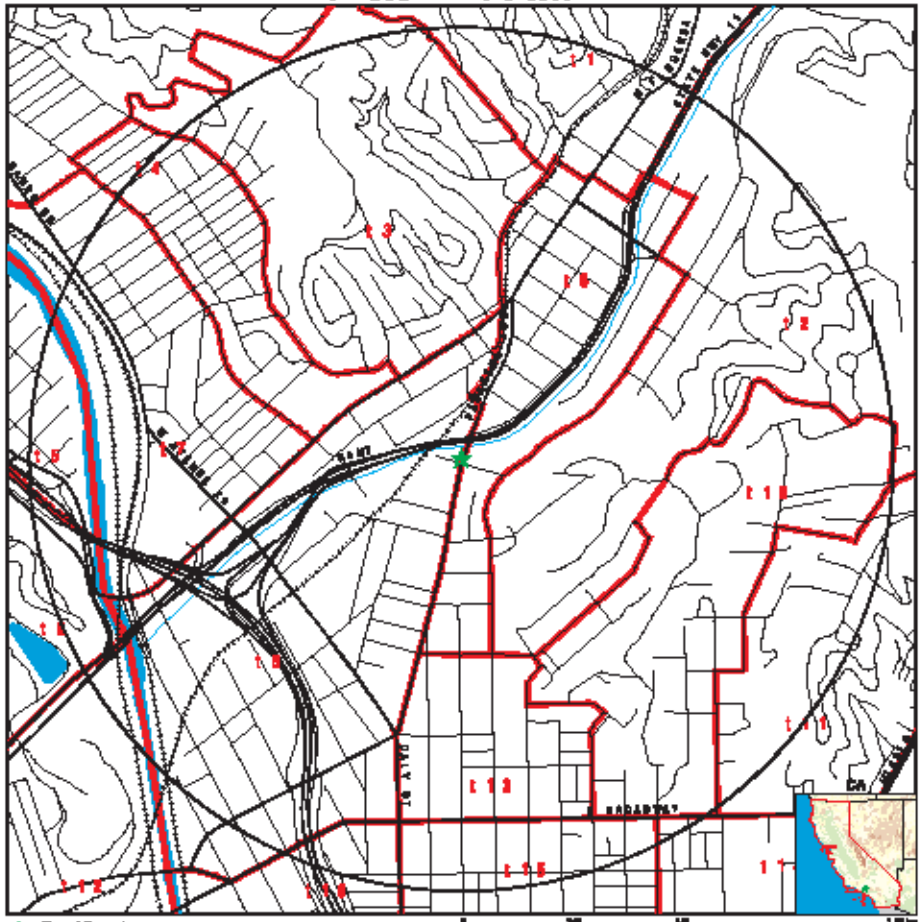
Other Public Receptors

Type	Within Search Radius	Sites Total
Day Care Centers:	☒	8
Medical Centers:	☐	
Nursing Homes:	☒	1
Schools:	☒	17
Hospitals:	☐	
Colleges:	☐	
Airstrip:	☐	
Prison:	☐	

Environmental Receptors

Type	Within Search Radius	Sites Total
Federal Land:	☐	

CENSUS MAP - 01519350.7r



TARGET PROPERTY:	Ameripride Services Inc.	CUSTOMER:	EA&R Consulting & Engineering
ADDRESS:	3505 Pasadena Avenue	CONTACT:	Will Glenn
CITY/STATE/ZIP:	Los Angeles CA 90031	INQUIRY #:	01519350.7r
LAT/LONG:	34.0858 / 118.2131	DATE:	September 27, 2005 @ 10:am

Copyright © 2005 EDR, Inc. © 2004 TomTom, Inc. Rel. 10/2004. All rights reserved.

CENSUS FINDINGS

Map ID	Tract Number	Total Population	Population In Radius	Total Area (sq mi)	Area In Radius (sq mi)
T1	1851.00	6159	899.1	0.87	0.13
T2	1993.00	4028	1810.6	1.01	0.45
T3	1852.02	3827	3425.6	0.46	0.42
T4	1853.10	3364	2936.5	0.16	0.14
T5	1972.00	4979	385.6	0.65	0.05
T6	1994.00	4956	4956.0	0.27	0.27
T7	1853.20	3186	2632.7	0.34	0.28
T8	1990.00	3641	3419.5	0.60	0.57
T9	1971.10	586	23.4	1.05	0.04
T10	1992.02	3164	3155.4	0.36	0.36
T11	1991.10	2751	1076.8	0.35	0.14
T12	2060.10	3276	88.6	0.63	0.02
T13	1992.01	4444	4444.0	0.15	0.15
T14	1991.20	3561	33.4	0.36	0.00
T15	1998.00	5697	1845.6	0.25	0.08
T16	1997.00	3298	234.5	0.37	0.03

RECEPTOR MAP - 01519359.7r

TARGET PROPERTY:	Ameripride Services Inc.	CUSTOMER:	EA&R Consulting & Engineering
ADDRESS:	3505 Pasadena Avenue	CONTACT:	Will Elam
CITY/STATE/ZIP:	Los Angeles CA 90031	INQUIRY #:	01519359.7r
LAT/LONG:	34.08558 / 118.2121	DATE:	September 27, 2005 2:16 pm

Copyright © 2005 EDR, Inc. © 2004 TELE Atlas, Inc. All rights reserved.

MAP FINDINGS

Map ID / Direction / Distance / Distance (ft.) / Elevation	Site		EDR ID / Database
1 SE 0-1/8 mi 246 Higher	Name: ID: Site Type: Latitude: Longitude:	Hillside Elementary School 243481 school 34.08500 -118.20000	GNS0190883 GNIS Schools
2 WNW 1/8-1/4 mi 1217 Higher	Name: NCES ID: Address: Telephone: Local Code: School Type: School Level: Lowest Grade: Highest Grade:	LORETO STREET ELEMENTARY 06227 1003148 3408 ARROYO SECO AVE. LOS ANGELES, CA 90065 3232225176 Large Central City Regular Elementary and Secondary Schools Primary Kindergarten 05	PBS06227 1003148 Public Schools
3 West 1/4-1/2 mi 1794 Higher	Name: NCES ID: Address: Telephone: Local Code: School Type: School Level: Lowest Grade: Highest Grade:	NIGHTINGALE (FLORENCE) MIDDLE 06227 1003215 3311 N. FIGUEROA ST. LOS ANGELES, CA 90065 3232212128 Large Central City Regular Elementary and Secondary Schools Middle 06 08	PBS06227 1003215 Public Schools
4 WNW 1/4-1/2 mi 1969 Higher	Name: ID: Site Type: Latitude: Longitude:	Nightingale Middle School 246541 school 34.08700 -118.20000	GNS0210546 GNIS Schools
5 South 1/4-1/2 mi 2394 Higher	Name: Address: City: State: Zip:	AVENUE 28 HEAD START/STATE PRESCHOOL Not Reported Not Reported CA Not Reported	DAY1039665 Daycare

MAP FINDINGS

Map ID / Direction / Distance / Distance (ft.) / Elevation	Site		EDR ID / Database
6 WNW 1/4-1/2 mi 2485 Higher	School Id: Address: County num: State: Zip5: Phone: High de: Locale: School type: School level: Affiliation: Association:	00068998 624 CYPRESS AVE 6037 CA 90065 323-222-6077 Grade 8 Large Central City Regular elementary or secondary Elementary Roman Catholic National Catholic Educational Association (NCEA)	Name: City: County: Fips: Zip4: Low grade: Gender: DIVINE SAVIOUR SCHOOL LOS ANGELES LOS ANGELES 6 Not Reported Kindergarten Coed	PVTSCH00068998 Private Schools
7 WNW 1/2-1 mi 3010 Higher	Name: ID: Site Type: Latitude: Longitude:	Divine Saviour School 241513 school 34.08800 -118.20000		GNS0177855 GNIS Schools
8 South 1/2-1 mi 3053 Higher	Name: Address: City: State: Zip:	SALVATION ARMY BOOTH MEMORIAL CENTER, THE Not Reported Not Reported CA Not Reported		DAY1039676 Daycare
9 ENE 1/2-1 mi 3405 Higher	Name: NCES ID: Address: Telephone: Local Code: School Type: School Level: Lowest Grade: Highest Grade:	LATONA AVENUE ELEMENTARY 06227 1003126 4312 BERENICE AVE. LOS ANGELES, CA 90031 3232215148 Large Central City Regular Elementary and Secondary Schools Primary Kindergarten 05		PBS06227 1003126 Public Schools
10 NE 1/2-1 mi 3451 Higher	School Id: Address: County num: State: Zip5: Phone: High de: Locale: School type: School level: Affiliation: Association:	A9700540 333 E. AVENUE 43 6037 CA 90031 323-222-2310 Grade 12 Large Central City Regular elementary or secondary Combined Baptist Accelerated Christian Education (ACE) or (School of Tomorrow)	Name: City: County: Fips: Zip4: Low grade: Gender: MONTECITO PARK BAPTIST LOS ANGELES LOS ANGELES 6 Not Reported Kindergarten Coed	PVTSCHA9700540 Private Schools

MAP FINDINGS

Map ID / Direction / Distance / Distance (ft.) / Elevation	Site		EDR ID / Database
11 NNE 1/2-1 mi 3717 Higher	Name: Address: City: State: Zip:	SYCAMORE PARK EARLY EDUCATION CENTER Not Reported Not Reported CA Not Reported	DAY1039661 Daycare
12 South 1/2-1 mi 3834 Higher	Name: Address: City: State: Zip:	RAINBOW HEAD START Not Reported Not Reported CA Not Reported	DAY1039696 Daycare
13 NE 1/2-1 mi 3895 Higher	Name: ID: Site Type: Latitude: Longitude:	Latona Avenue School 244647 school 34.09200 -118.20000	GNIS0199089 GNIS Schools
14 East 1/2-1 mi 3924 Higher	Name: NCES ID: Address: Telephone: Local Code: School Type: School Level: Lowest Grade: Highest Grade:	GLEN ALTA ELEMENTARY 06227 1003044 3410 SIERRA ST. LOS ANGELES, CA 90031 3232231195 Large Central City Regular Elementary and Secondary Schools Primary Kindergarten 06	PBS06227 1003044 Public Schools
15 WNW 1/2-1 mi 4094 Lower	Name: Address: City: State: Zip:	CYPRESS PARK HEAD START Not Reported Not Reported CA Not Reported	DAY1039696 Daycare
16 East 1/2-1 mi 4123 Higher	Name: ID: Site Type: Latitude: Longitude:	Glen Alta Elementary School 242729 school 34.08500 -118.20000	GNIS0186099 GNIS Schools
A17 SSE 1/2-1 mi 4622 Higher	Name: Address: City: State: Zip:	LITTLE FLOWER MISSIONARY HOUSE Not Reported Not Reported CA Not Reported	DAY1039701 Daycare

MAP FINDINGS

Map ID / Direction / Distance / Distance (ft.) / Elevation	Site		EDR ID / Database
18 SE 1/2-1 mi 4534 Higher	Name: NCES ID: Address: Telephone: Local Code: School Type: School Level: Lowest Grade: Highest Grade:	PUEBLO DE LOS ANGELES CONTINUA 06227 1003292 2506 ALTA ST. LOS ANGELES, CA 90031 3232233258 Large Central City Other High 09 12	PBS06227 1003292 Public Schools
A19 SSE 1/2-1 mi 4711 Higher			PVTSCHK9000125 Private Schools
	SchoolId: Address: County num: State: Zip5: Phone: Higrde: Locale: School type: School level: Affiliation: Association:	K9000125 2434 GATES STREET 6037 CA 90031 323-221-9248 Kindergarten Large Central City Early Childhood Program/Day Care Center Elementary Roman Catholic Other Religious School Association (6)	Name: City: County: Fips: Zip4: Low grade: Gender: LITTLE FLOWER MISSIONARY HOUSE LOS ANGELES LOS ANGELES 6 Not Reported Pre-kindergarten Coed
B20 NW 1/2-1 mi 4842 Higher	Name: NCES ID: Address: Telephone: Local Code: School Type: School Level: Lowest Grade: Highest Grade:	ARAGON AVENUE ELEMENTARY 06227 1002821 1118 ARAGON AVE. LOS ANGELES, CA 90065 3232251573 Large Central City Regular Elementary and Secondary Schools Primary Kindergarten 05	PBS06227 1002821 Public Schools
21 SE 1/2-1 mi 4853 Higher	Name: ID: Site Type: Latitude: Longitude:	Abraham Lincoln High School 244310 school 34.07500 -118.20000	GNIS0157127 GNIS Schools
B22 NW 1/2-1 mi 4936 Higher	Name: ID: Site Type: Latitude: Longitude:	Aragon Avenue Elementary School 238571 school 34.09500 -118.20000	GNIS0199099 GNIS Schools

MAP FINDINGS

Map ID Direction Distance Distance (ft.) Elevation	Site				EDR ID Database
23 NNE 1/2-1 mi 5165 Higher	Program: Street: State: Phone: Num Beds: Occupied %: Owner Type: Multi Nursing Home ownership?: YES Has Resident and Family Councils?: BOTH	DSS163 4585 N FIGUEROA STREET CA 3232233441 90 87 For profit - Corporation	Name: City: Zipcode: Last Insp: Num Residents: Description: Within Hosp?:	SYCAMORE PARK CONVALESCENT HOSPITAL LOS ANGELES 90065 20010803 78 Participating in Medicare and Medicaid NO	SRNHDS5163 Nursing Homes
24 SSW 1/2-1 mi 5202 Lower	Name: Address: City: State: Zip:	JARDIN DE NINOS INFANT CARE CENTER Not Reported Not Reported CA Not Reported			DAY1039720 Daycare
25 NW 1/2-1 mi 5230 Higher	Name: Address: City: State: Zip:	KEDREN HEAD START-CYPRESS PARK 1 Not Reported Not Reported CA Not Reported			DAY1039566 Daycare
26 SSE 1/2-1 mi 5247 Higher	Name: ID: Site Type: Latitude: Longitude:	Gates Elementary School 242647 school 34.07300 -118.20000			GNS0185511 GNIS Schools

RECORDS SEARCHED/DATA CURRENCY TRACKING

Census
Source: U.S. Census Bureau
Telephone: 301-457-4100
2000 U.S. Census data was used to estimate residential population following these EPA guidelines:
"Census data are presented by Census tract. If your circle covers only a portion of the tract, you should develop an estimate for that portion...Determine the population density per square mile (total population of the Census tract divided by the number of square miles in the tract) and apply that density figure to the number of square miles within your circle."

FED_LAND: Federal Lands
Source: USGS
Telephone: 888-275-8747
Federal lands data. Includes data from several Federal land management agencies, including Fish and Wildlife Service, Bureau of Land Management, National Park Service, and Forest Service. Includes National Parks, Forests, Monuments; Wildlife Sanctuaries, Preserves, Refuges; Federal Wilderness Areas.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-6991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

GNIS Hospitals: Geographic Names Information System
Source: USGS
Telephone: 888-275-8747
The Geographic Names Information System (GNIS), developed by the USGS in cooperation with the U.S. Board on Geographic Names (BGN), contains information about almost 2 million physical and cultural geographic features in the United States. The GNIS is our Nation's official repository of domestic geographic names information.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Colleges - Integrated Postsecondary Education Data
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on integrated postsecondary education in the United States.

GNIS Schools: Geographic Names Information System
Source: USGS
Telephone: 888-275-8747
The Geographic Names Information System (GNIS), developed by the USGS in cooperation with the U.S. Board on Geographic Names (BGN), contains information about almost 2 million physical and cultural geographic features in the United States. The GNIS is our Nation's official repository of domestic geographic names information.

RECORDS SEARCHED/DATA CURRENCY TRACKING

Arenas
Source: Dunhill International
EDR indicates the location of buildings and facilities - arenas - where individuals who are public receptors are likely to be located.

Prisons : Bureau of Prisons Facilities
Source: Federal Bureau of Prisons
Telephone: 202-307-3198
List of facilities operated by the Federal Bureau of Prisons.

Day care Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

ENSR

APPENDIX E
EDR HISTORICAL AERIAL PHOTOGRAPHS

The EDR Aerial Photo Decade Package

Ameripride Services Inc.
3505 Pasadena Avenue
Los Angeles, CA 90031

Inquiry Number: 1519350.6

September 28, 2005

EDR Environmental Data Resources Inc

The Standard in Environmental Risk Management Information

440 Wheelers Farms Road
Milford, Connecticut 06460

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

Environmental Data Resources, Inc.
Aerial Photography Print Service

Environmental Data Resources, Inc.'s (EDR) Aerial Photography Print Service is a screening tool designed to assist professionals in evaluating potential liability on a target property resulting from past activities. ASTM E 1527-00, Section 7.3 on Historical Use Information, identifies the prior use requirements for a Phase I environmental site assessment. The ASTM standard requires a review of *reasonably ascertainable standard historical sources. Reasonably ascertainable means information that is publicly available, obtainable from a source with reasonable time and cost constraints, and practically reviewable.*

To meet the prior use requirements of ASTM E 1527-00, Section 7.3.4, the following *standard historical sources* may be used: aerial photographs, fire insurance maps, property tax files, land title records (although these cannot be the sole historical source consulted), topographic maps, city directories, building department records, or zoning/land use records. ASTM E 1527-00 requires *"All obvious uses of the property shall be identified from the present, back to the property's obvious first developed use, or back to 1940, whichever is earlier. This task requires reviewing only as many of the standard historical sources as are necessary, and that are reasonably ascertainable and likely to be useful."* (ASTM E 1527-00, Section 7.3.2, page 12.)

Aerial Photographs

When delivered electronically by EDR, the aerial photo images included with this report are for ONE TIME USE ONLY. Further reproduction of these aerial photo images is prohibited without permission from EDR. For more information contact your EDR Account Executive.

Aerial photographs are a valuable historical resource for documenting past land use and can be particularly helpful when other historical sources (such as city directories or fire insurance maps) are not reasonably ascertainable. The EDR Aerial Photograph Print Service includes a search of local aerial photograph collections flown by public and private agencies. EDR's professional field-based researchers provide digitally reproduced historical aerial photographs at ten year intervals.

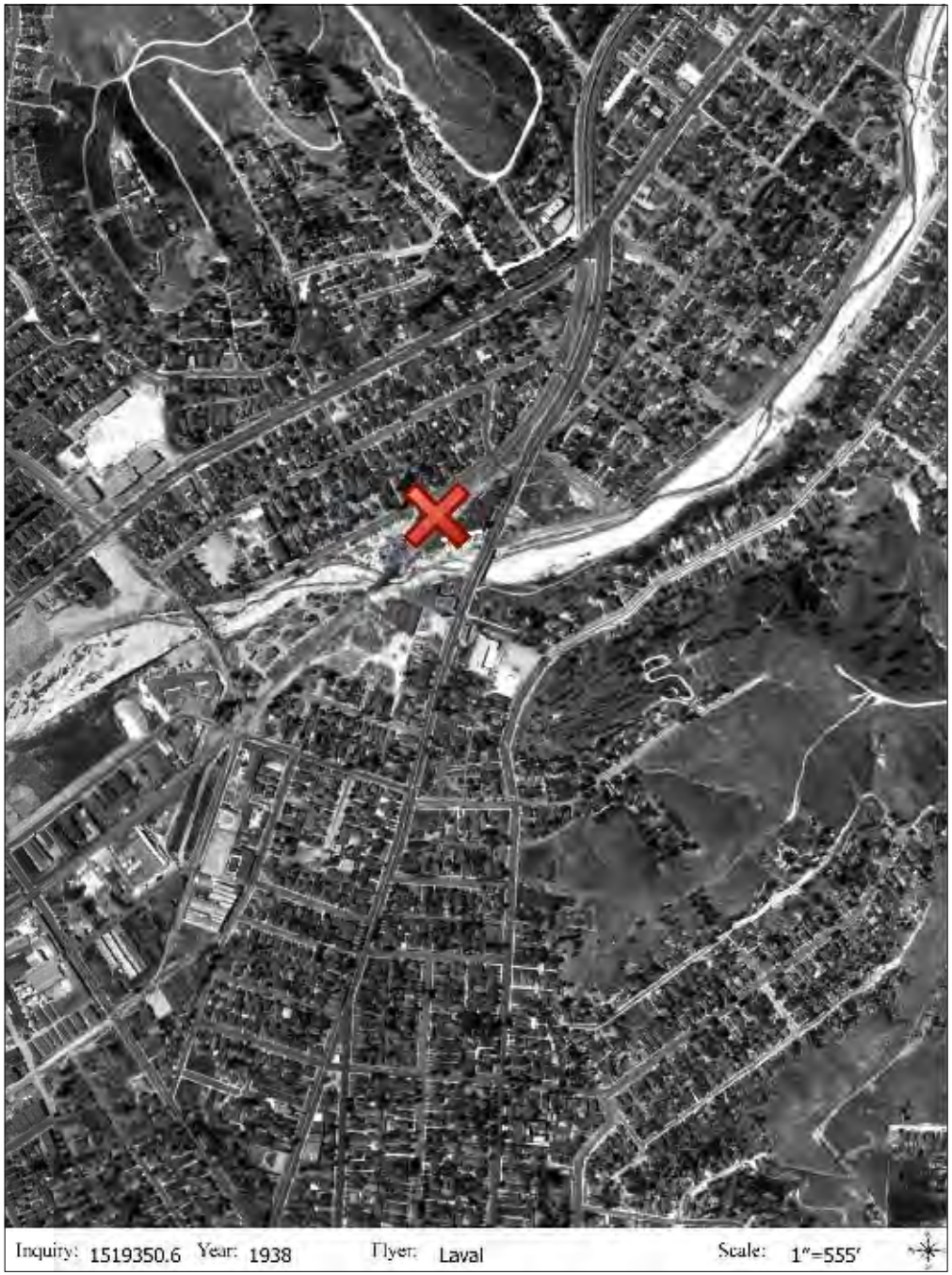
Please call Environmental Data Resources, Inc. Nationwide Customer Service at
1-800-352-0050 (8am-8pm ET)
with questions or comments about your report.
Thank you for your business!

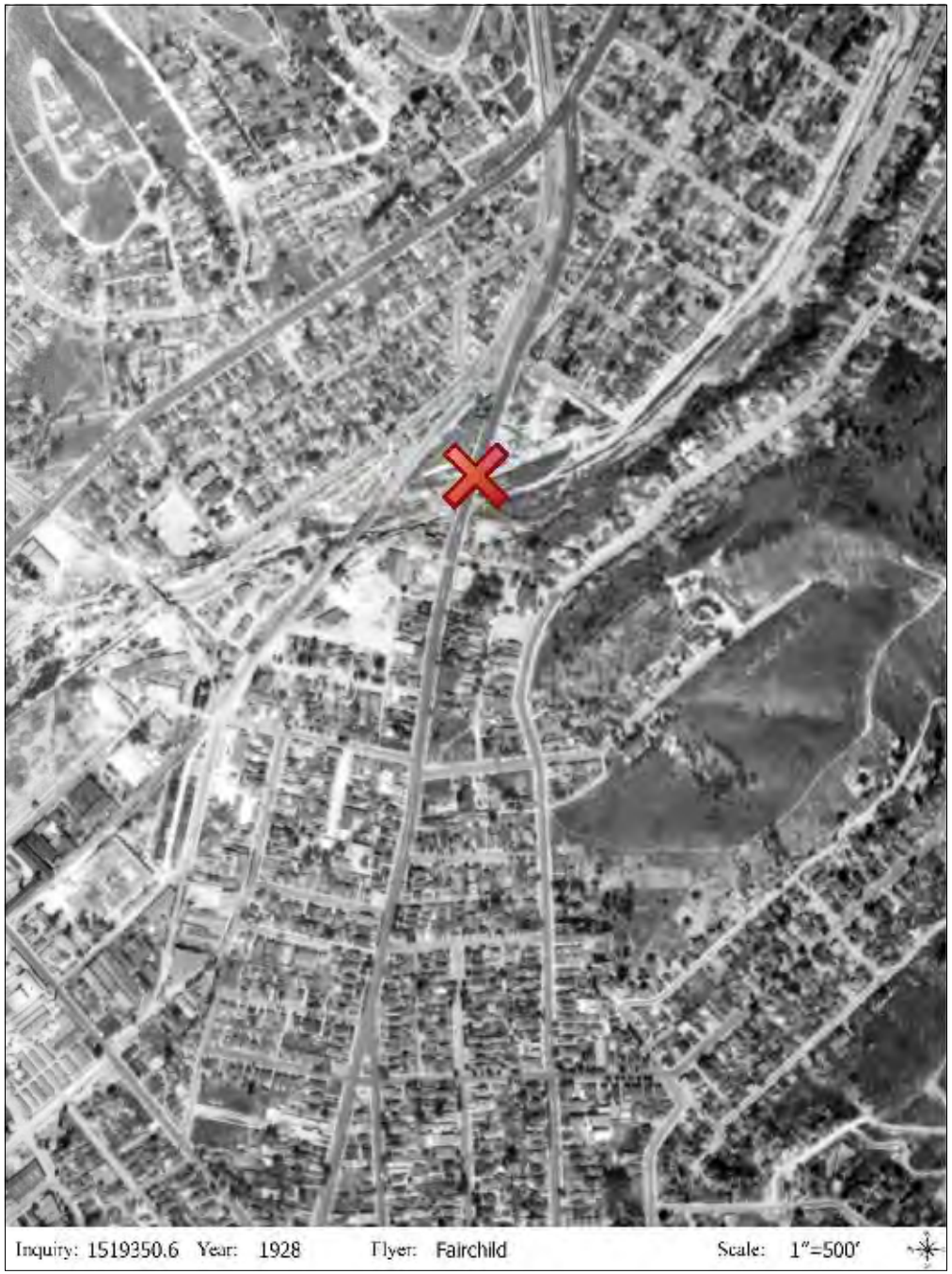
Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OR DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY OF THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IN STRICT LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be relied on to provide, any advice regarding the presence of, or the potential for, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2005 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any medium or format, in whole or in part, of any report or map of Environmental Data Resources, Inc. or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.


Inquiry: 1519350.6 Year: 1938 Flyer: Laval Scale: 1"=555'


Inquiry: 1519350.6 Year: 1928 Flyer: Fairchild Scale: 1"=500'

Inquiry: 1519350.6 Year: 1947 Flyer: Fairchild Scale: 1"=666'

Inquiry: 1519350.6 Year: 1956 Flyer: Fairchild Scale: 1"=400'

Inquiry: 1519350.6 Year: 1965 Flyer: Fairchild Scale: 1"=666'

Inquiry: 1519350.6 Year: 1976 Flyer: Teledyne Scale: 1"=666'

Inquiry: 1519350.6 Year: 1994 Flyer: USGS Scale: 1"=666'

Inquiry: 1519350.6 Year: 2002 Flyer: USGS Scale: 1"=666'

APPENDIX F
HISTORIC TOPOGRAPHIC MAPS

EDR Historical Topographic Map Report

Ameripride Services Inc.
3595 Pasadena Avenue
Los Angeles, CA 90031

Inquiry Number: 1579350.4

September 27, 2005

EDR® Environmental Data Resources Inc

The Standard in Environmental Risk Management Information

440 Wheelers Farms Road
Milford, Connecticut 06460

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

EDR Historical Topographic Map Report

Environmental Data Resources, Inc.'s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property, and its surrounding area, resulting from past activities. ASTM E 1527-00, Section 7.3 on Historical Use Information, identifies the prior use requirements for a Phase I environmental site assessment. The ASTM standard requires a review of *reasonably ascertainable standard historical sources. Reasonably ascertainable is defined as information that is publicly available, obtainable from a source with reasonable time and cost constraints, and practically reviewable.* To meet the prior use requirements of ASTM E 1527-00, Section 7.3.4, the following *standard historical sources* may be used: aerial photographs, city directories, fire insurance maps, topographic maps, property tax files, land title records (although these cannot be the sole historical source consulted), building department records, or zoning/land use records. ASTM E 1527-00 requires *"All obvious uses of the property shall be identified from the present, back to the property's obvious first developed use, or back to 1940, whichever is earlier. This task requires reviewing only as many of the standard historical sources as are necessary, and that are reasonably ascertainable and likely to be useful."* (ASTM E 1527-00, Section 7.3.2 page 12.)

EDR's Historical Topographic Map Report includes a search of available public and private color historical topographic map collections.

Topographic Maps
A topographic map (topo) is a color coded line-and-symbol representation of natural and selected artificial features plotted to a scale. Topos show the shape, elevation, and development of the terrain in precise detail by using contour lines and color coded symbols. Many features are shown by lines that may be straight, curved, solid, dashed, dotted, or in any combination. The colors of the lines usually indicate similar classes of information. For example, topographic contours (brown); lakes, streams, irrigation ditches, etc. (blue); and grids and important roads (red); secondary roads and trails, railroads, boundaries, etc. (black); and features that have been updated using aerial photography but not field verified, such as disturbed land areas (e.g. gravel pits) and newly developed water bodies (purple).

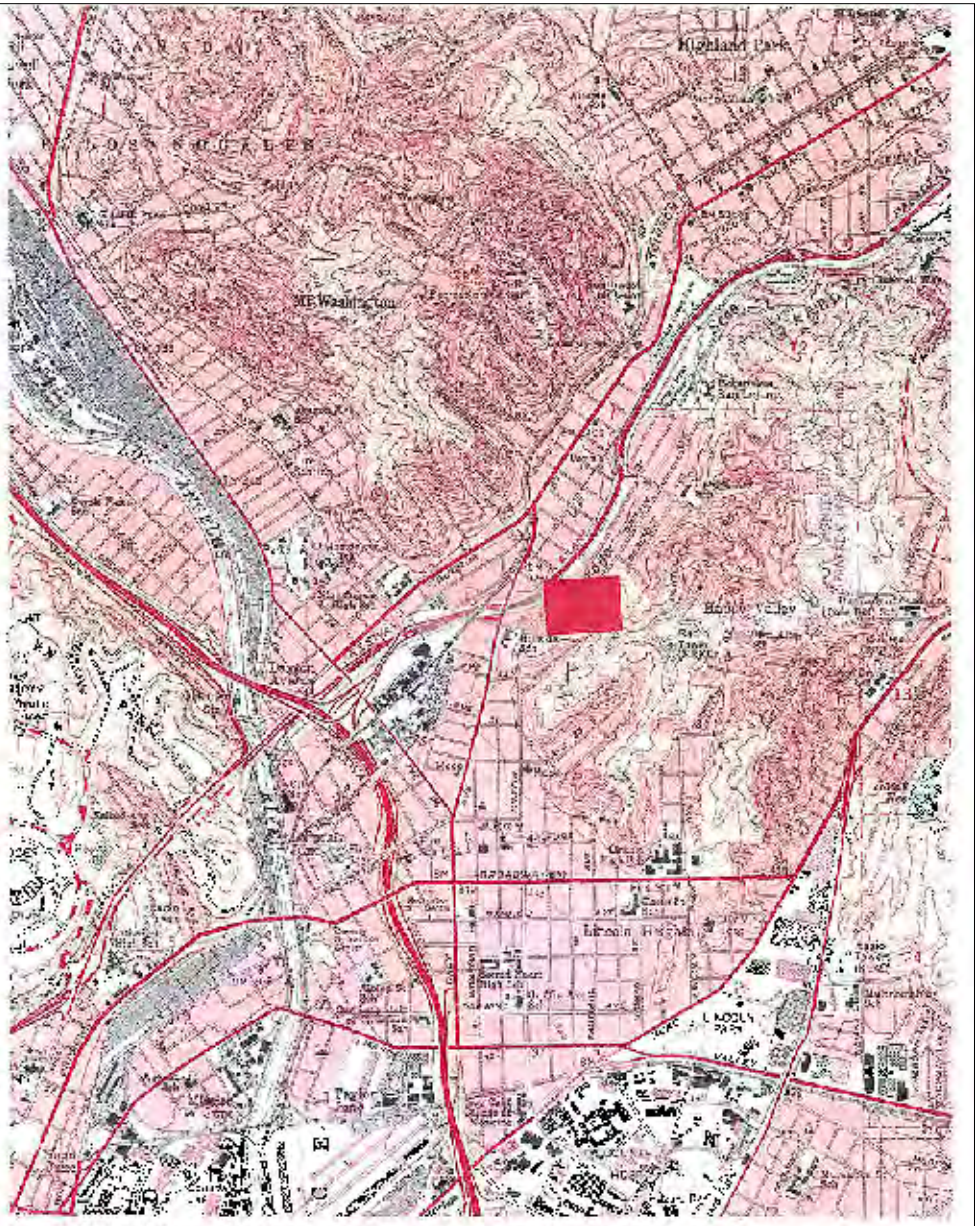
For more than a century, the USGS has been creating and revising topographic maps for the entire country at a variety of scales. There are about 60,000 U.S. Geological Survey (USGS) produced topo maps covering the United States. Each map covers a specific quadrangle (quad) defined as a four-sided area bounded by latitude and longitude. Historical topographic maps are a valuable historical resource for documenting the prior use of a property and its surrounding area, and due to their frequent availability can be particularly helpful when other standard historical sources (such as city directories, fire insurance maps, or aerial photographs) are not reasonably ascertainable.

Disclaimer - Copyright and Trademark Notice

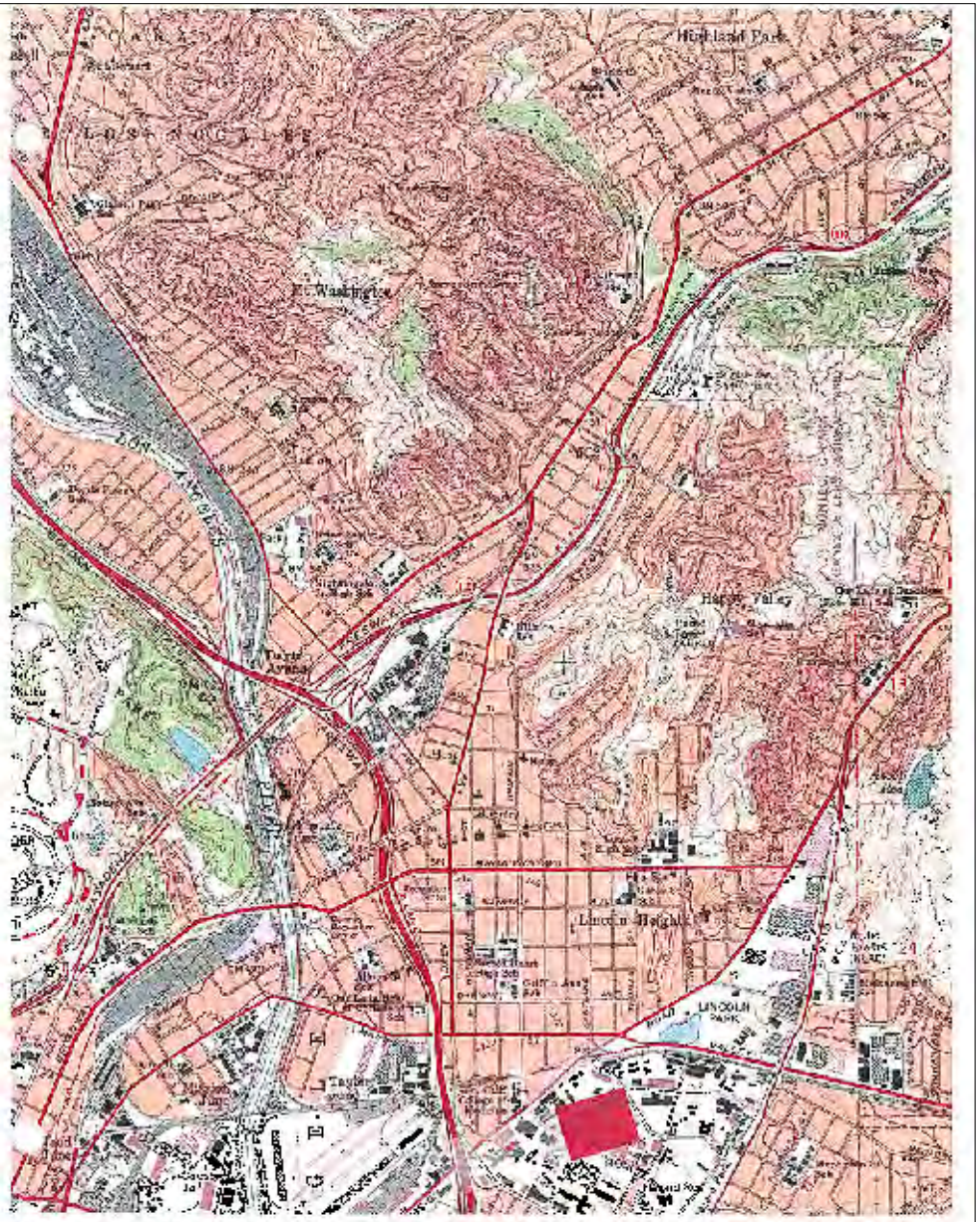
This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be incorporated as the primary basis of, or substitute for, any environmental risk assessment of any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk of any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright © 2008 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

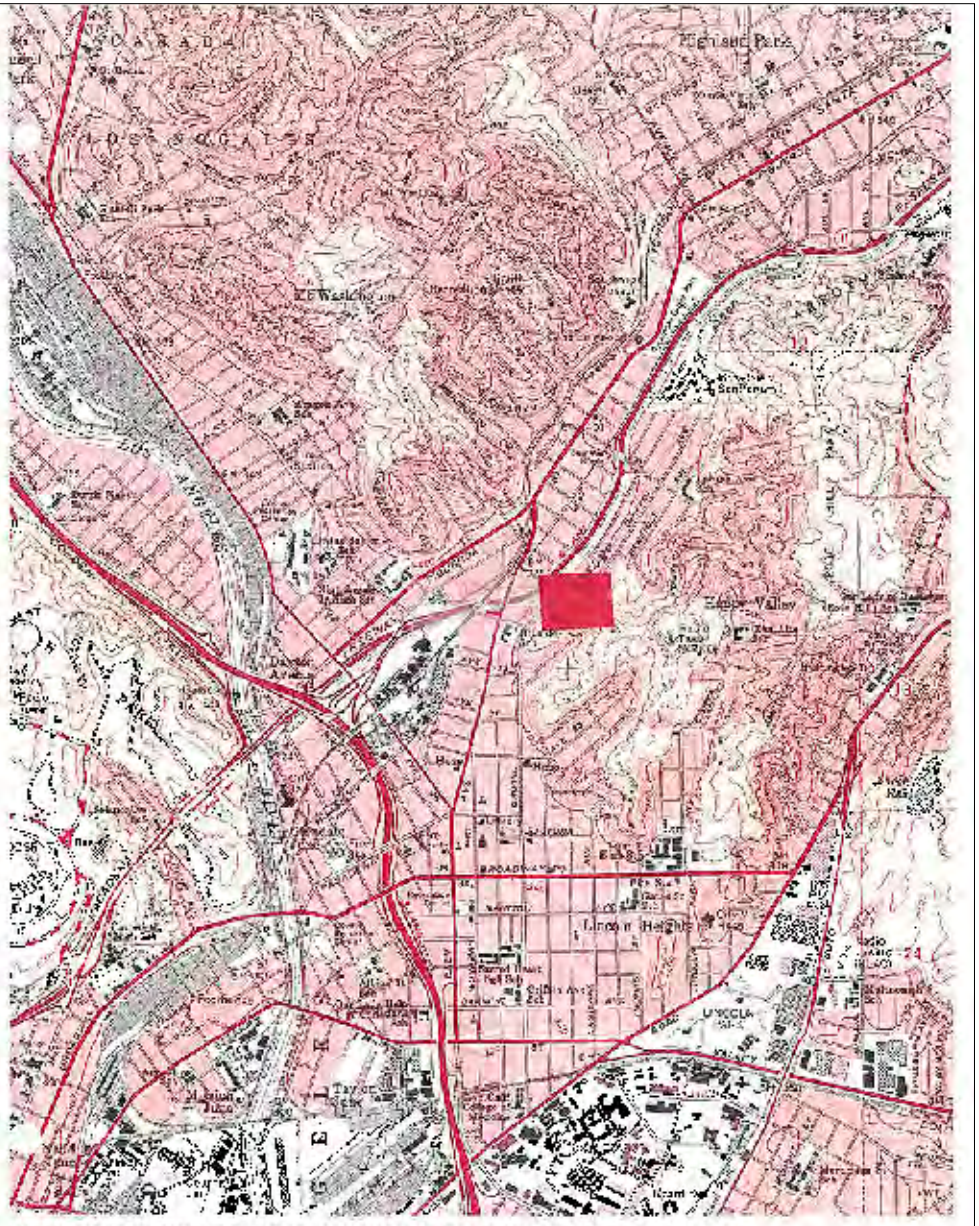
EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.



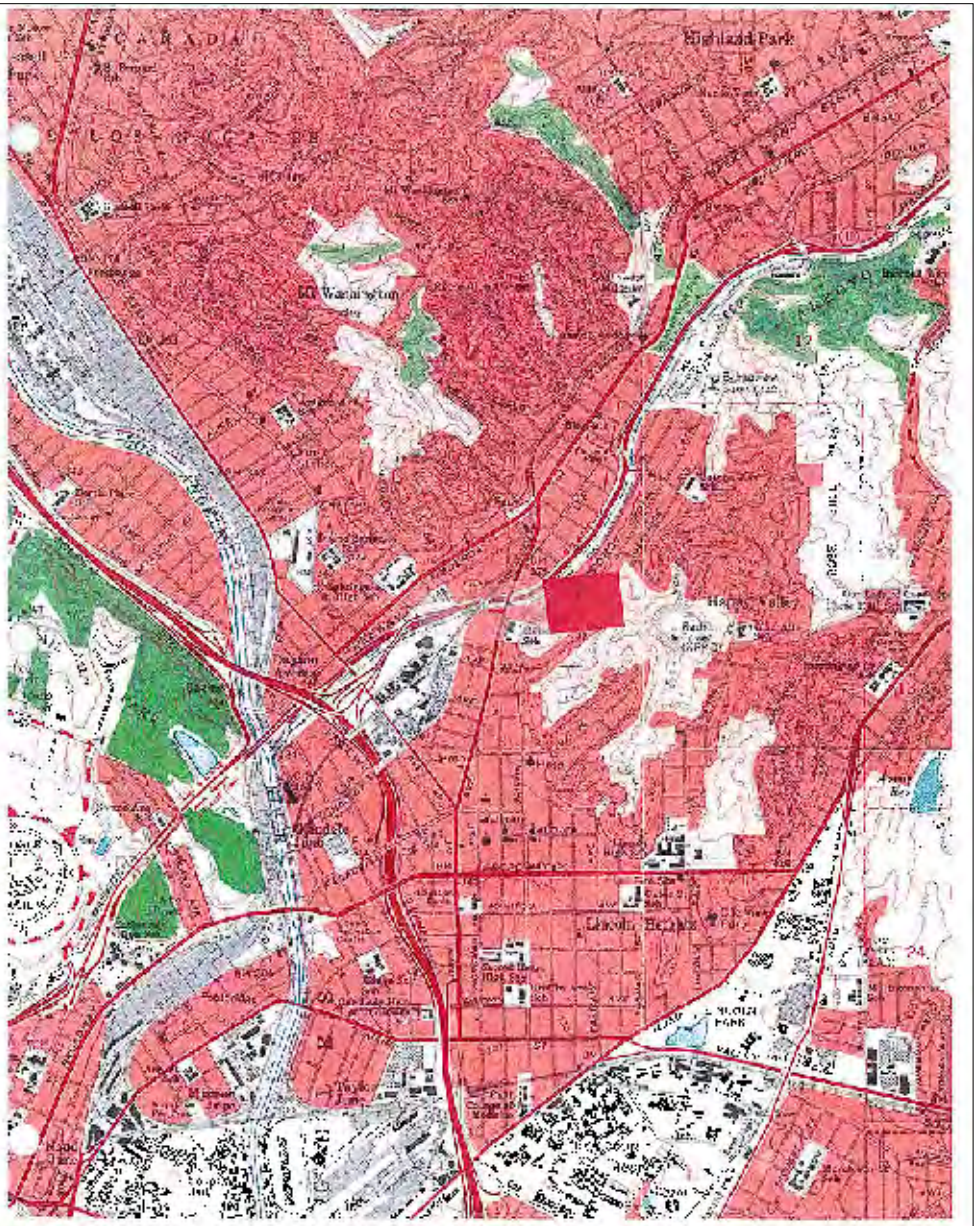
N - EDR IN QUERY # 1st Root / TARGET QUAD: LOS ANGELES PhotoRevised: 1966,1988 Series: 7.5 Scale: 1:24,000



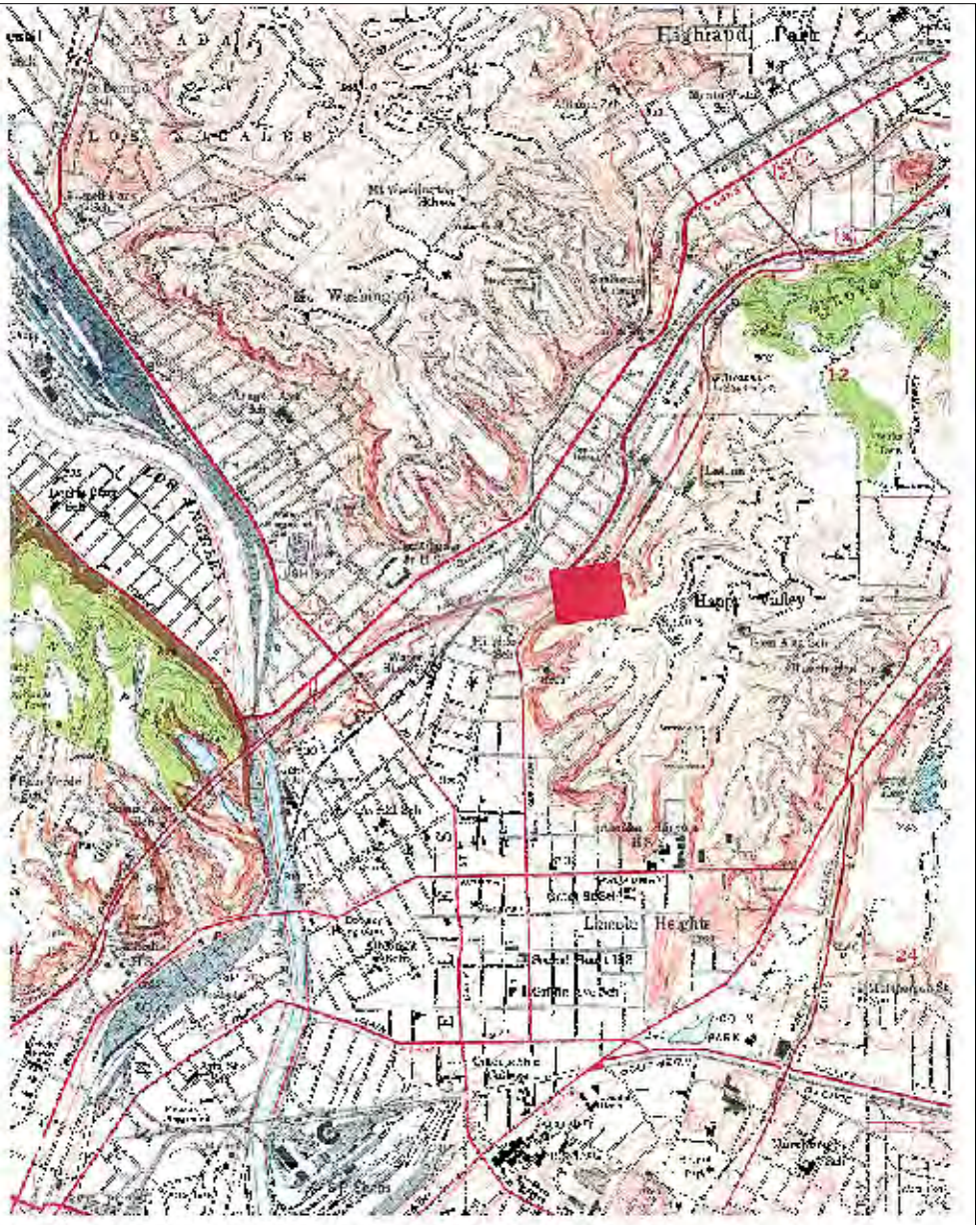
N^ EDR INQUIRY# 1510950.4 TARGET QUAD: ORANGE ES Revised: 1966-1981 Series: 7.5' Scale 1:24,000



N^ EDR INQUIRY# 1510950.4 TARGET QUAD: LOS ANGELES Revised: 1966-1972 Series: 7.5' Scale: 1:24,000

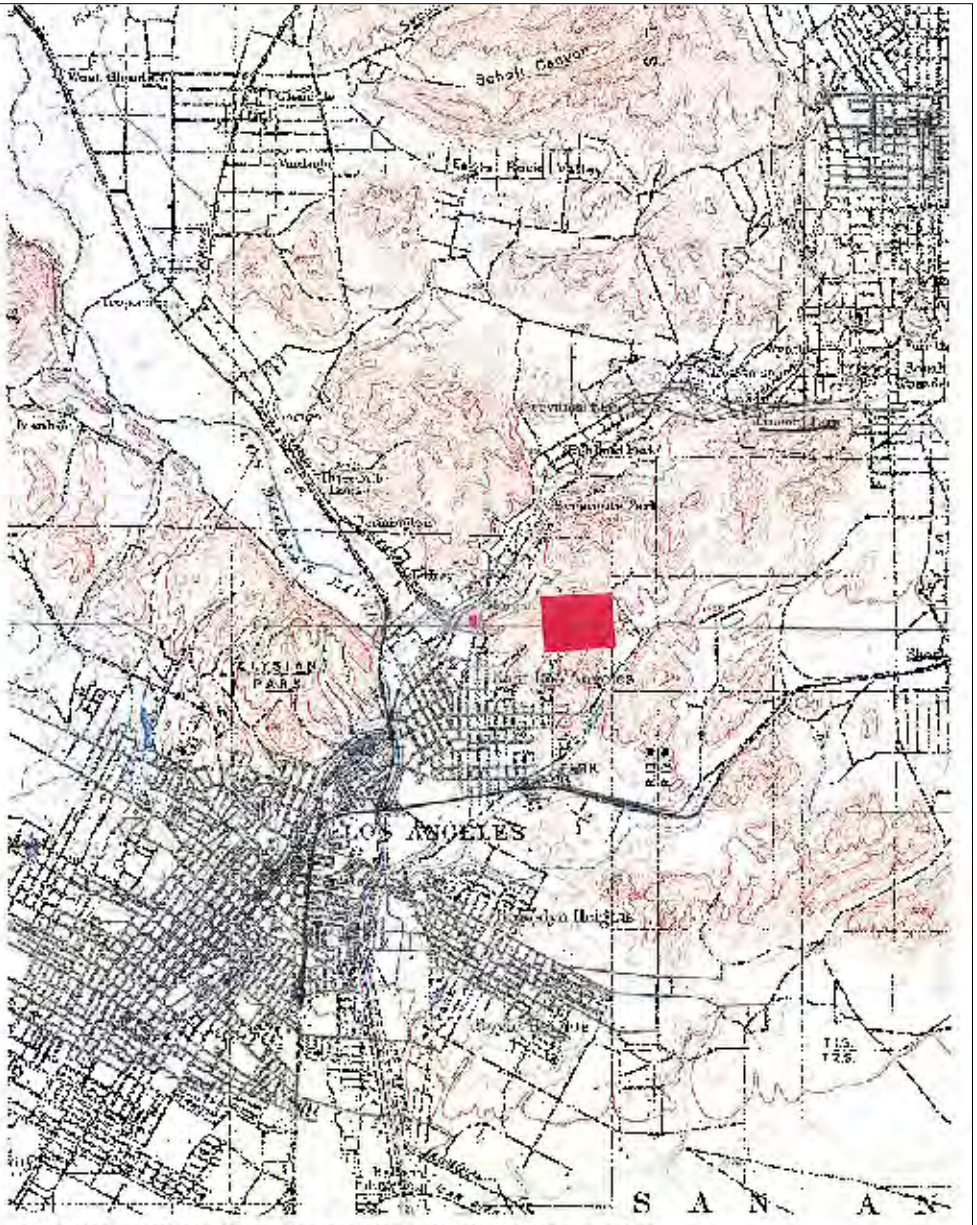


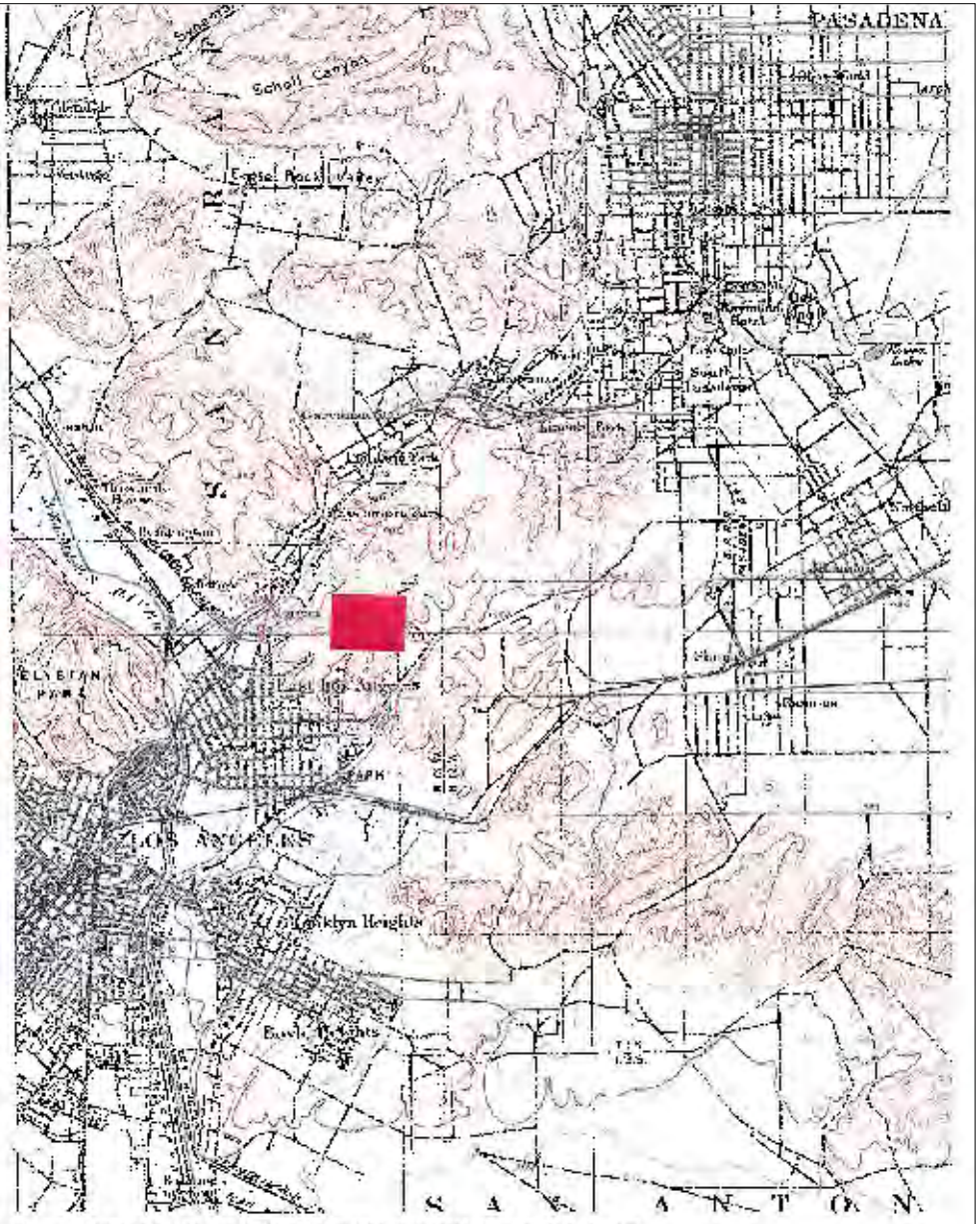
NA EDR INQUIRY# 15183C3.1 TARGET QUAD: LOS ANGELES YEAR: 1966 Series: 7.5 Scale: 1:24,000



NA EDR INQUIRY# 15183C3.4 TARGET QUAD: LOS ANGELES YEAR: 1953 Series: 7.5 Scale: 1:24,000

ANGELES


LOS ANGELES
S A N A N



APPENDIX G
SANBORN MAPS, CITY DIRECTORY REPORT, AND
PRODUCTION WELL INFORMATION

EDR Environmental Data Resources, Inc.

"Linking Technology with Tradition"®

Sanborn® Map Report

Ship To: Will Glenn
ENSR Consulting &
2850 South Red Hill
Santa Ana, CA 92705

Order Date: 9/26/2005 Completion Date: 9/27/2005
Inquiry #: 1519350.3s
P.O. #: NA
Site Name: Ameripride Services Inc.
Address: 3505 Pasadena Avenue
City/State: Los Angeles, CA 90031
Cross Streets:

Customer Project: 10770-002-200
1091011TIM 949-756-2667

Based on client-supplied information, fire insurance maps for the following years were identified.

1906 - 1 Map
1920 - 1 Map
1951 - 1 Map
1970 - 1 Map

Limited Permission to Photocopy Total Maps: 4

ENSR Consulting & Engineering (the client) is permitted to make up to THREE photocopies of this Sanborn Map in printed format and each fire insurance map accompanying the report solely for the limited use of its customers. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customers and their agents with EDR's copyright policy; a copy of which is available upon request.

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report AS IS. Any analyses, estimates, ratings, environmental risk level or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2005 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc. or its affiliates, is prohibited without prior written permission. EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

USER'S GUIDE

This User's Guide provides guidelines for accessing Sanborn Map® images and for transferring them to your Word Processor.

Reading Sanborn Maps

- Sanborn Maps document historical property use by displaying property information through words, abbreviations, and map symbols. The Sanborn Map Key provides information to help interpret the symbols and abbreviations used on Sanborn Maps. The Key is available from EDR's Web Site at: http://www.edrnet.com/reports/samples/key.pdf

Organization of Electronic Sanborn Image File

- Sanborn Map Report, listing years of coverage
- User's Guide
- Oldest Sanborn Map Image
- Most recent Sanborn Map Image

Navigating the Electronic Sanborn Image File

1. Open file on screen.
2. Identify TP (Target Property) on the most recent map.
3. Find TP on older printed images.
4. Using Acrobat® Reader®, zoom to 250 % in order to view more clearly. (200-250 % is the approximate equivalent scale of hardcopy Sanborn Maps.)
   A. On the menu bar, click "View" and then "Zoom to..."
   B. Or, use the magnifying tool and drag a box around the TP

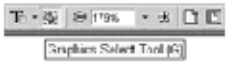
Printing a Sanborn Map From the Electonic File

- EDR recommends printing images at 300 dpi (300 dpi prints faster than 600 dpi)
- To print only the TP area, cut and paste from Acrobat to your word processor application.

<u>Acrobat Versions 6 and 7</u>

1. Go to the menu bar
2. Click the "Select Tool"
3. Draw a box around the area selected
4. "Right click" on your mouse
5. Select "Copy Image to Clipboard"
6. Go to Word Processor such as Microsoft Word, paste and print.

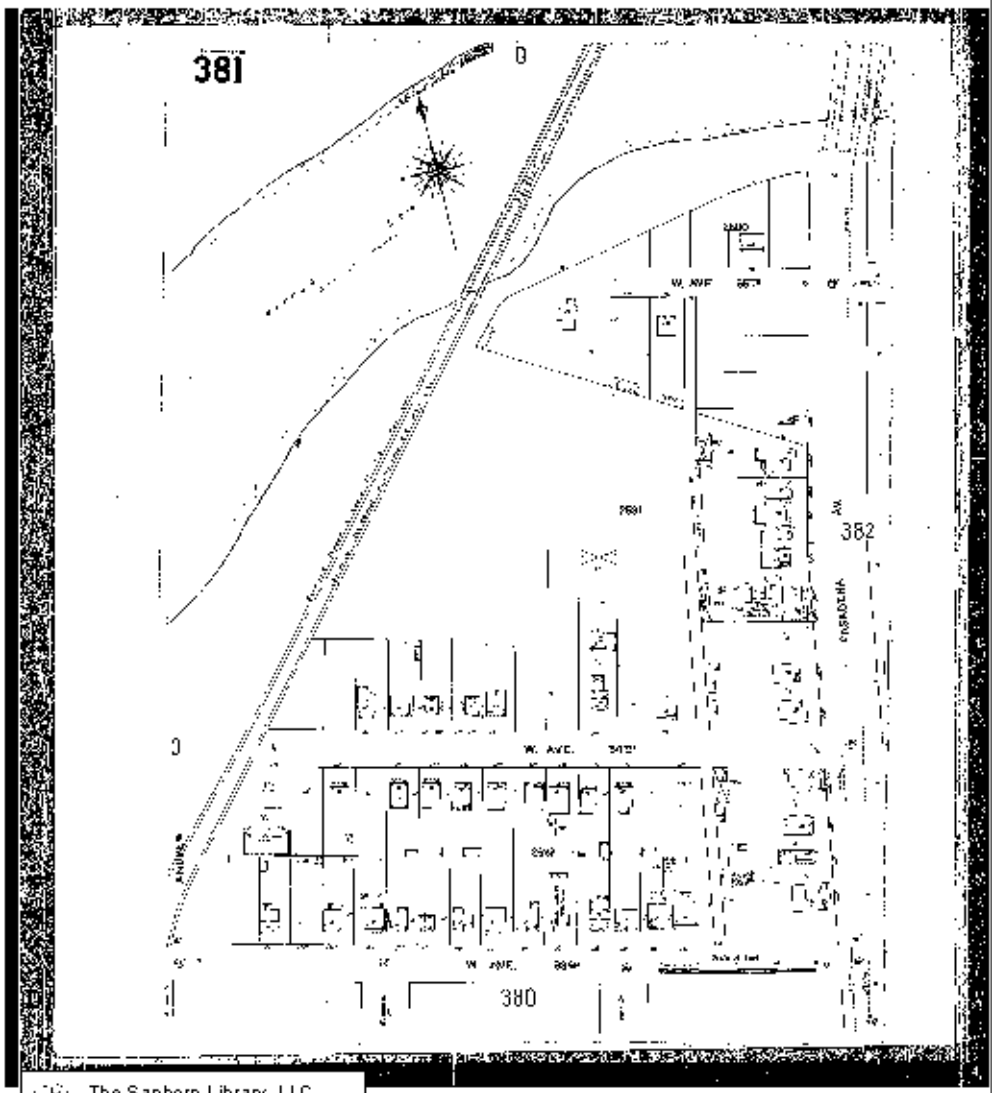
<u>Acrobat Version 5</u>



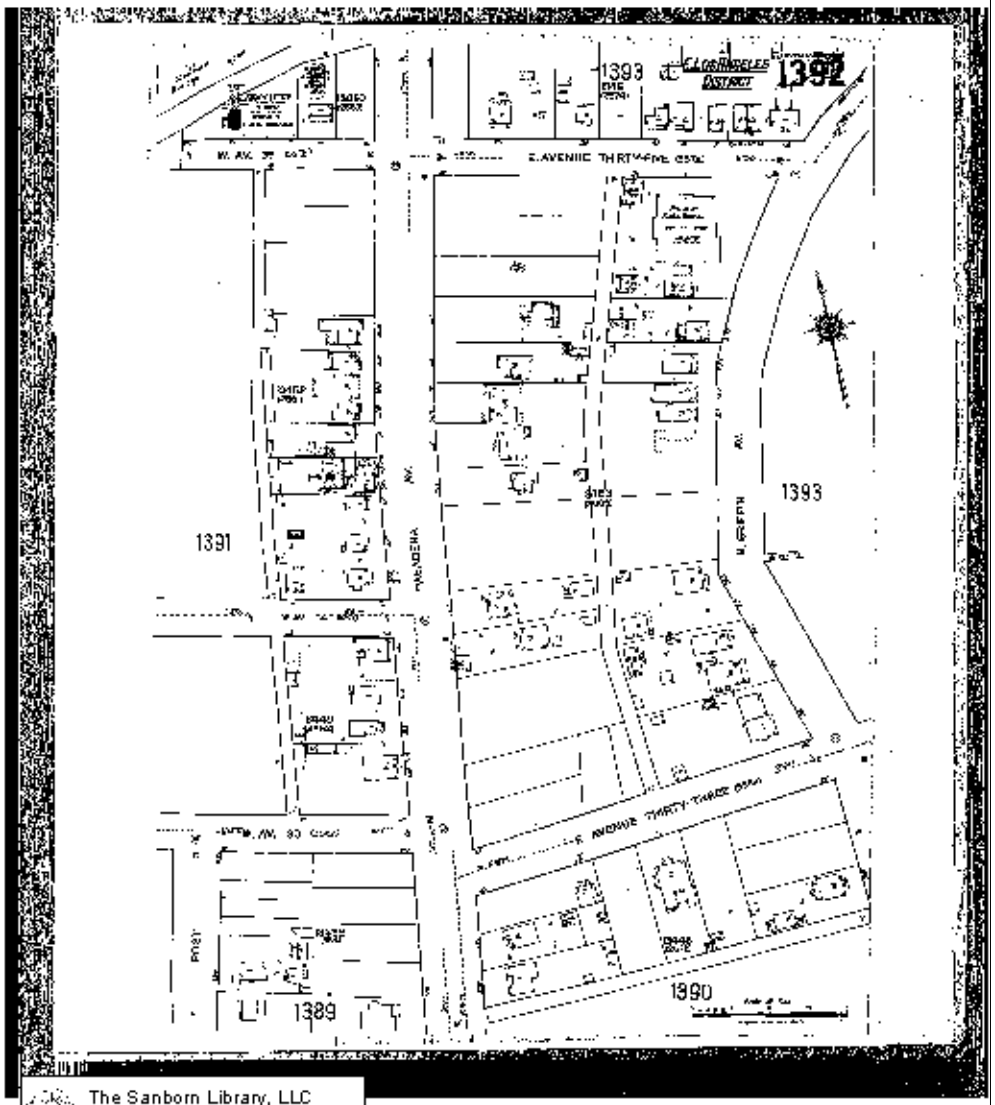
1. Go to the menu bar
2. Click the "Graphics Select Tool"
3. Draw a box around the area selected
4. Go to "Menu"
5. Highlight "Edit"
6. Highlight "Copy"
7. Go to Word Processor such as Microsoft Word, paste and print.

Important Information about Email Delivery of Electronic Sanborn Map Images

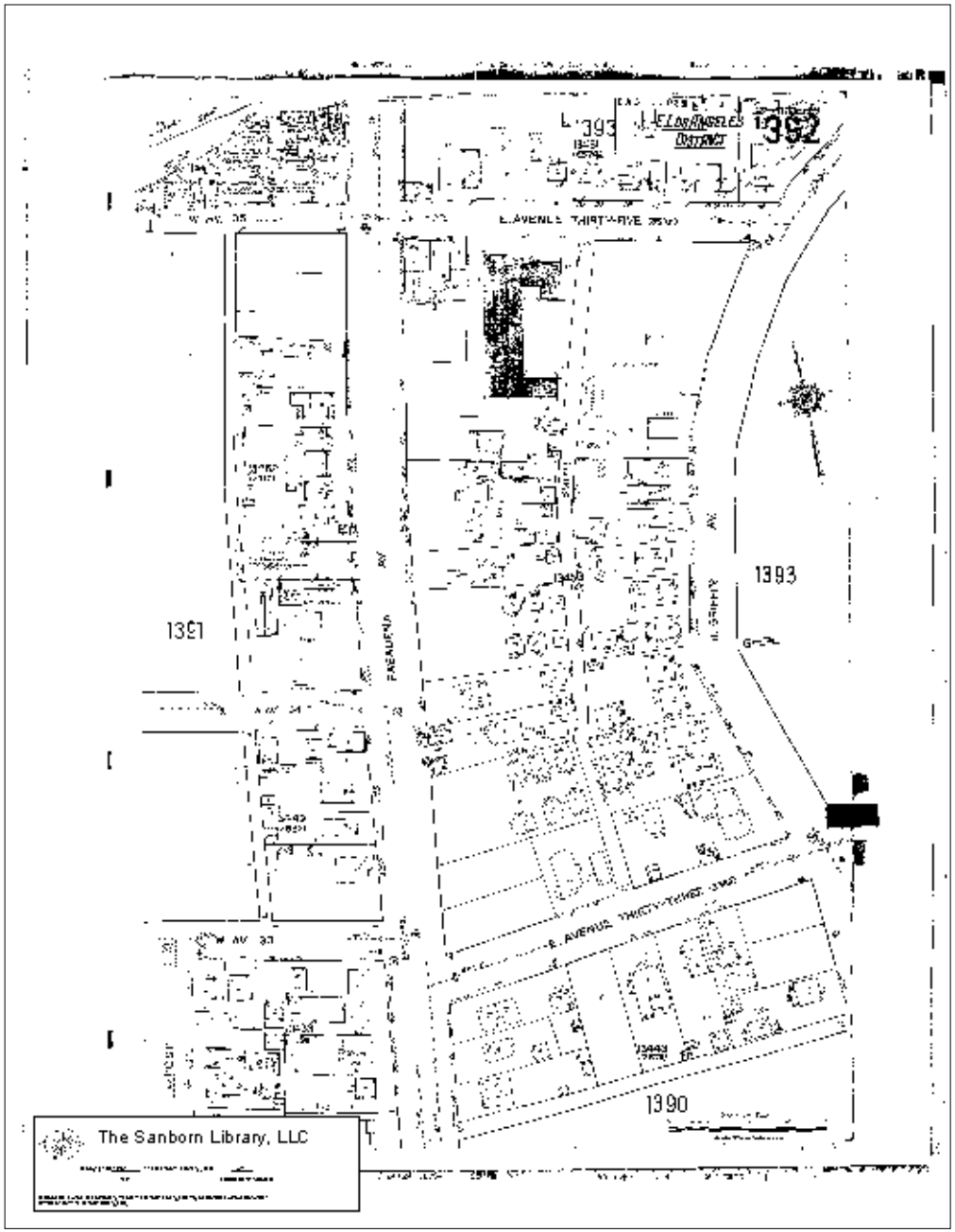
- Images are grouped intro one file, up to 2MB.
- In cases where in excess of 6-7 map years are available, the file size typically exceeds 2MB. In these cases, you will receive multiple files, labeled as "1 of 3", "2 of 3", etc. including all available map years.
- Due to file size limitations, certain ISPs, including AOL, may occasionally delay or decline to deliver files. Please contact your ISP to identify their specific file size limitations.

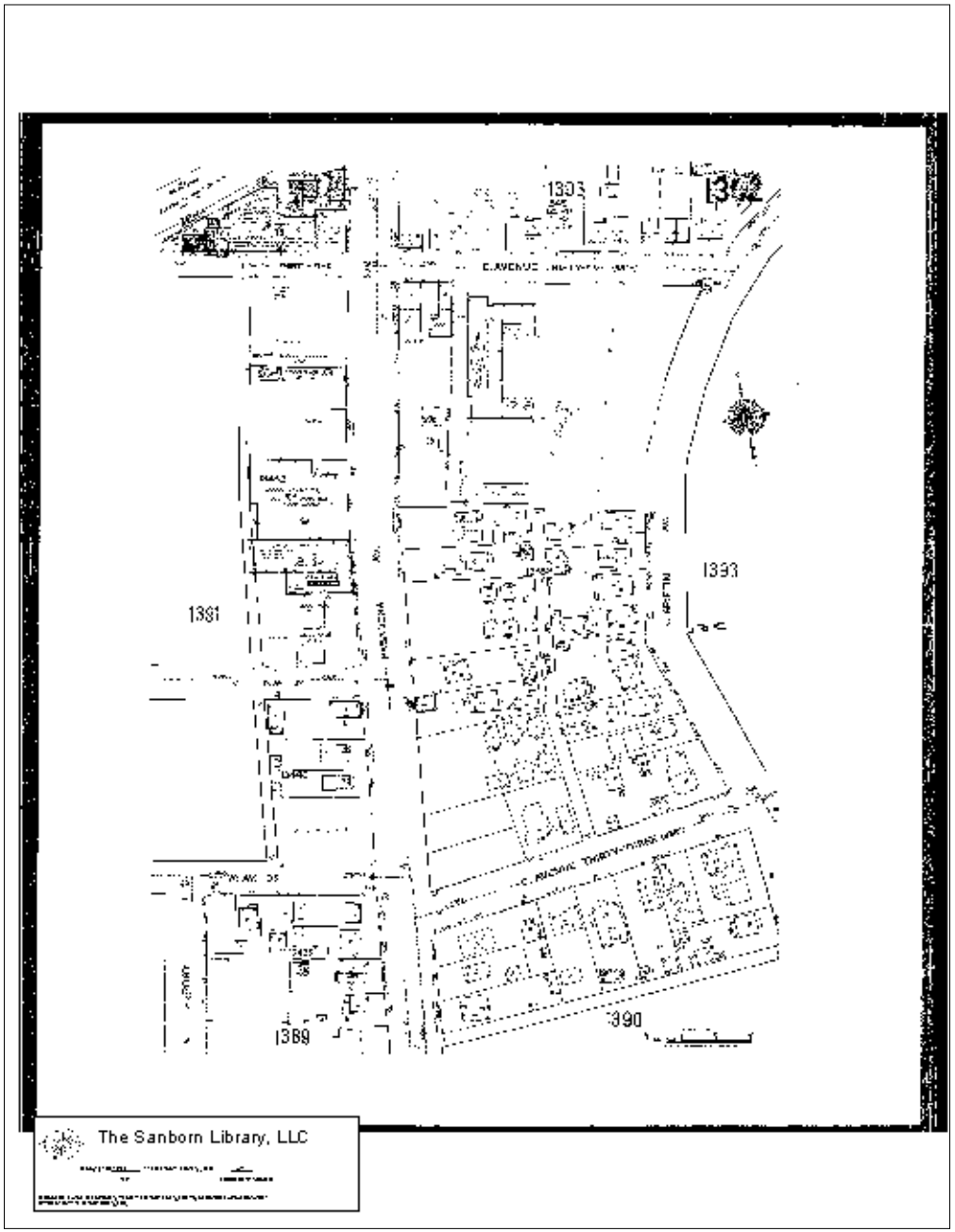


The Sanborn Library, LLC



The Sanborn Library, LLC


1392
1393
1391
1390
The Sanborn Library, LLC


1393
1392
1391
1389
1390
The Sanborn Library, LLC

The EDR-City Directory
Abstract

Ameripride Services Inc.
3505 Pasadena Avenue
Los Angeles, CA 90031

September 26, 2005

Inquiry Number: 1519350-5

EDR Environmental Data Resources Inc

The Standard In Environmental Risk Management Information

440 Wheelers Farms Road
Milford, Connecticut 06460

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802

Environmental Data Resources, Inc.
City Directory Abstract

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist professionals in evaluating potential liability on a target property resulting from past activities. ASTM E 1527-00, Section 7.3 on Historical Use Information, identifies the prior use requirements for a Phase I environmental site assessment. The ASTM standard requires a review of *reasonably ascertainable standard historical sources. Reasonably ascertainable means information that is publicly available, obtainable from a source with reasonable time and cost constraints, and practically reviewable.*

To meet the prior use requirements of ASTM E 1527-00, Section 7.3.4, the following *standard historical sources* may be used: aerial photographs, fire insurance maps, property tax files, land title records (although these cannot be the sole historical source consulted), topographic maps, city directories, building department records, or zoning/land use records. ASTM E 1527-00 requires *"All obvious uses of the property shall be identified from the present, back to the property's obvious, first developed use, or back to 1940, whichever is earlier. This task requires reviewing only as many of the standard historical sources as are necessary, and that are reasonably ascertainable and likely to be useful."* (ASTM E 1527-00, Section 7.3.2, page 12.)

EDR's City Directory Abstract includes a search and abstract of available city directory data.

City Directories
City directories have been published for cities and towns across the U.S. since the 1700s. Originally a list of residents, the city directory developed into a sophisticated tool for locating individuals and businesses in a particular urban or suburban area. Twentieth century directories are generally divided into three sections: a business index, a list of resident names and addresses, and a street index. With each address, the directory lists the name of the resident or, if a business is operated from this address, the name and type of business (if unclear from the name). While city directory coverage is comprehensive for major cities, it may be spotty for rural areas and small towns. ASTM E 1527-00 specifies that a *"review of city directories (standard historical sources) at less than approximately five year intervals is not required by this practice" (ASTM E 1527-00, Section 7.3.2.1, page 12.)*

NAICS (North American Industry Classification System) Codes
NAICS is a unique, all-new system for classifying business establishments. Adopted in 1997 to replace the prior Standard Industry Classification (SIC) system, it is the system used by the statistical agencies of the United States. It is the first economic classification system to be constructed based on a single economic concept. To learn more about the background, the development and difference between NAICS and SIC, visit the following Census website: http://www.census.gov/epcd/www/naicsdev.htm.

Please call EDR Nationwide Customer Service at
1-800-352-0050 (8am-8pm EST)
with questions or comments about your report.
Thank you for your business!

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of published and unpublished sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that no additional information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WITH RESPECT TO THE CONTENTS OF THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OR DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, and should not be relied on as providing any federal, state or local environmental risk evaluation or opinion for any property. Color Codes in Environmental Site Assessment, published by the environmental professional community, give generally recognized definitions of the risk codes. Additionally, this Report is not to be construed as legal advice.

Copyright 2005 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc. or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

4. SUMMARY

- *City Directories:*

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1920 through 2004. (These years are not necessarily inclusive.) A summary of the information obtained is provided in the text of this report.

This report compiles information by geocoding the subject properties (that is, plotting the latitude and longitude for such subject properties and obtaining data concerning properties within 1/16th of a mile of the subject properties). There is no warranty or guarantee that geocoding will report or list all properties within the specified radius of the subject properties and any such warranty or guarantee is expressly disclaimed. Accordingly, some properties within the aforementioned radius and the information concerning those properties may not be referenced in this report.

Date EDR Searched Historical Sources:
City Directories Sep 26, 2005

Target Property:
3505 Pasadena Avenue
Los Angeles, CA 90031

FIR ID Year	*Uses*	*NAICS*	*Source*
1910	Address not Listed in Research Source	N/A	Los Angeles Directory Co
1911	Address not Listed in Research Source	N/A	Los Angeles Directory Co
1913	Address not Listed in Research Source	N/A	Los Angeles Directory Co
1914	PAUCHS GYMNASIUM LAUNDRY MM PAUCH (1506)		Los Angeles Directory Co
1915	Address not Listed in Research Source	N/A	Los Angeles Directory Co
1916	Address not Listed in Research Source	N/A	Los Angeles Directory Co
1917	Address not Listed in Research Source	N/A	Suburban Directory Company Publishers
1918	Address not Listed in Research Source	N/A	Los Angeles Directory Co
1919	PAUCHS GYMNASIUM CLEANING CO INC MM PAUCHS LAUNDRY CO GENERAL SVC (1506)		Los Angeles Directory Co
1910	Address not Listed in Research Source	N/A	Los Angeles Directory Co
1911	Address not Listed in Research Source	N/A	Los Angeles Directory Company Publishers
1913	Address not Listed in Research Source	N/A	Los Angeles Directory Co
1911	PAUCHS GYMNASIUM CLEANING CO INC MM PAUCH AMUSEMENTS GENERAL MGR U (1506)		Los Angeles Directory Co
1914	Address not Listed in Research Source	N/A	Los Angeles Directory Co
1915	Address not Listed in Research Source	N/A	Los Angeles Directory Co
1916	Address not Listed in Research Source	N/A	Los Angeles Directory Co
1917	PAUCHS GYMNASIUM CLEANING CO INC MM PAUCH AMUSEMENTS GENERAL MGR U (1506)		Los Angeles Directory Co
1913	Address not Listed in Research Source	N/A	Los Angeles Directory Company Publishers
1919	Address not Listed in Research Source	N/A	Los Angeles Directory Co
1940	Address not Listed in Research Source	N/A	Los Angeles Directory Co
1941	PAUCHS GYMNASIUM AND UNIFORM CLEANING CO PHY BUY PAUSUPPLY CON (1506) PIANO TOPAUL OAPT (1506)		Los Angeles Directory Co
1944	Address not Listed in Research Source	N/A	R. L. Polk & Co
1945	Address not Listed in Research Source	N/A	R. L. Polk & Co
1946	Address not Listed in Research Source	N/A	Los Angeles Directory Co

PUR ID Year	Uses	NAICS	Source
1947	Address not used in Research Source	N/A	Pacific Grocery Co
1951	Address not used in Research Source	N/A	Los Angeles Grocery Co
1959	Address not used in Research Source	N/A	Los Angeles Grocery Co
1960	Address not used in Research Source	N/A	Pacific Telephone
1961	PASADENA LAUNDRY & DRY CLEANING CO (1505) PASADENA LAUNDRY & DRY CLEANING CO INC (1505) PASADENA LAUNDRY & DRY CLEANING CO INC (1505) PASADENA LAUNDRY & DRY CLEANING CO (1505) PASADENA LAUNDRY & DRY CLEANING CO INC (1505)		Los Angeles Grocery Co Publishers
1963	Address not used in Research Source	N/A	Los Angeles Grocery Co
1964	Address not used in Research Source	N/A	A. L. Polk & Co
1965	Address not used in Research Source	N/A	A. L. Polk & Co
1966	Address not used in Research Source	N/A	Pacific Telephone
1967	PARKS DRY CLEANING CO INC (1505)		Pacific Telephone
1968	BLOCK LAUNDRY & PARKS DRY CLEANING CO INC (1505) PURE SERVICE LINEN SUPPLY CO (1505) PARKS DRY CLEANING CO INC (1505)		Pacific Telephone
1969	PARKS INDUSTRIAL LAUNDRY & PLANT TOPICS (1505)		Pacific Telephone
1970	Address not used in Research Source	N/A	Lasky Graham & Co
1971	PARKS INDUSTRIAL LAUNDRY & PLANT TOPICS (1505) PURE SERVICE LINEN SUPPLY CO (1505) PARKS INDUSTRIAL LAUNDRY & PLANT TOPICS (1505) PARKS DRY CLEANING CO INC (1505)		Pacific Telephone
1973	Address not used in Research Source	N/A	Pacific Telephone
1974	Address not used in Research Source	N/A	Pacific Telephone
1975	Address not used in Research Source	N/A	Pacific Telephone
1976	Address not used in Research Source	N/A	Pacific Telephone
1977	PARKS DRY CLEANING CO INC (1505)		Pacific Telephone
1978	Address not used in Research Source	N/A	Pacific Telephone
1979	Address not used in Research Source	N/A	Pacific Telephone
1980	PARKS DRY CLEANING CO INC (1505)		GT-S
1981	PARKS DRY CLEANING CO INC (1505)		Pacific Telephone

PUR ID Year	Uses	NAICS	Source
1967	PARKS INDUSTRIAL LAUNDRY & PLANT TOPICS (1505) PARKS DRY CLEANING CO INC (1505)		A. L. Polk & Co
1969	Address not used in Research Source	N/A	Pacific Telephone
1970	PARKS INDUSTRIAL LAUNDRY & PLANT TOPICS (1505) PARKS INDUSTRIAL LAUNDRY & PLANT TOPICS (1505)		A. L. POLK & CO
1971	PARKS DRY CLEANING CO INC (1505)		R&G Publications
1972	Address not used in Research Source	N/A	A. L. Polk & Co
1975	PARKS INDUSTRIAL LAUNDRY & PLANT TOPICS (1505) PARKS INDUSTRIAL LAUNDRY & PLANT TOPICS (1505) TOPICS (1505) PARKS INDUSTRIAL LAUNDRY & PLANT (1505)		Pacific Telephone
1976	Address not used in Research Source	N/A	A.L. Polk & co Publishers
1980	PARKS UNIFORM RENTAL PASADENA LAUNDRY & CLEANING (1505)		Pacific Telephone
1981	PARKS UNIFORM RENTAL (1505) PARKS DRY CLEANING CO INC (1505)		Pacific Telephone
1985	PARKS UNIFORM RENTAL (1505)		Pacific Bell
1986	PARKS DRY CLEANING CO INC SEE PARKS UNIFORM RENTAL (1505) PARKS UNIFORM RENTAL (1505)		Pacific Bell
1990	PARKS DRY CLEANING CO INC (1505) PARKS UNIFORM RENTAL (1505)		Pacific Bell
1991	Address not used in Research Source	N/A	Pacific Bell
1995	Address not used in Research Source	N/A	Pacific Bell Telephone
1996	Address not used in Research Source	N/A	GT-S
1999	PARKS CYRIL (1505)		Pacific Bell Telephone
1999	Address not used in Research Source	N/A	Hance & Company, Inc
1999	Address not used in Research Source	N/A	Hance & Company
1999	Address not used in Research Source	N/A	Hance Company

Adjoining Properties

SURROUNDING
Multiple Addresses
Los Angeles, CA 90031

PUR ID Year	Uses	NAICS	Source
1910	Address not Listed in Research Source	N/A	Los Angeles Directory Co
1911	Address not Listed in Research Source	N/A	Los Angeles Directory Co
1913	Address not Listed in Research Source	N/A	Los Angeles Directory Co
1914	''PASADENA AVE''	-	Los Angeles Directory Co
	SMITH WM FLOOR CLNR (1500)		
1915	Address not Listed in Research Source	N/A	Los Angeles Directory Co
1916	Address not Listed in Research Source	N/A	Los Angeles Directory Co
1917	Address not Listed in Research Source	N/A	Suburban Directory Company Publishers
1918	Address not Listed in Research Source	N/A	Los Angeles Directory Co
1919	''PASADENA AVE''	-	Los Angeles Directory Co
	LIPPINCOTT JAY GAS&SM (1454)		
	LIPPINCOTT WM P SYLVIA ASSIST GAS REGULATOR CO (1454)		
	TRACY LIPPINCOTT A NETA ASSLYR GEO JAYNUD CO H (1454)		
	WILLIAMSBOYD & SLOCTN H (1454)		
	ASSIST GAS REGULATOR CO OF LIPPINCOTT L A MACY (1456)		
	SMITH WM FLUCY CLOCLNR (1500)		
	MURRAY & STAGGMATT S MURRAY W J STAGGM SIGN PNTRS (1503)		
1919	Address not Listed in Research Source	N/A	Los Angeles Directory Co
1911	Address not Listed in Research Source	N/A	Los Angeles Directory Company Publishers
1913	Address not Listed in Research Source	N/A	Los Angeles Directory Co
1911	Address not Listed in Research Source	N/A	Los Angeles Directory Co
1914	Address not Listed in Research Source	N/A	Los Angeles Directory Co
1915	Address not Listed in Research Source	N/A	Los Angeles Directory Co
1916	Address not Listed in Research Source	N/A	Los Angeles Directory Co
1917	''PASADENA AVE''	-	Los Angeles Directory Co
	SCOTT & GYSMALL UNTSMING CO MFG S&SSH & SCOTT & SMSMGOSMY MAC (1456)		
1913	Address not Listed in Research Source	N/A	Los Angeles Directory Company Publishers
1919	Address not Listed in Research Source	N/A	Los Angeles Directory Co

PUR ID Year	Uses	NAICS	Source
1940	Address not Listed in Research Source	N/A	Los Angeles Directory Co
1941	''PASADENA AVE''	-	Los Angeles Directory Co
	SCOTT & GYSMALL UNTSMING CO MFG S G SCOTT & SMSMGOSMY MACHN (1456)		
1944	Address not Listed in Research Source	N/A	R L Polk & Co
1945	Address not Listed in Research Source	N/A	R L Polk & Co
1946	Address not Listed in Research Source	N/A	Los Angeles Directory Co
1947	Address not Listed in Research Source	N/A	Pacific Directory Co
1948	Address not Listed in Research Source	N/A	Los Angeles Directory Co
1949	Address not Listed in Research Source	N/A	Los Angeles Directory Co
1950	Address not Listed in Research Source	N/A	Pacific Telephone
1951	''PASADENA AVE''	-	Los Angeles Directory Co/Publishers
	IGS GEMMANGM A (1454)		
	PASADENA AVY (1454)		
	PASADENA AVY SMNGS CAN (1458)		
1953	Address not Listed in Research Source	N/A	Los Angeles Directory Co
1954	Address not Listed in Research Source	N/A	R L Polk & Co
1955	Address not Listed in Research Source	N/A	R L Polk & Co
1956	Address not Listed in Research Source	N/A	Pacific Telephone
1957	Address not Listed in Research Source	N/A	Pacific Telephone
1958	''PASADENA ST''	-	Pacific Telephone
	MARTENS MANG A (1454)		
	JEANSCAN (1453)		
1960	Address not Listed in Research Source	N/A	Pacific Telephone
1961	Address not Listed in Research Source	N/A	Lusby Graham & Co
1963	''PASADENA''	-	Pacific Telephone
	JEANSCAN (1453)		
1963	Address not Listed in Research Source	N/A	Pacific Telephone
1964	Address not Listed in Research Source	N/A	Pacific Telephone
1965	Address not Listed in Research Source	N/A	GTE
1966	Address not Listed in Research Source	N/A	Pacific Telephone

PUR ID Year	Uses	NAICS	Source
1967	``FASADENA`` LUCKMOHAYSION SERVICE (1451) MIASMAAY (1454) LEE SUAT (1454)	.	A. L. Polk & Co.
1969	Address not Located in Research Source	N/A	Pacific Telephone
1970	Address not Located in Research Source	N/A	A. L. POLK & CO
1971	Address not Located in Research Source	N/A	R&G Publications
1973	Address not Located in Research Source	N/A	A. L. Polk & Co.
1975	Address not Located in Research Source	N/A	Pacific Telephone
1976	Address not Located in Research Source	N/A	A.L. Polk & co/Publishers
1980	Address not Located in Research Source	N/A	Pacific Telephone
1981	``FASADENA,CA'E`` CLARA S FASHIONS (1451) RAHIMEE ISMAEL (1454) REYERA CONCEPCION (1454) MINI BUSINESS SERVICE (1456) ALEX PM PRINTING (1456) H & S CALIFORNIA (1500)	.	Pacific Telephone
1985	Address not Located in Research Source	N/A	Pacific Bell
1986	``FASADENA,CA'E`` OSCAR VILLA SIMON (1454) HAI LAU (1456) CHUY CALIFORNIA (1500)	.	Pacific Bell
1990	``FASADENA,CA'E`` YANLING SHENG (1451) MARTINEZ IMELDA P (1454) NAYA GABRIEL (1454) URQUILLA MARIANA (1454) DYNASTY FASHION (1456) CHUY CALIFORNIA (1500)	.	Pacific Bell
1991	Address not Located in Research Source	N/A	Pacific Bell
1995	``FASADENA,CA'E`` YANLING SHENG (1451)	.	Pacific Bell Telephone

PUR ID Year	Uses	NAICS	Source
1995 (continued)	OSCAR VILLA SIMON (1454) MARTINEZ IMELDA (1454)		
1996	Address not Located in Research Source	N/A	GTE
1999	``FASADENA,CA'E`` YT FASHION (1451) MAUCHAUCHI MARIA (1454) MARTINEZ IMELDA (1454) CASHAUTOBUYERS (1500) S & N MOTORS (1500) MARIQUINLUIS A (1500)	.	Pacific Bell Telephone
2001	Address not Located in Research Source	N/A	Haines & Company, Inc
2001	Address not Located in Research Source	N/A	Haines & Company
2004	Address not Located in Research Source	N/A	Haines Company

SHEET 1

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
Water Conservation Division
WELL DATA

Owner: Los Angeles Water Department

Location and Description: Florence Nightingale Schoolgrounds
33 N.E. of Cuthess Avenue
42 S.E. of Alton Street

Use: Test hole

Elev. of average grd. at well: _____ U.S.G.S. Datum

Elev. of grd. adjacent to well: 366.60' U.S.G.S. Datum

Water surface reported as follows:

(a) From 11-4-38 To _____ Elev. 366.60' How det. Owner's Levels
Description: Top of casing at ground surface

(b) From _____ To _____ Elev. _____ How det. _____
Description: _____

(c) From _____ To _____ Elev. _____ How det. _____
Description: _____

(d) From _____ To _____ Elev. _____ How det. _____
Description: _____

Type of well: Rotary Drilled Size 8"-84

Original depth: 84' Sounding: _____

Pumping equipment: None

Power used: _____

Capacity: _____ Drawdown: _____

Date drilled: October 29, 1938 (C.A. Tomson) L.A. City W & P

Artesian characteristics: _____

Quality of water: _____

Remarks: 2-9-71 Unable to locate original well data card, comprised this card from data received from L.A.C.W.&P.Div 2-4-71, JCR
See U.S.G.S. Water Supply Paper #112, Page 42
(Extends Homer-Hamlin Thrust to North)

(over)

Well Number: Hyde Park

D.W.R. Number: #13

Sec. _____ T. _____ R. _____ B. & M.

F.C. 2781

LOG OF WELL NO. 2781

From	To	Classification of Material	From	To	Classification of Material
0	4	Adobe fill			
4	14	Cemented sand & gravel			
14	26	Sandy gray clay			
26	31	Good gravel & clay			
31	36	Brown clay			
36	38	Sand & gravel			
38	62	Layers of shale & sandstone			
62	81	Black shale			
81	84	Layers sandstone & shale			

Perforations: Open end at 84'

Strata water is: _____

Water level before pert. _____ after pert. _____

Remarks: _____

(over)

U. S. Dept. Navy 194-- SE 9-16

Sheet 1

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DEPARTMENT
WELL DATA

Well Number

Location and description 21 rods S. of South Line of Section

25 E. of East Center of Rancho

Description of reference point (Top of casing)

R. P. elev. above sea level 352.46 Datum Land

How determined

R. P. elev. above, below, ground

Owner L.A.V.F.D.

Use

Capacity of well

Depth of well 76'

Size of well 7" Type

Power used

Type of motor, engine Make HP

Type of pump None Make

Capacity of pump

Year drilled or dug Driller

Depth to water when drilled

Salinity of water

Temperature of water

Artesian when drilled Yes No

Artesian on date Yes No

L.A.V.F.D. Well #27-1-I

LOG OF WELL NO. 27-1-I

Drilled by Victor Engs

Date drilled 1921

Depth from ground surface

Struck water at ft. from ground.

Water rose to ft. from ground.

FROM	TO	CLASSIFICATION OF MATERIALS
0	3	Top Soil Sandy
3	5	Sand
5	7	Coarse Sand & Gravel
7	10	Sand
10	12	Sand & gravel
12	16	Sand & small Pebbles
16	26	Coarse Sand & gravel
26	30	Packed Sand & Gravel
30	34	Coarse Sand & Gravel
34	35	Sand
35	38	Coarse Sand & gravel
38	45	Small Sand & gravel
45	49	Sand & gravel Mud
49	57	Sand & gravel Coarse
57	61	Sand, Packed
61	68	Sand & gravel Mud
68	76	Sand & gravel Fine, some Yellow Clay

APPENDIX H
GENERAL FIELD PROCEDURES

STANDARD PROTOCOL FOR MONITORING WELL CONSTRUCTION AND DEVELOPMENT

Monitoring Well Construction

All groundwater monitoring wells are constructed with flush threaded, 4 inch-outside-diameter (O.D.), Schedule 40 PVC blank casing and 4-inch-O.D., machine slotted PVC screen. The screened interval extends approximately 5 feet above the static water level. The annular space between each well screen and borehole is packed with a clean, graded sand, which extends from the bottom of the borehole to 2 feet above the screened interval. During emplacement of the filter pack, the well was surged in approximately 3-foot intervals, which forces groundwater to flow into and out of the well screen and allows the filter pack to settle effectively and fine-grained sediments to break up, become suspended, and then migrate into the well.

A 2- to 3-foot bentonite pellet seal is placed above the sand pack followed by a hydrated bentonite chip or bentonite grout sanitary seal to approximately 3 feet below grade. Concrete is placed to ground surface, and both a locking cap and traffic-rated, watertight vault box are installed.

Well Development

Monitoring wells are developed with a SMRAT-5 Development Rig using standard surging and bailing techniques prior to groundwater sampling. Each monitoring well is surged using an appropriately sized surge block attached to a 10-foot section of steel AW rod and a stainless steel line. The wells are then bailed with a clean stainless steel bailer to remove silts and clays which have migrated into the well borehole. The wells are further developed by having a minimum of 10 casing volumes of groundwater removed by pumping or bailing. This reduces the turbidity of the water-bearing zone and allows representative aquifer water to enter the well. During development, water temperature, pH, conductivity, and turbidity are monitored at least one time per casing volume removed.

Surveying

The well lid and top of casing are surveyed by a State licensed land surveyor to a City or County benchmark. Longitude and Latitude is also collected for each well location, and results of the survey are uploaded to the State of California Water Resources Database (Geotracker).

Groundwater Monitoring and Sample Collection

The depth to groundwater and well total depth is measured in all wells using an electronic oil/water interface probe. If free product is present in the well, its thickness is noted at this time. Wells which contain free product are not sampled because the purging process may "smear" the free product and affect previously unaffected soil below the water table.

The volume of groundwater in each well is calculated using the measurements acquired above. Each well is purged of at least three casing volumes prior to collection of groundwater samples. The temperature, pH, conductivity, and turbidity of the groundwater is measured at intervals and sampling may also occur after these parameters have stabilized (less than 10% change over 3 measurements), indicating that a representative sample from the saturated zone is attained.

Prior to sampling and between samples, all reusable sampling equipment is decontaminated by washing in a detergent solution (phosphate free) and water. The equipment is then double-rinsed with water.

Ground water samples are then collected with a disposable 2-inch-diameter polyethylene bailer with a stopcock, which is lowered down the well via nylon cord. After reaching static water level, the bailer is gently bobbed up and down allowing the groundwater to fill the bailer. The bailer is retrieved from the well and a sampling port is attached to the bottom of the bailer. The groundwater is collected in the appropriate glassware and sealed. After sample collection, the disposable bailer, nylon cord, sampling port, and nitrile gloves are disposed of and a new set is used for the next well to be sampled. All groundwater samples being analyzed for EPA Method 8015M (TPH) are decanted into 1 liter amber bottles and all groundwater samples being analyzed for 8020 (BTEX) are decanted into 40-milliliter glass vials with Teflon septum, that have been preserved with hydrochloric acid (HCL), sealed, labeled, and either immediately hand delivered to an on-site mobile laboratory or stored in airtight plastic bags, placed in a thermally insulated chest with ice and couriered or shipped under chain-of custody procedures to a State-certified hazardous waste testing laboratory. The sample labels attached to each sample vial identify a specific identification number specific to that sample vial and also identify the location of that sample as well as the date the sample was collected, and the type of analysis to be performed on the sample.

A sample blank and trip blank are also obtained for analysis. The sample blank is a vial of distilled water that is circulated through the bailer prior to sampling. The trip blank is a vial of distilled water included in the thermally-insulated ice chest during sampling and shipping. These blanks are used to provide an indication of contamination introduced as a consequence of the sampling and shipping procedure.

Purged groundwater and decontamination water is transferred to Department of Transportation-approved, 55 gallon drums and temporarily stored onsite or transported offsite in a vacuum truck for disposal. After receipt of analytical results, the drums of decontamination water are transported offsite under waste manifest for disposal.

ENSR

APPENDIX I
HEALTH AND SAFETY PLAN

AmeriPride

Health and Safety Plan

Environmental Investigation
Performed at Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles , California

October 2005

Prepared By: Joseph Sanders — Date: October 21, 2005
Regional Health & Safety Manager

Approved by: Joseph Sanders, CIH — Date: October 21, 2005
Regional Health and Safety Manager

Approved by: _____ — Date: October 21, 2005
Project Manager

10770-002-200

CONTENTS

1. INTRODUCTION 1

1.1. Purpose 1

1.2. Modifications 1

1.3. Approval and Dissemination 2

1.4. Responsibilities 2
1.4.1. Project Manager 2
1.4.2. Regional Health and Safety Manager 2
1.4.3. Site Safety Officer 3
1.4.4. Field Personnel 4

2. SITE HISTORY / DESCRIPTION 5

2.1. Property Location and History 5

3. SCOPE OF WORK 6

4. HAZARD ASSESSMENT 7

4.1. Chemical Hazards 7
4.1.1. Gasoline 7
4.1.2. Methyl Tertiary Butyl Ether 8

4.2. Chlorinated Hydrocarbons 8
4.2.1. Chlorinated Solvents Associated With Degreasers 8
4.2.2. Hazardous Properties of Potential Chemical Contaminants 9
4.2.3. Hazardous Substances Brought On-Site by ENSR or Subcontractor 9

4.3. Hazard Potential / Control 10
4.3.1. Hazard Potential 10
4.3.2. Hazard Control 10

5. PHYSICAL HAZARDS 11

5.1. Traffic Concerns 11

5.2. Utility Hazards 11
5.2.1. Underground Utilities 11
5.2.2. Overhead Utilities 12

5.3. Drilling Hazards 12
5.3.1. Conventional Drilling 12

5.4. Cuts and Lacerations 13

5.5. Electrically Powered Tools 14

5.6. Back Safety 15

5.7. Thermal Stress 15
5.7.1. Heat Stress 15

6. AIR MONITORING 18

6.1. Direct Reading Instrumentation 18

6.2. Personal Exposure Monitoring 18

6.3. Calibration and Recordkeeping 18

7. PERSONAL PROTECTIVE EQUIPMENT 19

7.1. Protective Clothing 19

7.2. Respiratory Protection 19

7.3. Other Safety Equipment 20

8. SITE CONTROL 21

8.1. Designation of Zones 21

8.2. Exclusion Zone 21

8.3. Contamination Reduction Zone 21

8.4. Support Zone 21

8.5. Safety Measures/Precautions 21

9. DECONTAMINATION 23

10. MEDICAL/TRAINING REQUIREMENTS 24

10.1. Medical Surveillance 24
10.1.1. Drug and Alcohol Testing 24

10.2. Training 24

10.3. Site Safety Meetings 24

11. AUDITS AND INSPECTIONS 25

12. INCIDENT RESPONSE 26

12.1. Emergencies 26

12.2. Incident Reporting/Investigation 27
12.2.1. ENSR Requirements 27
12.2.2. AmeriPride Requirements 28

1. INTRODUCTION

1.1. Purpose

This Health and Safety Plan (HASP) has been developed by ENSR Corporation (ENSR). The purpose of this plan is to minimize potential risk to personnel implementing environmental investigation, including soil boring, well installation, and soil and water sampling, at the former Welch's Uniform site, located at 3505 Pasadena Avenue, in Los Angeles, California. The provisions of this HASP apply to ENSR personnel who will be potentially exposed to safety and/or health hazards associated with the investigative tasks outlined in Section 3.0 of this HASP.

This HASP has been written to comply with the California Occupational Safety and Health Administration's (Cal-OSHA) Hazardous Waste Operations and Emergency Response Standard (Title 8, California Code of Regulation Section 5192). All activities covered by this HASP must be conducted in complete compliance with all applicable federal, state and local health and safety regulations. Personnel covered by this HASP who cannot or will not comply with these requirements will be excluded from site activities

1.2. Modifications

Every effort has been made to address the hazards associated with the types of chemical contamination that may be encountered at this site. Similarly, this document also discusses the physical hazards associated with the typical types of activities that may be performed by ENSR employees or subcontractors during an environmental investigation. Unanticipated site-specific conditions or situations may occur during the implementation of the proposed environmental investigations that are not addressed in this document. As such, this HASP must be considered a working document that is subject to change to meet the needs of each site investigation.

Prior to working at this site, the Project Manager (PM) or Field Technician will review with the Regional Health and Safety Manager (RHSM), the scope of work and the expected nature and extent of contamination at the site. If unique site hazards are present or different investigative tasks are proposed that have not been addressed in this HASP, it will be necessary to modify this HASP. All proposed modifications to this HASP must be reviewed and approved by the RHSM before such modifications are implemented in the field. Modifications to the HASP will be incorporated into the document as addenda.

1.3. Approval and Dissemination

All ENSR personnel covered by this HASP must read a copy of it and return the HASP signoff sheet (Attachment A) to the ENSR Site Safety Officer (SSO) prior to the start of on-site activities.

1.4. Responsibilities

The implementation of health and safety at this project location will be the shared responsibility of the ENSR Project Manager (PM), the ENSR Regional Health and Safety Manager (RHSM), the ENSR Project Site Safety Officer (SSO) and all other ENSR personnel.

1.4.1. Project Manager

The ENSR PM (Jeff Otter) is responsible for ensuring that the requirements of this HASP are implemented at this project location. Some of the PM's specific responsibilities include:

- Assuring that all personnel to whom this HASP applies have received a copy of it;
- Providing the RHSM with updated information regarding environmental conditions at the site and the scope of site work;
- Providing adequate authority and resources to the on-site SSO to allow for the successful implementation of all necessary safety procedures;
- Supporting the decisions made by the SSO and RHSM;
- Maintaining regular communications with the SSO and, if necessary, the RHSM; and,
- Providing project scheduling and planning activities.

1.4.2. Regional Health and Safety Manager

The ENSR RHSM (Joe Sanders) is the individual responsible for the preparation, interpretation and modification of this HASP. Modifications to this HASP which may result in less stringent precautions cannot be undertaken by the PM or the SSO without the approval of the RHSM. Specific duties of the RHSM include:

- Writing, approving and amending the HASP for this project;
- Advising the PM and SSOs on matters relating to health and safety;

- Recommending appropriate personal protective equipment (PPE) and air monitoring instrumentation; and

- Maintaining regular contact with the PM and SSO to evaluate the conditions at the property and new information which might require modifications to the HASP.

1.4.3. Site Safety Officer

All ENSR field technicians are responsible for implementing the safety requirements specified in this HASP. However, one field technician will serve as the SSO at each site. The SSO will be appointed by the PM for the investigation at this AmeriPride site. S/he will be on-site during all activities covered by this HASP. The SSO is responsible for enforcing the requirements of this HASP once work begins. The SSO has the authority, and the responsibility, to immediately correct all situations where noncompliance with this HASP is noted and to immediately stop work in cases where an immediate danger is perceived. Some of the SSO's specific responsibilities include:

- Assuring that all ENSR personnel to whom this HASP applies have submitted a completed copy of the HASP sign-off form;

- Assuring that all ENSR personnel to whom this HASP applies have attended a pre-entry briefing prior to entering a restricted area;

- Maintaining a high level of health and safety consciousness among ENSR employees at the work site;

- Procuring and distributing the PPE needed for this project for ENSR employees;

- Procuring the air monitoring instrumentation required and performing air monitoring for ENSR activities;

- Verifying that all PPE and health and safety equipment used by ENSR employees is in good working order;

- Setting up and maintaining the cleanup zone within the restricted areas;

- Notifying the PM of all noncompliance situations and stopping work in the event that an immediate danger situation is perceived;

- Monitoring and controlling the safety performance of ENSR personnel within the established restricted areas to ensure that required safety and health procedures are being followed and correcting any deficiencies;

- Conducting accident/incident investigations and preparing accident/incident investigation reports;

- Conducting the pre-entry briefing as required by Section 9.3 of the HASP; and,

- Initiating emergency response in accordance with Section 10.0 of this HASP.

1.4.4. Field Personnel

All ENSR personnel are responsible for following the health and safety procedures specified in this HASP and for performing their work in a safe and responsible manner. Some of the specific responsibilities of the field personnel are as follows:

- Reading the HASP in its entirety prior to the start of on-site work;

- Submitting a completed HASP Acceptance Form and documentation of medical surveillance and training to the SSO prior to the start of work;

- Attending the pre-entry briefing prior to beginning on-site work;

- Bringing forth any questions or concerns regarding the content of the HASP to the PM or the SSO prior to the start of work;

- Reporting all accidents, injuries and illnesses, regardless of their severity, to the ENSR SSO; and,

- Complying with the requirements of this HASP and the requests of the SSO.

2. SITE HISTORY / DESCRIPTION

2.1. Property Location and History

The subject property, former Welch's Uniform site, is located at 3505 Pasadena Avenue, in Los Angeles, California. The site is currently vacant.

3. SCOPE OF WORK

The current scope of work will be to perform soil boring and well installation on this former Welch's Uniform site. The soil boring and well installation will be performed with a hollow-stem auger (HAS), however some soil boring may be performed with hand tools. Well installation will be completed for some soil borings. Soil and water samples may be collected.

4. HAZARD ASSESSMENT

The following chemical and physical hazard assessment applies to the proposed tasks as described in Section 3.0.

4.1. Chemical Hazards

The following types of chemicals may be present as contaminants of concern during the proposed investigation at this property.

- Petroleum hydrocarbons including total petroleum hydrocarbons-gasoline type (TPH-G), total petroleum hydrocarbons-Diesel type (TPH-D), benzene, toluene, ethylbezene and xylene (BTEX) and MTBE associated with use as a gasoline additive; and
- Chlorinated hydrocarbons, Trichloroethylene (TCE), and perchloroethylene (PCE).

4.1.1. Gasoline

Gasoline is a highly complex mixture of more than 150 aliphatic and aromatic hydrocarbons including small amounts of benzene, toluene, xylene, and sometimes additives, such as tetraethyl lead or methyl tertiary butyl ether. The actual composition varies with the source of the crude petroleum, the manufacturer, and the time of year.

Gasoline is a colorless, pale brown, or pink liquid. Gasoline is very flammable; it catches on fire quite easily, evaporates quickly, and forms explosive mixtures with air. Most people can begin to smell gasoline at 0.25 parts of gasoline per million parts of air (ppm). Gasoline may be present in the air, groundwater, and soil. Gasoline does not dissolve readily in water. However, some of the chemicals that make up gasoline can dissolve easily in water.

Exposure to the vapors of gasoline above its exposure limit may produce irritation of the mucous membranes of the upper respiratory tract, nose and mouth. Overexposure may also result in the depression of the central nervous system. Symptoms of such exposure include drowsiness, headache, fatigue and drunken-like behaviors. Another common effect is irritation of the skin and mucous membranes of the upper respiratory tract. Repeated or prolonged skin contact may result in dermatitis due to defatting of the skin.

The American Conference of Governmental Industrial Hygienists (ACGIH) has recommended a threshold limit value (TLV) of 300 ppm for gasoline as an 8-hour time weighted average (TWA).

4.1.1.1. Fuel Oils (Diesel, etc.)

Fuel oils are generally considered to be of moderate to low toxicity. Federal or recommended airborne exposure limits have not been established for the vapors of fuel oils. However, inhalation of low concentrations of the vapor of either may cause mucous membrane irritation. Inhalation of high concentrations of the vapors may cause extensive pulmonary edema. Chronic direct skin contact with the liquids may produce skin irritation as a result of defatting. Repeated skin contact may also cause irritation of the hair follicles and block the sebaceous glands. This produces a rash of acne pimples and spots, usually on the arms and legs.

4.1.2. Methyl Tertiary Butyl Ether

Methyl tertiary butyl ether (MBTE) is an additive used to increase the octane ratings of gasoline. Direct contact with the liquid may cause minor skin and eye irritation. Prolonged or repeated inhalation of MTBE vapor may cause irritation of the respiratory tract as well as depression of the central nervous system. The ACGIH recommends a TLV of 50 ppm, as an 8-hr TWA.

4.2. Chlorinated Hydrocarbons

4.2.1. Chlorinated Solvents Associated With Degreasers

Chlorinated organic compound contamination may be present at some properties due to the previous uses of the property including auto repair garages which typically use or have used chlorinated solvents for the degreasing of metal parts. Off-site sources, such as dry-cleaning operations, may also be a source of chlorinated solvent contamination. Typical solvents include tetrachloroethylene (perchloroethylene) and trichloroethylene (TCE).

Overexposure to the chlorinated organic solvents that may be present in the site groundwater and soils may result in depression of the central nervous system, symptoms of which include, dizziness, headache, giddiness and drunken-like behaviors. Chronic overexposures can result in liver and kidney damage. The OSHA PEL for trichloroethylene and tetrachloroethylene is 100 ppm. The ACGIH recommends a TLV of 50 ppm for trichloroethylene and 25 ppm for tetrachloroethylene.

4.2.2. Hazardous Properties of Potential Chemical Contaminants

Chemical Name	PEL[1]	TLV[2]	VP[3]	VD[4]	SG[5]	SOL[6]	FP[7]	LEL[8]	UEL[9]
Gasoline	NE	300	>400	3	0.8	Neg.	<-40	1.4	7.6
Benzene	1	0.5	75	2.8	0.88	0.07	12	1.2	7.8
Toluene	200	50	21	3.1	0.87	0.07	40	1.1	7.1
Ethylbenzene	100	100	7	3.7	0.87	0.01	55	0.8	6.7
Xylene	100	100	7	3.7	0.88	0.02	90	0.9	6.7
MTBE	NE	50	245	3.0	0.74	2	-15	1.5	?
Diesel Fuel Oil	NE	NE	0.5	>2	0.85	Neg.	>52	0.6	7.0
Trichloroethylene	100	50	58	4.5	1.5	0.1	?	8.0	10.5
Tetrachloroethane	100	25	14	5.9	> 1	0.02	NA	NA	NA

1 Permissible Exposure Limit in ppm
2 Threshold Limit Value in ppm
3 Vapor Pressure in mm Hg
4 Vapor Density (air = 1)
5 Specific Gravity (water = 1)
6 Solubility in Water in %
7 Flash Point in F
8 Lower Explosive Limit in % by volume
9 Upper Explosive Limit in % by volume
NE = Not Established
NA = Not Applicable
? = Not known

4.2.3. Hazardous Substances Brought On-Site by ENSR or Subcontractor

A material safety data sheet (MSDS) must be available for each hazardous substance that ENSR or subcontractor brings onto the property. This includes solutions/chemicals that will be used to decontaminate sampling equipment. For this program, Alconox soap is the only solution being used to decontaminate sampling equipment.

In addition, all containers of hazardous materials must be labeled in accordance with OSHA's Hazard Communication Standard. Either the original manufacturer's label or an NFPA 704M label specific for the material (as shown at the right) is considered to be an acceptable label.

4.3. Hazard Potential / Control

4.3.1. Hazard Potential

The potential hazardous exposures based on the proposed activities include:

- Dermal or respiratory exposure to potential contaminants during soil boring and sampling activities; and
- Physical hazards, as discussed in Section 5, below.

4.3.2. Hazard Control

Hazards can be identified and controlled in several ways.

- To reduce the potential for exposure to contaminants, personal protective equipment (PPE), as described in Section 7.1 of this HASP, will be worn; and
- Protection from physical hazards, as addressed in Section 5.

5. PHYSICAL HAZARDS

5.1. Traffic Concerns

Although the site is currently vacant, soil borings and monitoring wells may be located in the street. Therefore, vehicles may be moving through work areas or entering and exiting the property on an ongoing basis during the day. Employees should don traffic safety vests and set up cones to increase their visibility to motorists. Also, drilling vehicles will be used, and must be directed in backing or moving when employees may be exposed.

For soil borings and wells to be installed in the road or right of way, a full traffic control plan (TCP) will be required to protect employees and prevent traffic concerns for the public. Employees must wear traffic vests (minimum Type II), use cones or safety barricades to control traffic, and hire flaggers if necessary, as well as filing a traffic control plan with the authorities.

5.2. Utility Hazards

5.2.1. Underground Utilities

ENSR will contact the appropriate utility clearance organization in California to request a mark-out of natural gas, electric, telephone, cable television, water and sewer lines in the proposed boring or excavation locations. Work will not begin until the required utility clearances have been performed. Table 1 summarizes the utility clearance requirements in Southern California. Public utility clearance organizations typically do not mark-out underground utility lines that are located on private property. ENSR must exercise due diligence and try to identify the location of any private utilities, as well as dispensing lines, on the properties being investigated. ENSR can fulfill this requirement in several ways, including:

- Obtaining as-built drawings for the areas being investigated from the property owner;
- Visually reviewing each excavation location with the property owner or knowledgeable site representative;
- Performing a geophysical survey to locate utilities or hiring a private line locating firm to determine the location of utility lines that are present at the property;
- Identifying a no-dig zone; or
- Hand digging, or air-knifing to 5' in the proposed drilling or excavation locations if insufficient data is available to accurately determine the location of the utility lines.

TABLE I
UTILITY CLEARANCE REQUIREMENTS

State	Notification Time	Contact
CA South	2 Working Days	Underground Service Alert South (800) 227-2600 http://www.digalert.org/

(Work performed in other states requires that the appropriate agency be notified before intrusive work; see the ENSR H&S website: http://intranet.ensr.com/healthweb)

5.2.2. Overhead Utilities

Be particularly aware of overhead power lines in the work area. Any vehicle or equipment capable of having parts of its structure elevated (drill rig, crane etc.) near energized overhead lines shall be operated so that a clearance of at least 10 feet is maintained. If the voltage is higher than 50kV, the clearance shall be increased 4 inches for every 10kV over that voltage. Personnel should also be aware of the limited clearances associated with the canopy that typically covers the dispensing island.

5.3. Drilling Hazards

5.3.1. Conventional Drilling

Use of a drill rig to advance soil borings and install monitoring wells will require all personnel in the vicinity of the operating rig to wear steel-toed boots, hardhats, hearing protection and safety eyewear. Personnel shall not remain in the vicinity of operating equipment unless it is required for their work responsibilities. Additionally, the following safety requirements must be adhered to:

- All drill rigs and other machinery with exposed moving parts must be equipped with an operational emergency stop device. Drillers and geologists must be aware of the location of this device. This device must be tested prior to job initiation and periodically thereafter. The driller and helper shall not simultaneously handle augers unless there is a standby person to activate the emergency stop.
- The driller must never leave the controls while the tools are rotating unless all personnel are kept clear of rotating equipment.

- A long-handled shovel or equivalent must be used to clear drill cuttings away from the hole and from rotating tools. Hands and/or feet are not to be used for this purpose.

- A remote sampling device must be used to sample drill cuttings if the tools are rotating or if the tools are readily capable of rotating. Samplers must not reach into or near the rotating equipment. If personnel must work near any tools which could rotate, the driller must shut down the rig prior to initiating such work.

- Drillers, helpers and geologists must secure all loose clothing when in the vicinity of drilling operations.

- Only equipment which has been approved by the manufacturer may be used in conjunction with site equipment and specifically to attach sections of drilling tools together. Pins that protrude excessively from augers shall not be allowed

- No person shall climb the drill mast while tools are rotating.

- No person shall climb the drill mast without the use of ANSI-approved fall protection (approved belts, lanyards and a fall protection slide rail) or portable ladder which meets the requirements of OSHA standards.

5.4. Cuts and Lacerations

Employees are at an increased risk of cutting themselves since a knife or blade is typically used to cut the tubing or bailer string used to collect groundwater samples. To avoid this hazard, a tube cutter should be used. If such a tool is not available, when using knives or blades, follow the safety precautions listed below:

- Keep your free hand out of the way

- Use only sharp blades; dull blades require more force which results in less knife control

- Pull the knife toward you; pulling motions are easier to manage

- Don't put your knife in your pocket

- Use a utility knife with a self-retracting blade

- Wear leather or Kevlar™ gloves when using knives or blades.

5.5. Electrically Powered Tools

If using portable tools that are electrically powered, follow the safety precautions listed below:

- Check to see that electrical outlets used to supply power during field operations is of the three wire grounding type.

- Extension cords used for field operations should be of the three wire grounding type and designed for hard or extra-hard usage. This type of cord uses insulated wires within an inner insulated sleeve and will be marked S, ST, STO, SJ, SJO or SJTO.

- NEVER remove the ground plug blade to accommodate ungrounded outlets.

- Do not use extension cords as a substitute for fixed or permanent wiring. Do not run extension cords through openings in walls, ceilings or floors.

- Protect the cord from becoming damaged if the cord is run through doorways, windows or across pinch points.

- Examine extension and equipment cords and plugs prior to each use. Damaged cords with frayed insulation or exposed wiring and damaged plugs with missing ground blades MUST BE REMOVED from service immediately.

- All portable or temporary wiring which is used outdoors or in other potentially wet or damp locations must be connected to a circuit that is protected by a ground fault circuit interrupter (GFCI). GFCI's are available as permanently installed outlets, as plug-in adapters and as extension cord outlet boxes. DO NOT CONTINUE TO USE A PIECE OF EQUIPMENT OR EXTENSION CORD THAT CAUSES A GFCI TO TRIP.

- When working in flammable atmospheres, be sure that the electrical equipment being used is approved for use in Class I, Division I atmospheres.

- Do not touch a victim who is still in contact with current. Separate the victim from the source using a dry, nonmetallic item such as a broomstick or cardboard box. Be sure your hands are dry and you are standing on a dry surface. Turn off the main electrical power switch and then begin rescue efforts.

5.6. Back Safety

Using the proper techniques to lift and move heavy pieces of equipment, such as well pumps or buckets of purge water, is important to reduce the potential for back injury. The following precautions should be implemented when lifting or moving heavy objects.

- Use mechanical devices to move objects that are too heavy to be moved manually
- If mechanical devices are not available, ask another person to assist you.
- Bend at the knees, not the waist. Let your legs do the lifting.
- Do not twist while lifting
- Bring the load as close to you as possible before lifting
- Be sure the path you are taking while carrying a heavy object is free of obstructions and slip, trip and fall hazards

5.7. Thermal Stress

Work at this site may be performed in the warm summer months, so the hazards associated with heat stress are discussed in this HASP.

5.7.1. Heat Stress

Types of Heat Stress

Heat related problems include heat rash, fainting, heat cramps, heat exhaustion and heat stroke. Heat rash can occur when sweat isn't allowed to evaporate, leaving the skin wet most of the time and making it subject to irritation. Fainting may occur when blood pools to lower parts of the body and as a result, does not return to the heart to be pumped to the brain. Heat related fainting often occurs during activities that require standing erect and immobile in the heat for long periods of time. Heat cramps are painful spasms of the muscles due to excessive salt loss associated with profuse sweating. Heat exhaustion results from the loss of large amounts of fluid and excessive loss of salt from profuse sweating. The skin will be clammy and moist and the affected individual may exhibit giddiness, nausea and headache.

Heat stroke occurs when the body's temperature regulatory system has failed. The skin is hot, dry, red and spotted. The affected person may be mentally confused and delirious. Convulsions

could occur. EARLY RECOGNITION AND TREATMENT OF HEAT STROKE ARE THE ONLY MEANS OF PREVENTING BRAIN DAMAGE OR DEATH. A person exhibiting signs of heat stroke should be removed from the work area to a shaded area. The person should be soaked with water to promote evaporation. Fan the person's body to increase cooling.

Early Symptoms of Heat-Related Health Problems:

- decline in task performance
- incoordination
- decline in alertness
- unsteady walk
- excessive fatigue
- reduced vigilance
- muscle cramps
- dizziness

Susceptibility to Heat Stress Increases due to:

- lack of physical fitness
- lack of acclimation
- increased age
- dehydration
- obesity
- drug or alcohol use
- sunburn
- infection

People unaccustomed to heat are particularly susceptible to heat fatigue. First timers in PPE need to gradually adjust to the heat.

The Effect of Personal Protective Equipment

Sweating normally cools the body as moisture is removed from the skin by evaporation. However, the wearing of certain personal protective equipment (PPE), particularly chemical protective coveralls (e.g., Tyvek), reduces the body's ability to evaporate sweat and thereby regulate heat buildup. The body's efforts to maintain an acceptable temperature can therefore become significantly impaired by the wearing of PPE.

Measures to Avoid Heat Stress:

The following guidelines should be adhered to when working in hot environments:

- Establish work-rest cycles (short and frequent are more beneficial than long and seldom).
- Identify a shaded, cool rest area.
- Rotate personnel, alternative job functions.
- Water intake should be equal to the sweat produced. Most workers exposed to hot conditions drink less fluids than needed because of an insufficient thirst. DO NOT DEPEND ON THIRST TO SIGNAL WHEN AND HOW MUCH TO DRINK. For an 8-hour workday, 50 ounces of fluids should be drunk.

- Eat lightly salted foods or drink salted drinks such as Gatorade to replace lost salt.
- Save most strenuous tasks for non-peak heat hours such as the early morning or at night.
- Avoid alcohol during prolonged periods of heat. Alcohol will cause additional dehydration.
- Avoid double shifts and/or overtime.

The implementation and enforcement of the above mentioned measures will be the joint responsibility of the project manager, on-site field coordinator, and health and safety officer. Potable water and fruit juices should be made available each day for the field team.

Heat Stress Monitoring Techniques

Site personnel should regularly monitor their heart rate as an indicator of heat strain by the following method: Check radial pulse rates by using fore-and middle fingers and applying light pressure to the pulse in the wrist for one minute at the beginning of each rest cycle. If the pulse rate exceeds 110 beat/minute, shorten the next work cycle by one-third and keep the rest period the same. If, after the next rest period, the pulse rate still exceeds 110 beats/minute, shorten the work cycle by one-third.

.

6. AIR MONITORING

6.1. Direct Reading Instrumentation

Instrument I: Photoionization detector (PID)

A PID, such as a RaeSystems MiniRae 2000 ™ equipped with a 10.6 eV lamp and calibrated to isobutylene-in-air, will be used to screen the breathing zone of employees during the collection of groundwater samples. If breathing zone concentrations are sustained (15 minutes) at 25 units above background, Level C respiratory protection, as described in Section 7.2, will be donned. This 25 unit action limit is based on the PEL for PCE, however, if no PCE is found on site, the action level for TPH is 50 PID units, based on the following:

The current TLV for gasoline is 300 ppm. The most toxic component of gasoline is benzene, whose current TLV is 0.5 ppm. Studies done by McDermott and Killiany in 1978 (Quest for a Gasoline TLV – AIHAJ 39:110-117, 1978) indicate that the benzene content of gasoline vapor is typically in the range of 0.4%. To assure that employee exposures to benzene remain below the current TLV of 0.5 ppm, ENSR has established an action limit of 50 ppm total VOCs (i.e., approximately 0.5 ppm/0.4%) for gasoline contaminated sites. Based upon RaeSystems response data for gasoline on an isobutylene-in-air calibrated instrument (i.e., 1.0), this equates to an instrument reading of 50 units.

6.2. Personal Exposure Monitoring

Personal exposure monitoring will not be conducted.

6.3. Calibration and Recordkeeping

The PID will be calibrated on a daily basis in accordance with ENSR's Standard Operating Procedure and manufacturer's instructions. All PID readings will be recorded in the field notebook or on dedicated air monitoring result sheets. In addition, all calibrations must be recorded.

7. PERSONAL PROTECTIVE EQUIPMENT

To prevent direct dermal contact with potentially contaminated groundwater, the following protective clothing requirements will be followed:

7.1. Protective Clothing

PPE Item	General	Soil Boring and Well Installation	Soil / Water Sampling
Hard hat	√	√	√
Safety glasses	√	√	√
Face shield			
Steel-toed boots	√	√	√
Gloves, Inner PVC			√
Gloves, Outer Nitrile			√
Gloves, Kevlar or Leather		√	(1) (when using knife to cut tubing)
Hearing Protection			
Traffic Vest	√	√	√
Tyvek			
Polycoated Tyvek		1	1
Chainsaw Chaps			

1. When liquid contaminants may be contacted by employees, impervious Gloves and work clothing must be worn.

7.2. Respiratory Protection

A PID will be used to screen the breathing zone of employees during soil boring, well installation, and collection of groundwater samples. If breathing zone concentrations are sustained (15 minutes) at 25 units above background, Level C respiratory protection, will be donned.

Level C Specification - Half-mask air-purifying respirator equipped with organic vapor cartridges

All employees who are expected to don respiratory protection must have successfully passed a qualitative or quantitative fit-test within the past year for the same brand and size respirator they plan to don for this program.

7.3. Other Safety Equipment

The following additional safety equipment will be brought to the site:

- Portable eye wash
- First Aid Kit
- Portable phones

8. SITE CONTROL

To prevent both exposure to unprotected personnel and migration of contamination due to tracking by personnel or equipment, work areas along with personal protective equipment requirements will be clearly defined.

8.1. Designation of Zones

- Exclusion or "hot" Zone
- Contamination Reduction Zone (CRZ)
- Support Zone

8.2. Exclusion Zone

Exclusion zones should be established around each boring or sampling location. The exclusion zone should be outlined with traffic cones, caution tape, or stanchions to prohibit entry by the general public into the work area.

8.3. Contamination Reduction Zone

A mini-contamination reduction zone will be established immediately adjacent to each well location. This is where personnel will remove gloves and dispose of any other items that can not be re-used during the sampling effort. Used PPE can be placed in garbage bags and disposed of as general refuse.

8.4. Support Zone

The support zone will consist of those areas around the exclusion zone where equipment is staged. Eating, drinking and smoking will be limited to this area.

8.5. Safety Measures/Precautions

The following measures are designed to augment the specific health and safety guidelines provided in this plan.

- ENSR personnel are not expected to work alone on remote sites. On most sites, client, subcontractor, or public personnel are generally nearby in case of an emergency or accident. ENSR personnel, through coordination, can rely upon these personnel for assistance in an emergency. If no one else is nearby, scheduled call-in's on a cell phone may be used to assure personal safety.

- Avoidance of contamination is of the utmost importance. Whenever possible, avoid contact with contaminated (or potentially contaminated) surfaces or materials. Walk around (not through) puddles and discolored surfaces. Do not kneel on the ground or set equipment on the ground. Protect air monitoring equipment from water by bagging.

- Eating, drinking, chewing gum or tobacco, smoking or any practice that increases the probability of hand-to-mouth transfer and ingestion of materials is prohibited in the immediate work area and the decontamination zone.

- Hands and face must be thoroughly washed upon leaving the work area and before eating, drinking or any other activities.

- Beards or other facial hair that interfere with respirator fit are prohibited.

- The use of alcohol or illicit drugs is prohibited during the conduct of field operations.

- All equipment must be decontaminated or properly discarded before leaving the site in accordance with the project work plan.

- Safety equipment described in Section 6.0 will be required for all field personnel unless otherwise approved by the RHSM.

9. DECONTAMINATION

Proper decontamination is required of all personnel before leaving potentially contaminated areas. The extent of personnel decontamination will depend on the amount of contamination encountered. Personnel decontamination will be accomplished by following a systematic procedure of cleaning and removing personal protective clothing. Generally, this included a three-basin wash and rinse system, however on sites with a very low potential for contamination, a soap and water wash station may be sufficient.

Regardless of the type of decontamination system required, if washing facilities are unavailable, a container of potable water and liquid soap must be made available so employees can wash their hands and face before leaving the site for lunch or for the day.

10. MEDICAL / TRAINING REQUIREMENTS

10.1. Medical Surveillance

All personnel performing activities covered by this HASP must be active participants in a medical monitoring program which complies with 29 CFR 1910.120 (f). Each individual must have completed an annual surveillance examination and/or an initial baseline examination within the last year prior to performing any work on this site covered by this HASP.

10.1.1. Drug and Alcohol Testing

All employees performing filed-work covered by this HASP must comply with AmeriPride's requirements for drug and alcohol testing requirements.

10.2. Training

All personnel performing activities covered by this HASP must have completed the appropriate training requirements specified in 29 CFR 1910.120 (e). Each individual must have completed an annual 8-hour refresher-training course and/or initial 40-hour training course within the last year prior to performing any work on this site covered by this HASP.

In addition, each project location must have at least one staff member present on site at all times who is currently trained in First Aid and CPR (Cardio Pulmonary Resuscitation).

10.3. Site Safety Meetings

Prior to the commencement of investigative activities at each project location, a site safety meeting will be conducted by the SSO to review the specific requirements of this HASP. Attendance at this pre-entry briefing is mandatory and will be documented (see Attachment B).

Short safety refresher meetings will be conducted at least every 10 days thereafter, or as otherwise needed, throughout the duration of the project.

11. AUDITS AND INSPECTIONS

Safety audits must be conducted and documented for each project location on a monthly basis. In order to meet this requirement, typically these inspections will have to be conducted by the ENSR field team leader and/or project manager.

For short duration jobs (i.e., one week or less), the safety inspection should be conducted shortly after the work has commenced. For longer duration jobs, the inspection should be conducted shortly after commencement and monthly thereafter.

Audits should be documented on the ENSR PM Audit Checklist. To reduce the overall length of this HASP, a copy of the audit checklist is embedded below. Access the checklist by clicking on the icon below. ENSR PMs should print out a copy of the checklist before leaving for the job site, unless a computer and printer will be available at the site.

"Audit Inspection Checklist.xls"

12. INCIDENT RESPONSE

12.1. Emergencies

According to ENSR policy, ENSR personnel shall not participate in any emergency response where there are potential safety or health hazards (i.e., fire, explosion, or chemical exposure). ENSR response actions will be limited to evacuation and medical/first aid as described within this section below. As such, this section of the HASP has been written to comply with 29 CFR 1910.38 (a).

The basic elements of an emergency evacuation plan include employee training, alarm systems, escape routes, escape procedures, critical operations or equipment, rescue and medical duty assignments, designation of responsible parties, emergency reporting procedures and methods to account for all employees after evacuation.

Employee Training: Employees must be instructed in the specific aspects of emergency evacuation applicable to the site as part of the pre-entry briefing prior to the commencement of all on-site activities. On-site refresher or update training is required anytime escape routes or procedures are modified or personnel assignments are changed.

Alarm Systems/Emergency Signals: An emergency communication system must be in effect at all sites. The most simple and effective emergency communication system in many situations will be direct verbal communications.

Due to the small size of the AmeriPride site, direct communications will be sufficient to warn all employees of a site-related emergency. The property is vacant. Therefore, ENSR must bring cellular phones to the to summons emergency responders, if necessary.

Escape Routes and Procedures: The escape route from the work location will be via Gravenstein Highway. The route will be reviewed with all employees during the pre-entry briefing.

Critical Operations and Equipment: All equipment and operations are required to cease in the event of site evacuation. The only exception will be related to health and safety. The PM or SSO must determine at the time of an emergency if health and safety will be jeopardized by immediate stoppage of any particular piece of equipment or personal activities. If such a determination is made, personnel involved in critical duties must be minimized and special instructions must be established.

Rescue and Medical Duty Assignments: Prior to initiating work at the site, an ENSR field team member, usually the SSO, shall be appointed to activate emergency response actions. In

the event an injury or illness requires more than first aid treatment, that individual will accompany the injured person to the medical facility and will remain with the person until release or admittance is determined. The escort will relay all appropriate medical information to the on-site project manager and the RHSM.

If the injured employee can be moved from the accident area, he or she will be brought to the CRZ where their PPE will be removed. If the person is suffering from a back or neck injury the person will not be moved and the requirements for decontamination do not apply. The SSO must familiarize the responding emergency personnel about the nature of the site and the injury. If the responder feels that the PPE can be cut away from the injured person's body, this will be done on-site. If this not feasible, decontamination will be performed after the injured person has been stabilized.

Designation of Responsible Parties: The SSO is responsible for initiating emergency response. In the event the SSO can not fulfill this duty, the alternate SSO will take charge. All personnel on site are responsible for knowing the escape route from the site.

Employee Accounting Method: The on-site project manager or SSO is responsible for identifying all ENSR and subcontractor personnel on-site at all times. On small, short duration jobs this can be done informally as long as accurate accounting, via a head-count, is possible.

12.2. Incident Reporting/Investigation

12.2.1. ENSR Requirements

All work-related injuries and illnesses, regardless of severity, must be reported to the ENSR field team leader and/or project manager immediately. The field team leader and/or project manager must report the incident to the ENSR RHSM as soon as possible. Utilize the RHSMs voice mail or e-mail if the incident occurs after hours.

In addition, all near miss incidents must be reported to the ENSR RHSM as soon as possible.

An ENSR Supervisor's Accident Investigation Report form (Attachment C) must be completed by the ENSR field team leader and/or project manager in accordance with the instructions provided by the RHSM and submitted to the RHSM within 24 hours of occurrence of the incident.

If a subcontractor is injured, he/she should report to their supervisor immediately, who in turn, must report the injury to the ENSR SSO.

12.2.2. AmeriPride Requirements

All significant near misses and serious incidents (e.g., fatalities, lost workday cases, significant property damage) must be immediately reported to one of the AmeriPride Representative listed on the following page.

In addition, all vehicle accidents that occur on AmeriPride property must be investigated and a copy of the accident investigation must be submitted to one of the AmeriPride Representatives within 24 hours of occurrence.

EMERGENCY REFERENCES

Ambulance Service:	9-1-1
Police:	9-1-1
Fire:	9-1-1

Local Hospital:

USC University
Hospital

(323) 442-8500

1500 San Pablo St F17
Los Angeles, CA
90089

Directions to Hospital:	(next page)
Nearest Onsite Phone:	Cellular phones required.

AMERIPRIDE REPRESENTATIVES

ENSR REPRESENTATIVES:

ENSR –Santa Ana, CA	949-756-2667
William Glenn	949-756-2667
ENSR-Ft Collins, CO	970-970-8878

- Joe Sanders (RHSM)x 109 / or (home: 970-225-9627)

Route to Hospital

ATTACHMENT A

Health and Safety Plan Signoff Sheet

Health and Safety Plan Signoff Sheet

Environmental Investigation
Performed at Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles , California

I have received a copy of the Health and Safety Plan prepared for the above referenced site, I have read and understand its content and I agree that I will abide by its requirements.

Name	Signature	Company	Date

ATTACHMENT B

Pre-Entry Briefing Attendance Sheet

ENSR HEALTH AND SAFETY PLAN PRE-ENTRY BRIEFING ATTENDANCE FORM

Environmental Investigation
Performed at Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles , California

Conducted by:		Date Performed:	
Topics Discussed:	1. Review of the content of the HASP (Required)		
	2.		
	3.		
	4.		

Attendees (Printed):	Signature	Representing

ATTACHMENT C

Supervisor's Accident Investigation Report

ATTACHMENT 8.1
Supervisor's Accident Investigation Report

Injured Employee _____ Job Title _____

Home Office _____ Division/Department _____

Date/Time of Accident _____

Location of Accident _____

Witnesses to the Accident _____

Injury Incurred? _____ Nature of Injury _____

_____

Engaged in What Task When Injured? _____

_____

Will Lost Time Occur? _____ How Long? _____ Date Lost Time Began _____

Were Other Persons Involved/Injured? _____

How Did the Accident Occur? _____

_____

_____

Why Did it Occur? _____

_____

_____

What Could Be Done to Prevent Recurrence of the Accident? _____

_____

_____

What Actions Have You Taken Thus Far to Prevent Recurrence? _____

_____

_____

Supervisor's Name _____ Signature: _____ Date: _____

Note: If the space provided on this form is insufficient, provide additional information on separate paper and attach. The completed accident investigation report must be submitted to the ENSR Regional Health and Safety Manager within three days of the occurrence of the accident.

ENSR | AECOM

999 West Town and Country Road
4th Floor
Orange, California 92868
(714) 973-9740
Fax (714) 973-9750
www.ensr.aecom.com

February 9, 2007

Ms. Martina Diaz
Department of Toxic Substances Control
1011 North Grandview Avenue
Glendale, CA 91201

RE: 4th Quarter 2006 Groundwater Sampling Results
Former Welch's Uniform Facility
3505 Pasadena Avenue, Los Angeles, California
SLIC Case No. 833, Global ID No. SL2044PI598
ENSR Project No. 10770-003

Dear Ms. Diaz:

On behalf of AmeriPride Services Inc., ENSR Corporation (ENSR) is pleased to present this report documenting the results of the 4th quarter 2006 groundwater monitoring event conducted at the above referenced facility on December 21, December 22, and December 28, 2006. The location of the facility is shown on **Figure 1**. The 4th quarter 2006 groundwater monitoring event included 17 groundwater monitoring wells (MW-2, MW-3, MW-7, MW-8A, MW-9A, MW-9B, MW-10A, MW-10B, MW-13A, MW-13B, MW-14, MW-15, MW-16A, MW-16B, MW-16C, K-1, and K-2) as shown on **Figure 2**. The groundwater monitoring wells were installed at the site between 1987 and 2006 and have generally been sampled on a quarterly basis since installation. Well MW-12 was not included in the recent monitoring event because its wellhead was inadvertently destroyed by an unknown party during unauthorized grading work at the site.

BACKGROUND

The property has historically been used as a commercial dry-cleaning facility that utilized perchloroethylene (PCE) from 1924 to approximately 1993. Degradation products of petroleum solvents are also present in groundwater at varying relative concentrations. The property was last operated by Welch's Uniform, and is now owned by AmeriPride Services Inc (AmeriPride). AmeriPride is considering building a 30,000 square foot Apparel Center on the site within two years. All buildings associated with previous operation have been removed and the site is now a vacant lot (the status of building foundations is unclear). Approximately 25 underground storage tanks (USTs) may have once

been in service at the site, and although there is documentation reporting that 17 USTs have been removed, records describing the status of the other tanks are incomplete.

SITE SETTING

The site is located in a relatively low density, mixed residential and industrial area approximately 3.5 miles northeast of downtown Los Angeles, California. Adjoining the western boundary of the site is a railroad track. The Arroyo Seco Channel is to the north, across from which is the Pasadena Freeway. To the south are industrial buildings, and to the east are residential homes and Hillside Elementary school.

The site vicinity is underlain by recent age alluvial and stream channel deposits consisting of coarse grained sand, gravel, and cobbles. These sediments are approximately 50 to 100 feet thick beneath the site (California Department of Water Resources [CDWR], 1961).

GROUNDWATER GAUGING

Monitoring wells MW-2, MW-3, MW-7, MW-8A, MW-9A, MW-9B, MW-10A, MW-10B, MW-13A, MW-13B, MW-14, MW-15, MW-16A, MW-16B, MW-16C, K-1, and K-2 were gauged on December 21st and 22nd, 2006. Monitoring wells MW-4 and K-3 were not sampled due to an obstruction in the wells. Monitoring well gauging data is summarized in **Table 1** and groundwater elevations and contours are illustrated on **Figure 3**.

The depth to groundwater ranged from 23.35 feet below ground surface (bgs) in MW-8A to 41.11 ft bgs in MW-13B. The groundwater elevation ranged from 350.05 feet above mean sea level (MSL) in MW-8A to 315.72 ft MSL in MW-15. Light Non-Aqueous Phase Liquid (LNAPL) was not measured in any of the monitoring wells. Based upon the December 21st and December 22nd, 2006 gauging data, the calculated direction of groundwater flow is towards the south-southwest, at a gradient of approximately 0.011 feet per foot.

GROUNDWATER SAMPLING

Groundwater purging was completed with a vacuum truck on December 21st and 22nd, 2006 using dedicated stingers installed at each well. Due to inclement weather on December 22nd, 2006, the vacuum truck was unable to access monitoring wells MW-3, MW-16A, MW-16B, and MW-16C. These wells were purged by a grundfos pump on December 28, 2006. The purge water from monitoring wells MW-3, MW-16A, MW-16B, and MW-16C is currently stored onsite in a 55-gallon Department of Transportation (DOT) approved drums.

A downhole instrument was used to measure water quality parameters during purging to help ensure that the monitored parameters are unaffected by the aeration occurring as fluids are air lifted up the stinger. A Horiba U-22 water quality meter was placed into the well and used to measure the following

parameters during well purging: pH, dissolved oxygen, temperature, specific conductivity, turbidity and oxidation-reduction potential. Well purging was deemed complete after at least three well volumes of water were removed, or stabilization of water quality readings was achieved. The stabilized water quality readings are summarized on **Table 2** and groundwater sampling logs are included in **Appendix A**. Groundwater purge forms for wells MW-3, -9A, -9B, 10A, -10B, -16A, -16B and -16C were not completed or submitted for senior review by the sampler. Because of this, ENSR is unable to verify that stabilization of parameters (such as temperature, pH, conductivity or turbidity) was achieved prior to groundwater sample collection for wells MW-3, -9A, -9B, 10A, -10B, -16A, -16B and -16C. However, based on standard operating procedures involving purging with a vacuum truck, the wells were most likely purged of at least three casing volumes prior to sample collection.

Approximately 526 gallons of purged groundwater were temporarily stored inside the vacuum truck then transported to US Filter Recovery Services in Vernon, CA for recycling/disposal. A non-hazardous waste manifest is included in **Appendix B**, which accounts for disposal of the 526 gallons of purged groundwater generated during this 4th quarter 2006 monitoring event.

After well purging had been completed and the water level had recovered to at least 80% of the original water level, groundwater samples were collected with a disposable bailer. Groundwater samples were transferred directly into laboratory supplied containers with the appropriate preservative and were stored on ice in a cooler. Samples were shipped under chain-of-custody to Calscience Environmental Laboratories, Inc. in Garden Grove, California. All samples submitted were analyzed for volatile organic compounds (VOCs) by Environmental Protection Agency (EPA) Method 8260B. Selected samples were analyzed for total petroleum hydrocarbons as gasoline and diesel (TPHg and TPHd, respectively) by modified EPA Method 8015, and for 1,4-Dioxane using EPA Method 8270M. Samples collected from wells MW-2, MW-3, MW-10A, MW-10B, MW-13A, MW-13B, MW-15, MW-16A, MW-16B, and MW-16C were analyzed for nitrate, nitrite, sulfate, ferrous iron, and methane.

VOC ANALYTICAL RESULTS

VOC laboratory analytical results for detected compounds are summarized in **Table 3**. Additional VOC laboratory analytical results from March 1998 to August 1991 are also summarized and presented in **Table 4**. The laboratory analytical report is included as **Appendix C**. The following VOCs were detected in one or more groundwater samples during the quarterly event:

VOCs Detected in One or More Groundwater Samples

acetone	tert-butyl alcohol
tert-butylbenzene	trichloroethene (TCE)
1,2 dichlorobenzene	cis-1,2-dichloroethene
chloroform	ethanol

1,1-dicloroethene	toluene
tetrachloroethene (PCE)	vinyl chloride
trans-1,2-dichloroethene	

Groundwater analytical results were compared to California Department of Health Services (DHS) Maximum Contaminant Level (MCLs) in drinking water because site-specific contaminant concentration goals have not yet been established. For chemicals that don't have established MCLs, analytical results were compared to DHS Action Levels (ALs) based on toxicity to humans, or to the Region 9 EPA Preliminary Remediation Goals (PRGs) for direct-contact with tap water (October 2004). Groundwater analytical results for detected analytes are illustrated on a site plan in **Figure 4.**

The following chemicals exceeded the listed water quality goals for the Fourth Quarter, 2006 sampling event::

- PCE concentrations were reported in well MW-16A at approximately 20 times the MCL, in well MW-3 at approximately 17 times the MCL, and between 1 and 5 times the MCL in wells MW-7, -9A, -10A, -13A, -13B, -14, -15, -16B, -16C, K-1 and K-2;
- TCE concentrations were reported in well MW-16A at approximately 40 times the MCL, and between 1 and 6 times the MCL in wells MW-3, -7, -9A, -10A, -13A, -14, -15, -16C, K-1 and K-2;
- Trans-1,2-dichloroethene (t-DCE) concentrations were reported in MW-15 and MW-16A at 1 to 3 times the MCL; and
- Cis-1,2-dichloroethene (c-DCE) concentrations were reported in well MW-16A at 183 times the MCL, in well MW-10A at 33 times the MCL, and between 1 and 15 times the MCL in wells MW-3, -7, -9A, -13A, -13B, -14, -15, -16C, K-1 and K-2.

The following VOCs were detected in the quality assurance, quality control (QA/QC) samples:

- The method blank analyzed on January 3, 2007 contained 1.1 microgram per liter (µg/L) of naphthalene, 0.48 µg/L of toluene, 0.44 µg/L of 1,2,3-trichlorobenzene, 0.36 µg/L of 1,2,4-tichlorobenzene, and 0.35 µg/L of p/m-xylene.

The VOCs detected in the QA/QC samples indicate potential equipment or lab contaminants that could introduce a high bias error in the analytical results for the groundwater samples. The samples from wells MW-16A and MW-16B were analyzed on January 3, 2007, and tested positive for only toluene of the five VOCs detected in the QA/QC sample. The toluene results of MW-16A and MW-16B may have a high bias error due to toluene being detected in the method blank. This potential error has been indicated in **Table 3** by adding a B-flag next to detections that are less than five times the greatest concentration measured in the QA/QC sample.

NATURAL ATTENUATION

Natural attenuation processes include biodegradation, dilution, dispersion, sorption, volatilization and abiotic degradation. Decreasing concentrations of chemicals dissolved in groundwater are typically the primary evidence that natural attenuation is occurring.

Figures 5 through 13 illustrate PCE, TCE and TPHg concentrations and groundwater elevations over time for wells K-1, K-2, K-3, MW-3, MW-9A, MW-10A, MW-13A, MW-14, and MW-15. Generally, the concentrations of these indicator compounds are stable or show a slightly decreasing trend. In March 2005, concentrations in many wells increased significantly (up to 40 times the concentrations measured during the previous event) and then declined during the following events. This increase in groundwater concentrations generally corresponded with an increase in groundwater elevations and was most pronounced in wells MW-3 and MW-12. There was also an increase in concentrations in wells MW-10B and MW-15 that was not manifested until the following quarter, which may be related to the time needed for an upgradient change in water quality to travel to those wells.

Table 4 provides historical groundwater concentrations of other analytes. The concentrations of c-DCE are particularly significant because it is a byproduct of the reductive dechlorination of PCE and TCE, which typically occurs under anaerobic conditions. If the concentration ratio of c-DCE to PCE and TCE is very small then probably little biodegradation of PCE and TCE is occurring, if the ratio is very large then significant biodegradation has likely occurred.

General water chemistry parameters provide secondary support, after contaminant concentration trends, for demonstrating that biodegradation is occurring in the site plume. Natural attenuation parameter analytical results are summarized in **Table 5**. Low dissolved oxygen concentrations (less than 1 ug/L) and negative oxidation reduction potentials (exceeding -50 millivolts) generally indicate a reducing anaerobic environment conducive to reductive dechlorination; however, these values should not be considered to be an absolute determination of biodegradation potential. It may be more meaningful to compare the relative changes of these parameters to results at wells known to be outside of the chemical plume, such as MW-8A. Also, one should consider that there may be various other transformation mechanisms and different conditions in soil pore spaces than represented in a monitoring well.

Evaluating the ratio of the total concentration of TCE, c-DCE, t-DCE, and vinyl chloride (the daughter products) to the concentration of PCE (the parent compound) and comparing to changes in the general water chemistry parameters is helpful in identifying site specific conditions influencing biodegradation. The ratio of daughter products to PCE is presented in **Table 5**. At this time there are not any meaningful trends apparent in the data.

UPCOMING WORK

The next groundwater monitoring event will be scheduled for March 2007.

If you have any questions or require additional information, please do not hesitate to contact Will Glenn or Jeff Otter at (714) 973-9740 or jotter@ensr.aecom.com.

Sincerely,
ENSR Corporation

Donald Reid
Staff Scientist

Jeffrey Otter, PE
Project Manager

William S. Glenn, Jr., PG 7737
Project Geologist

PROFESSIONAL GEOLOGIST
WILLIAM S. GLENN, JR.
No. 7737
5/07
STATE OF CALIFORNIA

Attachments

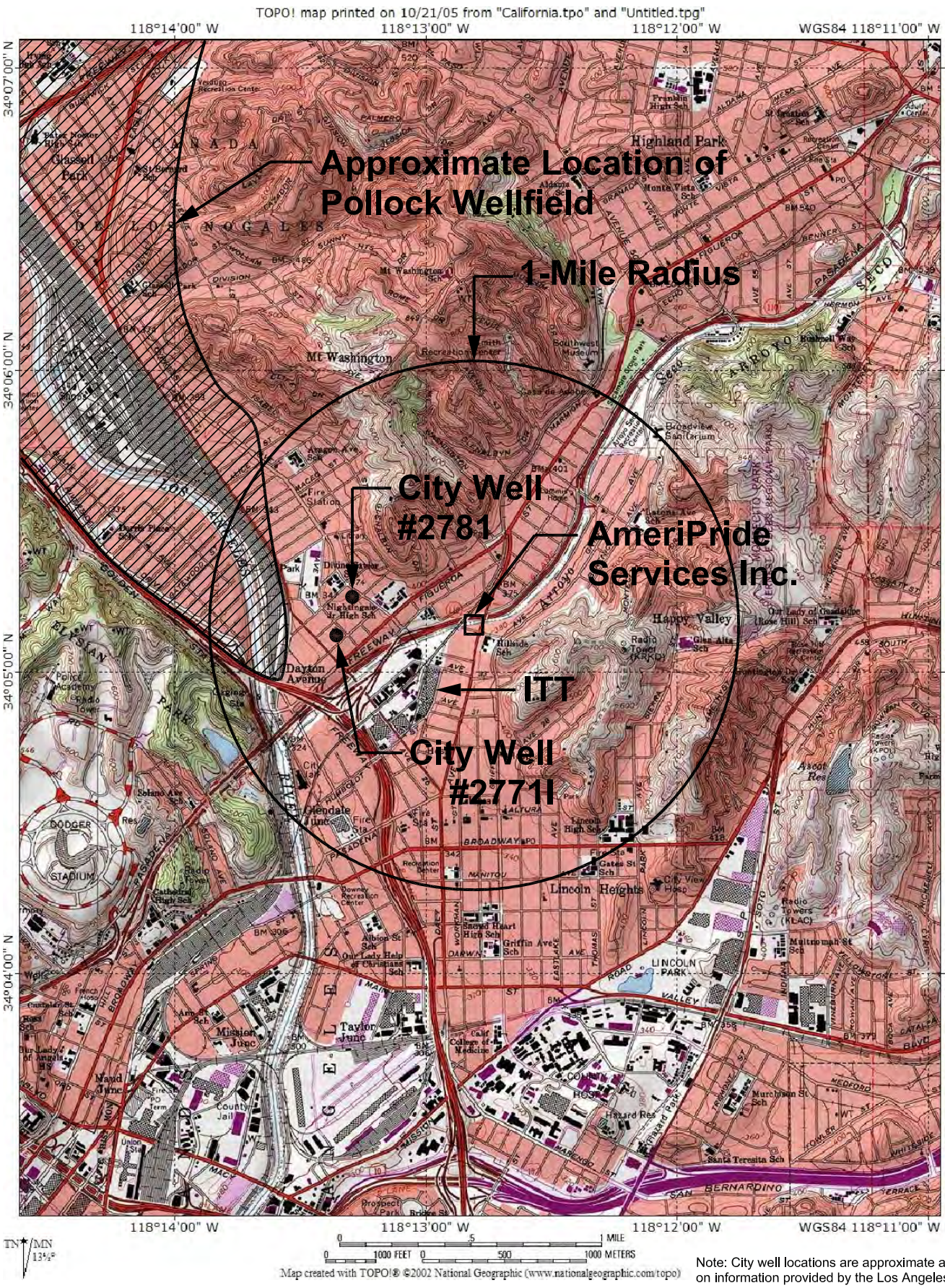
Figure 1:	Site Location Map
Figure 2:	Site Plan
Figure 3:	4th Quarter 2006 Groundwater Elevations
Figure 4:	Summary of 4th Quarter 2006 Groundwater Analytical Results
Figure 5:	K-1 VOC Concentration and Hydrograph vs. Time
Figure 6:	K-2 VOC Concentration and Hydrograph vs. Time
Figure 7:	K-3 VOC Concentration and Hydrograph vs. Time
Figure 8:	MW-3 VOC Concentration and Hydrograph vs. Time
Figure 9:	MW-9A VOC Concentration and Hydrograph vs. Time
Figure 10:	MW-10A VOC Concentration and Hydrograph vs. Time
Figure 11:	MW-13A VOC Concentration and Hydrograph vs. Time
Figure 12:	MW-14 VOC Concentration and Hydrograph vs. Time
Figure 13:	MW-15 VOC Concentration and Hydrograph vs. Time
Table 1:	Summary of Groundwater Elevation Data
Table 2:	Summary of Groundwater Quality Data
Table 3:	Summary of VOC Groundwater Analytical Data
Table 4:	Summary of VOC Groundwater Analytical Data 3/89-8/91
Table 5:	Summary of Natural Attenuation Parameter Analytical Data
Appendix A:	Groundwater Sample Collection Record
Appendix B:	Waste Manifest
Appendix C:	Laboratory Analytical Reports

cc: Mr. Joe Peter, AmeriPride Services Inc.

FIGURES

4th Quarter 2006 Groundwater Monitoring Report

Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California



Note: City well locations are approximate and based on information provided by the Los Angeles County

ENSR | AECOM

ENSR CORPORATION
999 WEST TOWN AND COUNTRY ROAD
4TH FLOOR
ORANGE, CALIFORNIA 92868
PHONE: (714) 973-9740
FAX: (714) 973-9750
WEB: HTTP://WWW.ENSR.AECOM.COM

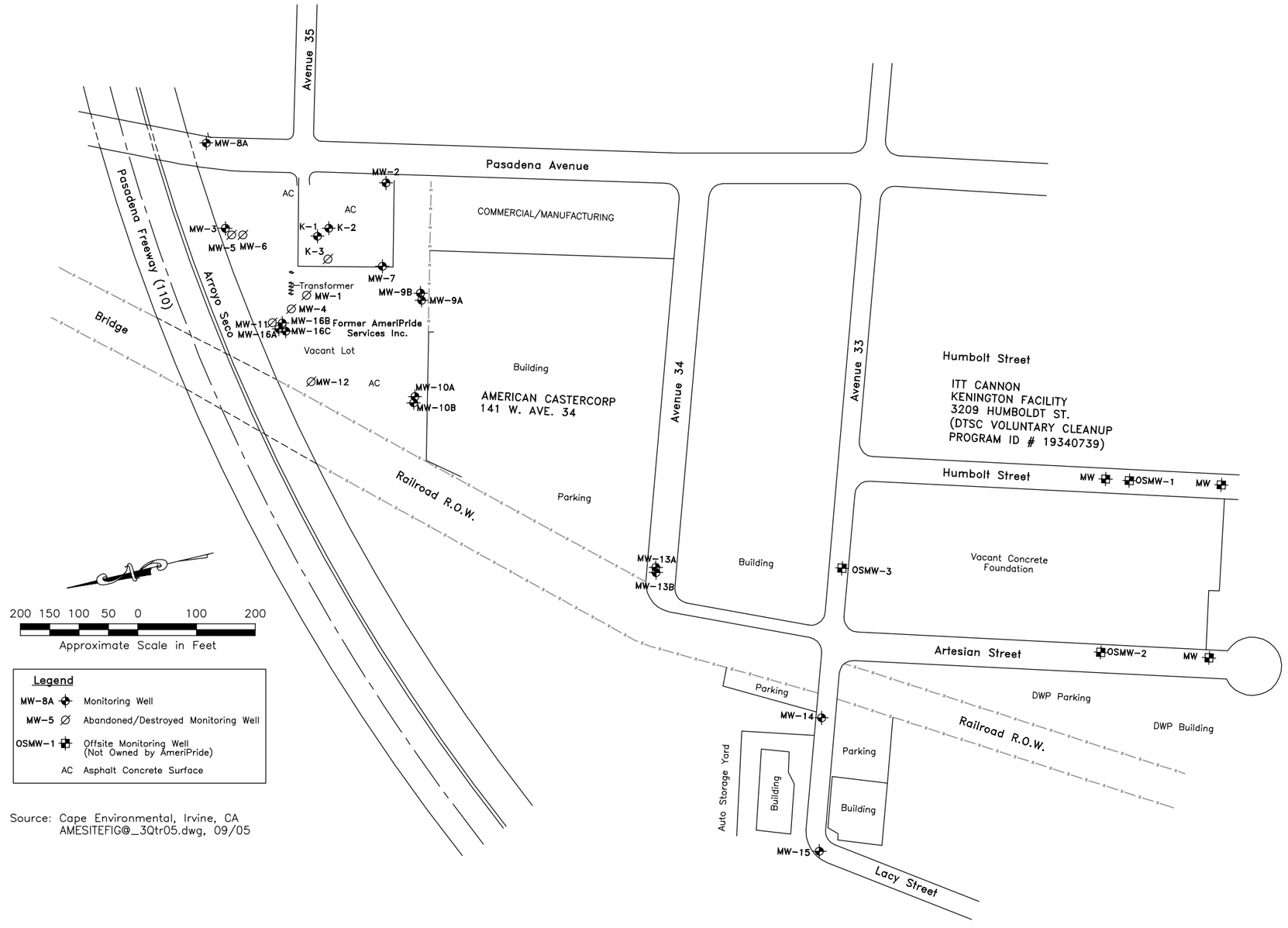
SITE LOCATION MAP

AmeriPride Services Inc,
3505 Pasadena Avenue
Los Angelas, California

FIGURE NUMBER:
1

DRAWN BY:	DATE:	PROJECT NUMBER:	CHECKED BY:
KM	02/06/06	10770-003-500	JO

FILENAME: 10770003S0A



Source: Cape Environmental, Irvine, CA
AMESITEFIG@_3Qtr05.dwg, 09/05

DESIGNED BY:	REVISIONS		
WG	NO:	DESCRIPTION:	DATE: BY:
DRAWN BY:			
KM			
CHECKED BY:			
JO			
APPROVED BY:			
JO			

ENSR | AECOM
ENSR CORPORATION
999 WEST TOWN AND COUNTRY ROAD
4TH FLOOR
ORANGE, CALIFORNIA 92868
PHONE: (714) 973-9740
FAX: (714) 973-9750
WEB: HTTP://WWW.ENSR.AECOM.COM

SITE PLAN

AmeriPride Services Inc.
3505 Pasadena Avenue
Los Angeles, California

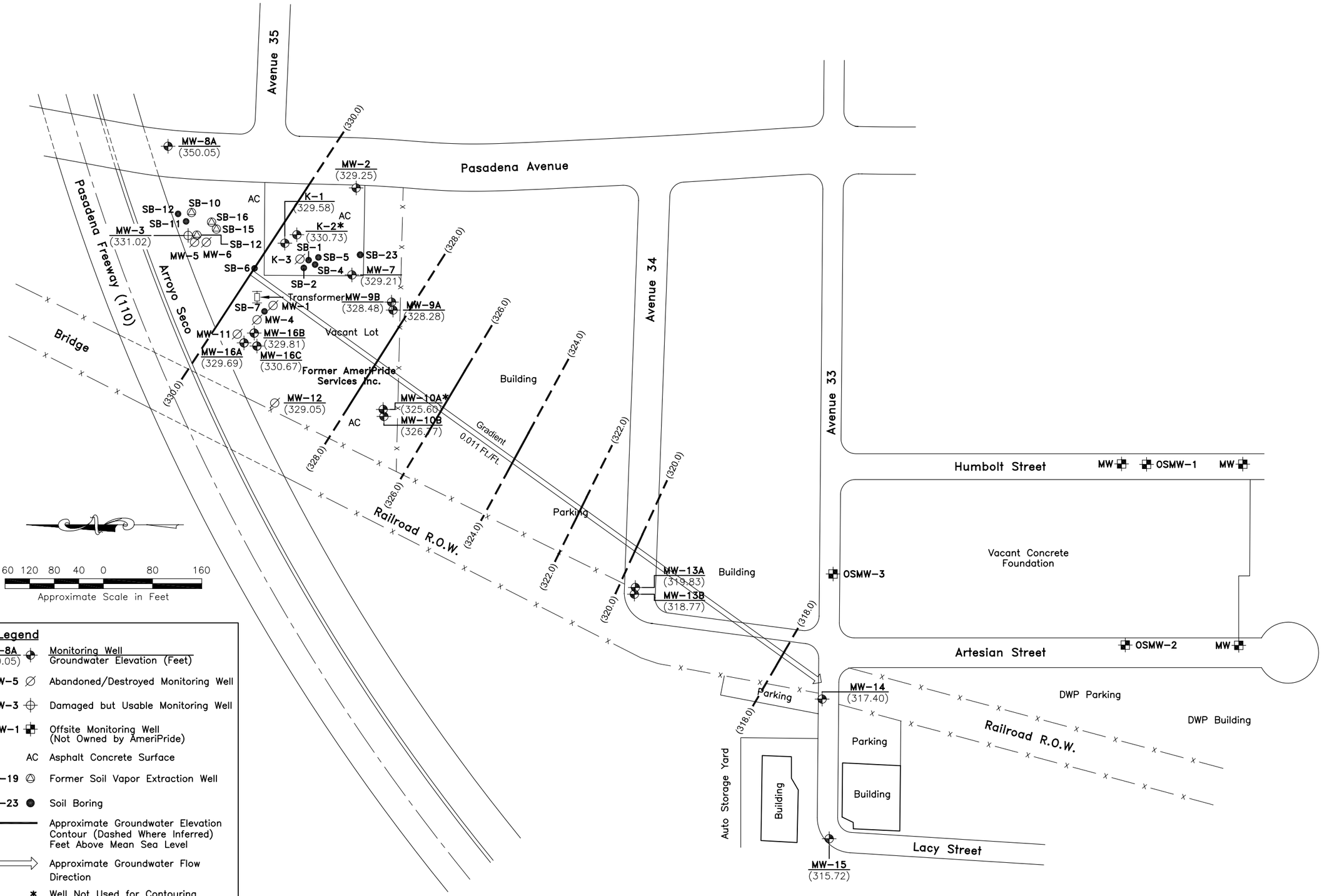
SCALE:	DATE:	PROJECT NUMBER:
1" = 200'	02/06/06	10770-003-500

FIGURE NUMBER:

2

FILENAME:

1077000350B



160 120 80 40 0 80 160

Approximate Scale in Feet

Legend

MW-8A (350.05)	Monitoring Well Groundwater Elevation (Feet)
MW-5	Abandoned/Destroyed Monitoring Well
MW-3	Damaged but Usable Monitoring Well
OSMW-1	Offsite Monitoring Well (Not Owned by AmeriPride)
AC	Asphalt Concrete Surface
SB-19	Former Soil Vapor Extraction Well
SB-23	Soil Boring
(330.0)	Approximate Groundwater Elevation Contour (Dashed Where Inferred) Feet Above Mean Sea Level
	Approximate Groundwater Flow Direction
*	Well Not Used for Contouring

Source: Cape Environmental, Irvine, CA
AMESITEFIG@_3Qtr05.dwg, 09/05

REVISIONS			
NO:	DESCRIPTION:	DATE:	BY:

DESIGNED BY:	DR
DRAWN BY:	KM
CHECKED BY:	DR
APPROVED BY:	JO

ENSR | AECOM

ENSR CORPORATION
999 WEST TOWN AND COUNTRY ROAD
4TH FLOOR
ORANGE, CALIFORNIA 92868
PHONE: (714) 973-9740
FAX: (714) 973-9750
WEB: HTTP://WWW.ENSR.AECOM.COM

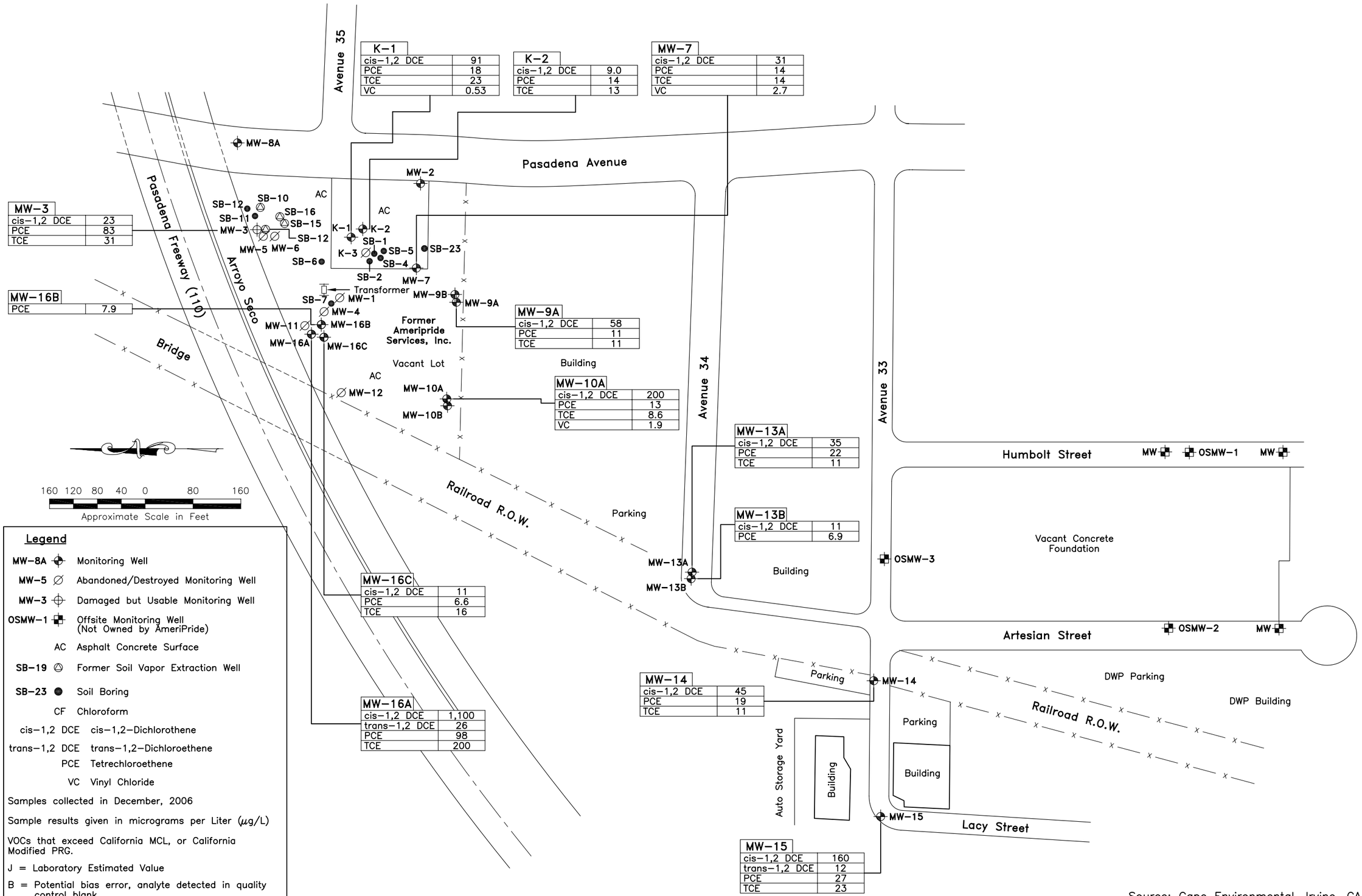
GROUNDWATER ELEVATION CONTOUR MAP – DECEMBER 21–22, 2006

AmeriPride Services Inc.
3505 Pasadena Avenue
Los Angelas, California

PROJECT NUMBER:	10070-001-006
DATE:	02/01/07
SCALE:	1" = 160'

FIGURE NUMBER: 3

FILENAME: 1077000302C



Legend

MW-8A	⊕	Monitoring Well
MW-5	∅	Abandoned/Destroyed Monitoring Well
MW-3	⊕	Damaged but Usable Monitoring Well
OSMW-1	⊞	Offsite Monitoring Well (Not Owned by AmeriPride)
AC		Asphalt Concrete Surface
SB-19	△	Former Soil Vapor Extraction Well
SB-23	●	Soil Boring
CF		Chloroform
cis-1,2 DCE		cis-1,2-Dichlorothene
trans-1,2 DCE		trans-1,2-Dichloroethene
PCE		Tetrechloroethene
VC		Vinyl Chloride

Samples collected in December, 2006

Sample results given in micrograms per Liter (μg/L)

VOCs that exceed California MCL, or California Modified PRG.

J = Laboratory Estimated Value

B = Potential bias error, analyte detected in quality control blank

Source: Cape Environmental, Irvine, CA
AMESITEFIG@_3Qtr05.dwg, 09/05

REVISIONS			
NO:	DESCRIPTION:	DATE:	BY:

DESIGNED BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
DR	KM	DR	JO

ENSR | AECOM
ENSR CORPORATION
999 WEST TOWN AND COUNTRY ROAD
4TH FLOOR
ORANGE, CALIFORNIA 92868
PHONE: (714) 973-9740
FAX: (714) 973-9750
WEB: HTTP://WWW.ENSR.AECOM.COM

GROUNDWATER ANALYTICAL RESULTS DECEMBER 2006

AmeriPride Services Inc.
3505 Pasadena Avenue
Los Angelas, California

SCALE:	DATE:	PROJECT NUMBER:
1" = 160'	02/01/07	10070-001-006

FIGURE NUMBER: 4

FILENAME: 1077000302D

Figure 5

K-1

VOC Concentration and Hydrograph vs. Time

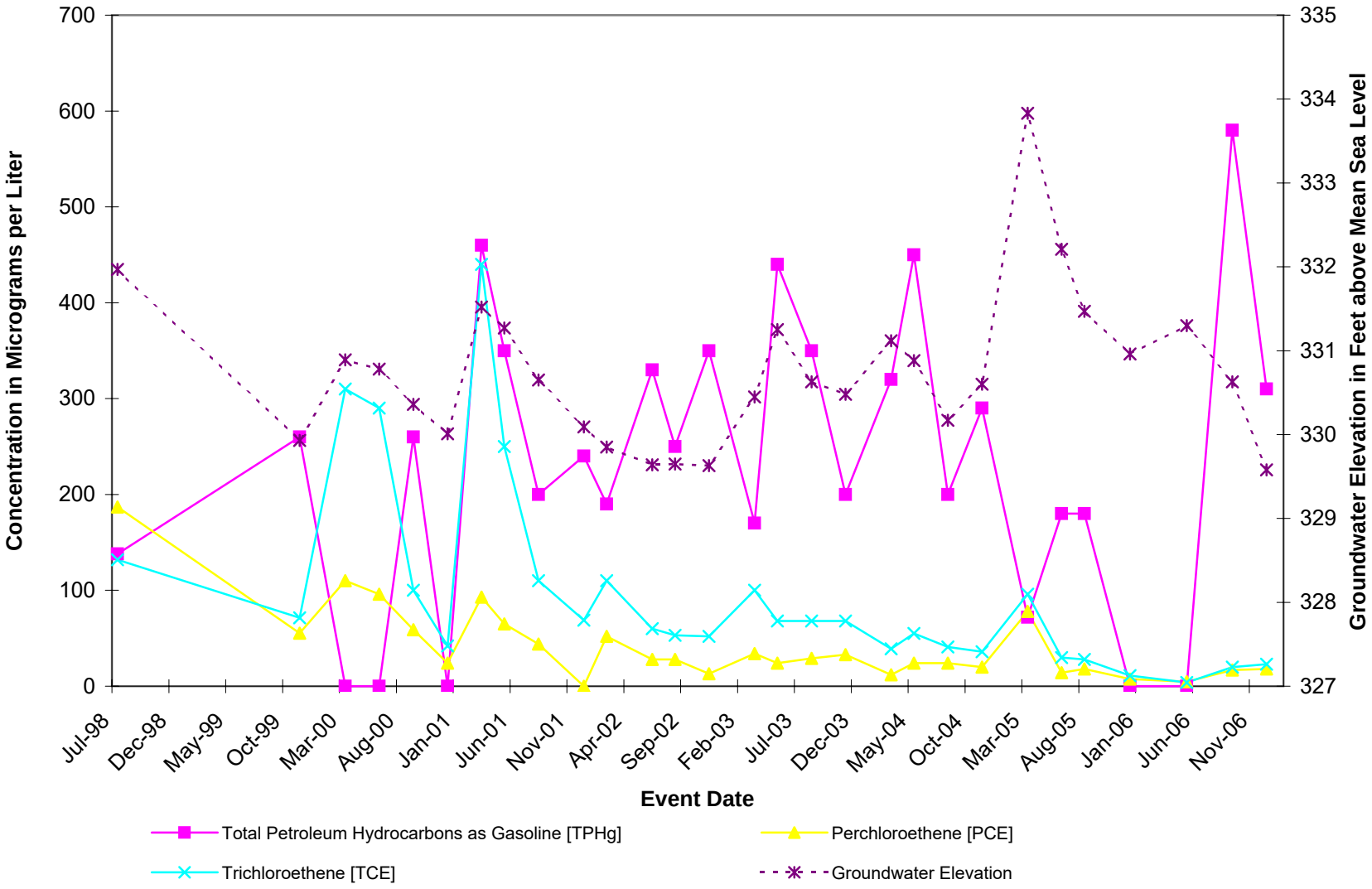


Figure 6

K-2
VOC Concentration and Hydrograph vs. Time

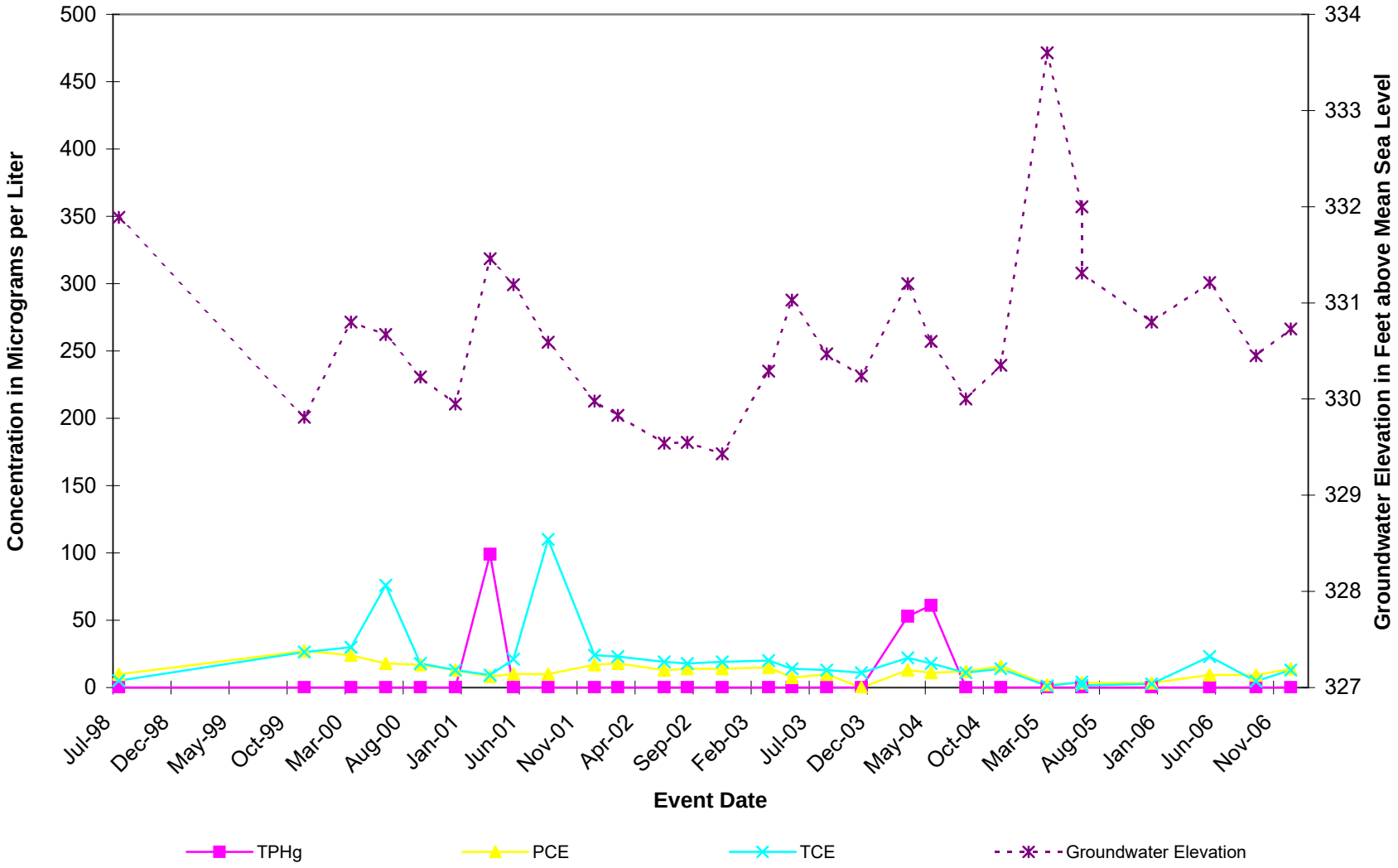


Figure 7

K-3
VOC Concentration and Hydrograph vs. Time

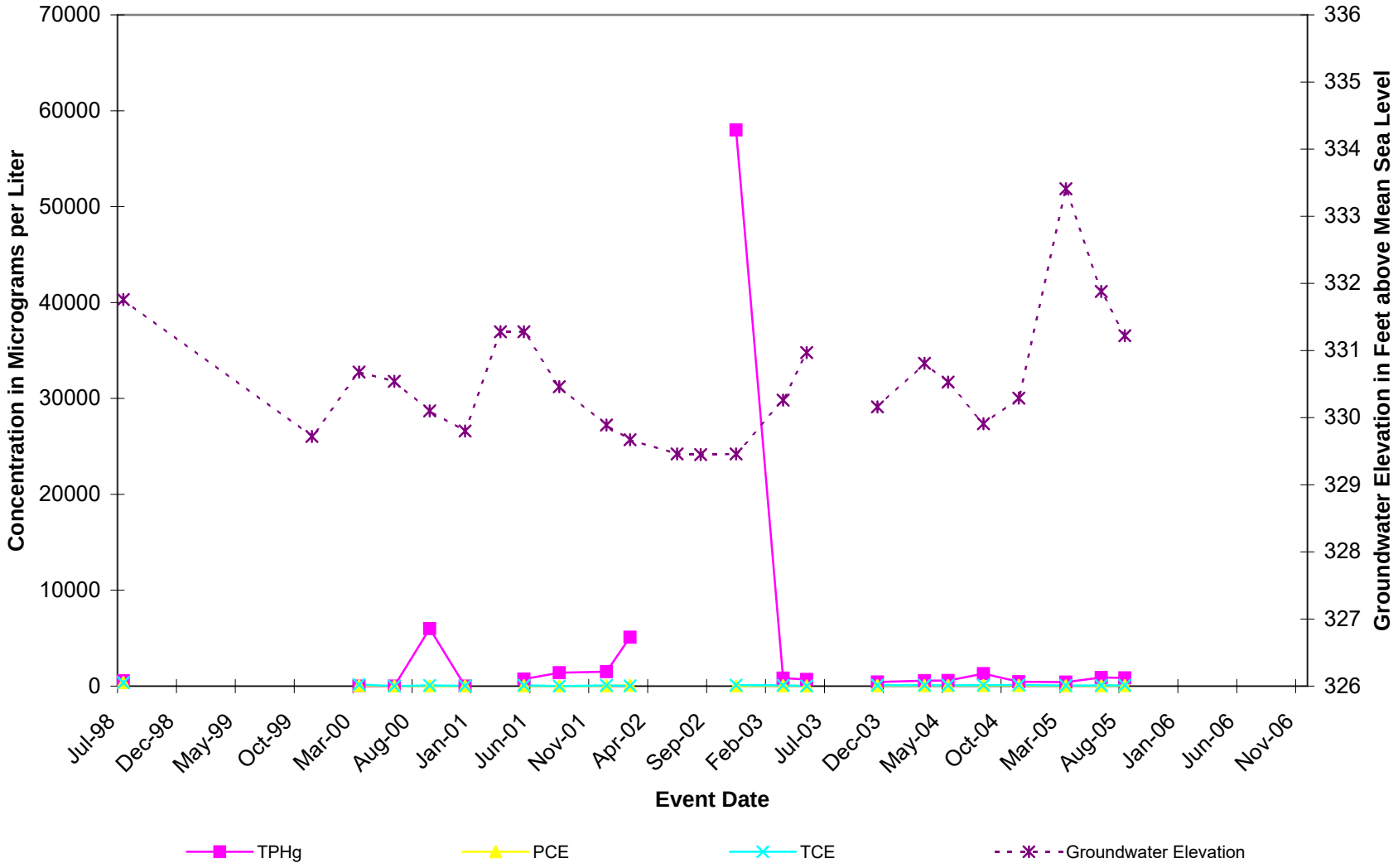


Figure 8

MW-3
VOC Concentration and Hydrograph vs. Time

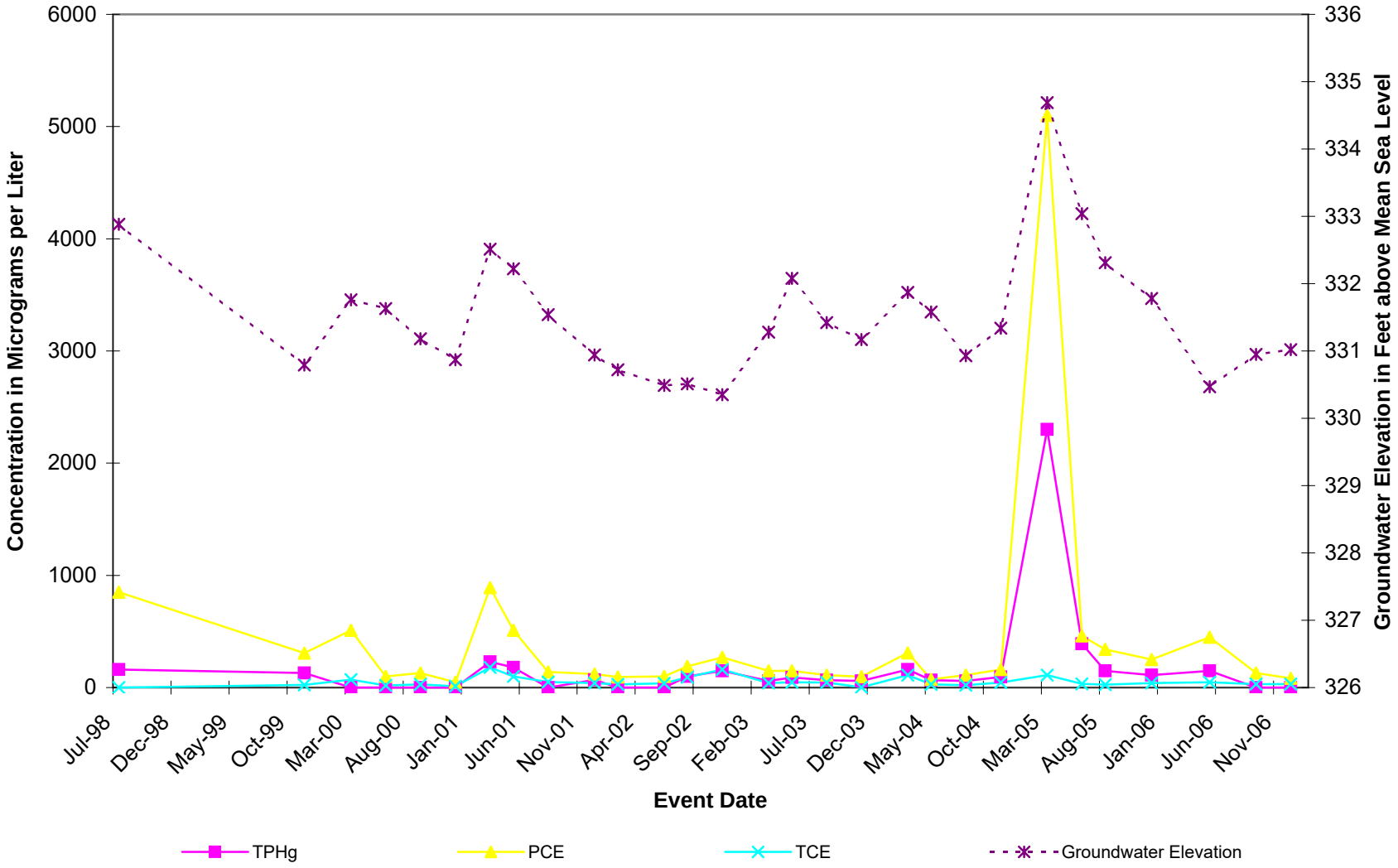


Figure 9

MW-9A
VOC Concentration and Hydrograph vs. Time

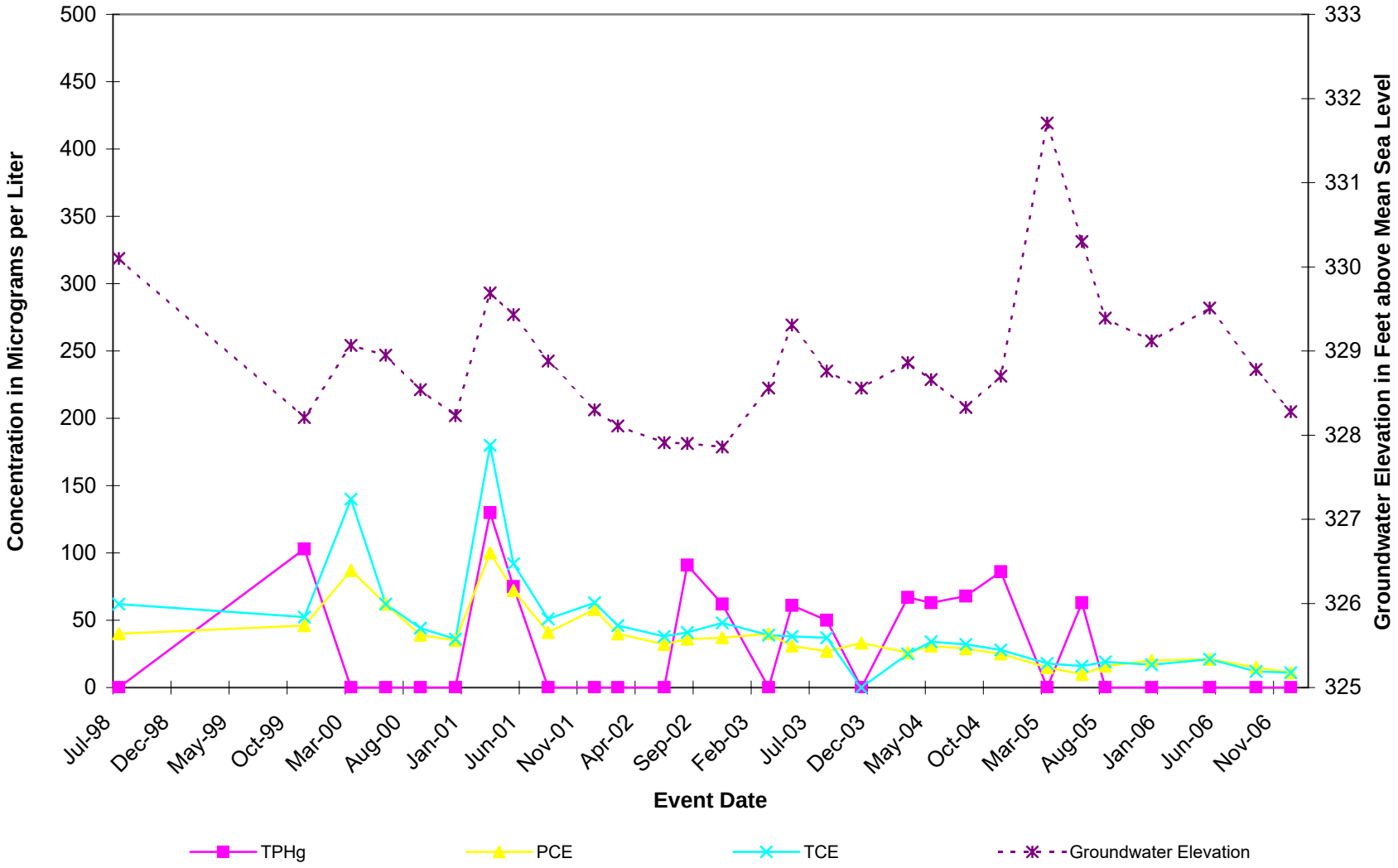


Figure 10

MW-10A
VOC Concentration and Hydrograph vs. Time

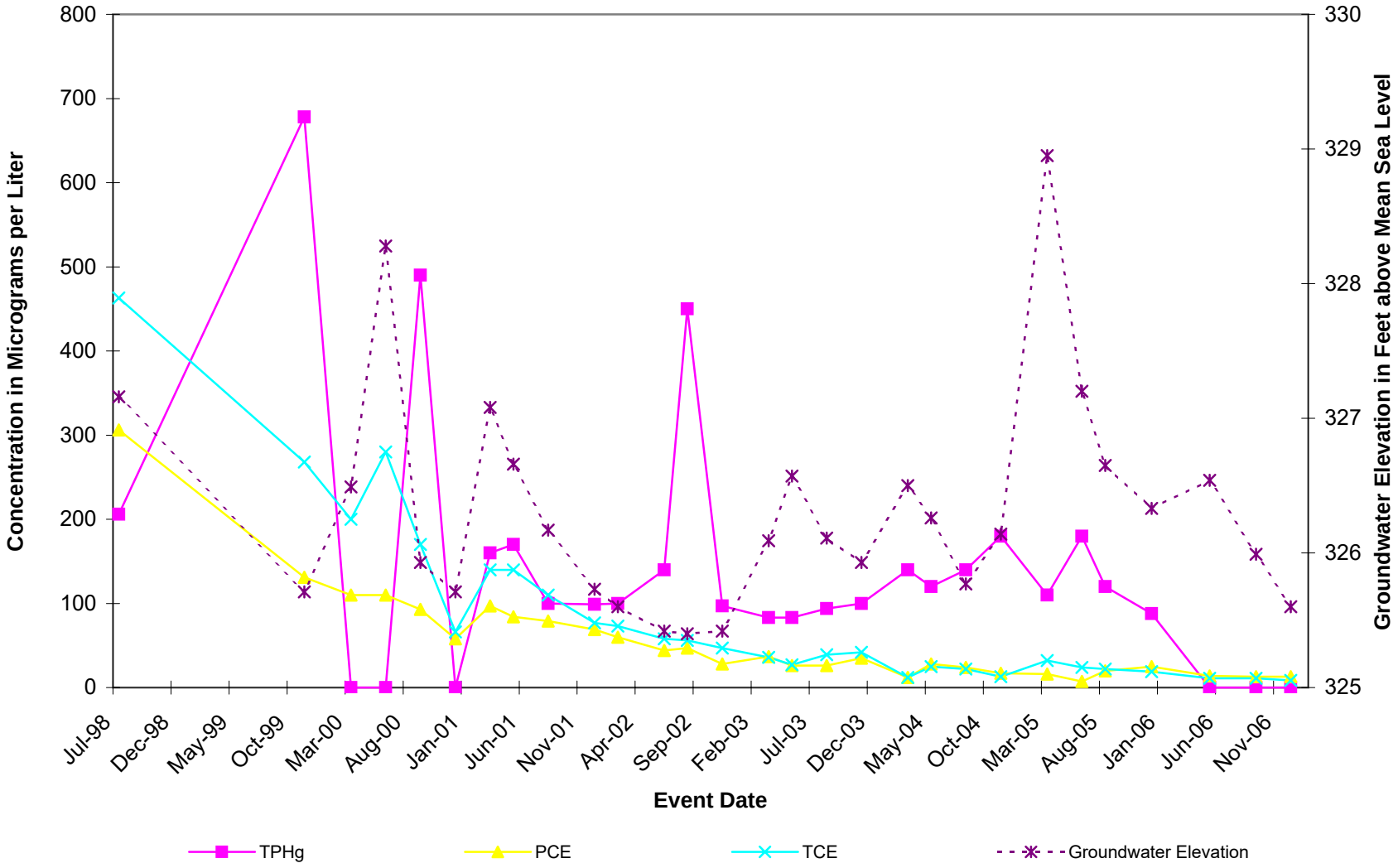


Figure 11

MW-13A
VOC Concentration and Hydrograph vs. Time

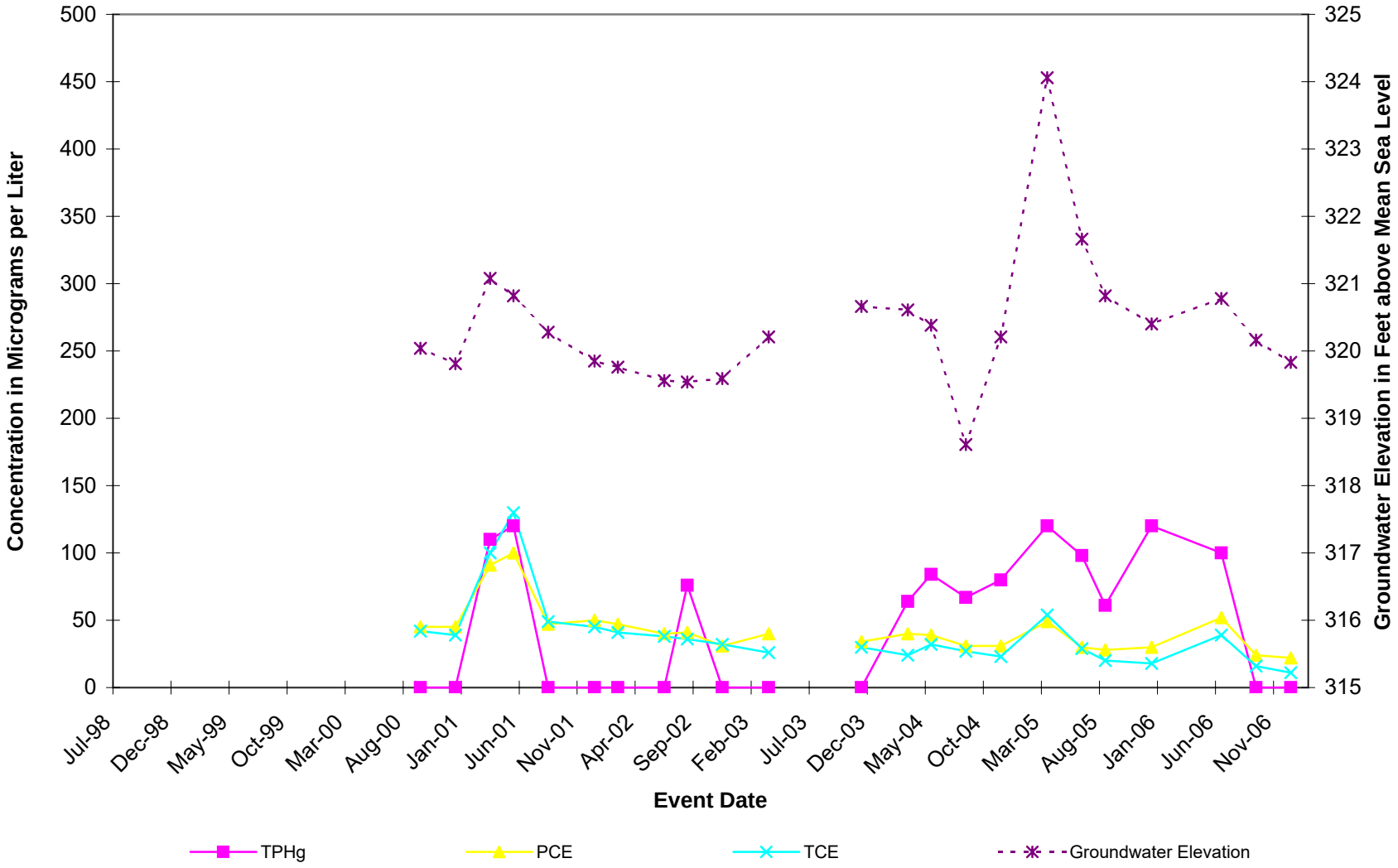


Figure 12

MW-14
VOC Concentration and Hydrograph vs. Time

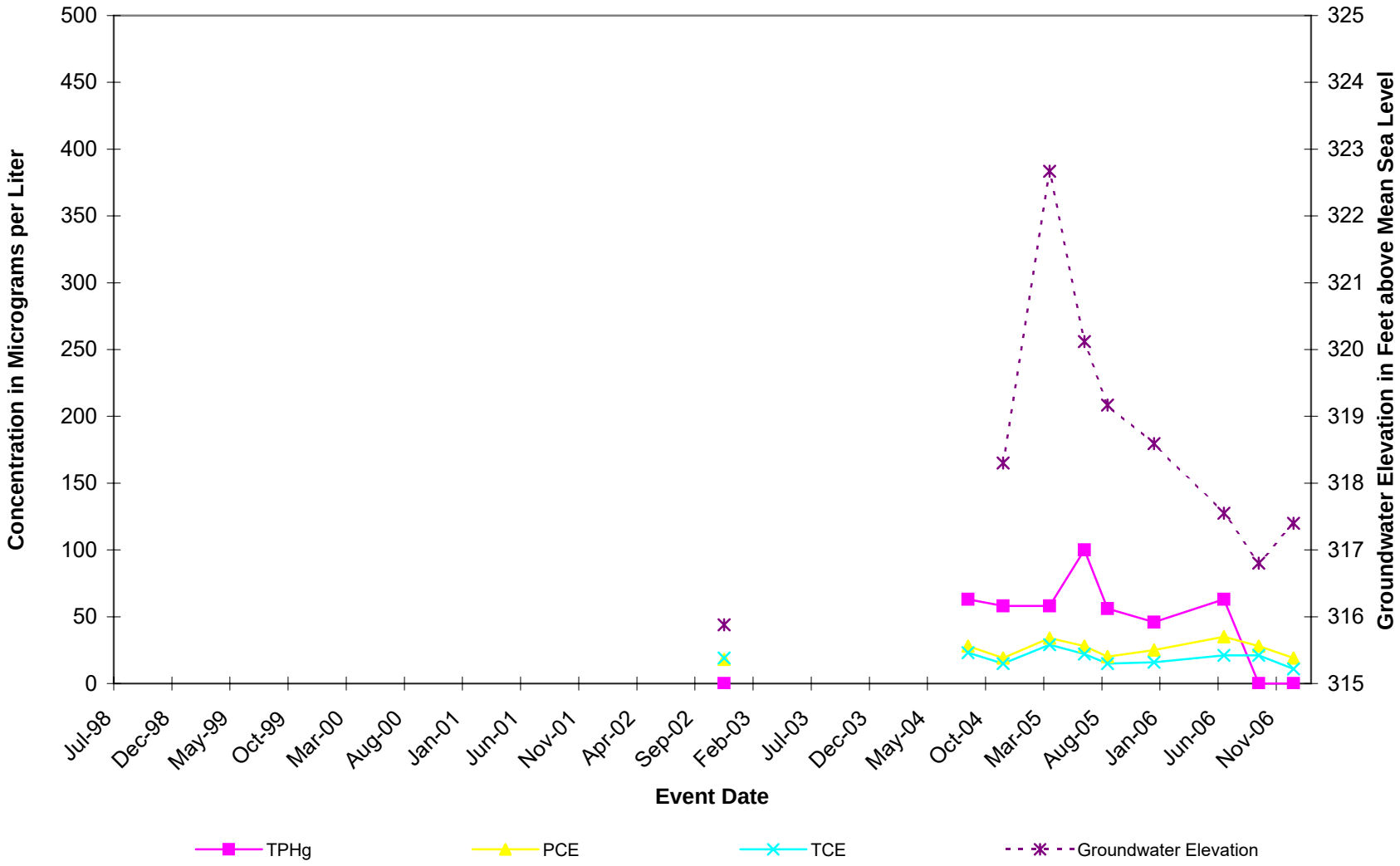
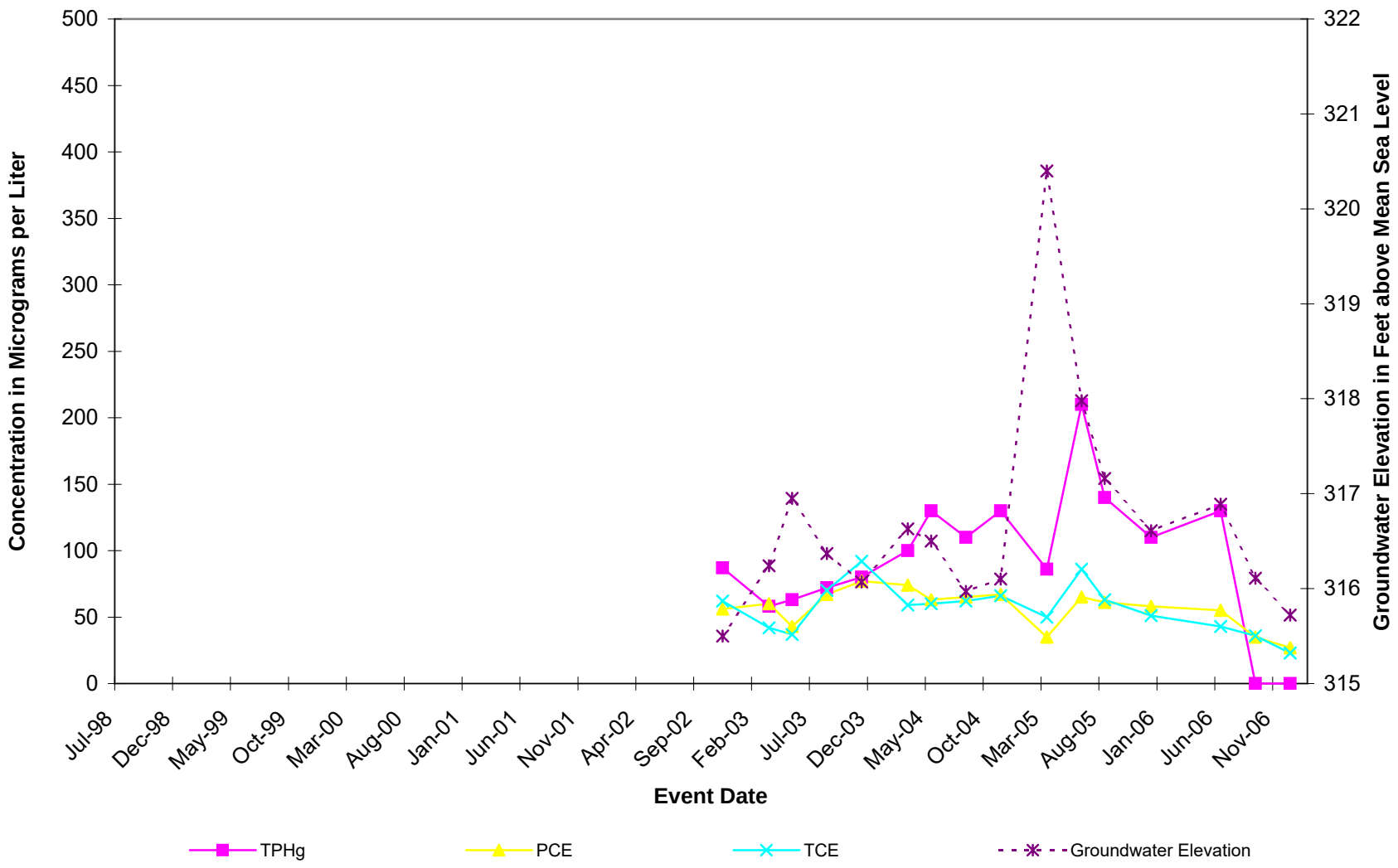


Figure 13

MW-15
VOC Concentration and Hydrograph vs. Time



TABLES

4th Quarter 2006 Groundwater Monitoring Report

Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California

TABLE 1
Summary of Groundwater Elevations
Former Welch's Uniform Site
3505 Pasadene Avenue
Los Angeles, California

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (Feet msl)	DEPTH TO WATER (Feet)	STATIC GROUNDWATER ELEVATION (Feet msl)	LIQUID PRODUCT THICKNESS (Inches)	COMMENTS
MW-1	04/05/89	364.64	34.71	329.93	ND	
	03/05/90	364.64	NM	NM	2.0	
	08/22/91	364.64	34.70	329.94	ND	
	07/20/98	NM	NM	NM	NM	
	11/30/99	NM	NM	NM	NM	
	03/15/00	NM	NM	NM	NM	
	06/29/00	NM	NM	NM	NM	
	09/20/00	363.47	NM	NM	NM	
	03/26/01	NA	NA	NA	NA	Abandoned
MW-2	04/05/89	367.47	38.11	329.36	ND	
	03/05/90	367.47	NM	NM	ND	
	08/22/91	367.47	38.07	329.40	ND	
	07/20/98	367.08	38.89	328.19	ND	
	11/30/99	367.08	37.92	329.16	ND	
	03/15/00	367.08	37.04	330.04	ND	
	06/29/00	367.08	37.13	329.95	ND	
	09/20/00	367.08	37.56	329.52	ND	
	12/04/00	367.08	37.88	329.20	ND	
	03/26/01	367.08	36.39	330.69	ND	
	05/16/01	367.08	36.65	330.43	ND	
	08/20/01	367.08	37.21	329.87	ND	
	12/17/01	367.08	37.81	329.27	ND	
	02/27/02	367.08	38.02	329.06	ND	
	06/03/02	367.08	38.27	328.81	ND	
	08/12/02	367.08	38.25	328.83	ND	
	11/11/02	367.75	38.44	329.31	ND	
	03/10/03	367.75	37.64	330.11	ND	
	05/19/03	367.75	36.86	330.89	ND	
	08/25/03	367.75	37.44	330.31	ND	
	11/17/03	367.75	37.67	330.08	ND	
	03/22/04	367.75	37.06	330.69	ND	
	05/17/04	367.75	37.32	330.43	ND	
	08/16/04	367.75	37.91	329.84	ND	
	11/15/04	367.75	37.50	330.25	ND	
	03/15/05	367.75	34.30	333.45	ND	
	06/13/05	367.75	35.88	331.87	ND	
	08/24/05	367.75	36.58	331.17	ND	
	12/21/05	367.75	37.13	330.62	ND	
	05/31/06	367.03	36.56	330.47	ND	
	09/13/06	367.03	37.27	329.76	ND	
	12/22/06	367.03	37.78	329.25	ND	
MW-3	04/05/89	364.64	NM	NM	0.25	
	03/05/90	364.64	NM	NM	2.0	
	08/22/91	364.64	33.45	331.19	ND	
	07/21/98	364.30	31.42	332.88	ND	
	11/30/99	364.30	33.51	330.79	ND	
	03/15/00	364.30	32.54	331.76	ND	
	06/29/00	364.30	32.67	331.63	ND	
	09/20/00	364.30	33.12	331.18	ND	
	12/05/00	364.30	33.43	330.87	ND	
	03/27/01	364.30	31.79	332.51	ND	
	05/17/01	364.30	32.08	332.22	ND	
	08/21/01	364.30	32.76	331.54	ND	
	12/17/01	364.30	33.36	330.94	ND	
	02/27/02	364.30	33.58	330.72	ND	
	06/03/02	364.30	33.81	330.49	ND	
	08/12/02	364.30	33.79	330.51	ND	
	11/11/02	364.39	34.04	330.35	ND	
	03/10/03	364.39	33.11	331.28	ND	
	05/19/03	364.39	32.31	332.08	ND	
	08/25/03	364.39	32.97	331.42	ND	
	11/17/03	364.39	33.22	331.17	ND	
	03/22/04	364.39	32.52	331.87	ND	
	05/17/04	364.39	32.81	331.58	ND	
	08/16/04	364.39	33.46	330.93	ND	
	11/15/04	364.39	33.05	331.34	ND	
	03/15/05	364.39	29.70	334.69	ND	
	06/13/05	364.39	31.35	333.04	ND	
	08/24/05	364.39	32.08	332.31	ND	
	12/21/2005	364.39	32.61	331.78	ND	
	05/31/06	366.76	34.5	332.26	ND	
	09/13/06	366.76	35.81	330.95	ND	
	12/22/06	366.76	35.74	331.02	ND	

TABLE 1
Summary of Groundwater Elevations
Former Welch's Uniform Site
3505 Pasadene Avenue
Los Angeles, California

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (Feet msl)	DEPTH TO WATER (Feet)	STATIC GROUNDWATER ELEVATION (Feet msl)	LIQUID PRODUCT THICKNESS (Inches)	COMMENTS
MW-4	04/05/89	364.59	NM	NM	0.25	
	03/05/90	364.59	NM	NM	5.0	
	08/22/91	364.59	34.79	329.80	ND	
	07/20/98	364.29	32.71	331.58	ND	
	11/30/99	364.29	34.60	329.69	ND	
	03/15/00	364.29	33.65	330.64	ND	
	06/29/00	364.29	33.84	330.45	ND	
	09/20/00	364.29	34.23	330.06	ND	
	12/05/00	364.29	34.53	329.76	ND	
	03/27/01	364.29	33.03	331.26	ND	
	05/17/01	364.29	33.36	330.93	ND	
	08/21/01	364.29	33.92	330.37	ND	
	12/17/01	364.29	34.46	329.83	ND	
	02/27/02	364.29	34.68	329.61	ND	
	06/03/02	364.29	34.91	329.38	ND	
	08/12/02	364.29	34.90	329.39	ND	
	11/11/02	364.39	35.07	329.32	ND	
	03/10/03	364.39	NA	NA	NA	
	05/19/03	364.39	33.50	330.89	NA	
	08/25/03	364.39	34.09	330.30	ND	
	11/17/03	364.39	34.30	330.09	ND	
	03/22/04	364.39	33.63	330.76	ND	
	05/17/04	364.39	33.94	330.45	ND	
	08/16/04	364.39	34.55	329.84	ND	
	11/15/04	364.39	34.10	330.29	ND	
	03/15/05	364.39	31.10	333.29	ND	
	06/13/05	364.39	32.68	331.71	ND	
	08/24/05	364.39	NA	NA	NA	
	12/21/05	364.39	NA	NA	NA	Obstruction in well
MW-5	04/05/89	364.74	33.86	330.88	ND	
	03/05/90	364.74	NM	NM	ND	
	07/16/91	364.74	NM	NM	4.0	
	08/22/91	364.74	33.70	331.04	ND	
	11/30/99	NM	NM	NM	NM	
	03/15/00	NM	NM	NM	NM	
	06/29/00	NM	NM	NM	NM	
	09/20/00	364.46	NM	NM	NM	
	12/04/00	364.46	NM	NM	NM	
	03/26/01	NA	NA	NA	NA	Abandoned
MW-6	04/05/89	364.81	34.10	330.71	ND	
	03/05/90	364.81	NM	NM	9.5	
	08/22/91	NM	NM	NM	NM	
	11/30/99	NM	NM	NM	NM	
	03/15/00	NM	NM	NM	NM	
	06/29/00	NM	NM	NM	NM	
	09/20/00	364.59	NM	NM	NM	
	12/04/00	364.59	NM	NM	NM	
	03/26/01	NA	NA	NA	NA	Abandoned
MW-7	04/05/89	365.07	35.91	329.16	ND	
	03/05/90	365.07	NM	NM	0.7	
	08/22/91	365.07	35.16	329.91	ND	
	07/20/98	363.91	32.89	331.02	ND	
	11/30/99	363.91	35.80	328.11	ND	
	03/15/00	363.91	33.85	330.06	ND	
	06/29/00	363.91	33.99	329.92	ND	
	09/20/00	363.91	34.42	329.49	ND	
	12/04/00	363.91	34.75	329.16	ND	
	03/26/01	363.91	33.25	330.66	ND	
	05/16/01	363.91	33.53	330.38	ND	
	08/20/01	363.91	34.08	329.83	ND	
	12/17/01	363.91	34.66	329.25	ND	
	02/27/02	363.91	34.87	329.04	ND	
	06/03/02	363.91	35.13	328.78	ND	
	08/12/02	363.91	35.11	328.80	ND	
	11/11/02	364.02	35.27	328.75	ND	
	03/10/03	364.02	34.47	329.55	ND	
	05/19/03	364.02	33.73	330.29	ND	
	08/25/03	364.02	34.30	329.72	ND	
	11/17/03	364.02	34.52	329.50	ND	
	03/22/04	364.02	33.93	330.09	ND	
	05/17/04	364.02	34.18	329.84	ND	
	08/16/04	364.02	34.78	329.24	ND	
	11/15/04	364.02	34.39	329.63	ND	
	03/15/05	364.02	31.40	332.62	ND	
	06/13/05	364.02	32.90	331.12	ND	
	08/24/05	364.02	33.48	330.54	ND	
	12/21/05	364.02	33.92	330.10	ND	
	05/31/06	363.88	33.45	330.43	ND	
	09/13/06	363.88	34.15	329.73	ND	
	12/22/06	363.88	34.67	329.21	ND	

TABLE 1
Summary of Groundwater Elevations
Former Welch's Uniform Site
3505 Pasadene Avenue
Los Angeles, California

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (Feet msl)	DEPTH TO WATER (Feet)	STATIC GROUNDWATER ELEVATION (Feet msl)	LIQUID PRODUCT THICKNESS (Inches)	COMMENTS
MW-8	03/05/90	370.65	38.46	332.19	ND	
	08/22/91	NM	NM	NM	NM	
	11/30/99	NM	NM	NM	NM	
	03/15/00	NM	NM	NM	NM	
	06/29/00	NM	NM	NM	NM	
	09/20/00	370.48	NM	NM	NM	
	12/04/00	370.48	NM	NM	NM	
	03/26/01	NA	NA	NA	NA	Abandoned
MW-8A	09/19/00	373.40	41.19	332.21	ND	
	12/04/00	373.40	41.50	331.90	ND	
	03/26/01	373.40	39.84	333.56	ND	
	05/16/01	373.40	40.13	333.27	ND	
	08/20/01	373.40	40.81	332.59	ND	
	12/17/01	373.40	41.43	331.97	ND	
	02/27/02	373.40	41.63	331.77	ND	
	06/03/02	373.40	41.88	331.52	ND	
	08/12/02	373.40	41.89	331.51	ND	
	11/11/02	373.46	42.11	331.35	ND	
	03/10/03	373.46	41.17	332.29	ND	
	05/19/03	373.46	40.35	333.11	ND	
	08/25/03	373.46	41.04	332.42	ND	
	11/17/03	373.46	41.29	332.17	ND	
	03/22/04	373.46	40.58	332.88	ND	
	05/17/04	373.46	40.90	332.56	ND	
	08/16/04	373.46	41.54	331.92	ND	
	11/15/04	373.46	41.12	332.34	ND	
	03/15/05	373.46	37.50	335.96	ND	
	06/13/05	373.46	39.34	334.12	ND	
	08/24/05	373.46	40.05	333.41	ND	
	12/21/05	373.46	40.61	332.85	ND	
	06/05/06	373.40	40.09	333.31	ND	
	09/14/06	373.40	36.54	336.86	ND	
	12/21/06	373.40	23.35	350.05	ND	
MW-9A	03/05/90	363.86	35.62	328.24	ND	
	08/22/91	363.86	35.56	328.30	ND	
	07/20/98	363.71	33.61	330.10	ND	
	11/30/99	363.71	35.50	328.21	ND	
	03/15/00	363.71	34.65	329.07	ND	
	06/29/00	363.71	34.76	328.95	ND	
	09/19/00	363.71	35.17	328.54	ND	
	12/04/00	363.71	35.48	328.23	ND	
	03/26/01	363.71	34.02	329.69	ND	
	05/16/01	363.71	34.28	329.43	ND	
	08/20/01	363.71	34.83	328.88	ND	
	12/17/01	363.71	35.41	328.30	ND	
	02/27/02	363.71	35.60	328.11	ND	
	06/03/02	363.71	35.80	327.91	ND	
	08/12/02	363.71	35.81	327.90	ND	
	11/11/02	363.81	35.95	327.86	ND	
	03/10/03	363.81	35.25	328.56	ND	
	05/19/03	363.81	34.50	329.31	ND	
	08/25/03	363.81	35.05	328.76	ND	
	11/17/03	363.81	35.25	328.56	ND	
	03/22/04	363.81	34.95	328.86	ND	
	05/17/04	363.81	35.15	328.66	ND	
	08/16/04	363.81	35.48	328.33	ND	
	11/15/04	363.81	35.11	328.70	ND	
	03/15/05	363.81	32.10	331.71	ND	
	06/13/05	363.81	33.51	330.30	ND	
	08/24/05	363.81	34.42	329.39	ND	
	12/21/05	363.81	34.69	329.12	ND	
	05/31/06	363.68	34.17	329.51	ND	
	09/13/06	363.68	34.90	328.78	ND	
	12/22/06	363.68	35.40	328.28	ND	

TABLE 1
Summary of Groundwater Elevations
Former Welch's Uniform Site
3505 Pasadene Avenue
Los Angeles, California

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (Feet msl)	DEPTH TO WATER (Feet)	STATIC GROUNDWATER ELEVATION (Feet msl)	LIQUID PRODUCT THICKNESS (Inches)	COMMENTS
MW-9B	03/05/90	363.86	35.61	328.25	ND	
	08/22/91	363.86	35.53	328.33	ND	
	07/20/98	363.61	33.60	330.01	ND	
	11/30/99	363.61	35.44	328.17	ND	
	03/15/00	363.61	34.51	329.10	ND	
	06/29/00	363.61	34.62	328.99	ND	
	09/19/00	363.61	34.98	328.63	ND	
	12/04/00	363.61	35.48	328.13	ND	
	03/26/01	363.61	33.82	329.79	ND	
	05/16/01	363.61	34.10	329.51	ND	
	08/20/01	363.61	34.67	328.94	ND	
	12/17/01	363.61	35.21	328.40	ND	
	02/27/02	363.61	35.37	328.24	ND	
	06/03/02	363.61	35.62	327.99	ND	
	08/12/02	363.61	35.61	328.00	ND	
	11/11/02	363.76	35.76	328.00	ND	
	03/10/03	363.76	34.97	328.79	ND	
	05/19/03	363.76	34.30	329.46	ND	
	08/25/03	363.76	34.84	328.92	ND	
	11/17/03	363.76	35.03	328.73	ND	
	03/22/04	363.76	34.39	329.37	ND	
	05/17/04	363.76	34.65	329.11	ND	
	08/16/04	363.76	35.22	328.54	ND	
	11/15/04	363.76	34.85	328.91	ND	
	03/15/05	363.76	31.70	332.06	ND	
	06/13/05	363.76	33.26	330.50	ND	
	08/24/05	363.76	33.92	329.84	ND	
	12/21/05	363.76	34.36	329.40	ND	
	05/31/06	363.58	33.91	329.67	ND	
	09/13/06	363.58	34.61	328.97	ND	
	12/22/06	363.58	35.10	328.48	ND	
MW-10A	03/05/90	364.28	38.33	325.95	ND	
	08/22/91	364.28	38.46	325.82	ND	
	07/20/98	364.23	37.07	327.16	ND	
	11/30/99	364.23	38.52	325.71	ND	
	03/15/00	364.23	37.74	326.49	ND	
	06/29/00	364.23	35.95	328.28	ND	
	09/19/00	364.23	38.30	325.93	ND	
	12/04/00	364.23	38.52	325.71	ND	
	03/26/01	364.23	37.15	327.08	ND	
	05/16/01	364.23	37.57	326.66	ND	
	08/20/01	364.23	38.06	326.17	ND	
	12/17/01	364.23	38.50	325.73	ND	
	02/27/02	364.23	38.63	325.60	ND	
	06/03/02	364.23	38.81	325.42	ND	
	08/12/02	364.23	38.83	325.40	ND	
	11/11/02	364.35	38.93	325.42	ND	
	03/10/03	364.35	38.26	326.09	ND	
	05/19/03	364.35	37.78	326.57	ND	
	08/25/03	364.35	38.24	326.11	ND	
	11/17/03	364.35	38.42	325.93	ND	
	03/22/04	364.35	37.85	326.50	ND	
	05/17/04	364.35	38.09	326.26	ND	
	08/16/04	364.35	38.58	325.77	ND	
	11/15/04	364.35	38.21	326.14	ND	
	03/15/05	364.35	35.40	328.95	ND	
	06/13/05	364.35	37.15	327.20	ND	
	08/24/05	364.35	37.70	326.65	ND	
	12/21/05	364.35	38.02	326.33	ND	
	05/31/06	364.18	37.64	326.54	ND	
	09/13/06	364.18	38.19	325.99	ND	
	12/22/06	364.18	38.58	325.60	ND	

TABLE 1
Summary of Groundwater Elevations
Former Welch's Uniform Site
3505 Pasadene Avenue
Los Angeles, California

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (Feet msl)	DEPTH TO WATER (Feet)	STATIC GROUNDWATER ELEVATION (Feet msl)	LIQUID PRODUCT THICKNESS (Inches)	COMMENTS
MW-10B	03/05/90	364.28	37.63	326.65	ND	
	08/22/91	364.28	37.62	326.66	ND	
	07/20/98	364.13	35.92	328.21	ND	
	11/30/99	364.13	37.58	326.55	ND	
	03/15/00	364.13	36.71	327.42	ND	
	06/29/00	364.13	36.92	327.21	ND	
	09/19/00	364.13	37.37	326.76	ND	
	12/04/00	364.13	38.52	325.61	ND	
	03/26/01	364.13	36.26	327.87	ND	
	05/16/01	364.13	36.44	327.69	ND	
	08/20/01	364.13	36.97	327.16	ND	
	12/17/01	364.13	37.42	326.71	ND	
	02/27/02	364.13	37.56	326.57	ND	
	06/03/02	364.13	37.80	326.33	ND	
	08/12/02	364.13	37.79	326.34	ND	
	11/11/02	364.22	37.90	326.32	ND	
	03/10/03	364.22	37.15	327.07	ND	
	05/19/03	364.22	36.58	327.64	ND	
	08/25/03	364.22	37.11	327.11	ND	
	11/17/03	364.22	37.28	326.94	ND	
	03/22/04	364.22	36.67	327.55	ND	
	05/17/04	364.22	36.96	327.26	ND	
	08/16/04	364.22	37.48	326.74	ND	
	11/15/04	364.22	37.14	327.08	ND	
	03/15/05	364.22	34.00	330.22	ND	
	06/13/05	364.22	35.79	328.43	ND	
	08/24/05	364.22	36.40	327.82	ND	
	12/21/05	364.22	36.76	327.46	ND	
	05/31/06	364.07	36.31	327.76	ND	
	9/13/2006	364.07	36.95	327.12	ND	
	12/22/2006	364.07	37.30	326.77	ND	
MW-11	09/20/00	363.78	33.71	330.07	ND	
	12/05/00	363.78	33.98	329.80	ND	
	03/27/01	363.78	32.52	331.26	ND	
	05/17/01	363.78	32.83	330.95	ND	
	08/21/01	363.78	33.40	330.38	ND	
	12/17/01	363.78	33.93	329.85	ND	
	02/27/02	363.78	34.12	329.66	ND	
	06/03/02	363.78	34.35	329.43	ND	
	08/12/02	363.78	34.34	329.44	ND	
	11/11/02	363.92	34.55	329.37	ND	
	03/10/03	363.92	33.70	330.22	ND	
	05/19/03	363.92	33.01	330.91	ND	
	08/25/03	363.92	33.58	330.34	ND	
	11/17/03	363.92	33.80	330.12	ND	
	03/22/04	363.92	33.15	330.77	ND	
	05/17/04	363.92	33.45	330.47	ND	
	08/16/04	363.92	34.03	329.89	ND	
	11/15/04	NA	NA	NA	NA	
	03/15/05	NA	NA	NA	NA	
	08/24/05	NA	NA	NA	NA	
	12/21/05	NA	NA	NA	NA	Destroyed?
MW-12	09/20/00	363.55	35.17	328.38	ND	
	12/05/00	363.55	35.42	328.13	ND	
	03/27/01	363.55	34.07	329.48	ND	
	05/17/01	363.55	34.34	329.21	ND	
	08/21/01	363.55	34.83	328.72	ND	
	12/17/01	363.55	35.37	328.18	ND	
	02/27/02	363.55	35.53	328.02	ND	
	06/03/02	363.55	35.71	327.84	ND	
	08/12/02	363.55	35.69	327.86	ND	
	11/11/02	363.64	35.58	328.06	ND	
	03/10/03	363.64	35.14	328.50	ND	
	05/19/03	363.64	34.47	329.17	ND	
	08/25/03	363.64	35.02	328.62	ND	
	11/17/03	363.64	35.25	328.39	ND	
	03/22/04	363.64	34.60	329.04	ND	
	05/17/04	363.64	34.88	328.76	ND	
	08/16/04	363.64	35.43	328.21	ND	
	11/15/04	363.64	35.05	328.59	ND	
	03/15/05	363.64	31.80	331.84	ND	
	06/13/05	363.64	33.36	330.28	ND	
	08/24/05	363.64	33.80	329.84	ND	
	12/21/05	363.64	34.29	329.35	ND	
	05/31/06	363.64	33.81	329.83	ND	
	09/13/06	NA	NA	NA	NA	Destroyed

TABLE 1
Summary of Groundwater Elevations
Former Welch's Uniform Site
3505 Pasadene Avenue
Los Angeles, California

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (Feet msl)	DEPTH TO WATER (Feet)	STATIC GROUNDWATER ELEVATION (Feet msl)	LIQUID PRODUCT THICKNESS (Inches)	COMMENTS
MW-13A	09/19/00	359.95	39.91	320.04	ND	
	12/05/00	359.95	40.14	319.81	ND	
	03/26/01	359.95	38.87	321.08	ND	
	05/16/01	359.95	39.13	320.82	ND	
	08/20/01	359.95	39.67	320.28	ND	
	12/17/01	359.95	40.10	319.85	ND	
	02/27/02	359.95	40.19	319.76	ND	
	06/03/02	359.95	40.39	319.56	ND	
	08/12/02	359.95	40.41	319.54	ND	
	11/11/02	360.06	40.47	319.59	ND	
	03/10/03	360.06	39.85	320.21	ND	
	05/19/03	360.06	NA	NA	NA	
	08/25/03	360.06	NA	NA	NA	
	11/17/03	360.06	39.40	320.66	ND	
	03/22/04	360.06	39.45	320.61	ND	
	05/17/04	360.06	39.68	320.38	ND	
	08/16/04	360.06	41.45	318.61	ND	
	11/15/04	360.06	39.85	320.21	ND	
	03/15/05	360.06	36.00	324.06	ND	
	06/13/05	360.06	38.40	321.66	ND	
	08/24/05	360.06	39.24	320.82	ND	
	12/21/05	360.06	39.66	320.40	ND	
	06/05/06	359.93	39.15	320.78	ND	
	09/13/06	359.93	39.77	320.16	ND	
	12/21/06	359.93	40.10	319.83	ND	
MW-13B	09/19/00	360.11	41.22	318.89	ND	
	12/05/00	360.11	41.54	318.57	ND	
	03/26/01	360.11	40.16	319.95	ND	
	05/16/01	360.11	40.34	319.77	ND	
	08/20/01	360.11	40.95	319.16	ND	
	12/17/01	360.11	41.46	318.65	ND	
	02/27/02	360.11	41.58	318.53	ND	
	06/03/02	360.11	41.85	318.26	ND	
	08/12/02	360.11	41.90	318.21	ND	
	11/11/02	360.27	41.96	318.31	ND	
	03/10/03	360.27	41.00	319.27	ND	
	05/19/03	360.27	NA	NA	NA	
	08/25/03	360.27	NA	NA	NA	
	11/17/03	360.27	40.15	320.12	ND	
	03/22/04	360.27	40.53	319.74	ND	
	05/17/04	360.27	40.76	319.51	ND	
	08/16/04	360.27	41.29	318.98	ND	
	11/15/04	360.27	41.03	319.24	ND	
	03/15/05	360.27	37.00	323.27	ND	
	06/13/05	360.27	39.08	321.19	ND	
	08/24/05	360.27	39.92	320.35	ND	
	12/21/05	360.27	40.45	319.82	ND	
	06/05/06	359.88	40.02	319.86	ND	
	09/13/06	359.88	40.70	319.18	ND	
	12/21/06	359.88	41.11	318.77	ND	
MW-14	11/11/02	356.67	40.79	315.88	ND	
	03/10/03	356.67	NA	NA	NA	
	05/19/03	356.67	NA	NA	NA	
	08/25/03	356.67	NA	NA	NA	
	11/17/03	356.67	NA	NA	NA	
	03/22/04	356.67	NA	NA	NA	
	05/17/04	356.67	NA	NA	NA	
	08/16/04	356.67	NA	NA	NA	
	11/15/04	356.67	38.37	318.30	ND	
	03/15/05	356.67	34.00	322.67	ND	
	06/13/05	356.67	36.55	320.12	ND	
	08/24/05	356.67	37.50	319.17	ND	
	12/21/05	356.67	38.08	318.59	ND	
	06/05/06	355.05	37.50	317.55	ND	
	09/13/06	355.05	38.25	316.80	ND	
	12/21/06	355.05	37.65	317.40	ND	

TABLE 1
Summary of Groundwater Elevations
Former Welch's Uniform Site
3505 Pasadene Avenue
Los Angeles, California

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (Feet msl)	DEPTH TO WATER (Feet)	STATIC GROUNDWATER ELEVATION (Feet msl)	LIQUID PRODUCT THICKNESS (Inches)	COMMENTS
MW-15	11/11/02	354.20	38.70	315.50	ND	
	03/10/03	354.20	37.96	316.24	ND	
	05/19/03	354.20	37.25	316.95	ND	
	08/25/03	354.20	37.83	316.37	ND	
	11/17/03	354.20	38.13	316.07	ND	
	03/22/04	354.20	37.57	316.63	ND	
	05/17/04	354.20	37.70	316.50	ND	
	08/16/04	354.20	38.23	315.97	ND	
	11/15/04	354.20	38.10	316.10	ND	
	03/15/05	354.20	33.80	320.40	ND	
	06/13/05	354.20	36.22	317.98	ND	
	08/24/05	354.20	37.04	317.16	ND	
	12/21/05	354.20	37.59	316.61	ND	
	06/05/06	353.91	37.02	316.89	ND	
	09/13/06	353.91	37.80	316.11	ND	
	12/21/06	353.91	38.19	315.72	ND	
MW-16A	05/31/06	364.84	34.04	330.80	ND	
	09/13/06	364.84	34.69	330.15	ND	
	12/22/06	364.84	35.15	329.69	ND	
MW-16B	05/31/06	365.61	34.70	330.91	ND	
	09/13/06	365.61	35.35	330.26	ND	
	12/22/06	365.61	35.80	329.81	ND	
MW-16C	05/31/06	365.10	33.33	331.77	ND	
	09/13/06	365.10	34.08	331.02	ND	
	12/22/06	365.10	34.43	330.67	ND	
K-1	04/05/89	365.21	NM	NM	0.5 - 1.0	
	03/05/90	365.21	NM	NM	3.6	
	08/22/91	365.21	35.12	330.09	ND	
	07/21/98	365.07	33.10	331.97	ND	
	11/30/99	365.07	35.14	329.93	ND	
	03/15/00	365.07	34.18	330.89	ND	
	06/29/00	365.07	34.29	330.78	ND	
	09/20/00	365.07	34.71	330.36	ND	
	12/04/00	365.07	35.06	330.01	ND	
	03/26/01	365.07	33.55	331.52	ND	
	05/17/01	365.07	33.80	331.27	ND	
	08/21/01	365.07	34.42	330.65	ND	
	12/17/01	365.07	34.98	330.09	ND	
	02/27/02	365.07	35.22	329.85	ND	
	06/03/02	365.07	35.43	329.64	ND	
	08/12/02	365.07	35.42	329.65	ND	
	11/11/02	365.23	35.60	329.63	ND	
	03/10/03	365.23	34.78	330.45	ND	
	05/19/03	365.23	33.98	331.25	ND	
	08/25/03	365.23	34.60	330.63	ND	
	11/17/03	365.23	34.75	330.48	ND	
	03/22/04	365.23	34.11	331.12	ND	
	05/17/04	365.23	34.35	330.88	ND	
	08/16/04	365.23	35.06	330.17	ND	
	11/15/04	365.23	34.63	330.60	ND	
	03/15/05	365.23	31.40	333.83	ND	
	06/13/05	365.23	33.02	332.21	ND	
	08/24/05	365.23	33.76	331.47	ND	
	12/21/05	365.23	34.27	330.96	ND	
	05/31/06	365.03	33.73	331.30	ND	
	09/13/06	365.03	34.40	330.63	ND	
	12/22/06	365.03	35.45	329.58	ND	

TABLE 1
Summary of Groundwater Elevations
Former Welch's Uniform Site
3505 Pasadene Avenue
Los Angeles, California

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (Feet msl)	DEPTH TO WATER (Feet)	STATIC GROUNDWATER ELEVATION (Feet msl)	LIQUID PRODUCT THICKNESS (Inches)	COMMENTS
K-2	04/05/89	366.01	NM	NM	0.5 - 1.0	
	03/05/90	366.01	NM	NM	<0.1	
	08/22/91	366.01	35.97	330.04	ND	
	07/21/98	365.60	33.71	331.89	ND	
	11/30/99	365.60	35.79	329.81	ND	
	03/15/00	365.60	34.80	330.80	ND	
	06/29/00	365.60	34.93	330.67	ND	
	09/20/00	365.60	35.37	330.23	ND	
	12/04/00	365.60	35.65	329.95	ND	
	03/26/01	365.60	34.14	331.46	ND	
	05/17/01	365.60	34.41	331.19	ND	
	08/21/01	365.60	35.01	330.59	ND	
	12/17/01	365.60	35.62	329.98	ND	
	02/27/02	365.60	35.77	329.83	ND	
	06/03/02	365.60	36.06	329.54	ND	
	08/12/02	365.60	36.05	329.55	ND	
	11/11/02	365.70	36.27	329.43	ND	
	03/10/03	365.70	35.41	330.29	ND	
	05/19/03	365.70	34.67	331.03	ND	
	08/25/03	365.70	35.23	330.47	ND	
	11/17/03	365.70	35.46	330.24	ND	
	03/22/04	365.70	34.50	331.20	ND	
	05/17/04	365.70	35.10	330.60	ND	
	08/16/04	365.70	35.70	330.00	ND	
	11/15/04	365.70	35.35	330.35	ND	
	03/15/05	365.70	32.10	333.60	ND	
	06/13/05	365.70	33.70	332.00	ND	
	08/24/05	365.70	34.39	331.31	ND	
	12/21/05	365.70	34.90	330.80	ND	
	05/31/06	365.53	34.32	331.21	ND	
	09/13/06	365.53	35.08	330.45	ND	
	12/22/06	365.53	34.80	330.73	ND	
K-3	07/21/98	365.28	33.52	331.76	ND	
	11/30/99	365.28	35.56	329.72	ND	
	03/15/00	365.29	34.61	330.68	ND	
	06/29/00	365.28	34.74	330.54	ND	
	09/20/00	365.28	35.18	330.10	ND	
	12/04/00	365.28	35.48	329.80	ND	
	03/26/01	365.28	34.00	331.28	ND	
	05/17/01	365.28	34.00	331.28	ND	
	08/21/01	365.28	34.82	330.46	ND	
	12/17/01	365.28	35.39	329.89	ND	
	02/27/02	365.28	35.61	329.67	ND	
	06/03/02	365.28	35.82	329.46	ND	
	08/12/02	365.28	35.83	329.45	ND	
	11/11/02	365.41	35.95	329.46	ND	
	03/10/03	365.41	35.15	330.26	ND	
	05/19/03	365.41	34.44	330.97	ND	
	08/25/03	365.41	NA	NA	NA	
	11/17/03	365.41	35.25	330.16	ND	
	03/22/04	365.41	34.60	330.81	ND	
	05/17/04	365.41	34.88	330.53	ND	
	08/16/04	365.41	35.50	329.91	ND	
	11/15/04	365.41	35.12	330.29	ND	
	03/15/05	365.41	32.00	333.41	ND	
	06/13/05	365.41	33.53	331.88	ND	
	08/24/05	365.41	34.19	331.22	ND	
	12/21/05	364.80	NA	NA	NA	Obstruction in well

NOTES:

eet msl: Feet above mean sea level.

NM: Not monitored

ND: Not detected

NA: Not applicable, well was not accessible and/or damaged

[1]: Surveyed data by Case Land Surveying, Inc. on 2/21/89

[2]: Surveyed data by Towill Survey, Inc. on 7/24/98

[3]: Surveyed data by Case Land Surveying, Inc. on 11/16/89

[4]: Surveyed data by Towill Survey, Inc. on 9/20/00

[5]: Surveyed data by Thienes Engineering, Inc. on 11/11/02

[6]: Surveyed data by WM Holdings, Inc. on 7/11/06

Table 2
Summary of Groundwater Quality Data
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California

Date	Temperature (Degrees Celcius)	Specific Conductivity (S/M)	pH	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
MW-2						
December 21, 2005	21.7	0.15	7.23	157	4.9	670
May 31, 2006	20	9.99†	6.84	104	1.37	0
September 14, 2006	22.1	0.125	6.73	139	3.95	9
December 22, 2006	21.1	0.155	6.57	104	6.64	0
MW-3						
December 21, 2005	20.3	0.13	7.18	152	5.5	990
May 31, 2006	20.6	0.164	6.84	-146	1.28	71
September 14, 2006	22.2	0.124	6.71	138	3.95	0
December 28, 2006	NR	NR	NR	NR	NR	NR
MW-7						
December 22, 2005	22.5	0.14	6.94	-35	4.1	990
May 31, 2006	21	9.99†	6.71	21	0.91	0
September 15, 2006	21.3	0.125	6.56	37	2.91	0
December 22, 2006	21.7	0.159	7.88	-16	5.8	0
MW-8A						
December 21, 2005	21.1	0.14	6.81	193	5.1	350
June 5, 2006	21.7	2.37	6.88	123	4.01	0
September 14, 2006	21.8	0.127	6.66	137	3.33	0
December 21, 2006	20.4	0.16	7.80	198	6.75	0
MW-9A						
December 22, 2005	22.1	0.14	7.26	-259	0.5	-10
May 31, 2006	21.3	0.309	6.79	-300	0	0
September 15, 2006	21.2	0.117	6.72	200	0	0
December 22, 2006	NR	NR	NR	NR	NR	NR
MW-9B						
December 22, 2005	21.9	0.14	7.37	-19	2.2	990
May 31, 2006	21.3	9.99†	6.89	42	0.39	0
September 15, 2006	21.1	0.127	6.69	114	1.22	0
December 22, 2006	NR	NR	NR	NR	NR	NR
MW-10A						
December 22, 2005	21.8	0.13	7.18	-328	0.2	-10
May 31, 2006	21.4	0.506	6.81	-318	0	0
September 15, 2006	21.2	0.116	6.78	-343	0	0
December 22, 2006	NR	NR	NR	NR	NR	NR
MW-10B						
December 22, 2005	21.6	0.15	7.40	-255	2.5	-10
May 31, 2006	21.1	0.134	7.20	-277	0	0
September 15, 2006	21.0	0.131	7.05	-250	0.21	0
December 22, 2006	NR	NR	NR	NR	NR	NR
MW-12		.				
December 21, 2005	21.6	0.13	6.81	69	4.5	360
May 31, 2006	19.3	0.141	6.64	-212	1.6	999

Table 2
Summary of Groundwater Quality Data
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California

Date	Temperature (Degrees Celcius)	Specific Conductivity (S/M)	pH	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
MW-13A						
December 21, 2005	21.9	0.14	6.66	181	1.3	18
June 5, 2006	21.5	9.99†	6.66	125	0.22	0
September 14, 2006	20.8	0.121	7.71	NM	5.54	0
December 21, 2006	21.0	0.161	7.87	-242	4.18	205
MW-13B						
December 21, 2005	21.5	0.14	7.30	154	3.4	-10
June 5, 2006	21.1	9.99†	6.96	113	0.47	0
September 14, 2006	20.8	0.124	7.97	NM	5.66	0
December 21, 2006	21.1	0.243	7.89	-85	3.96	0
MW-14						
December 21, 2005	21.7	0.14	7.05	181	4.4	990
June 5, 2006	21.3	9.99†	6.67	132	0.62	150
September 14, 2006	19.8	0.117	8.05	NM	6.33	12
December 21, 2006	21.1	0.151	7.84	33	5.65	309
MW-15						
December 21, 2005	21.5	0.13	6.76	206	2.1	520
June 5, 2006	21.1	9.99†	6.49	152	0.34	50
September 14, 2006	20.8	0.110	7.84	NM	5.81	0
December 21, 2006	20.9	0.319	7.76	11	3.84	360
MW-16A						
June 5, 2006	20.2	0.2	6.98	52	7.71	120
September 15, 2006	20.7	0.162	6.97	-78	0	0
December 28, 2006	NR	NR	NR	NR	NR	NR
MW-16B						
June 5, 2006	20.4	9.99†	6.92	132	1.2	139
September 15, 2006	20.7	0.118	6.50	-20	0.59	0
December 28, 2006	NR	NR	NR	NR	NR	NR
MW-16C						
June 5, 2006	20.9	9.99†	7.14	60	0	47
September 15, 2006	20.3	0.123	6.69	12	2.95	0
December 28, 2006	NR	NR	NR	NR	NR	NR
K-1						
December 21, 2005	19.0	0.14	7.79	81	6.2*	510
May 31, 2006	21.0	9.99†	7.27	-36	2.03	8
September 15, 2006	20.7	0.124	7.32	119	5.33	15
December 22, 2006	17.9	0.155	8.75	21	8.90	380
K-2						
December 21, 2005	21.4	0.15	7.82	148	6.4*	460
May 31, 2006	20.9	0.28	6.91	125	6.08	2
September 15, 2006	20.3	0.124	7.23	130	4.95	36
December 22, 2006	16.7	0.151	8.80	73	9.09	0

Notes:
S/M = siemens per meter
mV = millivolts
mg/L = milligrams per liter
NTU = nephelometric turbidity units
NM = Not Monitored
NR = No Purge Record
Water quality parameters taken inside well with a Horiba U-22 except MW-13A, MW-13B, MW-14, MW-15, K-1 and K-2
* = Dissolved oxygen likely elevated because of air lift techniques
† = Specific conductivity instrument showing an error message

Table 3
Summary of Detected Chemical Concentrations in Groundwater (ug/L)
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California

WELL	DATE	EPA 8015M		EPA 8270C(M)	EPA 8260B							
I.D.	SAMPLED	TVPH	TEPH	1,4-Dioxane	CF	1,1-DCE	c-DCE	t-DCE	PCE	TCE	MTBE	OTHER VOCs
MCLs		210[1]	210[1]	3[2]	70	6	6	10	5	5	13[2]	See values at end of table
MW-2	7/20/98	ND<100	NA	NA	NA	ND<1.0	ND<1.0	ND<1.0	1.6	1.4	ND<2.0	Methylene Chloride (**8.5**) 1,1,1,2-PCA (**1.2**)
	11/30/99	ND<100	NA	NA	NA	ND<1.0	ND<1.0	ND<1.0	4.08	1.26	ND<2.0	
	3/15/00	ND<100	NA	NA	NA	ND<1.0	ND<1.0	ND<1.0	4.8	2.2	ND<1.0	
	6/29/00	ND<100	NA	NA	NA	ND<1.0	ND<1.0	ND<1.0	3.3	1.4	ND<1.0	
	9/20/00	ND<100	NA	NA	NA	ND<1.0	ND<1.0	ND<1.0	3.5	1.4	ND<1.0	
	12/4/00	ND<100	NA	NA	NA	ND<1.0	ND<1.0	ND<1.0	2.5	1.0	ND<1.0	
	3/26/01	ND<50	NA	NA	NA	ND<0.5	ND<0.5	ND<0.5	4.5	2.3	ND<1.0	
	5/16/01	ND<50	NA	NA	ND<0.5	ND<0.5	ND<0.5	ND<0.5	2.9	1.3	ND<1.0	
	8/20/01	ND<50	NA	NA	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.6	ND<0.5	ND<1.0	
	12/17/01	ND<50	NA	NA	ND<0.5	ND<0.5	ND<0.5	ND<0.5	2.6	0.93	ND<1.0	
	2/27/02	ND<50	NA	NA	0.52	ND<0.5	ND<0.5	ND<0.5	3.1	1.3	ND<1.0	
	6/3/02	ND<50	NA	NA	ND<0.5	ND<0.5	0.65	ND<0.5	3.8	2.5	ND<1.0	
	8/12/02	ND<50	NA	NA	0.77	ND<0.5	1.0	ND<0.5	3.8	2.4	ND<1.0	
	11/12/02	ND<50	NA	NA	0.72	ND<0.5	0.82	ND<0.5	ND<0.5	2.0	ND<1.0	
	3/10/03	ND<50	NA	NA	0.70	ND<0.5	0.70	ND<0.5	1.2	1.9	ND<1.0	
	5/19/03	ND<50	NA	NA	0.70	ND<0.5	0.70	ND<0.5	2.0	1.2	ND<1.0	
	8/25/03	ND<50	NA	NA	0.79	ND<0.5	0.78	ND<0.5	2.0	1.0	ND<1.0	
	11/18/03	ND<50	NA	NA	0.74	ND<0.5	0.65	ND<0.5	1.7	0.94	ND<1.0	
	3/23/04	ND<50	NA	NA	0.52	ND<0.5	0.78	ND<0.5	1.3	0.85	ND<1.0	
	5/18/04	ND<50	NA	NA	0.63	ND<0.5	0.55	ND<0.5	2.0	0.89	ND<1.0	
	8/17/04	ND<50	NA	NA	0.55	ND<1.0	0.68	ND<0.5	2.3	1.2	ND<1.0	
	11/16/04	ND<50	NA	NA	0.86	ND<1.0	0.68	ND<0.5	1.9	0.89	ND<1.0	
	3/15/05	ND<50	NA	NA	0.58	ND<1.0	0.84	ND<0.5	1.8	1.4	ND<1.0	
	6/13/05	ND<50	NA	NA	ND<0.5	ND<1.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.0	
	8/24/05	ND<50	NA	NA	ND<0.5	ND<1.0	ND<0.5	ND<0.5	0.67	ND<0.5	ND<1.0	
	12/21/05	ND<44	NA	NA	0.46J	ND<0.31	ND<0.35	ND<0.29	0.82J	ND<0.30	ND<0.29	
	5/31/06	ND<48	ND<480	NA	1.5B	ND<0.31	ND<0.35	ND<0.29	1.1	ND<0.30	ND<0.29	Methylene Chloride (**7.4J,B**)
	9/14/06	ND<48	NA	<0.4	0.75	ND<0.26	ND<0.63	ND<0.83	0.87J	ND<0.31	ND<0.23	
	12/22/06	ND<48	NA	NA	0.47J	ND<0.26	ND<0.63	ND<0.83	0.97J	ND<0.31	ND<0.23	
MW-3	7/21/98	**160**	NA	NA	NA	ND<50	ND<5.0	ND<50	**850**	ND<50	ND<100	
	11/30/99	**130**	NA	NA	NA	ND<20	ND<10	ND<10	**308**	**24.3**	ND<20	
	3/15/00	ND<100	NA	NA	NA	ND<10	ND<10	ND<10	**510**	**71**	ND<10	
	6/29/00	ND<100	NA	NA	NA	ND<2.0	2.0	ND<2.0	**100**	**20**	ND<2.0	
	9/20/00	ND<100	NA	NA	NA	ND<2.0	3.8	2.2	**130**	**29**	ND<2.0	
	12/5/00	ND<100	NA	NA	NA	ND<1.0	ND<1.0	ND<1.0	**47**	**12**	ND<1.0	
	3/27/01	**230**	NA	NA	NA	ND<25	ND<25	ND<25	**890**	**180**	ND<50	
	5/17/01	**180**	NA	NA	ND<2.5	ND<2.5	**16**	ND<2.5	**510**	**100**	ND<5.0	
	8/21/01	ND<50	NA	NA	ND<0.5	ND<0.5	**8.6**	ND<0.5	**140**	**50**	ND<1.0	
	12/18/01	**69**	NA	NA	ND<2.5	ND<2.5	**10**	ND<2.5	**120**	**40**	ND<5.0	
	2/28/02	ND<50	NA	NA	1.7	ND<5.0	5.9	2.4	**94**	**28**	ND<1.0	
	6/4/02	ND<50	NA	NA	ND<0.5	ND<0.5	5.6	3.3	**100**	**38**	ND<1.0	
	8/13/02	**100**	NA	NA	1.7	ND<0.5	**15**	4.5	**190**	**93**	ND<1.0	
	11/12/02	**150**	NA	NA	2.6	ND<2.5	**33**	7.2	**270**	**160**	ND<5.0	
	3/11/03	**60**	NA	NA	2.1	ND<1.0	**13**	2.8	**150**	**41**	ND<2.0	
	5/19/03	**90**	NA	NA	2.1	ND<1.0	**22**	2.8	**150**	**47**	ND<2.0	
	8/26/03	**65**	NA	NA	2.5	ND<0.5	**27**	2.5	**110**	**44**	ND<1.0	
	11/18/03	**58**	NA	NA	ND<0.5	ND<0.5	**19**	2.9	**97**	**2.2**	ND<1.0	
	3/23/04	**160**	NA	NA	1.7	ND<1.0	**34**	5.8	**310**	**110**	ND<1.0	
	5/18/04	**66**	NA	NA	1.8	ND<0.5	**21**	1.5	**74**	**28**	ND<1.0	
	8/17/04	**59**	NA	NA	1.7	ND<1.0	**7.8**	1.4	**110**	**22**	ND<1.0	
	11/16/04	**95**	NA	NA	2.2	ND<1.0	**17**	3.2	**160**	**46**	ND<1.0	
	3/15/05	**2300**	NA	NA	ND<25	ND<50	ND<25	ND<25	**5100**	**110**	ND<50	
	6/13/05	**390**	NA	NA	ND<2.5	ND<5.0	**36**	ND<2.5	**460**	**34**	ND<5.0	
	8/25/05	**150**	NA	NA	ND<2.5	ND<5.0	**18**	ND<2.5	**340**	**25**	ND<5.0	
	12/21/05	**110**	NA	NA	1.4J	ND<0.61	**15**	1.6J	**250**	**40**	ND<0.59	
	5/31/06	**150**	**740**	NA	3B	ND<0.61	**38**	1.9J	**450**	**48**	ND<0.59	
	9/14/06	ND<48	ND<480	<0.4	1.2	ND<0.26	**19**	1.7	**130**	**31**	ND<0.23	
	12/28/06	ND<48	ND<480	NA	0.98 J	ND<0.26	**23**	2.2	**83**	**31**	ND<0.23	

Table 3
Summary of Detected Chemical Concentrations in Groundwater (ug/L)
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California

WELL	DATE	EPA 8015M		EPA 8270C(M)	EPA 8260B						
I.D.	SAMPLED	TVPH	TEPH	1,4-Dioxane	CF	1,1-DCE	c-DCE	t-DCE	PCE	TCE	MTBE	OTHER VOCs
MW-4	7/20/98	**696**	NA	NA	NA	ND<500	**3,400**	ND<500	**2,500**	**1,080**	ND<1,000	
	11/30/99	**2,200**	NA	NA	NA	ND<200	**2,880**	ND<100	**2,360**	**1,410**	ND<200	
	3/15/00	ND<100	NA	NA	NA	ND<100	**6,600**	ND<100	**3,200**	**2,300**	ND<100	Vinyl Chloride (**200**)
	6/29/00	ND<100	NA	NA	NA	ND<50	**3,000**	**58**	**3,500**	**1,800**	ND<50	
	9/20/00	**2,500**	NA	NA	NA	ND<50	**2,300**	ND<50	**2,800**	**1,900**	ND<50	
	12/5/00	ND<100	NA	NA	NA	ND<50	**1,800**	ND<50	**2,300**	**1,600**	ND<50	
	3/27/01	**630**	NA	NA	NA	ND<25	**4,500**	ND<25	**1,800**	**1,500**	ND<50	
	5/17/01	**1,100**	NA	NA	ND<25	ND<25	**3,000**	**70**	**3,300**	**2,600**	ND<50	
	8/21/01	**800**	NA	NA	ND<25	ND<25	**4,100**	ND<25	**2,800**	**2,400**	ND<50	
	12/18/01	**640**	NA	NA	ND<25	ND<25	**5,600**	**77**	**2,800**	**3,200**	ND<50	
	2/28/02	**1,400**	NA	NA	ND<25	ND<25	**2,800**	**45**	**2,500**	**2,600**	ND<50	
	6/4/02	**1,600**	NA	NA	ND<0.5	ND<0.5	**2,600**	**3.5**	**1,800**	**2,400**	ND<1.0	
	8/13/02	**2,700**	NA	NA	ND<25	ND<25	**3,100**	**48**	**1,600**	**2,300**	ND<50	
	11/12/02	**1,900**	NA	NA	ND<25	ND<25	**2,400**	**39**	**1,700**	**2,700**	ND<50	
	3/10/03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	5/19/03	**1,600**	NA	NA	ND<25	ND<25	**4,700**	**56**	**1,100**	**1,400**	ND<50	
	8/26/03	**1,600**	NA	NA	ND<25	ND<25	**5,300**	**62**	**1,700**	**3,500**	ND<50	Vinyl Chloride (**54**)
	11/18/03	**3,000**	NA	NA	ND<25	ND<25	**8,000**	**99**	**1,800**	**6,700**	ND<50	Vinyl Chloride (**66**)
	3/23/04	**3,800**	NA	NA	ND<50	ND<50	**12,000**	**160**	**1,500**	**2,100**	ND<100	
	5/18/04	**3,400**	NA	NA	ND<50	ND<50	**11,000**	**170**	**1,200**	**2,100**	ND<100	Vinyl Chloride (**110**)
	8/17/04	**3,400**	NA	NA	ND<25	ND<50	**2,500**	**33**	**670**	**2,400**	ND<50	
	11/16/04	**4,700**	NA	NA	ND<25	ND<50	**7,900**	**74**	**2,400**	**5,100**	ND<50	Vinyl Chloride (**110**)
	3/16/05	**880**	NA	NA	ND<10	ND<20	**1,500**	**15**	**140**	**570**	ND<20	
	6/14/05	**1,400**	NA	NA	ND<25	ND<50	**5,400**	**110**	**100**	**500**	ND<50	
	8/24/05	--	--	--	--	--	--	--	--	--	--	
	12/22/05	--	--	--	--	--	--	--	--	--	--	
	5/31/06	--	--	--	--	--	--	--	--	--	--	
	9/15/06	--	--	--	--	--	--	--	--	--	--	
MW-7	7/20/98	ND<100	NA	NA	NA	ND<12	**121**	**30**	**53**	**93**	ND<25	Methylene Chloride (**57**) Vinyl Chloride (**26**)
	11/30/99	**107**	NA	NA	NA	ND<5.0	**51**	7	**35**	**49**	ND<5.0	
	3/15/00	ND<100	NA	NA	NA	ND<5.0	**290**	**15**	**120**	**140**	ND<5.0	
	6/29/00	ND<100	NA	NA	NA	ND<2.0	**160**	**18**	**72**	**73**	ND<2.0	
	9/20/00	**110**	NA	NA	NA	ND<1.0	**89**	**12**	**65**	**72**	ND<1.0	
	12/4/00	ND<100	NA	NA	NA	ND<1.0	**52**	6.8	**44**	**49**	ND<1.0	
	3/26/01	**140**	NA	NA	NA	ND<2.5	**220**	**27**	**55**	**95**	ND<5.0	
	5/16/01	**110**	NA	NA	ND<2.5	ND<2.5	**260**	**26**	**66**	**87**	ND<5.0	
	8/20/01	ND<50	NA	NA	ND<0.5	ND<0.5	**140**	**15**	**44**	**60**	ND<1.0	
	12/17/01	**70**	NA	NA	ND<2.5	ND<2.5	**66**	**10**	**56**	**75**	ND<5.0	
	2/27/02	**130**	NA	NA	0.93	ND<0.5	**62**	7.1	**47**	**61**	ND<1.0	Vinyl Chloride (**3.9**)
	6/3/02	**70**	NA	NA	ND<0.5	ND<0.5	**80**	6.9	**49**	**69**	ND<1.0	
	8/12/02	**86**	NA	NA	1.3	ND<0.5	**82**	6.4	**48**	**63**	ND<1.0	
	11/12/02	**150**	NA	NA	1.6	ND<0.5	**72**	5.9	**47**	**68**	ND<1.0	
	3/11/03	**63**	NA	NA	1.2	ND<0.5	**130**	8.6	**50**	**59**	ND<1.0	Vinyl Chloride (**1.6**)
	5/19/03	**89**	NA	NA	1.5	ND<1.0	**180**	**12**	**27**	**41**	ND<2.0	1,1,2,2-PCA (1.5)
	8/25/03	**92**	NA	NA	1.5	ND<1.0	**140**	**11**	**33**	**51**	ND<2.0	Vinyl Chloride (**13**)
	11/18/03	**67**	NA	NA	1.6	ND<1.0	**99**	ND<1.0	**40**	**31**	ND<2.0	Vinyl Chloride (**6.2**)
	3/23/04	**96**	NA	NA	0.65	ND<0.5	**100**	ND<0.5	**32**	**38**	ND<1.0	
	5/18/04	**100**	NA	NA	1.2	ND<1.0	**130**	**12**	**34**	**44**	ND<2.0	Vinyl Chloride (**4.3**)
	8/17/04	**78**	NA	NA	1.1	ND<1.0	**74**	8.7	**38**	**46**	ND<1.0	
	11/16/04	**100**	NA	NA	1.2	ND<1.0	**87**	8.7	**39**	**58**	ND<1.0	Vinyl Chloride (**4.3**)
	3/16/05	**85**	NA	NA	0.78	ND<1.0	**82**	6.2	**25**	**32**	ND<1.0	
	6/14/05	**68**	NA	NA	0.57	ND<1.0	**36**	5.6	**18**	**25**	ND<1.0	Vinyl Chloride (**1.6**)
	8/25/05	**67**	NA	NA	0.66	ND<1.0	**36**	3.5	**24**	**24**	ND<1.0	
	12/22/05	**170**	470J	NA	0.62J	ND<0.31	**30**	2.0	**24**	**23**	ND<0.29	Vinyl Chloride (0.49J)
	5/31/06	**67**	**850**	NA	1.7B	ND<0.31	**79**	5.6	**31**	**31**	ND<0.29	Methylene Chloride (**6.1J,B**) Vinyl Chloride (**0.69**)
	9/15/06	ND<48	ND<480	NA	0.79J	ND<0.26	**44**	3.9	**16**	**17**	ND<0.23	Vinyl Chloride (**1.6**)
	12/22/06	**83**	ND<480	NA	0.45J	ND<0.26	**31**	1.6	**14**	**14**	ND<0.23	1,2-Dichlorobenzene (0.21J) Vinyl Chloride (**2.7**)

Table 3
Summary of Detected Chemical Concentrations in Groundwater (ug/L)
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California

WELL	DATE	EPA 8015M		EPA 8270C(M)	EPA 8260B							
I.D.	SAMPLED	TVPH	TEPH	1,4-Dioxane	CF	1,1-DCE	c-DCE	t-DCE	PCE	TCE	MTBE	OTHER VOCs
MW-8A	9/19/00	ND<100	NA	NA	NA	ND<1.0	ND<1.0	ND<1.0	1.5	ND<1.0	ND<1.0	
	12/4/00	ND<100	NA	NA	NA	ND<1.0	ND<1.0	ND<1.0	1.0	ND<1.0	ND<1.0	
	3/26/01	ND<50	NA	NA	NA	ND<0.5	ND<0.5	ND<0.5	1.6	ND<0.5	ND<1.0	
	5/16/01	ND<50	NA	NA	1.1	ND<0.5	ND<0.5	ND<0.5	1.6	ND<0.5	ND<1.0	
	8/20/01	ND<50	NA	NA	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.7	ND<0.5	ND<1.0	
	12/17/01	ND<50	NA	NA	1.2	ND<0.5	ND<0.5	ND<0.5	1.6	ND<0.5	ND<1.0	
	2/27/02	ND<50	NA	NA	1.3	ND<0.5	ND<0.5	ND<0.5	1.7	ND<0.5	ND<1.0	
	6/3/02	ND<50	NA	NA	ND<0.5	ND<0.5	ND<0.5	ND<0.5	3.2	0.86	ND<1.0	
	8/12/02	ND<50	NA	NA	1.4	ND<0.5	ND<0.5	ND<0.5	2.9	0.71	ND<1.0	
	11/11/02	ND<50	NA	NA	1.6	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.0	
	3/10/03	ND<50	NA	NA	1.7	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.0	
	5/19/03	ND<50	NA	NA	1.4	ND<0.5	ND<0.5	ND<0.5	1.1	ND<0.5	ND<1.0	
	8/25/03	ND<50	NA	NA	2.0	ND<0.5	ND<0.5	ND<0.5	2.2	0.76	ND<1.0	
	11/17/03	ND<50	NA	NA	1.7	ND<0.5	ND<0.5	ND<0.5	1.8	ND<0.5	ND<1.0	
	3/22/04	ND<50	NA	NA	1.1	ND<0.5	ND<0.5	ND<0.5	0.54	ND<0.5	ND<1.0	
	5/17/04	ND<50	NA	NA	1.4	ND<0.5	ND<0.5	ND<0.5	1.3	ND<0.5	ND<1.0	
	8/16/04	ND<50	NA	NA	1.4	ND<1.0	ND<0.5	ND<0.5	1.5	ND<0.5	ND<1.0	
	11/15/04	ND<50	NA	NA	1.6	ND<1.0	ND<0.5	ND<0.5	1.2	ND<0.5	ND<1.0	
	3/15/05	ND<50	NA	NA	1.1	ND<1.0	ND<0.5	ND<0.5	0.71	ND<0.5	ND<1.0	
	6/13/05	ND<50	NA	NA	ND<0.5	ND<1.0	0.83	ND<0.5	ND<0.5	ND<0.5	ND<1.0	
	8/24/05	ND<50	NA	NA	0.92	ND<1.0	ND<0.5	ND<0.5	0.86	ND<0.5	ND<1.0	
	12/21/05	ND<44	NA	NA	1.1	ND<0.31	ND<0.35	ND<0.29	1.0	ND<0.30	ND<0.29	
	6/5/06	ND<48	ND<480	NA	1.1B	ND<0.31	ND<0.35	ND<0.29	1.1	ND<0.30	ND<0.29	Methylene chloride (4.6J)
	9/14/06	ND<48	NA	NA	0.92J	ND<0.26	ND<0.63	ND<0.83	1.4	ND<0.31	ND<0.23	Chloroethane (0.70J) Naphthalene (0.72J,B)
	12/21/06	ND<48	NA	NA	0.95J	ND<0.26	ND<0.63	ND<0.83	0.78J	ND<0.31	ND<0.23	Acetone (8.8J)
MW-9A	7/20/98	ND<100	NA	NA	NA	ND<12	**72**	**23**	**40**	**62**	ND<25	Methylene chloride (**54**)
	11/30/99	**103**	NA	NA	NA	ND<5.0	**62**	3	**46**	**52.4**	ND<5.0	
	3/15/00	ND<100	NA	NA	NA	ND<10	**570**	**12**	**87**	**140**	ND<10	
	6/29/00	ND<100	NA	NA	NA	ND<2.0	**130**	6.2	**62**	**62**	ND<2.0	
	9/19/00	ND<100	NA	NA	NA	ND<1.0	**75**	3.6	**39**	**44**	ND<1.0	
	12/4/00	ND<100	NA	NA	NA	ND<1.0	**55**	2.8	**35**	**36**	ND<1.0	
	3/26/01	**130**	NA	NA	NA	ND<2.5	**400**	**13**	**100**	**180**	ND<5.0	
	3/26/01	**130**	NA	NA	NA	ND<2.5	**400**	**13**	**100**	**180**	ND<5.0	
	5/16/01	**75**	NA	NA	ND<2.5	ND<2.5	**210**	**13**	**72**	**92**	ND<5.0	
	8/20/01	ND<50	NA	NA	ND<0.5	ND<0.5	**100**	5.2	**41**	**51**	ND<1.0	
	12/17/01	ND<50	NA	NA	ND<2.5	ND<2.5	**100**	ND<2.5	**58**	**63**	ND<5.0	
	2/27/02	ND<50	NA	NA	0.75	ND<0.5	**110**	2.6	**40**	**46**	ND<1.0	
	6/3/02	ND<50	NA	NA	ND<2.5	ND<2.5	**95**	ND<2.5	**32**	**38**	ND<5.0	Acetone (7.6J)
	8/12/02	**91**	NA	NA	ND<2.5	ND<2.5	**88**	3.0	**36**	**41**	ND<5.0	
	11/11/02	**62**	NA	NA	0.99	ND<0.5	**100**	2.8	**37**	**48**	ND<1.0	
	3/10/03	ND<50	NA	NA	1.0	ND<0.5	**120**	3.3	**40**	**39**	ND<1.0	
	5/19/03	**61**	NA	NA	0.8	ND<0.5	**110**	4.8	**31**	**38**	ND<1.0	
	8/25/03	**50**	NA	NA	1.1	ND<0.5	**110**	3.8	**27**	**37**	ND<1.0	
	11/17/03	ND<50	NA	NA	1.0	ND<0.5	**97**	3.5	**33**	ND<0.5	ND<1.0	
	3/22/04	**67**	NA	NA	0.63	ND<0.5	**88**	3.1	**26**	**25**	ND<1.0	
	5/17/04	**63**	NA	NA	0.92	ND<0.5	**96**	4.2	**31**	**34**	ND<1.0	
	8/16/04	**68**	NA	NA	0.86	ND<1.0	**80**	3.0	**29**	**32**	ND<1.0	
	11/15/04	**86**	NA	NA	0.95	ND<1.0	**86**	3.0	**25**	**28**	ND<1.0	
	3/16/05	ND<50	NA	NA	0.73	ND<1.0	**84**	4.4	**15**	**18**	ND<1.0	
	6/14/05	**63**	NA	NA	0.59	ND<1.0	**65**	4.0	**9.9**	**16**	ND<1.0	
	8/25/05	ND<50	NA	NA	0.55	ND<1.0	**52**	2.7	**16**	**19**	ND<1.0	
	12/22/05	ND<44	NA	NA	0.59J	ND<0.31	**38**	1.2	**20**	**17**	ND<0.29	
	5/31/06	ND<48	ND<480	NA	1.6B	ND<1.0	**70**	2.3	**21**	**21**	ND<0.29	Methylene chloride (**6.9J,B**) Vinyl Chloride (**0.53**)
	9/14/06	ND<48	ND<480	NA	0.52J	ND<0.26	**69**	1.4	**15**	**12**	ND<0.23	
	12/22/06	ND<48	ND<480	NA	0.54J	ND<0.26	**58**	1.3	**11**	**11**	ND<0.23	

Table 3
Summary of Detected Chemical Concentrations in Groundwater (ug/L)
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California

WELL	DATE	EPA 8015M		EPA 8270C(M)	EPA 8260B							
I.D.	SAMPLED	TVPH	TEPH	1,4-Dioxane	CF	1,1-DCE	c-DCE	t-DCE	PCE	TCE	MTBE	OTHER VOCs
MW-9B	7/20/98	ND<100	NA	NA	NA	ND<10	ND<10	ND<10	**125**	**15**	ND<20	Methylene chloride (**41**)
	11/30/99	**256**	NA	NA	NA	ND<25.0	ND<12.5	ND<12.5	**404**	ND<12.5	ND<25	
	3/15/00	ND<100	NA	NA	NA	ND<10	ND<10	ND<10	**550**	**15**	ND<10	
	6/29/00	ND<100	NA	NA	NA	ND<2.5	ND<2.5	ND<2.5	**210**	**6.1**	ND<2.5	
	9/19/00	ND<100	NA	NA	NA	ND<2.0	ND<2.0	ND<2.0	**100**	**5.9**	ND<2.0	
	12/4/00	ND<100	NA	NA	NA	ND<1.0	ND<1.0	ND<1.0	**81**	4.4	ND<1.0	
	3/26/01	ND<100	NA	NA	NA	ND<0.5	ND<0.5	ND<0.5	**140**	**7.7**	ND<1.0	
	5/16/01	ND<50	NA	NA	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**130**	**7.3**	ND<1.0	
	8/20/01	ND<50	NA	NA	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**67**	4.8	ND<1.0	
	12/17/01	ND<50	NA	NA	ND<0.5	ND<0.5	0.91	ND<0.5	**130**	**7.8**	ND<1.0	
	2/27/02	ND<50	NA	NA	ND<0.5	ND<0.5	0.69	ND<0.5	**85**	**6.9**	ND<1.0	
	6/3/02	ND<50	NA	NA	ND<0.5	ND<0.5	0.58	ND<0.5	**49**	**5.1**	ND<1.0	
	8/12/02	ND<50	NA	NA	ND<0.5	ND<0.5	0.53	ND<0.5	**88**	**6.9**	ND<1.0	
	11/11/02	ND<50	NA	NA	ND<0.5	ND<0.5	0.79	ND<5.0	**45**	**6.4**	ND<1.0	
	3/10/03	ND<50	NA	NA	ND<0.5	ND<0.5	0.60	ND<0.5	**36**	4.1	ND<1.0	
	5/19/03	ND<50	NA	NA	ND<0.5	ND<0.5	0.89	ND<0.5	**46**	4.6	ND<1.0	
	8/25/03	ND<50	NA	NA	ND<0.5	ND<0.5	0.97	ND<0.5	**32**	4.2	ND<1.0	
	11/17/03	ND<50	NA	NA	ND<0.5	ND<0.5	0.97	ND<0.5	**22**	3.8	ND<1.0	
	3/22/04	ND<50	NA	NA	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**18**	2.2	ND<1.0	
	5/17/04	ND<50	NA	NA	ND<0.5	ND<0.5	0.84	ND<0.5	**15**	2.4	ND<1.0	
	8/16/04	ND<50	NA	NA	ND<0.5	ND<0.5	ND<1.0	ND<0.5	**5.4**	1.3	ND<1.0	
	11/15/04	ND<50	NA	NA	ND<0.5	ND<1.0	ND<0.5	ND<0.5	3.0	ND<0.5	ND<1.0	
	3/15/05	ND<50	NA	NA	ND<0.5	ND<1.0	0.50	ND<0.5	1.6	0.68	ND<1.0	
	6/13/05	ND<50	NA	NA	ND<0.5	ND<1.0	0.56	ND<0.5	ND<0.5	1.4	ND<1.0	
	8/24/05	ND<50	NA	NA	0.73	ND<1.0	ND<0.5	ND<0.5	1.0	ND<0.5	ND<1.0	
	12/22/05	ND<44	NA	NA	ND<0.22	ND<0.31	ND<0.35	ND<0.29	1.3	ND<0.30	ND<0.29	
	5/31/06	ND<48	ND<480	NA	0.94J,B	ND<0.31	0.83J	ND<0.29	3.5	0.89J	ND<0.29	Methylene chloride (**7.3J,B**)
	9/15/06	ND<48	**750**	NA	0.49J	ND<0.26	1.3	ND<0.83	1.3	ND<0.31	ND<0.23	Acetone (7.6J,B)
	12/22/06	ND<48	ND<480	NA	ND<0.29	ND<0.26	ND<0.63	ND<0.83	1.9	ND<0.31	ND<0.23	
MW-10A	7/20/98	**206**	NA	NA	NA	ND<25	**567**	ND<25	**306**	**463**	ND<50	
	11/30/99	**678**	NA	NA	NA	ND<100	**1,680**	ND<50	**131**	**268**	ND<100	
	3/15/00	ND<100	NA	NA	NA	ND<25	**1,600**	**26**	**110**	**200**	ND<25	
	6/29/00	ND<100	NA	NA	NA	ND<25	**1,200**	ND<25	**110**	**280**	ND<25	
	9/19/00	**490**	NA	NA	NA	ND<12	**900**	**18**	**93**	**170**	ND<12	
	12/4/00	ND<100	NA	NA	NA	ND<10	**560**	**12**	**58**	**66**	ND<10	
	3/26/01	**160**	NA	NA	NA	ND<2.5	**850**	**16**	**97**	**140**	ND<5.0	
	5/16/01	**170**	NA	NA	ND<2.5	ND<2.5	**980**	**18**	**84**	**140**	ND<5.0	
	8/20/01	**100**	NA	NA	ND<2.5	ND<2.5	**800**	**13**	**79**	**110**	ND<5.0	
	12/17/01	**99**	NA	NA	ND<2.5	ND<2.5	**750**	**14**	**69**	**77**	ND<5.0	
	2/27/02	**100**	NA	NA	ND<5.0	ND<5.0	**1,100**	**18**	**60**	**73**	ND<10	
	6/3/02	**140**	NA	NA	ND<5.0	ND<5.0	**1,200**	**14**	**44**	**58**	ND<10	
	8/12/02	**450**	NA	NA	ND<50	ND<5.0	**1,200**	**13**	**47**	**56**	ND<10	
	11/11/02	**97**	NA	NA	ND<2.5	ND<2.5	**550**	7.8	**28**	**47**	ND<5.0	
	3/10/03	**83**	NA	NA	ND<2.5	ND<2.5	**780**	8.0	**37**	**36**	ND<5.0	
	5/19/03	**83**	NA	NA	ND<2.5	ND<2.5	**360**	4.1	**26**	**27**	ND<5.0	
	8/25/03	**94**	NA	NA	ND<2.5	ND<2.5	**680**	7.3	**26**	**39**	ND<5.0	Vinyl Chloride (**7.6**)
	11/17/03	**100**	NA	NA	ND<2.5	ND<2.5	**940**	**10**	**35**	**42**	ND<5.0	
	3/22/04	**140**	NA	NA	ND<2.5	ND<2.5	**380**	5.7	**12**	**12**	ND<5.0	
	5/17/04	**120**	NA	NA	ND<2.5	5.0	**540**	7.3	**28**	**25**	ND<5.0	
	8/16/04	**140**	NA	NA	ND<2.5	ND<1.0	**670**	7.8	**24**	**22**	ND<5.0	
	11/15/04	**180**	NA	NA	ND<2.5	ND<5.0	**490**	5.1	**17**	**13**	ND<5.0	
	3/16/05	**110**	NA	NA	ND<5.0	ND<10	**1,000**	**14**	**16**	**32**	ND<10	
	6/14/05	**180**	NA	NA	ND<5.0	ND<10	**510**	**18**	**7.1**	**24**	ND<10	
	8/25/05	**120**	NA	NA	ND<5.0	ND<10	**470**	6.9	**20**	**22**	ND<10	
	12/22/05	**88**	NA	NA	ND<0.43	ND<0.61	**350**	5.3	**25**	**19**	ND<0.59	
	5/31/06	ND<48	ND<480	NA	1.1J,B	ND<0.61	**280**	**11**	**14**	**11**	ND<0.59	Methylene chloride (**31**B) Vinyl Chloride (**1.7**)
	9/15/06	ND<48	ND<480	NA	ND<0.59	ND<0.51	**260**	8.1	**13**	**11**	ND<0.45	Vinyl Chloride (**3.4**)
	12/22/06	ND<48	ND<480	NA	ND<0.59	ND<0.51	**200**	2.5	**13**	**8.6**	ND<0.45	Vinyl Chloride (**1.9**)

Table 3
Summary of Detected Chemical Concentrations in Groundwater (ug/L)
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California

WELL	DATE	EPA 8015M		EPA 8270C(M)	EPA 8260B							
I.D.	SAMPLED	TVPH	TEPH	1,4-Dioxane	CF	1,1-DCE	c-DCE	t-DCE	PCE	TCE	MTBE	OTHER VOCs
MW-10B	7/20/98	ND<100	NA	NA	NA	ND<2.5	**73.7**	ND<2.5	**69.5**	**33.2**	ND<5.0	
	11/30/99	ND<100	NA	NA	NA	ND<4	**50.3**	ND<2.0	**41**	**46.5**	ND<4.0	
	3/15/00	ND<100	NA	NA	NA	ND<1.0	**39**	1.0	**21**	**24**	ND<1.0	
	6/29/00	ND<100	NA	NA	NA	ND<1.0	**31**	1.1	**18**	**20**	ND<1.0	
	9/19/00	ND<100	NA	NA	NA	ND<1.0	**36**	1.4	**18**	**20**	ND<1.0	
	12/4/00	ND<100	NA	NA	NA	ND<1.0	**28**	1.2	**14**	**15**	ND<1.0	
	3/26/01	**57**	NA	NA	NA	ND<0.5	**52**	2.8	**23**	**27**	ND<1.0	
	5/16/01	ND<50	NA	NA	ND<0.5	ND<0.5	**41**	1.9	**17**	**19**	ND<1.0	
	8/20/01	ND<50	NA	NA	ND<0.5	ND<0.5	**46**	ND<0.5	**17**	**19**	ND<1.0	
	12/17/01	ND<50	NA	NA	ND<0.5	ND<0.5	**38**	ND<0.5	**17**	**17**	ND<1.0	
	2/27/02	ND<50	NA	NA	ND<0.5	ND<0.5	**24**	0.77	**13**	**13**	ND<1.0	
	6/3/02	ND<50	NA	NA	ND<0.5	ND<0.5	**15**	ND<0.5	**9.5**	**9.5**	ND<1.0	
	8/12/02	ND<50	NA	NA	ND<0.5	ND<0.5	**11**	ND<0.5	**9.0**	**7.6**	ND<1.0	
	11/11/02	ND<50	NA	NA	ND<0.5	ND<0.5	**6.8**	ND<0.5	**5.3**	**6.9**	ND<1.0	
	3/10/03	ND<50	NA	NA	ND<0.5	ND<0.5	3.7	ND<0.5	4.5	4.6	ND<1.0	
	5/19/03	ND<50	NA	NA	ND<0.5	ND<0.5	4.0	ND<0.5	**5.6**	4.5	ND<1.0	
	8/25/03	ND<50	NA	NA	ND<0.5	ND<0.5	4.0	ND<0.5	**7.8**	**6.0**	ND<1.0	
	11/17/03	ND<50	NA	NA	ND<0.5	ND<0.5	3.8	ND<0.5	**7.9**	**5.9**	ND<1.0	
	3/22/04	ND<50	NA	NA	ND<0.5	ND<0.5	2.7	ND<0.5	**2.8**	1.9	ND<1.0	
	5/17/04	ND<50	NA	NA	ND<0.5	ND<0.5	1.6	ND<0.5	**7.0**	4.9	ND<1.0	
	8/16/04	ND<50	NA	NA	ND<0.5	ND<1.0	0.96	ND<0.5	**7.1**	**5.4**	ND<1.0	
	11/15/04	ND<50	NA	NA	ND<0.5	ND<1.0	0.84	ND<0.5	**7.1**	**5.8**	ND<1.0	
	3/15/05	ND<50	NA	NA	ND<0.5	ND<1.0	3.2	ND<0.5	**5.8**	**5.2**	ND<1.0	
	6/13/05	ND<50	NA	NA	ND<0.5	ND<1.0	**8.8**	0.82	3.4	4.4	ND<1.0	
	8/24/05	ND<50	NA	NA	ND<0.5	ND<1.0	**22**	0.51	3.6	4.3	ND<1.0	
	12/22/05	ND<44	NA	NA	ND<0.22	ND<0.31	**15**	ND<0.29	4.3	4.6	ND<0.29	
	5/31/06	ND<48	ND<480	NA	0.53J,B	ND<0.31	**7.1**	0.31J	3.3	2.9	ND<0.29	Methylene chloride (**13,B**)
	9/15/06	ND<48	ND<480	NA	ND<0.29	ND<0.26	**7.3**	ND<0.83	**5.1**	3.5	ND<0.23	
	12/22/06	ND<48	ND<480	NA	ND<0.29	ND<0.26	5.8	ND<0.83	3.7	3.4	ND<0.23	TBA (9.3J)
MW-11	9/20/00	**110**	NA	NA	NA	ND<2.0	**21**	ND<2.0	**100**	**130**	ND<2.0	
	12/5/00	ND<100	NA	NA	NA	ND<1.0	1.8	ND<1.0	**17**	**12**	ND<1.0	
	3/27/01	ND<50	NA	NA	NA	ND<0.5	ND<0.5	ND<0.5	**33**	**9.2**	ND<1.0	
	5/17/01	ND<50	NA	NA	1.4	ND<0.5	2.0	ND<0.5	**28**	4.9	ND<1.0	
	8/21/01	ND<50	NA	NA	ND<0.5	ND<0.5	**59**	ND<0.5	**43**	**69**	ND<1.0	
	12/18/01	**200**	NA	NA	ND<2.5	ND<2.5	**560**	ND<2.5	**130**	**460**	ND<5.0	
	2/28/02	ND<50	NA	NA	1.7	ND<0.5	**61**	0.78	**25**	**21**	ND<1.0	
	6/4/02	ND<50	NA	NA	0.92	ND<0.5	**71**	0.77	**18**	**8.1**	ND<1.0	
	8/13/02	ND<50	NA	NA	1.7	ND<0.5	**15**	0.5	**10**	2.4	ND<1.0	
	11/12/02	ND<50	NA	NA	2.0	ND<0.5	**42**	0.59	**13**	3.5	ND<1.0	
	3/10/03	ND<50	NA	NA	1.8	ND<0.5	**32**	0.80	**34**	**20**	ND<1.0	
	5/19/03	ND<50	NA	NA	2.1	ND<0.5	5.0	ND<0.5	**13**	**15**	ND<1.0	
	8/26/03	**90**	NA	NA	3.9	ND<1.0	**87**	ND<1.0	**31**	**200**	ND<2.0	
	11/18/03	ND<50	NA	NA	2.5	ND<1.0	**100**	1.7	**24**	**43**	ND<2.0	
	3/23/04	ND<50	NA	NA	1.5	ND<0.5	4.0	ND<0.5	**15**	2.6	ND<1.0	
	5/18/04	**52**	NA	NA	2.3	ND<0.5	**41**	ND<0.5	**22**	**110**	ND<1.0	
	8/17/04	**160**	NA	NA	2.3	ND<2.0	**110**	2.5	**20**	**280**	ND<2.0	
	11/15/04	--	--	--	--	--	--	--	--	--	--	
	3/15/05	--	--	--	--	--	--	--	--	--	--	
	6/13/05	--	--	--	--	--	--	--	--	--	--	
	8/24/05	--	--	--	--	--	--	--	--	--	--	
	12/22/05	--	--	--	--	--	--	--	--	--	--	
	5/31/06	--	--	--	--	--	--	--	--	--	--	
	9/15/06	--	--	--	--	--	--	--	--	--	--	

Table 3
Summary of Detected Chemical Concentrations in Groundwater (ug/L)
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California

WELL	DATE	EPA 8015M		EPA 8270C(M)	EPA 8260B						
I.D.	SAMPLED	TVPH	TEPH	1,4-Dioxane	CF	1,1-DCE	c-DCE	t-DCE	PCE	TCE	MTBE	OTHER VOCs
MW-12	9/20/00	ND<100	NA	NA	NA	ND<2.0	**24**	ND<2.0	**96**	**27**	ND<2.0	
	12/4/00	ND<100	NA	NA	NA	ND<2.0	**19**	ND<2.0	**81**	**19**	ND<2.0	
	3/27/01	**160**	NA	NA	NA	ND<0.5	**110**	3.6	**120**	**66**	ND<1.0	
	5/17/01	**190**	NA	NA	ND<1.0	ND<0.5	**160**	3.6	**140**	**78**	ND<1.0	
	8/21/01	ND<50	NA	NA	ND<0.5	ND<0.5	**140**	ND<0.5	**140**	**70**	ND<1.0	
	12/18/01	**54**	NA	NA	1.9	ND<0.5	**86**	1.7	**100**	**55**	ND<1.0	
	2/28/02	**50**	NA	NA	1.5	ND<0.5	**51**	1.0	**70**	**39**	ND<1.0	
	6/4/02	ND<50	NA	NA	0.56	ND<0.5	**37**	0.89	**45**	**30**	ND<1.0	
	8/13/02	**54**	NA	NA	1.6	ND<0.5	**40**	1.0	**50**	**32**	ND<1.0	
	11/12/02	ND<50	NA	NA	1.9	ND<0.5	**33**	1.0	**48**	**30**	ND<1.0	
	3/10/03	**120**	NA	NA	1.4	ND<1.0	**120**	ND<1.0	**17**	**160**	ND<2.0	
	5/19/03	**130**	NA	NA	1.5	ND<0.5	**140**	2.4	**49**	**56**	ND<2.0	
	8/26/03	**80**	NA	NA	2.0	ND<0.5	**110**	1.6	**73**	**110**	ND<1.0	
	11/18/03	**62**	NA	NA	2.0	ND<0.5	**98**	1.8	**63**	**97**	ND<1.0	
	3/23/04	**55**	NA	NA	1.3	ND<0.5	**54**	1.4	**28**	**28**	ND<1.0	
	5/18/04	**130**	NA	NA	2.9	ND<0.5	**130**	2.4	**110**	**110**	ND<1.0	
	8/17/04	**65**	NA	NA	1.7	ND<1.0	**57**	1.3	**35**	**55**	ND<1.0	
	11/16/04	**90**	NA	NA	2.2	ND<1.0	**56**	2.0	**42**	**53**	ND<1.0	
	3/15/05	**450**	NA	NA	ND<5.0	ND<10	**1600**	**20**	**610**	**1900**	ND<10	
	6/13/05	**770**	NA	NA	ND<5.0	ND<10	**810**	**50**	**160**	**320**	ND<10	
	8/25/05	**210**	NA	NA	ND<5.0	ND<10	**380**	9.1	**150**	**200**	ND<10	
	12/21/05	**120**	NA	NA	1.2	ND<0.31	**140**	9.9	**82**	**100**	ND<0.29	
	5/31/06	**110**	ND<480	NA	1.8B	ND<0.31	**250**	5.5	**59**	**130**	ND<0.29	Methylene chloride (**13B**)
	9/15/06	--	--	--	--	--	--	--	--	--	--	
	12/21/06	--	--	--	--	--	--	--	--	--	--	
MW-13A	9/19/00	ND<100	NA	NA	NA	ND<2.0	**110**	7.9	**45**	**42**	ND<2.0	
	12/5/00	ND<100	NA	NA	NA	ND<1.0	**93**	6.8	**45**	**39**	ND<1.0	
	3/26/01	**110**	NA	NA	NA	ND<2.5	**440**	**16**	**91**	**100**	ND<5.0	
	5/16/01	**120**	NA	NA	ND<2.5	ND<2.5	**420**	**17**	**100**	**130**	ND<5.0	
	8/20/01	ND<50	NA	NA	ND<1.3	ND<1.3	**180**	4.0	**47**	**49**	ND<2.5	
	12/17/01	ND<50	NA	NA	ND<2.5	ND<2.5	**100**	6.3	**50**	**45**	ND<5.0	
	2/27/02	ND<50	NA	NA	0.79	ND<0.5	**88**	4.8	**47**	**41**	ND<1.0	
	6/3/02	ND<50	NA	NA	ND<0.5	ND<0.5	**98**	4.0	**40**	**38**	ND<1.0	
	8/12/02	**76**	NA	NA	0.97	ND<0.5	**110**	4.3	**41**	**36**	ND<1.0	
	11/11/02	ND<50	NA	NA	1.0	ND<0.5	**69**	3.2	**31**	**32**	ND<1.0	
	3/10/03	ND<50	NA	NA	0.8	ND<0.5	**110**	3.7	**40**	**26**	ND<1.0	
	5/19/03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	8/25/03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	11/17/03	ND<50	NA	NA	0.96	ND<0.5	**100**	4.5	**34**	**30**	ND<1.0	
	3/22/04	**64**	NA	NA	0.67	ND<0.5	**120**	4.3	**40**	**24**	ND<1.0	
	5/17/04	**84**	NA	NA	0.92	ND<0.5	**150**	5.8	**39**	**32**	ND<1.0	
	8/16/04	**67**	NA	NA	0.99	ND<1.0	**110**	4.2	**31**	**27**	ND<1.0	
	11/15/04	**80**	NA	NA	0.88	ND<1.0	**100**	4.0	**31**	**23**	ND<1.0	
	3/16/05	**120**	NA	NA	ND<2.5	ND<5.0	**500**	8.7	**49**	**54**	ND<5.0	
	6/14/05	**98**	NA	NA	ND<0.5	ND<1.0	**140**	6.2	**30**	**29**	ND<1.0	
	8/25/05	**61**	NA	NA	0.50	ND<1.0	**73**	3.5	**28**	**20**	ND<1.0	
	12/21/05	**58**	NA	NA	0.63J	ND<0.31	**55**	2.5	**30**	**18**	ND<0.29	
	6/5/06	**100**	ND<480	NA	0.64J,B	ND<0.31	**200**	9.2	**52**	**39**	ND<0.29	Acetone (9.2J,B) Methylene chloride (4.6J,B)
	9/14/06	ND<48	NA	NA	0.77J	ND<0.26	**66**	6.9	**24**	**16**	ND<0.23	Acetone (9.2J,B)
	12/21/06	ND<48	NA	NA	0.63J	ND<0.26	**35**	1.4	**22**	**11**	ND<0.23	

Table 3
Summary of Detected Chemical Concentrations in Groundwater (ug/L)
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California

WELL	DATE	EPA 8015M		EPA 8270C(M)	EPA 8260B							
I.D.	SAMPLED	TVPH	TEPH	1,4-Dioxane	CF	1,1-DCE	c-DCE	t-DCE	PCE	TCE	MTBE	OTHER VOCs
MW-13B	9/19/00	ND<100	NA	NA	NA	ND<1.0	ND<1.0	ND<1.0	**49**	1.1	ND<1.0	
	12/5/00	ND<100	NA	NA	NA	ND<2.5	**30**	ND<2.5	**120**	**14.0**	ND<2.5	
	3/26/01	**66**	NA	NA	NA	ND<0.5	**48**	3.6	**130**	**19**	ND<1.0	
	5/16/01	**55**	NA	NA	ND<0.5	ND<0.5	**54**	2.5	**120**	**20**	ND<1.0	
	8/20/01	ND<50	NA	NA	ND<0.5	ND<0.5	**66**	2.2	**110**	**20**	ND<1.0	
	12/17/01	ND<50	NA	NA	0.56	ND<0.5	**50**	ND<0.5	**110**	**20**	ND<1.0	
	2/27/02	ND<50	NA	NA	ND<0.5	ND<0.5	**33**	0.67	**89**	**15**	ND<1.0	
	6/3/02	ND<50	NA	NA	ND<0.5	ND<0.5	**32**	0.72	**87**	**16**	ND<1.0	
	8/12/02	**54**	NA	NA	0.55	ND<0.5	**29**	0.79	**91**	**16**	ND<1.0	
	11/11/02	ND<50	NA	NA	0.61	ND<0.5	**14**	0.67	**70**	**15**	ND<1.0	
	3/10/03	ND<50	NA	NA	ND<0.5	ND<0.5	1.3	ND<0.5	3.7	1.1	ND<1.0	
	5/19/03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	8/25/03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	11/17/03	ND<50	NA	NA	ND<0.5	ND<0.5	1.3	ND<0.5	**8.0**	1.7	ND<1.0	
	3/22/04	ND<50	NA	NA	ND<0.5	ND<0.5	2.3	ND<0.5	**8.8**	1.4	ND<1.0	
	5/17/04	ND<50	NA	NA	ND<0.5	ND<0.5	2.4	ND<0.5	**8.2**	1.5	ND<1.0	
	8/16/04	ND<50	NA	NA	ND<0.5	ND<1.0	2.3	ND<0.5	**6.6**	1.5	ND<1.0	
	11/15/04	ND<50	NA	NA	ND<0.5	ND<1.0	3.3	ND<0.5	**8.0**	1.6	ND<1.0	
	3/16/05	ND<50	NA	NA	ND<0.5	ND<1.0	**6.2**	ND<0.5	**9.4**	3.4	ND<1.0	
	6/13/05	ND<50	NA	NA	ND<0.5	ND<1.0	**6.7**	0.60	**6.4**	2.6	ND<1.0	
	8/25/05	ND<50	NA	NA	ND<0.5	ND<1.0	**8.7**	ND<0.5	**8.3**	2.7	ND<1.0	
	12/21/05	ND<44	NA	NA	0.26J	ND<0.31	**18.0**	0.51J	**11.0**	4.8	ND<0.29	
	6/5/06	ND<48	ND<480	NA	ND<0.22	ND<0.31	5.4	ND<0.29	**6.4**	2.2	ND<0.29	Methylene chloride (4.6J,B)
	9/14/06	ND<48	NA	NA	0.36J	ND<0.26	5.8	ND<0.83	**5.0**	1.9	ND<0.23	Acetone (8.2J,B)
	12/21/06	ND<48	NA	NA	ND<0.29	ND<0.26	**11**	ND<0.83	**6.9**	2.9	ND<0.23	Acetone (8.5J)
MW-14	11/11/02	ND<50	NA	NA	0.60	ND<0.5	**50**	2.0	**18**	**19**	ND<1.0	
	3/10/03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	5/19/03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	8/25/03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	11/17/03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	3/22/04	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	5/17/04	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	8/16/04	**63**	NA	NA	0.64	ND<1.0	**110**	4.7	**28**	**23**	ND<1.0	
	11/15/04	**58**	NA	NA	0.58	ND<1.0	**65**	3.1	**19**	**15**	ND<1.0	
	3/15/05	**58**	NA	NA	ND<1.0	ND<2.0	**250**	5.2	**34**	**29**	ND<2.0	
	6/13/05	**100**	NA	NA	ND<1.0	ND<2.0	**120**	**13**	**28**	**22**	ND<2.0	Naphthalene (7.7) 1,2,4-Trichlorobenzene (1.3)
	8/25/05	**56**	NA	NA	ND<0.5	ND<1.0	**55**	3.1	**20**	**15**	ND<1.0	
	12/21/05	**46**	NA	NA	0.55J	ND<0.31	**42**	2.1	**25**	**16**	ND<0.29	
	6/5/06	**63**	ND<480	NA	0.57J,B	ND<0.31	**86**	6.1	**35**	**21**	ND<0.29	Methylene chloride (4.7J,B)
	9/14/06	ND<48	NA	NA	1.5	ND<0.26	**91**	3.1	**28**	**21**	ND<0.23	Acetone (10B)
	12/21/06	ND<48	NA	NA	0.79J	ND<0.26	**45**	3.1	**19**	**11**	ND<0.23	Acetone (9.4J)
MW-15	11/11/02	**87**	NA	NA	ND<2.5	ND<2.5	**190**	4.8	**56**	**62**	ND<5.0	
	3/10/03	**58**	NA	NA	ND<1.0	ND<1.0	**180**	2.9	**60**	**42**	ND<2.0	
	5/19/03	**63**	NA	NA	ND<1.0	ND<1.0	**150**	2.4	**43**	**37**	ND<2.0	
	8/25/03	**72**	NA	NA	1.2	ND<1.0	**290**	3.4	**67**	**70**	ND<2.0	
	11/17/03	**80**	NA	NA	ND<1.0	ND<1.0	**340**	5.0	**77**	**92**	ND<2.0	
	3/22/04	**100**	NA	NA	ND<1.0	ND<1.0	**300**	5.2	**74**	**59**	ND<2.0	
	5/17/04	**130**	NA	NA	ND<2.5	ND<2.5	**270**	4.9	**63**	**60**	ND<5.0	
	8/16/04	**110**	NA	NA	ND<1.0	ND<2.0	**260**	4.2	**65**	**62**	ND<2.0	
	11/15/04	**130**	NA	NA	ND<1.0	ND<2.0	**320**	4.1	**67**	**66**	ND<2.0	
	3/16/05	**86**	NA	NA	1.2	ND<2.0	**250**	3.1	**35**	**50**	ND<2.0	
	6/14/05	**210**	NA	NA	ND<2.5	ND<5.0	**640**	**13**	**65**	**86**	ND<5.0	Naphthalene (15)
	8/24/05	**140**	NA	NA	ND<2.5	ND<5.0	**510**	9.9	**61**	**63**	ND<5.0	
	12/21/05	**110**	NA	NA	0.69J	ND<0.61	**320**	6.6	**58**	**51**	ND<0.59	
	6/5/06	**130**	ND<480	NA	0.77J,B	ND<0.31	**240**	**21**	**55**	**43**	ND<0.29	Methylene chloride (4.7J,B)
	9/14/06	ND<48	NA	NA	0.73J	ND<0.26	**240**	**21**	**35**	**36**	ND<0.23	Acetone (7.3B)
	12/21/06	ND<48	NA	NA	0.61J	ND<0.51	**160**	**12**	**27**	**23**	ND<0.45	Acetone (17J)

Table 3
Summary of Detected Chemical Concentrations in Groundwater (ug/L)
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California

WELL I.D.	DATE SAMPLED	EPA 8015M		EPA 8270C(M)	EPA 8260B							
		TVPH	TEPH	1,4-Dioxane	CF	1,1-DCE	c-DCE	t-DCE	PCE	TCE	MTBE	OTHER VOCs
MW-16A	6/5/06	**1500**	**3300**	<0.4	0.46J,B	2.1	**3200**	**72**	**65**	**620**	ND<0.29	sec-Butylbenzene (2.8) tert-Butylbenzene (1.4) Isopropylbenzene (0.43) Methylene chloride (4.6J,B) Vinyl chloride (**0.87**)
	9/15/06	ND<48	ND<480	<0.4	0.38J	ND<0.26	**26**	0.84J	**13**	**31**	ND<0.23	
	12/28/06	**1100**	**540**	NA	ND<2.9	ND<2.6	**1100**	**26**	**98**	**200**	ND<2.3	Toluene (2.9J,B)
MW-16B	6/5/06	ND<48	ND<480	<0.4	1.0J,B	ND<0.31	4	0.31J	**19**	**7**	ND<0.29	Acetone (9.1J) Bromoform (3.1) 2-Butanone (5.7J) Dibromochloromethane (0.86J) Methylene chloride (**5.4J,B**)
	9/15/06	**1100**	**1400**	<0.4	0.85J	1.7	**2500**	**64**	**120**	**400**	ND<0.23	sec-Butylbenzene (1.5) tert-Butylbenzene (1.0J) Isopropylbenzene (0.24J) Vinyl chloride (**0.81**)
	12/28/2006	ND<48	ND<480	NA	0.75 J	ND<2.6	4.6	ND<0.83	**7.9**	4.2	ND<0.23	Acetone (8.7J) Ethanol (72J) Toluene (0.25J,B)
MW-16C	6/5/06	**50**	ND<480	<0.4	ND<0.22	ND<0.31	**41**	1.4	**26**	**54**	ND<0.29	Acetone (8.5J,B) Bromoform (1.4) Dibromochloromethane (0.74J)
	9/15/2006	ND<48	**580**	<0.4	1.0	ND<0.26	5.1	ND<0.83	**18**	**5.9**	ND<0.23	
	12/28/2006	ND<48	ND<480	NA	ND<0.29	ND<0.26	**11**	ND<0.83	**6.6**	**16**	ND<0.23	Ethanol (93J)
K-1	7/21/98	**138**	NA	NA	NA	ND<10	**81**	**13**	**187**	**132**	ND<20	1,1,2,2-PCA (**20**)
	11/30/99	**260**	NA	NA	NA	ND<10	**118**	**16**	**55**	**71**	ND<10	Methylene chloride (**29.4**)
	3/15/00	ND<100	NA	NA	NA	ND<12	**1,200**	**88**	**110**	**310**	ND<12	
	6/29/00	ND<100	NA	NA	NA	ND<25	**1,800**	**180**	**96**	**290**	ND<25	
	9/20/00	**260**	NA	NA	NA	ND<5.0	**270**	**31**	**59**	**100**	ND<5.0	
	12/4/00	ND<100	NA	NA	NA	ND<1.0	**78.0**	**10**	**24**	**42**	ND<1.0	
	3/26/01	**460**	NA	NA	NA	ND<25	**3,400**	**280**	**93**	**440**	ND<50	
	5/17/01	**350**	NA	NA	ND<25	ND<25	**1,400**	**180**	**65**	**250**	ND<50	
	8/21/01	**200**	NA	NA	ND<1.3	ND<1.3	**320**	**34**	**44**	**110**	ND<2.5	
	12/17/01	**240**	NA	NA	ND<25	ND<25	**270**	ND<25	ND<25	**69**	ND<50	
	2/28/02	**190**	NA	NA	ND<2.5	ND<2.5	**350**	**17**	**52**	**110**	ND<5.0	
	6/4/02	**330**	NA	NA	ND<2.5	ND<2.5	**280**	8.8	**28**	**60**	ND<5.0	
	8/13/02	**250**	NA	NA	ND<2.5	ND<2.5	**350**	6.4	**28**	**53**	ND<5.0	
	11/12/02	**350**	NA	NA	ND<2.5	ND<2.5	**250**	9.0	**13**	**52**	ND<5.0	
	3/11/03	**170**	NA	NA	ND<2.5	ND<2.5	**830**	**25**	**34**	**100**	ND<5.0	
	5/20/03	**440**	NA	NA	ND<10	ND<10	**2,300**	**82**	**24**	**68**	ND<20	
	8/26/03	**350**	NA	NA	ND<10	ND<10	**1,300**	**66**	**29**	**68**	ND<20	
	11/18/03	**200**	NA	NA	ND<5.0	ND<10	**760**	**40**	**33**	**68**	ND<20	
	3/23/04	**320**	NA	NA	ND<5.0	ND<5.0	**1,200**	**50**	**12**	**39**	ND<10	
	5/18/04	**450**	NA	NA	ND<5.0	ND<5.0	**1,800**	**100**	**24**	**55**	ND<10	
	8/17/04	**200**	NA	NA	1.0	ND<2.0	**340**	**20**	**24**	**41**	ND<2.0	
	11/16/04	**290**	NA	NA	ND<5.0	ND<10	**900**	**40**	**20**	**36**	ND<10	
	3/16/05	**72**	NA	NA	1.3	ND<1.0	**120**	5.0	**78**	**96**	ND<1.0	
	6/14/05	**180**	NA	NA	ND<0.5	ND<1.0	**190**	**11**	**14**	**30**	ND<1.0	
	8/25/05	**180**	NA	NA	ND<0.5	ND<1.0	**170**	8.1	**18**	**28**	ND<1.0	
	12/21/05	ND<50	NA	NA	ND<0.22	ND<0.31	**28**	1.5	**7.6**	**11**	ND<0.29	1,3,5-Trimethylbenzene (0.22J) o-Xylene (0.25J)
	5/31/06	ND<48	ND<480	NA	0.65J,B	ND<0.31	3.5	ND<0.29	4.6	4.0	ND<0.29	Methylene chloride (**13B**) p/m-Xylene (0.45J) o-Xylene (0.31J) Toluene (0.40J)
	9/15/2006	**580**	**3800**	NA	0.47J	ND<0.26	**87**	3.2	**17**	**20**	ND<0.23	tert-Butylbenzene (0.44J) Vinyl chloride (**0.54**)
	12/22/2006	**310**	**4200**	NA	0.37J	ND<0.26	**91**	3.3	**18**	**23**	ND<0.23	Acetone (7.4J) tert-Butylbenzene (0.33J) Vinyl Chloride (**0.53**)

Table 3
Summary of Detected Chemical Concentrations in Groundwater (ug/L)
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California

WELL	DATE	EPA 8015M		EPA 8270C(M)	EPA 8260B							
I.D.	SAMPLED	TVPH	TEPH	1,4-Dioxane	CF	1,1-DCE	c-DCE	t-DCE	PCE	TCE	MTBE	OTHER VOCs
K-2	7/21/98	ND<100	NA	NA	NA	ND<1.0	1.3	ND<1.0	**9.9**	**5.2**	ND<2.0	
	11/30/99	ND<100	NA	NA	NA	ND<2.0	**19**	3.91	**27.2**	**26.4**	ND<2.0	
	3/15/00	ND<100	NA	NA	NA	ND<1.0	**32**	4.40	**24**	**30**	ND<1.0	
	6/29/00	ND<100	NA	NA	NA	ND<1.0	**75**	**15**	**18**	**76**	ND<1.0	
	9/20/00	ND<100	NA	NA	NA	ND<1.0	**13**	2.7	**17**	**18**	ND<1.0	
	12/4/00	ND<100	NA	NA	NA	ND<1.0	**11**	1.6	**13**	**13**	ND<1.0	
	3/26/01	**99**	NA	NA	NA	ND<0.5	**11**	1.1	**8.3**	**9.2**	ND<1.0	
	5/17/01	ND<50	NA	NA	0.7	ND<0.5	**33**	7.2	**10**	**21**	ND<1.0	
	8/21/01	ND<50	NA	NA	ND<0.5	ND<0.5	**140**	**45**	**10**	**110**	ND<1.0	
	12/17/01	ND<50	NA	NA	0.82	ND<0.5	**26**	3.7	**17**	**24**	ND<1.0	
	2/28/02	ND<50	NA	NA	0.99	ND<0.5	**22**	2.1	**18**	**23**	ND<1.0	
	6/4/02	ND<50	NA	NA	ND<0.5	ND<0.5	**17**	1.5	**13**	**19**	ND<1.0	
	8/13/02	ND<50	NA	NA	0.88	ND<0.5	**21**	2.0	**14**	**18**	ND<1.0	
	11/12/02	ND<50	NA	NA	1.2	ND<0.5	**19**	2.3	**14**	**19**	ND<1.0	
	3/11/03	ND<50	NA	NA	1.0	ND<0.5	**30**	2.3	**15**	**20**	ND<1.0	
	5/20/03	ND<50	NA	NA	1.0	ND<0.5	**57**	3.6	**7.4**	**14**	ND<1.0	
	8/26/03	ND<50	NA	NA	1.2	ND<0.5	**36**	3.2	**9.9**	**13**	ND<1.0	
	11/18/03	ND<50	NA	NA	1.1	ND<0.5	**14**	1.3	ND<0.5	**11**	ND<1.0	
	3/23/04	**53**	NA	NA	0.59	ND<0.5	**88**	4.7	**13**	**22**	ND<1.0	
	5/18/04	**61**	NA	NA	0.73	ND<0.5	**100**	5.1	**11**	**18**	ND<1.0	
	8/17/04	ND<50	NA	NA	0.95	ND<1.0	**11**	1.5	**12**	**11**	ND<1.0	
	11/16/04	ND<50	NA	NA	1.5	ND<1.0	**12**	1.7	**16**	**14**	ND<1.0	
	3/15/05	ND<50	NA	NA	1.3	ND<1.0	0.84	ND<0.5	2.1	1.2	ND<1.0	
	6/13/05	ND<50	NA	NA	0.69	ND<1.0	**7.6**	1.1	3.6	4.1	ND<1.0	
	6/13/05	ND<50	NA	NA	0.99	ND<1.0	1.8	ND<0.5	3.5	1.5	ND<1.0	
	12/21/05	ND<50	NA	NA	ND<0.22	ND<0.31	3.0	ND<0.29	3.4	2.8	ND<0.29	1,3,5-Trimethylbenzene (0.36J) p/m-Xylene (0.63J) o-Xylene (0.39J)
	5/31/06	ND<48	ND<480	NA	0.66J,B	ND<0.31	**94**	2.4	**9.5**	**23**	ND<0.29	1,2,4-Trimethlbenzene (0.34J)
	9/15/06	ND<48	ND<480	NA	0.78J	ND<0.26	**9.5**	ND<0.83	**9.3**	4.7	ND<0.23	
	12/22/06	ND<48	NA	NA	0.63J	ND<0.26	**9.0**	0.97J	**14**	**13**	ND<0.23	Acetone (7.5J)
K-3	7/21/98	**550**	NA	NA	NA	ND<20	**325**	**32**	**375**	**364**	ND<40	1,1,2,2-PCA (**35**)
	11/30/99	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	3/15/00	ND<100	NA	NA	NA	ND<25	**1,400**	**160**	**62**	**160**	ND<25	
	6/29/00 [1]	ND<100	NA	NA	NA	ND<50	**3,300**	**330**	ND<50	ND<50	ND<50	
	9/20/00	**6,000**	NA	NA	NA	ND<12	**1,000**	**110**	**15**	**66**	ND<12	
	12/4/00	ND<100	NA	NA	NA	ND<25	**760**	**140**	ND<25	**28**	ND<25	
	3/26/01	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	5/17/01	**730**	NA	NA	ND<10	ND<10	**2,000**	**140**	**43**	**77**	ND<20	
	8/21/01	**1,400**	NA	NA	ND<25	ND<25	**960**	ND<25	ND<25	ND<25	ND<50	
	12/18/01	**1,500**	NA	NA	ND<10	ND<10	**480**	**34**	**28**	**66**	ND<20	
	2/28/02	**5,100**	NA	NA	ND<5.0	ND<5.0	**630**	**28**	**99**	**27**	ND<10	Vinyl Chloride (**21**)
	6/4/02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	8/13/02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	11/12/02	**58,000**	NA	NA	ND<10	ND<10	**160**	**14**	ND<10	**100**	ND<10	
	3/11/03	**830**	NA	NA	ND<2.5	ND<2.5	**500**	**18**	**36**	**84**	ND<5.0	Vinyl Chloride (**32**)
	5/20/03	**690**	NA	NA	ND<1.0	ND<1.0	**240**	**6**	**8**	**15**	ND<5.0	
	8/26/03	**NA**	NA	NA	NA	NA	**NA**	**NA**	**NA**	**NA**	NA	
	11/18/03	**430**	NA	NA	ND<5.0	ND<5.0	**390**	**14**	**54**	**90**	ND<10	
	3/23/04	**570**	NA	NA	ND<2.5	ND<2.5	**470**	**19**	**60**	**83**	ND<5.0	Vinyl Chloride (**53**)
	5/18/04	**580**	NA	NA	1.3	ND<1.0	**370**	**17**	**62**	**85**	ND<2.0	Vinyl Chloride (**26**)
	8/17/04	**1,300**	NA	NA	1.2	ND<1.0	**190**	**11**	**64**	**92**	ND<2.0	Vinyl Chloride (**14**)
	11/16/04	**450**	NA	NA	1.4	ND<2.0	**180**	**14**	**71**	**120**	ND<2.0	Vinyl Chloride (**24**)
	3/16/05	**420**	NA	NA	ND<2.5	ND<5.0	**370**	**17**	**22**	**54**	ND<5.0	
	6/14/05	**900**	NA	NA	ND<2.5	ND<5.0	**160**	**12**	**22**	**71**	ND<5.0	Vinyl Chloride (**9.1**)
	8/25/05	**860**	NA	NA	ND<2.5	ND<5.0	**140**	7.8	**61**	**78**	ND<5.0	Vinyl Chloride (**17**)
	12/22/05	--	--	--	--	--	--	--	--	--	--	
	5/31/06	--	--	--	--	--	--	--	--	--	--	
	9/15/06	--	--	--	--	--	--	--	--	--	--	
	12/22/06	--	--	--	--	--	--	--	--	--	--	

Table 3
Summary of Detected Chemical Concentrations in Groundwater (ug/L)
Former Welch's Uniform Site
EPA 8015M 3505 Pasadena Avenue **EPA 8260B**
Los Angeles, California

ABBREVIATIONS / LEGEND:

AL: California EPA Action Level based on toxicity to humaNA
B: Potential bias error, analyte detected in quality control blank
EPA: Environmental Protection Agency
J: Estimated value
µg/L: Micrograms per liter
MCL: California EPA Maximum Contaminant Level for drinking water
NA: Not Analyzed
ND: Non-detect at or below method detection limit for samples
PRG: Screening level for direct contact (tap water) EPA Region IX Preliminary Remediation Goals (October 2004)
VOCs: Volatile organic compounds
BOLD Indicates concentrations at or above listed water quality goals
-- Not sampled because well lost, destroyed, or abandoned
Sampling prior to 12/21/05 done by Cape Environmental.

1,1-DCE: 1,1-dichloroethene
cis-DCE: cis-1,2-dichloroethene
trans-DCE: trans-1,2-dichloroethene
MTBE: Methyl tertiary butyl ether
1,1,1,2-PCA: 1,1,1,2-tetrachloroethane
1,1,2,2-PCA: 1,1,2,2-tetrachloroethane
PCE: Tetrachloroethene
TCE: Trichloroethene
TEPH: Total extractable petroleum hydrocarbons expressed as diesel
TVPH: Total volatile petroleum hydrocarbons expressed as gasoline

[1]: A Compilation of Water Quality Goals (August 2003 and updates), CalEPA RWQCB - Central Valley Region (CRWQCBCV 2003)
[2]: California Office of Environmental Health Hazard Assessment Public Health Goal
[3]: Well K-3 not purged on 6/29/00 due to low walter level.

WATER QUALITY GOALS FOR OTHER VOCs

Acetone = 5,550 (PRG)
trans-1,3-Dichloropropene = 0.5 (MCL)
Methylene chloride =5 (MCL)
Naphthalene = 17 (AL)
1,2,4-Trichlorobenzene = 5 (MCL)
1,3,5-Trimethylbenzene = (none)
Vinyl Chloride = 0.5 (MCL)

Table 4
Summary of Historic VOC Analytical Data from March 1989 to August 1991
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California

WELL NO.	DATE SAMPLED	TPHg mg/L	TPHd mg/L	TPHwo mg/L	B mg/L	T mg/L	E mg/L	X mg/L	PCE mg/L	TCE mg/L
MW-1	3/2/89	< 0.2	2	1	< 0.0005	< 0.0005	< 0.0005	< 0.002	2.6	0.17
	7/16/91	NA	NA	NA	< 0.0005	< 0.0005	< 0.0005	< 0.002	2.2	0.17
	8/6/91	NA	3.7	4.6	NA	NA	NA	NA	NA	NA
Abandoned	3/26/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-2	3/2/89	< 0.1	< 0.3	< 0.5	< 0.0005	< 0.0005	< 0.0005	< 0.002	0.024	0.016
	7/16/91	NA	NA	NA	< 0.0005	< 0.0005	< 0.0005	< 0.002	0.0007	< 0.0005
	8/6/91	NA	< 0.3	< 0.3	NA	NA	NA	NA	NA	NA
MW-3	3/2/89	< 1,000	1,100	200	< 0.0005	< 0.0005	< 0.0005	< 0.002	10	0.55
	8/6/91	NA	2.4	2.6	< 0.0005	< 0.0005	< 0.0005	< 0.002	0.032	< 0.0005
MW-4	3/2/89	< 400	440	20	0.003	0.001	< 0.0005	< 0.002	14	13
	7/16/91	NA	NA	NA	< 0.0005	< 0.0005	< 0.0005	< 0.002	< 0.050	< 0.050
	8/6/91	NA	1.4	1.5	NA	NA	NA	NA	NA	NA
MW-5	3/2/89	< 4	4.2	2	< 0.0005	0.003	< 0.0005	< 0.002	NA	NA
	4/5/89	NA	NA	NA	NA	NA	NA	NA	0.0074	0.0012
Abandoned	3/26/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-6	3/2/89	< 3	2.8	0.6	< 0.0005	0.005	0.002	0.007	1.7	0.15
Abandoned	3/26/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-7	3/2/89	< 0.9	0.9	< 0.5	< 0.0005	< 0.0005	< 0.0005	< 0.002	NA	NA
	4/5/89	NA	NA	NA	NA	NA	NA	NA	0.210	0.060
	7/16/91	NA	NA	NA	< 0.0005	< 0.0005	0.0019	< 0.002	0.140	0.045
	8/6/91	NA	0.6	0.7	NA	NA	NA	NA	NA	NA
MW-8	11/16/89	< 0.050	< 0.050	< 0.5	< 0.0002	< 0.0002	< 0.0002	< 0.0002	0.0013	0.0003
Abandoned	3/26/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW9-A	11/16/89	< 1	< 1	< 10	NA	NA	NA	NA	NA	NA
	11/16/89	0.220	< 0.050	< 0.5	< 0.001	< 0.001	< 0.001	< 0.001	0.190	0.120
	7/16/91	< 0.1	NA	NA	< 0.0005	< 0.0005	< 0.0005	< 0.002	0.082	0.054
	8/6/91	NA	< 0.3	1.0	NA	NA	NA	NA	NA	NA
MW9B	11/16/89	< 1	< 1	< 10	< 0.001	< 0.001	< 0.001	< 0.001	0.490	0.0063
	7/16/91	< 0.1	NA	NA	< 0.0005	< 0.0005	< 0.0005	< 0.002	0.220	< 0.005
	8/6/91	NA	0.3	1.6	NA	NA	NA	NA	NA	NA
MW10A	11/16/89	< 1	< 1	< 10	< 0.001	< 0.001	< 0.001	< 0.001	0.530	0.210
	7/16/91	< 0.1	NA	NA	< 0.0005	< 0.0005	< 0.0005	< 0.002	0.440	0.180
	8/6/91	NA	< 0.3	2.6	NA	NA	NA	NA	NA	NA
MW10B	11/16/89	< 1	< 1	< 10	< 0.001	< 0.001	< 0.001	< 0.001	0.093	0.030
	7/16/91	< 0.1	NA	NA	< 0.0005	< 0.0005	< 0.0005	< 0.002	0.120	0.060
	8/6/91	NA	< 0.3	1.6	NA	NA	NA	NA	NA	NA
K1	3/2/89	< 0.1	28	3	< 0.0005	< 0.0005	< 0.0005	< 0.002	0.047	0.018
	4/5/89	14,000	4,200	NA	0.004	0.006	0.067	0.15	NA	NA
	7/16/91	< 0.1	NA	NA	< 0.0005	< 0.0005	< 0.0005	< 0.002	0.062	0.005
	8/6/91	NA	2.9	2.0	NA	NA	NA	NA	NA	NA
K2	3/2/89	< 700	700	< 50	< 0.0005	< 0.0005	< 0.0005	< 0.002	0.022	0.007
	7/16/91	< 0.1	NA	NA	< 0.0005	< 0.0005	< 0.0005	< 0.002	0.0012	NA
	8/6/91	NA	9.2	14	NA	NA	NA	NA	NA	NA

NOTES:

mg/L: milligrams per liter
NA: Not analyzed
TRPH: Total Recoverable Petroleum Hydrocarbons
TPHg: Total Petroleum Hydrocarbons as Gasoline
TPHd: Total Petroleum Hydrocarbons as Diesel Fuel
TPHwo: Total Petroleum Hydrocarbons as Waste Oil or Motor Oil

B: Benzene
T: Toluene
E: Ethyl benzene
X: Total Xylenes
PCE: Tetrachloroethene
TCE: Trichloroethene

Table 5
Summary of Natural Attenuation Parameter Analytical Data
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California

Date	Daughter to Parent Ratio	Nitrate[1] (mg/L)	Nitrite[2] (mg/L)	Sulfate (mg/L)	Ferrous Iron (mg/L)	Methane (mg/L)	ORP[3] (mV)	DO[3] (mg/L)
MW-2								
December 21, 2005	0.56	12	ND<0.015	290	ND<0.10	1.42	157	4.9
May 31, 2006	NA	NS	NS	NS	NS	NS	104	1.37
September 14, 2006	0.86	11	ND<0.015	290	ND<0.10	ND<0.00784	139	3.95
December 22, 2006	0.48	NS	NS	NS	NS	NS	104	6.64
MW-3								
December 21, 2005	0.23	9.8	ND<0.015	260	ND<0.10	0.06	152	5.5
May 31, 2006	0.20	11	ND<0.015	290	ND<0.10	0.09	-146	1.28
September 14, 2006	0.41	9.5	ND<0.015	300	ND<0.10	0.0500J	138	3.95
December 28, 2006	0.69	9.3	ND<0.015	310	ND<0.10	0.07	NR	NR
MW-7								
December 22, 2005	2.34	7.5	ND<0.015	330	ND<0.10	0.29	-35	4.1
May 31, 2006	NA	NS	NS	NS	NS	NS	21	0.91
September 15, 2006	NA	NS	NS	NS	NS	NS	37	2.91
December 22, 2006	3.36	NS	NS	NS	NS	NS	-16	5.80
MW-8A								
December 21, 2005	1.10	10	ND<0.015	280	ND<0.10	1.66	193	5.1
June 5, 2006	NA	NS	NS	NS	NS	NS	123	4.01
September 14, 2006	NA	NS	NS	NS	NS	NS	137	3.33
December 21, 2006	1.22	9.50	ND<0.015	320	ND<0.041	0.15	198	6.75
MW-9A								
December 22, 2005	2.84	7.6	0.064J	290	0.67	1470	-259	0.5
May 31, 2006	NA	NS	NS	NS	NS	NS	-300	0
September 15, 2006	NA	NS	NS	NS	NS	NS	200	0
December 22, 2006	6.44	NS	NS	NS	NS	NS	NR	NR
MW-9B								
December 22, 2005	0.00	0.096J	ND<0.015	310	ND<0.10	2100	-19	2.2
May 31, 2006	NA	NS	NS	NS	NS	NS	42	0.39
September 15, 2006	NA	NS	NS	NS	NS	NS	114	1.22
December 22, 2006	0.00	NS	NS	NS	NS	NS	NR	NR
MW-10A								
December 22, 2005	14.97	2.1	0.072J	270	3.8	195	-328	0.2
May 31, 2006	21.77	1.7	0.11	270	0.61	88.4	-318	0
September 15, 2006	1.73	1.7	0.019J	240	0.32	132	-343	0
December 22, 2006	16.24	1.7	ND<0.015	260	ND<0.10	90.1	NR	NR
MW-10B								
December 22, 2005	4.56	0.82	ND<0.015	200	ND<0.10	0.78	-255	2.5
May 31, 2006	3.28	0.91	ND<0.015	210	ND<0.10	1.84	-277	0
September 15, 2006	2.12	0.88	ND<0.015	210	ND<0.10	0.390J	-250	0.21
December 22, 2006	2.49	0.86	ND<0.015	210	ND<0.10	0.06	NR	NR
MW-12			.					
December 21, 2005	3.06	8.7	ND<0.015	260	0.20	1.76	69	4.5
May 31, 2006	NA	NS	NS	NS	NS	NS	-212	1.6

Table 5
Summary of Natural Attenuation Parameter Analytical Data
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California

MW-13A								
December 21, 2005	2.54	7.2	ND<0.015	310	ND<0.10	2.57	181	1.3
June 5, 2006	4.79	6.9	ND<0.015	280	ND<0.10	0.130	125	0.22
September 14, 2006	3.74	6.8	ND<0.015	280	ND<0.10	0.160J	NS	5.54
December 21, 2006	2.18	7.0	ND<0.015	290	0.05	0.17	-242	4.18
MW-13B								
December 21, 2005	2.14	6.3	ND<0.015	170	ND<0.10	1.59	154	3.4
June 5, 2006	1.19	4	ND<0.015	59	ND<0.10	0.110	113	0.47
September 14, 2006	1.61	4.1	ND<0.15	73	ND<0.10	0.140J	NS	5.66
December 21, 2006	2.01	4.9	ND<0.015	110	ND<0.041	0.02	-85	3.96
MW-14								
December 21, 2005	2.43	7.4	ND<0.015	300	ND<0.10	1.13	181	4.4
June 5, 2006	NA	NS	NS	NS	NS	NS	132	0.62
September 14, 2006	4.16	NS	NS	NS	NS	NS	NS	6.33
December 21, 2006	3.15	NS	NS	NS	NS	NS	33	5.65
MW-15								
December 21, 2005	6.52	5.0	ND<0.015	260	ND<0.10	1.68	206	2.1
June 5, 2006	5.54	5.3	ND<0.015	230	ND<0.10	0.16	152	0.34
September 14, 2006	8.51	4.7	ND<0.015	240	ND<0.10	0.130J	NS	5.81
December 21, 2006	7.24	5.4	ND<0.015	270	ND<0.041	0.15	11	3.84
MW-16A								
June 5, 2006	59.9	1.9	ND<0.015	240	ND<0.10	1.23	52	7.71
September 15, 2006	4.5	1.2	0.095J	400	ND<0.10	9.85	-78	0
December 28, 2006	13.53	ND<0.028	ND<0.015	240	ND<0.10	0.36	NR	NR
MW-16B								
June 5, 2006	0.6	8.3	ND<0.015	240	ND<0.10	0.340	132	1.2
September 15, 2006	24.7	3.8	ND<0.015	260	1.8	0.360J	-20	0.59
December 28, 2006	1.21	7.9	ND<0.015	260	ND<0.10	0.02	NR	NR
MW-16C								
June 5, 2006	3.7	1.6	0.33	330	ND<0.10	11.9	60	0
September 15, 2006	0.4	8.0	ND<0.015	250	ND<0.10	0.160J	12	2.95
December 28, 2006	4.09	1.1	ND<0.015	420	ND<0.10	0.05	NR	NR
K-1								
December 21, 2005	5.33	9.9	ND<0.015	280	ND<0.10	0.46	81	6.2
May 31, 2006	NA	NS	NS	NS	NS	NS	-36	2.03
September 15, 2006	NA	NS	NS	NS	NS	NS	119	5.33
December 22, 2007	6.54	NS	NS	NS	NS	NS	21	8.90
K-2								
December 21, 2005	1.71	9.8	ND<0.015	300	ND<0.10	0.44	148	6.4
May 31, 2006	NA	NS	NS	NS	NS	NS	125	6.08
September 15, 2006	NA	NS	NS	NS	NS	NS	130	4.95
December 22, 2007	1.69	NS	NS	NS	NS	NS	73	9.09

Notes:
DO = Dissolved oxygen
mg/L = milligrams per liter
ORP = Oxidation-reduction potential in millivolts
NA = Not applicable, insufficient analytical
ND = Not detected at or above method detection limit
NS = Not sampled
NR = No Purge Record
Daughter to Parent Ratio = (CF+VC+cisDCE+transDCE+TCE)/(PCE)
1. Nitrate, reported as nitrogen
2. Nitrite, reported as nitrogen
3. ORP and DO were measured using in-well field instrumentation after purging wells

APPENDIX A

GROUNDWATER SAMPLE COLLECTION RECORDS

4th Quarter 2006 Groundwater Monitoring Report

Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California

ENSR | AECOM

HYDRODATA

DATE 12/21/06 - 12/22/06

PROJECT AmeriPride **EVENT** 4th Qtr 06 GW Monitoring **SAMPLER** D. Arden

	Well or Location	DATE			TIME		MEASUREMENT	CODE	COMMENTS
		MO	DA	YR	HR	MIN			
1	MW-2	12	22	06			37.78 / 66.83	SWL/MTD	
2	MW-3	12	22	06			35.74 / 69.83	SWL/MTD	DUP-2
3	MW-7	12	22	06			34.67 / 67.41	SWL/MTD	
4	MW-8A	12	21	06	09	20	23.35 / 64.40	SWL/MTD	
5	MW-9A	12	22	06			35.40	SWL	
6	MW-9B	12	22	06			35.10	SWL	
7	MW-10A	12	22	06			38.58	SWL	
8	MW-10B	12	22	06			37.30	SWL	
9	MW-13A	12	21	06	10	30	40.10 / 61.95	SWL/MTD	
10	MW-13B	12	21	06	10	35	41.11 / 91.45	SWL/MTD	DUP-1
11	MW-14	12	21	06	12	20	37.65 / 72.15	SWL/MTD	
12	MW-15	12	21	06	12	25	38.19 / 54.75	SWL/MTD	
13	MW-16A	12	22	06			35.15 / 45.50	SWL/MTD	
14	MW-16B	12	22	06			35.80 / 72.15	SWL/MTD	
15	MW-16C	12	22	06			34.43 / 89.10	SWL/MTD	
16	K-1	12	22	06			35.45 / 53.30	SWL/MTD	
17	K-2	12	22	06			34.80 / 53.30	SWL/MTD	
18									
19									
20									
21									
22									
23									
24									
25									

CODES:
SWL - Static Water Level (Feet)
IWL - Instant Water Level; Non-Static (Feet)
OIL - Oil Level (Feet)
OWI - Oil/Water Interface (Feet)
MTD - Measured Total Depth (Feet)
FLO - Flow Rate (Gallons/Minute)
CUM - Cumulative (Gallons)
HRS - Total Hours
PSI - Pressure (psi²)
pH - 1 to 14
Ec - Conductivity (µmHOS)
TMP - Temperature (Celsius)
TRB - Turbidity (NTU)
____ - _____ (Additional Code)

Intervals are depth from inner casing - describe any other reference points in comments column; when in doubt, describe reference point.
Note in comments column if well is not : properly labeled, latched or able to be locked. Describe corrective action.
² Negative pressure (Vaccuum) psi = approximately (1/2 mmHg)

ENSR | AECOM
999 W. Town and Country Rd., 4th Floor
Orange, CA 92868
Phone (714) 973-9740
Fax (714) 973-9750

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET-PURGING

DATE: December 22, 2006

SITE ADDRESS: 3505 Pasadena Ave., Los Angeles, CA

WELL ID: MW-2

SAMPLE ID: MW-2

SAMPLE ORDER: [redacted]

WATER COLUMN (FT): 29.05

BORE / CASING VOLUME (V) (GAL.): 18.88

WELL HEAD CONDITION:

ENSR PROJECT NO: 10770-003-002

WATER LEVEL (PRE-PURGE): 37.78

WATER LEVEL (@ SAMPLE): —

DUPLICATE ID: —

TOTAL DEPTH: 66.83

CASING DIA. (IN.): 4"

3 V (GAL): 56.64

FACILITY ID NO: AmeriPride

TYPE OF PURGING DEVICE: Vac Truck

DEPTH OF EXTRACTION/PUMP AT PURGE: —

SAMPLING DEVICE: Disposable Bailer

DATE AND TIME OF INITIAL GAUGING: 12/22/06

DATE AND TIME OF SAMPLING: 12/22/06 0920

SAMPLERS NAME (Print) Dan Arden

SAMPLER'S SIGNATURE:

Date	Time	Water Level (ft btoc)	Temperature	EC (µmhos/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Well Volumes Purged	Borehole Volumes Purged
12/22/06	0840	—	20.5	0.154	7.93	0	6.86	121	—	0		—
↓	0850	—	21.0	0.154	7.85	0	6.77	108	—			—
	0855	—	21.0	0.154	7.86	0	6.76	107	—			—
	0900	—	21.1	0.155	7.88	0	6.64	105	—	40		—
	0905	—	21.1	0.155	6.57	0	6.64	104	—			—

Well Volume Calculation Table

Casing Diameter (in)	Volume Multiplier
2"	0.16
4"	0.65
6"	1.47
8"	2.61
10"	4.08
12"	5.87

Borehole Volume Calculation Table

Casing Diameter (in)	Borehole Diameter	Volume Multiplier
2"	8"	0.77
2"	10"	1.14
4"	8"	1.10
4"	10"	1.50
4"	12"	1.95
6"	10"	2.11
6"	12"	2.50

Parameters for water quality stabilization

Temperature ± 1° C	Conductance ± 3%
pH ± 0.1	Turbidity ± 10% NTUs

QA/QC REVIEW (Initials)

1st level: Staff Geologist/Engineer

2nd level: Project Manager

3rd level: Senior Geologist/Engineer

NOTES:

ENSR | AECOM
999 W. Town and Country Rd., 4th Floor
Orange, CA 92868
Phone (714) 973-9740
Fax (714) 973-9750

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET-PURGING

DATE: December 22, 2006

SITE ADDRESS: 3505 Pasadena Ave., Los Angeles, CA

WELL ID: MW-7

SAMPLE ID: MW-7

SAMPLE ORDER: 2

WATER COLUMN (FT): 32.74

BORE / CASING VOLUME (V) (GAL.): 21.28

WELL HEAD CONDITION:

ENSR PROJECT NO: 10770-003-002

WATER LEVEL (PRE-PURGE): 34.67

WATER LEVEL (@ SAMPLE): —

DUPLICATE ID: —

TOTAL DEPTH: 67.41

CASING DIA. (IN.):

3 V (GAL): 63

FACILITY ID NO: AmeriPride

TYPE OF PURGING DEVICE: Vac Truck

DEPTH OF EXTRACTION/PUMP AT PURGE: —

SAMPLING DEVICE: Disposable Bailer

DATE AND TIME OF INITIAL GAUGING: 12/22/06

DATE AND TIME OF SAMPLING: 12/22/06 1015

SAMPLERS NAME (Print) Dan Haden

SAMPLER'S SIGNATURE:

Date	Time	Water Level (ft btoc)	Temperature	EC (µmhos/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Well Volumes Purged	Borehole Volumes Purged
12/22/06	0930	—	~~5.53~~ 216	0.157	7.94	~~5.61~~ 0	5.58	4	—			—
	0935	—	21.7	0.158	7.88	0	5.76	-17	—			—
	0945	—	21.7	0.159	7.89	0	5.80	-20		30		—
	0950	—	21.7	0.159	7.88	0	5.79	-19	—	45		—
↓	1000	—	21.7	0.159	7.88	0	5.80	-14	—	60		—

Well Volume Calculation Table

Casing Diameter (in)	Volume Multiplier
2"	0.16
4"	0.65
6"	1.47
8"	2.61
10"	4.08
12"	5.87

Borehole Volume Calculation Table

Casing Diameter (in)	Borehole Diameter	Volume Multiplier
2"	8"	0.77
2"	10"	1.14
4"	8"	1.10
4"	10"	1.50
4"	12"	1.95
6"	10"	2.11
6"	12"	2.50

Parameters for water quality stabilization

Temperature ± 1° C	Conductance ± 3%
pH ± 0.1	Turbidity ± 10% NTUs

QA/QC REVIEW (Initials)

1st level: Staff Geologist/Engineer

2nd level: Project Manager

3rd level: Senior Geologist/Engineer

NOTES:

ENSR | AECOM
999 W. Town and Country Rd., 4th Floor
Orange, CA 92868
Phone (714) 973-9740
Fax (714) 973-9750

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET-PURGING

DATE: December 21, 2006

SITE ADDRESS: 3505 Pasadena Ave., Los Angeles, CA

WELL ID: MW-8A

SAMPLE ID: MW-8A

SAMPLE ORDER: — 1

WATER COLUMN (FT): 41.65

BORE / CASING VOLUME (V) (GAL.): 26.6

WELL HEAD CONDITION:

ENSR PROJECT NO: 10770-003-002

WATER LEVEL (PRE-PURGE): 23.35

WATER LEVEL (@ SAMPLE): —

DUPLICATE ID: —

TOTAL DEPTH: 64.40

CASING DIA. (IN.):

3 V (GAL): 80.64

FACILITY ID NO: AmeriPride

TYPE OF PURGING DEVICE: Vac Truck

DEPTH OF EXTRACTION/PUMP AT PURGE: —

SAMPLING DEVICE: Disposable Bailer

DATE AND TIME OF INITIAL GAUGING: 12/21/06 0920

DATE AND TIME OF SAMPLING: 12/21/06 1055

SAMPLERS NAME (Print) D. Arden

SAMPLER'S SIGNATURE:

Date	Time	Water Level (ft btoc)	Temperature	EC (µmhos/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Well Volumes Purged	Borehole Volumes Purged
12/21/06	0920	—	19.9	0.159	8.76	0	6.95	186	—	0	0	—
	0930	—	20.2	0.160	8.00	0	6.91	197	—			—
	0935	—	20.3	0.160	7.83	0	6.87	198	—			—
	0940	—	20.3	0.160	7.80	0	6.77	199	—			—
	0951	—	20.4	0.161	7.81	0	6.73	198	—	70		—
↓	0953	—	20.4	0.160	7.80	0	6.75	198	—	80	3	—

Well Volume Calculation Table

Casing Diameter (in)	Volume Multiplier
2"	0.16
4"	0.65
6"	1.47
8"	2.61
10"	4.08
12"	5.87

Borehole Volume Calculation Table

Casing Diameter (in)	Borehole Diameter	Volume Multiplier
2"	8"	0.77
2"	10"	1.14
4"	8"	1.10
4"	10"	1.50
4"	12"	1.95
6"	10"	2.11
6"	12"	2.50

Parameters for water quality stabilization

Temperature ± 1° C	Conductance ± 3%
pH ± 0.1	Turbidity ± 10% NTUs

QA/QC REVIEW (Initials)

1st level: Staff Geologist/Engineer

2nd level: Project Manager

3rd level: Senior Geologist/Engineer

NOTES:

ENSR | AECOM
999 W. Town and Country Rd., 4th Floor
Orange, CA 92868
Phone (714) 973-9740
Fax (714) 973-9750

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET-PURGING

DATE: December 21, 2006

SITE ADDRESS: 3505 Pasadena Ave., Los Angeles, CA

WELL ID: MW-13A

SAMPLE ID: MW-13A

SAMPLE ORDER: 1

WATER COLUMN (FT): 21.85

BORE / CASING VOLUME (V) (GAL.): 4.20

WELL HEAD CONDITION:

ENSR PROJECT NO: 10770-003-002

WATER LEVEL (PRE-PURGE): 40.10

WATER LEVEL (@ SAMPLE): —

DUPLICATE ID: —

TOTAL DEPTH: 61.95

CASING DIA. (IN.):

3 V (GAL): 12.61

FACILITY ID NO: AmeriPride

TYPE OF PURGING DEVICE: Vac Truck

DEPTH OF EXTRACTION/PUMP AT PURGE: —

SAMPLING DEVICE: Disposable Bailer

DATE AND TIME OF INITIAL GAUGING: 12/21/06 1030

DATE AND TIME OF SAMPLING: 12/21/06 1110

SAMPLERS NAME (Print) Dan Arden

SAMPLER'S SIGNATURE:

Date	Time	Water Level (ft btoc)	Temperature	EC (µmhos/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Well Volumes Purged	Borehole Volumes Purged
12/21/06	1640	—	21.0	0.184	8.52	320	5.51	-133	—	0		—
	1045	—	20.7	0.160	7.80	210	4.27	-216	—			—
↓	1100	—	21.0	0.161	7.87	205	4.18	-242	—	45		—

Well Volume Calculation Table

Casing Diameter (in)	Volume Multiplier
2"	0.16
4"	0.65
6"	1.47
8"	2.61
10"	4.08
12"	5.87

Borehole Volume Calculation Table

Casing Diameter (in)	Borehole Diameter	Volume Multiplier
2"	8"	0.77
2"	10"	1.14
4"	8"	1.10
4"	10"	1.50
4"	12"	1.95
6"	10"	2.11
6"	12"	2.50

Parameters for water quality stabilization

Temperature ± 1° C	Conductance ± 3%
pH ± 0.1	Turbidity ± 10% NTUs

QA/QC REVIEW (Initials)

1st level: Staff Geologist/Engineer

2nd level: Project Manager

3rd level: Senior Geologist/Engineer

NOTES:

ENSR | AECOM
999 W. Town and Country Rd., 4th Floor
Orange, CA 92868
Phone (714) 973-9740
Fax (714) 973-9750

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET-PURGING

DATE: December 21 , 2006

SITE ADDRESS: 3505 Pasadena Ave., Los Angeles, CA

WELL ID: MW-13B

SAMPLE ID: MW-13B

SAMPLE ORDER: —

WATER COLUMN (FT): 50.39

BORE / CASING VOLUME (V) (GAL.): 32.72

WELL HEAD CONDITION:

ENSR PROJECT NO: 10770-003-002

WATER LEVEL (PRE-PURGE): 41.11

WATER LEVEL (@ SAMPLE): —

DUPLICATE ID: DUP-1

TOTAL DEPTH: 91.45

CASING DIA. (IN.): ~~8~~ 4"

3 V (GAL): 98.16

FACILITY ID NO: AmeriPride

TYPE OF PURGING DEVICE: Vac Truck

DEPTH OF EXTRACTION/PUMP AT PURGE: —

SAMPLING DEVICE: Disposable Bailer

DATE AND TIME OF INITIAL GAUGING: 12/21/06 1035

DATE AND TIME OF SAMPLING: 12/21/06 1200

SAMPLERS NAME (Print) Dan Arden

SAMPLER'S SIGNATURE:

Date	Time	Water Level (ft btoc)	Temperature	EC (µmhos/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Well Volumes Purged	Borehole Volumes Purged
12/21/06	1105	—	21.1	0.149	7.93	0	5.83	-199		0		
	1110	—	21.2	0.156	7.91	0	4.06	-186				
	1115	—	21.1	0.165	7.86	0	4.00	-160		25		
	1125	—	21.1	0.175	7.86	10	4.00	-139				
	1135	—	21.1	0.191	7.84	6	3.98	-117		50		
	1145	—	21.1	0.215	7.84	0	3.97	-94		70		
	1155	—	21.1	0.236	7.88	0	3.97	-88		95		
	1200	—	21.1	0.243	7.84	0	3.96	-85		100		

Well Volume Calculation Table

Casing Diameter (in)	Volume Multiplier
2"	0.16
4"	0.65
6"	1.47
8"	2.61
10"	4.08
12"	5.87

Borehole Volume Calculation Table

Casing Diameter (in)	Borehole Diameter	Volume Multiplier
2"	8"	0.77
2"	10"	1.14
4"	8"	1.10
4"	10"	1.50
4"	12"	1.95
6"	10"	2.11
6"	12"	2.50

Parameters for water quality stabilization

Temperature ± 1° C	Conductance ± 3%
pH ± 0.1	Turbidity ± 10% NTUs

QA/QC REVIEW (Initials)

1st level: Staff Geologist/Engineer

2nd level: Project Manager

3rd level: Senior Geologist/Engineer

NOTES:

ENSR | AECOM
999 W. Town and Country Rd., 4th Floor
Orange, CA 92868
Phone (714) 973-9740
Fax (714) 973-9750

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET-PURGING

DATE: December 21, 2006

SITE ADDRESS: 3505 Pasadena Ave., Los Angeles, CA

WELL ID: MW-14

SAMPLE ID: MW-14

SAMPLE ORDER: —

WATER COLUMN (FT): 34.50

BORE / CASING VOLUME (V) (GAL.): 22.43

WELL HEAD CONDITION:

ENSR PROJECT NO: 10770-003-002

WATER LEVEL (PRE-PURGE): 37.65

WATER LEVEL (@ SAMPLE): —

DUPLICATE ID: —

TOTAL DEPTH: 72.15

CASING DIA. (IN.): 4"

3 V (GAL): 67.00

FACILITY ID NO: AmeriPride

TYPE OF PURGING DEVICE: Vac Truck

DEPTH OF EXTRACTION/PUMP AT PURGE: —

SAMPLING DEVICE: Disposable Bailer

DATE AND TIME OF INITIAL GAUGING: 12/21/06 1220

DATE AND TIME OF SAMPLING: 12/21/06 1325

SAMPLERS NAME (Print) Dan Arden

SAMPLER'S SIGNATURE:

Date	Time	Water Level (ft btoc)	Temperature	EC (µmhos/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Well Volumes Purged	Borehole Volumes Purged
12/21/06	1220	—	21.1	0.150	8.10	0	5.65	13	—	0	0	—
	1230	—	21.1	0.150	7.83	200	5.35	14	—	10		—
	1240	—	21.1	0.150	7.82	959	5.51	19	—	15		—
	1250	—	21.2	0.150	7.83	680	5.65	26	—	20	1	—
	1300	—	21.2	0.150	7.84	440	5.66	29	—	30		—
	1310	—	21.1	0.151	7.84	310	5.65	32	—	35		—
↓	1320	—	21.1	0.151	7.84	309	5.65	33	—	45	2	—

Well Volume Calculation Table

Casing Diameter (in)	Volume Multiplier
2"	0.16
4"	0.65
6"	1.47
8"	2.61
10"	4.08
12"	5.87

Borehole Volume Calculation Table

Casing Diameter (in)	Borehole Diameter	Volume Multiplier
2"	8"	0.77
2"	10"	1.14
4"	8"	1.10
4"	10"	1.50
4"	12"	1.95
6"	10"	2.11
6"	12"	2.50

Parameters for water quality stabilization

Temperature ± 1° C	Conductance ± 3%
pH ± 0.1	Turbidity ± 10% NTUs

QA/QC REVIEW (Initials)

1st level: Staff Geologist/Engineer

2nd level: Project Manager

3rd level: Senior Geologist/Engineer

NOTES:

ENSR | AECOM
999 W. Town and Country Rd., 4th Floor
Orange, CA 92868
Phone (714) 973-9740
Fax (714) 973-9750

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET-PURGING

DATE: December 21, 2006

SITE ADDRESS: 3505 Pasadena Ave., Los Angeles, CA

WELL ID: MW-15

SAMPLE ID: MW-15

SAMPLE ORDER: —

WATER COLUMN (FT): 16.56

BORE / CASING VOLUME (V) (GAL.): 10.76

WELL HEAD CONDITION:

ENSR PROJECT NO: 10770-003-002

WATER LEVEL (PRE-PURGE): 38.19

WATER LEVEL (@ SAMPLE): —

DUPLICATE ID: —

TOTAL DEPTH: 54.75

CASING DIA. (IN.): 4"

3 V (GAL): 32.29

FACILITY ID NO: AmeriPride

TYPE OF PURGING DEVICE: Vac Truck

DEPTH OF EXTRACTION/PUMP AT PURGE: —

SAMPLING DEVICE: Disposable Bailer

DATE AND TIME OF INITIAL GAUGING: 12/21/06 1225

DATE AND TIME OF SAMPLING: 12/21/06 1415

SAMPLERS NAME (Print) Dan Arden

SAMPLER'S SIGNATURE:

Date	Time	Water Level (ft btoc)	Temperature	EC (µmhos/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Well Volumes Purged	Borehole Volumes Purged
12/21/06	1340	—	20.9	0.139	7.82	0	3.98	34	—	0	0	—
↓	1345	—	20.9	0.174	7.78	0	3.91	27	—			—
	1350	—	20.9	0.318	7.76	550	3.89	17	—	15		—
	1355	—	20.9	0.318	7.76	430	3.87	13	—	25		—
	1405	—	20.9	0.319	7.76	360	3.84	11	—	35	3	—

Well Volume Calculation Table

Casing Diameter (in)	Volume Multiplier
2"	0.16
4"	0.65
6"	1.47
8"	2.61
10"	4.08
12"	5.87

Borehole Volume Calculation Table

Casing Diameter (in)	Borehole Diameter	Volume Multiplier
2"	8"	0.77
2"	10"	1.14
4"	8"	1.10
4"	10"	1.50
4"	12"	1.95
6"	10"	2.11
6"	12"	2.50

Parameters for water quality stabilization

Temperature ± 1° C	Conductance ± 3%
pH ± 0.1	Turbidity ± 10% NTUs

QA/QC REVIEW (Initials)

1st level: Staff Geologist/Engineer

2nd level: Project Manager

3rd level: Senior Geologist/Engineer

NOTES:

ENSR | AECOM
999 W. Town and Country Rd., 4th Floor
Orange, CA 92868
Phone (714) 973-9740
Fax (714) 973-9750

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET-PURGING

DATE: December 22, 2006

SITE ADDRESS: 3505 Pasadena Ave., Los Angeles, CA

WELL ID: K-1

SAMPLE ID: K-1

SAMPLE ORDER: —

WATER COLUMN (FT): 17.85

BORE / CASING VOLUME (V) (GAL.): 2.85

ENSR PROJECT NO: 10770-003-002

WATER LEVEL (PRE-PURGE): 35.45

WATER LEVEL (@ SAMPLE): —

DUPLICATE ID: —

TOTAL DEPTH: 53.30

CASING DIA. (IN.): 2

3 V (GAL): 8.85

FACILITY ID NO: AmeriPride

TYPE OF PURGING DEVICE: Vac Truck

DEPTH OF EXTRACTION/PUMP AT PURGE: —

SAMPLING DEVICE: Disposable Bailer

DATE AND TIME OF INITIAL GAUGING: 12/22/06

DATE AND TIME OF SAMPLING: 12/22/06 1120

SAMPLERS NAME (Print) Dan Arden

SAMPLER'S SIGNATURE:

WELL HEAD CONDITION:

Date	Time	Water Level (ft btoc)	Temperature	EC (µmhos/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Well Volumes Purged	Borehole Volumes Purged
12/22/06	1105	~~1105~~	15.4	0.152	8.79	27	9.61	75	—	0		—
↓	1110	~~1110~~	17.0	0.148	8.81	C.	9.09	39	—	3		—
↓	1115	~~1115~~	17.9	0.135	8.75	380	8.90	21		6		—
										9		—

Well Volume Calculation Table

Casing Diameter (in)	Volume Multiplier
2"	0.16
4"	0.65
6"	1.47
8"	2.61
10"	4.08
12"	5.87

Borehole Volume Calculation Table

Casing Diameter (in)	Borehole Diameter	Volume Multiplier
2"	8"	0.77
2"	10"	1.14
4"	8"	1.10
4"	10"	1.50
4"	12"	1.95
6"	10"	2.11
6"	12"	2.50

Parameters for water quality stabilization

Temperature ± 1° C	Conductance ± 3%
pH ± 0.1	Turbidity ± 10% NTUs

QA/QC REVIEW (Initials)

1st level: Staff Geologist/Engineer

2nd level: Project Manager

3rd level: Senior Geologist/Engineer

NOTES:

ENSR | AECOM
999 W. Town and Country Rd., 4th Floor
Orange, CA 92868
Phone (714) 973-9740
Fax (714) 973-9750

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET-PURGING

DATE: December 22, 2006

SITE ADDRESS: 3505 Pasadena Ave., Los Angeles, CA

WELL ID: K-2

SAMPLE ID: K-2

SAMPLE ORDER: —

WATER COLUMN (FT): 18.50

BORE / CASING VOLUME (V) (GAL.): 12.03

WELL HEAD CONDITION:

ENSR PROJECT NO: 10770-003-002

WATER LEVEL (PRE-PURGE): 34.80

WATER LEVEL (@ SAMPLE): —

DUPLICATE ID: —

TOTAL DEPTH: 53.30

CASING DIA. (IN.):

3 V (GAL): 36

FACILITY ID NO: AmeriPride

TYPE OF PURGING DEVICE: Vac Truck

DEPTH OF EXTRACTION/PUMP AT PURGE: —

SAMPLING DEVICE: Disposable Bailer

DATE AND TIME OF INITIAL GAUGING: 12/22/06

DATE AND TIME OF SAMPLING: 12/22/06 1100

SAMPLERS NAME (Print) Dan Arden

SAMPLER'S SIGNATURE:

Date	Time	Water Level (ft btoc)	Temperature	EC (µmhos/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Well Volumes Purged	Borehole Volumes Purged
12/22/06	1035	~~1035~~	16.6	0.153	8.86	13	9.19	60	—	6 17		—
	1045	~~1045~~	16.1	0.152	8.64	0	9.27	62	—	12 24		—
↓	1050	~~1050~~	16.7	0.151	8.80	0	9.09	73	—	18 30		—

Well Volume Calculation Table

Casing Diameter (in)	Volume Multiplier
2"	0.16
4"	0.65
6"	1.47
8"	2.61
10"	4.08
12"	5.87

Borehole Volume Calculation Table

Casing Diameter (in)	Borehole Diameter	Volume Multiplier
2"	8"	0.77
2"	10"	1.14
4"	8"	1.10
4"	10"	1.50
4"	12"	1.95
6"	10"	2.11
6"	12"	2.50

2" pipe
readings above grounds

Parameters for water quality stabilization

Temperature ± 1° C	Conductance ± 3%
pH ± 0.1	Turbidity ± 10% NTUs

QA/QC REVIEW (Initials)

1st level: Staff Geologist/Engineer

2nd level: Project Manager

3rd level: Senior Geologist/Engineer

NOTES:

APPENDIX B

WASTE MANIFEST

4th Quarter 2006 Groundwater Monitoring Report

Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California

RS51292 DC12307

NO. 32072

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

	GENERATING SITE
NAME Ameripride	Ameripride
ADDRESS 3505 S. Pasadena Avenue	3505 S. Pasadena Avenue
CITY, STATE, ZIP Los Angeles, CA	Los Angeles, CA

PHONE NO. ( ) SITE CONTACT PROFILE NO. P-162818

CONTAINERS: No. 1 GALLONS ~~1305~~ 305 Gallons WEIGHT

TYPE: [X] TANK TRUCK [ ] DUMP TRUCK [ ] DRUMS [ ] CARTONS [ ] OTHER

WASTE DESCRIPTION COMPONENTS OF WASTE	PPM	%	GENERATING PROCESS COMPONENTS OF WASTE	PPM	%
1. WATER		99-100%	4.		
2. TPH		≤ 0.1%	5.		
3. VOC's		~~< 0.1%~~	6. ~~BESI # 130392~~		

PROPERTIES pH ~~7~~ [ ] SOLID [X] LIQUID [ ] SLUDGE [ ] SLURRY [ ] OTHER

HANDLING INSTRUCTIONS: WEAR APPROPRIATE PROTECTIVE CLOTHING

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

X David Tarpley TYPED OR PRINTED FULL NAME & SIGNATURE 12/21/06 DATE

TRANSPORTER

NAME NIETO AND SONS TRUCKING, INC. EPA I.D. NO.

ADDRESS 1281 BREA CANYON ROAD SERVICE ORDER NO.

CITY, STATE, ZIP BREA, CALIFORNIA 92821 PICK UP DATE 12/21/06

PHONE NO. (714) 990-6855

TRUCK, UNIT, I.D. NO. 2276

X TYPED OR PRINTED FULL NAME & SIGNATURE 12/21/06 DATE

TSD FACILITY

NAME ~~Siemens Water Technology~~ EPA I.D. NO.

ADDRESS ~~5375 S. Boyle Avenue~~ DISPOSAL METHOD

CITY, STATE, ZIP ~~Los Angeles, CA 90058~~ [ ] LANDFILL [X] RECYCLER ~~Recycler~~

PHONE NO. ~~323 277-1500~~

Marcos Mendoza 12/22/06

TYPED OR PRINTED FULL NAME & SIGNATURE DATE

GEN	CLD/NEW	L A	TONS
TRANS		S B	
C/Q		RT/CD	HWDF NONE

DISCREPANCY

manifested 305 GAL
Received 305 GAL.

RS51295 NO. 32073

NON-HAZARDOUS WASTE DATA FORM D020914

TO BE COMPLETED BY GENERATOR

GENERATING SITE

NAME Ameripride — Ameripride

ADDRESS 3505 S. Pasadena Avenue — 3505 S. Pasadena Avenue

CITY, STATE, ZIP Los Angeles, CA — Los Angeles, CA

PHONE NO. ( ) — SITE CONTACT — PROFILE NO. P-162818

CONTAINERS: No. 1 GALLONS 221 Gallons WEIGHT

TYPE: [X] TANK TRUCK [ ] DUMP TRUCK [ ] DRUMS [ ] CARTONS [ ] OTHER

WASTE DESCRIPTION NON-HAZARDOUS WATER — GENERATING PROCESS GROUNDWATER SAMPLING

COMPONENTS OF WASTE	PPM	%	COMPONENTS OF WASTE	PPM	%
1. WATER		99-100%	4.		
2. TPH		<0.1%	5.		
3. VOC's		<0.1%	6. BESI # 130392		

PROPERTIES pH 7 [ ] SOLID [X] LIQUID [ ] SLUDGE [ ] SLURRY [ ] OTHER

HANDLING INSTRUCTIONS: WEAR APPROPRIATE PROTECTIVE CLOTHING

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

X [signature] TYPED OR PRINTED FULL NAME & SIGNATURE — DATE 12/22/06

TRANSPORTER

NAME NIETO AND SONS TRUCKING, INC. — EPA I.D. NO.

ADDRESS 1281 BREA CANYON ROAD — SERVICE ORDER NO.

CITY, STATE, ZIP BREA, CALIFORNIA 92821 — PICK UP DATE 12/22/06

PHONE NO. (714) 990-6855

TRUCK, UNIT, I.D. NO. #222

X [signature] TYPED OR PRINTED FULL NAME & SIGNATURE — DATE 12/22/06

TSD FACILITY

NAME Siemens Water Technology — EPA I.D. NO.

DISPOSAL METHOD

ADDRESS 5375 S. Boyle Avenue — [ ] LANDFILL [X] RECYCLER

CITY, STATE, ZIP Los Angeles, CA 90058 — Recycler

PHONE NO. 323 277-1500

[signature] TYPED OR PRINTED FULL NAME & SIGNATURE — DATE 12/22/06

GEN	OLD/NEW	L A	TONS
TRANS		S B	
C/Q		RT/CD	HWDF NONE

DISCREPANCY

manifested 221 GAL.
Received 221 GAL.

APPENDIX C

LABORATORY ANALYTICAL REPORT

4th Quarter 2006 Groundwater Monitoring Report

Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California

Calscience
Environmental
Laboratories, Inc.

January 04, 2007

Jeff Otter
ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Subject: **Calscience Work Order No.: 06-12-1403**
Client Reference: AmeriPride 10770-003-300

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 12/21/2006 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of subcontracted analysis, if any, is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

Cecile deGuia

Calscience Environmental
Laboratories, Inc.
Cecile deGuia
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/21/06
Work Order No: 06-12-1403
Preparation: N/A
Method: RSK-175M

Project: AmeriPride 10770-003-300

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-8A	**06-12-1403-2**	**12/21/06**	**Aqueous**	**N/A**	**12/22/06**	**061222L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
Methane	0.150	1.000	0.00784	1	J	ug/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-13A	**06-12-1403-4**	**12/21/06**	**Aqueous**	**N/A**	**12/22/06**	**061222L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
Methane	0.170	1.000	0.00784	1	J	ug/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-13B	**06-12-1403-5**	**12/21/06**	**Aqueous**	**N/A**	**12/22/06**	**061222L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
Methane	0.0200	1.0000	0.00784	1	J	ug/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-15	**06-12-1403-7**	**12/21/06**	**Aqueous**	**N/A**	**12/22/06**	**061222L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
Methane	0.150	1.000	0.00784	1	J	ug/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-12-010-1,611**	**N/A**	**Aqueous**	**N/A**	**12/22/06**	**061222L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
Methane	ND	1.00	0.00784	1		ug/L

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/21/06
Work Order No: 06-12-1403
Preparation: N/A
Method: EPA 300.0
Units: mg/L

Project: AmeriPride 10770-003-300

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-8A	**06-12-1403-2**	**12/21/06**	**Aqueous**	**N/A**	**12/22/06**	**061221L02**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Nitrite (as N)	ND	0.10	0.015	1		Sulfate	320	50	3.4	50	
Nitrate (as N)	9.5	0.5	0.14	5							

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-13A	**06-12-1403-4**	**12/21/06**	**Aqueous**	**N/A**	**12/22/06**	**061221L02**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Nitrite (as N)	ND	0.10	0.015	1		Sulfate	290	50	3.4	50	
Nitrate (as N)	7.0	0.2	0.055	2							

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-13B	**06-12-1403-5**	**12/21/06**	**Aqueous**	**N/A**	**12/22/06**	**061221L02**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Nitrite (as N)	ND	0.10	0.015	1		Sulfate	110	20	1.4	20	
Nitrate (as N)	4.9	0.1	0.028	1							

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-15	**06-12-1403-7**	**12/21/06**	**Aqueous**	**N/A**	**12/22/06**	**061221L02**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Nitrite (as N)	ND	0.10	0.015	1		Sulfate	270	50	3.4	50	
Nitrate (as N)	5.4	0.2	0.055	2							

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-05-118-3,720**	**N/A**	**Aqueous**	**N/A**	**12/21/06**	**061221L02**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Nitrite (as N)	0.017	0.100	0.015	1	J	Sulfate	ND	1.0	0.069	1	
Nitrate (as N)	ND	0.10	0.028	1							

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ENSR International		Date Received:	12/21/06
999 W. Town and Country Rd, 4th		Work Order No:	06-12-1403
Orange, CA 92868-4713		Preparation:	N/A
		Method:	SM3500-FeD

Project: AmeriPride 10770-003-300

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-8A	**06-12-1403-2**	**12/21/06**	**Aqueous**	**N/A**	**12/21/06**	**61221FEL1**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
Iron (II)	ND	0.10	0.041	1		mg/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-13A	**06-12-1403-4**	**12/21/06**	**Aqueous**	**N/A**	**12/21/06**	**61221FEL1**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
Iron (II)	0.050	0.100	0.041	1	J	mg/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-13B	**06-12-1403-5**	**12/21/06**	**Aqueous**	**N/A**	**12/21/06**	**61221FEL1**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
Iron (II)	ND	0.10	0.041	1		mg/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-15	**06-12-1403-7**	**12/21/06**	**Aqueous**	**N/A**	**12/21/06**	**61221FEL1**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
Iron (II)	ND	0.10	0.041	1		mg/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-05-111-2,417**	**N/A**	**Aqueous**	**N/A**	**12/21/06**	**61221FEL1**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
Iron (II)	ND	0.10	0.041	1		mg/L

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/21/06
Work Order No: 06-12-1403
Preparation: EPA 5030B
Method: EPA 8015B (M)

Project: AmeriPride 10770-003-300

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-8A	**06-12-1403-2**	**12/21/06**	**Aqueous**	**12/21/06**	**12/22/06**	**061221B02**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	ND	50	48	1		ug/L
Surrogates:	**REC (%)**	**Control Limits**			**Qual**	
1,4-Bromofluorobenzene	86	38-134				

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-13A	**06-12-1403-4**	**12/21/06**	**Aqueous**	**12/21/06**	**12/22/06**	**061221B02**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	ND	50	48	1		ug/L
Surrogates:	**REC (%)**	**Control Limits**			**Qual**	
1,4-Bromofluorobenzene	84	38-134				

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-13B	**06-12-1403-5**	**12/21/06**	**Aqueous**	**12/21/06**	**12/22/06**	**061221B02**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	ND	50	48	1		ug/L
Surrogates:	**REC (%)**	**Control Limits**			**Qual**	
1,4-Bromofluorobenzene	82	38-134				

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-14	**06-12-1403-6**	**12/21/06**	**Aqueous**	**12/21/06**	**12/22/06**	**061221B02**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	ND	50	48	1		ug/L
Surrogates:	**REC (%)**	**Control Limits**			**Qual**	
1,4-Bromofluorobenzene	87	38-134				

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-15	**06-12-1403-7**	**12/21/06**	**Aqueous**	**12/21/06**	**12/22/06**	**061221B02**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	ND	50	48	1		ug/L
Surrogates:	**REC (%)**	**Control Limits**			**Qual**	
1,4-Bromofluorobenzene	84	38-134				

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/21/06
Work Order No: 06-12-1403
Preparation: EPA 5030B
Method: EPA 8015B (M)

Project: AmeriPride 10770-003-300

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-12-436-101**	**N/A**	**Aqueous**	**12/21/06**	**12/22/06**	**061221B02**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	ND	50	48	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	84	38-134	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/21/06
Work Order No: 06-12-1403
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: AmeriPride 10770-003-300

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-8A	**06-12-1403-2**	**12/21/06**	**Aqueous**	**12/22/06**	**12/23/06**	**061222L02**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	8.8	50.0	7.0	1	J	c-1,3-Dichloropropene	ND	0.50	0.28	1	
Benzene	ND	0.50	0.19	1		t-1,3-Dichloropropene	ND	0.50	0.26	1	
Bromobenzene	ND	1.0	0.26	1		Ethylbenzene	ND	1.0	0.13	1	
Bromochloromethane	ND	1.0	0.88	1		2-Hexanone	ND	10	3.4	1	
Bromodichloromethane	ND	1.0	0.21	1		Isopropylbenzene	ND	1.0	0.10	1	
Bromoform	ND	1.0	0.87	1		p-Isopropyltoluene	ND	1.0	0.14	1	
Bromomethane	ND	10	3.5	1		Methylene Chloride	ND	10	9.7	1	
2-Butanone	ND	10	8.0	1		4-Methyl-2-Pentanone	ND	10	2.0	1	
n-Butylbenzene	ND	1.0	0.25	1		Naphthalene	ND	10	0.42	1	
sec-Butylbenzene	ND	1.0	0.29	1		n-Propylbenzene	ND	1.0	0.12	1	
tert-Butylbenzene	ND	1.0	0.19	1		Styrene	ND	1.0	0.16	1	
Carbon Disulfide	ND	10	1.8	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.44	1	
Carbon Tetrachloride	ND	0.50	0.29	1		1,1,2,2-Tetrachloroethane	ND	1.0	0.45	1	
Chlorobenzene	ND	1.0	0.16	1		Tetrachloroethene	0.78	1.00	0.30	1	J
Chloroethane	ND	1.0	0.70	1		Toluene	ND	1.0	0.23	1	
Chloroform	0.95	1.00	0.29	1	J	1,2,3-Trichlorobenzene	ND	1.0	0.26	1	
Chloromethane	ND	10	2.1	1		1,2,4-Trichlorobenzene	ND	1.0	0.29	1	
2-Chlorotoluene	ND	1.0	0.16	1		1,1,1-Trichloroethane	ND	1.0	0.35	1	
4-Chlorotoluene	ND	1.0	0.18	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.61	1	
Dibromochloromethane	ND	1.0	0.39	1		1,1,2-Trichloroethane	ND	1.0	0.79	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	3.1	1		Trichloroethene	ND	1.0	0.31	1	
1,2-Dibromoethane	ND	1.0	0.41	1		Trichlorofluoromethane	ND	10	0.83	1	
Dibromomethane	ND	1.0	0.82	1		1,2,3-Trichloropropane	ND	5.0	2.8	1	
1,2-Dichlorobenzene	ND	1.0	0.15	1		1,2,4-Trimethylbenzene	ND	1.0	0.13	1	
1,3-Dichlorobenzene	ND	1.0	0.15	1		1,3,5-Trimethylbenzene	ND	1.0	0.86	1	
1,4-Dichlorobenzene	ND	1.0	0.17	1		Vinyl Acetate	ND	10	6.4	1	
Dichlorodifluoromethane	ND	1.0	0.33	1		Vinyl Chloride	ND	0.50	0.24	1	
1,1-Dichloroethane	ND	1.0	0.25	1		p/m-Xylene	ND	1.0	0.27	1	
1,2-Dichloroethane	ND	0.50	0.25	1		o-Xylene	ND	1.0	0.17	1	
1,1-Dichloroethene	ND	1.0	0.26	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.23	1	
c-1,2-Dichloroethene	ND	1.0	0.63	1		Tert-Butyl Alcohol (TBA)	ND	10	9.2	1	
t-1,2-Dichloroethene	ND	1.0	0.83	1		Diisopropyl Ether (DIPE)	ND	2.0	0.39	1	
1,2-Dichloropropane	ND	1.0	0.55	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	0.46	1	
1,3-Dichloropropane	ND	1.0	0.28	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	0.50	1	
2,2-Dichloropropane	ND	1.0	0.29	1		Ethanol	ND	100	70	1	
1,1-Dichloropropene	ND	1.0	0.62	1							

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	121	74-140		1,2-Dichloroethane-d4	135	74-146	
Toluene-d8	100	88-112		1,4-Bromofluorobenzene	89	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/21/06
Work Order No: 06-12-1403
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: AmeriPride 10770-003-300

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
DUP-1 MW-13B	**06-12-1403-3**	**12/21/06**	**Aqueous**	**12/22/06**	**12/23/06**	**061222L02**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	8.9	50.0	7.0	1	J	c-1,3-Dichloropropene	ND	0.50	0.28	1	
Benzene	ND	0.50	0.19	1		t-1,3-Dichloropropene	ND	0.50	0.26	1	
Bromobenzene	ND	1.0	0.26	1		Ethylbenzene	ND	1.0	0.13	1	
Bromochloromethane	ND	1.0	0.88	1		2-Hexanone	ND	10	3.4	1	
Bromodichloromethane	ND	1.0	0.21	1		Isopropylbenzene	ND	1.0	0.10	1	
Bromoform	ND	1.0	0.87	1		p-Isopropyltoluene	ND	1.0	0.14	1	
Bromomethane	ND	10	3.5	1		Methylene Chloride	ND	10	9.7	1	
2-Butanone	ND	10	8.0	1		4-Methyl-2-Pentanone	ND	10	2.0	1	
n-Butylbenzene	ND	1.0	0.25	1		Naphthalene	ND	10	0.42	1	
sec-Butylbenzene	ND	1.0	0.29	1		n-Propylbenzene	ND	1.0	0.12	1	
tert-Butylbenzene	ND	1.0	0.19	1		Styrene	ND	1.0	0.16	1	
Carbon Disulfide	ND	10	1.8	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.44	1	
Carbon Tetrachloride	ND	0.50	0.29	1		1,1,2,2-Tetrachloroethane	ND	1.0	0.45	1	
Chlorobenzene	ND	1.0	0.16	1		Tetrachloroethene	5.8	1.0	0.30	1	
Chloroethane	ND	1.0	0.70	1		Toluene	ND	1.0	0.23	1	
Chloroform	ND	1.0	0.29	1		1,2,3-Trichlorobenzene	ND	1.0	0.26	1	
Chloromethane	ND	10	2.1	1		1,2,4-Trichlorobenzene	ND	1.0	0.29	1	
2-Chlorotoluene	ND	1.0	0.16	1		1,1,1-Trichloroethane	ND	1.0	0.35	1	
4-Chlorotoluene	ND	1.0	0.18	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.61	1	
Dibromochloromethane	ND	1.0	0.39	1		1,1,2-Trichloroethane	ND	1.0	0.79	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	3.1	1		Trichloroethene	3.4	1.0	0.31	1	
1,2-Dibromoethane	ND	1.0	0.41	1		Trichlorofluoromethane	ND	10	0.83	1	
Dibromomethane	ND	1.0	0.82	1		1,2,3-Trichloropropane	ND	5.0	2.8	1	
1,2-Dichlorobenzene	ND	1.0	0.15	1		1,2,4-Trimethylbenzene	ND	1.0	0.13	1	
1,3-Dichlorobenzene	ND	1.0	0.15	1		1,3,5-Trimethylbenzene	ND	1.0	0.86	1	
1,4-Dichlorobenzene	ND	1.0	0.17	1		Vinyl Acetate	ND	10	6.4	1	
Dichlorodifluoromethane	ND	1.0	0.33	1		Vinyl Chloride	ND	0.50	0.24	1	
1,1-Dichloroethane	ND	1.0	0.25	1		p/m-Xylene	ND	1.0	0.27	1	
1,2-Dichloroethane	ND	0.50	0.25	1		o-Xylene	ND	1.0	0.17	1	
1,1-Dichloroethene	ND	1.0	0.26	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.23	1	
c-1,2-Dichloroethene	9.6	1.0	0.63	1		Tert-Butyl Alcohol (TBA)	ND	10	9.2	1	
t-1,2-Dichloroethene	ND	1.0	0.83	1		Diisopropyl Ether (DIPE)	ND	2.0	0.39	1	
1,2-Dichloropropane	ND	1.0	0.55	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	0.46	1	
1,3-Dichloropropane	ND	1.0	0.28	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	0.50	1	
2,2-Dichloropropane	ND	1.0	0.29	1		Ethanol	ND	100	70	1	
1,1-Dichloropropene	ND	1.0	0.62	1							

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	120	74-140		1,2-Dichloroethane-d4	133	74-146	
Toluene-d8	100	88-112		1,4-Bromofluorobenzene	88	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/21/06
Work Order No: 06-12-1403
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: AmeriPride 10770-003-300

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-13A	**06-12-1403-4**	**12/21/06**	**Aqueous**	**12/23/06**	**12/24/06**	**061223L03**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	50	7.0	1		c-1,3-Dichloropropene	ND	0.50	0.28	1	
Benzene	ND	0.50	0.19	1		t-1,3-Dichloropropene	ND	0.50	0.26	1	
Bromobenzene	ND	1.0	0.26	1		Ethylbenzene	ND	1.0	0.13	1	
Bromochloromethane	ND	1.0	0.88	1		2-Hexanone	ND	10	3.4	1	
Bromodichloromethane	ND	1.0	0.21	1		Isopropylbenzene	ND	1.0	0.10	1	
Bromoform	ND	1.0	0.87	1		p-Isopropyltoluene	ND	1.0	0.14	1	
Bromomethane	ND	10	3.5	1		Methylene Chloride	ND	10	9.7	1	
2-Butanone	ND	10	8.0	1		4-Methyl-2-Pentanone	ND	10	2.0	1	
n-Butylbenzene	ND	1.0	0.25	1		Naphthalene	ND	10	0.42	1	
sec-Butylbenzene	ND	1.0	0.29	1		n-Propylbenzene	ND	1.0	0.12	1	
tert-Butylbenzene	ND	1.0	0.19	1		Styrene	ND	1.0	0.16	1	
Carbon Disulfide	ND	10	1.8	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.44	1	
Carbon Tetrachloride	ND	0.50	0.29	1		1,1,2,2-Tetrachloroethane	ND	1.0	0.45	1	
Chlorobenzene	ND	1.0	0.16	1		Tetrachloroethene	22	1	0.30	1	
Chloroethane	ND	1.0	0.70	1		Toluene	ND	1.0	0.23	1	
Chloroform	0.63	1.00	0.29	1	J	1,2,3-Trichlorobenzene	ND	1.0	0.26	1	
Chloromethane	ND	10	2.1	1		1,2,4-Trichlorobenzene	ND	1.0	0.29	1	
2-Chlorotoluene	ND	1.0	0.16	1		1,1,1-Trichloroethane	ND	1.0	0.35	1	
4-Chlorotoluene	ND	1.0	0.18	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.61	1	
Dibromochloromethane	ND	1.0	0.39	1		1,1,2-Trichloroethane	ND	1.0	0.79	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	3.1	1		Trichloroethene	11	1	0.31	1	
1,2-Dibromoethane	ND	1.0	0.41	1		Trichlorofluoromethane	ND	10	0.83	1	
Dibromomethane	ND	1.0	0.82	1		1,2,3-Trichloropropane	ND	5.0	2.8	1	
1,2-Dichlorobenzene	ND	1.0	0.15	1		1,2,4-Trimethylbenzene	ND	1.0	0.13	1	
1,3-Dichlorobenzene	ND	1.0	0.15	1		1,3,5-Trimethylbenzene	ND	1.0	0.86	1	
1,4-Dichlorobenzene	ND	1.0	0.17	1		Vinyl Acetate	ND	10	6.4	1	
Dichlorodifluoromethane	ND	1.0	0.33	1		Vinyl Chloride	ND	0.50	0.24	1	
1,1-Dichloroethane	ND	1.0	0.25	1		p/m-Xylene	ND	1.0	0.27	1	
1,2-Dichloroethane	ND	0.50	0.25	1		o-Xylene	ND	1.0	0.17	1	
1,1-Dichloroethene	ND	1.0	0.26	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.23	1	
c-1,2-Dichloroethene	35	1	0.63	1		Tert-Butyl Alcohol (TBA)	ND	10	9.2	1	
t-1,2-Dichloroethene	1.4	1.0	0.83	1		Diisopropyl Ether (DIPE)	ND	2.0	0.39	1	
1,2-Dichloropropane	ND	1.0	0.55	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	0.46	1	
1,3-Dichloropropane	ND	1.0	0.28	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	0.50	1	
2,2-Dichloropropane	ND	1.0	0.29	1		Ethanol	ND	100	70	1	
1,1-Dichloropropene	ND	1.0	0.62	1							

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	100	74-140		1,2-Dichloroethane-d4	104	74-146	
Toluene-d8	104	88-112		1,4-Bromofluorobenzene	99	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/21/06
Work Order No: 06-12-1403
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: AmeriPride 10770-003-300

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-13B	**06-12-1403-5**	**12/21/06**	**Aqueous**	**12/23/06**	**12/24/06**	**061223L03**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	8.5	50.0	7.0	1	J	c-1,3-Dichloropropene	ND	0.50	0.28	1	
Benzene	ND	0.50	0.19	1		t-1,3-Dichloropropene	ND	0.50	0.26	1	
Bromobenzene	ND	1.0	0.26	1		Ethylbenzene	ND	1.0	0.13	1	
Bromochloromethane	ND	1.0	0.88	1		2-Hexanone	ND	10	3.4	1	
Bromodichloromethane	ND	1.0	0.21	1		Isopropylbenzene	ND	1.0	0.10	1	
Bromoform	ND	1.0	0.87	1		p-Isopropyltoluene	ND	1.0	0.14	1	
Bromomethane	ND	10	3.5	1		Methylene Chloride	ND	10	9.7	1	
2-Butanone	ND	10	8.0	1		4-Methyl-2-Pentanone	ND	10	2.0	1	
n-Butylbenzene	ND	1.0	0.25	1		Naphthalene	ND	10	0.42	1	
sec-Butylbenzene	ND	1.0	0.29	1		n-Propylbenzene	ND	1.0	0.12	1	
tert-Butylbenzene	ND	1.0	0.19	1		Styrene	ND	1.0	0.16	1	
Carbon Disulfide	ND	10	1.8	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.44	1	
Carbon Tetrachloride	ND	0.50	0.29	1		1,1,2,2-Tetrachloroethane	ND	1.0	0.45	1	
Chlorobenzene	ND	1.0	0.16	1		Tetrachloroethene	6.9	1.0	0.30	1	
Chloroethane	ND	1.0	0.70	1		Toluene	ND	1.0	0.23	1	
Chloroform	ND	1.0	0.29	1		1,2,3-Trichlorobenzene	ND	1.0	0.26	1	
Chloromethane	ND	10	2.1	1		1,2,4-Trichlorobenzene	ND	1.0	0.29	1	
2-Chlorotoluene	ND	1.0	0.16	1		1,1,1-Trichloroethane	ND	1.0	0.35	1	
4-Chlorotoluene	ND	1.0	0.18	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.61	1	
Dibromochloromethane	ND	1.0	0.39	1		1,1,2-Trichloroethane	ND	1.0	0.79	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	3.1	1		Trichloroethene	2.9	1.0	0.31	1	
1,2-Dibromoethane	ND	1.0	0.41	1		Trichlorofluoromethane	ND	10	0.83	1	
Dibromomethane	ND	1.0	0.82	1		1,2,3-Trichloropropane	ND	5.0	2.8	1	
1,2-Dichlorobenzene	ND	1.0	0.15	1		1,2,4-Trimethylbenzene	ND	1.0	0.13	1	
1,3-Dichlorobenzene	ND	1.0	0.15	1		1,3,5-Trimethylbenzene	ND	1.0	0.86	1	
1,4-Dichlorobenzene	ND	1.0	0.17	1		Vinyl Acetate	ND	10	6.4	1	
Dichlorodifluoromethane	ND	1.0	0.33	1		Vinyl Chloride	ND	0.50	0.24	1	
1,1-Dichloroethane	ND	1.0	0.25	1		p/m-Xylene	ND	1.0	0.27	1	
1,2-Dichloroethane	ND	0.50	0.25	1		o-Xylene	ND	1.0	0.17	1	
1,1-Dichloroethene	ND	1.0	0.26	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.23	1	
c-1,2-Dichloroethene	11	1	0.63	1		Tert-Butyl Alcohol (TBA)	ND	10	9.2	1	
t-1,2-Dichloroethene	ND	1.0	0.83	1		Diisopropyl Ether (DIPE)	ND	2.0	0.39	1	
1,2-Dichloropropane	ND	1.0	0.55	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	0.46	1	
1,3-Dichloropropane	ND	1.0	0.28	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	0.50	1	
2,2-Dichloropropane	ND	1.0	0.29	1		Ethanol	ND	100	70	1	
1,1-Dichloropropene	ND	1.0	0.62	1							

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	120	74-140		1,2-Dichloroethane-d4	124	74-146	
Toluene-d8	99	88-112		1,4-Bromofluorobenzene	95	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/21/06
Work Order No: 06-12-1403
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: AmeriPride 10770-003-300

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-14	**06-12-1403-6**	**12/21/06**	**Aqueous**	**12/23/06**	**12/24/06**	**061223L03**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	9.4	50.0	7.0	1	J	c-1,3-Dichloropropene	ND	0.50	0.28	1	
Benzene	ND	0.50	0.19	1		t-1,3-Dichloropropene	ND	0.50	0.26	1	
Bromobenzene	ND	1.0	0.26	1		Ethylbenzene	ND	1.0	0.13	1	
Bromochloromethane	ND	1.0	0.88	1		2-Hexanone	ND	10	3.4	1	
Bromodichloromethane	ND	1.0	0.21	1		Isopropylbenzene	ND	1.0	0.10	1	
Bromoform	ND	1.0	0.87	1		p-Isopropyltoluene	ND	1.0	0.14	1	
Bromomethane	ND	10	3.5	1		Methylene Chloride	ND	10	9.7	1	
2-Butanone	ND	10	8.0	1		4-Methyl-2-Pentanone	ND	10	2.0	1	
n-Butylbenzene	ND	1.0	0.25	1		Naphthalene	ND	10	0.42	1	
sec-Butylbenzene	ND	1.0	0.29	1		n-Propylbenzene	ND	1.0	0.12	1	
tert-Butylbenzene	ND	1.0	0.19	1		Styrene	ND	1.0	0.16	1	
Carbon Disulfide	ND	10	1.8	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.44	1	
Carbon Tetrachloride	ND	0.50	0.29	1		1,1,2,2-Tetrachloroethane	ND	1.0	0.45	1	
Chlorobenzene	ND	1.0	0.16	1		Tetrachloroethene	19	1	0.30	1	
Chloroethane	ND	1.0	0.70	1		Toluene	ND	1.0	0.23	1	
Chloroform	0.79	1.00	0.29	1	J	1,2,3-Trichlorobenzene	ND	1.0	0.26	1	
Chloromethane	ND	10	2.1	1		1,2,4-Trichlorobenzene	ND	1.0	0.29	1	
2-Chlorotoluene	ND	1.0	0.16	1		1,1,1-Trichloroethane	ND	1.0	0.35	1	
4-Chlorotoluene	ND	1.0	0.18	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.61	1	
Dibromochloromethane	ND	1.0	0.39	1		1,1,2-Trichloroethane	ND	1.0	0.79	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	3.1	1		Trichloroethene	11	1	0.31	1	
1,2-Dibromoethane	ND	1.0	0.41	1		Trichlorofluoromethane	ND	10	0.83	1	
Dibromomethane	ND	1.0	0.82	1		1,2,3-Trichloropropane	ND	5.0	2.8	1	
1,2-Dichlorobenzene	ND	1.0	0.15	1		1,2,4-Trimethylbenzene	ND	1.0	0.13	1	
1,3-Dichlorobenzene	ND	1.0	0.15	1		1,3,5-Trimethylbenzene	ND	1.0	0.86	1	
1,4-Dichlorobenzene	ND	1.0	0.17	1		Vinyl Acetate	ND	10	6.4	1	
Dichlorodifluoromethane	ND	1.0	0.33	1		Vinyl Chloride	ND	0.50	0.24	1	
1,1-Dichloroethane	ND	1.0	0.25	1		p/m-Xylene	ND	1.0	0.27	1	
1,2-Dichloroethane	ND	0.50	0.25	1		o-Xylene	ND	1.0	0.17	1	
1,1-Dichloroethene	ND	1.0	0.26	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.23	1	
c-1,2-Dichloroethene	45	1	0.63	1		Tert-Butyl Alcohol (TBA)	ND	10	9.2	1	
t-1,2-Dichloroethene	3.1	1.0	0.83	1		Diisopropyl Ether (DIPE)	ND	2.0	0.39	1	
1,2-Dichloropropane	ND	1.0	0.55	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	0.46	1	
1,3-Dichloropropane	ND	1.0	0.28	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	0.50	1	
2,2-Dichloropropane	ND	1.0	0.29	1		Ethanol	ND	100	70	1	
1,1-Dichloropropene	ND	1.0	0.62	1							

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	121	74-140		1,2-Dichloroethane-d4	125	74-146	
Toluene-d8	98	88-112		1,4-Bromofluorobenzene	97	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ENSR International		Date Received:	12/21/06
999 W. Town and Country Rd, 4th		Work Order No:	06-12-1403
Orange, CA 92868-4713		Preparation:	EPA 5030B
		Method:	EPA 8260B
		Units:	ug/L
Project: AmeriPride 10770-003-300			Page 6 of 8

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-15	**06-12-1403-7**	**12/21/06**	**Aqueous**	**12/23/06**	**12/24/06**	**061223L03**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	17	100	14	2	J	c-1,3-Dichloropropene	ND	1.0	0.57	2	
Benzene	ND	1.0	0.38	2		t-1,3-Dichloropropene	ND	1.0	0.51	2	
Bromobenzene	ND	2.0	0.51	2		Ethylbenzene	ND	2.0	0.27	2	
Bromochloromethane	ND	2.0	1.8	2		2-Hexanone	ND	20	6.8	2	
Bromodichloromethane	ND	2.0	0.43	2		Isopropylbenzene	ND	2.0	0.20	2	
Bromoform	ND	2.0	1.7	2		p-Isopropyltoluene	ND	2.0	0.27	2	
Bromomethane	ND	20	7.0	2		Methylene Chloride	ND	20	19	2	
2-Butanone	ND	20	16	2		4-Methyl-2-Pentanone	ND	20	4.1	2	
n-Butylbenzene	ND	2.0	0.49	2		Naphthalene	ND	20	0.84	2	
sec-Butylbenzene	ND	2.0	0.59	2		n-Propylbenzene	ND	2.0	0.25	2	
tert-Butylbenzene	ND	2.0	0.37	2		Styrene	ND	2.0	0.31	2	
Carbon Disulfide	ND	20	3.7	2		1,1,1,2-Tetrachloroethane	ND	2.0	0.89	2	
Carbon Tetrachloride	ND	1.0	0.59	2		1,1,2,2-Tetrachloroethane	ND	2.0	0.90	2	
Chlorobenzene	ND	2.0	0.33	2		Tetrachloroethene	27	2	0.60	2	
Chloroethane	ND	2.0	1.4	2		Toluene	ND	2.0	0.45	2	
Chloroform	0.61	2.00	0.59	2	J	1,2,3-Trichlorobenzene	ND	2.0	0.52	2	
Chloromethane	ND	20	4.1	2		1,2,4-Trichlorobenzene	ND	2.0	0.59	2	
2-Chlorotoluene	ND	2.0	0.31	2		1,1,1-Trichloroethane	ND	2.0	0.69	2	
4-Chlorotoluene	ND	2.0	0.36	2		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	20	1.2	2	
Dibromochloromethane	ND	2.0	0.78	2		1,1,2-Trichloroethane	ND	2.0	1.6	2	
1,2-Dibromo-3-Chloropropane	ND	10	6.3	2		Trichloroethene	23	2	0.61	2	
1,2-Dibromoethane	ND	2.0	0.82	2		Trichlorofluoromethane	ND	20	1.7	2	
Dibromomethane	ND	2.0	1.6	2		1,2,3-Trichloropropane	ND	10	5.5	2	
1,2-Dichlorobenzene	ND	2.0	0.30	2		1,2,4-Trimethylbenzene	ND	2.0	0.27	2	
1,3-Dichlorobenzene	ND	2.0	0.30	2		1,3,5-Trimethylbenzene	ND	2.0	1.7	2	
1,4-Dichlorobenzene	ND	2.0	0.35	2		Vinyl Acetate	ND	20	13	2	
Dichlorodifluoromethane	ND	2.0	0.65	2		Vinyl Chloride	ND	1.0	0.48	2	
1,1-Dichloroethane	ND	2.0	0.50	2		p/m-Xylene	ND	2.0	0.55	2	
1,2-Dichloroethane	ND	1.0	0.49	2		o-Xylene	ND	2.0	0.34	2	
1,1-Dichloroethene	ND	2.0	0.51	2		Methyl-t-Butyl Ether (MTBE)	ND	2.0	0.45	2	
c-1,2-Dichloroethene	160	2	1.3	2		Tert-Butyl Alcohol (TBA)	ND	20	18	2	
t-1,2-Dichloroethene	12	2	1.7	2		Diisopropyl Ether (DIPE)	ND	4.0	0.78	2	
1,2-Dichloropropane	ND	2.0	1.1	2		Ethyl-t-Butyl Ether (ETBE)	ND	4.0	0.92	2	
1,3-Dichloropropane	ND	2.0	0.56	2		Tert-Amyl-Methyl Ether (TAME)	ND	4.0	1.0	2	
2,2-Dichloropropane	ND	2.0	0.58	2		Ethanol	ND	200	140	2	
1,1-Dichloropropene	ND	2.0	1.2	2							

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	119	74-140		1,2-Dichloroethane-d4	127	74-146	
Toluene-d8	99	88-112		1,4-Bromofluorobenzene	95	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/21/06
Work Order No: 06-12-1403
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: AmeriPride 10770-003-300

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-10-006-19,992**	**N/A**	**Aqueous**	**12/23/06**	**12/24/06**	**061223L03**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	50	7.0	1		c-1,3-Dichloropropene	ND	0.50	0.28	1	
Benzene	ND	0.50	0.19	1		t-1,3-Dichloropropene	ND	0.50	0.26	1	
Bromobenzene	ND	1.0	0.26	1		Ethylbenzene	ND	1.0	0.13	1	
Bromochloromethane	ND	1.0	0.88	1		2-Hexanone	ND	10	3.4	1	
Bromodichloromethane	ND	1.0	0.21	1		Isopropylbenzene	ND	1.0	0.10	1	
Bromoform	ND	1.0	0.87	1		p-Isopropyltoluene	ND	1.0	0.14	1	
Bromomethane	ND	10	3.5	1		Methylene Chloride	ND	10	9.7	1	
2-Butanone	ND	10	8.0	1		4-Methyl-2-Pentanone	ND	10	2.0	1	
n-Butylbenzene	ND	1.0	0.25	1		Naphthalene	ND	10	0.42	1	
sec-Butylbenzene	ND	1.0	0.29	1		n-Propylbenzene	ND	1.0	0.12	1	
tert-Butylbenzene	ND	1.0	0.19	1		Styrene	ND	1.0	0.16	1	
Carbon Disulfide	ND	10	1.8	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.44	1	
Carbon Tetrachloride	ND	0.50	0.29	1		1,1,2,2-Tetrachloroethane	ND	1.0	0.45	1	
Chlorobenzene	ND	1.0	0.16	1		Tetrachloroethene	ND	1.0	0.30	1	
Chloroethane	ND	1.0	0.70	1		Toluene	ND	1.0	0.23	1	
Chloroform	ND	1.0	0.29	1		1,2,3-Trichlorobenzene	ND	1.0	0.26	1	
Chloromethane	ND	10	2.1	1		1,2,4-Trichlorobenzene	ND	1.0	0.29	1	
2-Chlorotoluene	ND	1.0	0.16	1		1,1,1-Trichloroethane	ND	1.0	0.35	1	
4-Chlorotoluene	ND	1.0	0.18	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.61	1	
Dibromochloromethane	ND	1.0	0.39	1		1,1,2-Trichloroethane	ND	1.0	0.79	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	3.1	1		Trichloroethene	ND	1.0	0.31	1	
1,2-Dibromoethane	ND	1.0	0.41	1		Trichlorofluoromethane	ND	10	0.83	1	
Dibromomethane	ND	1.0	0.82	1		1,2,3-Trichloropropane	ND	5.0	2.8	1	
1,2-Dichlorobenzene	ND	1.0	0.15	1		1,2,4-Trimethylbenzene	ND	1.0	0.13	1	
1,3-Dichlorobenzene	ND	1.0	0.15	1		1,3,5-Trimethylbenzene	ND	1.0	0.86	1	
1,4-Dichlorobenzene	ND	1.0	0.17	1		Vinyl Acetate	ND	10	6.4	1	
Dichlorodifluoromethane	ND	1.0	0.33	1		Vinyl Chloride	ND	0.50	0.24	1	
1,1-Dichloroethane	ND	1.0	0.25	1		p/m-Xylene	ND	1.0	0.27	1	
1,2-Dichloroethane	ND	0.50	0.25	1		o-Xylene	ND	1.0	0.17	1	
1,1-Dichloroethene	ND	1.0	0.26	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.23	1	
c-1,2-Dichloroethene	ND	1.0	0.63	1		Tert-Butyl Alcohol (TBA)	ND	10	9.2	1	
t-1,2-Dichloroethene	ND	1.0	0.83	1		Diisopropyl Ether (DIPE)	ND	2.0	0.39	1	
1,2-Dichloropropane	ND	1.0	0.55	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	0.46	1	
1,3-Dichloropropane	ND	1.0	0.28	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	0.50	1	
2,2-Dichloropropane	ND	1.0	0.29	1		Ethanol	ND	100	70	1	
1,1-Dichloropropene	ND	1.0	0.62	1							

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	97	74-140		1,2-Dichloroethane-d4	101	74-146	
Toluene-d8	104	88-112		1,4-Bromofluorobenzene	98	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received:	12/21/06
Work Order No:	06-12-1403
Preparation:	EPA 5030B
Method:	EPA 8260B
Units:	ug/L

Project: AmeriPride 10770-003-300

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-10-006-20,006**	**N/A**	**Aqueous**	**12/22/06**	**12/23/06**	**061222L02**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	50	7.0	1		c-1,3-Dichloropropene	ND	0.50	0.28	1	
Benzene	ND	0.50	0.19	1		t-1,3-Dichloropropene	ND	0.50	0.26	1	
Bromobenzene	ND	1.0	0.26	1		Ethylbenzene	ND	1.0	0.13	1	
Bromochloromethane	ND	1.0	0.88	1		2-Hexanone	ND	10	3.4	1	
Bromodichloromethane	ND	1.0	0.21	1		Isopropylbenzene	ND	1.0	0.10	1	
Bromoform	ND	1.0	0.87	1		p-Isopropyltoluene	ND	1.0	0.14	1	
Bromomethane	ND	10	3.5	1		Methylene Chloride	ND	10	9.7	1	
2-Butanone	ND	10	8.0	1		4-Methyl-2-Pentanone	ND	10	2.0	1	
n-Butylbenzene	ND	1.0	0.25	1		Naphthalene	ND	10	0.42	1	
sec-Butylbenzene	ND	1.0	0.29	1		n-Propylbenzene	ND	1.0	0.12	1	
tert-Butylbenzene	ND	1.0	0.19	1		Styrene	ND	1.0	0.16	1	
Carbon Disulfide	ND	10	1.8	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.44	1	
Carbon Tetrachloride	ND	0.50	0.29	1		1,1,2,2-Tetrachloroethane	ND	1.0	0.45	1	
Chlorobenzene	ND	1.0	0.16	1		Tetrachloroethene	ND	1.0	0.30	1	
Chloroethane	ND	1.0	0.70	1		Toluene	ND	1.0	0.23	1	
Chloroform	ND	1.0	0.29	1		1,2,3-Trichlorobenzene	ND	1.0	0.26	1	
Chloromethane	ND	10	2.1	1		1,2,4-Trichlorobenzene	ND	1.0	0.29	1	
2-Chlorotoluene	ND	1.0	0.16	1		1,1,1-Trichloroethane	ND	1.0	0.35	1	
4-Chlorotoluene	ND	1.0	0.18	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.61	1	
Dibromochloromethane	ND	1.0	0.39	1		1,1,2-Trichloroethane	ND	1.0	0.79	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	3.1	1		Trichloroethene	ND	1.0	0.31	1	
1,2-Dibromoethane	ND	1.0	0.41	1		Trichlorofluoromethane	ND	10	0.83	1	
Dibromomethane	ND	1.0	0.82	1		1,2,3-Trichloropropane	ND	5.0	2.8	1	
1,2-Dichlorobenzene	ND	1.0	0.15	1		1,2,4-Trimethylbenzene	ND	1.0	0.13	1	
1,3-Dichlorobenzene	ND	1.0	0.15	1		1,3,5-Trimethylbenzene	ND	1.0	0.86	1	
1,4-Dichlorobenzene	ND	1.0	0.17	1		Vinyl Acetate	ND	10	6.4	1	
Dichlorodifluoromethane	ND	1.0	0.33	1		Vinyl Chloride	ND	0.50	0.24	1	
1,1-Dichloroethane	ND	1.0	0.25	1		p/m-Xylene	ND	1.0	0.27	1	
1,2-Dichloroethane	ND	0.50	0.25	1		o-Xylene	ND	1.0	0.17	1	
1,1-Dichloroethene	ND	1.0	0.26	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.23	1	
c-1,2-Dichloroethene	ND	1.0	0.63	1		Tert-Butyl Alcohol (TBA)	ND	10	9.2	1	
t-1,2-Dichloroethene	ND	1.0	0.83	1		Diisopropyl Ether (DIPE)	ND	2.0	0.39	1	
1,2-Dichloropropane	ND	1.0	0.55	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	0.46	1	
1,3-Dichloropropane	ND	1.0	0.28	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	0.50	1	
2,2-Dichloropropane	ND	1.0	0.29	1		Ethanol	ND	100	70	1	
1,1-Dichloropropene	ND	1.0	0.62	1							

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	114	74-140		1,2-Dichloroethane-d4	130	74-146	
Toluene-d8	97	88-112		1,4-Bromofluorobenzene	88	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Quality Control - Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International		Date Received:	12/21/06
999 W. Town and Country Rd, 4th		Work Order No:	06-12-1403
Orange, CA 92868-4713		Preparation:	N/A
		Method:	RSK-175M

Project: AmeriPride 10770-003-300

Quality Control Sample ID	Matrix	Instrument	Date Prepared:	Date Analyzed:	Duplicate Batch Number
MW-13A	**Aqueous**	**GC 33**	**N/A**	**12/22/06**	**061222D01**

Parameter	Sample Conc	DUP Conc	RPD	RPD CL	Qualifiers
Carbon Dioxide	ND	ND	NA	0-20	
Ethane	ND	ND	NA	0-20	
Ethylene	ND	ND	NA	0-20	
Methane	ND	ND	NA	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/21/06
Work Order No: 06-12-1403
Preparation: N/A
Method: EPA 300.0

Project AmeriPride 10770-003-300

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
MW-8A	**Aqueous**	**IC 7**	**N/A**	**12/22/06**	**061221S02**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Nitrite (as N)	94	96	68-122	2	0-8	
Nitrate (as N)	92	95	58-142	2	0-6	
Sulfate	101	101	49-133	0	0-3	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/21/06
Work Order No: 06-12-1403
Preparation: N/A
Method: SM3500-FeD

Project AmeriPride 10770-003-300

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
MW-15	**Aqueous**	**UV 2**	**N/A**	**12/21/06**	**61221FES1**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Iron (II)	100	96	70-130	4	0-25	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/21/06
Work Order No: 06-12-1403
Preparation: EPA 5030B
Method: EPA 8015B (M)

Project AmeriPride 10770-003-300

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
MW-8A	**Aqueous**	**GC 4**	**12/21/06**	**12/22/06**	**061221S02**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	85	87	68-122	2	0-18	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/21/06
Work Order No: 06-12-1403
Preparation: EPA 5030B
Method: EPA 8260B

Project AmeriPride 10770-003-300

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
06-12-1453-1	**Aqueous**	**GC/MS W**	**12/22/06**	**12/23/06**	**061222S02**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	107	114	88-118	7	0-7	
Carbon Tetrachloride	106	119	67-145	11	0-11	
Chlorobenzene	103	111	88-118	7	0-7	
1,2-Dichlorobenzene	100	107	86-116	6	0-8	
1,1-Dichloroethene	120	130	70-130	8	0-25	
Toluene	106	115	87-123	8	0-8	
Trichloroethene	102	110	79-127	8	0-10	
Vinyl Chloride	109	116	69-129	6	0-13	
Methyl-t-Butyl Ether (MTBE)	102	107	71-131	5	0-13	
Tert-Butyl Alcohol (TBA)	100	106	36-168	6	0-45	
Diisopropyl Ether (DIPE)	105	111	81-123	5	0-9	
Ethyl-t-Butyl Ether (ETBE)	99	103	72-126	5	0-12	
Tert-Amyl-Methyl Ether (TAME)	105	109	72-126	4	0-12	
Ethanol	108	103	53-149	4	0-31	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/21/06
Work Order No: 06-12-1403
Preparation: EPA 5030B
Method: EPA 8260B

Project AmeriPride 10770-003-300

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
MW-13A	**Aqueous**	**GC/MS Z**	**12/23/06**	**12/24/06**	**061223S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	101	96	88-118	6	0-7	
Carbon Tetrachloride	108	90	67-145	19	0-11	4
Chlorobenzene	99	99	88-118	0	0-7	
1,2-Dichlorobenzene	96	94	86-116	1	0-8	
1,1-Dichloroethene	110	92	70-130	17	0-25	
Toluene	99	104	87-123	6	0-8	
Trichloroethene	105	94	79-127	9	0-10	
Vinyl Chloride	102	92	69-129	10	0-13	
Methyl-t-Butyl Ether (MTBE)	97	84	71-131	14	0-13	4
Tert-Butyl Alcohol (TBA)	69	62	36-168	11	0-45	
Diisopropyl Ether (DIPE)	104	97	81-123	7	0-9	
Ethyl-t-Butyl Ether (ETBE)	89	83	72-126	8	0-12	
Tert-Amyl-Methyl Ether (TAME)	86	83	72-126	3	0-12	
Ethanol	116	115	53-149	1	0-31	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: N/A
Work Order No: 06-12-1403
Preparation: N/A
Method: RSK-175M

Project: AmeriPride 10770-003-300

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-010-1,611	**Aqueous**	**GC 33**	**N/A**	**12/22/06**	**061222L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Methane	94	95	79-109	1	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: N/A
Work Order No: 06-12-1403
Preparation: N/A
Method: EPA 300.0

Project: AmeriPride 10770-003-300

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-05-118-3,720	**Aqueous**	**IC 7**	**N/A**	**12/22/06**	**061221L02**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Nitrite (as N)	96	96	73-115	0	0-26	
Nitrate (as N)	92	94	87-111	2	0-12	
Sulfate	99	95	89-107	4	0-13	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Laboratory Control Sample

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International		Date Received:	N/A
999 W. Town and Country Rd, 4th		Work Order No:	06-12-1403
Orange, CA 92868-4713		Preparation:	N/A
		Method:	SM3500-FeD

Project: AmeriPride 10770-003-300

Quality Control Sample ID	Matrix	Instrument	Date Analyzed	Lab File ID	LCS Batch Number
099-05-111-2,417	**Aqueous**	**UV 2**	**12/21/06**	**NONE**	**61221FEL1**

Parameter	Conc Added	Conc Recovered	LCS %Rec	%Rec CL	Qualifiers
Iron (II)	1.0	0.94	94	80-120	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: N/A
Work Order No: 06-12-1403
Preparation: EPA 5030B
Method: EPA 8015B (M)

Project: AmeriPride 10770-003-300

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-436-101	**Aqueous**	**GC 4**	**12/21/06**	**12/22/06**	**061221B02**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	90	90	78-120	0	0-10	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: N/A
Work Order No: 06-12-1403
Preparation: EPA 5030B
Method: EPA 8260B

Project: AmeriPride 10770-003-300

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-10-006-20,006	**Aqueous**	**GC/MS W**	**12/22/06**	**12/23/06**	**061222L02**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	114	113	84-120	1	0-8	
Carbon Tetrachloride	123	124	63-147	1	0-10	
Chlorobenzene	111	109	89-119	2	0-7	
1,2-Dichlorobenzene	106	106	89-119	0	0-9	
1,1-Dichloroethene	125	126	77-125	0	0-16	X
Toluene	113	114	83-125	1	0-9	
Trichloroethene	117	116	89-119	0	0-8	
Vinyl Chloride	121	121	63-135	0	0-13	
Methyl-t-Butyl Ether (MTBE)	107	107	82-118	0	0-13	
Tert-Butyl Alcohol (TBA)	96	101	46-154	5	0-32	
Diisopropyl Ether (DIPE)	112	114	81-123	1	0-11	
Ethyl-t-Butyl Ether (ETBE)	104	105	74-122	1	0-12	
Tert-Amyl-Methyl Ether (TAME)	112	111	76-124	1	0-10	
Ethanol	105	107	60-138	2	0-32	

Note "X" : The percent recovery is above acceptable control limits. The samples and method blank associated with this batch are non-detect, and therefore, the results have been reported without further clarification.

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: N/A
Work Order No: 06-12-1403
Preparation: EPA 5030B
Method: EPA 8260B

Project: AmeriPride 10770-003-300

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-10-006-19,992	**Aqueous**	**GC/MS Z**	**12/23/06**	**12/24/06**	**061223L03**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	99	99	84-120	0	0-8	
Carbon Tetrachloride	103	103	63-147	0	0-10	
Chlorobenzene	99	99	89-119	0	0-7	
1,2-Dichlorobenzene	97	97	89-119	0	0-9	
1,1-Dichloroethene	108	106	77-125	3	0-16	
Toluene	96	97	83-125	1	0-9	
Trichloroethene	102	103	89-119	0	0-8	
Vinyl Chloride	99	98	63-135	1	0-13	
Methyl-t-Butyl Ether (MTBE)	104	100	82-118	3	0-13	
Tert-Butyl Alcohol (TBA)	66	62	46-154	6	0-32	
Diisopropyl Ether (DIPE)	109	106	81-123	3	0-11	
Ethyl-t-Butyl Ether (ETBE)	98	95	74-122	3	0-12	
Tert-Amyl-Methyl Ether (TAME)	90	90	76-124	1	0-10	
Ethanol	110	99	60-138	10	0-32	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 06-12-1403

Qualifier	Definition
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike or Matrix Spike Duplicate compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

Dennis Liu

From: Otter, Jeff [jotter@ensr.aecom.com]
Sent: Thursday, December 21, 2006 5:46 PM
To: Dennis Liu
Subject: RE: 06-12-1403; AmeriPride 10770-003-300

DOC006.PDF

Amended page 1 attached.
Thanks for coordinating this.

-----Original Message-----
From: Dennis Liu [mailto:DLiu@calscience.com]
Sent: Thursday, December 21, 2006 5:25 PM
To: Otter, Jeff
Subject: 06-12-1403; AmeriPride 10770-003-300

We did not receive your trip blank samples. Could you please ammend the attached COC to reflect the omission? Thank you.

<<06-12-1403.PDF>>

Dennis Liu
Assistant Project Manager
Calscience Environmental
Laboratories, Inc.
7440 Lincoln Way
Garden Grove, CA 92841-1427
Tel.: 714-895-5494 Ext. 134
Fax : 714-894-7501
dliu@calscience.com

PRIVACY NOTICE:
This email (and/or the documents attached to it) is intended only for the use of the individual or entity to which it is addressed and may contain information that is privileged, confidential, or exempt from disclosure under applicable Federal or State law. If the reader of this message is not the intended recipient or the employee or agent responsible for delivering the message to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this communication is strictly prohibited. If you have received this communication in error, please notify us immediately by telephone or else to arrange for the return of the documents
REPORT SECURITY NOTICE:
The client or recipient of any attached analytical report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience Environmental Laboratories, Inc. is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience Environmental Laboratories, Inc. for any defense to any litigation which arises.

Eurofins Environmental Laboratories, Inc.
7440 LINCOLN WAY
GARDEN GROVE, CA 92841-1432
TEL: (714) 895-5494 . FAX: (714) 894-7501

CHAIN OF CUSTODY RECORD

DATE:

PAGE: 1 OF 2

LABORATORY CLIENT: ENSR

ADDRESS: 999 West Town and Country Road, 4th Floor

CITY: Orange, CA 92868

TEL: 714-973-9740 | FAX: 714-973-9750 | E-MAIL: jotter@ensr.aecom.com

CLIENT PROJECT NAME / NUMBER: AmeriPride 10770-003-300

PROJECT CONTACT: Jeff Otter

SAMPLER(S): (SIGNATURE)

P.O. NO.:

QUOTE NO.:

LAB USE ONLY: 12-1403

TURNAROUND TIME

☐ SAME DAY ☐ 24 HR ☐ 48HR ☐ 72 HR ☒ Normal

SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY)

☐ RWQCB REPORTING ☐ ARCHIVE SAMPLES UNTIL ___/___/___

SPECIAL INSTRUCTIONS

REQUESTED ANALYSIS

LAB USE ONLY	SAMPLE ID	LOCATION/ DESCRIPTION	SAMPLING DATE	SAMPLING TIME	Matrix	#Cont	8260B (Full Scan & Oxygenates)	8015M (TPH-g)	8015M (TPH-D)	Ferrous Iron	Sulfate	Nitrate	Nitrite	Methane	8270M (1,4-Dioxane)
	~~TB (12/21/06)~~	Trip Blank	Lab Prepared		H_2O	3	X	10wk 12/21/06							
	~~MW-2~~	~~Standard Sample~~			H_2O	8	X	X							
	~~MW-3~~	~~Standard Sample~~			H2O	11	X	X	X	X	X	X	X	X	
	~~MW-7~~	~~Standard Sample~~			H2O	8	X	X	X						
	MW-8A	Standard Sample	12/21/06	1055	H2O	89	X	X		X	X	X	X	X	
	~~MW-9A~~	~~Standard Sample~~			H2O	8	X	X	X						
	~~MW-9B~~	~~Standard Sample~~			H2O	8	X	X	X						
	~~MW-10A~~	~~Standard Sample~~			H2O	11	X	X	X	X	X	X	X	X	
	~~MW-10B~~	Standard Sample			H2O	11	X	X	X	X	X	X	X	X	
	DUP-1 MW-13B(NP)	Field Duplicate	12/21/06	—	H2O	83	X								

Relinquished by: (Signature)	Received by: (Signature)	Date: 12-21-06	Time: 1552
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature)	Date	Time.

Calscience Environmental Laboratories, Inc.
7440 LINCOLN WAY
GARDEN GROVE, CA 92841-1432
TEL: (714) 895-5494 . FAX: (714) 894-7501

CHAIN OF CUSTODY RECORD

DATE:

LABORATORY CLIENT: ENSR
ADDRESS: 999 West Town and Country Road, 4th Floor
CITY: Orange, CA 92868
TEL: 714-973-9740 | FAX: 714-973-9750 | E-MAIL: jotter@ensr.aecom.com

CLIENT PROJECT NAME / NUMBER: AmeriPride 10770-003-300
PROJECT CONTACT: Jeff Otter
SAMPLER(S): (SIGNATURE)
P.O. NO.:
QUOTE NO.:
LAB USE ONLY: 120-1403

TURNAROUND TIME
☐ SAME DAY ☐ 24 HR ☐ 48HR ☐ 72 HR ☒ Normal

SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY)
☐ RWQCB REPORTING ☐ ARCHIVE SAMPLES UNTIL ____/____/____

SPECIAL INSTRUCTIONS

REQUESTED ANALYSIS

LAB USE ONLY	SAMPLE ID	LOCATION/ DESCRIPTION	SAMPLING DATE	SAMPLING TIME	Matrix	#Cont	8260B (Full Scan & Oxygenates)	8015M (TPH-g)	8015M (TPH-D)	Ferrous Iron	Sulfate	Nitrate	Nitrite	Methane	8270M (1,4-Dioxane)
	TB-(12/21/06)	Trip Blank	Lab Prepared		H_2O	3	X								
	~~MW-2~~	~~Standard Sample~~			~~H_2O~~	~~8~~	~~X~~	~~X~~							
	~~MW-3~~	~~Standard Sample~~			~~H2O~~	~~11~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	
	~~MW-7~~	~~Standard Sample~~			~~H2O~~	~~8~~	~~X~~	~~X~~	~~X~~						
	MW-8A	Standard Sample	12/21/06	1055	H2O	9	X	X		X	X	X	X	X	
	~~MW-9A~~	~~Standard Sample~~			~~H2O~~	~~8~~	~~X~~	~~X~~	~~X~~						
	~~MW-9B~~	~~Standard Sample~~			~~H2O~~	~~8~~	~~X~~	~~X~~	~~X~~						
	~~MW-10A~~	~~Standard Sample~~			~~H2O~~	~~11~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	
	~~MW-10B~~	~~Standard Sample~~			~~H2O~~	~~11~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	
	DUP-1 MW-13B(NP)	Field Duplicate	12/21/06	—	H2O	2	X								

Relinquished by: (Signature)	Received by: (Signature)	Date: 12-21-06	Time: 1552
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

Calscience Environmental Laboratories, Inc.
7440 LINCOLN WAY
GARDEN GROVE, CA 92841-1432
TEL: (714) 895-5494 . FAX: (714) 894-7501

CHAIN OF CUSTODY RECORD

DATE:

PAGE: 2 OF 2

LABORATORY CLIENT: ENSR
ADDRESS: 999 West Town and Country Road, 4th Floor
CITY: Orange, CA 92868
TEL: 714-973-9740 FAX: 714-973-9750 E-MAIL: jotter@ensr.aecom.com

CLIENT PROJECT NAME / NUMBER: AmeriPride 10770-003-300
PROJECT CONTACT: Jeff Otter
SAMPLER(S): (SIGNATURE)
P.O. NO.:
QUOTE NO.:
LAB USE ONLY: 12-1403

TURNAROUND TIME
☐ SAME DAY ☐ 24 HR ☐ 48HR ☐ 72 HR ☒ Normal

SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY)
☐ RWQCB REPORTING ☐ ARCHIVE SAMPLES UNTIL ___/___/___

SPECIAL INSTRUCTIONS

REQUESTED ANALYSIS

LAB USE ONLY	SAMPLE ID	LOCATION/ DESCRIPTION	SAMPLING DATE	SAMPLING TIME	Matrix	#Cont	8260B (Full Scan & Oxygenates)	8015M (TPH-g)	8015M (TPH-D)	Ferrous Iron	Sulfate	Nitrate	Nitrite	Methane	8270M (1,4-Dioxane)
	MW-13A	Standard Sample	12/21/06	1110	H_2O	11	X	X		X	X	X	X	X	
	MW-13B	Standard Sample		1200	H_2O	11	X	X		X	X	X	X	X	
	MW-14	Standard Sample		1325	H2O	8	X	X							
	MW-15	Standard Sample		1415	H2O	11	X	X		X	X	X	X	X	
	~~MW-16A~~	~~Standard Sample~~			~~H2O~~	~~11~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	
	~~MW-16B~~	~~Standard Sample~~			~~H2O~~	~~11~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	
	~~MW-16C~~	~~Standard Sample~~			~~H2O~~	~~11~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	
	~~K-1~~	~~Standard Sample~~			~~H2O~~	~~8~~	~~X~~	~~X~~	~~X~~						
	~~K-2~~	Standard Sample			~~H2O~~	8	~~X~~	~~X~~							
	~~DUP-2~~	Field Duplicate			~~H_2O~~	~~11~~	~~X~~								

Relinquished by: (Signature)	Received by: (Signature)	Date: 12-21-06	Time: 1552
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 06-12-1403

Cooler 1 **of** 1

SAMPLE RECEIPT FORM

CLIENT: ENSR **DATE:** 12-21-06

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

_____ Chilled, cooler with temperature blank provided.
_____ Chilled, cooler without temperature blank.
_____ Chilled and placed in cooler with wet ice.
_____ Ambient and placed in cooler with wet ice.
_____ Ambient temperature.

_____ °C Temperature blank.

LABORATORY (Other than Calscience Courier):

3.1 °C Temperature blank.
_____ °C IR thermometer.
_____ Ambient temperature.

Initial: WB

CUSTODY SEAL INTACT:

Sample(s): _____ Cooler: _____ No (Not Intact) : _____ Not Applicable (N/A): ✓

Initial: WB

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples	✓		
Sampler's name indicated on COC		✓	
Sample container label(s) consistent with custody papers	✓	✓	
Sample container(s) intact and good condition	✓		
Correct containers and volume for analyses requested	✓		
Proper preservation noted on sample label(s)	✓		
VOA vial(s) free of headspace.	✓		
Tedlar bag(s) free of condensation			✓

Initial: WB

COMMENTS:

Sample (#1) 3 vial Trip blank didn't received CLN 12/21/06

Calscience
Environmental
Laboratories, Inc.

January 03, 2007

Jeff Otter
ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Subject: **Calscience Work Order No.: 06-12-1504**
Client Reference: AmeriPride 10770-003-300

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 12/22/2006 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of subcontracted analysis, if any, is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

Cecile deGuia

Calscience Environmental
Laboratories, Inc.
Cecile deGuia
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International		Date Received:	12/22/06
999 W. Town and Country Rd, 4th		Work Order No:	06-12-1504
Orange, CA 92868-4713		Preparation:	N/A
		Method:	RSK-175M

Project: AmeriPride 10770-003-300

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-10A	**06-12-1504-6**	**12/22/06**	**Aqueous**	**N/A**	**12/23/06**	**061223L01**

Parameter	Result	RL	MDL	DF	Qual	Units
Methane	90.1	1.0	0.00784	1		ug/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-10B	**06-12-1504-7**	**12/22/06**	**Aqueous**	**N/A**	**12/23/06**	**061223L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
Methane	0.0600	1.0000	0.00784	1	J	ug/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-12-010-1,612**	**N/A**	**Aqueous**	**N/A**	**12/23/06**	**061223L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
Methane	ND	1.00	0.00784	1		ug/L

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received:	12/22/06
Work Order No:	06-12-1504
Preparation:	N/A
Method:	EPA 300.0
Units:	mg/L

Project: AmeriPride 10770-003-300

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-10A	**06-12-1504-6**	**12/22/06**	**Aqueous**	**N/A**	**12/22/06**	**061222L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Nitrite (as N)	ND	0.10	0.015	1		Sulfate	260	100	6.9	100	
Nitrate (as N)	1.7	0.1	0.028	1							

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-10B	**06-12-1504-7**	**12/22/06**	**Aqueous**	**N/A**	**12/22/06**	**061222L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Nitrite (as N)	ND	0.10	0.015	1		Sulfate	210	100	6.9	100	
Nitrate (as N)	0.86	0.10	0.028	1							

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-05-118-3,721**	**N/A**	**Aqueous**	**N/A**	**12/22/06**	**061222L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Nitrite (as N)	ND	0.10	0.015	1		Sulfate	ND	1.0	0.069	1	
Nitrate (as N)	ND	0.10	0.028	1							

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International		Date Received:	12/22/06
999 W. Town and Country Rd, 4th		Work Order No:	06-12-1504
Orange, CA 92868-4713		Preparation:	N/A
		Method:	SM3500-FeD

Project: AmeriPride 10770-003-300 Page 1 of 1

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-10A	**06-12-1504-6**	**12/22/06**	**Aqueous**	**12/22/06**	**12/22/06**	**61222FEL1**

Parameter	Result	RL	DF	Qual	Units
Iron (II)	ND	0.10	1		mg/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-10B	**06-12-1504-7**	**12/22/06**	**Aqueous**	**12/22/06**	**12/22/06**	**61222FEL1**

Parameter	Result	RL	DF	Qual	Units
Iron (II)	ND	0.10	1		mg/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-05-111-2,418**	**N/A**	**Aqueous**	**12/22/06**	**12/22/06**	**61222FEL1**

Parameter	Result	RL	DF	Qual	Units
Iron (II)	ND	0.10	1		mg/L

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/22/06
Work Order No: 06-12-1504
Preparation: EPA 3510C
Method: EPA 8015B (M)

Project: AmeriPride 10770-003-300

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-7	**06-12-1504-3**	**12/22/06**	**Aqueous**	**12/28/06**	**12/28/06**	**061228B02**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Diesel	ND	500	480	1		ug/L
Surrogates:	REC (%)	Control Limits			Qual	
Decachlorobiphenyl	109	68-140				

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-9A	**06-12-1504-4**	**12/22/06**	**Aqueous**	**12/28/06**	**12/28/06**	**061228B02**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Diesel	ND	500	480	1		ug/L
Surrogates:	REC (%)	Control Limits			Qual	
Decachlorobiphenyl	112	68-140				

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-9B	**06-12-1504-5**	**12/22/06**	**Aqueous**	**12/28/06**	**12/28/06**	**061228B02**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Diesel	ND	500	480	1		ug/L
Surrogates:	REC (%)	Control Limits			Qual	
Decachlorobiphenyl	112	68-140				

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-10A	**06-12-1504-6**	**12/22/06**	**Aqueous**	**12/28/06**	**12/28/06**	**061228B02**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

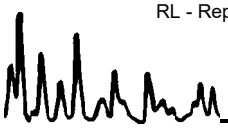
Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Diesel	ND	500	480	1		ug/L
Surrogates:	REC (%)	Control Limits			Qual	
Decachlorobiphenyl	102	68-140				

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-10B	**06-12-1504-7**	**12/22/06**	**Aqueous**	**12/28/06**	**12/28/06**	**061228B02**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Diesel	ND	500	480	1		ug/L
Surrogates:	REC (%)	Control Limits			Qual	
Decachlorobiphenyl	107	68-140				

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Calscience Environmental Laboratories, Inc.

Analytical Report

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/22/06
Work Order No: 06-12-1504
Preparation: EPA 3510C
Method: EPA 8015B (M)

Project: AmeriPride 10770-003-300

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
K-1	**06-12-1504-8**	**12/22/06**	**Aqueous**	**12/28/06**	**12/28/06**	**061228B02**

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Diesel	4200	500	480	1		ug/L
Surrogates:	REC (%)	Control Limits			Qual	
Decachlorobiphenyl	111	68-140				

Method Blank	099-12-308-124	N/A	Aqueous	12/28/06	12/28/06	061228B02

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Diesel	ND	500	480	1		ug/L
Surrogates:	REC (%)	Control Limits			Qual	
Decachlorobiphenyl	103	68-140				

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/22/06
Work Order No: 06-12-1504
Preparation: EPA 5030B
Method: EPA 8015B (M)

Project: AmeriPride 10770-003-300

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-2	**06-12-1504-2**	**12/22/06**	**Aqueous**	**12/23/06**	**12/23/06**	**061223B01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	ND	50	48	1		ug/L
Surrogates:	**REC (%)**	**Control Limits**			**Qual**	
1,4-Bromofluorobenzene	92	38-134				

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-7	**06-12-1504-3**	**12/22/06**	**Aqueous**	**12/23/06**	**12/23/06**	**061223B01**

Comment(s): -The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	83	50	48	1		ug/L
Surrogates:	**REC (%)**	**Control Limits**			**Qual**	
1,4-Bromofluorobenzene	86	38-134				

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-9A	**06-12-1504-4**	**12/22/06**	**Aqueous**	**12/23/06**	**12/23/06**	**061223B01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	ND	50	48	1		ug/L
Surrogates:	**REC (%)**	**Control Limits**			**Qual**	
1,4-Bromofluorobenzene	91	38-134				

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-9B	**06-12-1504-5**	**12/22/06**	**Aqueous**	**12/23/06**	**12/23/06**	**061223B01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	ND	50	48	1		ug/L
Surrogates:	**REC (%)**	**Control Limits**			**Qual**	
1,4-Bromofluorobenzene	83	38-134				

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/22/06
Work Order No: 06-12-1504
Preparation: EPA 5030B
Method: EPA 8015B (M)

Project: AmeriPride 10770-003-300

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-10A	**06-12-1504-6**	**12/22/06**	**Aqueous**	**12/23/06**	**12/23/06**	**061223B01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	ND	50	48	1		ug/L
Surrogates:	**REC (%)**	**Control Limits**			**Qual**	
1,4-Bromofluorobenzene	93	38-134				

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-10B	**06-12-1504-7**	**12/22/06**	**Aqueous**	**12/23/06**	**12/23/06**	**061223B01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	ND	50	48	1		ug/L
Surrogates:	**REC (%)**	**Control Limits**			**Qual**	
1,4-Bromofluorobenzene	84	38-134				

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
K-1	**06-12-1504-8**	**12/22/06**	**Aqueous**	**12/23/06**	**12/23/06**	**061223B01**

Comment(s): -The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard.
Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	310	50	48	1		ug/L
Surrogates:	**REC (%)**	**Control Limits**			**Qual**	
1,4-Bromofluorobenzene	100	38-134				

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
K-2	**06-12-1504-9**	**12/22/06**	**Aqueous**	**12/23/06**	**12/23/06**	**061223B01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	ND	50	48	1		ug/L
Surrogates:	**REC (%)**	**Control Limits**			**Qual**	
1,4-Bromofluorobenzene	87	38-134				

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/22/06
Work Order No: 06-12-1504
Preparation: EPA 5030B
Method: EPA 8015B (M)

Project: AmeriPride 10770-003-300

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-12-436-105**	**N/A**	**Aqueous**	**12/23/06**	**12/23/06**	**061223B01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	ND	50	48	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	83	38-134	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/22/06
Work Order No: 06-12-1504
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: AmeriPride 10770-003-300

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TB-12/22/06	**06-12-1504-1**	**12/22/06**	**Aqueous**	**12/27/06**	**12/27/06**	**061227L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	50	7.0	1		c-1,3-Dichloropropene	ND	0.50	0.28	1	
Benzene	ND	0.50	0.19	1		t-1,3-Dichloropropene	ND	0.50	0.26	1	
Bromobenzene	ND	1.0	0.26	1		Ethylbenzene	ND	1.0	0.13	1	
Bromochloromethane	ND	1.0	0.88	1		2-Hexanone	ND	10	3.4	1	
Bromodichloromethane	ND	1.0	0.21	1		Isopropylbenzene	ND	1.0	0.10	1	
Bromoform	ND	1.0	0.87	1		p-Isopropyltoluene	ND	1.0	0.14	1	
Bromomethane	ND	10	3.5	1		Methylene Chloride	ND	10	9.7	1	
2-Butanone	ND	10	8.0	1		4-Methyl-2-Pentanone	ND	10	2.0	1	
n-Butylbenzene	ND	1.0	0.25	1		Naphthalene	ND	10	0.42	1	
sec-Butylbenzene	ND	1.0	0.29	1		n-Propylbenzene	ND	1.0	0.12	1	
tert-Butylbenzene	ND	1.0	0.19	1		Styrene	ND	1.0	0.16	1	
Carbon Disulfide	ND	10	1.8	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.44	1	
Carbon Tetrachloride	ND	0.50	0.29	1		1,1,2,2-Tetrachloroethane	ND	1.0	0.45	1	
Chlorobenzene	ND	1.0	0.16	1		Tetrachloroethene	ND	1.0	0.30	1	
Chloroethane	ND	1.0	0.70	1		Toluene	ND	1.0	0.23	1	
Chloroform	ND	1.0	0.29	1		1,2,3-Trichlorobenzene	ND	1.0	0.26	1	
Chloromethane	ND	10	2.1	1		1,2,4-Trichlorobenzene	ND	1.0	0.29	1	
2-Chlorotoluene	ND	1.0	0.16	1		1,1,1-Trichloroethane	ND	1.0	0.35	1	
4-Chlorotoluene	ND	1.0	0.18	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.61	1	
Dibromochloromethane	ND	1.0	0.39	1		1,1,2-Trichloroethane	ND	1.0	0.79	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	3.1	1		Trichloroethene	ND	1.0	0.31	1	
1,2-Dibromoethane	ND	1.0	0.41	1		Trichlorofluoromethane	ND	10	0.83	1	
Dibromomethane	ND	1.0	0.82	1		1,2,3-Trichloropropane	ND	5.0	2.8	1	
1,2-Dichlorobenzene	ND	1.0	0.15	1		1,2,4-Trimethylbenzene	ND	1.0	0.13	1	
1,3-Dichlorobenzene	ND	1.0	0.15	1		1,3,5-Trimethylbenzene	ND	1.0	0.86	1	
1,4-Dichlorobenzene	ND	1.0	0.17	1		Vinyl Acetate	ND	10	6.4	1	
Dichlorodifluoromethane	ND	1.0	0.33	1		Vinyl Chloride	ND	0.50	0.24	1	
1,1-Dichloroethane	ND	1.0	0.25	1		p/m-Xylene	ND	1.0	0.27	1	
1,2-Dichloroethane	ND	0.50	0.25	1		o-Xylene	ND	1.0	0.17	1	
1,1-Dichloroethene	ND	1.0	0.26	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.23	1	
c-1,2-Dichloroethene	ND	1.0	0.63	1		Tert-Butyl Alcohol (TBA)	ND	10	9.2	1	
t-1,2-Dichloroethene	ND	1.0	0.83	1		Diisopropyl Ether (DIPE)	ND	2.0	0.39	1	
1,2-Dichloropropane	ND	1.0	0.55	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	0.46	1	
1,3-Dichloropropane	ND	1.0	0.28	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	0.50	1	
2,2-Dichloropropane	ND	1.0	0.29	1		Ethanol	ND	100	70	1	
1,1-Dichloropropene	ND	1.0	0.62	1							

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	106	74-140		1,2-Dichloroethane-d4	105	74-146	
Toluene-d8	101	88-112		1,4-Bromofluorobenzene	89	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/22/06
Work Order No: 06-12-1504
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: AmeriPride 10770-003-300

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-2	**06-12-1504-2**	**12/22/06**	**Aqueous**	**12/27/06**	**12/27/06**	**061227L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	50	7.0	1		c-1,3-Dichloropropene	ND	0.50	0.28	1	
Benzene	ND	0.50	0.19	1		t-1,3-Dichloropropene	ND	0.50	0.26	1	
Bromobenzene	ND	1.0	0.26	1		Ethylbenzene	ND	1.0	0.13	1	
Bromochloromethane	ND	1.0	0.88	1		2-Hexanone	ND	10	3.4	1	
Bromodichloromethane	ND	1.0	0.21	1		Isopropylbenzene	ND	1.0	0.10	1	
Bromoform	ND	1.0	0.87	1		p-Isopropyltoluene	ND	1.0	0.14	1	
Bromomethane	ND	10	3.5	1		Methylene Chloride	ND	10	9.7	1	
2-Butanone	ND	10	8.0	1		4-Methyl-2-Pentanone	ND	10	2.0	1	
n-Butylbenzene	ND	1.0	0.25	1		Naphthalene	ND	10	0.42	1	
sec-Butylbenzene	ND	1.0	0.29	1		n-Propylbenzene	ND	1.0	0.12	1	
tert-Butylbenzene	ND	1.0	0.19	1		Styrene	ND	1.0	0.16	1	
Carbon Disulfide	ND	10	1.8	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.44	1	
Carbon Tetrachloride	ND	0.50	0.29	1		1,1,2,2-Tetrachloroethane	ND	1.0	0.45	1	
Chlorobenzene	ND	1.0	0.16	1		Tetrachloroethene	0.97	1.00	0.30	1	J
Chloroethane	ND	1.0	0.70	1		Toluene	ND	1.0	0.23	1	
Chloroform	0.47	1.00	0.29	1	J	1,2,3-Trichlorobenzene	ND	1.0	0.26	1	
Chloromethane	ND	10	2.1	1		1,2,4-Trichlorobenzene	ND	1.0	0.29	1	
2-Chlorotoluene	ND	1.0	0.16	1		1,1,1-Trichloroethane	ND	1.0	0.35	1	
4-Chlorotoluene	ND	1.0	0.18	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.61	1	
Dibromochloromethane	ND	1.0	0.39	1		1,1,2-Trichloroethane	ND	1.0	0.79	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	3.1	1		Trichloroethene	ND	1.0	0.31	1	
1,2-Dibromoethane	ND	1.0	0.41	1		Trichlorofluoromethane	ND	10	0.83	1	
Dibromomethane	ND	1.0	0.82	1		1,2,3-Trichloropropane	ND	5.0	2.8	1	
1,2-Dichlorobenzene	ND	1.0	0.15	1		1,2,4-Trimethylbenzene	ND	1.0	0.13	1	
1,3-Dichlorobenzene	ND	1.0	0.15	1		1,3,5-Trimethylbenzene	ND	1.0	0.86	1	
1,4-Dichlorobenzene	ND	1.0	0.17	1		Vinyl Acetate	ND	10	6.4	1	
Dichlorodifluoromethane	ND	1.0	0.33	1		Vinyl Chloride	ND	0.50	0.24	1	
1,1-Dichloroethane	ND	1.0	0.25	1		p/m-Xylene	ND	1.0	0.27	1	
1,2-Dichloroethane	ND	0.50	0.25	1		o-Xylene	ND	1.0	0.17	1	
1,1-Dichloroethene	ND	1.0	0.26	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.23	1	
c-1,2-Dichloroethene	ND	1.0	0.63	1		Tert-Butyl Alcohol (TBA)	ND	10	9.2	1	
t-1,2-Dichloroethene	ND	1.0	0.83	1		Diisopropyl Ether (DIPE)	ND	2.0	0.39	1	
1,2-Dichloropropane	ND	1.0	0.55	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	0.46	1	
1,3-Dichloropropane	ND	1.0	0.28	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	0.50	1	
2,2-Dichloropropane	ND	1.0	0.29	1		Ethanol	ND	100	70	1	
1,1-Dichloropropene	ND	1.0	0.62	1							

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	109	74-140		1,2-Dichloroethane-d4	109	74-146	
Toluene-d8	100	88-112		1,4-Bromofluorobenzene	91	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/22/06
Work Order No: 06-12-1504
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: AmeriPride 10770-003-300

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-7	**06-12-1504-3**	**12/22/06**	**Aqueous**	**12/28/06**	**12/29/06**	**061228L02**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	50	7.0	1		c-1,3-Dichloropropene	ND	0.50	0.28	1	
Benzene	ND	0.50	0.19	1		t-1,3-Dichloropropene	ND	0.50	0.26	1	
Bromobenzene	ND	1.0	0.26	1		Ethylbenzene	ND	1.0	0.13	1	
Bromochloromethane	ND	1.0	0.88	1		2-Hexanone	ND	10	3.4	1	
Bromodichloromethane	ND	1.0	0.21	1		Isopropylbenzene	ND	1.0	0.10	1	
Bromoform	ND	1.0	0.87	1		p-Isopropyltoluene	ND	1.0	0.14	1	
Bromomethane	ND	10	3.5	1		Methylene Chloride	ND	10	9.7	1	
2-Butanone	ND	10	8.0	1		4-Methyl-2-Pentanone	ND	10	2.0	1	
n-Butylbenzene	ND	1.0	0.25	1		Naphthalene	ND	10	0.42	1	
sec-Butylbenzene	ND	1.0	0.29	1		n-Propylbenzene	ND	1.0	0.12	1	
tert-Butylbenzene	ND	1.0	0.19	1		Styrene	ND	1.0	0.16	1	
Carbon Disulfide	ND	10	1.8	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.44	1	
Carbon Tetrachloride	ND	0.50	0.29	1		1,1,2,2-Tetrachloroethane	ND	1.0	0.45	1	
Chlorobenzene	ND	1.0	0.16	1		Tetrachloroethene	14	1	0.30	1	
Chloroethane	ND	1.0	0.70	1		Toluene	ND	1.0	0.23	1	
Chloroform	0.45	1.00	0.29	1	J	1,2,3-Trichlorobenzene	ND	1.0	0.26	1	
Chloromethane	ND	10	2.1	1		1,2,4-Trichlorobenzene	ND	1.0	0.29	1	
2-Chlorotoluene	ND	1.0	0.16	1		1,1,1-Trichloroethane	ND	1.0	0.35	1	
4-Chlorotoluene	ND	1.0	0.18	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.61	1	
Dibromochloromethane	ND	1.0	0.39	1		1,1,2-Trichloroethane	ND	1.0	0.79	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	3.1	1		Trichloroethene	14	1	0.31	1	
1,2-Dibromoethane	ND	1.0	0.41	1		Trichlorofluoromethane	ND	10	0.83	1	
Dibromomethane	ND	1.0	0.82	1		1,2,3-Trichloropropane	ND	5.0	2.8	1	
1,2-Dichlorobenzene	0.21	1.00	0.15	1	J	1,2,4-Trimethylbenzene	ND	1.0	0.13	1	
1,3-Dichlorobenzene	ND	1.0	0.15	1		1,3,5-Trimethylbenzene	ND	1.0	0.86	1	
1,4-Dichlorobenzene	ND	1.0	0.17	1		Vinyl Acetate	ND	10	6.4	1	
Dichlorodifluoromethane	ND	1.0	0.33	1		Vinyl Chloride	2.7	0.5	0.24	1	
1,1-Dichloroethane	ND	1.0	0.25	1		p/m-Xylene	ND	1.0	0.27	1	
1,2-Dichloroethane	ND	0.50	0.25	1		o-Xylene	ND	1.0	0.17	1	
1,1-Dichloroethene	ND	1.0	0.26	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.23	1	
c-1,2-Dichloroethene	31	1	0.63	1		Tert-Butyl Alcohol (TBA)	ND	10	9.2	1	
t-1,2-Dichloroethene	1.6	1.0	0.83	1		Diisopropyl Ether (DIPE)	ND	2.0	0.39	1	
1,2-Dichloropropane	ND	1.0	0.55	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	0.46	1	
1,3-Dichloropropane	ND	1.0	0.28	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	0.50	1	
2,2-Dichloropropane	ND	1.0	0.29	1		Ethanol	ND	100	70	1	
1,1-Dichloropropene	ND	1.0	0.62	1							

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	110	74-140		1,2-Dichloroethane-d4	111	74-146	
Toluene-d8	99	88-112		1,4-Bromofluorobenzene	93	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/22/06
Work Order No: 06-12-1504
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: AmeriPride 10770-003-300

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-9A	**06-12-1504-4**	**12/22/06**	**Aqueous**	**12/27/06**	**12/27/06**	**061227L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	50	7.0	1		c-1,3-Dichloropropene	ND	0.50	0.28	1	
Benzene	ND	0.50	0.19	1		t-1,3-Dichloropropene	ND	0.50	0.26	1	
Bromobenzene	ND	1.0	0.26	1		Ethylbenzene	ND	1.0	0.13	1	
Bromochloromethane	ND	1.0	0.88	1		2-Hexanone	ND	10	3.4	1	
Bromodichloromethane	ND	1.0	0.21	1		Isopropylbenzene	ND	1.0	0.10	1	
Bromoform	ND	1.0	0.87	1		p-Isopropyltoluene	ND	1.0	0.14	1	
Bromomethane	ND	10	3.5	1		Methylene Chloride	ND	10	9.7	1	
2-Butanone	ND	10	8.0	1		4-Methyl-2-Pentanone	ND	10	2.0	1	
n-Butylbenzene	ND	1.0	0.25	1		Naphthalene	ND	10	0.42	1	
sec-Butylbenzene	ND	1.0	0.29	1		n-Propylbenzene	ND	1.0	0.12	1	
tert-Butylbenzene	ND	1.0	0.19	1		Styrene	ND	1.0	0.16	1	
Carbon Disulfide	ND	10	1.8	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.44	1	
Carbon Tetrachloride	ND	0.50	0.29	1		1,1,2,2-Tetrachloroethane	ND	1.0	0.45	1	
Chlorobenzene	ND	1.0	0.16	1		Tetrachloroethene	11	1	0.30	1	
Chloroethane	ND	1.0	0.70	1		Toluene	ND	1.0	0.23	1	
Chloroform	0.54	1.00	0.29	1	J	1,2,3-Trichlorobenzene	ND	1.0	0.26	1	
Chloromethane	ND	10	2.1	1		1,2,4-Trichlorobenzene	ND	1.0	0.29	1	
2-Chlorotoluene	ND	1.0	0.16	1		1,1,1-Trichloroethane	ND	1.0	0.35	1	
4-Chlorotoluene	ND	1.0	0.18	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.61	1	
Dibromochloromethane	ND	1.0	0.39	1		1,1,2-Trichloroethane	ND	1.0	0.79	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	3.1	1		Trichloroethene	11	1	0.31	1	
1,2-Dibromoethane	ND	1.0	0.41	1		Trichlorofluoromethane	ND	10	0.83	1	
Dibromomethane	ND	1.0	0.82	1		1,2,3-Trichloropropane	ND	5.0	2.8	1	
1,2-Dichlorobenzene	ND	1.0	0.15	1		1,2,4-Trimethylbenzene	ND	1.0	0.13	1	
1,3-Dichlorobenzene	ND	1.0	0.15	1		1,3,5-Trimethylbenzene	ND	1.0	0.86	1	
1,4-Dichlorobenzene	ND	1.0	0.17	1		Vinyl Acetate	ND	10	6.4	1	
Dichlorodifluoromethane	ND	1.0	0.33	1		Vinyl Chloride	ND	0.50	0.24	1	
1,1-Dichloroethane	ND	1.0	0.25	1		p/m-Xylene	ND	1.0	0.27	1	
1,2-Dichloroethane	ND	0.50	0.25	1		o-Xylene	ND	1.0	0.17	1	
1,1-Dichloroethene	ND	1.0	0.26	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.23	1	
c-1,2-Dichloroethene	58	1	0.63	1		Tert-Butyl Alcohol (TBA)	ND	10	9.2	1	
t-1,2-Dichloroethene	1.3	1.0	0.83	1		Diisopropyl Ether (DIPE)	ND	2.0	0.39	1	
1,2-Dichloropropane	ND	1.0	0.55	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	0.46	1	
1,3-Dichloropropane	ND	1.0	0.28	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	0.50	1	
2,2-Dichloropropane	ND	1.0	0.29	1		Ethanol	ND	100	70	1	
1,1-Dichloropropene	ND	1.0	0.62	1							

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	122	74-140		1,2-Dichloroethane-d4	120	74-146	
Toluene-d8	101	88-112		1,4-Bromofluorobenzene	83	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/22/06
Work Order No: 06-12-1504
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: AmeriPride 10770-003-300

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-9B	**06-12-1504-5**	**12/22/06**	**Aqueous**	**12/27/06**	**12/27/06**	**061227L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	50	7.0	1		c-1,3-Dichloropropene	ND	0.50	0.28	1	
Benzene	ND	0.50	0.19	1		t-1,3-Dichloropropene	ND	0.50	0.26	1	
Bromobenzene	ND	1.0	0.26	1		Ethylbenzene	ND	1.0	0.13	1	
Bromochloromethane	ND	1.0	0.88	1		2-Hexanone	ND	10	3.4	1	
Bromodichloromethane	ND	1.0	0.21	1		Isopropylbenzene	ND	1.0	0.10	1	
Bromoform	ND	1.0	0.87	1		p-Isopropyltoluene	ND	1.0	0.14	1	
Bromomethane	ND	10	3.5	1		Methylene Chloride	ND	10	9.7	1	
2-Butanone	ND	10	8.0	1		4-Methyl-2-Pentanone	ND	10	2.0	1	
n-Butylbenzene	ND	1.0	0.25	1		Naphthalene	ND	10	0.42	1	
sec-Butylbenzene	ND	1.0	0.29	1		n-Propylbenzene	ND	1.0	0.12	1	
tert-Butylbenzene	ND	1.0	0.19	1		Styrene	ND	1.0	0.16	1	
Carbon Disulfide	ND	10	1.8	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.44	1	
Carbon Tetrachloride	ND	0.50	0.29	1		1,1,2,2-Tetrachloroethane	ND	1.0	0.45	1	
Chlorobenzene	ND	1.0	0.16	1		Tetrachloroethene	1.9	1.0	0.30	1	
Chloroethane	ND	1.0	0.70	1		Toluene	ND	1.0	0.23	1	
Chloroform	ND	1.0	0.29	1		1,2,3-Trichlorobenzene	ND	1.0	0.26	1	
Chloromethane	ND	10	2.1	1		1,2,4-Trichlorobenzene	ND	1.0	0.29	1	
2-Chlorotoluene	ND	1.0	0.16	1		1,1,1-Trichloroethane	ND	1.0	0.35	1	
4-Chlorotoluene	ND	1.0	0.18	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.61	1	
Dibromochloromethane	ND	1.0	0.39	1		1,1,2-Trichloroethane	ND	1.0	0.79	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	3.1	1		Trichloroethene	ND	1.0	0.31	1	
1,2-Dibromoethane	ND	1.0	0.41	1		Trichlorofluoromethane	ND	10	0.83	1	
Dibromomethane	ND	1.0	0.82	1		1,2,3-Trichloropropane	ND	5.0	2.8	1	
1,2-Dichlorobenzene	ND	1.0	0.15	1		1,2,4-Trimethylbenzene	ND	1.0	0.13	1	
1,3-Dichlorobenzene	ND	1.0	0.15	1		1,3,5-Trimethylbenzene	ND	1.0	0.86	1	
1,4-Dichlorobenzene	ND	1.0	0.17	1		Vinyl Acetate	ND	10	6.4	1	
Dichlorodifluoromethane	ND	1.0	0.33	1		Vinyl Chloride	ND	0.50	0.24	1	
1,1-Dichloroethane	ND	1.0	0.25	1		p/m-Xylene	ND	1.0	0.27	1	
1,2-Dichloroethane	ND	0.50	0.25	1		o-Xylene	ND	1.0	0.17	1	
1,1-Dichloroethene	ND	1.0	0.26	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.23	1	
c-1,2-Dichloroethene	ND	1.0	0.63	1		Tert-Butyl Alcohol (TBA)	ND	10	9.2	1	
t-1,2-Dichloroethene	ND	1.0	0.83	1		Diisopropyl Ether (DIPE)	ND	2.0	0.39	1	
1,2-Dichloropropane	ND	1.0	0.55	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	0.46	1	
1,3-Dichloropropane	ND	1.0	0.28	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	0.50	1	
2,2-Dichloropropane	ND	1.0	0.29	1		Ethanol	ND	100	70	1	
1,1-Dichloropropene	ND	1.0	0.62	1							

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	111	74-140		1,2-Dichloroethane-d4	111	74-146	
Toluene-d8	101	88-112		1,4-Bromofluorobenzene	90	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/22/06
Work Order No: 06-12-1504
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: AmeriPride 10770-003-300

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-10A	**06-12-1504-6**	**12/22/06**	**Aqueous**	**12/27/06**	**12/27/06**	**061227L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	100	14	2		c-1,3-Dichloropropene	ND	1.0	0.57	2	
Benzene	ND	1.0	0.38	2		t-1,3-Dichloropropene	ND	1.0	0.51	2	
Bromobenzene	ND	2.0	0.51	2		Ethylbenzene	ND	2.0	0.27	2	
Bromochloromethane	ND	2.0	1.8	2		2-Hexanone	ND	20	6.8	2	
Bromodichloromethane	ND	2.0	0.43	2		Isopropylbenzene	ND	2.0	0.20	2	
Bromoform	ND	2.0	1.7	2		p-Isopropyltoluene	ND	2.0	0.27	2	
Bromomethane	ND	20	7.0	2		Methylene Chloride	ND	20	19	2	
2-Butanone	ND	20	16	2		4-Methyl-2-Pentanone	ND	20	4.1	2	
n-Butylbenzene	ND	2.0	0.49	2		Naphthalene	ND	20	0.84	2	
sec-Butylbenzene	ND	2.0	0.59	2		n-Propylbenzene	ND	2.0	0.25	2	
tert-Butylbenzene	ND	2.0	0.37	2		Styrene	ND	2.0	0.31	2	
Carbon Disulfide	ND	20	3.7	2		1,1,1,2-Tetrachloroethane	ND	2.0	0.89	2	
Carbon Tetrachloride	ND	1.0	0.59	2		1,1,2,2-Tetrachloroethane	ND	2.0	0.90	2	
Chlorobenzene	ND	2.0	0.33	2		Tetrachloroethene	13	2	0.60	2	
Chloroethane	ND	2.0	1.4	2		Toluene	ND	2.0	0.45	2	
Chloroform	ND	2.0	0.59	2		1,2,3-Trichlorobenzene	ND	2.0	0.52	2	
Chloromethane	ND	20	4.1	2		1,2,4-Trichlorobenzene	ND	2.0	0.59	2	
2-Chlorotoluene	ND	2.0	0.31	2		1,1,1-Trichloroethane	ND	2.0	0.69	2	
4-Chlorotoluene	ND	2.0	0.36	2		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	20	1.2	2	
Dibromochloromethane	ND	2.0	0.78	2		1,1,2-Trichloroethane	ND	2.0	1.6	2	
1,2-Dibromo-3-Chloropropane	ND	10	6.3	2		Trichloroethene	8.6	2.0	0.61	2	
1,2-Dibromoethane	ND	2.0	0.82	2		Trichlorofluoromethane	ND	20	1.7	2	
Dibromomethane	ND	2.0	1.6	2		1,2,3-Trichloropropane	ND	10	5.5	2	
1,2-Dichlorobenzene	ND	2.0	0.30	2		1,2,4-Trimethylbenzene	ND	2.0	0.27	2	
1,3-Dichlorobenzene	ND	2.0	0.30	2		1,3,5-Trimethylbenzene	ND	2.0	1.7	2	
1,4-Dichlorobenzene	ND	2.0	0.35	2		Vinyl Acetate	ND	20	13	2	
Dichlorodifluoromethane	ND	2.0	0.65	2		Vinyl Chloride	1.9	1.0	0.48	2	
1,1-Dichloroethane	ND	2.0	0.50	2		p/m-Xylene	ND	2.0	0.55	2	
1,2-Dichloroethane	ND	1.0	0.49	2		o-Xylene	ND	2.0	0.34	2	
1,1-Dichloroethene	ND	2.0	0.51	2		Methyl-t-Butyl Ether (MTBE)	ND	2.0	0.45	2	
c-1,2-Dichloroethene	200	2	1.3	2		Tert-Butyl Alcohol (TBA)	ND	20	18	2	
t-1,2-Dichloroethene	2.5	2.0	1.7	2		Diisopropyl Ether (DIPE)	ND	4.0	0.78	2	
1,2-Dichloropropane	ND	2.0	1.1	2		Ethyl-t-Butyl Ether (ETBE)	ND	4.0	0.92	2	
1,3-Dichloropropane	ND	2.0	0.56	2		Tert-Amyl-Methyl Ether (TAME)	ND	4.0	1.0	2	
2,2-Dichloropropane	ND	2.0	0.58	2		Ethanol	ND	200	140	2	
1,1-Dichloropropene	ND	2.0	1.2	2							

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	109	74-140		1,2-Dichloroethane-d4	109	74-146	
Toluene-d8	101	88-112		1,4-Bromofluorobenzene	93	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/22/06
Work Order No: 06-12-1504
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: AmeriPride 10770-003-300

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-10B	**06-12-1504-7**	**12/22/06**	**Aqueous**	**12/27/06**	**12/27/06**	**061227L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	10	50	7.0	1	J	c-1,3-Dichloropropene	ND	0.50	0.28	1	
Benzene	ND	0.50	0.19	1		t-1,3-Dichloropropene	ND	0.50	0.26	1	
Bromobenzene	ND	1.0	0.26	1		Ethylbenzene	ND	1.0	0.13	1	
Bromochloromethane	ND	1.0	0.88	1		2-Hexanone	ND	10	3.4	1	
Bromodichloromethane	ND	1.0	0.21	1		Isopropylbenzene	ND	1.0	0.10	1	
Bromoform	ND	1.0	0.87	1		p-Isopropyltoluene	ND	1.0	0.14	1	
Bromomethane	ND	10	3.5	1		Methylene Chloride	ND	10	9.7	1	
2-Butanone	ND	10	8.0	1		4-Methyl-2-Pentanone	ND	10	2.0	1	
n-Butylbenzene	ND	1.0	0.25	1		Naphthalene	ND	10	0.42	1	
sec-Butylbenzene	ND	1.0	0.29	1		n-Propylbenzene	ND	1.0	0.12	1	
tert-Butylbenzene	ND	1.0	0.19	1		Styrene	ND	1.0	0.16	1	
Carbon Disulfide	ND	10	1.8	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.44	1	
Carbon Tetrachloride	ND	0.50	0.29	1		1,1,2,2-Tetrachloroethane	ND	1.0	0.45	1	
Chlorobenzene	ND	1.0	0.16	1		Tetrachloroethene	3.7	1.0	0.30	1	
Chloroethane	ND	1.0	0.70	1		Toluene	ND	1.0	0.23	1	
Chloroform	ND	1.0	0.29	1		1,2,3-Trichlorobenzene	ND	1.0	0.26	1	
Chloromethane	ND	10	2.1	1		1,2,4-Trichlorobenzene	ND	1.0	0.29	1	
2-Chlorotoluene	ND	1.0	0.16	1		1,1,1-Trichloroethane	ND	1.0	0.35	1	
4-Chlorotoluene	ND	1.0	0.18	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.61	1	
Dibromochloromethane	ND	1.0	0.39	1		1,1,2-Trichloroethane	ND	1.0	0.79	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	3.1	1		Trichloroethene	3.4	1.0	0.31	1	
1,2-Dibromoethane	ND	1.0	0.41	1		Trichlorofluoromethane	ND	10	0.83	1	
Dibromomethane	ND	1.0	0.82	1		1,2,3-Trichloropropane	ND	5.0	2.8	1	
1,2-Dichlorobenzene	ND	1.0	0.15	1		1,2,4-Trimethylbenzene	ND	1.0	0.13	1	
1,3-Dichlorobenzene	ND	1.0	0.15	1		1,3,5-Trimethylbenzene	ND	1.0	0.86	1	
1,4-Dichlorobenzene	ND	1.0	0.17	1		Vinyl Acetate	ND	10	6.4	1	
Dichlorodifluoromethane	ND	1.0	0.33	1		Vinyl Chloride	ND	0.50	0.24	1	
1,1-Dichloroethane	ND	1.0	0.25	1		p/m-Xylene	ND	1.0	0.27	1	
1,2-Dichloroethane	ND	0.50	0.25	1		o-Xylene	ND	1.0	0.17	1	
1,1-Dichloroethene	ND	1.0	0.26	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.23	1	
c-1,2-Dichloroethene	5.8	1.0	0.63	1		Tert-Butyl Alcohol (TBA)	9.3	10.0	9.2	1	J
t-1,2-Dichloroethene	ND	1.0	0.83	1		Diisopropyl Ether (DIPE)	ND	2.0	0.39	1	
1,2-Dichloropropane	ND	1.0	0.55	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	0.46	1	
1,3-Dichloropropane	ND	1.0	0.28	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	0.50	1	
2,2-Dichloropropane	ND	1.0	0.29	1		Ethanol	ND	100	70	1	
1,1-Dichloropropene	ND	1.0	0.62	1							

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	106	74-140		1,2-Dichloroethane-d4	109	74-146	
Toluene-d8	99	88-112		1,4-Bromofluorobenzene	88	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/22/06
Work Order No: 06-12-1504
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: AmeriPride 10770-003-300

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
K-1	**06-12-1504-8**	**12/22/06**	**Aqueous**	**12/27/06**	**12/27/06**	**061227L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	7.4	50.0	7.0	1	J	c-1,3-Dichloropropene	ND	0.50	0.28	1	
Benzene	ND	0.50	0.19	1		t-1,3-Dichloropropene	ND	0.50	0.26	1	
Bromobenzene	ND	1.0	0.26	1		Ethylbenzene	ND	1.0	0.13	1	
Bromochloromethane	ND	1.0	0.88	1		2-Hexanone	ND	10	3.4	1	
Bromodichloromethane	ND	1.0	0.21	1		Isopropylbenzene	ND	1.0	0.10	1	
Bromoform	ND	1.0	0.87	1		p-Isopropyltoluene	ND	1.0	0.14	1	
Bromomethane	ND	10	3.5	1		Methylene Chloride	ND	10	9.7	1	
2-Butanone	ND	10	8.0	1		4-Methyl-2-Pentanone	ND	10	2.0	1	
n-Butylbenzene	ND	1.0	0.25	1		Naphthalene	ND	10	0.42	1	
sec-Butylbenzene	ND	1.0	0.29	1		n-Propylbenzene	ND	1.0	0.12	1	
tert-Butylbenzene	0.33	1.00	0.19	1	J	Styrene	ND	1.0	0.16	1	
Carbon Disulfide	ND	10	1.8	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.44	1	
Carbon Tetrachloride	ND	0.50	0.29	1		1,1,2,2-Tetrachloroethane	ND	1.0	0.45	1	
Chlorobenzene	ND	1.0	0.16	1		Tetrachloroethene	18	1	0.30	1	
Chloroethane	ND	1.0	0.70	1		Toluene	ND	1.0	0.23	1	
Chloroform	0.37	1.00	0.29	1	J	1,2,3-Trichlorobenzene	ND	1.0	0.26	1	
Chloromethane	ND	10	2.1	1		1,2,4-Trichlorobenzene	ND	1.0	0.29	1	
2-Chlorotoluene	ND	1.0	0.16	1		1,1,1-Trichloroethane	ND	1.0	0.35	1	
4-Chlorotoluene	ND	1.0	0.18	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.61	1	
Dibromochloromethane	ND	1.0	0.39	1		1,1,2-Trichloroethane	ND	1.0	0.79	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	3.1	1		Trichloroethene	23	1	0.31	1	
1,2-Dibromoethane	ND	1.0	0.41	1		Trichlorofluoromethane	ND	10	0.83	1	
Dibromomethane	ND	1.0	0.82	1		1,2,3-Trichloropropane	ND	5.0	2.8	1	
1,2-Dichlorobenzene	ND	1.0	0.15	1		1,2,4-Trimethylbenzene	ND	1.0	0.13	1	
1,3-Dichlorobenzene	ND	1.0	0.15	1		1,3,5-Trimethylbenzene	ND	1.0	0.86	1	
1,4-Dichlorobenzene	ND	1.0	0.17	1		Vinyl Acetate	ND	10	6.4	1	
Dichlorodifluoromethane	ND	1.0	0.33	1		Vinyl Chloride	0.53	0.50	0.24	1	
1,1-Dichloroethane	ND	1.0	0.25	1		p/m-Xylene	ND	1.0	0.27	1	
1,2-Dichloroethane	ND	0.50	0.25	1		o-Xylene	ND	1.0	0.17	1	
1,1-Dichloroethene	ND	1.0	0.26	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.23	1	
c-1,2-Dichloroethene	91	1	0.63	1		Tert-Butyl Alcohol (TBA)	ND	10	9.2	1	
t-1,2-Dichloroethene	3.3	1.0	0.83	1		Diisopropyl Ether (DIPE)	ND	2.0	0.39	1	
1,2-Dichloropropane	ND	1.0	0.55	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	0.46	1	
1,3-Dichloropropane	ND	1.0	0.28	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	0.50	1	
2,2-Dichloropropane	ND	1.0	0.29	1		Ethanol	ND	100	70	1	
1,1-Dichloropropene	ND	1.0	0.62	1							

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	107	74-140		1,2-Dichloroethane-d4	108	74-146	
Toluene-d8	99	88-112		1,4-Bromofluorobenzene	95	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/22/06
Work Order No: 06-12-1504
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: AmeriPride 10770-003-300

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
K-2	**06-12-1504-9**	**12/22/06**	**Aqueous**	**12/27/06**	**12/27/06**	**061227L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	7.5	50.0	7.0	1	J	c-1,3-Dichloropropene	ND	0.50	0.28	1	
Benzene	ND	0.50	0.19	1		t-1,3-Dichloropropene	ND	0.50	0.26	1	
Bromobenzene	ND	1.0	0.26	1		Ethylbenzene	ND	1.0	0.13	1	
Bromochloromethane	ND	1.0	0.88	1		2-Hexanone	ND	10	3.4	1	
Bromodichloromethane	ND	1.0	0.21	1		Isopropylbenzene	ND	1.0	0.10	1	
Bromoform	ND	1.0	0.87	1		p-Isopropyltoluene	ND	1.0	0.14	1	
Bromomethane	ND	10	3.5	1		Methylene Chloride	ND	10	9.7	1	
2-Butanone	ND	10	8.0	1		4-Methyl-2-Pentanone	ND	10	2.0	1	
n-Butylbenzene	ND	1.0	0.25	1		Naphthalene	ND	10	0.42	1	
sec-Butylbenzene	ND	1.0	0.29	1		n-Propylbenzene	ND	1.0	0.12	1	
tert-Butylbenzene	ND	1.0	0.19	1		Styrene	ND	1.0	0.16	1	
Carbon Disulfide	ND	10	1.8	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.44	1	
Carbon Tetrachloride	ND	0.50	0.29	1		1,1,2,2-Tetrachloroethane	ND	1.0	0.45	1	
Chlorobenzene	ND	1.0	0.16	1		Tetrachloroethene	14	1	0.30	1	
Chloroethane	ND	1.0	0.70	1		Toluene	ND	1.0	0.23	1	
Chloroform	0.63	1.00	0.29	1	J	1,2,3-Trichlorobenzene	ND	1.0	0.26	1	
Chloromethane	ND	10	2.1	1		1,2,4-Trichlorobenzene	ND	1.0	0.29	1	
2-Chlorotoluene	ND	1.0	0.16	1		1,1,1-Trichloroethane	ND	1.0	0.35	1	
4-Chlorotoluene	ND	1.0	0.18	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.61	1	
Dibromochloromethane	ND	1.0	0.39	1		1,1,2-Trichloroethane	ND	1.0	0.79	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	3.1	1		Trichloroethene	13	1	0.31	1	
1,2-Dibromoethane	ND	1.0	0.41	1		Trichlorofluoromethane	ND	10	0.83	1	
Dibromomethane	ND	1.0	0.82	1		1,2,3-Trichloropropane	ND	5.0	2.8	1	
1,2-Dichlorobenzene	ND	1.0	0.15	1		1,2,4-Trimethylbenzene	ND	1.0	0.13	1	
1,3-Dichlorobenzene	ND	1.0	0.15	1		1,3,5-Trimethylbenzene	ND	1.0	0.86	1	
1,4-Dichlorobenzene	ND	1.0	0.17	1		Vinyl Acetate	ND	10	6.4	1	
Dichlorodifluoromethane	ND	1.0	0.33	1		Vinyl Chloride	ND	0.50	0.24	1	
1,1-Dichloroethane	ND	1.0	0.25	1		p/m-Xylene	ND	1.0	0.27	1	
1,2-Dichloroethane	ND	0.50	0.25	1		o-Xylene	ND	1.0	0.17	1	
1,1-Dichloroethene	ND	1.0	0.26	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.23	1	
c-1,2-Dichloroethene	9.0	1.0	0.63	1		Tert-Butyl Alcohol (TBA)	ND	10	9.2	1	
t-1,2-Dichloroethene	0.97	1.00	0.83	1	J	Diisopropyl Ether (DIPE)	ND	2.0	0.39	1	
1,2-Dichloropropane	ND	1.0	0.55	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	0.46	1	
1,3-Dichloropropane	ND	1.0	0.28	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	0.50	1	
2,2-Dichloropropane	ND	1.0	0.29	1		Ethanol	ND	100	70	1	
1,1-Dichloropropene	ND	1.0	0.62	1							

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	112	74-140		1,2-Dichloroethane-d4	112	74-146	
Toluene-d8	100	88-112		1,4-Bromofluorobenzene	92	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received:	12/22/06
Work Order No:	06-12-1504
Preparation:	EPA 5030B
Method:	EPA 8260B
Units:	ug/L

Project: AmeriPride 10770-003-300

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-10-006-20,010**	**N/A**	**Aqueous**	**12/27/06**	**12/27/06**	**061227L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	50	7.0	1		c-1,3-Dichloropropene	ND	0.50	0.28	1	
Benzene	ND	0.50	0.19	1		t-1,3-Dichloropropene	ND	0.50	0.26	1	
Bromobenzene	ND	1.0	0.26	1		Ethylbenzene	ND	1.0	0.13	1	
Bromochloromethane	ND	1.0	0.88	1		2-Hexanone	ND	10	3.4	1	
Bromodichloromethane	ND	1.0	0.21	1		Isopropylbenzene	ND	1.0	0.10	1	
Bromoform	ND	1.0	0.87	1		p-Isopropyltoluene	ND	1.0	0.14	1	
Bromomethane	ND	10	3.5	1		Methylene Chloride	ND	10	9.7	1	
2-Butanone	ND	10	8.0	1		4-Methyl-2-Pentanone	ND	10	2.0	1	
n-Butylbenzene	ND	1.0	0.25	1		Naphthalene	ND	10	0.42	1	
sec-Butylbenzene	ND	1.0	0.29	1		n-Propylbenzene	ND	1.0	0.12	1	
tert-Butylbenzene	ND	1.0	0.19	1		Styrene	ND	1.0	0.16	1	
Carbon Disulfide	ND	10	1.8	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.44	1	
Carbon Tetrachloride	ND	0.50	0.29	1		1,1,2,2-Tetrachloroethane	ND	1.0	0.45	1	
Chlorobenzene	ND	1.0	0.16	1		Tetrachloroethene	ND	1.0	0.30	1	
Chloroethane	ND	1.0	0.70	1		Toluene	ND	1.0	0.23	1	
Chloroform	ND	1.0	0.29	1		1,2,3-Trichlorobenzene	ND	1.0	0.26	1	
Chloromethane	ND	10	2.1	1		1,2,4-Trichlorobenzene	ND	1.0	0.29	1	
2-Chlorotoluene	ND	1.0	0.16	1		1,1,1-Trichloroethane	ND	1.0	0.35	1	
4-Chlorotoluene	ND	1.0	0.18	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.61	1	
Dibromochloromethane	ND	1.0	0.39	1		1,1,2-Trichloroethane	ND	1.0	0.79	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	3.1	1		Trichloroethene	ND	1.0	0.31	1	
1,2-Dibromoethane	ND	1.0	0.41	1		Trichlorofluoromethane	ND	10	0.83	1	
Dibromomethane	ND	1.0	0.82	1		1,2,3-Trichloropropane	ND	5.0	2.8	1	
1,2-Dichlorobenzene	ND	1.0	0.15	1		1,2,4-Trimethylbenzene	ND	1.0	0.13	1	
1,3-Dichlorobenzene	ND	1.0	0.15	1		1,3,5-Trimethylbenzene	ND	1.0	0.86	1	
1,4-Dichlorobenzene	ND	1.0	0.17	1		Vinyl Acetate	ND	10	6.4	1	
Dichlorodifluoromethane	ND	1.0	0.33	1		Vinyl Chloride	ND	0.50	0.24	1	
1,1-Dichloroethane	ND	1.0	0.25	1		p/m-Xylene	ND	1.0	0.27	1	
1,2-Dichloroethane	ND	0.50	0.25	1		o-Xylene	ND	1.0	0.17	1	
1,1-Dichloroethene	ND	1.0	0.26	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.23	1	
c-1,2-Dichloroethene	ND	1.0	0.63	1		Tert-Butyl Alcohol (TBA)	ND	10	9.2	1	
t-1,2-Dichloroethene	ND	1.0	0.83	1		Diisopropyl Ether (DIPE)	ND	2.0	0.39	1	
1,2-Dichloropropane	ND	1.0	0.55	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	0.46	1	
1,3-Dichloropropane	ND	1.0	0.28	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	0.50	1	
2,2-Dichloropropane	ND	1.0	0.29	1		Ethanol	ND	100	70	1	
1,1-Dichloropropene	ND	1.0	0.62	1							

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	107	74-140		1,2-Dichloroethane-d4	109	74-146	
Toluene-d8	99	88-112		1,4-Bromofluorobenzene	90	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/22/06
Work Order No: 06-12-1504
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: AmeriPride 10770-003-300

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-10-006-20,024**	**N/A**	**Aqueous**	**12/28/06**	**12/29/06**	**061228L02**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	50	7.0	1		c-1,3-Dichloropropene	ND	0.50	0.28	1	
Benzene	ND	0.50	0.19	1		t-1,3-Dichloropropene	ND	0.50	0.26	1	
Bromobenzene	ND	1.0	0.26	1		Ethylbenzene	ND	1.0	0.13	1	
Bromochloromethane	ND	1.0	0.88	1		2-Hexanone	ND	10	3.4	1	
Bromodichloromethane	ND	1.0	0.21	1		Isopropylbenzene	ND	1.0	0.10	1	
Bromoform	ND	1.0	0.87	1		p-Isopropyltoluene	ND	1.0	0.14	1	
Bromomethane	ND	10	3.5	1		Methylene Chloride	ND	10	9.7	1	
2-Butanone	ND	10	8.0	1		4-Methyl-2-Pentanone	ND	10	2.0	1	
n-Butylbenzene	ND	1.0	0.25	1		Naphthalene	ND	10	0.42	1	
sec-Butylbenzene	ND	1.0	0.29	1		n-Propylbenzene	ND	1.0	0.12	1	
tert-Butylbenzene	ND	1.0	0.19	1		Styrene	ND	1.0	0.16	1	
Carbon Disulfide	ND	10	1.8	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.44	1	
Carbon Tetrachloride	ND	0.50	0.29	1		1,1,2,2-Tetrachloroethane	ND	1.0	0.45	1	
Chlorobenzene	ND	1.0	0.16	1		Tetrachloroethene	ND	1.0	0.30	1	
Chloroethane	ND	1.0	0.70	1		Toluene	ND	1.0	0.23	1	
Chloroform	ND	1.0	0.29	1		1,2,3-Trichlorobenzene	ND	1.0	0.26	1	
Chloromethane	ND	10	2.1	1		1,2,4-Trichlorobenzene	ND	1.0	0.29	1	
2-Chlorotoluene	ND	1.0	0.16	1		1,1,1-Trichloroethane	ND	1.0	0.35	1	
4-Chlorotoluene	ND	1.0	0.18	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.61	1	
Dibromochloromethane	ND	1.0	0.39	1		1,1,2-Trichloroethane	ND	1.0	0.79	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	3.1	1		Trichloroethene	ND	1.0	0.31	1	
1,2-Dibromoethane	ND	1.0	0.41	1		Trichlorofluoromethane	ND	10	0.83	1	
Dibromomethane	ND	1.0	0.82	1		1,2,3-Trichloropropane	ND	5.0	2.8	1	
1,2-Dichlorobenzene	ND	1.0	0.15	1		1,2,4-Trimethylbenzene	ND	1.0	0.13	1	
1,3-Dichlorobenzene	ND	1.0	0.15	1		1,3,5-Trimethylbenzene	ND	1.0	0.86	1	
1,4-Dichlorobenzene	ND	1.0	0.17	1		Vinyl Acetate	ND	10	6.4	1	
Dichlorodifluoromethane	ND	1.0	0.33	1		Vinyl Chloride	ND	0.50	0.24	1	
1,1-Dichloroethane	ND	1.0	0.25	1		p/m-Xylene	ND	1.0	0.27	1	
1,2-Dichloroethane	ND	0.50	0.25	1		o-Xylene	ND	1.0	0.17	1	
1,1-Dichloroethene	ND	1.0	0.26	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.23	1	
c-1,2-Dichloroethene	ND	1.0	0.63	1		Tert-Butyl Alcohol (TBA)	ND	10	9.2	1	
t-1,2-Dichloroethene	ND	1.0	0.83	1		Diisopropyl Ether (DIPE)	ND	2.0	0.39	1	
1,2-Dichloropropane	ND	1.0	0.55	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	0.46	1	
1,3-Dichloropropane	ND	1.0	0.28	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	0.50	1	
2,2-Dichloropropane	ND	1.0	0.29	1		Ethanol	ND	100	70	1	
1,1-Dichloropropene	ND	1.0	0.62	1							

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	113	74-140		1,2-Dichloroethane-d4	113	74-146	
Toluene-d8	101	88-112		1,4-Bromofluorobenzene	89	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/22/06
Work Order No: 06-12-1504
Preparation: N/A
Method: EPA 300.0

Project AmeriPride 10770-003-300

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
06-12-1372-3	**Aqueous**	**IC 2**	**N/A**	**12/22/06**	**061222S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Nitrite (as N)	94	95	68-122	1	0-8	
Nitrate (as N)	95	96	58-142	0	0-6	
Sulfate	104	105	49-133	0	0-3	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/22/06
Work Order No: 06-12-1504
Preparation: N/A
Method: SM3500-FeD

Project AmeriPride 10770-003-300

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
MW-10B	**Aqueous**	**UV 2**	**12/22/06**	**12/22/06**	**61222FES1**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Iron (II)	92	101	70-130	9	0-25	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/22/06
Work Order No: 06-12-1504
Preparation: EPA 5030B
Method: EPA 8015B (M)

Project AmeriPride 10770-003-300

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
MW-2	**Aqueous**	**GC 4**	**12/23/06**	**12/23/06**	**061223S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	92	89	68-122	3	0-18	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/22/06
Work Order No: 06-12-1504
Preparation: EPA 5030B
Method: EPA 8260B

Project AmeriPride 10770-003-300

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
MW-2	**Aqueous**	**GC/MS JJ**	**12/27/06**	**12/27/06**	**061227S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	101	101	88-118	0	0-7	
Carbon Tetrachloride	110	109	67-145	1	0-11	
Chlorobenzene	101	99	88-118	2	0-7	
1,2-Dichlorobenzene	98	95	86-116	3	0-8	
1,1-Dichloroethene	100	100	70-130	1	0-25	
Toluene	98	97	87-123	1	0-8	
Trichloroethene	102	101	79-127	0	0-10	
Vinyl Chloride	100	100	69-129	1	0-13	
Methyl-t-Butyl Ether (MTBE)	102	104	71-131	2	0-13	
Tert-Butyl Alcohol (TBA)	106	109	36-168	2	0-45	
Diisopropyl Ether (DIPE)	104	104	81-123	0	0-9	
Ethyl-t-Butyl Ether (ETBE)	101	99	72-126	2	0-12	
Tert-Amyl-Methyl Ether (TAME)	100	101	72-126	1	0-12	
Ethanol	122	118	53-149	3	0-31	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/22/06
Work Order No: 06-12-1504
Preparation: EPA 5030B
Method: EPA 8260B

Project AmeriPride 10770-003-300

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
06-12-1648-1	**Aqueous**	**GC/MS JJ**	**12/28/06**	**12/29/06**	**061228S02**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	98	98	88-118	1	0-7	
Carbon Tetrachloride	112	115	67-145	2	0-11	
Chlorobenzene	92	95	88-118	3	0-7	
1,2-Dichlorobenzene	86	90	86-116	5	0-8	
1,1-Dichloroethene	102	107	70-130	5	0-25	
Toluene	94	97	87-123	3	0-8	
Trichloroethene	95	97	79-127	3	0-10	
Vinyl Chloride	106	122	69-129	14	0-13	4
Methyl-t-Butyl Ether (MTBE)	96	90	71-131	7	0-13	
Tert-Butyl Alcohol (TBA)	120	78	36-168	37	0-45	
Diisopropyl Ether (DIPE)	97	106	81-123	4	0-9	
Ethyl-t-Butyl Ether (ETBE)	87	88	72-126	1	0-12	
Tert-Amyl-Methyl Ether (TAME)	86	85	72-126	2	0-12	
Ethanol	135	105	53-149	26	0-31	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: N/A
Work Order No: 06-12-1504
Preparation: N/A
Method: RSK-175M

Project: AmeriPride 10770-003-300

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-010-1,612	**Aqueous**	**GC 33**	**N/A**	**12/23/06**	**061223L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Methane	98	94	79-109	5	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International	Date Received:	N/A
999 W. Town and Country Rd, 4th	Work Order No:	06-12-1504
Orange, CA 92868-4713	Preparation:	N/A
	Method:	EPA 300.0

Project: AmeriPride 10770-003-300

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-05-118-3,721	**Aqueous**	**IC 2**	**N/A**	**12/22/06**	**061222L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Nitrite (as N)	96	96	73-115	1	0-26	
Nitrate (as N)	96	96	87-111	0	0-12	
Sulfate	103	103	89-107	0	0-13	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Laboratory Control Sample

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: N/A
Work Order No: 06-12-1504
Preparation: N/A
Method: SM3500-FeD

Project: AmeriPride 10770-003-300

Quality Control Sample ID	Matrix	Instrument	Date Analyzed	Lab File ID	LCS Batch Number
099-05-111-2,418	**Aqueous**	**UV 2**	**12/22/06**	**NONE**	**61222FEL1**

Parameter	Conc Added	Conc Recovered	LCS %Rec	%Rec CL	Qualifiers
Iron (II)	1.0	0.96	96	80-120	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International	Date Received:	N/A
999 W. Town and Country Rd, 4th	Work Order No:	06-12-1504
Orange, CA 92868-4713	Preparation:	EPA 3510C
	Method:	EPA 8015B (M)

Project: AmeriPride 10770-003-300

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-308-124	**Aqueous**	**GC 23**	**12/28/06**	**12/28/06**	**061228B02**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Diesel	99	102	75-117	3	0-13	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: N/A
Work Order No: 06-12-1504
Preparation: EPA 5030B
Method: EPA 8015B (M)

Project: AmeriPride 10770-003-300

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-436-105	**Aqueous**	**GC 4**	**12/23/06**	**12/23/06**	**061223B01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	92	92	78-120	0	0-10	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International	Date Received:	N/A
999 W. Town and Country Rd, 4th	Work Order No:	06-12-1504
Orange, CA 92868-4713	Preparation:	EPA 5030B
	Method:	EPA 8260B

Project: AmeriPride 10770-003-300

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-10-006-20,010	**Aqueous**	**GC/MS JJ**	**12/27/06**	**12/27/06**	**061227L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	102	98	84-120	4	0-8	
Carbon Tetrachloride	111	108	63-147	2	0-10	
Chlorobenzene	100	98	89-119	3	0-7	
1,2-Dichlorobenzene	99	97	89-119	2	0-9	
1,1-Dichloroethene	98	97	77-125	2	0-16	
Toluene	100	97	83-125	3	0-9	
Trichloroethene	102	99	89-119	2	0-8	
Vinyl Chloride	98	99	63-135	0	0-13	
Methyl-t-Butyl Ether (MTBE)	106	103	82-118	3	0-13	
Tert-Butyl Alcohol (TBA)	105	100	46-154	5	0-32	
Diisopropyl Ether (DIPE)	106	101	81-123	5	0-11	
Ethyl-t-Butyl Ether (ETBE)	105	100	74-122	5	0-12	
Tert-Amyl-Methyl Ether (TAME)	105	101	76-124	5	0-10	
Ethanol	103	101	60-138	1	0-32	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International	Date Received:	N/A
999 W. Town and Country Rd, 4th	Work Order No:	06-12-1504
Orange, CA 92868-4713	Preparation:	EPA 5030B
	Method:	EPA 8260B

Project: AmeriPride 10770-003-300

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-10-006-20,024	**Aqueous**	**GC/MS JJ**	**12/28/06**	**12/28/06**	**061228L02**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	100	100	84-120	0	0-8	
Carbon Tetrachloride	109	110	63-147	1	0-10	
Chlorobenzene	98	95	89-119	3	0-7	
1,2-Dichlorobenzene	93	92	89-119	1	0-9	
1,1-Dichloroethene	103	103	77-125	0	0-16	
Toluene	98	96	83-125	2	0-9	
Trichloroethene	98	99	89-119	1	0-8	
Vinyl Chloride	105	100	63-135	5	0-13	
Methyl-t-Butyl Ether (MTBE)	99	100	82-118	1	0-13	
Tert-Butyl Alcohol (TBA)	98	92	46-154	7	0-32	
Diisopropyl Ether (DIPE)	104	104	81-123	1	0-11	
Ethyl-t-Butyl Ether (ETBE)	96	96	74-122	0	0-12	
Tert-Amyl-Methyl Ether (TAME)	94	95	76-124	1	0-10	
Ethanol	126	112	60-138	11	0-32	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 06-12-1504

Qualifier	Definition
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike or Matrix Spike Duplicate compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

Calscience Environmental Laboratories, Inc.
7440 LINCOLN WAY
GARDEN GROVE, CA 92841-1432
TEL: (714) 895-5494 . FAX: (714) 894-7501

CHAIN OF CUSTODY RECORD

DATE:

PAGE: 1 OF 2

LABORATORY CLIENT: ENSR

ADDRESS: 999 West Town and Country Road, 4th Floor

CITY: Orange, CA 92868

TEL: 714-973-9740 FAX: 714-973-9750 E-MAIL: jotter@ensr.aecom.com

CLIENT PROJECT NAME / NUMBER: AmeriPride 10770-003-300

PROJECT CONTACT: Jeff Otter

SAMPLER(S): (SIGNATURE)

P.O. NO.:

QUOTE NO.:

LAB USE ONLY: 12-1504

TURNAROUND TIME

☐ SAME DAY ☐ 24 HR ☐ 48HR ☐ 72 HR ☒ Normal

SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY)

☐ RWQCB REPORTING ☐ ARCHIVE SAMPLES UNTIL ___/___/___

SPECIAL INSTRUCTIONS

REQUESTED ANALYSIS

LAB USE ONLY	SAMPLE ID	LOCATION/ DESCRIPTION	SAMPLING DATE	SAMPLING TIME	Matrix	#Cont	8260B (Full Scan & Oxygenates)	8015M (TPH-g)	8015M (TPH-D)	Ferrous Iron	Sulfate	Nitrate	Nitrite	Methane	8270M (1,4-Dioxane)
1	TB-(12/22/06)	Trip Blank	Lab Prepared		H_2O	3	X								
2	MW-2	Standard Sample	12/22/06	0920	H_2O	6	X	X							
	~~MW-3~~	~~Standard Sample~~			~~H2O~~	~~11~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	
3	MW-7	Standard Sample	12/22	1015	H2O	7	X	X	X						
	~~MW-8A~~	~~Standard Sample~~			~~H2O~~	~~8~~	~~X~~	~~X~~		~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	
4	MW-9A	Standard Sample	12/22	1245	H2O	6	X	X	X						
5	MW-9B	Standard Sample		1230	H2O	6	X	X	X						
6	MW-10A	Standard Sample		1300	H2O	10	X	X	X	X	X	X	X	X	
7	MW-10B	Standard Sample		1330	H2O	10	X	X	X	X	X	X	X	X	
	~~DUP-1~~	~~Field Duplicate~~			~~H2O~~	~~8~~	~~X~~								

Relinquished by: (Signature)	Received by: (Signature)	Date: 12/22/06	Time: 1501
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

Calscience Environmental Laboratories, Inc.
7440 LINCOLN WAY
GARDEN GROVE, CA 92841-1432
TEL: (714) 895-5494 . FAX: (714) 894-7501

CHAIN OF CUSTODY RECORD

DATE:

PAGE: 2 OF 2

LABORATORY CLIENT: ENSR

ADDRESS: 999 West Town and Country Road, 4th Floor

CITY: Orange, CA 92868

TEL: 714-973-9740 | FAX: 714-973-9750 | E-MAIL: jotter@ensr.aecom.com

CLIENT PROJECT NAME / NUMBER: AmeriPride 10770-003-300

PROJECT CONTACT: Jeff Otter

SAMPLER(S): (SIGNATURE)

P.O. NO.:

QUOTE NO.:

LAB USE ONLY: 12-1504

TURNAROUND TIME

☐ SAME DAY ☐ 24 HR ☐ 48HR ☐ 72 HR ☒ Normal

SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY)

☐ RWQCB REPORTING ☐ ARCHIVE SAMPLES UNTIL ___/___/___

SPECIAL INSTRUCTIONS

REQUESTED ANALYSIS

LAB USE ONLY	SAMPLE ID	LOCATION/ DESCRIPTION	SAMPLING DATE	SAMPLING TIME	Matrix	#Cont	8260B (Full Scan & Oxygenates)	8015M (TPH-g)	8015M (TPH-D)	Ferrous Iron	Sulfate	Nitrate	Nitrite	Methane	8270M (1,4-Dioxane)
	~~MW-13A~~	~~Standard Sample~~			~~H_2O~~	~~11~~	~~X~~	~~X~~		~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	
	~~MW-13B~~	~~Standard Sample~~			~~H_2O~~	11	X	X		X	X	X	X	X	
	~~MW-14~~	~~Standard Sample~~			~~H2O~~	~~8~~	~~X~~	~~X~~							
	~~MW-15~~	~~Standard Sample~~			~~H2O~~	11	X	X		X	X	X	X	X	
	~~MW-16A~~	~~Standard Sample~~			~~H2O~~	11	X	X	X	X	X	X	X	X	
	~~MW-16B~~	~~Standard Sample~~			~~H2O~~	11	X	X	X	X	X	X	X	X	
	~~MW-16C~~	~~Standard Sample~~			~~H2O~~	11	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	
8	K-1	Standard Sample	12/22	1120	H2O	8	X	X	X						
9	K-2	Standard Sample	12/22	1100	H2O	8	X	X							
	~~DUP-2~~	~~Field Duplicate~~		~~1120~~	~~H_2O~~	11	X								

Relinquished by: (Signature)	Received by: (Signature)	Date: 12/22/06	Time: 15:01
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 06 - 12-1504

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: EASR DATE: 12/22/06

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

_____ Chilled, cooler with temperature blank provided.
_____ Chilled, cooler without temperature blank.
_____ Chilled and placed in cooler with wet ice.
_____ Ambient and placed in cooler with wet ice.
_____ Ambient temperature.
_____ °C Temperature blank.

LABORATORY (Other than Calscience Courier):

2.0 °C Temperature blank.
_____ °C IR thermometer.
_____ Ambient temperature.

Initial: MT

CUSTODY SEAL INTACT:

Sample(s): _____ Cooler: _____ No (Not Intact) : _____ Not Applicable (N/A): ✓

Initial: MT

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples	✓		
Sampler's name indicated on COC		✓	
Sample container label(s) consistent with custody papers	✓		
Sample container(s) intact and good condition	✓		
Correct containers and volume for analyses requested	✓		
Proper preservation noted on sample label(s)	✓		
VOA vial(s) free of headspace	✓		
Tedlar bag(s) free of condensation			✓

Initial: MT

COMMENTS:

Calscience
Environmental
Laboratories, Inc.

January 08, 2007

Jeff Otter
ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Subject: **Calscience Work Order No.: 06-12-1673**
Client Reference: AmeriPride 10770-003-300

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 12/28/2006 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of subcontracted analysis, if any, is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

Cecile deGuia

Calscience Environmental
Laboratories, Inc.
Cecile deGuia
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/28/06
Work Order No: 06-12-1673
Preparation: N/A
Method: RSK-175M

Project: AmeriPride 10770-003-300

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-3	**06-12-1673-2**	**12/28/06**	**Aqueous**	**N/A**	**12/28/06**	**061228L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
Methane	0.0700	1.0000	0.00784	1	J	ug/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-16A	**06-12-1673-3**	**12/28/06**	**Aqueous**	**N/A**	**12/28/06**	**061228L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
Methane	0.360	1.000	0.00784	1	J	ug/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-16B	**06-12-1673-4**	**12/28/06**	**Aqueous**	**N/A**	**12/28/06**	**061228L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
Methane	0.0200	1.0000	0.00784	1	J	ug/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-16C	**06-12-1673-5**	**12/28/06**	**Aqueous**	**N/A**	**12/28/06**	**061228L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
Methane	0.0500	1.0000	0.00784	1	J	ug/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-12-010-1,614**	**N/A**	**Aqueous**	**N/A**	**12/28/06**	**061228L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
Methane	ND	1.00	0.00784	1		ug/L

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/28/06
Work Order No: 06-12-1673
Preparation: N/A
Method: EPA 300.0
Units: mg/L

Project: AmeriPride 10770-003-300

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-3	**06-12-1673-2**	**12/28/06**	**Aqueous**	**N/A**	**12/28/06**	**061228L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Nitrite (as N)	ND	0.10	0.015	1		Sulfate	310	50	3.4	50	
Nitrate (as N)	9.3	0.5	0.14	5							

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-16A	**06-12-1673-3**	**12/28/06**	**Aqueous**	**N/A**	**12/28/06**	**061228L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Nitrite (as N)	ND	0.10	0.015	1		Sulfate	240	50		50	
Nitrate (as N)	ND	0.10	0.028	1							

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-16B	**06-12-1673-4**	**12/28/06**	**Aqueous**	**N/A**	**12/28/06**	**061228L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Nitrite (as N)	ND	0.10	0.015	1		Sulfate	260	50	3.4	50	
Nitrate (as N)	7.9	0.2	0.055	2							

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-16C	**06-12-1673-5**	**12/28/06**	**Aqueous**	**N/A**	**12/28/06**	**061228L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Nitrite (as N)	ND	0.10	0.015	1		Sulfate	420	100	6.9	100	
Nitrate (as N)	1.1	0.1	0.028	1							

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-05-118-3,727**	**N/A**	**Aqueous**	**N/A**	**12/28/06**	**061228L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Nitrite (as N)	ND	0.10	0.015	1		Sulfate	ND	1.0	0.069	1	
Nitrate (as N)	ND	0.10	0.028	1							

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/28/06
Work Order No: 06-12-1673
Preparation: N/A
Method: SM3500-FeD

Project: AmeriPride 10770-003-300

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-3	**06-12-1673-2**	**12/28/06**	**Aqueous**	**12/28/06**	**12/28/06**	**61228FEL1**

Parameter	Result	RL	DF	Qual	Units
Iron (II)	ND	0.10	1		mg/L

MW-16A	**06-12-1673-3**	**12/28/06**	**Aqueous**	**12/28/06**	**12/28/06**	**61228FEL1**

Parameter	Result	RL	DF	Qual	Units
Iron (II)	ND	0.10	1		mg/L

MW-16B	**06-12-1673-4**	**12/28/06**	**Aqueous**	**12/28/06**	**12/28/06**	**61228FEL1**

Parameter	Result	RL	DF	Qual	Units
Iron (II)	ND	0.10	1		mg/L

MW-16C	**06-12-1673-5**	**12/28/06**	**Aqueous**	**12/28/06**	**12/28/06**	**61228FEL1**

Parameter	Result	RL	DF	Qual	Units
Iron (II)	ND	0.10	1		mg/L

Method Blank	**099-05-111-2,420**	**N/A**	**Aqueous**	**12/28/06**	**12/28/06**	**61228FEL1**

Parameter	Result	RL	DF	Qual	Units
Iron (II)	ND	0.10	1		mg/L

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/28/06
Work Order No: 06-12-1673
Preparation: EPA 3510C
Method: EPA 8015B (M)

Project: AmeriPride 10770-003-300

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-3	**06-12-1673-2**	**12/28/06**	**Aqueous**	**12/28/06**	**12/29/06**	**061228B10**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Diesel	ND	500	480	1		ug/L
Surrogates:	REC (%)	Control Limits			Qual	
Decachlorobiphenyl	114	68-140				

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-16A	**06-12-1673-3**	**12/28/06**	**Aqueous**	**12/28/06**	**12/29/06**	**061228B10**

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Diesel	540	500	480	1		ug/L
Surrogates:	REC (%)	Control Limits			Qual	
Decachlorobiphenyl	111	68-140				

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-16B	**06-12-1673-4**	**12/28/06**	**Aqueous**	**12/28/06**	**12/29/06**	**061228B10**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Diesel	ND	500	480	1		ug/L
Surrogates:	REC (%)	Control Limits			Qual	
Decachlorobiphenyl	123	68-140				

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-16C	**06-12-1673-5**	**12/28/06**	**Aqueous**	**12/28/06**	**12/29/06**	**061228B10**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Diesel	ND	500	480	1		ug/L
Surrogates:	REC (%)	Control Limits			Qual	
Decachlorobiphenyl	110	68-140				

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-12-308-126**	**N/A**	**Aqueous**	**12/28/06**	**12/29/06**	**061228B10**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Diesel	ND	500	480	1		ug/L
Surrogates:	REC (%)	Control Limits			Qual	
Decachlorobiphenyl	107	68-140				

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/28/06
Work Order No: 06-12-1673
Preparation: EPA 5030B
Method: EPA 8015B (M)

Project: AmeriPride 10770-003-300

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-3	**06-12-1673-2**	**12/28/06**	**Aqueous**	**12/28/06**	**12/28/06**	**061228B01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	ND	50	48	1		ug/L
Surrogates:	**REC (%)**	**Control Limits**			**Qual**	
1,4-Bromofluorobenzene	94	38-134				

MW-16A	**06-12-1673-3**	**12/28/06**	**Aqueous**	**12/28/06**	**12/28/06**	**061228B01**

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	1100	50	48	1		ug/L
Surrogates:	**REC (%)**	**Control Limits**			**Qual**	
1,4-Bromofluorobenzene	113	38-134				

MW-16B	**06-12-1673-4**	**12/28/06**	**Aqueous**	**12/28/06**	**12/28/06**	**061228B01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	ND	50	48	1		ug/L
Surrogates:	**REC (%)**	**Control Limits**			**Qual**	
1,4-Bromofluorobenzene	85	38-134				

MW-16C	**06-12-1673-5**	**12/28/06**	**Aqueous**	**12/28/06**	**12/28/06**	**061228B01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	ND	50	48	1		ug/L
Surrogates:	**REC (%)**	**Control Limits**			**Qual**	
1,4-Bromofluorobenzene	85	38-134				

Method Blank	**099-12-436-108**	**N/A**	**Aqueous**	**12/28/06**	**12/28/06**	**061228B01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	ND	50	48	1		ug/L
Surrogates:	**REC (%)**	**Control Limits**			**Qual**	
1,4-Bromofluorobenzene	89	38-134				

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/28/06
Work Order No: 06-12-1673
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: AmeriPride 10770-003-300

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
DUP-2	**06-12-1673-1**	**12/28/06**	**Aqueous**	**01/03/07**	**01/03/07**	**070103L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	7.5	50.0	7.0	1	J	c-1,3-Dichloropropene	ND	0.50	0.28	1	
Benzene	ND	0.50	0.19	1		t-1,3-Dichloropropene	ND	0.50	0.26	1	
Bromobenzene	ND	1.0	0.26	1		Ethylbenzene	ND	1.0	0.13	1	
Bromochloromethane	ND	1.0	0.88	1		2-Hexanone	ND	10	3.4	1	
Bromodichloromethane	ND	1.0	0.21	1		Isopropylbenzene	ND	1.0	0.10	1	
Bromoform	ND	1.0	0.87	1		p-Isopropyltoluene	ND	1.0	0.14	1	
Bromomethane	ND	10	3.5	1		Methylene Chloride	ND	10	9.7	1	
2-Butanone	ND	10	8.0	1		4-Methyl-2-Pentanone	ND	10	2.0	1	
n-Butylbenzene	ND	1.0	0.25	1		Naphthalene	ND	10	0.42	1	
sec-Butylbenzene	ND	1.0	0.29	1		n-Propylbenzene	ND	1.0	0.12	1	
tert-Butylbenzene	ND	1.0	0.19	1		Styrene	ND	1.0	0.16	1	
Carbon Disulfide	ND	10	1.8	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.44	1	
Carbon Tetrachloride	ND	0.50	0.29	1		1,1,2,2-Tetrachloroethane	ND	1.0	0.45	1	
Chlorobenzene	ND	1.0	0.16	1		Tetrachloroethene	75	1	0.30	1	
Chloroethane	ND	1.0	0.70	1		Toluene	0.26	1.00	0.23	1	J,B
Chloroform	1.1	1.0	0.29	1		1,2,3-Trichlorobenzene	ND	1.0	0.26	1	
Chloromethane	ND	10	2.1	1		1,2,4-Trichlorobenzene	ND	1.0	0.29	1	
2-Chlorotoluene	ND	1.0	0.16	1		1,1,1-Trichloroethane	ND	1.0	0.35	1	
4-Chlorotoluene	ND	1.0	0.18	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.61	1	
Dibromochloromethane	ND	1.0	0.39	1		1,1,2-Trichloroethane	ND	1.0	0.79	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	3.1	1		Trichloroethene	37	1	0.31	1	
1,2-Dibromoethane	ND	1.0	0.41	1		Trichlorofluoromethane	ND	10	0.83	1	
Dibromomethane	ND	1.0	0.82	1		1,2,3-Trichloropropane	ND	5.0	2.8	1	
1,2-Dichlorobenzene	ND	1.0	0.15	1		1,2,4-Trimethylbenzene	ND	1.0	0.13	1	
1,3-Dichlorobenzene	ND	1.0	0.15	1		1,3,5-Trimethylbenzene	ND	1.0	0.86	1	
1,4-Dichlorobenzene	ND	1.0	0.17	1		Vinyl Acetate	ND	10	6.4	1	
Dichlorodifluoromethane	ND	1.0	0.33	1		Vinyl Chloride	ND	0.50	0.24	1	
1,1-Dichloroethane	ND	1.0	0.25	1		p/m-Xylene	ND	1.0	0.27	1	
1,2-Dichloroethane	ND	0.50	0.25	1		o-Xylene	ND	1.0	0.17	1	
1,1-Dichloroethene	ND	1.0	0.26	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.23	1	
c-1,2-Dichloroethene	28	1	0.63	1		Tert-Butyl Alcohol (TBA)	ND	10	9.2	1	
t-1,2-Dichloroethene	2.6	1.0	0.83	1		Diisopropyl Ether (DIPE)	ND	2.0	0.39	1	
1,2-Dichloropropane	ND	1.0	0.55	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	0.46	1	
1,3-Dichloropropane	ND	1.0	0.28	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	0.50	1	
2,2-Dichloropropane	ND	1.0	0.29	1		Ethanol	ND	100	70	1	
1,1-Dichloropropene	ND	1.0	0.62	1							

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	105	74-140		1,2-Dichloroethane-d4	108	74-146	
Toluene-d8	101	88-112		1,4-Bromofluorobenzene	98	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received:	12/28/06
Work Order No:	06-12-1673
Preparation:	EPA 5030B
Method:	EPA 8260B
Units:	ug/L

Project: AmeriPride 10770-003-300

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-3	**06-12-1673-2**	**12/28/06**	**Aqueous**	**01/02/07**	**01/02/07**	**070102L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	50	7.0	1		c-1,3-Dichloropropene	ND	0.50	0.28	1	
Benzene	ND	0.50	0.19	1		t-1,3-Dichloropropene	ND	0.50	0.26	1	
Bromobenzene	ND	1.0	0.26	1		Ethylbenzene	ND	1.0	0.13	1	
Bromochloromethane	ND	1.0	0.88	1		2-Hexanone	ND	10	3.4	1	
Bromodichloromethane	ND	1.0	0.21	1		Isopropylbenzene	ND	1.0	0.10	1	
Bromoform	ND	1.0	0.87	1		p-Isopropyltoluene	ND	1.0	0.14	1	
Bromomethane	ND	10	3.5	1		Methylene Chloride	ND	10	9.7	1	
2-Butanone	ND	10	8.0	1		4-Methyl-2-Pentanone	ND	10	2.0	1	
n-Butylbenzene	ND	1.0	0.25	1		Naphthalene	ND	10	0.42	1	
sec-Butylbenzene	ND	1.0	0.29	1		n-Propylbenzene	ND	1.0	0.12	1	
tert-Butylbenzene	ND	1.0	0.19	1		Styrene	ND	1.0	0.16	1	
Carbon Disulfide	ND	10	1.8	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.44	1	
Carbon Tetrachloride	ND	0.50	0.29	1		1,1,2,2-Tetrachloroethane	ND	1.0	0.45	1	
Chlorobenzene	ND	1.0	0.16	1		Tetrachloroethene	83	1	0.30	1	
Chloroethane	ND	1.0	0.70	1		Toluene	ND	1.0	0.23	1	
Chloroform	0.98	1.00	0.29	1	J	1,2,3-Trichlorobenzene	ND	1.0	0.26	1	
Chloromethane	ND	10	2.1	1		1,2,4-Trichlorobenzene	ND	1.0	0.29	1	
2-Chlorotoluene	ND	1.0	0.16	1		1,1,1-Trichloroethane	ND	1.0	0.35	1	
4-Chlorotoluene	ND	1.0	0.18	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.61	1	
Dibromochloromethane	ND	1.0	0.39	1		1,1,2-Trichloroethane	ND	1.0	0.79	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	3.1	1		Trichloroethene	31	1	0.31	1	
1,2-Dibromoethane	ND	1.0	0.41	1		Trichlorofluoromethane	ND	10	0.83	1	
Dibromomethane	ND	1.0	0.82	1		1,2,3-Trichloropropane	ND	5.0	2.8	1	
1,2-Dichlorobenzene	ND	1.0	0.15	1		1,2,4-Trimethylbenzene	ND	1.0	0.13	1	
1,3-Dichlorobenzene	ND	1.0	0.15	1		1,3,5-Trimethylbenzene	ND	1.0	0.86	1	
1,4-Dichlorobenzene	ND	1.0	0.17	1		Vinyl Acetate	ND	10	6.4	1	
Dichlorodifluoromethane	ND	1.0	0.33	1		Vinyl Chloride	ND	0.50	0.24	1	
1,1-Dichloroethane	ND	1.0	0.25	1		p/m-Xylene	ND	1.0	0.27	1	
1,2-Dichloroethane	ND	0.50	0.25	1		o-Xylene	ND	1.0	0.17	1	
1,1-Dichloroethene	ND	1.0	0.26	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.23	1	
c-1,2-Dichloroethene	23	1	0.63	1		Tert-Butyl Alcohol (TBA)	ND	10	9.2	1	
t-1,2-Dichloroethene	2.2	1.0	0.83	1		Diisopropyl Ether (DIPE)	ND	2.0	0.39	1	
1,2-Dichloropropane	ND	1.0	0.55	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	0.46	1	
1,3-Dichloropropane	ND	1.0	0.28	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	0.50	1	
2,2-Dichloropropane	ND	1.0	0.29	1		Ethanol	ND	100	70	1	
1,1-Dichloropropene	ND	1.0	0.62	1							

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	104	74-140		1,2-Dichloroethane-d4	109	74-146	
Toluene-d8	102	88-112		1,4-Bromofluorobenzene	101	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/28/06
Work Order No: 06-12-1673
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: AmeriPride 10770-003-300

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-16A	**06-12-1673-3**	**12/28/06**	**Aqueous**	**01/03/07**	**01/03/07**	**070103L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	500	70	10		c-1,3-Dichloropropene	ND	5.0	2.8	10	
Benzene	ND	5.0	1.9	10		t-1,3-Dichloropropene	ND	5.0	2.6	10	
Bromobenzene	ND	10	2.6	10		Ethylbenzene	ND	10	1.3	10	
Bromochloromethane	ND	10	8.8	10		2-Hexanone	ND	100	34	10	
Bromodichloromethane	ND	10	2.1	10		Isopropylbenzene	ND	10	1.0	10	
Bromoform	ND	10	8.7	10		p-Isopropyltoluene	ND	10	1.4	10	
Bromomethane	ND	100	35	10		Methylene Chloride	ND	100	97	10	
2-Butanone	ND	100	80	10		4-Methyl-2-Pentanone	ND	100	20	10	
n-Butylbenzene	ND	10	2.5	10		Naphthalene	ND	100	4.2	10	
sec-Butylbenzene	ND	10	2.9	10		n-Propylbenzene	ND	10	1.2	10	
tert-Butylbenzene	ND	10	1.9	10		Styrene	ND	10	1.6	10	
Carbon Disulfide	ND	100	18	10		1,1,1,2-Tetrachloroethane	ND	10	4.4	10	
Carbon Tetrachloride	ND	5.0	2.9	10		1,1,2,2-Tetrachloroethane	ND	10	4.5	10	
Chlorobenzene	ND	10	1.6	10		Tetrachloroethene	98	10	3.0	10	
Chloroethane	ND	10	7.0	10		Toluene	2.9	10.0	2.3	10	J,B
Chloroform	ND	10	2.9	10		1,2,3-Trichlorobenzene	ND	10	2.6	10	
Chloromethane	ND	100	21	10		1,2,4-Trichlorobenzene	ND	10	2.9	10	
2-Chlorotoluene	ND	10	1.6	10		1,1,1-Trichloroethane	ND	10	3.5	10	
4-Chlorotoluene	ND	10	1.8	10		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	100	6.1	10	
Dibromochloromethane	ND	10	3.9	10		1,1,2-Trichloroethane	ND	10	7.9	10	
1,2-Dibromo-3-Chloropropane	ND	50	31	10		Trichloroethene	200	10	3.1	10	
1,2-Dibromoethane	ND	10	4.1	10		Trichlorofluoromethane	ND	100	8.3	10	
Dibromomethane	ND	10	8.2	10		1,2,3-Trichloropropane	ND	50	28	10	
1,2-Dichlorobenzene	ND	10	1.5	10		1,2,4-Trimethylbenzene	ND	10	1.3	10	
1,3-Dichlorobenzene	ND	10	1.5	10		1,3,5-Trimethylbenzene	ND	10	8.6	10	
1,4-Dichlorobenzene	ND	10	1.7	10		Vinyl Acetate	ND	100	64	10	
Dichlorodifluoromethane	ND	10	3.3	10		Vinyl Chloride	ND	5.0	2.4	10	
1,1-Dichloroethane	ND	10	2.5	10		p/m-Xylene	ND	10	2.7	10	
1,2-Dichloroethane	ND	5.0	2.5	10		o-Xylene	ND	10	1.7	10	
1,1-Dichloroethene	ND	10	2.6	10		Methyl-t-Butyl Ether (MTBE)	ND	10	2.3	10	
c-1,2-Dichloroethene	1100	10	6.3	10		Tert-Butyl Alcohol (TBA)	ND	100	92	10	
t-1,2-Dichloroethene	26	10	8.3	10		Diisopropyl Ether (DIPE)	ND	20	3.9	10	
1,2-Dichloropropane	ND	10	5.5	10		Ethyl-t-Butyl Ether (ETBE)	ND	20	4.6	10	
1,3-Dichloropropane	ND	10	2.8	10		Tert-Amyl-Methyl Ether (TAME)	ND	20	5.0	10	
2,2-Dichloropropane	ND	10	2.9	10		Ethanol	ND	1000	700	10	
1,1-Dichloropropene	ND	10	6.2	10							

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	104	74-140		1,2-Dichloroethane-d4	108	74-146	
Toluene-d8	102	88-112		1,4-Bromofluorobenzene	94	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/28/06
Work Order No: 06-12-1673
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: AmeriPride 10770-003-300

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-16B	**06-12-1673-4**	**12/28/06**	**Aqueous**	**01/03/07**	**01/03/07**	**070103L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	8.7	50.0	7.0	1	J	c-1,3-Dichloropropene	ND	0.50	0.28	1	
Benzene	ND	0.50	0.19	1		t-1,3-Dichloropropene	ND	0.50	0.26	1	
Bromobenzene	ND	1.0	0.26	1		Ethylbenzene	ND	1.0	0.13	1	
Bromochloromethane	ND	1.0	0.88	1		2-Hexanone	ND	10	3.4	1	
Bromodichloromethane	ND	1.0	0.21	1		Isopropylbenzene	ND	1.0	0.10	1	
Bromoform	ND	1.0	0.87	1		p-Isopropyltoluene	ND	1.0	0.14	1	
Bromomethane	ND	10	3.5	1		Methylene Chloride	ND	10	9.7	1	
2-Butanone	ND	10	8.0	1		4-Methyl-2-Pentanone	ND	10	2.0	1	
n-Butylbenzene	ND	1.0	0.25	1		Naphthalene	ND	10	0.42	1	
sec-Butylbenzene	ND	1.0	0.29	1		n-Propylbenzene	ND	1.0	0.12	1	
tert-Butylbenzene	ND	1.0	0.19	1		Styrene	ND	1.0	0.16	1	
Carbon Disulfide	ND	10	1.8	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.44	1	
Carbon Tetrachloride	ND	0.50	0.29	1		1,1,2,2-Tetrachloroethane	ND	1.0	0.45	1	
Chlorobenzene	ND	1.0	0.16	1		Tetrachloroethene	7.9	1.0	0.30	1	
Chloroethane	ND	1.0	0.70	1		Toluene	0.25	1.00	0.23	1	J,B
Chloroform	0.75	1.00	0.29	1	J	1,2,3-Trichlorobenzene	ND	1.0	0.26	1	
Chloromethane	ND	10	2.1	1		1,2,4-Trichlorobenzene	ND	1.0	0.29	1	
2-Chlorotoluene	ND	1.0	0.16	1		1,1,1-Trichloroethane	ND	1.0	0.35	1	
4-Chlorotoluene	ND	1.0	0.18	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.61	1	
Dibromochloromethane	ND	1.0	0.39	1		1,1,2-Trichloroethane	ND	1.0	0.79	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	3.1	1		Trichloroethene	4.2	1.0	0.31	1	
1,2-Dibromoethane	ND	1.0	0.41	1		Trichlorofluoromethane	ND	10	0.83	1	
Dibromomethane	ND	1.0	0.82	1		1,2,3-Trichloropropane	ND	5.0	2.8	1	
1,2-Dichlorobenzene	ND	1.0	0.15	1		1,2,4-Trimethylbenzene	ND	1.0	0.13	1	
1,3-Dichlorobenzene	ND	1.0	0.15	1		1,3,5-Trimethylbenzene	ND	1.0	0.86	1	
1,4-Dichlorobenzene	ND	1.0	0.17	1		Vinyl Acetate	ND	10	6.4	1	
Dichlorodifluoromethane	ND	1.0	0.33	1		Vinyl Chloride	ND	0.50	0.24	1	
1,1-Dichloroethane	ND	1.0	0.25	1		p/m-Xylene	ND	1.0	0.27	1	
1,2-Dichloroethane	ND	0.50	0.25	1		o-Xylene	ND	1.0	0.17	1	
1,1-Dichloroethene	ND	1.0	0.26	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.23	1	
c-1,2-Dichloroethene	4.6	1.0	0.63	1		Tert-Butyl Alcohol (TBA)	ND	10	9.2	1	
t-1,2-Dichloroethene	ND	1.0	0.83	1		Diisopropyl Ether (DIPE)	ND	2.0	0.39	1	
1,2-Dichloropropane	ND	1.0	0.55	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	0.46	1	
1,3-Dichloropropane	ND	1.0	0.28	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	0.50	1	
2,2-Dichloropropane	ND	1.0	0.29	1		Ethanol	72	100	70	1	J
1,1-Dichloropropene	ND	1.0	0.62	1							

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	104	74-140		1,2-Dichloroethane-d4	110	74-146	
Toluene-d8	103	88-112		1,4-Bromofluorobenzene	95	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/28/06
Work Order No: 06-12-1673
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: AmeriPride 10770-003-300

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-16C	**06-12-1673-5**	**12/28/06**	**Aqueous**	**01/02/07**	**01/02/07**	**070102L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	50	7.0	1		c-1,3-Dichloropropene	ND	0.50	0.28	1	
Benzene	ND	0.50	0.19	1		t-1,3-Dichloropropene	ND	0.50	0.26	1	
Bromobenzene	ND	1.0	0.26	1		Ethylbenzene	ND	1.0	0.13	1	
Bromochloromethane	ND	1.0	0.88	1		2-Hexanone	ND	10	3.4	1	
Bromodichloromethane	ND	1.0	0.21	1		Isopropylbenzene	ND	1.0	0.10	1	
Bromoform	ND	1.0	0.87	1		p-Isopropyltoluene	ND	1.0	0.14	1	
Bromomethane	ND	10	3.5	1		Methylene Chloride	ND	10	9.7	1	
2-Butanone	ND	10	8.0	1		4-Methyl-2-Pentanone	ND	10	2.0	1	
n-Butylbenzene	ND	1.0	0.25	1		Naphthalene	ND	10	0.42	1	
sec-Butylbenzene	ND	1.0	0.29	1		n-Propylbenzene	ND	1.0	0.12	1	
tert-Butylbenzene	ND	1.0	0.19	1		Styrene	ND	1.0	0.16	1	
Carbon Disulfide	ND	10	1.8	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.44	1	
Carbon Tetrachloride	ND	0.50	0.29	1		1,1,2,2-Tetrachloroethane	ND	1.0	0.45	1	
Chlorobenzene	ND	1.0	0.16	1		Tetrachloroethene	6.6	1.0	0.30	1	
Chloroethane	ND	1.0	0.70	1		Toluene	ND	1.0	0.23	1	
Chloroform	ND	1.0	0.29	1		1,2,3-Trichlorobenzene	ND	1.0	0.26	1	
Chloromethane	ND	10	2.1	1		1,2,4-Trichlorobenzene	ND	1.0	0.29	1	
2-Chlorotoluene	ND	1.0	0.16	1		1,1,1-Trichloroethane	ND	1.0	0.35	1	
4-Chlorotoluene	ND	1.0	0.18	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.61	1	
Dibromochloromethane	ND	1.0	0.39	1		1,1,2-Trichloroethane	ND	1.0	0.79	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	3.1	1		Trichloroethene	16	1	0.31	1	
1,2-Dibromoethane	ND	1.0	0.41	1		Trichlorofluoromethane	ND	10	0.83	1	
Dibromomethane	ND	1.0	0.82	1		1,2,3-Trichloropropane	ND	5.0	2.8	1	
1,2-Dichlorobenzene	ND	1.0	0.15	1		1,2,4-Trimethylbenzene	ND	1.0	0.13	1	
1,3-Dichlorobenzene	ND	1.0	0.15	1		1,3,5-Trimethylbenzene	ND	1.0	0.86	1	
1,4-Dichlorobenzene	ND	1.0	0.17	1		Vinyl Acetate	ND	10	6.4	1	
Dichlorodifluoromethane	ND	1.0	0.33	1		Vinyl Chloride	ND	0.50	0.24	1	
1,1-Dichloroethane	ND	1.0	0.25	1		p/m-Xylene	ND	1.0	0.27	1	
1,2-Dichloroethane	ND	0.50	0.25	1		o-Xylene	ND	1.0	0.17	1	
1,1-Dichloroethene	ND	1.0	0.26	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.23	1	
c-1,2-Dichloroethene	11	1	0.63	1		Tert-Butyl Alcohol (TBA)	ND	10	9.2	1	
t-1,2-Dichloroethene	ND	1.0	0.83	1		Diisopropyl Ether (DIPE)	ND	2.0	0.39	1	
1,2-Dichloropropane	ND	1.0	0.55	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	0.46	1	
1,3-Dichloropropane	ND	1.0	0.28	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	0.50	1	
2,2-Dichloropropane	ND	1.0	0.29	1		Ethanol	93	100	70	1	J
1,1-Dichloropropene	ND	1.0	0.62	1							

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	105	74-140		1,2-Dichloroethane-d4	112	74-146	
Toluene-d8	103	88-112		1,4-Bromofluorobenzene	101	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/28/06
Work Order No: 06-12-1673
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: AmeriPride 10770-003-300

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-10-006-20,058**	**N/A**	**Aqueous**	**01/02/07**	**01/02/07**	**070102L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	50	7.0	1		c-1,3-Dichloropropene	ND	0.50	0.28	1	
Benzene	ND	0.50	0.19	1		t-1,3-Dichloropropene	ND	0.50	0.26	1	
Bromobenzene	ND	1.0	0.26	1		Ethylbenzene	ND	1.0	0.13	1	
Bromochloromethane	ND	1.0	0.88	1		2-Hexanone	ND	10	3.4	1	
Bromodichloromethane	ND	1.0	0.21	1		Isopropylbenzene	ND	1.0	0.10	1	
Bromoform	ND	1.0	0.87	1		p-Isopropyltoluene	ND	1.0	0.14	1	
Bromomethane	ND	10	3.5	1		Methylene Chloride	ND	10	9.7	1	
2-Butanone	ND	10	8.0	1		4-Methyl-2-Pentanone	ND	10	2.0	1	
n-Butylbenzene	ND	1.0	0.25	1		Naphthalene	ND	10	0.42	1	
sec-Butylbenzene	ND	1.0	0.29	1		n-Propylbenzene	ND	1.0	0.12	1	
tert-Butylbenzene	ND	1.0	0.19	1		Styrene	ND	1.0	0.16	1	
Carbon Disulfide	ND	10	1.8	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.44	1	
Carbon Tetrachloride	ND	0.50	0.29	1		1,1,2,2-Tetrachloroethane	ND	1.0	0.45	1	
Chlorobenzene	ND	1.0	0.16	1		Tetrachloroethene	ND	1.0	0.30	1	
Chloroethane	ND	1.0	0.70	1		Toluene	ND	1.0	0.23	1	
Chloroform	ND	1.0	0.29	1		1,2,3-Trichlorobenzene	ND	1.0	0.26	1	
Chloromethane	ND	10	2.1	1		1,2,4-Trichlorobenzene	ND	1.0	0.29	1	
2-Chlorotoluene	ND	1.0	0.16	1		1,1,1-Trichloroethane	ND	1.0	0.35	1	
4-Chlorotoluene	ND	1.0	0.18	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.61	1	
Dibromochloromethane	ND	1.0	0.39	1		1,1,2-Trichloroethane	ND	1.0	0.79	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	3.1	1		Trichloroethene	ND	1.0	0.31	1	
1,2-Dibromoethane	ND	1.0	0.41	1		Trichlorofluoromethane	ND	10	0.83	1	
Dibromomethane	ND	1.0	0.82	1		1,2,3-Trichloropropane	ND	5.0	2.8	1	
1,2-Dichlorobenzene	ND	1.0	0.15	1		1,2,4-Trimethylbenzene	ND	1.0	0.13	1	
1,3-Dichlorobenzene	ND	1.0	0.15	1		1,3,5-Trimethylbenzene	ND	1.0	0.86	1	
1,4-Dichlorobenzene	ND	1.0	0.17	1		Vinyl Acetate	ND	10	6.4	1	
Dichlorodifluoromethane	ND	1.0	0.33	1		Vinyl Chloride	ND	0.50	0.24	1	
1,1-Dichloroethane	ND	1.0	0.25	1		p/m-Xylene	ND	1.0	0.27	1	
1,2-Dichloroethane	ND	0.50	0.25	1		o-Xylene	ND	1.0	0.17	1	
1,1-Dichloroethene	ND	1.0	0.26	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.23	1	
c-1,2-Dichloroethene	ND	1.0	0.63	1		Tert-Butyl Alcohol (TBA)	ND	10	9.2	1	
t-1,2-Dichloroethene	ND	1.0	0.83	1		Diisopropyl Ether (DIPE)	ND	2.0	0.39	1	
1,2-Dichloropropane	ND	1.0	0.55	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	0.46	1	
1,3-Dichloropropane	ND	1.0	0.28	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	0.50	1	
2,2-Dichloropropane	ND	1.0	0.29	1		Ethanol	ND	100	70	1	
1,1-Dichloropropene	ND	1.0	0.62	1							

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	102	74-140		1,2-Dichloroethane-d4	104	74-146	
Toluene-d8	103	88-112		1,4-Bromofluorobenzene	99	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/28/06
Work Order No: 06-12-1673
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: AmeriPride 10770-003-300

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-10-006-20,068**	**N/A**	**Aqueous**	**01/03/07**	**01/03/07**	**070103L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	50	7.0	1		c-1,3-Dichloropropene	ND	0.50	0.28	1	
Benzene	ND	0.50	0.19	1		t-1,3-Dichloropropene	ND	0.50	0.26	1	
Bromobenzene	ND	1.0	0.26	1		Ethylbenzene	ND	1.0	0.13	1	
Bromochloromethane	ND	1.0	0.88	1		2-Hexanone	ND	10	3.4	1	
Bromodichloromethane	ND	1.0	0.21	1		Isopropylbenzene	ND	1.0	0.10	1	
Bromoform	ND	1.0	0.87	1		p-Isopropyltoluene	ND	1.0	0.14	1	
Bromomethane	ND	10	3.5	1		Methylene Chloride	ND	10	9.7	1	
2-Butanone	ND	10	8.0	1		4-Methyl-2-Pentanone	ND	10	2.0	1	
n-Butylbenzene	ND	1.0	0.25	1		Naphthalene	1.1	10.0	0.42	1	J
sec-Butylbenzene	ND	1.0	0.29	1		n-Propylbenzene	ND	1.0	0.12	1	
tert-Butylbenzene	ND	1.0	0.19	1		Styrene	ND	1.0	0.16	1	
Carbon Disulfide	ND	10	1.8	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.44	1	
Carbon Tetrachloride	ND	0.50	0.29	1		1,1,2,2-Tetrachloroethane	ND	1.0	0.45	1	
Chlorobenzene	ND	1.0	0.16	1		Tetrachloroethene	ND	1.0	0.30	1	
Chloroethane	ND	1.0	0.70	1		Toluene	0.48	1.00	0.23	1	J
Chloroform	ND	1.0	0.29	1		1,2,3-Trichlorobenzene	0.44	1.00	0.26	1	J
Chloromethane	ND	10	2.1	1		1,2,4-Trichlorobenzene	0.36	1.00	0.29	1	J
2-Chlorotoluene	ND	1.0	0.16	1		1,1,1-Trichloroethane	ND	1.0	0.35	1	
4-Chlorotoluene	ND	1.0	0.18	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.61	1	
Dibromochloromethane	ND	1.0	0.39	1		1,1,2-Trichloroethane	ND	1.0	0.79	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	3.1	1		Trichloroethene	ND	1.0	0.31	1	
1,2-Dibromoethane	ND	1.0	0.41	1		Trichlorofluoromethane	ND	10	0.83	1	
Dibromomethane	ND	1.0	0.82	1		1,2,3-Trichloropropane	ND	5.0	2.8	1	
1,2-Dichlorobenzene	ND	1.0	0.15	1		1,2,4-Trimethylbenzene	ND	1.0	0.13	1	
1,3-Dichlorobenzene	ND	1.0	0.15	1		1,3,5-Trimethylbenzene	ND	1.0	0.86	1	
1,4-Dichlorobenzene	ND	1.0	0.17	1		Vinyl Acetate	ND	10	6.4	1	
Dichlorodifluoromethane	ND	1.0	0.33	1		Vinyl Chloride	ND	0.50	0.24	1	
1,1-Dichloroethane	ND	1.0	0.25	1		p/m-Xylene	0.35	1.00	0.27	1	J
1,2-Dichloroethane	ND	0.50	0.25	1		o-Xylene	ND	1.0	0.17	1	
1,1-Dichloroethene	ND	1.0	0.26	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.23	1	
c-1,2-Dichloroethene	ND	1.0	0.63	1		Tert-Butyl Alcohol (TBA)	ND	10	9.2	1	
t-1,2-Dichloroethene	ND	1.0	0.83	1		Diisopropyl Ether (DIPE)	ND	2.0	0.39	1	
1,2-Dichloropropane	ND	1.0	0.55	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	0.46	1	
1,3-Dichloropropane	ND	1.0	0.28	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	0.50	1	
2,2-Dichloropropane	ND	1.0	0.29	1		Ethanol	ND	100	70	1	
1,1-Dichloropropene	ND	1.0	0.62	1							

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	108	74-140		1,2-Dichloroethane-d4	109	74-146	
Toluene-d8	101	88-112		1,4-Bromofluorobenzene	96	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/28/06
Work Order No: 06-12-1673
Preparation: N/A
Method: EPA 300.0

Project AmeriPride 10770-003-300

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
06-12-1650-1	**Aqueous**	**IC 7**	**N/A**	**12/28/06**	**061228S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Nitrite (as N)	97	97	68-122	0	0-8	
Nitrate (as N)	94	96	58-142	1	0-6	
Sulfate	133	132	49-133	0	0-3	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/28/06
Work Order No: 06-12-1673
Preparation: N/A
Method: SM3500-FeD

Project AmeriPride 10770-003-300

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
06-12-1698-3	**Aqueous**	**UV 2**	**12/28/06**	**12/28/06**	**61228FES1**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Iron (II)	93	100	70-130	7	0-25	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/28/06
Work Order No: 06-12-1673
Preparation: EPA 5030B
Method: EPA 8015B (M)

Project AmeriPride 10770-003-300

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
MW-3	**Aqueous**	**GC 30**	**12/28/06**	**12/28/06**	**061228S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	88	68	68-122	26	0-18	4

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/28/06
Work Order No: 06-12-1673
Preparation: EPA 5030B
Method: EPA 8260B

Project AmeriPride 10770-003-300

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
06-12-1649-1	**Aqueous**	**GC/MS O**	**01/02/07**	**01/02/07**	**070102S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	99	98	88-118	1	0-7	
Carbon Tetrachloride	106	104	67-145	2	0-11	
Chlorobenzene	102	102	88-118	0	0-7	
1,2-Dichlorobenzene	103	105	86-116	1	0-8	
1,1-Dichloroethene	103	96	70-130	7	0-25	
Toluene	100	101	87-123	1	0-8	
Trichloroethene	103	102	79-127	1	0-10	
Vinyl Chloride	94	95	69-129	1	0-13	
Methyl-t-Butyl Ether (MTBE)	93	94	71-131	2	0-13	
Tert-Butyl Alcohol (TBA)	75	83	36-168	11	0-45	
Diisopropyl Ether (DIPE)	102	98	81-123	1	0-9	
Ethyl-t-Butyl Ether (ETBE)	96	97	72-126	1	0-12	
Tert-Amyl-Methyl Ether (TAME)	95	97	72-126	2	0-12	
Ethanol	100	106	53-149	6	0-31	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: 12/28/06
Work Order No: 06-12-1673
Preparation: EPA 5030B
Method: EPA 8260B

Project AmeriPride 10770-003-300

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
MW-16B	**Aqueous**	**GC/MS EE**	**01/03/07**	**01/03/07**	**070103S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	106	106	88-118	0	0-7	
Carbon Tetrachloride	101	102	67-145	1	0-11	
Chlorobenzene	102	102	88-118	0	0-7	
1,2-Dichlorobenzene	94	96	86-116	2	0-8	
1,1-Dichloroethene	118	118	70-130	0	0-25	
Toluene	110	111	87-123	1	0-8	
Trichloroethene	110	109	79-127	1	0-10	
Vinyl Chloride	91	89	69-129	2	0-13	
Methyl-t-Butyl Ether (MTBE)	103	103	71-131	0	0-13	
Tert-Butyl Alcohol (TBA)	94	90	36-168	5	0-45	
Diisopropyl Ether (DIPE)	106	106	81-123	1	0-9	
Ethyl-t-Butyl Ether (ETBE)	103	104	72-126	1	0-12	
Tert-Amyl-Methyl Ether (TAME)	101	100	72-126	1	0-12	
Ethanol	117	96	53-149	19	0-31	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: N/A
Work Order No: 06-12-1673
Preparation: N/A
Method: RSK-175M

Project: AmeriPride 10770-003-300

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-010-1,614	**Aqueous**	**GC 33**	**N/A**	**12/28/06**	**061228L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Methane	101	101	79-109	0	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International		Date Received:	N/A
999 W. Town and Country Rd, 4th		Work Order No:	06-12-1673
Orange, CA 92868-4713		Preparation:	N/A
		Method:	EPA 300.0

Project: AmeriPride 10770-003-300

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-05-118-3,727	**Aqueous**	**IC 7**	**N/A**	**12/28/06**	**061228L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Nitrite (as N)	93	94	73-115	1	0-26	
Nitrate (as N)	94	92	87-111	2	0-12	
Sulfate	98	97	89-107	1	0-13	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Laboratory Control Sample

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International		Date Received:	N/A
999 W. Town and Country Rd, 4th		Work Order No:	06-12-1673
Orange, CA 92868-4713		Preparation:	N/A
		Method:	SM3500-FeD

Project: AmeriPride 10770-003-300

Quality Control Sample ID	Matrix	Instrument	Date Analyzed	Lab File ID	LCS Batch Number
099-05-111-2,420	**Aqueous**	**UV 2**	**12/28/06**	**NONE**	**61228FEL1**

Parameter	Conc Added	Conc Recovered	LCS %Rec	%Rec CL	Qualifiers
Iron (II)	1.0	0.96	96	80-120	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ENSR International
999 W. Town and Country Rd, 4th
Orange, CA 92868-4713

Date Received: N/A
Work Order No: 06-12-1673
Preparation: EPA 3510C
Method: EPA 8015B (M)

Project: AmeriPride 10770-003-300

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-308-126	**Aqueous**	**GC 23**	**12/28/06**	**12/29/06**	**061228B10**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Diesel	90	90	75-117	0	0-13	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International		Date Received:	N/A
999 W. Town and Country Rd, 4th		Work Order No:	06-12-1673
Orange, CA 92868-4713		Preparation:	EPA 5030B
		Method:	EPA 8015B (M)

Project: AmeriPride 10770-003-300

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-436-108	**Aqueous**	**GC 30**	**12/28/06**	**12/28/06**	**061228B01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	95	89	78-120	7	0-10	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International	Date Received:	N/A
999 W. Town and Country Rd, 4th	Work Order No:	06-12-1673
Orange, CA 92868-4713	Preparation:	EPA 5030B
	Method:	EPA 8260B

Project: AmeriPride 10770-003-300

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-10-006-20,058	**Aqueous**	**GC/MS O**	**01/02/07**	**01/02/07**	**070102L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	98	99	84-120	2	0-8	
Carbon Tetrachloride	106	106	63-147	1	0-10	
Chlorobenzene	101	101	89-119	1	0-7	
1,2-Dichlorobenzene	102	102	89-119	1	0-9	
1,1-Dichloroethene	97	102	77-125	6	0-16	
Toluene	99	101	83-125	2	0-9	
Trichloroethene	101	102	89-119	1	0-8	
Vinyl Chloride	98	98	63-135	0	0-13	
Methyl-t-Butyl Ether (MTBE)	93	92	82-118	1	0-13	
Tert-Butyl Alcohol (TBA)	74	72	46-154	2	0-32	
Diisopropyl Ether (DIPE)	98	99	81-123	1	0-11	
Ethyl-t-Butyl Ether (ETBE)	97	96	74-122	1	0-12	
Tert-Amyl-Methyl Ether (TAME)	95	95	76-124	1	0-10	
Ethanol	92	81	60-138	13	0-32	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International	Date Received:	N/A
999 W. Town and Country Rd, 4th	Work Order No:	06-12-1673
Orange, CA 92868-4713	Preparation:	EPA 5030B
	Method:	EPA 8260B

Project: AmeriPride 10770-003-300

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-10-006-20,068	**Aqueous**	**GC/MS EE**	**01/03/07**	**01/03/07**	**070103L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	100	106	84-120	6	0-8	
Carbon Tetrachloride	99	104	63-147	5	0-10	
Chlorobenzene	97	101	89-119	4	0-7	
1,2-Dichlorobenzene	92	96	89-119	4	0-9	
1,1-Dichloroethene	110	118	77-125	6	0-16	
Toluene	106	109	83-125	3	0-9	
Trichloroethene	105	110	89-119	4	0-8	
Vinyl Chloride	91	90	63-135	1	0-13	
Methyl-t-Butyl Ether (MTBE)	99	102	82-118	2	0-13	
Tert-Butyl Alcohol (TBA)	83	82	46-154	1	0-32	
Diisopropyl Ether (DIPE)	101	105	81-123	4	0-11	
Ethyl-t-Butyl Ether (ETBE)	100	103	74-122	3	0-12	
Tert-Amyl-Methyl Ether (TAME)	96	100	76-124	4	0-10	
Ethanol	94	113	60-138	18	0-32	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 06-12-1673

Qualifier	Definition
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike or Matrix Spike Duplicate compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

Alpha Environmental Laboratories, Inc.
7440 LINCOLN WAY
GARDEN GROVE, CA 92841-1432
TEL: (714) 895-5494 . FAX: (714) 894-7501

CHAIN OF CUSTODY RECORD

DATE:

PAGE: 1 OF 21

LABORATORY CLIENT: ENSR

ADDRESS: 999 West Town and Country Road, 4th Floor

CITY: Orange, CA 92868

TEL: 714-973-9740 FAX: 714-973-9750 E-MAIL: jotter@ensr.aecom.com

CLIENT PROJECT NAME / NUMBER: AmeriPride 10770-003-300

PROJECT CONTACT: Jeff Otter

SAMPLER(S): (SIGNATURE)

P.O. NO.:

QUOTE NO.:

LAB USE ONLY: 121673

TURNAROUND TIME

☐ SAME DAY ☐ 24 HR ☐ 48HR ☐ 72 HR ☒ Normal

SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY)

☐ RWQCB REPORTING ☐ ARCHIVE SAMPLES UNTIL ___/___/___

SPECIAL INSTRUCTIONS

REQUESTED ANALYSIS

LAB USE ONLY	SAMPLE ID	LOCATION/ DESCRIPTION	SAMPLING DATE	SAMPLING TIME	Matrix	#Cont	8260B (Full Scan & Oxygenates)	8015M (TPH-g)	8015M (TPH-D)	Ferrous Iron	Sulfate	Nitrate	Nitrite	Methane	8270M (1,4-Dioxane)
1	DUP-2	Field Duplicate	12/28/06	—	W	3	X								
2	MW-3	Standard Sample		1045	W	10	X	X	X	X	X	X	X	X	
3	MW-16A			1100	W	10	X	X	X	X	X	X	X	X	
4	MW-16B			1055	W	10	X	X	X	X	X	X	X	X	
5	MW-16C			1110	W	10	X	X	X	X	X	X	X	X	

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
		12/28/06	1149
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 06-12-1673

Cooler 1 **of** 1

SAMPLE RECEIPT FORM

CLIENT: ENSR **DATE:** 12/28/06

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

_____ Chilled, cooler with temperature blank provided.
_____ Chilled, cooler without temperature blank.
_____ Chilled and placed in cooler with wet ice.
_____ Ambient and placed in cooler with wet ice.
_____ Ambient temperature.

_____ °C Temperature blank.

LABORATORY (Other than Calscience Courier):

_____ °C Temperature blank.
2.5 °C IR thermometer.
_____ Ambient temperature.

Initial: NC

CUSTODY SEAL INTACT:

Sample(s): _____ Cooler: _____ No (Not Intact) : _____ Not Applicable (N/A): ✓

Initial: NC

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples	✓		
Sampler's name indicated on COC		✓	
Sample container label(s) consistent with custody papers	✓		
Sample container(s) intact and good condition	✓		
Correct containers and volume for analyses requested	✓		
Proper preservation noted on sample label(s)	✓		
VOA vial(s) free of headspace.	✓		
Tedlar bag(s) free of condensation			✓

Initial: NC

COMMENTS:

City of Los Angeles
Department of City Planning

6/19/2019
PARCEL PROFILE REPORT

PROPERTY ADDRESSES

3419 N PASADENA AVE
3417 N PASADENA AVE
3413 N PASADENA AVE
3411 N PASADENA AVE
3407 N PASADENA AVE
3401 N PASADENA AVE
3415 N PASADENA AVE

ZIP CODES

90031

RECENT ACTIVITY

Adaptive Reuse Incentive Spec. Plan - ORD 175038
ZA-2016-272-ZAA-SPR-CLQ

CASE NUMBERS

CPC-2018-5580-SP
CPC-2009-598-CA-SP
CPC-2008-3125-CA
CPC-2006-5242-ZC-GPA
CPC-1989-177
CPC-1986-826-GPC
CASE-6453
ORD-182617
ORD-182498
ORD-179280-SA4
ORD-172316
ORD-166216-SA2924
ZA-2016-272-ZAA-SPR-CLQ
ZA-19XX-9131
ZA-19XX-6453
ENV-2016-273-MND
ENV-2013-3392-CE
ENV-2009-599-EIR

Address/Legal Information	
PIN Number	142-5A223 199
Lot/Parcel Area (Calculated)	28,793.4 (sq ft)
Thomas Brothers Grid	PAGE 595 - GRID A6
Assessor Parcel No. (APN)	5205004003
Tract	TR 23801
Map Reference	M B 682-49/50
Block	None
Lot	3
Arb (Lot Cut Reference)	None
Map Sheet	142-5A223
Jurisdictional Information	
Community Plan Area	Northeast Los Angeles
Area Planning Commission	East Los Angeles
Neighborhood Council	Lincoln Heights
Council District	CD 1 - Gilbert Cedillo
Census Tract #	1990.00
LADBS District Office	Los Angeles Metro
Planning and Zoning Information	
Special Notes	None
Zoning	[T][Q]CM-2D
Zoning Information (ZI)	ZI-2129 EAST LOS ANGELES STATE ENTERPRISE ZONE
	ZI-2427 Freeway Adjacent Advisory Notice for Sensitive Uses
	ZI-2452 Transit Priority Area in the City of Los Angeles
General Plan Land Use	Commercial Manufacturing
General Plan Note(s)	Yes
Hillside Area (Zoning Code)	No
Specific Plan Area	Cornfield / Arroyo Seco
Subarea	None
Special Land Use / Zoning	None
Design Review Board	No
Historic Preservation Review	No
Historic Preservation Overlay Zone	None
Other Historic Designations	None
Other Historic Survey Information	None
Mills Act Contract	None
CDO: Community Design Overlay	None
CPIO: Community Plan Imp. Overlay	None
Subarea	None
CUGU: Clean Up-Green Up	None
HCR: Hillside Construction Regulation	No
NSO: Neighborhood Stabilization Overlay	No
POD: Pedestrian Oriented Districts	None
RFA: Residential Floor Area District	None
RIO: River Implementation Overlay	No
SN: Sign District	No
Streetscape	No

This report is subject to the terms and conditions as set forth on the website. For more details, please refer to the terms and conditions at zimas.lacity.org
(*) - APN Area is provided "as is" from the Los Angeles County's Public Works, Flood Control, Benefit Assessment.

Adaptive Reuse Incentive Area	Adaptive Reuse Incentive Areas
Affordable Housing Linkage Fee	
Residential Market Area	Medium
Non-Residential Market Area	Medium
Transit Oriented Communities (TOC)	Tier 3
CRA - Community Redevelopment Agency	None
Central City Parking	No
Downtown Parking	No
Building Line	None
500 Ft School Zone	Active: Hillside Elementary School
500 Ft Park Zone	Active: Mt. Olympus Park
Assessor Information	
Assessor Parcel No. (APN)	5205004003
APN Area (Co. Public Works)*	0.660 (ac)
Use Code	3100 - Industrial - Light Manufacturing - One Story
Assessed Land Val.	$1,837,598
Assessed Improvement Val.	$612,529
Last Owner Change	01/10/2006
Last Sale Amount	$2,025,020
Tax Rate Area	4
Deed Ref No. (City Clerk)	6-419
	56827
Building 1	
Year Built	1948
Building Class	SX
Number of Units	0
Number of Bedrooms	0
Number of Bathrooms	0
Building Square Footage	4,040.0 (sq ft)
Building 2	
Year Built	1925
Building Class	C45A
Number of Units	0
Number of Bedrooms	0
Number of Bathrooms	0
Building Square Footage	9,600.0 (sq ft)
Building 3	No data for building 3
Building 4	No data for building 4
Building 5	No data for building 5
Additional Information	
Airport Hazard	None
Coastal Zone	None
Farmland	Area Not Mapped
Urban Agriculture Incentive Zone	YES
Very High Fire Hazard Severity Zone	No
Fire District No. 1	No
Flood Zone	None
Watercourse	No
Hazardous Waste / Border Zone Properties	No
Methane Hazard Site	None
High Wind Velocity Areas	No
Special Grading Area (BOE Basic Grid Map A-13372)	No
Oil Wells	None
Seismic Hazards	

This report is subject to the terms and conditions as set forth on the website. For more details, please refer to the terms and conditions at zimas.lacity.org
(*) - APN Area is provided "as is" from the Los Angeles County's Public Works, Flood Control, Benefit Assessment.

Active Fault Near-Source Zone	
Nearest Fault (Distance in km)	1.47544536
Nearest Fault (Name)	Upper Elysian Park
Region	Los Angeles Blind Thrusts
Fault Type	B
Slip Rate (mm/year)	1.30000000
Slip Geometry	Reverse
Slip Type	Poorly Constrained
Down Dip Width (km)	13.00000000
Rupture Top	3.00000000
Rupture Bottom	13.00000000
Dip Angle (degrees)	50.00000000
Maximum Magnitude	6.40000000
Alquist-Priolo Fault Zone	No
Landslide	No
Liquefaction	Yes
Preliminary Fault Rupture Study Area	No
Tsunami Inundation Zone	No
Economic Development Areas	
Business Improvement District	LINCOLN HEIGHTS INDUSTRIAL ZONE
Opportunity Zone	Yes
Promise Zone	None
Renewal Community	No
Revitalization Zone	Central City
State Enterprise Zone	EAST LOS ANGELES STATE ENTERPRISE ZONE
Targeted Neighborhood Initiative	None
Housing	
Direct all Inquiries to	Housing+Community Investment Department
Telephone	(866) 557-7368
Website	http://hcidla.lacity.org
Rent Stabilization Ordinance (RSO)	No
Ellis Act Property	No
Public Safety	
Police Information	
Bureau	Central
Division / Station	Hollenbeck
Reporting District	412
Fire Information	
Bureau	Central
Batallion	2
District / Fire Station	1
Red Flag Restricted Parking	No

This report is subject to the terms and conditions as set forth on the website. For more details, please refer to the terms and conditions at zimas.lacity.org
(*) - APN Area is provided "as is" from the Los Angeles County's Public Works, Flood Control, Benefit Assessment.

CASE SUMMARIES

Note: Information for case summaries is retrieved from the Planning Department's Plan Case Tracking System (PCTS) database.

Case Number:	CPC-2018-5580-SP
Required Action(s):	SP-SPECIFIC PLAN (INCLUDING AMENDMENTS)
Project Descriptions(s):	SPECIFIC PLAN AMENDMENT (11.5.7G)
Case Number:	CPC-2009-598-CA-SP
Required Action(s):	SP-SPECIFIC PLAN (INCLUDING AMENDMENTS)
	CA-CODE AMENDMENT
Project Descriptions(s):	THE CORNFIELD ARROYO SPECIFIC PLAN (CASP) WILL GUIDE THE FUTURE DEVELOPMENT OF AN APPROXIMATELY 660 ACRE AREA THAT IS LOCATED WITHIN PORTIONS OF THE CENTRAL CITY NORTH, NORTHEAST, AND SILVERLAKE-ECHO PARK COMMUNITY PLAN AREAS. THE CASP IS INTENDED TO SERVE AS A FRAMEWORK FOR CREATING AN ENVIRONMENTALLY SUSTAINABLE, INCLUSIVE, AND ECONOMICALLY VIABLE AREA. POLICIES INCLUDED IN THE CASP ACCOMODATE A RANGE OF HOUSING OPTIONS, NEW PUBLIC SPACES, OPPORTUNITIES FOR WALKING AND BICYCLING, AND CLUSTERS FOR BOTH EXISTING INDUSTRIAL BUSINESSES AND THE CLEAN TECHNOLOGY BUSINESSES OF THE FUTURE.
Case Number:	CPC-2008-3125-CA
Required Action(s):	CA-CODE AMENDMENT
Project Descriptions(s):	THE ADDITION OF A RIVER IMPROVEMENT OVERLAY (RIO) DISTRICT AS SECTION 13.12 OF THE L.A.M.C. IN RESPONSE TO THE LOS ANGELES RIVER REVITALIZATION MASTER PLAN (LARRMP) THAT WAS ADOPTED IN MAY 2007. THIS SUPPLEMENTAL USE DISTRICT WOULD ESTABLISH STANDARDS FOR NEW DEVELOPMENT ALONG WATERWAYS
Case Number:	CPC-2006-5242-ZC-GPA
Required Action(s):	GPA-GENERAL PLAN AMENDMENT
	ZC-ZONE CHANGE
Project Descriptions(s):	ZONE CHANGE AND LAND USE PLAN AMENDMENT TO THE NORTHEAST LOS ANGELES COMMUNITY PLAN PORTION OF THE LAND USE ELEMENT OF THE CITY'S GENERAL PLAN.
Case Number:	CPC-1989-177
Required Action(s):	Data Not Available
Project Descriptions(s):	INTERIM CONTROL ORDINANCE FOR THE ENTIRE NORTHEAST LOS ANGELESDISTRICT PLAN
	CONTINUATION OF CPC-89-0177. SEE GENERAL COMMENTS FOR CONTINUATION.
Case Number:	CPC-1986-826-GPC
Required Action(s):	GPC-GENERAL PLAN/ZONING CONSISTENCY (AB283)
Project Descriptions(s):	GENERAL PLAN/ZONING CONSISTENCY - ZONE CHANGES - HEIGHT DISTRICT CHANGES AND PLAN AMENDMENTS - VARIOUS LOCATIONS
Case Number:	ZA-2016-272-ZAA-SPR-CLQ
Required Action(s):	CLQ-CLARIFICATION OF 'Q' CONDITIONS
	SPR-SITE PLAN REVIEW
	ZAA-AREA,HEIGHT,YARD,AND BLDG LINE ADJMNTS GT 20% (SLIGHT MODIFICATIONS)
Project Descriptions(s):	PURSUANT TO LAMC 12.27 THE APPLICANT REQUEST A ZONE VARIANCE TO PERMIT A DENSITY OF 1 DWELLING/534 PER SQUARE IN LIEU OF THE 1/800 AS REQUIRED BY 12.17.1; PURSUANT TO 16.05 THE APPLICANT REQUEST SITE PLAN REVIEW FOR A PROJECT WITH MORE THAN 50 UNITS; AND PURSUANT TO 12.24W1 THE APPLICANT REQUEST A MASTER CUB FOR A 10,000 SQFT RETAIL SPACE, ALL IN CONJUNCTION WITH CONSTRUCTION OF A NEW 410 RESIDENTIAL PROJECT OVER SEVERAL BUILDINGS AND REHABILITATION OF SEVERAL EXISTING BUILDINGS.
Case Number:	ZA-19XX-9131
Required Action(s):	Data Not Available
Project Descriptions(s):	
Case Number:	ZA-19XX-6453
Required Action(s):	Data Not Available
Project Descriptions(s):	
Case Number:	ENV-2016-273-MND
Required Action(s):	MND-MITIGATED NEGATIVE DECLARATION
Project Descriptions(s):	PURSUANT TO LAMC 12.27 THE APPLICANT REQUEST A ZONE VARIANCE TO PERMIT A DENSITY OF 1 DWELLING/534 PER SQUARE IN LIEU OF THE 1/800 AS REQUIRED BY 12.17.1; PURSUANT TO 16.05 THE APPLICANT REQUEST SITE PLAN REVIEW FOR A PROJECT WITH MORE THAN 50 UNITS; AND PURSUANT TO 12.24W1 THE APPLICANT REQUEST A MASTER CUB FOR A 10,000 SQFT RETAIL SPACE, ALL IN CONJUNCTION WITH CONSTRUCTION OF A NEW 410 RESIDENTIAL PROJECT OVER SEVERAL BUILDINGS AND REHABILITATION OF SEVERAL EXISTING BUILDINGS.
Case Number:	ENV-2013-3392-CE
Required Action(s):	CE-CATEGORICAL EXEMPTION
Project Descriptions(s):	THE PROPOSED ORDINANCE MODIFIES SECTION 22.119 OF THE LOS ANGELES ADMINISTRATIVE CODE TO ALLOW ORIGINAL ART MURALS ON LOTS DEVELOPED WITH ONLY ONE SINGLE-FAMILY RESIDENTIAL STRUCTURE AND THAT ARE LOCATED WITHIN COUNCIL DISTRICTS 1, 9, AND 14.
Case Number:	ENV-2009-599-EIR

This report is subject to the terms and conditions as set forth on the website. For more details, please refer to the terms and conditions at zimas.lacity.org
(*) - APN Area is provided "as is" from the Los Angeles County's Public Works, Flood Control, Benefit Assessment.

Required Action(s): EIR-ENVIRONMENTAL IMPACT REPORT

Project Descriptions(s): THE CORNFIELD ARROYO SPECIFIC PLAN (CASP) WILL GUIDE THE FUTURE DEVELOPMENT OF AN APPROXIMATELY 660 ACRE AREA THAT IS LOCATED WITHIN PORTIONS OF THE CENTRAL CITY NORTH, NORTHEAST, AND SILVERLAKE-ECHO PARK COMMUNITY PLAN AREAS. THE CASP IS INTENDED TO SERVE AS A FRAMEWORK FOR CREATING AN ENVIRONMENTALLY SUSTAINABLE, INCLUSIVE, AND ECONOMICALLY VIABLE AREA. POLICIES INCLUDED IN THE CASP ACCOMODATE A RANGE OF HOUSING OPTIONS, NEW PUBLIC SPACES, OPPORTUNITIES FOR WALKING AND BICYCLING, AND CLUSTERS FOR BOTH EXISTING INDUSTRIAL BUSINESSES AND THE CLEAN TECHNOLOGY BUSINESSES OF THE FUTURE.

DATA NOT AVAILABLE

CASE-6453

ORD-182617

ORD-182498

ORD-179280-SA4

ORD-172316

ORD-166216-SA2924

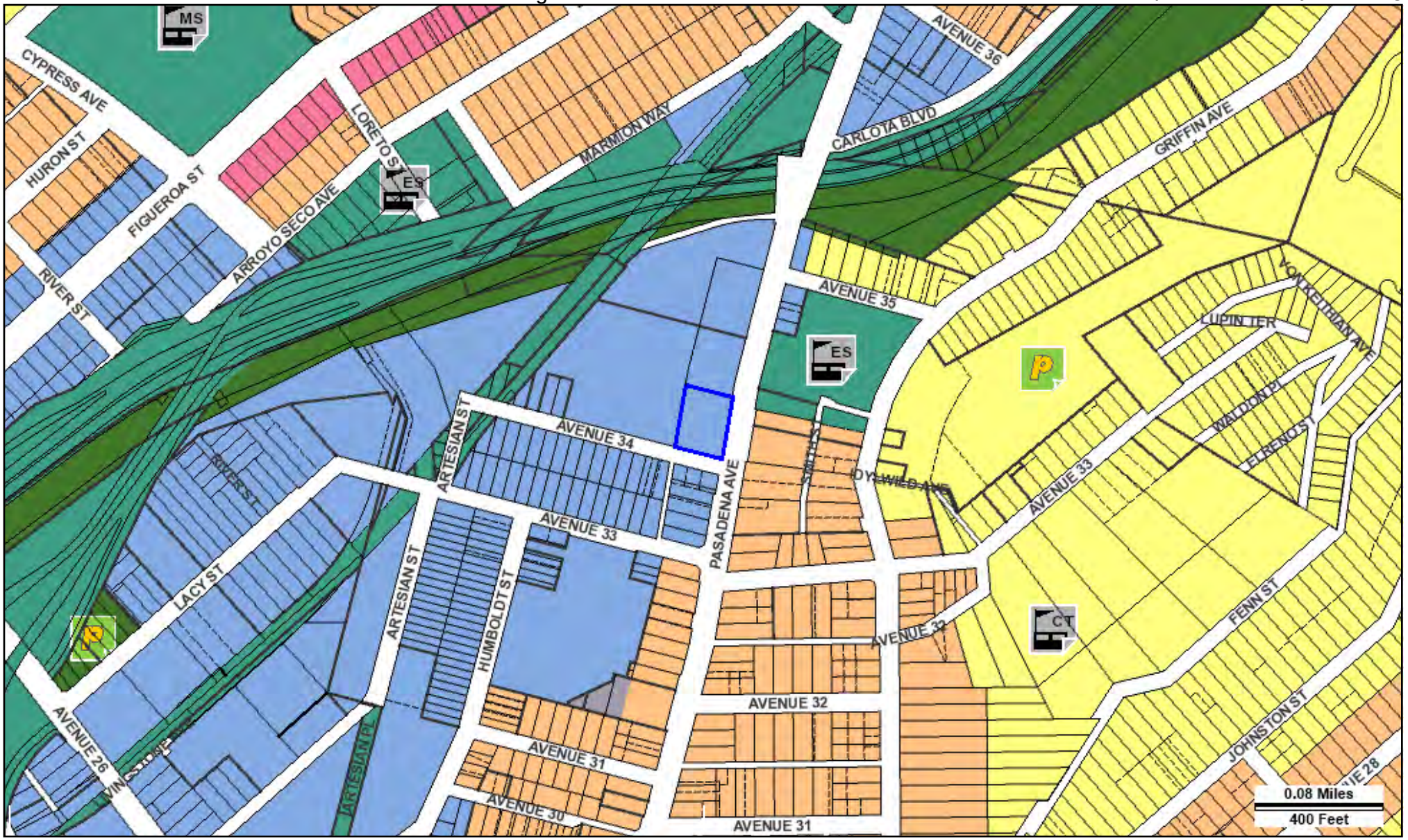
This report is subject to the terms and conditions as set forth on the website. For more details, please refer to the terms and conditions at zimas.lacity.org
(*) - APN Area is provided "as is" from the Los Angeles County's Public Works, Flood Control, Benefit Assessment.

ZIMAS PUBLIC

Generalized Zoning

06/19/2019

City of Los Angeles
Department of City Planning



Address: 3401 N PASADENA AVE
APN: 5205004003
PIN #: 142-5A223 199

Tract: TR 23801
Block: None
Lot: 3
Arb: None

Zoning: [T][Q]CM-2D
General Plan: Commercial Manufacturing

Streets Copyright (c) Thomas Brothers Maps, Inc.

LEGEND

GENERALIZED ZONING

- OS, GW
- A, RA
- RE, RS, R1, RU, RZ, RW1
- R2, RD, RMP, RW2, R3, RAS, R4, R5, PVSP
- CR, C1, C1.5, C2, C4, C5, CW, WC, ADP, LASED, CEC, USC, PPSP
- CM, MR, CCS, UV, UI, UC, M1, M2, LAX, M3, SL
- P, PB
- PF

GENERAL PLAN LAND USE

LAND USE

RESIDENTIAL

- Minimum Residential
- Very Low / Very Low I Residential
- Very Low II Residential
- Low / Low I Residential
- Low II Residential
- Low Medium / Low Medium I Residential
- Low Medium II Residential
- Medium Residential
- High Medium Residential
- High Density Residential
- Very High Medium Residential

COMMERCIAL

- Limited Commercial
- Limited Commercial - Mixed Medium Residential
- Highway Oriented Commercial
- Highway Oriented and Limited Commercial
- Highway Oriented Commercial - Mixed Medium Residential
- Neighborhood Office Commercial
- Community Commercial
- Community Commercial -Mixed High Residential
- Regional Center Commercial

INDUSTRIAL

- Commercial Manufacturing
- Limited Manufacturing
- Light Manufacturing
- Heavy Manufacturing
- Hybrid Industrial

PARKING

- Parking Buffer

PORT OF LOS ANGELES

- General / Bulk Cargo - Non Hazardous (Industrial / Commercial)
- General / Bulk Cargo - Hazard
- Commercial Fishing
- Recreation and Commercial
- Intermodal Container Transfer Facility Site

LOS ANGELES INTERNATIONAL AIRPORT

- Airport Landside / Airport Landside Support
- Airport Airside
- LAX Airport Northside

OPEN SPACE / PUBLIC FACILITIES

- Open Space
- Public / Open Space
- Public / Quasi-Public Open Space
- Other Public Open Space
- Public Facilities

FRAMEWORK

COMMERCIAL

- Neighborhood Commercial
- General Commercial
- Community Commercial
- Regional Mixed Commercial

INDUSTRIAL

- Limited Industrial
- Light Industrial

CIRCULATION

STREET

- Arterial Mountain Road
- Collector Scenic Street
- Collector Street
- Collector Street (Hillside)
- Collector Street (Modified)
- Collector Street (Proposed)
- Country Road
- Divided Major Highway II
- Divided Secondary Scenic Highway
- Local Scenic Road
- Local Street
- Major Highway (Modified)
- Major Highway I
- Major Highway II
- Major Highway II (Modified)
- Major Scenic Highway
- Major Scenic Highway (Modified)
- Major Scenic Highway II
- Mountain Collector Street
- Park Road
- Parkway
- Principal Major Highway
- Private Street
- Scenic Divided Major Highway II
- Scenic Park
- Scenic Parkway
- Secondary Highway
- Secondary Highway (Modified)
- Secondary Scenic Highway
- Special Collector Street
- Super Major Highway

FREEWAYS

- Freeway
- Interchange
- On-Ramp / Off- Ramp
- Railroad
- Scenic Freeway Highway

MISC. LINES

- Airport Boundary
- Bus Line
- Coastal Zone Boundary
- Coastline Boundary
- Collector Scenic Street (Proposed)
- Commercial Areas
- Commercial Center
- Community Redevelopment Project Area
- Country Road
- DWP Power Lines
- Desirable Open Space
- Detached Single Family House
- Endangered Ridgeline
- Equestrian and/or Hiking Trail
- Hiking Trail
- Historical Preservation
- Horsekeeping Area
- Local Street
- MSA Desirable Open Space
- Major Scenic Controls
- Multi-Purpose Trail
- Natural Resource Reserve
- Park Road
- Park Road (Proposed)
- Quasi-Public
- Rapid Transit Line
- Residential Planned Development
- Scenic Highway (Obsolete)
- Secondary Scenic Controls
- Secondary Scenic Highway (Proposed)
- Site Boundary
- Southern California Edison Power
- Special Study Area
- Specific Plan Area
- Stagecoach Line
- Wildlife Corridor

POINTS OF INTEREST

- Alternative Youth Hostel (Proposed)
- Animal Shelter
- Area Library
- Area Library (Proposed)
- Bridge
- Campground
- Campground (Proposed)
- Cemetery
- HW Church
- City Hall
- Community Center
- Community Library
- Community Library (Proposed Expansion)
- Community Library (Proposed)
- Community Park
- Community Park (Proposed Expansion)
- Community Park (Proposed)
- Community Transit Center
- Convalescent Hospital
- Correctional Facility
- Cultural / Historic Site (Proposed)
- Cultural / Historical Site
- Cultural Arts Center
- DMV DMV Office
- DWP DWP
- DWP Pumping Station
- Equestrian Center
- HQ Fire Department Headquarters
- Fire Station
- Fire Station (Proposed Expansion)
- Fire Station (Proposed)
- Fire Supply & Maintenance
- Fire Training Site
- Fireboat Station
- Health Center / Medical Facility
- Helistop
- Historic Monument
- Historical / Cultural Monument
- Horsekeeping Area
- Horsekeeping Area (Proposed)
- Horticultural Center
- Hospital
- Hospital (Proposed)
- HW House of Worship
- e Important Ecological Area
- e Important Ecological Area (Proposed)
- Interpretive Center (Proposed)
- JC Junior College
- M MTA / Metrolink Station
- M MTA Station
- MTA Stop
- MWD MWD Headquarters
- Maintenance Yard
- Municipal Office Building
- P Municipal Parking lot
- Neighborhood Park
- Neighborhood Park (Proposed Expansion)
- Neighborhood Park (Proposed)
- Oil Collection Center
- P Parking Enforcement
- HQ Police Headquarters
- Police Station
- Police Station (Proposed Expansion)
- Police Station (Proposed)
- Police Training site
- PO Post Office
- Power Distribution Station
- Power Distribution Station (Proposed)
- Power Receiving Station
- Power Receiving Station (Proposed)
- C Private College
- E Private Elementary School
- Private Golf Course
- Private Golf Course (Proposed)
- JH Private Junior High School
- PS Private Pre-School
- Private Recreation & Cultural Facility
- SH Private Senior High School
- SF Private Special School
- E Public Elementary (Proposed Expansion)
- E Public Elementary School
- E Public Elementary School (Proposed)
- Public Golf Course
- Public Golf Course (Proposed)
- Public Housing
- Public Housing (Proposed Expansion)
- JH Public Junior High School
- JH Public Junior High School (Proposed)
- MS Public Middle School
- SH Public Senior High School
- SH Public Senior High School (Proposed)
- Pumping Station
- Pumping Station (Proposed)
- Refuse Collection Center
- Regional Library
- Regional Library (Proposed Expansion)
- Regional Library (Proposed)
- Regional Park
- Regional Park (Proposed)
- RPD Residential Plan Development
- Scenic View Site
- Scenic View Site (Proposed)
- ADM School District Headquarters
- SC School Unspecified Loc/Type (Proposed)
- Skill Center
- SS Social Services
- Special Feature
- Special Recreation (a)
- SF Special School Facility
- SF Special School Facility (Proposed)
- Steam Plant
- sm Surface Mining
- Trail & Assembly Area
- Trail & Assembly Area (Proposed)
- UTL Utility Yard
- Water Tank Reservoir
- Wildlife Migration Corridor
- Wildlife Preserve Gate

SCHOOLS/PARKS WITH 500 FT. BUFFER

- Existing School/Park Site
- Planned School/Park Site
- Inside 500 Ft. Buffer

- Aquatic Facilities
- Beaches
- Child Care Centers
- Dog Parks
- Golf Course
- Historic Sites
- Horticulture/Gardens
- Skate Parks
- Other Facilities
- Park / Recreation Centers
- Parks
- Performing / Visual Arts Centers
- Recreation Centers
- Senior Citizen Centers
- Opportunity School
- Charter School
- Elementary School
- Span School
- Special Education School
- High School
- Middle School
- Early Education Center

COASTAL ZONE

- Coastal Zone Commission Authority
- Calvo Exclusion Area
- Not in Coastal Zone
- Dual Jurisdictional Coastal Zone

TRANSIT ORIENTED COMMUNITIES (TOC)

- Tier 1
- Tier 2
- Tier 3
- Tier 4

Note: TOC Tier designation and map layers are for reference purposes only. Eligible projects shall demonstrate compliance with Tier eligibility standards prior to the issuance of any permits or approvals. As transit service changes, eligible TOC Incentive Areas will be updated.

WAIVER OF DEDICATION OR IMPROVEMENT

- Public Work Approval (PWA)
- Waiver of Dedication or Improvement (WDI)

LAMC SECTION 85.02 (VEHICLE DWELLING)

- No vehicle dwelling anytime
- No vehicle dwelling overnight between 9:00 PM - 6:00 AM. Must comply with all posted parking restrictions
- Vehicle dwelling allowed. Must comply with all posted parking restrictions

OTHER SYMBOLS

- Lot Line
- Tract Line
- Lot Cut
- Easement
- Zone Boundary
- Building Line
- Lot Split
- Community Driveway
- Building Outlines 2014
- Building Outlines 2008
- Airport Hazard Zone
- Census Tract
- Coastal Zone
- Council District
- LADBS District Office
- Downtown Parking
- Fault Zone
- Fire District No. 1
- Tract Map
- Parcel Map
- Flood Zone
- Hazardous Waste
- High Wind Zone
- Hillside Grading
- Historic Preservation Overlay Zone
- Specific Plan Area
- Very High Fire Hazard Severity Zone
- Oil Wells

City of Los Angeles
Department of City Planning

6/19/2019
PARCEL PROFILE REPORT

PROPERTY ADDRESSES

3437 N PASADENA AVE
3433 N PASADENA AVE
3431 N PASADENA AVE
3425 N PASADENA AVE

ZIP CODES

90031

RECENT ACTIVITY

Adaptive Reuse Incentive Spec. Plan - ORD 175038
ZA-2016-272-ZAA-SPR-CLQ

CASE NUMBERS

CPC-2018-5580-SP
CPC-2009-598-CA-SP
CPC-2008-3125-CA
CPC-2006-5242-ZC-GPA
CPC-1989-177
CPC-1986-826-GPC
ORD-182617
ORD-182498
ORD-179280-SA4
ORD-172316
ORD-166216-SA2924
ZA-2016-272-ZAA-SPR-CLQ
ENV-2016-273-MND
ENV-2013-3392-CE
ENV-2009-599-EIR
CFG-2000

Address/Legal Information	
PIN Number	142-5A223 178
Lot/Parcel Area (Calculated)	28,145.0 (sq ft)
Thomas Brothers Grid	PAGE 595 - GRID A6
Assessor Parcel No. (APN)	5205004007
Tract	P M 541
Map Reference	BK 5-85
Block	None
Lot	B
Arb (Lot Cut Reference)	None
Map Sheet	142-5A223
Jurisdictional Information	
Community Plan Area	Northeast Los Angeles
Area Planning Commission	East Los Angeles
Neighborhood Council	Lincoln Heights
Council District	CD 1 - Gilbert Cedillo
Census Tract #	1990.00
LADBS District Office	Los Angeles Metro
Planning and Zoning Information	
Special Notes	None
Zoning	[T][Q]CM-2D
Zoning Information (ZI)	ZI-2129 EAST LOS ANGELES STATE ENTERPRISE ZONE
	ZI-2427 Freeway Adjacent Advisory Notice for Sensitive Uses
	ZI-2452 Transit Priority Area in the City of Los Angeles
General Plan Land Use	Commercial Manufacturing
General Plan Note(s)	Yes
Hillside Area (Zoning Code)	No
Specific Plan Area	Cornfield / Arroyo Seco
Subarea	None
Special Land Use / Zoning	None
Design Review Board	No
Historic Preservation Review	No
Historic Preservation Overlay Zone	None
Other Historic Designations	None
Other Historic Survey Information	None
Mills Act Contract	None
CDO: Community Design Overlay	None
CPIO: Community Plan Imp. Overlay	None
Subarea	None
CUGU: Clean Up-Green Up	None
HCR: Hillside Construction Regulation	No
NSO: Neighborhood Stabilization Overlay	No
POD: Pedestrian Oriented Districts	None
RFA: Residential Floor Area District	None
RIO: River Implementation Overlay	No
SN: Sign District	No
Streetscape	No

This report is subject to the terms and conditions as set forth on the website. For more details, please refer to the terms and conditions at zimas.lacity.org
(*) - APN Area is provided "as is" from the Los Angeles County's Public Works, Flood Control, Benefit Assessment.

Adaptive Reuse Incentive Area	Adaptive Reuse Incentive Areas
Affordable Housing Linkage Fee	
Residential Market Area	Medium
Non-Residential Market Area	Medium
Transit Oriented Communities (TOC)	Tier 3
CRA - Community Redevelopment Agency	None
Central City Parking	No
Downtown Parking	No
Building Line	None
500 Ft School Zone	Active: Hillside Elementary School
500 Ft Park Zone	Active: Mt. Olympus Park
Assessor Information	
Assessor Parcel No. (APN)	5205004007
APN Area (Co. Public Works)*	0.650 (ac)
Use Code	3100 - Industrial - Light Manufacturing - One Story
Assessed Land Val.	$1,837,598
Assessed Improvement Val.	$612,529
Last Owner Change	01/10/2006
Last Sale Amount	$2,000,020
Tax Rate Area	4
Deed Ref No. (City Clerk)	581511
	4-227
Building 1	
Year Built	1967
Building Class	C6A
Number of Units	0
Number of Bedrooms	0
Number of Bathrooms	0
Building Square Footage	14,315.0 (sq ft)
Building 2	No data for building 2
Building 3	No data for building 3
Building 4	No data for building 4
Building 5	No data for building 5
Additional Information	
Airport Hazard	None
Coastal Zone	None
Farmland	Area Not Mapped
Urban Agriculture Incentive Zone	YES
Very High Fire Hazard Severity Zone	No
Fire District No. 1	No
Flood Zone	None
Watercourse	No
Hazardous Waste / Border Zone Properties	No
Methane Hazard Site	None
High Wind Velocity Areas	No
Special Grading Area (BOE Basic Grid Map A-13372)	No
Oil Wells	None
Seismic Hazards	
Active Fault Near-Source Zone	
Nearest Fault (Distance in km)	1.53411936
Nearest Fault (Name)	Upper Elysian Park
Region	Los Angeles Blind Thrusts
Fault Type	B
Slip Rate (mm/year)	1.30000000

This report is subject to the terms and conditions as set forth on the website. For more details, please refer to the terms and conditions at zimas.lacity.org
(*) - APN Area is provided "as is" from the Los Angeles County's Public Works, Flood Control, Benefit Assessment.

Slip Geometry	Reverse
Slip Type	Poorly Constrained
Down Dip Width (km)	13.00000000
Rupture Top	3.00000000
Rupture Bottom	13.00000000
Dip Angle (degrees)	50.00000000
Maximum Magnitude	6.40000000
Alquist-Priolo Fault Zone	No
Landslide	No
Liquefaction	Yes
Preliminary Fault Rupture Study Area	No
Tsunami Inundation Zone	No
Economic Development Areas	
Business Improvement District	LINCOLN HEIGHTS INDUSTRIAL ZONE
Opportunity Zone	Yes
Promise Zone	None
Renewal Community	No
Revitalization Zone	Central City
State Enterprise Zone	EAST LOS ANGELES STATE ENTERPRISE ZONE
Targeted Neighborhood Initiative	None
Housing	
Direct all Inquiries to	Housing+Community Investment Department
Telephone	(866) 557-7368
Website	http://hcidla.lacity.org
Rent Stabilization Ordinance (RSO)	No
Ellis Act Property	No
Public Safety	
Police Information	
Bureau	Central
Division / Station	Hollenbeck
Reporting District	412
Fire Information	
Bureau	Central
Batallion	2
District / Fire Station	1
Red Flag Restricted Parking	No

This report is subject to the terms and conditions as set forth on the website. For more details, please refer to the terms and conditions at zimas.lacity.org
(*) - APN Area is provided "as is" from the Los Angeles County's Public Works, Flood Control, Benefit Assessment.

CASE SUMMARIES

Note: Information for case summaries is retrieved from the Planning Department's Plan Case Tracking System (PCTS) database.

Case Number:	CPC-2018-5580-SP
Required Action(s):	SP-SPECIFIC PLAN (INCLUDING AMENDMENTS)
Project Descriptions(s):	SPECIFIC PLAN AMENDMENT (11.5.7G)
Case Number:	CPC-2009-598-CA-SP
Required Action(s):	SP-SPECIFIC PLAN (INCLUDING AMENDMENTS)
	CA-CODE AMENDMENT
Project Descriptions(s):	THE CORNFIELD ARROYO SPECIFIC PLAN (CASP) WILL GUIDE THE FUTURE DEVELOPMENT OF AN APPROXIMATELY 660 ACRE AREA THAT IS LOCATED WITHIN PORTIONS OF THE CENTRAL CITY NORTH, NORTHEAST, AND SILVERLAKE-ECHO PARK COMMUNITY PLAN AREAS. THE CASP IS INTENDED TO SERVE AS A FRAMEWORK FOR CREATING AN ENVIRONMENTALLY SUSTAINABLE, INCLUSIVE, AND ECONOMICALLY VIABLE AREA. POLICIES INCLUDED IN THE CASP ACCOMODATE A RANGE OF HOUSING OPTIONS, NEW PUBLIC SPACES, OPPORTUNITIES FOR WALKING AND BICYCLING, AND CLUSTERS FOR BOTH EXISTING INDUSTRIAL BUSINESSES AND THE CLEAN TECHNOLOGY BUSINESSES OF THE FUTURE.
Case Number:	CPC-2008-3125-CA
Required Action(s):	CA-CODE AMENDMENT
Project Descriptions(s):	THE ADDITION OF A RIVER IMPROVEMENT OVERLAY (RIO) DISTRICT AS SECTION 13.12 OF THE L.A.M.C. IN RESPONSE TO THE LOS ANGELES RIVER REVITALIZATION MASTER PLAN (LARRMP) THAT WAS ADOPTED IN MAY 2007. THIS SUPPLEMENTAL USE DISTRICT WOULD ESTABLISH STANDARDS FOR NEW DEVELOPMENT ALONG WATERWAYS
Case Number:	CPC-2006-5242-ZC-GPA
Required Action(s):	GPA-GENERAL PLAN AMENDMENT
	ZC-ZONE CHANGE
Project Descriptions(s):	ZONE CHANGE AND LAND USE PLAN AMENDMENT TO THE NORTHEAST LOS ANGELES COMMUNITY PLAN PORTION OF THE LAND USE ELEMENT OF THE CITY'S GENERAL PLAN.
Case Number:	CPC-1989-177
Required Action(s):	Data Not Available
Project Descriptions(s):	INTERIM CONTROL ORDINANCE FOR THE ENTIRE NORTHEAST LOS ANGELESDISTRICT PLAN
	CONTINUATION OF CPC-89-0177. SEE GENERAL COMMENTS FOR CONTINUATION.
Case Number:	CPC-1986-826-GPC
Required Action(s):	GPC-GENERAL PLAN/ZONING CONSISTENCY (AB283)
Project Descriptions(s):	GENERAL PLAN/ZONING CONSISTENCY - ZONE CHANGES - HEIGHT DISTRICT CHANGES AND PLAN AMENDMENTS - VARIOUS LOCATIONS
Case Number:	ZA-2016-272-ZAA-SPR-CLQ
Required Action(s):	CLQ-CLARIFICATION OF 'Q' CONDITIONS
	SPR-SITE PLAN REVIEW
	ZAA-AREA,HEIGHT,YARD,AND BLDG LINE ADJMNTS GT 20% (SLIGHT MODIFICATIONS)
Project Descriptions(s):	PURSUANT TO LAMC 12.27 THE APPLICANT REQUEST A ZONE VARIANCE TO PERMIT A DENSITY OF 1 DWELLING/534 PER SQUARE IN LIEU OF THE 1/800 AS REQUIRED BY 12.17.1; PURSUANT TO 16.05 THE APPLICANT REQUEST SITE PLAN REVIEW FOR A PROJECT WITH MORE THAN 50 UNITS; AND PURSUANT TO 12.24W1 THE APPLICANT REQUEST A MASTER CUB FOR A 10,000 SQFT RETAIL SPACE, ALL IN CONJUNCTION WITH CONSTRUCTION OF A NEW 410 RESIDENTIAL PROJECT OVER SEVERAL BUILDINGS AND REHABILITATION OF SEVERAL EXISTING BUILDINGS.
Case Number:	ENV-2016-273-MND
Required Action(s):	MND-MITIGATED NEGATIVE DECLARATION
Project Descriptions(s):	PURSUANT TO LAMC 12.27 THE APPLICANT REQUEST A ZONE VARIANCE TO PERMIT A DENSITY OF 1 DWELLING/534 PER SQUARE IN LIEU OF THE 1/800 AS REQUIRED BY 12.17.1; PURSUANT TO 16.05 THE APPLICANT REQUEST SITE PLAN REVIEW FOR A PROJECT WITH MORE THAN 50 UNITS; AND PURSUANT TO 12.24W1 THE APPLICANT REQUEST A MASTER CUB FOR A 10,000 SQFT RETAIL SPACE, ALL IN CONJUNCTION WITH CONSTRUCTION OF A NEW 410 RESIDENTIAL PROJECT OVER SEVERAL BUILDINGS AND REHABILITATION OF SEVERAL EXISTING BUILDINGS.
Case Number:	ENV-2013-3392-CE
Required Action(s):	CE-CATEGORICAL EXEMPTION
Project Descriptions(s):	THE PROPOSED ORDINANCE MODIFIES SECTION 22.119 OF THE LOS ANGELES ADMINISTRATIVE CODE TO ALLOW ORIGINAL ART MURALS ON LOTS DEVELOPED WITH ONLY ONE SINGLE-FAMILY RESIDENTIAL STRUCTURE AND THAT ARE LOCATED WITHIN COUNCIL DISTRICTS 1, 9, AND 14.
Case Number:	ENV-2009-599-EIR
Required Action(s):	EIR-ENVIRONMENTAL IMPACT REPORT

This report is subject to the terms and conditions as set forth on the website. For more details, please refer to the terms and conditions at zimas.lacity.org
(*) - APN Area is provided "as is" from the Los Angeles County's Public Works, Flood Control, Benefit Assessment.

Project Descriptions(s): THE CORNFIELD ARROYO SPECIFIC PLAN (CASP) WILL GUIDE THE FUTURE DEVELOPMENT OF AN APPROXIMATELY 660 ACRE AREA THAT IS LOCATED WITHIN PORTIONS OF THE CENTRAL CITY NORTH, NORTHEAST, AND SILVERLAKE-ECHO PARK COMMUNITY PLAN AREAS. THE CASP IS INTENDED TO SERVE AS A FRAMEWORK FOR CREATING AN ENVIRONMENTALLY SUSTAINABLE, INCLUSIVE, AND ECONOMICALLY VIABLE AREA. POLICIES INCLUDED IN THE CASP ACCOMODATE A RANGE OF HOUSING OPTIONS, NEW PUBLIC SPACES, OPPORTUNITIES FOR WALKING AND BICYCLING, AND CLUSTERS FOR BOTH EXISTING INDUSTRIAL BUSINESSES AND THE CLEAN TECHNOLOGY BUSINESSES OF THE FUTURE.

DATA NOT AVAILABLE

ORD-182617

ORD-182498

ORD-179280-SA4

ORD-172316

ORD-166216-SA2924

CFG-2000

This report is subject to the terms and conditions as set forth on the website. For more details, please refer to the terms and conditions at zimas.lacity.org
(*) - APN Area is provided "as is" from the Los Angeles County's Public Works, Flood Control, Benefit Assessment.

ZIMAS PUBLIC

Generalized Zoning

06/19/2019

City of Los Angeles
Department of City Planning

Address: 3433 N PASADENA AVE
APN: 5205004007
PIN #: 142-5A223 178

Tract: P M 541
Block: None
Lot: B
Arb: None

Zoning: [T][Q]CM-2D
General Plan: Commercial Manufacturing

Streets Copyright (c) Thomas Brothers Maps, Inc.

LEGEND

GENERALIZED ZONING

- OS, GW
- A, RA
- RE, RS, R1, RU, RZ, RW1
- R2, RD, RMP, RW2, R3, RAS, R4, R5, PVSP
- CR, C1, C1.5, C2, C4, C5, CW, WC, ADP, LASED, CEC, USC, PPSP
- CM, MR, CCS, UV, UI, UC, M1, M2, LAX, M3, SL
- P, PB
- PF

GENERAL PLAN LAND USE

LAND USE

RESIDENTIAL

- Minimum Residential
- Very Low / Very Low I Residential
- Very Low II Residential
- Low / Low I Residential
- Low II Residential
- Low Medium / Low Medium I Residential
- Low Medium II Residential
- Medium Residential
- High Medium Residential
- High Density Residential
- Very High Medium Residential

COMMERCIAL

- Limited Commercial
- Limited Commercial - Mixed Medium Residential
- Highway Oriented Commercial
- Highway Oriented and Limited Commercial
- Highway Oriented Commercial - Mixed Medium Residential
- Neighborhood Office Commercial
- Community Commercial
- Community Commercial -Mixed High Residential
- Regional Center Commercial

INDUSTRIAL

- Commercial Manufacturing
- Limited Manufacturing
- Light Manufacturing
- Heavy Manufacturing
- Hybrid Industrial

PARKING

- Parking Buffer

PORT OF LOS ANGELES

- General / Bulk Cargo - Non Hazardous (Industrial / Commercial)
- General / Bulk Cargo - Hazard
- Commercial Fishing
- Recreation and Commercial
- Intermodal Container Transfer Facility Site

LOS ANGELES INTERNATIONAL AIRPORT

- Airport Landside / Airport Landside Support
- Airport Airside
- LAX Airport Northside

OPEN SPACE / PUBLIC FACILITIES

- Open Space
- Public / Open Space
- Public / Quasi-Public Open Space
- Other Public Open Space
- Public Facilities

FRAMEWORK

COMMERCIAL

- Neighborhood Commercial
- General Commercial
- Community Commercial
- Regional Mixed Commercial

INDUSTRIAL

- Limited Industrial
- Light Industrial

CIRCULATION

STREET

- Arterial Mountain Road
- Collector Scenic Street
- Collector Street
- Collector Street (Hillside)
- Collector Street (Modified)
- Collector Street (Proposed)
- Country Road
- Divided Major Highway II
- Divided Secondary Scenic Highway
- Local Scenic Road
- Local Street
- Major Highway (Modified)
- Major Highway I
- Major Highway II
- Major Highway II (Modified)
- Major Scenic Highway
- Major Scenic Highway (Modified)
- Major Scenic Highway II
- Mountain Collector Street
- Park Road
- Parkway
- Principal Major Highway
- Private Street
- Scenic Divided Major Highway II
- Scenic Park
- Scenic Parkway
- Secondary Highway
- Secondary Highway (Modified)
- Secondary Scenic Highway
- Special Collector Street
- Super Major Highway

FREEWAYS

- Freeway
- Interchange
- On-Ramp / Off- Ramp
- Railroad
- Scenic Freeway Highway

MISC. LINES

- Airport Boundary
- Bus Line
- Coastal Zone Boundary
- Coastline Boundary
- Collector Scenic Street (Proposed)
- Commercial Areas
- Commercial Center
- Community Redevelopment Project Area
- Country Road
- DWP Power Lines
- Desirable Open Space
- Detached Single Family House
- Endangered Ridgeline
- Equestrian and/or Hiking Trail
- Hiking Trail
- Historical Preservation
- Horsekeeping Area
- Local Street
- MSA Desirable Open Space
- Major Scenic Controls
- Multi-Purpose Trail
- Natural Resource Reserve
- Park Road
- Park Road (Proposed)
- Quasi-Public
- Rapid Transit Line
- Residential Planned Development
- Scenic Highway (Obsolete)
- Secondary Scenic Controls
- Secondary Scenic Highway (Proposed)
- Site Boundary
- Southern California Edison Power
- Special Study Area
- Specific Plan Area
- Stagecoach Line
- Wildlife Corridor

POINTS OF INTEREST

- Alternative Youth Hostel (Proposed)
- Animal Shelter
- Area Library
- Area Library (Proposed)
- Bridge
- Campground
- Campground (Proposed)
- Cemetery
- HW Church
- City Hall
- Community Center
- Community Library
- Community Library (Proposed Expansion)
- Community Library (Proposed)
- Community Park
- Community Park (Proposed Expansion)
- Community Park (Proposed)
- Community Transit Center
- Convalescent Hospital
- Correctional Facility
- Cultural / Historic Site (Proposed)
- Cultural / Historical Site
- Cultural Arts Center
- DMV DMV Office
- DWP DWP
- DWP Pumping Station
- Equestrian Center
- HQ Fire Department Headquarters
- Fire Station
- Fire Station (Proposed Expansion)
- Fire Station (Proposed)
- Fire Supply & Maintenance
- Fire Training Site
- Fireboat Station
- Health Center / Medical Facility
- Helistop
- Historic Monument
- Historical / Cultural Monument
- Horsekeeping Area
- Horsekeeping Area (Proposed)
- Horticultural Center
- Hospital
- Hospital (Proposed)
- HW House of Worship
- e Important Ecological Area
- e Important Ecological Area (Proposed)
- Interpretive Center (Proposed)
- JC Junior College
- M MTA / Metrolink Station
- M MTA Station
- MTA Stop
- MWD MWD Headquarters
- Maintenance Yard
- Municipal Office Building
- P Municipal Parking lot
- Neighborhood Park
- Neighborhood Park (Proposed Expansion)
- Neighborhood Park (Proposed)
- Oil Collection Center
- P Parking Enforcement
- HQ Police Headquarters
- Police Station
- Police Station (Proposed Expansion)
- Police Station (Proposed)
- Police Training site
- PO Post Office
- Power Distribution Station
- Power Distribution Station (Proposed)
- Power Receiving Station
- Power Receiving Station (Proposed)
- C Private College
- E Private Elementary School
- Private Golf Course
- Private Golf Course (Proposed)
- JH Private Junior High School
- PS Private Pre-School
- Private Recreation & Cultural Facility
- SH Private Senior High School
- SF Private Special School
- E Public Elementary (Proposed Expansion)
- E Public Elementary School
- E Public Elementary School (Proposed)
- Public Golf Course
- Public Golf Course (Proposed)
- Public Housing
- Public Housing (Proposed Expansion)
- JH Public Junior High School
- JH Public Junior High School (Proposed)
- MS Public Middle School
- SH Public Senior High School
- SH Public Senior High School (Proposed)
- Pumping Station
- Pumping Station (Proposed)
- Refuse Collection Center
- Regional Library
- Regional Library (Proposed Expansion)
- Regional Library (Proposed)
- Regional Park
- Regional Park (Proposed)
- RPD Residential Plan Development
- Scenic View Site
- Scenic View Site (Proposed)
- ADM School District Headquarters
- SC School Unspecified Loc/Type (Proposed)
- Skill Center
- SS Social Services
- Special Feature
- Special Recreation (a)
- SF Special School Facility
- SF Special School Facility (Proposed)
- Steam Plant
- sm Surface Mining
- Trail & Assembly Area
- Trail & Assembly Area (Proposed)
- UTL Utility Yard
- Water Tank Reservoir
- Wildlife Migration Corridor
- Wildlife Preserve Gate

SCHOOLS/PARKS WITH 500 FT. BUFFER

- Existing School/Park Site
- Planned School/Park Site
- Inside 500 Ft. Buffer

- Aquatic Facilities
- Beaches
- Child Care Centers
- Dog Parks
- Golf Course
- Historic Sites
- Horticulture/Gardens
- Skate Parks
- Other Facilities
- Park / Recreation Centers
- Parks
- Performing / Visual Arts Centers
- Recreation Centers
- Senior Citizen Centers
- Opportunity School
- Charter School
- Elementary School
- Span School
- Special Education School
- High School
- Middle School
- Early Education Center

COASTAL ZONE

- Coastal Zone Commission Authority
- Calvo Exclusion Area
- Not in Coastal Zone
- Dual Jurisdictional Coastal Zone

TRANSIT ORIENTED COMMUNITIES (TOC)

- Tier 1
- Tier 2
- Tier 3
- Tier 4

Note: TOC Tier designation and map layers are for reference purposes only. Eligible projects shall demonstrate compliance with Tier eligibility standards prior to the issuance of any permits or approvals. As transit service changes, eligible TOC Incentive Areas will be updated.

WAIVER OF DEDICATION OR IMPROVEMENT

- Public Work Approval (PWA)
- Waiver of Dedication or Improvement (WDI)

LAMC SECTION 85.02 (VEHICLE DWELLING)

- No vehicle dwelling anytime
- No vehicle dwelling overnight between 9:00 PM - 6:00 AM. Must comply with all posted parking restrictions
- Vehicle dwelling allowed. Must comply with all posted parking restrictions

OTHER SYMBOLS

- Lot Line
- Tract Line
- Lot Cut
- Easement
- Zone Boundary
- Building Line
- Lot Split
- Community Driveway
- Building Outlines 2014
- Building Outlines 2008
- Airport Hazard Zone
- Census Tract
- Coastal Zone
- Council District
- LADBS District Office
- Downtown Parking
- Fault Zone
- Fire District No. 1
- Tract Map
- Parcel Map
- Flood Zone
- Hazardous Waste
- High Wind Zone
- Hillside Grading
- Historic Preservation Overlay Zone
- Specific Plan Area
- Very High Fire Hazard Severity Zone
- Oil Wells

City of Los Angeles
Department of City Planning

6/19/2019
PARCEL PROFILE REPORT

PROPERTY ADDRESSES

151 W AVE 34
123 W AVENUE 34
161 W AVENUE 34
151 W AVENUE 34
149 W AVENUE 34
147 W AVENUE 34
145 W AVENUE 34
143 W AVENUE 34
141 W AVENUE 34
135 W AVENUE 34
131 W AVENUE 34
123 W AVE 34
161 W AVE 34
149 W AVE 34
135 W AVE 34
131 W AVE 34
147 W AVE 34
145 W AVE 34
143 W AVE 34
141 W AVE 34

ZIP CODES

90031

RECENT ACTIVITY

Adaptive Reuse Incentive Spec. Plan - ORD 175038
ZA-2016-272-ZAA-SPR-CLQ

CASE NUMBERS

CPC-2018-5580-SP
CPC-2009-598-CA-SP
CPC-2008-3125-CA
CPC-2006-5242-ZC-GPA
CPC-1989-177
CPC-1986-826-GPC
ORD-182617
ORD-182498
ORD-179280-SA4
ORD-172316
ORD-166216-SA2924
ZA-2016-272-ZAA-SPR-CLQ
ZA-19XX-21879
ZA-19XX-21493
ZA-1977-84
YV-1977-84
ENV-2016-273-MND

Address/Legal Information	
PIN Number	142-5A221 662
Lot/Parcel Area (Calculated)	149,503.1 (sq ft)
Thomas Brothers Grid	PAGE 595 - GRID A6
Assessor Parcel No. (APN)	5205004011
Tract	P M 541
Map Reference	BK 5-85
Block	None
Lot	A
Arb (Lot Cut Reference)	None
Map Sheet	142-5A221
	142-5A223
Jurisdictional Information	
Community Plan Area	Northeast Los Angeles
Area Planning Commission	East Los Angeles
Neighborhood Council	Lincoln Heights
Council District	CD 1 - Gilbert Cedillo
Census Tract #	1990.00
LADBS District Office	Los Angeles Metro
Planning and Zoning Information	
Special Notes	None
Zoning	[T][Q]CM-2D
Zoning Information (ZI)	ZI-2129 EAST LOS ANGELES STATE ENTERPRISE ZONE
	ZI-2427 Freeway Adjacent Advisory Notice for Sensitive Uses
	ZI-1117 MTA Project
	ZI-2452 Transit Priority Area in the City of Los Angeles
General Plan Land Use	Commercial Manufacturing
General Plan Note(s)	Yes
Hillside Area (Zoning Code)	No
Specific Plan Area	Cornfield / Arroyo Seco
Subarea	None
Special Land Use / Zoning	None
Design Review Board	No
Historic Preservation Review	No
Historic Preservation Overlay Zone	None
Other Historic Designations	None
Other Historic Survey Information	None
Mills Act Contract	None
CDO: Community Design Overlay	None
CPIO: Community Plan Imp. Overlay	None
Subarea	None
CUGU: Clean Up-Green Up	None
HCR: Hillside Construction Regulation	No
NSO: Neighborhood Stabilization Overlay	No
POD: Pedestrian Oriented Districts	None
RFA: Residential Floor Area District	None
RIO: River Implementation Overlay	No

This report is subject to the terms and conditions as set forth on the website. For more details, please refer to the terms and conditions at zimas.lacity.org
(*) - APN Area is provided "as is" from the Los Angeles County's Public Works, Flood Control, Benefit Assessment.

Summary

AIN: 5205-004-011 1

Situs Address:
141 W AVENUE 34
LOS ANGELES CA 90031-1803

Use Type:	Industrial
Parcel Type:	Regular Fee Parcel
Tax Rate Area:	00004
Parcel Status:	**ACTIVE**
Create Date:	
Delete Date:	
Tax Status:	**CURRENT**
Year Defaulted:	
Exemption:	None

Building (0102) & Land Overview

Use Code:	3300
Design Type:	2700
Quality Class:	DX
# of Units:	0
Beds/Baths:	0/0
Building SqFt:	61,000
Year Built:	1977
Effective Year:	1977
Land SqFt:	157,560

(http://assessormap.co.la.ca.us/Geocortex/Essentials/REST/sites/PAIS/VirtualDirectory/AssessorMaps/ViewMap.html?val=5205-004)

Parcel Map (http://assessormap.co.la.ca.us/Geocortex/Essentials/REST/sites/PAIS/VirtualDirectory/AssessorMaps/ViewMap.html?val=5205-004) / Map Index (http://maps.assessor.lacounty.gov/Geocortex/Essentials/REST/sites/PAIS/VirtualDirectory/AssessorMaps/ViewMap.html?val=5205-NDX)

	2020 Roll Preparation		2019 Current Roll	RC	Year		2001 Base Value
$	2,066,734	$	2,026,210	T	2001	$	1,500,000
$	1,377,819	$	1,350,803	T	2001	$	1,000,000
$	3,444,553	$	3,377,013			$	2,500,000

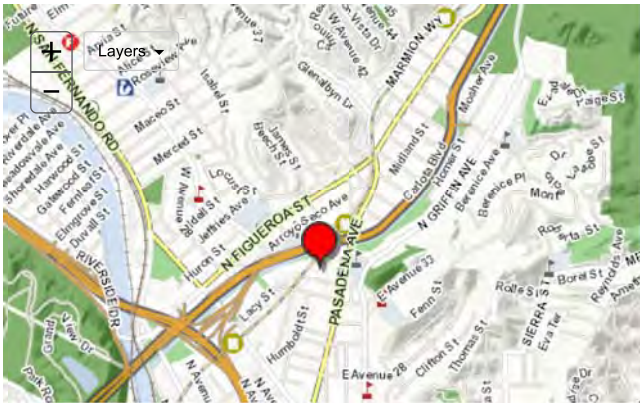
Assessor's Responsible Division

District:	East District Office
Region:	27
Cluster:	27808 CAL STATE LA

East District Office (https://maps.google.com/?q=1190+Durfee+Ave.+South+El+Monte%2C+CA+91733)
1190 Durfee Ave.
South El Monte, CA 91733

Phone: (626) 258-6001
Toll Free: 1 (888) 807-2111
M-F 7:30 am to 5:00 pm

Please set a location or search for an address.



Building and Land Characteristics

Land Information

Use Code = 3300 (Industrial)

Total SqFt (GIS):	157,560
Total SqFt (PDB):	157,784
Usable SqFt:	157,687
Acres:	
Land W' x D':	326 x 484
Sewers:	Yes
Flight Path:	No
X-Traffic:	No
Freeway:	No
Corner Lot:	No
Golf Front:	No
Horse Lot:	No
View:	None
Zoning:	LACM

Code Split: No
Impairment: None

Situs Address:
141 W AVENUE 34 LOS ANGELES CA 90031-1803

Legal Description *(for assessment purposes)*:
*LOT COM AT MOST N COR OF LOT 2 TR NO 23801 TH SE ON NE LINE OF SD LOT 326.55 FT TH S 14¢21'15" W 140.01 FT TH S 9¢ 45'05" W 48.51 FT TH S AND FOLLOWING BDRY LINE OF SD LOT TO W LINE OF LOT 61 WHITTAKER RICHARDSON AND ERNEST SUB OF LOTS 2 AND 3 GRIFFIN TR TH S ON SD W LINE TO NE LINE OF AVE 34 TH NW THEREON TO SE LINE OF L A AND S L R R R/W TH NE THEREON TO BEG LOT 62 AND POR OF LOTS 64 AND 65 WHITTAKER RICHARD- SON AND ERNEST SUB OF LOTS 2 AND 3 GRIFFIN TR AND *POR OF LOT 2 TR NO 23801

Use Code: 3300 (Industrial)
3 = Industrial
3 = Warehousing, Distribution, Storage
0 = Warehousing, Distribution, Under 10,000 SF
0 = One Story

Building Information

SUBPART: ***0102***
Design Type: 2700
Quality Class: DX

# of Units: 0
Beds/Baths: 0/0
Building SqFt: 61,000

Year Built: 1977
Effective Year: 1977
Depreciation: UC20 / / 0

RCN Other: $ 0
RCN Other Trended: $ 0
Year Change:

Design Type: 2700
2 = Commercial
7 = Parking Lot (Commercial or Patron)
0 = Unused or Unknown Code (No Meaning)
0 = Unused or Unknown Code (No Meaning)

SUBPART: ***0202***
Design Type: 3300
Quality Class: C6C

# of Units: 0
Beds/Baths: 0/0
Building SqFt: 87,980

Year Built: 1977
Effective Year: 1977
Depreciation: MC50 / / 0

RCN Other: $ 8,570
RCN Other Trended: $ 43,012
Year Change: 1978

Design Type: 3300
3 = Industrial
3 = Warehousing, Distribution, Storage
0 = Unused or Unknown Code (No Meaning)
0 = Unused or Unknown Code (No Meaning)

SUMMARY: ***Total***

# of Units: 0
Beds/Baths: 0/0
Building SqFt: 87,980
Avg SqFt/Unit:

Events History

Ownership () | Parcel Change ()

Show Re-Assessable Only:

Recording Date	Seq. #	Re-Assessed	# Parcels	%	Ver. Code	DTT Sale Price	Assessed Value
07/17/2000	50	Yes	1	00%-0	A	$ 0	$ 2,500,000
03/31/2000	50	Yes	1	00%-0	A	$ 2,500,000	$ 2,500,000
04/27/1977	50	Yes		00%-0		$ 0	$ 0

Assessment History

Show All: **Hide Inactive Rolls:**

Showing 1 to 10 of 42 entries.

Bill Number	Bill Type	Bill Status	Date to Auditor	Recording Date	Total Value	Land Value	Improvement Value
220-PSEG				07/17/2000	$ 3,444,553	$ 2,066,734	$ 1,377,819
2190000	R	A	07/01/2019	07/17/2000	$ 3,377,013	$ 2,026,210	$ 1,350,803
2180000	R	A	07/19/2018	07/17/2000	$ 3,310,798	$ 1,986,481	$ 1,324,317
2170000	R	A	06/26/2017	07/17/2000	$ 3,245,881	$ 1,947,531	$ 1,298,350
2160000	R	A	07/05/2016	07/17/2000	$ 3,182,238	$ 1,909,345	$ 1,272,893
2150000	R	A	06/23/2015	07/17/2000	$ 3,134,438	$ 1,880,665	$ 1,253,773
2140000	R	A	06/24/2014	07/17/2000	$ 3,073,040	$ 1,843,826	$ 1,229,214
2130000	R	A	06/25/2013	07/17/2000	$ 3,059,152	$ 1,835,493	$ 1,223,659
2120000	R	A	06/27/2012	07/17/2000	$ 2,999,169	$ 1,799,503	$ 1,199,666
2110000	R	A	07/06/2011	07/17/2000	$ 2,940,363	$ 1,764,219	$ 1,176,144

« 1 2 3 4 5 »

© 2017- Los Angeles County Assessor

Contact Us (https://assessor.lacounty.gov/contact-us/) | Disclaimer (disclaimer) | FAQ (faq)

PDB Effective Date: 07/14/2019

(https://facebook.com/LACAssessor) (https://www.twitter.com/LACASSESSOR) (https://www.linkedin.com/company/los-angeles-county-office-of-the-assessor) (https://youtube.com/u

Summary

AIN: 5205-004-005 9

Situs Address:
153 W AVENUE 34
LOS ANGELES CA 90031-1803

Use Type:	Industrial
Parcel Type:	Regular Fee Parcel
Tax Rate Area:	00004
Parcel Status:	**ACTIVE**
Create Date:	
Delete Date:	
Tax Status:	**CURRENT**
Year Defaulted:	
Exemption:	None

Building (0101) & Land Overview

Use Code:	3100
Design Type:	3100
Quality Class:	DX4B
# of Units:	0
Beds/Baths:	0/0
Building SqFt:	3,520
Year Built:	1929
Effective Year:	1929
Land SqFt:	4,800

(http://assessormap.co.la.ca.us/Geocortex/Essentials/REST/sites/PAIS/VirtualDirectory/AssessorMaps/ViewMap.html?val=5205-004)

Parcel Map (http://assessormap.co.la.ca.us/Geocortex/Essentials/REST/sites/PAIS/VirtualDirectory/AssessorMaps/ViewMap.html?val=5205-004) / Map Index (http://maps.assessor.lacounty.gov/Geocortex/Essentials/REST/sites/PAIS/VirtualDirectory/AssessorMaps/ViewMap.html?val=5205-NDX)

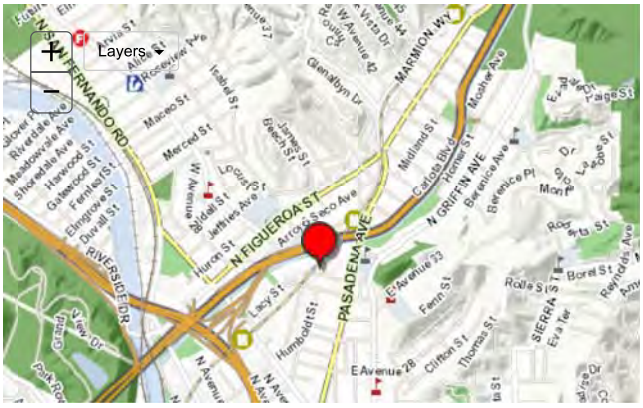
	2020 Roll Preparation		2019 Current Roll	RC	Year		2001 Base Value
$	172,218	$	168,842	T	2001	$	125,000
$	103,327	$	101,301	T	2001	$	75,000
$	275,545	$	270,143			$	200,000

Assessor's Responsible Division

District:	East District Office
Region:	27
Cluster:	27808 CAL STATE LA

East District Office (https://maps.google.com/?q=1190+Durfee+Ave.+South+El+Monte%2C+CA+91733)
1190 Durfee Ave.
South El Monte, CA 91733

Phone: (626) 258-6001
Toll Free: 1 (888) 807-2111
M-F 7:30 am to 5:00 pm



Building and Land Characteristics

Land Information

Use Code = 3100 (Industrial)

Total SqFt (GIS):	4,800
Total SqFt (PDB):	4,800
Usable SqFt:	4,800
Acres:	
Land W' x D':	40 x 120
Sewers:	Yes
Flight Path:	No
X-Traffic:	No
Freeway:	No
Corner Lot:	No
Golf Front:	No
Horse Lot:	No
View:	None
Zoning:	LACM

Code Split: No
Impairment: None

Situs Address:
153 W AVENUE 34 LOS ANGELES CA 90031-1803

Legal Description *(for assessment purposes)*:
WHITTAKER,RICHARDSON AND ERNEST SUB OF LOTS 2 AND 3 GRIFFIN TR LOT 61

Use Code: 3100 (Industrial)
3 = Industrial
1 = Light Manufacturing
0 = Unused or Unknown Code (No Meaning)
0 = One Story

Building Information

SUBPART: ***0101***
Design Type: 3100
Quality Class: DX4B

# of Units: 0
Beds/Baths: 0/0
Building SqFt: 3,520

Year Built: 1929
Effective Year: 1929
Depreciation: UC50 / / 0

RCN Other: $ 0
RCN Other Trended: $ 0
Year Change: 1972

Design Type: 3100
3 = Industrial
1 = Light Manufacturing
0 = Unused or Unknown Code (No Meaning)
0 = Unused or Unknown Code (No Meaning)

SUMMARY: ***Total***

# of Units: 0
Beds/Baths: 0/0
Building SqFt: 3,520
Avg SqFt/Unit:

Events History

Ownership () Parcel Change ()

Show Re-Assessable Only:

Recording Date	Seq. #	Re-Assessed	# Parcels	%	Ver. Code	DTT Sale Price	Assessed Value
07/31/2000	50	Yes	1	00%-0	K	$ 20,000	$ 200,000
02/45/1967	50	Yes		00%-0		$ 0	$ 0

Assessment History

Show All: **Hide Inactive Rolls:** Showing 1 to 10 of 41 entries.

Bill Number	Bill Type	Bill Status	Date to Auditor	Recording Date	Total Value	Land Value	Improvement Value
220-PSEG				07/31/2000	$ 275,545	$ 172,218	$ 103,327
2190000	R	A	07/01/2019	07/31/2000	$ 270,143	$ 168,842	$ 101,301
2180000	R	A	07/19/2018	07/31/2000	$ 264,847	$ 165,532	$ 99,315
2170000	R	A	06/26/2017	07/31/2000	$ 259,655	$ 162,287	$ 97,368
2160000	R	A	07/05/2016	07/31/2000	$ 254,564	$ 159,105	$ 95,459
2150000	R	A	06/23/2015	07/31/2000	$ 250,742	$ 156,716	$ 94,026
2140000	R	A	06/24/2014	07/31/2000	$ 245,832	$ 153,647	$ 92,185

Bill Number	Bill Type	Bill Status	Date to Auditor	Recording Date	Total Value	Land Value	Improvement Value
2130000	R	A	06/25/2013	07/31/2000	$ 244,722	$ 152,953	$ 91,769
2120000	R	A	06/27/2012	07/31/2000	$ 239,924	$ 149,954	$ 89,970
2110000	R	A	07/06/2011	07/31/2000	$ 235,220	$ 147,014	$ 88,206

« 1 2 3 4 5 »

© 2017- Los Angeles County Assessor
Contact Us (https://assessor.lacounty.gov/contact-us/) | Disclaimer (disclaimer) | FAQ (faq)
PDB Effective Date: 07/14/2019

(https://facebook.com/LACAssessor) (https://www.twitter.com/LACASSESSOR) (https://www.linkedin.com/company/los-angeles-county-office-of-the-assessor) (https://youtube.com/u

Summary

AIN: 5205-004-003 1

Situs Address:
3401 PASADENA AVE
LOS ANGELES CA 90031-1929

Use Type:	Industrial
Parcel Type:	Regular Fee Parcel
Tax Rate Area:	00004
Parcel Status:	**ACTIVE**
Create Date:	
Delete Date:	
Tax Status:	**CURRENT**
Year Defaulted:	
Exemption:	None

Building (0102) & Land Overview

Use Code:	3100
Design Type:	3100
Quality Class:	SX
# of Units:	0
Beds/Baths:	0/0
Building SqFt:	4,040
Year Built:	1948
Effective Year:	1948
Land SqFt:	28,794

(http://assessormap.co.la.ca.us/Geocortex/Essentials/REST/sites/PAIS/VirtualDirectory/AssessorMaps/ViewMap.html?val=5205-004)

Parcel Map (http://assessormap.co.la.ca.us/Geocortex/Essentials/REST/sites/PAIS/VirtualDirectory/AssessorMaps/ViewMap.html?val=5205-004) / Map Index (http://maps.assessor.lacounty.gov/Geocortex/Essentials/REST/sites/PAIS/VirtualDirectory/AssessorMaps/ViewMap.html?val=5205-NDX)

	2020 Roll Preparation		2019 Current Roll	RC	Year		2006 Base Value
$	1,874,349	$	1,837,598	T	2006	$	1,721,611
$	624,779	$	612,529	T	2006	$	677,201
$	2,499,128	$	2,450,127			$	2,398,812

Assessor's Responsible Division

District:	East District Office
Region:	27
Cluster:	27808 CAL STATE LA

East District Office (https://maps.google.com/?q=1190+Durfee+Ave.+South+El+Monte%2C+CA+91733)
1190 Durfee Ave.
South El Monte, CA 91733

Phone: (626) 258-6001
Toll Free: 1 (888) 807-2111
M-F 7:30 am to 5:00 pm

Building and Land Characteristics

Land Information

Use Code = 3100 (Industrial)

Total SqFt (GIS):	28,794
Total SqFt (PDB):	
Usable SqFt:	0
Acres:	
Land W' x D':	0 x 0
Sewers:	
Flight Path:	
X-Traffic:	
Freeway:	
Corner Lot:	
Golf Front:	
Horse Lot:	
View:	
Zoning:	LACM

Code Split:
Impairment: None

Situs Address:
3401 PASADENA AVE LOS ANGELES CA 90031-1929

Legal Description *(for assessment purposes)*:
TRACT NO 23801 LOT 3

Use Code: 3100 (Industrial)
3 = Industrial
1 = Light Manufacturing
0 = Unused or Unknown Code (No Meaning)
0 = One Story

Building Information

SUBPART: ***0102***
Design Type: 3100
Quality Class: SX

# of Units: 0
Beds/Baths: 0/0
Building SqFt: 4,040

Year Built: 1948
Effective Year: 1948
Depreciation: UC40 / / 0

RCN Other: $ 3,350
RCN Other Trended: $ 33,285
Year Change: 1972

Design Type: 3100
3 = Industrial
1 = Light Manufacturing
0 = Unused or Unknown Code (No Meaning)
0 = Unused or Unknown Code (No Meaning)

SUBPART: ***0202***
Design Type: 3100
Quality Class: C45A

# of Units: 0
Beds/Baths: 0/0
Building SqFt: 9,600

Year Built: 1925
Effective Year: 1930
Depreciation: UC55 / / 0

RCN Other: $ 0
RCN Other Trended: $ 0
Year Change: 1972

Design Type: 3100
3 = Industrial
1 = Light Manufacturing
0 = Unused or Unknown Code (No Meaning)
0 = Unused or Unknown Code (No Meaning)

SUMMARY: ***Total***

# of Units: 0
Beds/Baths: 0/0
Building SqFt: 13,640
Avg SqFt/Unit:

Events History

Ownership () | Parcel Change ()

Show Re-Assessable Only:

Recording Date	Seq. #	Re-Assessed	# Parcels	%	Ver. Code	DTT Sale Price	Assessed Value
01/10/2006	50	Yes	1	00%-0	A	$ 2,025,020	$ 2,000,000
01/16/2001	50	No		00%-0		$ 0	$ 188,171
11/01/1967	50	Yes	1	00%-0	A	$ 0	$ 0

Assessment History

Show All: **Hide Inactive Rolls:**

Showing 1 to 10 of 42 entries.

Bill Number	Bill Type	Bill Status	Date to Auditor	Recording Date	Total Value	Land Value	Improvement Value
220-PSEG				01/10/2006	$ 2,499,128	$ 1,874,349	$ 624,779
2190000	R	A	07/01/2019	01/10/2006	$ 2,450,127	$ 1,837,598	$ 612,529
2180000	R	A	07/19/2018	01/10/2006	$ 2,402,086	$ 1,801,567	$ 600,519
2170000	R	A	06/26/2017	01/10/2006	$ 2,354,988	$ 1,766,243	$ 588,745
2160000	R	A	07/05/2016	01/10/2006	$ 2,308,812	$ 1,731,611	$ 577,201
2150000	R	A	06/23/2015	01/10/2006	$ 1,910,000	$ 1,510,000	$ 400,000
2140000	R	A	06/24/2014	01/10/2006	$ 1,080,000	$ 810,000	$ 270,000
2130000	R	A	06/25/2013	01/10/2006	$ 887,000	$ 463,000	$ 424,000
2120000	R	A	06/27/2012	01/10/2006	$ 887,000	$ 463,000	$ 424,000
2110000	R	A	07/06/2011	01/10/2006	$ 1,432,000	$ 1,117,000	$ 315,000

« 1 2 3 4 5 »

© 2017- Los Angeles County Assessor
Contact Us (https://assessor.lacounty.gov/contact-us/) | Disclaimer (disclaimer) | FAQ (faq)
PDB Effective Date: 07/14/2019

(https://facebook.com/LACAssessor) (https://www.twitter.com/LACASSESSOR) (https://www.linkedin.com/company/los-angeles-county-office-of-the-assessor) (https://youtube.com/u

Summary

AIN: 5205-004-007 7

Situs Address:
3433 PASADENA AVE
LOS ANGELES CA 90031-1929

Use Type:	Industrial
Parcel Type:	Regular Fee Parcel
Tax Rate Area:	00004
Parcel Status:	**ACTIVE**
Create Date:	
Delete Date:	
Tax Status:	**CURRENT**
Year Defaulted:	
Exemption:	None

Building (0101) & Land Overview

Use Code:	3100
Design Type:	3100
Quality Class:	C6A
# of Units:	0
Beds/Baths:	0/0
Building SqFt:	14,315
Year Built:	1967
Effective Year:	1967
Land SqFt:	28,145

(http://assessormap.co.la.ca.us/Geocortex/Essentials/REST/sites/PAIS/VirtualDirectory/AssessorMaps/ViewMap.html?val=5205-004)

Parcel Map (http://assessormap.co.la.ca.us/Geocortex/Essentials/REST/sites/PAIS/VirtualDirectory/AssessorMaps/ViewMap.html?val=5205-004) / Map Index (http://maps.assessor.lacounty.gov/Geocortex/Essentials/REST/sites/PAIS/VirtualDirectory/AssessorMaps/ViewMap.html?val=5205-NDX)

	2020 Roll Preparation		2019 Current Roll	RC	Year		2006 Base Value
$	1,874,349	$	1,837,598	T	2006	$	1,721,611
$	624,779	$	612,529	T	2006	$	517,201
$	2,499,128	$	2,450,127			$	2,238,812

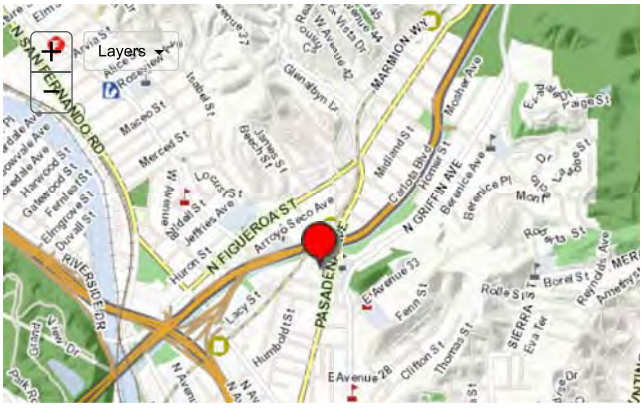
Assessor's Responsible Division

District:	East District Office
Region:	27
Cluster:	27808 CAL STATE LA

East District Office (https://maps.google.com/?q=1190+Durfee+Ave.+South+El+Monte%2C+CA+91733)
1190 Durfee Ave.
South El Monte, CA 91733

Phone: (626) 258-6001
Toll Free: 1 (888) 807-2111
M-F 7:30 am to 5:00 pm

Please set a location or search for an address.



Building and Land Characteristics

Land Information

Use Code = 3100 (Industrial)

Total SqFt (GIS):	28,145
Total SqFt (PDB):	
Usable SqFt:	0
Acres:	
Land W' x D':	0 x 0
Sewers:	
Flight Path:	
X-Traffic:	
Freeway:	
Corner Lot:	
Golf Front:	
Horse Lot:	
View:	
Zoning:	LACM

Code Split:
Impairment: None

Situs Address:
3433 PASADENA AVE LOS ANGELES CA 90031-1929

Legal Description *(for assessment purposes)*:
TRACT NO 23801 LOT COM AT MOST E COR OF LOT 2 TH SW ON NW LINE OF PASADENA AVE TO NE COR OF LOT 3 TH NW ON NE LINE OF SD LOT 3, 149.37 FT TH N 9¢45'05" E 48.51 FT TH N 14¢21'15" E TO NE LINE OF SD LOT 2 TH SE THEREON 149.3 FT TO BEG PART OF LOT 2

Use Code: 3100 (Industrial)
3 = Industrial
1 = Light Manufacturing
0 = Unused or Unknown Code (No Meaning)
0 = One Story

Building Information

SUBPART: ***0101***
Design Type: 3100
Quality Class: C6A

# of Units: 0
Beds/Baths: 0/0
Building SqFt: 14,315

Year Built: 1967
Effective Year: 1967
Depreciation: MC45 / 4K / 0

RCN Other: $ 0
RCN Other Trended: $ 0
Year Change: 1974

Design Type: 3100
3 = Industrial
1 = Light Manufacturing
0 = Unused or Unknown Code (No Meaning)
0 = Unused or Unknown Code (No Meaning)

SUMMARY: ***Total***

# of Units: 0
Beds/Baths: 0/0
Building SqFt: 14,315
Avg SqFt/Unit:

Events History

Ownership () | Parcel Change ()

Show Re-Assessable Only:

Recording Date	Seq. #	Re-Assessed	# Parcels	%	Ver. Code	DTT Sale Price	Assessed Value
01/10/2006	50	Yes	1	00%-0	A	$ 2,000,020	$ 2,000,000
05/09/1986	50	No	1	00%-0	K	$ 0	$ 242,349
08/09/1967	50	Yes	1	00%-0	A	$ 0	$ 0

Assessment History

Show All: **Hide Inactive Rolls:** Showing 1 to 10 of 43 entries.

Bill Number	Bill Type	Bill Status	Date to Auditor	Recording Date	Total Value	Land Value	Improvement Value
220-PSEG				01/10/2006	$ 2,499,128	$ 1,874,349	$ 624,779
2190000	R	A	07/01/2019	01/10/2006	$ 2,450,127	$ 1,837,598	$ 612,529
2180000	R	A	07/19/2018	01/10/2006	$ 2,402,086	$ 1,801,567	$ 600,519
2170000	R	A	06/26/2017	01/10/2006	$ 2,354,988	$ 1,766,243	$ 588,745
2160000	R	A	07/05/2016	01/10/2006	$ 2,308,812	$ 1,731,611	$ 577,201

Bill Number	Bill Type	Bill Status	Date to Auditor	Recording Date	Total Value	Land Value	Improvement Value
2150000	R	A	06/23/2015	01/10/2006	$ 2,070,000	$ 1,510,000	$ 560,000
2140000	R	A	06/24/2014	01/10/2006	$ 1,088,000	$ 588,000	$ 500,000
2130000	R	A	06/25/2013	01/10/2006	$ 1,088,000	$ 588,000	$ 500,000
2120000	R	A	06/27/2012	01/10/2006	$ 1,088,000	$ 588,000	$ 500,000
2110000	R	A	07/06/2011	01/10/2006	$ 1,503,000	$ 1,003,000	$ 500,000

« 1 2 3 4 5 »

© 2017- Los Angeles County Assessor
Contact Us (https://assessor.lacounty.gov/contact-us/) | Disclaimer (disclaimer) | FAQ (faq)
PDB Effective Date: 07/14/2019

(https://facebook.com/LACAssessor) (https://www.twitter.com/LACASSESSOR) (https://www.linkedin.com/company/los-angeles-county-office-of-the-assessor) (https://youtube.com/u

5205 | 4

SCALE 1" = 100'

GRIFFINS ARROYO SECO TRACT
M.R. 22-45

HUNTER HIGHLAND VIEW TRACT
M.R. 4-570

RECORDER'S FILED MAP NO. 604-R
LOS ANGELES & SALT LAKE R.R.CO.
R.F. 604-R

WHITTAKER RICHARDSON AND ERNEST SUBDIVISION OF LOTS 2&3 GRIFFIN TRACT
M.R. 10-2

TRACT NO. 2358
M.B. 23-118-119

TRACT NO. 23801
M.B. 682-49-50

CODE
4

NO. 293 FOR PREV. ASSM'T. SEE: 4-1,3,4,6,8 & 52

REVISED
670908518
670925
710917
7203/6401
770208810
7804/9104

930630070030 01-04
970730050030 02-04
20010806 06
2006032002-27
20060320020020 01-27
20140401 02-27

ASSESSOR'S MAP
COUNTY OF LOS ANGELES, CALIF.

ENV-2013-3392-CE	SN: Sign District	No
ENV-2009-599-EIR	Streetscape	No
ED-74-490-ZV	Adaptive Reuse Incentive Area	Adaptive Reuse Incentive Areas
ED-75-514-ZV	Affordable Housing Linkage Fee	
PKG-4603	Residential Market Area	Medium
PKG-2421	Non-Residential Market Area	Medium
OB-43892	Transit Oriented Communities (TOC)	Tier 3
OB-13748	CRA - Community Redevelopment Agency	None
OB-13747-B	Central City Parking	No
AFF-44508	Downtown Parking	No
AFF-43982	Building Line	None
AFF-43902	500 Ft School Zone	Active: Loreto Street Elementary School Active: Hillside Elementary School Active: Loreto Street Elementary School (Dual Language Spanish)
AFF-40237-A		
	500 Ft Park Zone	No
	Assessor Information	
	Assessor Parcel No. (APN)	5205004011
	APN Area (Co. Public Works)*	3.620 (ac)
	Use Code	3300 - Industrial - Warehousing, Distribution, Storage - Warehousing, Distribution, Under 10,000 SF - One Story
	Assessed Land Val.	$2,026,210
	Assessed Improvement Val.	$1,350,803
	Last Owner Change	07/17/2000
	Last Sale Amount	$0
	Tax Rate Area	4
	Deed Ref No. (City Clerk)	7-891
		481234-35
		429675
		3-14
		2-505
		10902217
		1090217
		0-901
	Building 1	
	Year Built	1977
	Building Class	DX
	Number of Units	0
	Number of Bedrooms	0
	Number of Bathrooms	0
	Building Square Footage	61,000.0 (sq ft)
	Building 2	
	Year Built	1977
	Building Class	C6C
	Number of Units	0
	Number of Bedrooms	0
	Number of Bathrooms	0
	Building Square Footage	87,980.0 (sq ft)
	Building 3	No data for building 3
	Building 4	No data for building 4
	Building 5	No data for building 5
	Additional Information	
	Airport Hazard	None
	Coastal Zone	None
	Farmland	Area Not Mapped
	Urban Agriculture Incentive Zone	YES
	Very High Fire Hazard Severity Zone	No

This report is subject to the terms and conditions as set forth on the website. For more details, please refer to the terms and conditions at zimas.lacity.org
(*) - APN Area is provided "as is" from the Los Angeles County's Public Works, Flood Control, Benefit Assessment.

Fire District No. 1	No
Flood Zone	None
Watercourse	No
Hazardous Waste / Border Zone Properties	No
Methane Hazard Site	None
High Wind Velocity Areas	No
Special Grading Area (BOE Basic Grid Map A-13372)	No
Oil Wells	None
Seismic Hazards	
Active Fault Near-Source Zone	
Nearest Fault (Distance in km)	1.48364448
Nearest Fault (Name)	Upper Elysian Park
Region	Los Angeles Blind Thrusts
Fault Type	B
Slip Rate (mm/year)	1.30000000
Slip Geometry	Reverse
Slip Type	Poorly Constrained
Down Dip Width (km)	13.00000000
Rupture Top	3.00000000
Rupture Bottom	13.00000000
Dip Angle (degrees)	50.00000000
Maximum Magnitude	6.40000000
Alquist-Priolo Fault Zone	No
Landslide	No
Liquefaction	Yes
Preliminary Fault Rupture Study Area	No
Tsunami Inundation Zone	No
Economic Development Areas	
Business Improvement District	LINCOLN HEIGHTS INDUSTRIAL ZONE
Opportunity Zone	Yes
Promise Zone	None
Renewal Community	No
Revitalization Zone	Central City
State Enterprise Zone	EAST LOS ANGELES STATE ENTERPRISE ZONE
Targeted Neighborhood Initiative	None
Housing	
Direct all Inquiries to	Housing+Community Investment Department
Telephone	(866) 557-7368
Website	http://hcidla.lacity.org
Rent Stabilization Ordinance (RSO)	No
Ellis Act Property	No
Public Safety	
Police Information	
Bureau	Central
Division / Station	Hollenbeck
Reporting District	412
Fire Information	
Bureau	Central
Batallion	2
District / Fire Station	1
Red Flag Restricted Parking	No

This report is subject to the terms and conditions as set forth on the website. For more details, please refer to the terms and conditions at zimas.lacity.org
(*) - APN Area is provided "as is" from the Los Angeles County's Public Works, Flood Control, Benefit Assessment.

CASE SUMMARIES

Note: Information for case summaries is retrieved from the Planning Department's Plan Case Tracking System (PCTS) database.

Case Number:	CPC-2018-5580-SP
Required Action(s):	SP-SPECIFIC PLAN (INCLUDING AMENDMENTS)
Project Descriptions(s):	SPECIFIC PLAN AMENDMENT (11.5.7G)
Case Number:	CPC-2009-598-CA-SP
Required Action(s):	SP-SPECIFIC PLAN (INCLUDING AMENDMENTS)
	CA-CODE AMENDMENT
Project Descriptions(s):	THE CORNFIELD ARROYO SPECIFIC PLAN (CASP) WILL GUIDE THE FUTURE DEVELOPMENT OF AN APPROXIMATELY 660 ACRE AREA THAT IS LOCATED WITHIN PORTIONS OF THE CENTRAL CITY NORTH, NORTHEAST, AND SILVERLAKE-ECHO PARK COMMUNITY PLAN AREAS. THE CASP IS INTENDED TO SERVE AS A FRAMEWORK FOR CREATING AN ENVIRONMENTALLY SUSTAINABLE, INCLUSIVE, AND ECONOMICALLY VIABLE AREA. POLICIES INCLUDED IN THE CASP ACCOMODATE A RANGE OF HOUSING OPTIONS, NEW PUBLIC SPACES, OPPORTUNITIES FOR WALKING AND BICYCLING, AND CLUSTERS FOR BOTH EXISTING INDUSTRIAL BUSINESSES AND THE CLEAN TECHNOLOGY BUSINESSES OF THE FUTURE.
Case Number:	CPC-2008-3125-CA
Required Action(s):	CA-CODE AMENDMENT
Project Descriptions(s):	THE ADDITION OF A RIVER IMPROVEMENT OVERLAY (RIO) DISTRICT AS SECTION 13.12 OF THE L.A.M.C. IN RESPONSE TO THE LOS ANGELES RIVER REVITALIZATION MASTER PLAN (LARRMP) THAT WAS ADOPTED IN MAY 2007. THIS SUPPLEMENTAL USE DISTRICT WOULD ESTABLISH STANDARDS FOR NEW DEVELOPMENT ALONG WATERWAYS
Case Number:	CPC-2006-5242-ZC-GPA
Required Action(s):	GPA-GENERAL PLAN AMENDMENT
	ZC-ZONE CHANGE
Project Descriptions(s):	ZONE CHANGE AND LAND USE PLAN AMENDMENT TO THE NORTHEAST LOS ANGELES COMMUNITY PLAN PORTION OF THE LAND USE ELEMENT OF THE CITY'S GENERAL PLAN.
Case Number:	CPC-1989-177
Required Action(s):	Data Not Available
Project Descriptions(s):	INTERIM CONTROL ORDINANCE FOR THE ENTIRE NORTHEAST LOS ANGELESDISTRICT PLAN
	CONTINUATION OF CPC-89-0177. SEE GENERAL COMMENTS FOR CONTINUATION.
Case Number:	CPC-1986-826-GPC
Required Action(s):	GPC-GENERAL PLAN/ZONING CONSISTENCY (AB283)
Project Descriptions(s):	GENERAL PLAN/ZONING CONSISTENCY - ZONE CHANGES - HEIGHT DISTRICT CHANGES AND PLAN AMENDMENTS - VARIOUS LOCATIONS
Case Number:	ZA-2016-272-ZAA-SPR-CLQ
Required Action(s):	CLQ-CLARIFICATION OF 'Q' CONDITIONS
	SPR-SITE PLAN REVIEW
	ZAA-AREA,HEIGHT,YARD,AND BLDG LINE ADJMNTS GT 20% (SLIGHT MODIFICATIONS)
Project Descriptions(s):	PURSUANT TO LAMC 12.27 THE APPLICANT REQUEST A ZONE VARIANCE TO PERMIT A DENSITY OF 1 DWELLING/534 PER SQUARE IN LIEU OF THE 1/800 AS REQUIRED BY 12.17.1; PURSUANT TO 16.05 THE APPLICANT REQUEST SITE PLAN REVIEW FOR A PROJECT WITH MORE THAN 50 UNITS; AND PURSUANT TO 12.24W1 THE APPLICANT REQUEST A MASTER CUB FOR A 10,000 SQFT RETAIL SPACE, ALL IN CONJUNCTION WITH CONSTRUCTION OF A NEW 410 RESIDENTIAL PROJECT OVER SEVERAL BUILDINGS AND REHABILITATION OF SEVERAL EXISTING BUILDINGS.
Case Number:	ZA-19XX-21879
Required Action(s):	Data Not Available
Project Descriptions(s):	
Case Number:	ZA-19XX-21493
Required Action(s):	Data Not Available
Project Descriptions(s):	
Case Number:	ZA-1977-84
Required Action(s):	Data Not Available
Project Descriptions(s):	
Case Number:	ENV-2016-273-MND
Required Action(s):	MND-MITIGATED NEGATIVE DECLARATION
Project Descriptions(s):	PURSUANT TO LAMC 12.27 THE APPLICANT REQUEST A ZONE VARIANCE TO PERMIT A DENSITY OF 1 DWELLING/534 PER SQUARE IN LIEU OF THE 1/800 AS REQUIRED BY 12.17.1; PURSUANT TO 16.05 THE APPLICANT REQUEST SITE PLAN REVIEW FOR A PROJECT WITH MORE THAN 50 UNITS; AND PURSUANT TO 12.24W1 THE APPLICANT REQUEST A MASTER CUB FOR A 10,000 SQFT RETAIL SPACE, ALL IN CONJUNCTION WITH CONSTRUCTION OF A NEW 410 RESIDENTIAL PROJECT OVER SEVERAL BUILDINGS AND REHABILITATION OF SEVERAL EXISTING BUILDINGS.
Case Number:	ENV-2013-3392-CE
Required Action(s):	CE-CATEGORICAL EXEMPTION

This report is subject to the terms and conditions as set forth on the website. For more details, please refer to the terms and conditions at zimas.lacity.org
(*) - APN Area is provided "as is" from the Los Angeles County's Public Works, Flood Control, Benefit Assessment.

Project Descriptions(s):	THE PROPOSED ORDINANCE MODIFIES SECTION 22.119 OF THE LOS ANGELES ADMINISTRATIVE CODE TO ALLOW ORIGINAL ART MURALS ON LOTS DEVELOPED WITH ONLY ONE SINGLE-FAMILY RESIDENTIAL STRUCTURE AND THAT ARE LOCATED WITHIN COUNCIL DISTRICTS 1, 9, AND 14.
Case Number:	ENV-2009-599-EIR
Required Action(s):	EIR-ENVIRONMENTAL IMPACT REPORT
Project Descriptions(s):	THE CORNFIELD ARROYO SPECIFIC PLAN (CASP) WILL GUIDE THE FUTURE DEVELOPMENT OF AN APPROXIMATELY 660 ACRE AREA THAT IS LOCATED WITHIN PORTIONS OF THE CENTRAL CITY NORTH, NORTHEAST, AND SILVERLAKE-ECHO PARK COMMUNITY PLAN AREAS. THE CASP IS INTENDED TO SERVE AS A FRAMEWORK FOR CREATING AN ENVIRONMENTALLY SUSTAINABLE, INCLUSIVE, AND ECONOMICALLY VIABLE AREA. POLICIES INCLUDED IN THE CASP ACCOMODATE A RANGE OF HOUSING OPTIONS, NEW PUBLIC SPACES, OPPORTUNITIES FOR WALKING AND BICYCLING, AND CLUSTERS FOR BOTH EXISTING INDUSTRIAL BUSINESSES AND THE CLEAN TECHNOLOGY BUSINESSES OF THE FUTURE.
Case Number:	ED-74-490-ZV
Required Action(s):	ZV-ZONE VARIANCE
Project Descriptions(s):	Data Not Available
Case Number:	ED-75-514-ZV
Required Action(s):	ZV-ZONE VARIANCE
Project Descriptions(s):	Data Not Available
Case Number:	OB-13747-B
Required Action(s):	B-PRIVATE STREET MODIFICATIONS (2ND REQUEST)
Project Descriptions(s):	Data Not Available
Case Number:	AFF-40237-A
Required Action(s):	A-PRIVATE STREET MODIFICATIONS (1ST REQUEST)
Project Descriptions(s):	Data Not Available

DATA NOT AVAILABLE

ORD-182617
ORD-182498
ORD-179280-SA4
ORD-172316
ORD-166216-SA2924
YV-1977-84
PKG-4603
PKG-2421
OB-43892
OB-13748
AFF-44508
AFF-43982
AFF-43902

This report is subject to the terms and conditions as set forth on the website. For more details, please refer to the terms and conditions at zimas.lacity.org
(*) - APN Area is provided "as is" from the Los Angeles County's Public Works, Flood Control, Benefit Assessment.

Appendix D

Regulatory Database

135 141 153 West Avenue 34 3401 3433 Pasadena Ave
135 141 153 West Avenue 34 3401 3433 Pasadena Ave
Los Angeles, CA 90031

Inquiry Number: 5694144.2s
June 24, 2019

The EDR Radius Map™ Report with GeoCheck®

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION	PAGE
Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	9
Orphan Summary	330
Government Records Searched/Data Currency Tracking	GR-1

GEOCHECK ADDENDUM

Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting Source Map	A-7
Physical Setting Source Map Findings	A-8
Physical Setting Source Records Searched	PSGR-1

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2019 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

135 141 153 WEST AVENUE 34 3401 3433 PASADENA AVE
LOS ANGELES, CA 90031

COORDINATES

Latitude (North):	34.0847510 - 34° 5' 5.10''
Longitude (West):	118.2143100 - 118° 12' 51.51''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	387966.9
UTM Y (Meters):	3772023.8
Elevation:	372 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5630795 LOS ANGELES, CA
Version Date:	2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20140515
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
135 141 153 WEST AVENUE 34 3401 3433 PASADENA AVE
LOS ANGELES, CA 90031

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	WILLIAM PILE ENTERPR	153 W AVENUE 34	HAZMAT		TP
A2	TOUCHSTONE PICTURES	141 W AVE 34	HAZNET		TP
A3	20TH CENTURY FOX (TH	3401 PASADENA AVE	HAZNET		TP
A4	AMERICAN CASTER CORP	141 W AVENUE 34	RCRA-SQG, FINDS, ECHO, EMI, HAZNET, CERS		TP
A5	JARDINERO PRODUCTION	135 W AVENUE 34	HAZNET		TP
A6	RUSH HOUR PRODUCTION	141 W AVENUE 34	HAZNET		TP
A7	BIRDDOG	135 W AVENUE 34	HAZNET		TP
A8	GONE GIRL	3433 PASADENA AVE	HAZNET		TP
A9	MONEYBALL	3433 PASADENA AVE	HAZNET		TP
A10	WARNER BROS	135 W AVENUE 34	HAZNET		TP
A11	ALL ABOUT STEVE MOVI	135 W AVE 34	RCRA NonGen / NLR		TP
A12	INFORMANT PRODUCTION	3433 PASADENA AVE	HAZNET		TP
A13	ALL ABOUT STEVE MOVI	135 W AVE 34	FINDS, ECHO		TP
A14	E D 1125 INC	3401 PASADENA AVE	HAZNET		TP
A15	TOMCATS	141 W AVE 34	HAZNET		TP
A16	END OF WATCH LLC	3433 PASADENA AVE	HAZNET		TP
A17	WARNER BROS HANGOVER	3433 PASADENA AVE	HAZNET		TP
A18	SOUL PRODUCTION LLC	135 W AVENUE 34	HAZNET		TP
A19	ORTIZ BROTHERS MOVIN	135 W AVENUE 34	HAZNET		TP
A20	WARNER BROS PICTURES	3433 PASADENA AVE	FINDS, ECHO		TP
A21	ELASTIC COATINGS ORG	3401 PASADENA AVENUE	HAZNET		TP
A22	STEP UP 3D	135 W AVENUE 34	HAZNET		TP
A23	ORTIZ BROTHERS MOVIN	135 W AVENUE 34	HAZNET		TP
A24	FIVE CONTINENT IMPOR	141 W AVENUE 34	HAZNET		TP
A25	LOVE & BASKETBALL	135 W AVE 34	HAZNET		TP
A26	LIE TO ME	141 W AVENUE 34	HAZNET		TP
A27	ALL ABOUT STEVE MOVI	135 W AVE 34 BLDG 13	HAZNET		TP
A28	NURSE BETTY PRODUCTI	135 W AVENUE 34	HAZNET		TP
A29	ABC SIGNATURE STUDIO	141 W. AVENUE 34	HAZNET		TP
A30	BOB BAKER PRODUCTION	3401 PASADENA AVENUE	EMI		TP
A31	20TH CENTURY FOX/DAR	135 W AVE 34	HAZNET		TP
A32	BATTLE OF THE SEXES	141 W AVE 34	HAZNET		TP
A33	HOTEL FOR DOGS	3433 PASADENA AVE	HAZNET		TP
A34	WARNER BROS PICTURES	3433 PASADENA AVE	RCRA NonGen / NLR		TP
A35	OLIVERS ARROW MOVIE	135 W AVENUE 34	HAZNET		TP
A36	DREAMWORKS PRODUCTIO	141 W AVENUE 34	HAZNET		TP
A37	FOX GONE GIRL	3433 PASADENA AVE	HAZNET		TP
38	AMERICAN CASTER CORP	157 W AVENUE 34	HAZMAT	Lower	1 ft.
39		3445 PASADENA AVE	UST	Higher	14, 0.003, ENE

MAPPED SITES SUMMARY

Target Property Address:
135 141 153 WEST AVENUE 34 3401 3433 PASADENA AVE
LOS ANGELES, CA 90031

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
40		3360 PASADENA AVE	UST	Higher	52, 0.010, SE
B41	WELCH'S UNIFORM RENT	3505 N PASADENA AVE	UST	Lower	142, 0.027, NNE
B42	FORMER WELCH'S UNIFO	3505 PASADENA AVENUE	RCRA-LQG, ENVIROSTOR, LUST, CPS-SLIC, VCP, SWEEPS..	Lower	142, 0.027, NNE
B43	WELCH OVERALL CLEANI	3505 PASADENA AVE	DRYCLEANERS	Lower	142, 0.027, NNE
B44	WELCH'S UNIFORM RENT	3505 N PASADENA AVE	HAZMAT	Lower	142, 0.027, NNE
B45	WELCHS OVERALL LAUND	3505 PASADENA AVENUE	EDR Hist Cleaner	Lower	142, 0.027, NNE
B46		3505 PASADENA AVE	UST	Lower	142, 0.027, NNE
B47	WELCH UNIFORM	3505 PASADENA	CPS-SLIC	Lower	142, 0.027, NNE
C48	CALIFORNIA DEPARTMEN	403 W AVE 33	RCRA NonGen / NLR	Lower	213, 0.040, West
C49	SOUTHERN CALIFORNIA	403 W AVENUE 33	RCRA-LQG, FINDS, ECHO	Lower	213, 0.040, West
C50	CALIF DEPT OF FOOD &	403 W AVENUE 33	HAZMAT	Lower	213, 0.040, West
C51	CALIFORNIA DEPARTMEN	403 W AVENUE 33	CERS HAZ WASTE, CERS	Lower	213, 0.040, West
C52	CALIF DEPT OF FOOD &	403 W AVENUE 33	UST	Lower	213, 0.040, West
D53	RUSSING ENGINEERING	211 W AVE 33	RCRA-SQG, FINDS, ECHO	Lower	246, 0.047, SSW
D54	RUSSING ENGINEERING,	211 W AVENUE 33	HAZMAT	Lower	246, 0.047, SSW
D55	ADIN OF CALIFORNIA	119 W AVENUE 33	RCRA NonGen / NLR	Lower	248, 0.047, South
D56	ADIN OF CALIFORNIA	119 W AVE 33	RCRA-SQG	Lower	248, 0.047, South
E57	JS AUTOBODY	315 W AVE 33	RCRA-SQG, FINDS, ECHO, HAZNET	Lower	253, 0.048, WSW
E58	G/G AIR CONDITIONING	311 W AVENUE 33	SWEEPS UST, CA FID UST	Lower	264, 0.050, WSW
E59	G & G AIR CONDITIONI	311 W AVENUE 33	UST	Lower	264, 0.050, WSW
E60	G & G AIR CONDITIONI	311 W AVENUE 33	HAZMAT	Lower	264, 0.050, WSW
F61	SMITH W P	3500 PASADENA AVENUE	EDR Hist Cleaner	Higher	321, 0.061, NE
F62	CHUY CARBURATORS	3500 N PASADENA AVE	HAZMAT	Higher	321, 0.061, NE
G63	LA DWP - DISTRIBUTIO	3436 N MARMION WY	HAZMAT	Lower	339, 0.064, NNW
G64	DISTRIBUTING STATION	3436 MARMION WAY	AST	Lower	339, 0.064, NNW
F65	LAUSD - HILLSIDE ELE	120 E AVENUE 35	HAZMAT	Higher	347, 0.066, ENE
F66	LA USD HILLSIDE EL	120 E AVE 35	RCRA-SQG, FINDS, ECHO	Higher	347, 0.066, ENE
H67	W. HEATH AND COMPANY	3225 LACY ST	HIST UST	Lower	574, 0.109, West
H68	LAUSD - MAINTENANCE	3225 E LACY ST	UST	Lower	574, 0.109, West
H69	W HEATH AND COMPANY	3225 LACY ST	SWEEPS UST, HIST UST, CA FID UST	Lower	574, 0.109, West
H70	MAINTENANCE AND OPER	3225 LACY STREET	RCRA-LQG	Lower	574, 0.109, West
H71	LAUSD - MAINTENANCE	3225 E LACY ST	HAZMAT	Lower	574, 0.109, West
H72	HEATH & CO	3225 LACY ST	LUST, FINDS, ECHO, HIST CORTESE, CERS	Lower	574, 0.109, West
H73	CITY OF LA - DEPT OF	3201 E LACY ST	HAZMAT	Lower	628, 0.119, WSW
I74	ITT CANNON	3209 E HUMBOLDT ST	HAZMAT	Lower	628, 0.119, SW
I75	ITT CANNON	3209 E HUMBOLDT ST	UST	Lower	628, 0.119, SW
I76	KENNINGTON	3209 HUMBOLDT ST.	RCRA-SQG, FINDS	Lower	644, 0.122, SSW
I77	KENNINGTON LTD. (ITT	3209 HUMBOLDT ST.	SEMS, ENVIROSTOR, VCP, SWEEPS UST, CA FID UST,...	Lower	644, 0.122, SSW
I78	KENNINGTON PROPERTIE	3209 HUMBOLT ST	CPS-SLIC, LA Co. Site Mitigation, CERS	Lower	644, 0.122, SSW

MAPPED SITES SUMMARY

Target Property Address:
135 141 153 WEST AVENUE 34 3401 3433 PASADENA AVE
LOS ANGELES, CA 90031

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
79		3300 GRIFFIN AVE	UST	Higher	657, 0.124, ESE
I80	SELF-REALIZATION FEL	3208 HUMBOLDT STREET	RCRA-SQG, FINDS, ECHO	Lower	670, 0.127, SSW
I81	SELF REALIZATION FEL	3208 E HUMBOLDT ST	HAZMAT, CERS	Lower	670, 0.127, SSW
J82		3511 CARLOTA BLVD	UST	Lower	676, 0.128, NE
K83	LOS ANGELES USD LORE	3408 ARROYO SECO AVE	RCRA-SQG, FINDS, ECHO	Lower	717, 0.136, NW
K84	LORETO STREET ELEMEN	3408 ARROYO SECO AVE	ENVIROSTOR, SCH	Lower	717, 0.136, NW
K85	LAUSD - LORETO STREE	3408 N ARROYO SECO A	UST	Lower	717, 0.136, NW
K86	LAUSD - LORETO STREE	3408 N ARROYO SECO A	HAZMAT	Lower	717, 0.136, NW
L87	SIMPLEX GRINNELL	2684 E LACY ST	HAZMAT	Lower	764, 0.145, WSW
J88	MR. DUNG THAI	3543 PASADENA AVE	UST	Lower	795, 0.151, NNE
J89		3550 PASADENA AVE	UST	Lower	801, 0.152, NE
J90	JSL FOODS INC	3550 PASADENA AVE	RCRA NonGen / NLR	Lower	801, 0.152, NE
J91		3545-55 PASADENA AVE	UST	Lower	802, 0.152, NNE
M92	LINE 765 RECEIVER	CYPRESS AVE AND ARRO	RCRA-LQG	Lower	881, 0.167, WNW
M93	JORDAN NUCLEAR CO.	3244 N ARROYO SECO A	HAZMAT	Lower	884, 0.167, WNW
J94	FLAVOR FOODS INC.	3580 PASADENA AVE	SWEEPS UST, CA FID UST	Lower	887, 0.168, NE
J95	FOOD FOR LIFE	3580 PASADENA AVE	LUST, HIST UST, HIST CORTESE, CERS	Lower	887, 0.168, NE
J96		3580 PASADENA AVE	UST	Lower	887, 0.168, NE
J97		3548 PASADENA AVE	UST	Lower	927, 0.176, NE
N98	LINCOLN HEIGHTS DIST	3101 ARTESIAN ST	SWEEPS UST, CA FID UST	Lower	982, 0.186, SW
N99	LA DWP - LINCOLN HEI	3101 E ARTESIAN ST	UST	Lower	982, 0.186, SW
N100	LINCOLN HEIGHTS SERV	3101 ARTESIAN ST	LUST	Lower	982, 0.186, SW
N101	P D D CONSTRUCTION M	3101 ARTESIAN ST	RCRA-SQG, FINDS, ECHO	Lower	982, 0.186, SW
N102	LA DWP - LINCOLN HEI	3101 E ARTESIAN ST	HAZMAT	Lower	982, 0.186, SW
N103	LINCOLN HEIGHTS SERV	3101 ARTESIAN ST	LUST, CERS HAZ WASTE, HIST UST, CERS TANKS, HIST...	Lower	982, 0.186, SW
N104	LINCOLN HEIGHTS SERV	3101 ARTESIAN ST	UST, HIST UST	Lower	982, 0.186, SW
L105	LA LACY STREET TRANS	2661 LACY ST	RCRA-SQG, FINDS, ECHO	Lower	1018, 0.193, WSW
O106	MIKE'S TRANSMISSION	3500 N FIGUEROA ST	SWEEPS UST, CA FID UST, HAZMAT	Higher	1083, 0.205, NNW
O107	A B AUTO REPAIR & MU	3500 N FIGUEROA ST #	RCRA NonGen / NLR	Higher	1083, 0.205, NNW
O108	AB AUTO REPAIR & MUF	3500 N FIGUEROA ST #	RCRA NonGen / NLR	Higher	1083, 0.205, NNW
O109	MIKES TRANSMISSION	3500 N FIGUEROA ST	HIST UST	Higher	1083, 0.205, NNW
M110	UNION THREE AUTO SER	3304 N FIGUEROA ST	SWEEPS UST, CA FID UST	Lower	1114, 0.211, WNW
M111	UNION 3 AUTO SERVICE	3304 N FIGUEROA ST	RCRA NonGen / NLR	Lower	1114, 0.211, WNW
M112	UNION 3 AUTO SERVICE	3304 N FIGUEROA ST	CERS HAZ WASTE, HAZNET, HAZMAT, CERS	Lower	1114, 0.211, WNW
P113	BROMACK MANUFACTURIN	3005 HUMBOLDT ST	RCRA NonGen / NLR	Lower	1119, 0.212, SSW
P114	THE BROMACK COMPANY	3005 HUMBOLDT ST	CERS HAZ WASTE, EMI, HAZNET, HAZMAT, CERS	Lower	1119, 0.212, SSW
Q115	FACTORY APRON/TOWEL	3200 N FIGUEROA ST	SWEEPS UST, HIST UST, CA FID UST, EMI, HAZMAT	Lower	1182, 0.224, West
Q116	AMERICAN WEST FINISH	3200 N FIGUEROA ST	UST	Lower	1182, 0.224, West
Q117	FACTORY ARRON & TOWE	3200 N FIGUEROA ST	DRYCLEANERS	Lower	1182, 0.224, West

MAPPED SITES SUMMARY

Target Property Address:
135 141 153 WEST AVENUE 34 3401 3433 PASADENA AVE
LOS ANGELES, CA 90031

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
Q118	RENTA UNIFORM & TOWE	3200 NORTH FIGUEROA	RCRA-SQG, HIST UST, FINDS, ECHO	Lower	1182, 0.224, West
N119	NI WEST INCORPORATED	3011 HUMBOLDT STREET	SEMS-ARCHIVE	Lower	1211, 0.229, SSW
R120	LOS ANGELES USD NIGH	3311 N FIGUEROA ST	RCRA-SQG, FINDS, ECHO	Higher	1216, 0.230, NW
R121	LAUSD/NIGHTINGALE JH	3311 N FIGUEROA ST	CERS HAZ WASTE, HAZNET, HAZMAT, CERS	Higher	1216, 0.230, NW
P122	ALVARADO CUSTOM FURN	2907 HUMBOLDT ST	RCRA NonGen / NLR	Lower	1217, 0.230, SSW
P123	ALVARADO CUSTOM FURN	2907 E HUMBOLDT ST	CERS HAZ WASTE, HAZMAT, CERS	Lower	1217, 0.230, SSW
P124	BEST MANUFACTURING I	2903 E HUMBOLDT ST	HAZMAT	Lower	1219, 0.231, SSW
125		2636 LACY ST	UST	Lower	1285, 0.243, WSW
Q126	PHILLIP YEE HEATING	3229 N FIGUEROA ST	HAZMAT	Lower	1306, 0.247, WNW
S127	JAYBEE/ AJAX MFG COR	301 WEST AVE. 26	ENVIROSTOR, VCP, EMI	Lower	1538, 0.291, SW
S128	JAYBEE AJAX MANUFACT	301 WEST AVENUE 26	SEMS	Lower	1538, 0.291, SW
T129	LACY'S STREET DUMP	400 26TH AVENUE	WMUDS/SWAT, LDS, CERS	Lower	1648, 0.312, WSW
T130	LACY STREET / LA CIT	400 WEST AVENUE 26	SWF/LF	Lower	1708, 0.323, WSW
U131	MOBIL #18-BV7	2620 FIGUEROA ST.	LUST, CERS	Lower	1751, 0.332, West
V132	BILL'S AUTOMOTIVE (F	100 AVENUE 28 E	LUST	Higher	1770, 0.335, South
W133	LACY STREET/ LA CITY	400 AVE. 26, (ENTRAN	SWF/LF, CERS	Lower	1781, 0.337, SW
W134	PROPOSED AMCAL MULTI	306-360 W. AVE. 26	ENVIROSTOR	Lower	1839, 0.348, SW
V135	BILL'S AUTOMOTIVE #1	100 E AVENUE 28	LUST, SWEEPS UST, CA FID UST	Higher	1849, 0.350, South
136	BARON MANUFACTURING	241 AVENUE 26	ENVIROSTOR	Lower	1855, 0.351, SSW
W137	THE E.B. MALONE CORP	306-360 AVENUE 26	CPS-SLIC, CERS	Lower	1884, 0.357, SW
U138	AVENUE 26 & FIGUEROA	AVENUE 26 & FIGEROA	WMUDS/SWAT	Lower	1979, 0.375, West
U139	CHEVRON #9-3707	2601 FIGUEROA	LUST, HIST CORTESE	Lower	2008, 0.380, West
U140	SHELL	2600 FIGUEROA	ENF, HIST CORTESE	Lower	2011, 0.381, West
U141	SHELL	2600-2606 FIGUEROA S	LUST, CERS	Lower	2011, 0.381, West
X142	76 STATION #0857	2250 FIGUEROA ST. N.	LUST, CERS	Lower	2054, 0.389, West
X143	TOSCO S.S. #0857	2250 FIGUEROA ST N	LUST, HIST CORTESE, CERS	Lower	2054, 0.389, West
X144	ARCO FACILITY NO. 96	2251 FIGUEROA ST. N	LUST, CERS	Lower	2252, 0.427, West
145	BARON MFG	241 AVE 26	SEMS-ARCHIVE	Lower	2333, 0.442, South
146	28TH AND DELL AVENUE	VENICE	Notify 65	Lower	2684, 0.508, WNW
147	VICTOR S INDUSTRIAL	138 N SAN FERNANDO R	ENVIROSTOR, VCP, DEED, HAZMAT, LA Co. Site...	Lower	3766, 0.713, SSW
Y148	NATIONAL AIRCRAFT EQ		ENVIROSTOR	Higher	3936, 0.745, WSW
Y149	NATIONAL AIRCRAFT EQ		FUDS	Higher	3951, 0.748, WSW
150	INDUSTRIAL COMPOUNDS	1010 SAN FERNANDO	ENVIROSTOR, HIST CORTESE	Lower	4606, 0.872, WNW
151	ARAGON ELEMENTARY SC	1118 ARAGON AVENUE	ENVIROSTOR, SCH, EMI, CERS	Higher	4686, 0.887, NW

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 9 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
WILLIAM PILE ENTERPR 153 W AVENUE 34 LOS ANGELES, CA 90031	HAZMAT Database: LOS ANGELES HM, Date of Government Version: 01/01/2019	N/A
TOUCHSTONE PICTURES 141 W AVE 34 LOS ANGELES, CA 90031	HAZNET GEPAID: CAC002557374	N/A
20TH CENTURY FOX (TH 3401 PASADENA AVE LOS ANGELES, CA 90031	HAZNET GEPAID: CAC002619319	N/A
AMERICAN CASTER CORP 141 W AVENUE 34 LOS ANGELES, CA 90031	RCRA-SQG EPA ID:: CAD982351074 FINDS Registry ID:: 110002799767 ECHO Registry ID: 110002799767 EMI Facility Id: 19790 HAZNET GEPAID: CAD982351074 CERS	CAD982351074
JARDINERO PRODUCTION 135 W AVENUE 34 LOS ANGELES, CA 90031	HAZNET GEPAID: CAC002654881	N/A
RUSH HOUR PRODUCTION 141 W AVENUE 34 LOS ANGELES, CA 90031	HAZNET GEPAID: CAC001387408	N/A
BIRDDOG 135 W AVENUE 34 LOS ANGELES, CA 90031	HAZNET GEPAID: CAC002565428	N/A
GONE GIRL 3433 PASADENA AVE LOS ANGELES, CA 90031	HAZNET	N/A

	GEPAID: CAC002751861	
MONEYBALL 3433 PASADENA AVE LOS ANGELES, CA 90031	HAZNET GEPAID: CAP000201210	N/A
WARNER BROS 135 W AVENUE 34 LOS ANGELES, CA 90031	HAZNET GEPAID: CAC002838300	N/A
ALL ABOUT STEVE MOVI 135 W AVE 34 LOS ANGELES, CA 90031	RCRA NonGen / NLR EPA ID:: CAP000187583	CAP000187583
INFORMANT PRODUCTION 3433 PASADENA AVE LOS ANGELES, CA 90031	HAZNET GEPAID: CAC002631669	N/A
ALL ABOUT STEVE MOVI 135 W AVE 34 LOS ANGELES, CA 90031	FINDS Registry ID:: 110033020308 ECHO Registry ID: 110033020308	N/A
E D 1125 INC 3401 PASADENA AVE LOS ANGELES, CA 90031	HAZNET GEPAID: CAC002609799	N/A
TOMCATS 141 W AVE 34 LOS ANGELES, CA 90031	HAZNET GEPAID: CAC002287113	N/A
END OF WATCH LLC 3433 PASADENA AVE LOS ANGELES, CA 90031	HAZNET GEPAID: CAC002661078	N/A
WARNER BROS HANGOVER 3433 PASADENA AVE LOS ANGELES, CA 90031	HAZNET GEPAID: CAR000206029	N/A
SOUL PRODUCTION LLC 135 W AVENUE 34 LOS ANGELES, CA 90031	HAZNET	N/A

	GEPAID: CAC002674433	
ORTIZ BROTHERS MOVIN 135 W AVENUE 34 LOS ANGELES, CA 90031	HAZNET GEPAID: CAC001419176	N/A
WARNER BROS PICTURES 3433 PASADENA AVE LOS ANGELES, CA 90031	FINDS Registry ID:: 110054820958 ECHO Registry ID: 110054820958	N/A
ELASTIC COATINGS ORG 3401 PASADENA AVENUE LOS ANGELES, CA 90031	HAZNET GEPAID: CAC000714448	N/A
STEP UP 3D 135 W AVENUE 34 LOS ANGELES, CA 90031	HAZNET GEPAID: CAC002651863	N/A
ORTIZ BROTHERS MOVIN 135 W AVENUE 34 LOS ANGELES, CA 90031	HAZNET GEPAID: CAC001308488	N/A
FIVE CONTINENT IMPOR 141 W AVENUE 34 LOS ANGELES, CA 90031	HAZNET GEPAID: CAC002656262	N/A
LOVE & BASKETBALL 135 W AVE 34 LOS ANGELES, CA 90031	HAZNET GEPAID: CAC001474784	N/A
LIE TO ME 141 W AVENUE 34 LOS ANGELES, CA 90031	HAZNET GEPAID: CAL000335244	N/A
ALL ABOUT STEVE MOVI 135 W AVE 34 BLDG 13 LOS ANGELES, CA 90031	HAZNET GEPAID: CAP000187583	N/A
NURSE BETTY PRODUCTI 135 W AVENUE 34 LOS ANGELES, CA 90031	HAZNET	N/A

	GEPAID: CAC002135697	
ABC SIGNATURE STUDIO 141 W. AVENUE 34 LOS ANGELES, CA 90031	HAZNET GEPAID: CAC002896108	N/A
BOB BAKER PRODUCTION 3401 PASADENA AVENUE LOS ANGELES, CA 90031	EMI Facility Id: 69632	N/A
20TH CENTURY FOX/DAR 135 W AVE 34 LOS ANGELES, CA 90031	HAZNET GEPAID: CAC002550641	N/A
BATTLE OF THE SEXES 141 W AVE 34 LOS ANGELES, CA 90031	HAZNET GEPAID: CAL000416077	N/A
HOTEL FOR DOGS 3433 PASADENA AVE LOS ANGELES, CA 90031	HAZNET GEPAID: CAC002623838	N/A
WARNER BROS PICTURES 3433 PASADENA AVE LOS ANGELES, CA 90031	RCRA NonGen / NLR EPA ID:: CAR000206029	CAR000206029
OLIVERS ARROW MOVIE 135 W AVENUE 34 LOS ANGELES, CA 90031	HAZNET GEPAID: CAC002646704	N/A
DREAMWORKS PRODUCTIO 141 W AVENUE 34 LOS ANGELES, CA 90031	HAZNET GEPAID: CAC002631273	N/A
FOX GONE GIRL 3433 PASADENA AVE LOS ANGELES, CA 90031	HAZNET GEPAID: CAC002762588	N/A

EXECUTIVE SUMMARY

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL ---------- National Priority List
Proposed NPL ---------- Proposed National Priority List Sites
NPL LIENS ---------- Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL ---------- National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY ---------- Federal Facility Site Information listing

Federal RCRA CORRACTS facilities list

CORRACTS ---------- Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF ---------- RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-CESQG ---------- RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

LUCIS ---------- Land Use Control Information System
US ENG CONTROLS ---------- Engineering Controls Sites List
US INST CONTROL ---------- Sites with Institutional Controls

Federal ERNS list

ERNS ---------- Emergency Response Notification System

State- and tribal - equivalent NPL

RESPONSE ---------- State Response Sites

State and tribal leaking storage tank lists

INDIAN LUST ---------- Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

FEMA UST ---- Underground Storage Tank Listing
INDIAN UST ---- Underground Storage Tanks on Indian Land

State and tribal voluntary cleanup sites

INDIAN VCP ---- Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

BROWNFIELDS ---- Considered Brownfieds Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS ---- A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY ---- Recycler Database
HAULERS ---- Registered Waste Tire Haulers Listing
INDIAN ODI ---- Report on the Status of Open Dumps on Indian Lands
DEBRIS REGION 9 ---- Torres Martinez Reservation Illegal Dump Site Locations
ODI ---- Open Dump Inventory
IHS OPEN DUMPS ---- Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

AOCONCERN ---- Key Areas of Concerns in Los Angeles County
US HIST CDL ---- Delisted National Clandestine Laboratory Register
HIST Cal-Sites ---- Historical Calsites Database
CDL ---- Clandestine Drug Labs
Toxic Pits ---- Toxic Pits Cleanup Act Sites
US CDL ---- National Clandestine Laboratory Register
PFAS ---- PFAS Contamination Site Location Listing

Local Land Records

LIENS ---- Environmental Liens Listing
LIENS 2 ---- CERCLA Lien Information

Records of Emergency Release Reports

HMIRS ---- Hazardous Materials Information Reporting System
CHMIRS ---- California Hazardous Material Incident Report System
LDS ---- Land Disposal Sites Listing
MCS ---- Military Cleanup Sites Listing
SPILLS 90 ---- SPILLS 90 data from FirstSearch

Other Ascertainable Records

DOD ---- Department of Defense Sites

EXECUTIVE SUMMARY

SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR	Financial Assurance Information
EPA WATCH LIST	EPA WATCH LIST
2020 COR ACTION	2020 Corrective Action Program List
TSCA	Toxic Substances Control Act
TRIS	Toxic Chemical Release Inventory System
SSTS	Section 7 Tracking Systems
ROD	Records Of Decision
RMP	Risk Management Plans
RAATS	RCRA Administrative Action Tracking System
PRP	Potentially Responsible Parties
PADS	PCB Activity Database System
ICIS	Integrated Compliance Information System
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS	Material Licensing Tracking System
COAL ASH DOE	Steam-Electric Plant Operation Data
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER	PCB Transformer Registration Database
RADINFO	Radiation Information Database
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS	Incident and Accident Data
CONSENT	Superfund (CERCLA) Consent Decrees
INDIAN RESERV	Indian Reservations
FUSRAP	Formerly Utilized Sites Remedial Action Program
UMTRA	Uranium Mill Tailings Sites
LEAD SMELTERS	Lead Smelter Sites
US AIRS	Aerometric Information Retrieval System Facility Subsystem
US MINES	Mines Master Index File
ABANDONED MINES	Abandoned Mines
UXO	Unexploded Ordnance Sites
DOCKET HWC	Hazardous Waste Compliance Docket Listing
FUELS PROGRAM	EPA Fuels Program Registered Listing
CA BOND EXP. PLAN	Bond Expenditure Plan
Cortese	"Cortese" Hazardous Waste & Substances Sites List
CUPA Listings	CUPA Resources List
ENF	Enforcement Action Listing
Financial Assurance	Financial Assurance Information Listing
ICE	ICE
LOS ANGELES CO. HMS	HMS: Street Number List
HWP	EnviroStor Permitted Facilities Listing
HWT	Registered Hazardous Waste Transporter Database
MINES	Mines Site Location Listing
MWMP	Medical Waste Management Program Listing
NPDES	NPDES Permits Listing
PEST LIC	Pesticide Regulation Licenses Listing
PROC	Certified Processors Database
LA Co. Site Mitigation	Site Mitigation List
UIC	UIC Listing
UIC GEO	UIC GEO (GEOTRACKER)
WASTEWATER PITS	Oil Wastewater Pits Listing
WDS	Waste Discharge System
MILITARY PRIV SITES	MILITARY PRIV SITES (GEOTRACKER)
PROJECT	PROJECT (GEOTRACKER)
WDR	Waste Discharge Requirements Listing

EXECUTIVE SUMMARY

CIWQS ---------- California Integrated Water Quality System
NON-CASE INFO ---------- NON-CASE INFO (GEOTRACKER)
WIP ---------- Well Investigation Program Case List
OTHER OIL GAS ---------- OTHER OIL & GAS (GEOTRACKER)
PROD WATER PONDS ---------- PROD WATER PONDS (GEOTRACKER)
SAMPLING POINT ---------- SAMPLING POINT (GEOTRACKER)
WELL STIM PROJ ---------- Well Stimulation Project (GEOTRACKER)
LOS ANGELES CO LF METHANE ---------- Methane Producing Landfills

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP ---------- EDR Proprietary Manufactured Gas Plants
EDR Hist Auto ---------- EDR Exclusive Historical Auto Stations

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF ---------- Recovered Government Archive Solid Waste Facilities List
RGA LUST ---------- Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Federal CERCLIS list

SEMS: SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

A review of the SEMS list, as provided by EDR, and dated 04/11/2019 has revealed that there are 2

SEMS sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
KENNINGTON LTD. (ITT	***3209 HUMBOLDT ST.***	***SSW 0 - 1/8 (0.122 mi.)***	***I77***	***106***
Site ID: 0904968				
EPA Id: CA0000113175				
JAYBEE AJAX MANUFACT	301 WEST AVENUE 26	SW 1/4 - 1/2 (0.291 mi.)	S128	276
Site ID: 0905651				
EPA Id: CAD983578667				

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

A review of the SEMS-ARCHIVE list, as provided by EDR, and dated 04/11/2019 has revealed that there are 2 SEMS-ARCHIVE sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
NI WEST INCORPORATED	3011 HUMBOLDT STREET	SSW 1/8 - 1/4 (0.229 mi.)	N119	242
BARON MFG	241 AVE 26	S 1/4 - 1/2 (0.442 mi.)	145	311
Site ID: 0901788				
EPA Id: CAD980636195				

Federal RCRA generators list

RCRA-LQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

A review of the RCRA-LQG list, as provided by EDR, and dated 03/25/2019 has revealed that there are 4 RCRA-LQG sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
FORMER WELCH'S UNIFO	***3505 PASADENA AVENUE***	***NNE 0 - 1/8 (0.027 mi.)***	***B42***	***53***
EPA ID:: CAD075309740				
SOUTHERN CALIFORNIA	***403 W AVENUE 33***	***W 0 - 1/8 (0.040 mi.)***	***C49***	***76***

EPA ID:: CAR000245134				
MAINTENANCE AND OPER EPA ID:: CAD133111419	3225 LACY STREET	W 0 - 1/8 (0.109 mi.)	H70	98
LINE 765 RECEIVER EPA ID:: CAR000188680	CYPRESS AVE AND ARRO	WNW 1/8 - 1/4 (0.167 mi.)	M92	134

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 03/25/2019 has revealed that there are 11 RCRA-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LA USD HILLSIDE EL EPA ID:: CAD981624901	***120 E AVE 35***	***ENE 0 - 1/8 (0.066 mi.)***	***F66***	***94***
LOS ANGELES USD NIGH EPA ID:: CAD982022584	***3311 N FIGUEROA ST***	***NW 1/8 - 1/4 (0.230 mi.)***	***R120***	***243***

Lower Elevation	Address	Direction / Distance	Map ID	Page
RUSSING ENGINEERING EPA ID:: CAD981368152	***211 W AVE 33***	***SSW 0 - 1/8 (0.047 mi.)***	***D53***	***85***
ADIN OF CALIFORNIA EPA ID:: CAR000179895	119 W AVE 33	S 0 - 1/8 (0.047 mi.)	D56	88
JS AUTOBODY EPA ID:: CAR000049163	***315 W AVE 33***	***WSW 0 - 1/8 (0.048 mi.)***	***E57***	***89***
KENNINGTON EPA ID:: CAL000200404	***3209 HUMBOLDT ST.***	***SSW 0 - 1/8 (0.122 mi.)***	***I76***	***104***
SELF-REALIZATION FEL EPA ID:: CAD062071436	***3208 HUMBOLDT STREET***	***SSW 1/8 - 1/4 (0.127 mi.)***	***I80***	***124***
LOS ANGELES USD LORE EPA ID:: CAD982022535	***3408 ARROYO SECO AVE***	***NW 1/8 - 1/4 (0.136 mi.)***	***K83***	***128***
P D D CONSTRUCTION M EPA ID:: CAD983613282	***3101 ARTESIAN ST***	***SW 1/8 - 1/4 (0.186 mi.)***	***N101***	***144***
LA LACY STREET TRANS EPA ID:: CAD981988264	***2661 LACY ST***	***WSW 1/8 - 1/4 (0.193 mi.)***	***L105***	***182***
RENTA UNIFORM & TOWE EPA ID:: CAD981462849	***3200 NORTH FIGUEROA***	***W 1/8 - 1/4 (0.224 mi.)***	***Q118***	***239***

EXECUTIVE SUMMARY

State- and tribal - equivalent CERCLIS

ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

A review of the ENVIROSTOR list, as provided by EDR, and dated 01/28/2019 has revealed that there are 10 ENVIROSTOR sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NATIONAL AIRCRAFT EQ		WSW 1/2 - 1 (0.745 mi.)	Y148	323
ARAGON ELEMENTARY SC	***1118 ARAGON AVENUE***	***NW 1/2 - 1 (0.887 mi.)***	***151***	***326***

Lower Elevation	Address	Direction / Distance	Map ID	Page
FORMER WELCH'S UNIFO	***3505 PASADENA AVENUE***	***NNE 0 - 1/8 (0.027 mi.)***	***B42***	***53***
KENNINGTON LTD. (ITT	***3209 HUMBOLDT ST.***	***SSW 0 - 1/8 (0.122 mi.)***	***I77***	***106***
LORETO STREET ELEMEN	***3408 ARROYO SECO AVE***	***NW 1/8 - 1/4 (0.136 mi.)***	***K84***	***130***
JAYBEE/ AJAX MFG COR	***301 WEST AVE. 26***	***SW 1/4 - 1/2 (0.291 mi.)***	***S127***	***271***
PROPOSED AMCAL MULTI	306-360 W. AVE. 26	SW 1/4 - 1/2 (0.348 mi.)	W134	287
BARON MANUFACTURING	241 AVENUE 26	SSW 1/4 - 1/2 (0.351 mi.)	136	290
VICTOR S INDUSTRIAL	***138 N SAN FERNANDO R***	***SSW 1/2 - 1 (0.713 mi.)***	***147***	***312***
INDUSTRIAL COMPOUNDS	***1010 SAN FERNANDO***	***WNW 1/2 - 1 (0.872 mi.)***	***150***	***325***

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Integrated Waste Management Board's Solid Waste Information System (SWIS) database.

A review of the SWF/LF list, as provided by EDR, has revealed that there are 2 SWF/LF sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
LACY STREET / LA CIT	400 WEST AVENUE 26	WSW 1/4 - 1/2 (0.323 mi.)	T130	278
Database: LOS ANGELES CO. LF, Date of Government Version: 04/15/2019				
Site ID: 1975				
Status: Closed				
LACY STREET/ LA CITY	***400 AVE. 26, (ENTRAN***	***SW 1/4 - 1/2 (0.337 mi.)***	***W133***	***286***
Database: SWF/LF (SWIS), Date of Government Version: 02/11/2019				
Facility ID: 19-AR-5052				

EXECUTIVE SUMMARY

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the LUST list, as provided by EDR, has revealed that there are 13 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BILL'S AUTOMOTIVE (F	100 AVENUE 28 E	S 1/4 - 1/2 (0.335 mi.)	V132	284
Database: LUST, Date of Government Version: 12/10/2018 Status: Completed - Case Closed Global Id: T0603700789				
BILL'S AUTOMOTIVE #1	***100 E AVENUE 28***	***S 1/4 - 1/2 (0.350 mi.)***	***V135***	***288***
Database: LUST REG 4, Date of Government Version: 09/07/2004 Facility Id: 900310089 Status: Case Closed Global ID: T0603700789				

Lower Elevation	Address	Direction / Distance	Map ID	Page
FORMER WELCH'S UNIFO	***3505 PASADENA AVENUE***	***NNE 0 - 1/8 (0.027 mi.)***	***B42***	***53***
Database: LUST REG 4, Date of Government Version: 09/07/2004 Facility Id: 900310034 Status: Post remedial action monitoring Global ID: T0603700785				
HEATH & CO	***3225 LACY ST***	***W 0 - 1/8 (0.109 mi.)***	***H72***	***100***
Database: LUST REG 4, Date of Government Version: 09/07/2004 Database: LUST, Date of Government Version: 12/10/2018 Status: Completed - Case Closed Facility Id: 900310207 Status: Case Closed Global Id: T0603700801 Global ID: T0603700801				
FOOD FOR LIFE	***3580 PASADENA AVE***	***NE 1/8 - 1/4 (0.168 mi.)***	***J95***	***138***
Database: LUST REG 4, Date of Government Version: 09/07/2004 Database: LUST, Date of Government Version: 12/10/2018 Status: Completed - Case Closed Facility Id: 900310289 Status: Leak being confirmed Global Id: T0603700809 Global ID: T0603700809				
LINCOLN HEIGHTS SERV	3101 ARTESIAN ST	SW 1/8 - 1/4 (0.186 mi.)	N100	143
Database: LUST REG 4, Date of Government Version: 09/07/2004 Facility Id: 900310161 Status: Case Closed Global ID: T0603700797				
LINCOLN HEIGHTS SERV	***3101 ARTESIAN ST***	***SW 1/8 - 1/4 (0.186 mi.)***	***N103***	***146***
Database: LUST, Date of Government Version: 12/10/2018 Status: Completed - Case Closed Global Id: T0603700797				
MOBIL #18-BV7	***2620 FIGUEROA ST.***	***W 1/4 - 1/2 (0.332 mi.)***	***U131***	***279***
Database: LUST REG 4, Date of Government Version: 09/07/2004 Database: LUST, Date of Government Version: 12/10/2018				

Status: Completed - Case Closed
Facility Id: 900070061
Status: Pollution Characterization
Global Id: T0603763171
Global ID: T0603763171

CHEVRON #9-3707 ***2601 FIGUEROA*** ***W 1/4 - 1/2 (0.380 mi.)*** ***U139*** ***293***
Database: LUST REG 4, Date of Government Version: 09/07/2004
Facility Id: 900650234
Status: Preliminary site assessment underway
Global ID: T0603701195

SHELL ***2600-2606 FIGUEROA S*** ***W 1/4 - 1/2 (0.381 mi.)*** ***U141*** ***296***
Database: LUST REG 4, Date of Government Version: 09/07/2004
Database: LUST, Date of Government Version: 12/10/2018
Status: Completed - Case Closed
Facility Id: 900650198
Status: Pollution Characterization
Global Id: T0603701192
Global ID: T0603701192

76 STATION #0857 ***2250 FIGUEROA ST. N.*** ***W 1/4 - 1/2 (0.389 mi.)*** ***X142*** ***301***
Database: LUST REG 4, Date of Government Version: 09/07/2004
Facility Id: 900650225A
Status: Pollution Characterization
Global ID: T0603797126

TOSCO S.S. #0857 ***2250 FIGUEROA ST N*** ***W 1/4 - 1/2 (0.389 mi.)*** ***X143*** ***303***
Database: LUST REG 4, Date of Government Version: 09/07/2004
Database: LUST, Date of Government Version: 12/10/2018
Status: Completed - Case Closed
Facility Id: 900650225
Status: Case Closed
Global Id: T0603797126
Global Id: T0603701194
Global ID: T0603701194

ARCO FACILITY NO. 96 ***2251 FIGUEROA ST. N*** ***W 1/4 - 1/2 (0.427 mi.)*** ***X144*** ***308***
Database: LUST REG 4, Date of Government Version: 09/07/2004
Database: LUST, Date of Government Version: 12/10/2018
Status: Completed - Case Closed
Global Id: T0603732727
Global ID: T0603732727

CPS-SLIC: Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the CPS-SLIC list, as provided by EDR, has revealed that there are 4 CPS-SLIC sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
FORMER WELCH'S UNIFO	***3505 PASADENA AVENUE***	***NNE 0 - 1/8 (0.027 mi.)***	***B42***	***53***

Database: CPS-SLIC, Date of Government Version: 12/10/2018
Global Id: T0603700785

Global Id: SL2044P1598
Facility Status: Open - Inactive

WELCH UNIFORM	3505 PASADENA	NNE 0 - 1/8 (0.027 mi.)	B47	74
Database: SLIC REG 4, Date of Government Version: 11/17/2004 Facility Status: Site Assessment				
KENNINGTON PROPERTIE	***3209 HUMBOLT ST***	***SSW 0 - 1/8 (0.122 mi.)***	***I78***	***123***
Database: CPS-SLIC, Date of Government Version: 12/10/2018 Database: SLIC REG 4, Date of Government Version: 11/17/2004 Global Id: SLT43246244 Facility Status: Open - Inactive				
THE E.B. MALONE CORP	***306-360 AVENUE 26***	***SW 1/4 - 1/2 (0.357 mi.)***	***W137***	***292***
Database: CPS-SLIC, Date of Government Version: 12/10/2018 Global Id: SL0603703528 Facility Status: Completed - Case Closed				

State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the UST list, as provided by EDR, has revealed that there are 20 UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
Not reported	3445 PASADENA AVE	ENE 0 - 1/8 (0.003 mi.)	39	52
Database: LOS ANGELES UST, Date of Government Version: 01/01/2019				
Not reported	3360 PASADENA AVE	SE 0 - 1/8 (0.010 mi.)	40	52
Database: LOS ANGELES UST, Date of Government Version: 01/01/2019				
Not reported	3300 GRIFFIN AVE	ESE 0 - 1/8 (0.124 mi.)	79	124
Database: LOS ANGELES UST, Date of Government Version: 01/01/2019				

Lower Elevation	Address	Direction / Distance	Map ID	Page
WELCH'S UNIFORM RENT	3505 N PASADENA AVE	NNE 0 - 1/8 (0.027 mi.)	B41	52
Database: LOS ANGELES UST, Date of Government Version: 01/01/2019				
Not reported	3505 PASADENA AVE	NNE 0 - 1/8 (0.027 mi.)	B46	74
Database: LOS ANGELES UST, Date of Government Version: 01/01/2019				
CALIF DEPT OF FOOD &	403 W AVENUE 33	W 0 - 1/8 (0.040 mi.)	C52	84
Database: LOS ANGELES UST, Date of Government Version: 01/01/2019				
G & G AIR CONDITIONI	311 W AVENUE 33	WSW 0 - 1/8 (0.050 mi.)	E59	92
Database: LOS ANGELES UST, Date of Government Version: 01/01/2019				
LAUSD - MAINTENANCE	3225 E LACY ST	W 0 - 1/8 (0.109 mi.)	H68	96
Database: LOS ANGELES UST, Date of Government Version: 01/01/2019				
ITT CANNON	3209 E HUMBOLDT ST	SW 0 - 1/8 (0.119 mi.)	I75	104
Database: LOS ANGELES UST, Date of Government Version: 01/01/2019				
Not reported	3511 CARLOTA BLVD	NE 1/8 - 1/4 (0.128 mi.)	J82	128
Database: LOS ANGELES UST, Date of Government Version: 01/01/2019				
LAUSD - LORETO STREE	3408 N ARROYO SECO A	NW 1/8 - 1/4 (0.136 mi.)	K85	132
Database: LOS ANGELES UST, Date of Government Version: 01/01/2019				

Lower Elevation	Address	Direction / Distance	Map ID	Page
MR. DUNG THAI Database: UST, Date of Government Version: 12/10/2018 Facility Id: 23634	3543 PASADENA AVE	NNE 1/8 - 1/4 (0.151 mi.)	J88	132
Not reported Database: LOS ANGELES UST, Date of Government Version: 01/01/2019	3550 PASADENA AVE	NE 1/8 - 1/4 (0.152 mi.)	J89	133
Not reported Database: LOS ANGELES UST, Date of Government Version: 01/01/2019	3545-55 PASADENA AVE	NNE 1/8 - 1/4 (0.152 mi.)	J91	134
Not reported Database: LOS ANGELES UST, Date of Government Version: 01/01/2019	3580 PASADENA AVE	NE 1/8 - 1/4 (0.168 mi.)	J96	142
Not reported Database: LOS ANGELES UST, Date of Government Version: 01/01/2019	3548 PASADENA AVE	NE 1/8 - 1/4 (0.176 mi.)	J97	142
LA DWP - LINCOLN HEI Database: LOS ANGELES UST, Date of Government Version: 01/01/2019	3101 E ARTESIAN ST	SW 1/8 - 1/4 (0.186 mi.)	N99	143
LINCOLN HEIGHTS SERV Database: UST, Date of Government Version: 12/10/2018 Facility Id: FA0000795	***3101 ARTESIAN ST***	***SW 1/8 - 1/4 (0.186 mi.)***	***N104***	***182***
AMERICAN WEST FINISH Database: LOS ANGELES UST, Date of Government Version: 01/01/2019	3200 N FIGUEROA ST	W 1/8 - 1/4 (0.224 mi.)	Q116	238
Not reported Database: LOS ANGELES UST, Date of Government Version: 01/01/2019	2636 LACY ST	WSW 1/8 - 1/4 (0.243 mi.)	125	271

AST: A listing of aboveground storage tank petroleum storage tank locations.

A review of the AST list, as provided by EDR, has revealed that there is 1 AST site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
DISTRIBUTING STATION Database: AST, Date of Government Version: 07/06/2016	3436 MARMION WAY	NNW 0 - 1/8 (0.064 mi.)	G64	93

State and tribal voluntary cleanup sites

VCP: Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

A review of the VCP list, as provided by EDR, and dated 01/28/2019 has revealed that there are 3 VCP sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
FORMER WELCH'S UNIFO Status: Active Facility Id: 60000636	***3505 PASADENA AVENUE***	***NNE 0 - 1/8 (0.027 mi.)***	***B42***	***53***
KENNINGTON LTD. (ITT Status: Active	***3209 HUMBOLDT ST.***	***SSW 0 - 1/8 (0.122 mi.)***	***I77***	***106***

Facility Id: 19340739

JAYBEE/ AJAX MFG COR ***301 WEST AVE. 26*** ***SW 1/4 - 1/2 (0.291 mi.)*** ***S127*** ***271***
Status: Active
Facility Id: 19490238

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: The Waste Management Unit Database System is used for program tracking and inventory of waste management units. The source is the State Water Resources Control Board.

A review of the WMUDS/SWAT list, as provided by EDR, and dated 04/01/2000 has revealed that there are 2 WMUDS/SWAT sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
LACY'S STREET DUMP	***400 26TH AVENUE***	***WSW 1/4 - 1/2 (0.312 mi.)***	***T129***	***277***
AVENUE 26 & FIGUEROA	AVENUE 26 & FIGEROA	W 1/4 - 1/2 (0.375 mi.)	U138	292

Local Lists of Hazardous waste / Contaminated Sites

SCH: This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category. depending on the level of threat to public health and safety or the. environment they pose.

A review of the SCH list, as provided by EDR, and dated 01/28/2019 has revealed that there is 1 SCH site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
LORETO STREET ELEMEN	***3408 ARROYO SECO AVE***	***NW 1/8 - 1/4 (0.136 mi.)***	***K84***	***130***
Facility Id: 19820057				
Status: Inactive - Withdrawn				

CERS HAZ WASTE: List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

A review of the CERS HAZ WASTE list, as provided by EDR, and dated 04/09/2019 has revealed that there are 6 CERS HAZ WASTE sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LAUSD/NIGHTINGALE JH	***3311 N FIGUEROA ST***	***NW 1/8 - 1/4 (0.230 mi.)***	***R121***	***245***

Lower Elevation	Address	Direction / Distance	Map ID	Page
CALIFORNIA DEPARTMEN	***403 W AVENUE 33***	***W 0 - 1/8 (0.040 mi.)***	***C51***	***79***
LINCOLN HEIGHTS SERV	***3101 ARTESIAN ST***	***SW 1/8 - 1/4 (0.186 mi.)***	***N103***	***146***
UNION 3 AUTO SERVICE	***3304 N FIGUEROA ST***	***WNW 1/8 - 1/4 (0.211 mi.)***	***M112***	***191***

Lower Elevation	Address	Direction / Distance	Map ID	Page
THE BROMACK COMPANY	*3005 HUMBOLDT ST*	*SSW 1/8 - 1/4 (0.212 mi.)*	*P114*	*219*
ALVARADO CUSTOM FURN	*2907 E HUMBOLDT ST*	*SSW 1/8 - 1/4 (0.230 mi.)*	*P123*	*255*

Local Lists of Registered Storage Tanks

SWEEPS UST: Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 9 SWEEPS UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MIKE'S TRANSMISSION Comp Number: 2860	*3500 N FIGUEROA ST*	*NNW 1/8 - 1/4 (0.205 mi.)*	*O106*	*184*

Lower Elevation	Address	Direction / Distance	Map ID	Page
FORMER WELCH'S UNIFO Comp Number: 939	*3505 PASADENA AVENUE*	*NNE 0 - 1/8 (0.027 mi.)*	*B42*	*53*
G/G AIR CONDITIONING Status: A Comp Number: 4739	*311 W AVENUE 33*	*WSW 0 - 1/8 (0.050 mi.)*	*E58*	*91*
W HEATH AND COMPANY Status: A Tank Status: A Comp Number: 2779	*3225 LACY ST*	*W 0 - 1/8 (0.109 mi.)*	*H69*	*96*
KENNINGTON LTD. (ITT Comp Number: 7797	*3209 HUMBOLDT ST.*	*SSW 0 - 1/8 (0.122 mi.)*	*I77*	*106*
FLAVOR FOODS INC. Comp Number: 859	*3580 PASADENA AVE*	*NE 1/8 - 1/4 (0.168 mi.)*	*J94*	*136*
LINCOLN HEIGHTS DIST Status: A Tank Status: A Comp Number: 3824	*3101 ARTESIAN ST*	*SW 1/8 - 1/4 (0.186 mi.)*	*N98*	*142*
UNION THREE AUTO SER Comp Number: 7414	*3304 N FIGUEROA ST*	*WNW 1/8 - 1/4 (0.211 mi.)*	*M110*	*189*
FACTORY APRON/TOWEL Comp Number: 1301	*3200 N FIGUEROA ST*	*W 1/8 - 1/4 (0.224 mi.)*	*Q115*	*235*

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 9 HIST UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MIKES TRANSMISSION Facility Id: 00000050946	3500 N FIGUEROA ST	NNW 1/8 - 1/4 (0.205 mi.)	O109	188

Lower Elevation	Address	Direction / Distance	Map ID	Page
FORMER WELCH'S UNIFO Facility Id: 00000008008	***3505 PASADENA AVENUE***	***NNE 0 - 1/8 (0.027 mi.)***	***B42***	***53***
W. HEATH AND COMPANY Facility Id: 00000050721	3225 LACY ST	W 0 - 1/8 (0.109 mi.)	H67	95
W HEATH AND COMPANY	***3225 LACY ST***	***W 0 - 1/8 (0.109 mi.)***	***H69***	***96***
FOOD FOR LIFE Facility Id: 00000007744	***3580 PASADENA AVE***	***NE 1/8 - 1/4 (0.168 mi.)***	***J95***	***138***
LINCOLN HEIGHTS SERV	***3101 ARTESIAN ST***	***SW 1/8 - 1/4 (0.186 mi.)***	***N103***	***146***
LINCOLN HEIGHTS SERV Facility Id: 00000064841	***3101 ARTESIAN ST***	***SW 1/8 - 1/4 (0.186 mi.)***	***N104***	***182***
FACTORY APRON/TOWEL	***3200 N FIGUEROA ST***	***W 1/8 - 1/4 (0.224 mi.)***	***Q115***	***235***
RENTA UNIFORM & TOWE Facility Id: 00000041231 Facility Id: 00000017635	***3200 NORTH FIGUEROA***	***W 1/8 - 1/4 (0.224 mi.)***	***Q118***	***239***

CA FID UST: The Facility Inventory Database contains active and inactive underground storage tank locations. The source is the State Water Resource Control Board.

A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there are 9 CA FID UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MIKE'S TRANSMISSION Facility Id: 19011776 Status: I	***3500 N FIGUEROA ST***	***NNW 1/8 - 1/4 (0.205 mi.)***	***O106***	***184***

Lower Elevation	Address	Direction / Distance	Map ID	Page
FORMER WELCH'S UNIFO Facility Id: 19001529 Status: I	***3505 PASADENA AVENUE***	***NNE 0 - 1/8 (0.027 mi.)***	***B42***	***53***
G/G AIR CONDITIONING Facility Id: 19055875 Status: A	***311 W AVENUE 33***	***WSW 0 - 1/8 (0.050 mi.)***	***E58***	***91***
W HEATH AND COMPANY Facility Id: 19014132 Status: A	***3225 LACY ST***	***W 0 - 1/8 (0.109 mi.)***	***H69***	***96***
KENNINGTON LTD. (ITT Facility Id: 19054659	***3209 HUMBOLDT ST.***	***SSW 0 - 1/8 (0.122 mi.)***	***I77***	***106***

Status: I

FLAVOR FOODS INC. Facility Id: 19001191 Status: I	***3580 PASADENA AVE***	***NE 1/8 - 1/4 (0.168 mi.)***	***J94***	***136***
LINCOLN HEIGHTS DIST Facility Id: 19003053 Status: A	***3101 ARTESIAN ST***	***SW 1/8 - 1/4 (0.186 mi.)***	***N98***	***142***
UNION THREE AUTO SER Facility Id: 19009028 Status: A	***3304 N FIGUEROA ST***	***WNW 1/8 - 1/4 (0.211 mi.)***	***M110***	***189***
FACTORY APRON/TOWEL Facility Id: 19021813 Status: I	***3200 N FIGUEROA ST***	***W 1/8 - 1/4 (0.224 mi.)***	***Q115***	***235***

CERS TANKS: List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

A review of the CERS TANKS list, as provided by EDR, and dated 04/09/2019 has revealed that there is 1 CERS TANKS site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
LINCOLN HEIGHTS SERV	***3101 ARTESIAN ST***	***SW 1/8 - 1/4 (0.186 mi.)***	***N103***	***146***

Local Land Records

DEED: The use of recorded land use restrictions is one of the methods the DTSC uses to protect the public from unsafe exposures to hazardous substances and wastes .

A review of the DEED list, as provided by EDR, and dated 03/04/2019 has revealed that there is 1 DEED site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
KENNINGTON LTD. (ITT Status: ACTIVE Envirostor ID: 19340739	***3209 HUMBOLDT ST.***	***SSW 0 - 1/8 (0.122 mi.)***	***I77***	***106***

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 03/25/2019 has revealed that

there are 8 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
A B AUTO REPAIR & MU EPA ID:: CAL000359316	3500 N FIGUEROA ST #	NNW 1/8 - 1/4 (0.205 mi.)	O107	186
AB AUTO REPAIR & MUF EPA ID:: CAL000416333	3500 N FIGUEROA ST #	NNW 1/8 - 1/4 (0.205 mi.)	O108	187

Lower Elevation	Address	Direction / Distance	Map ID	Page
CALIFORNIA DEPARTMEN EPA ID:: CAL000428560	403 W AVE 33	W 0 - 1/8 (0.040 mi.)	C48	75
ADIN OF CALIFORNIA EPA ID:: CAL000302446	119 W AVENUE 33	S 0 - 1/8 (0.047 mi.)	D55	86
JSL FOODS INC EPA ID:: CAL000329919	3550 PASADENA AVE	NE 1/8 - 1/4 (0.152 mi.)	J90	133
UNION 3 AUTO SERVICE EPA ID:: CAL000062528	3304 N FIGUEROA ST	WNW 1/8 - 1/4 (0.211 mi.)	M111	190
BROMACK MANUFACTURIN EPA ID:: CAL000167538	3005 HUMBOLDT ST	SSW 1/8 - 1/4 (0.212 mi.)	P113	218
ALVARADO CUSTOM FURN EPA ID:: CAL000104877	2907 HUMBOLDT ST	SSW 1/8 - 1/4 (0.230 mi.)	P122	253

FUDS: The Listing includes locations of Formerly Used Defense Sites Properties where the US Army Corps Of Engineers is actively working or will take necessary cleanup actions.

A review of the FUDS list, as provided by EDR, and dated 03/07/2019 has revealed that there is 1 FUDS site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NATIONAL AIRCRAFT EQ		WSW 1/2 - 1 (0.748 mi.)	Y149	324

DRYCLEANERS: A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaners' agents; linen supply; coin-operated laundries and cleaning; drycleaning plants except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

A review of the DRYCLEANERS list, as provided by EDR, has revealed that there are 2 DRYCLEANERS sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
WELCH OVERALL CLEANI Database: DRYCLEAN SOUTH COAST, Date of Government Version: 03/19/2019	3505 PASADENA AVE	NNE 0 - 1/8 (0.027 mi.)	B43	73
FACTORY ARRON & TOWE Database: DRYCLEAN SOUTH COAST, Date of Government Version: 03/19/2019	3200 N FIGUEROA ST	W 1/8 - 1/4 (0.224 mi.)	Q117	238

HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 8 HIST CORTESE sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
FORMER WELCH'S UNIFO Reg Id: 900310034	***3505 PASADENA AVENUE***	***NNE 0 - 1/8 (0.027 mi.)***	***B42***	***53***
HEATH & CO Reg Id: 900310207	***3225 LACY ST***	***W 0 - 1/8 (0.109 mi.)***	***H72***	***100***
KENNINGTON LTD. (ITT Reg Id: 19340739	***3209 HUMBOLDT ST.***	***SSW 0 - 1/8 (0.122 mi.)***	***I77***	***106***
FOOD FOR LIFE Reg Id: 900310289	***3580 PASADENA AVE***	***NE 1/8 - 1/4 (0.168 mi.)***	***J95***	***138***
LINCOLN HEIGHTS SERV Reg Id: 900310161	***3101 ARTESIAN ST***	***SW 1/8 - 1/4 (0.186 mi.)***	***N103***	***146***
CHEVRON #9-3707 Reg Id: 900650234	***2601 FIGUEROA***	***W 1/4 - 1/2 (0.380 mi.)***	***U139***	***293***
SHELL Reg Id: 900650198	***2600 FIGUEROA***	***W 1/4 - 1/2 (0.381 mi.)***	***U140***	***295***
TOSCO S.S. #0857 Reg Id: 900650225	***2250 FIGUEROA ST N***	***W 1/4 - 1/2 (0.389 mi.)***	***X143***	***303***

Notify 65: Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

A review of the Notify 65 list, as provided by EDR, and dated 03/18/2019 has revealed that there is 1 Notify 65 site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
28TH AND DELL AVENUE	VENICE	WNW 1/2 - 1 (0.508 mi.)	146	312

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Cleaner: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Cleaner list, as provided by EDR, has revealed that there are 2 EDR Hist

EXECUTIVE SUMMARY

Cleaner sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SMITH W P	3500 PASADENA AVENUE	NE 0 - 1/8 (0.061 mi.)	F61	92

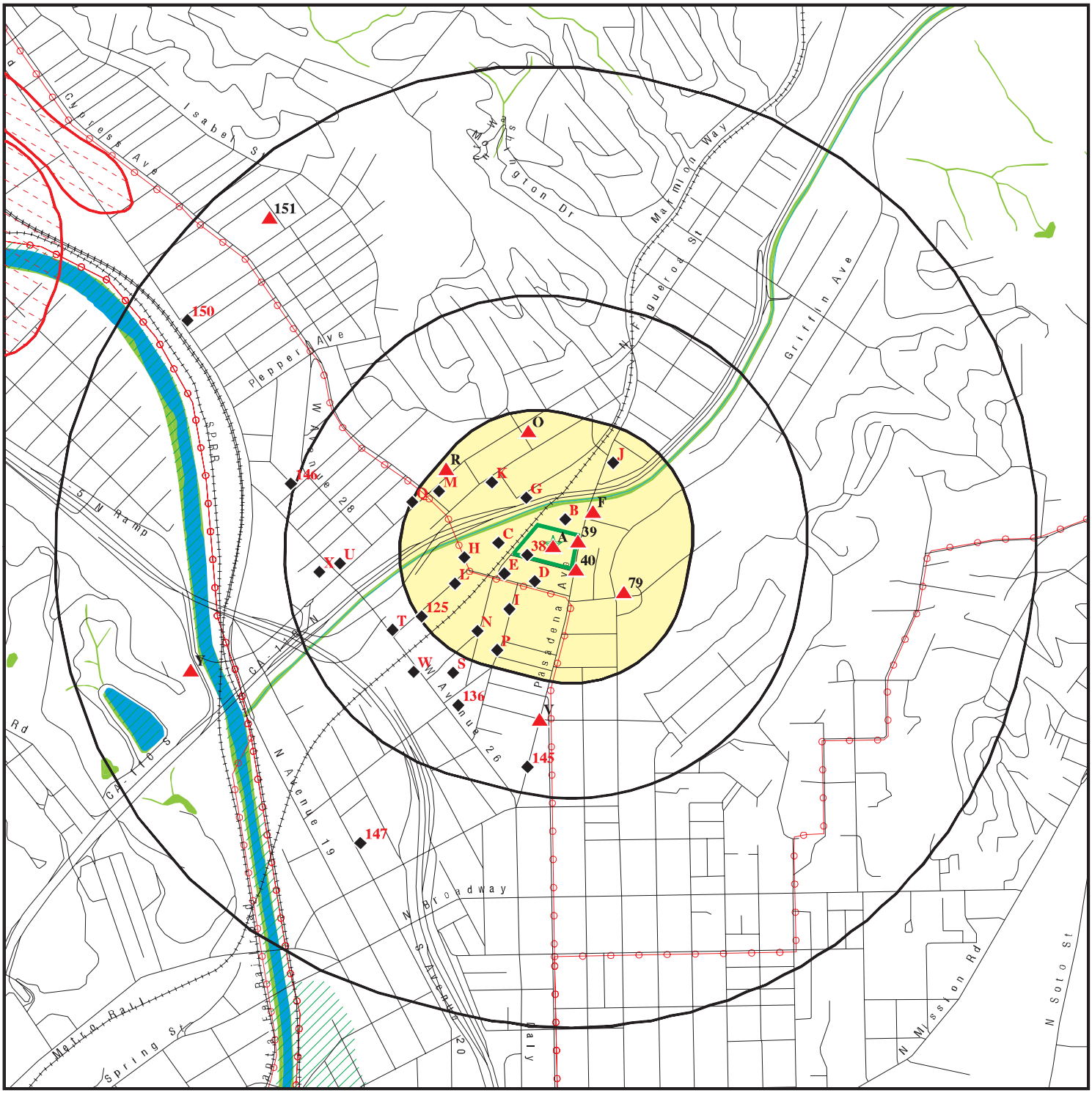
Lower Elevation	Address	Direction / Distance	Map ID	Page
WELCHS OVERALL LAUND	3505 PASADENA AVENUE	NNE 0 - 1/8 (0.027 mi.)	B45	74

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 3 records.

Site Name	Database(s)
LINK STATION US PROJECT	ENVIROSTOR, VCP
THE E.B. MALONE CORP.	CPS-SLIC
METRO RAIL PASADENA BLUE LINE	ENVIROSTOR

OVERVIEW MAP - 5694144.2S



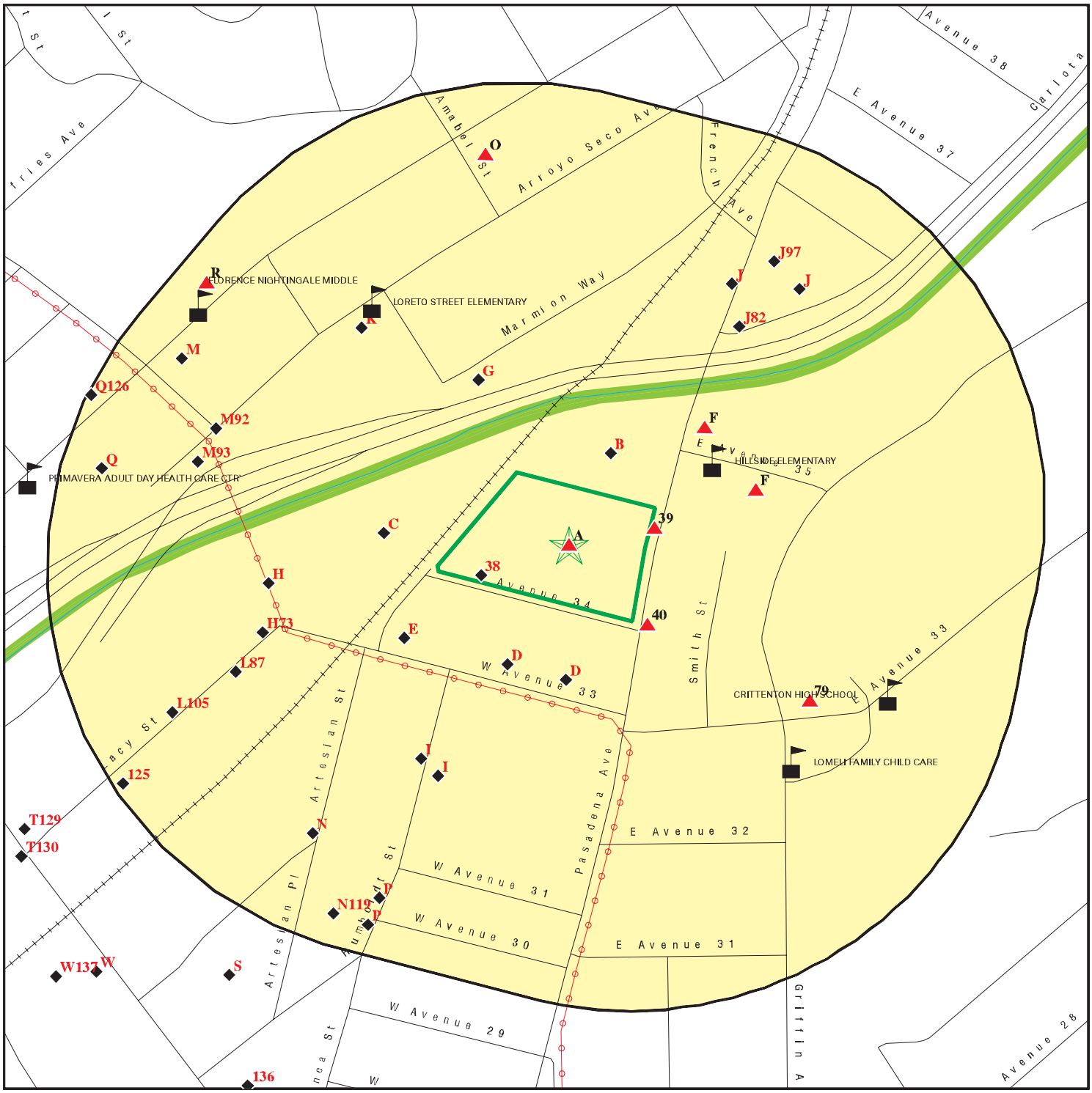
- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands
- Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	135 141 153 West Avenue 34 3401 3433 Pasadena Ave	CLIENT:	Fulcrum Resources Environmental
ADDRESS:	135 141 153 West Avenue 34 3401 3433 Pasadena Ave Los Angeles CA 90031	CONTACT:	Rose Mireles
LAT/LONG:	34.084751 / 118.21431	INQUIRY #:	5694144.2s
		DATE:	June 24, 2019 2:00 pm

Copyright © 2019 EDR, Inc. © 2015 TomTom Rel. 2015.

DETAIL MAP - 5694144.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Power transmission lines

100-year flood zone

500-year flood zone

National Wetland Inventory

State Wetlands

Areas of Concern

0 1/16 1/8 1/4 Miles

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	135 141 153 West Avenue 34 3401 3433 Pasadena Ave	CLIENT:	Fulcrum Resources Environmental
ADDRESS:	135 141 153 West Avenue 34 3401 3433 Pasadena Ave Los Angeles CA 90031	CONTACT:	Rose Mireles
LAT/LONG:	34.084751 / 118.21431	INQUIRY #:	5694144.2s
		DATE:	June 24, 2019 2:04 pm

Copyright © 2019 EDR, Inc. © 2015 TomTom Rel. 2015.

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		1	0	1	NR	NR	2
Federal CERCLIS NFRAP site list								
SEMS-ARCHIVE	0.500		0	1	1	NR	NR	2
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		3	1	NR	NR	NR	4
RCRA-SQG	0.250	1	5	6	NR	NR	NR	12
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equivalent NPL								
RESPONSE	1.000		0	0	0	0	NR	0
State- and tribal - equivalent CERCLIS								
ENVIROSTOR	1.000		2	1	3	4	NR	10
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	0.500		0	0	2	NR	NR	2
State and tribal leaking storage tank lists								
LUST	0.500		2	3	8	NR	NR	13

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
CPS-SLIC	0.500		3	0	1	NR	NR	4
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		9	11	NR	NR	NR	20
AST	0.250		1	0	NR	NR	NR	1
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
VCP	0.500		2	0	1	NR	NR	3
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
WMUDS/SWAT	0.500		0	0	2	NR	NR	2
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	TP		NR	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
AOCONCERN	1.000		0	0	0	0	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	1	NR	NR	NR	1
CDL	TP		NR	NR	NR	NR	NR	0
CERS HAZ WASTE	0.250		1	5	NR	NR	NR	6
Toxic Pits	1.000		0	0	0	0	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
PFAS	0.500		0	0	0	NR	NR	0
Local Lists of Registered Storage Tanks								
SWEEPS UST	0.250		4	5	NR	NR	NR	9
HIST UST	0.250		3	6	NR	NR	NR	9
CA FID UST	0.250		4	5	NR	NR	NR	9
CERS TANKS	0.250		0	1	NR	NR	NR	1
Local Land Records								
LIENS	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LIENS 2	TP		NR	NR	NR	NR	NR	0
DEED	0.500		1	0	0	NR	NR	1
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
CHMIRS	TP		NR	NR	NR	NR	NR	0
LDS	TP		NR	NR	NR	NR	NR	0
MCS	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250	2	2	6	NR	NR	NR	10
FUDS	1.000		0	0	0	1	NR	1
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP	3	NR	NR	NR	NR	NR	3
UXO	1.000		0	0	0	0	NR	0
ECHO	TP	3	NR	NR	NR	NR	NR	3
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
Cortese	0.500		0	0	0	NR	NR	0
CUPA Listings	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
DRYCLEANERS	0.250		1	1	NR	NR	NR	2
EMI	TP	2	NR	NR	NR	NR	NR	2
ENF	TP		NR	NR	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
HAZNET	TP	31	NR	NR	NR	NR	NR	31
ICE	TP		NR	NR	NR	NR	NR	0
HIST CORTESE	0.500		3	2	3	NR	NR	8
LOS ANGELES CO. HMS	TP		NR	NR	NR	NR	NR	0
HWP	1.000		0	0	0	0	NR	0
HWT	0.250		0	0	NR	NR	NR	0
MINES	0.250		0	0	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
PEST LIC	TP		NR	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	0	0	1	NR	1
LA Co. Site Mitigation	TP		NR	NR	NR	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
UIC GEO	TP		NR	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	TP		NR	NR	NR	NR	NR	0
MILITARY PRIV SITES	TP		NR	NR	NR	NR	NR	0
PROJECT	TP		NR	NR	NR	NR	NR	0
WDR	TP		NR	NR	NR	NR	NR	0
CIWQS	TP		NR	NR	NR	NR	NR	0
CERS	TP	1	NR	NR	NR	NR	NR	1
NON-CASE INFO	TP		NR	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
OTHER OIL GAS	TP		NR	NR	NR	NR	NR	0
PROD WATER PONDS	TP		NR	NR	NR	NR	NR	0
SAMPLING POINT	TP		NR	NR	NR	NR	NR	0
WELL STIM PROJ	TP		NR	NR	NR	NR	NR	0
LOS ANGELES CO LF METHANE	0.500		0	0	0	NR	NR	0

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		2	NR	NR	NR	NR	2

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF	TP		NR	NR	NR	NR	NR	0
RGA LUST	TP		NR	NR	NR	NR	NR	0

- Totals --	43	49	55	22	6	0	175

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 **WILLIAM PILE ENTERPRISE INC** **HAZMAT** **S123546099**
Target Property **153 W AVENUE 34** **N/A**
LOS ANGELES, CA 90031

Site 1 of 37 in cluster A

Actual: 372 ft.

LOS ANGELES HM:

Facility ID:	FA0014665
Last Run Date:	01/01/2019
Status:	ACTIVE

A2 **TOUCHSTONE PICTURES - ROMY & MICHELLE** **HAZNET** **S112925318**
Target Property **141 W AVE 34** **N/A**
LOS ANGELES, CA 90031

Site 2 of 37 in cluster A

Actual: 372 ft.

HAZNET:

Name:	TOUCHSTONE PICTURES - ROMY & MICHELLE
Address:	141 W AVE 34
City,State,Zip:	LOS ANGELES, CA 90031
Year:	2002
GEPAID:	CAC002557374
Contact:	JOLLEN HASTINGS
Telephone:	8185264220
Mailing Name:	Not reported
Mailing Address:	800 S MAIN ST
Mailing City,St,Zip:	BURBANK, CA 91506
Gen County:	Los Angeles
TSD EPA ID:	UTD981552177
TSD County:	99
Tons:	0.165
CA Waste Code:	331-Off-specification, aged or surplus organics
Method:	T03-Treatment, Incineration
Facility County:	Los Angeles

Name:	TOUCHSTONE PICTURES - ROMY & MICHELLE
Address:	141 W AVE 34
City,State,Zip:	LOS ANGELES, CA 90031
Year:	2002
GEPAID:	CAC002557374
Contact:	JOLLEN HASTINGS
Telephone:	8185264220
Mailing Name:	Not reported
Mailing Address:	800 S MAIN ST
Mailing City,St,Zip:	BURBANK, CA 91506
Gen County:	Los Angeles
TSD EPA ID:	UTD981552177
TSD County:	99
Tons:	0.4587
CA Waste Code:	291-Latex waste
Method:	T03-Treatment, Incineration
Facility County:	Los Angeles

A3 Target Property **20TH CENTURY FOX (THE NIGHT WATCHMAN)**
3401 PASADENA AVE
LOS ANGELES, CA 90031

HAZNET **S112963118**
N/A

Site 3 of 37 in cluster A

Actual: 372 ft.

HAZNET:

Name:	20TH CENTURY FOX (THE NIGHT WATCHMAN)
Address:	3401 PASADENA AVE
City,State,Zip:	LOS ANGELES, CA 90031
Year:	2007
GEPAID:	CAC002619319
Contact:	PHIL ORSES/PAINT FOREMAN
Telephone:	2135343662
Mailing Name:	Not reported
Mailing Address:	1201 W 5TH ST STE M150
Mailing City,St,Zip:	LOS ANGELES, CA 90017
Gen County:	Los Angeles
TSD EPA ID:	CAD008252405
TSD County:	Los Angeles
Tons:	0.225
CA Waste Code:	352-Other organic solids
Method:	H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	Los Angeles

Name:	20TH CENTURY FOX (THE NIGHT WATCHMAN)
Address:	3401 PASADENA AVE
City,State,Zip:	LOS ANGELES, CA 90031
Year:	2007
GEPAID:	CAC002619319
Contact:	PHIL ORSES/PAINT FOREMAN
Telephone:	2135343662
Mailing Name:	Not reported
Mailing Address:	1201 W 5TH ST STE M150
Mailing City,St,Zip:	LOS ANGELES, CA 90017
Gen County:	Los Angeles
TSD EPA ID:	CAD008252405
TSD County:	Los Angeles
Tons:	0.4587
CA Waste Code:	133-Aqueous solution with total organic residues 10 percent or more
Method:	H061-Fuel Blending Prior To Energy Recovery At Another Site
Facility County:	Los Angeles

Name:	20TH CENTURY FOX (THE NIGHT WATCHMAN)
Address:	3401 PASADENA AVE
City,State,Zip:	LOS ANGELES, CA 90031
Year:	2007
GEPAID:	CAC002619319
Contact:	PHIL ORSES/PAINT FOREMAN
Telephone:	2135343662
Mailing Name:	Not reported
Mailing Address:	1201 W 5TH ST STE M150
Mailing City,St,Zip:	LOS ANGELES, CA 90017
Gen County:	Los Angeles
TSD EPA ID:	CAD008252405
TSD County:	Los Angeles
Tons:	0.22935
CA Waste Code:	133-Aqueous solution with total organic residues 10 percent or more

20TH CENTURY FOX (THE NIGHT WATCHMAN) (Continued) **S112963118**

Method:	H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	Los Angeles
Name:	20TH CENTURY FOX (THE NIGHT WATCHMAN)
Address:	3401 PASADENA AVE
City,State,Zip:	LOS ANGELES, CA 90031
Year:	2007
GEPAID:	CAC002619319
Contact:	PHIL ORSES/PAINT FOREMAN
Telephone:	2135343662
Mailing Name:	Not reported
Mailing Address:	1201 W 5TH ST STE M150
Mailing City,St,Zip:	LOS ANGELES, CA 90017
Gen County:	Los Angeles
TSD EPA ID:	CAD008252405
TSD County:	Los Angeles
Tons:	0.198
CA Waste Code:	214-Unspecified solvent mixture
Method:	H061-Fuel Blending Prior To Energy Recovery At Another Site
Facility County:	Los Angeles

A4 **AMERICAN CASTER CORP** **RCRA-SQG** **1000360753**
Target **141 W AVENUE 34** **FINDS** **CAD982351074**
Property **LOS ANGELES, CA 90031** **ECHO**
EMI
Site 4 of 37 in cluster A **HAZNET**
CERS

Actual:
372 ft.

RCRA-SQG:

Date form received by agency:	11/04/1987
Facility name:	AMERICAN CASTER CORP
Facility address:	141 W AVENUE 34 LOS ANGELES, CA 90031
EPA ID:	CAD982351074
Mailing address:	PO BOX 31370 LOS ANGELES, CA 90031
Contact:	ENVIRONMENTAL MANAGER
Contact address:	141 W AVENUE THIRTY FOURTH LOS ANGELES, CA 90031
Contact country:	US
Contact telephone:	213-227-8377
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	CARL DE LA TORRE
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	415-555-1212

AMERICAN CASTER CORP (Continued) **1000360753**

Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: Yes
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002799767

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZARDOUS AIR POLLUTANT MAJOR

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

AMERICAN CASTER CORP (Continued) **1000360753**

ECHO:

Envid:	1000360753
Registry ID:	110002799767
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002799767

EMI:

Year:	1987
County Code:	19
Air Basin:	SC
Facility ID:	19790
Air District Name:	SC
SIC Code:	3429
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	20
Reactive Organic Gases Tons/Yr:	19
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1990
County Code:	19
Air Basin:	SC
Facility ID:	19790
Air District Name:	SC
SIC Code:	3429
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	11
Reactive Organic Gases Tons/Yr:	6
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1993
County Code:	19
Air Basin:	SC
Facility ID:	19790
Air District Name:	SC
SIC Code:	3429
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	2
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

AMERICAN CASTER CORP (Continued) **1000360753**

Year:	1995
County Code:	19
Air Basin:	SC
Facility ID:	19790
Air District Name:	SC
SIC Code:	3429
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	2
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1996
County Code:	19
Air Basin:	SC
Facility ID:	19790
Air District Name:	SC
SIC Code:	3429
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

HAZNET:

Name:	AMERICAN CASTER CORP
Address:	141 W AVENUE 34
City,State,Zip:	LOS ANGELES, CA 900310000
Year:	1996
GEPAID:	CAD982351074
Contact:	CARL DE LA TORRE, OWNER
Telephone:	--
Mailing Name:	Not reported
Mailing Address:	PO BOX 31370
Mailing City,St,Zip:	LOS ANGELES, CA 900310000
Gen County:	Los Angeles
TSD EPA ID:	CAD008252405
TSD County:	Los Angeles
Tons:	0.2
CA Waste Code:	352-Other organic solids
Method:	R01-Recycler
Facility County:	Los Angeles

Name:	AMERICAN CASTER CORP
Address:	141 W AVENUE 34
City,State,Zip:	LOS ANGELES, CA 900310000
Year:	1995

AMERICAN CASTER CORP (Continued) **1000360753**

GEPAID: CAD982351074
Contact: CARL DE LA TORRE, OWNER
Telephone: --
Mailing Name: Not reported
Mailing Address: PO BOX 31370
Mailing City,St,Zip: LOS ANGELES, CA 900310000
Gen County: Los Angeles
TSD EPA ID: CAD008252405
TSD County: Los Angeles
Tons: 0.3
CA Waste Code: 352-Other organic solids
Method: T03-Treatment, Incineration
Facility County: Los Angeles

Name: AMERICAN CASTER CORP
Address: 141 W AVENUE 34
City,State,Zip: LOS ANGELES, CA 900310000
Year: 1993
GEPAID: CAD982351074
Contact: CARL DE LA TORRE, OWNER
Telephone: --
Mailing Name: Not reported
Mailing Address: PO BOX 31370
Mailing City,St,Zip: LOS ANGELES, CA 900310000
Gen County: Los Angeles
TSD EPA ID: CAD089466710
TSD County: Not reported
Tons: 0.0625
CA Waste Code: 223-Unspecified oil-containing waste
Method: H01-Transfer Station
Facility County: Los Angeles

Name: AMERICAN CASTER CORP
Address: 141 W AVENUE 34
City,State,Zip: LOS ANGELES, CA 900310000
Year: 1993
GEPAID: CAD982351074
Contact: CARL DE LA TORRE, OWNER
Telephone: --
Mailing Name: Not reported
Mailing Address: PO BOX 31370
Mailing City,St,Zip: LOS ANGELES, CA 900310000
Gen County: Los Angeles
TSD EPA ID: CAD089466710
TSD County: Not reported
Tons: 0.2
CA Waste Code: 213-Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Method: H01-Transfer Station
Facility County: Los Angeles

Name: AMERICAN CASTER CORP
Address: 141 W AVENUE 34
City,State,Zip: LOS ANGELES, CA 900310000
Year: 1993
GEPAID: CAD982351074
Contact: CARL DE LA TORRE, OWNER
Telephone: --

AMERICAN CASTER CORP (Continued) **1000360753**

Mailing Name: Not reported
Mailing Address: PO BOX 31370
Mailing City,St,Zip: LOS ANGELES, CA 900310000
Gen County: Los Angeles
TSD EPA ID: CAD008252405
TSD County: Los Angeles
Tons: 0.25
CA Waste Code: 352-Other organic solids
Method: R01-Recycler
Facility County: Los Angeles

Click this hyperlink while viewing on your computer to access additional CA_HAZNET: detail in the EDR Site Report.

CERS TANKS:
Site ID: 450970
CERS ID: 110002799767
Site Name: AMERICAN CASTER CORP
CERS Description: US EPA Air Emission Inventory System (EIS)

Affiliation:
Affiliation Type Desc: Environmental Contact
Entity Name: ENVIR MGMT
Entity Title: Not reported
Affiliation Address: 141 W AVE 34TH
Affiliation City: LOSANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

A5 **JARDINERO PRODUCTIONS LLC** **HAZNET** **S113461092**
Target **135 W AVENUE 34** **N/A**
Property **LOS ANGELES, CA 90031**

Site 5 of 37 in cluster A

Actual:
372 ft.

HAZNET:
Name: JARDINERO PRODUCTIONS LLC
Address: 135 W AVENUE 34
City,State,Zip: LOS ANGELES, CA 900311803
Year: 2010
GEPAID: CAC002654881
Contact: DENNIS CORDOVA
Telephone: 8185178811
Mailing Name: Not reported
Mailing Address: 1201 W 5TH ST STE F290
Mailing City,St,Zip: LOS ANGELES, CA 90017
Gen County: Los Angeles
TSD EPA ID: CAD008252405
TSD County: Los Angeles
Tons: 0.0792
CA Waste Code: 214-Unspecified solvent mixture
Method: H061-Fuel Blending Prior To Energy Recovery At Another Site
Facility County: Los Angeles

Name: JARDINERO PRODUCTIONS LLC

JARDINERO PRODUCTIONS LLC (Continued) **S113461092**

Address:	135 W AVENUE 34
City,State,Zip:	LOS ANGELES, CA 900311803
Year:	2010
GEPAID:	CAC002654881
Contact:	DENNIS CORDOVA
Telephone:	8185178811
Mailing Name:	Not reported
Mailing Address:	1201 W 5TH ST STE F290
Mailing City,St,Zip:	LOS ANGELES, CA 90017
Gen County:	Los Angeles
TSD EPA ID:	CAD008252405
TSD County:	Los Angeles
Tons:	0.1668
CA Waste Code:	291-Latex waste
Method:	H061-Fuel Blending Prior To Energy Recovery At Another Site
Facility County:	Los Angeles

A6 **RUSH HOUR PRODUCTIONS INC** **HAZNET** **S112887078**
Target **141 W AVENUE 34** **N/A**
Property **LOS ANGELES, CA 90031**

Site 6 of 37 in cluster A

Actual: **372 ft.**

HAZNET:

Name:	RUSH HOUR PRODUCTIONS INC
Address:	141 W AVENUE 34
City,State,Zip:	LOS ANGELES, CA 900310000
Year:	1998
GEPAID:	CAC001387408
Contact:	DENNIS MIYAMOTO
Telephone:	2132243588
Mailing Name:	Not reported
Mailing Address:	6565 SUNSET BLVD STE 425
Mailing City,St,Zip:	HOLLYWOOD, CA 900280000
Gen County:	Los Angeles
TSD EPA ID:	CAD008252405
TSD County:	Los Angeles
Tons:	0.1
CA Waste Code:	352-Other organic solids
Method:	-
Facility County:	Los Angeles

Name:	RUSH HOUR PRODUCTIONS INC
Address:	141 W AVENUE 34
City,State,Zip:	LOS ANGELES, CA 900310000
Year:	1998
GEPAID:	CAC001387408
Contact:	DENNIS MIYAMOTO
Telephone:	2132243588
Mailing Name:	Not reported
Mailing Address:	6565 SUNSET BLVD STE 425
Mailing City,St,Zip:	HOLLYWOOD, CA 900280000
Gen County:	Los Angeles
TSD EPA ID:	CAD008252405
TSD County:	Los Angeles
Tons:	0.6255
CA Waste Code:	133-Aqueous solution with total organic residues 10 percent or more
Method:	R01-Recycler

RUSH HOUR PRODUCTIONS INC (Continued) **S112887078**

Facility County: Los Angeles

Name: RUSH HOUR PRODUCTIONS INC
Address: 141 W AVENUE 34
City,State,Zip: LOS ANGELES, CA 900310000
Year: 1998
GEPAID: CAC001387408
Contact: DENNIS MIYAMOTO
Telephone: 2132243588
Mailing Name: Not reported
Mailing Address: 6565 SUNSET BLVD STE 425
Mailing City,St,Zip: HOLLYWOOD, CA 900280000
Gen County: Los Angeles
TSD EPA ID: CAD008252405
TSD County: Los Angeles
Tons: 0.18
CA Waste Code: 214-Unspecified solvent mixture
Method: -
Facility County: Los Angeles

Name: RUSH HOUR PRODUCTIONS INC
Address: 141 W AVENUE 34
City,State,Zip: LOS ANGELES, CA 900310000
Year: 1998
GEPAID: CAC001387408
Contact: DENNIS MIYAMOTO
Telephone: 2132243588
Mailing Name: Not reported
Mailing Address: 6565 SUNSET BLVD STE 425
Mailing City,St,Zip: HOLLYWOOD, CA 900280000
Gen County: Los Angeles
TSD EPA ID: CAD008252405
TSD County: Los Angeles
Tons: 0.8757
CA Waste Code: 291-Latex waste
Method: R01-Recycler
Facility County: Los Angeles

Name: RUSH HOUR PRODUCTIONS INC
Address: 141 W AVENUE 34
City,State,Zip: LOS ANGELES, CA 900310000
Year: 1997
GEPAID: CAC001387408
Contact: DENNIS MIYAMOTO
Telephone: 2132243588
Mailing Name: Not reported
Mailing Address: 6565 SUNSET BLVD STE 425
Mailing City,St,Zip: HOLLYWOOD, CA 900280000
Gen County: Los Angeles
TSD EPA ID: CAD008252405
TSD County: Los Angeles
Tons: 0.688
CA Waste Code: 291-Latex waste
Method: R01-Recycler
Facility County: Los Angeles

RUSH HOUR PRODUCTIONS INC (Continued) **S112887078**

Click this hyperlink while viewing on your computer to access additional CA_HAZNET: detail in the EDR Site Report.

A7 **BIRDDOG** **HAZNET** **S112929937**
Target **135 W AVENUE 34** **N/A**
Property **LOS ANGELES, CA 90031**

Site 7 of 37 in cluster A

Actual: **372 ft.**

HAZNET:

Name:	BIRDDOG
Address:	135 W AVENUE 34
City,State,Zip:	LOS ANGELES, CA 90031
Year:	2003
GEPAID:	CAC002565428
Contact:	CARLOS GONZALES
Telephone:	3104734421
Mailing Name:	Not reported
Mailing Address:	2811 WILSHIRE BLVD STE 700
Mailing City,St,Zip:	SANTA MONICA, CA 90403
Gen County:	Los Angeles
TSD EPA ID:	CAT080033681
TSD County:	Los Angeles
Tons:	0.4587
CA Waste Code:	291-Latex waste
Method:	R01-Recycler
Facility County:	Los Angeles

A8 **GONE GIRL** **HAZNET** **S123593546**
Target **3433 PASADENA AVE** **N/A**
Property **LOS ANGELES, CA 90031**

Site 8 of 37 in cluster A

Actual: **372 ft.**

HAZNET:

Name:	GONE GIRL
Address:	3433 PASADENA AVE
City,State,Zip:	LOS ANGELES, CA 90031
Year:	2014
GEPAID:	CAC002751861
Contact:	GARY ASTEL
Telephone:	3238601090
Mailing Name:	Not reported
Mailing Address:	5620 HOLLYWOOD BLVD
Mailing City,St,Zip:	HOLLYWOOD, CA 90028
Gen County:	Los Angeles
TSD EPA ID:	CAD044429835
TSD County:	Los Angeles
Tons:	0.1625
CA Waste Code:	291-Latex waste
Method:	H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	Los Angeles

Name:	GONE GIRL
Address:	3433 PASADENA AVE

GONE GIRL (Continued) **S123593546**

City,State,Zip: LOS ANGELES, CA 90031
Year: 2013
GEPAID: CAC002751861
Contact: GARY ASTEL
Telephone: 3238601090
Mailing Name: Not reported
Mailing Address: 5620 HOLLYWOOD BLVD
Mailing City,St,Zip: HOLLYWOOD, CA 90028
Gen County: Los Angeles
TSD EPA ID: CAD044429835
TSD County: Los Angeles
Tons: 0.3125
CA Waste Code: 291-Latex waste
Method: H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Los Angeles

Name: GONE GIRL
Address: 3433 PASADENA AVE
City,State,Zip: LOS ANGELES, CA 90031
Year: 2013
GEPAID: CAC002751861
Contact: GARY ASTEL
Telephone: 3238601090
Mailing Name: Not reported
Mailing Address: 5620 HOLLYWOOD BLVD
Mailing City,St,Zip: HOLLYWOOD, CA 90028
Gen County: Los Angeles
TSD EPA ID: NED981723513
TSD County: 99
Tons: 0.1125
CA Waste Code: 223-Unspecified oil-containing waste
Method: -
Facility County: Los Angeles

Name: GONE GIRL
Address: 3433 PASADENA AVE
City,State,Zip: LOS ANGELES, CA 90031
Year: 2013
GEPAID: CAC002751861
Contact: GARY ASTEL
Telephone: 3238601090
Mailing Name: Not reported
Mailing Address: 5620 HOLLYWOOD BLVD
Mailing City,St,Zip: HOLLYWOOD, CA 90028
Gen County: Los Angeles
TSD EPA ID: NED981723513
TSD County: 99
Tons: Not reported
CA Waste Code: -
Method: H040-Incineration--Thermal Destruction Other Than Use As A Fuel
Facility County: Los Angeles

Name: GONE GIRL
Address: 3433 PASADENA AVE
City,State,Zip: LOS ANGELES, CA 90031
Year: 2013

GONE GIRL (Continued) **S123593546**

GEPAID:	CAC002751861
Contact:	GARY ASTEL
Telephone:	3238601090
Mailing Name:	Not reported
Mailing Address:	5620 HOLLYWOOD BLVD
Mailing City,St,Zip:	HOLLYWOOD, CA 90028
Gen County:	Los Angeles
TSD EPA ID:	NED981723513
TSD County:	99
Tons:	0.15
CA Waste Code:	223-Unspecified oil-containing waste
Method:	H040-Incineration--Thermal Destruction Other Than Use As A Fuel
Facility County:	Los Angeles

Click this hyperlink while viewing on your computer to access additional CA_HAZNET: detail in the EDR Site Report.

A9 **MONEYBALL** **HAZNET** **S123636632**
Target **3433 PASADENA AVE** **N/A**
Property **LOS ANGELES, CA 90031**

Site 9 of 37 in cluster A

Actual:
372 ft.

HAZNET:

Name:	MONEYBALL
Address:	3433 PASADENA AVE
City,State,Zip:	LOS ANGELES, CA 90031
Year:	2009
GEPAID:	CAP000201210
Contact:	CAROL REYNOLDS
Telephone:	3102448866
Mailing Name:	Not reported
Mailing Address:	10202 WASHINGTON BLVD
Mailing City,St,Zip:	CULVER CITY, CA 90232
Gen County:	Los Angeles
TSD EPA ID:	CAD008302903
TSD County:	Los Angeles
Tons:	0.075
CA Waste Code:	352-Other organic solids
Method:	H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	Los Angeles

Name:	MONEYBALL
Address:	3433 PASADENA AVE
City,State,Zip:	LOS ANGELES, CA 90031
Year:	2009
GEPAID:	CAP000201210
Contact:	CAROL REYNOLDS
Telephone:	3102448866
Mailing Name:	Not reported
Mailing Address:	10202 WASHINGTON BLVD
Mailing City,St,Zip:	CULVER CITY, CA 90232
Gen County:	Los Angeles
TSD EPA ID:	CAD008302903
TSD County:	Los Angeles
Tons:	0.05
CA Waste Code:	212-Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)

MONEYBALL (Continued) **S123636632**

Method: H061-Fuel Blending Prior To Energy Recovery At Another Site
Facility County: Los Angeles

A10 **WARNER BROS** **HAZNET** **S118934536**
Target **135 W AVENUE 34** **N/A**
Property **LOS ANGELES, CA 90031**

Site 10 of 37 in cluster A

Actual: **372 ft.**

HAZNET:
Name: WARNER BROS
Address: 135 W AVENUE 34
City,State,Zip: LOS ANGELES, CA 900311803
Year: 2016
GEPAID: CAC002838300
Contact: MIKE ASENCIO
Telephone: 8054287879
Mailing Name: Not reported
Mailing Address: 135 W AVENUE 34
Mailing City,St,Zip: LOS ANGELES, CA 900311803
Gen County: Los Angeles
TSD EPA ID: CAD044429835
TSD County: Los Angeles
Tons: 0.3
CA Waste Code: 213-Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Method: H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Los Angeles

Name: WARNER BROS
Address: 135 W AVENUE 34
City,State,Zip: LOS ANGELES, CA 900311803
Year: 2016
GEPAID: CAC002838300
Contact: MIKE ASENCIO
Telephone: 8054287879
Mailing Name: Not reported
Mailing Address: 135 W AVENUE 34
Mailing City,St,Zip: LOS ANGELES, CA 900311803
Gen County: Los Angeles
TSD EPA ID: CAD044429835
TSD County: Los Angeles
Tons: 0.225
CA Waste Code: 352-Other organic solids
Method: H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Los Angeles

Name: WARNER BROS
Address: 135 W AVENUE 34
City,State,Zip: LOS ANGELES, CA 900311803
Year: 2016
GEPAID: CAC002838300
Contact: MIKE ASENCIO
Telephone: 8054287879
Mailing Name: Not reported
Mailing Address: 135 W AVENUE 34
Mailing City,St,Zip: LOS ANGELES, CA 900311803

WARNER BROS (Continued) **S118934536**

Gen County: Los Angeles
TSD EPA ID: NED981723513
TSD County: 99
Tons: 0.175
CA Waste Code: 213-Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Method: H040-Incineration--Thermal Destruction Other Than Use As A Fuel
Facility County: Los Angeles

Name: WARNER BROS
Address: 135 W AVENUE 34
City,State,Zip: LOS ANGELES, CA 900311803
Year: 2016
GEPAID: CAC002838300
Contact: MIKE ASENCIO
Telephone: 8054287879
Mailing Name: Not reported
Mailing Address: 135 W AVENUE 34
Mailing City,St,Zip: LOS ANGELES, CA 900311803
Gen County: Los Angeles
TSD EPA ID: UTD991301748
TSD County: 99
Tons: 2
CA Waste Code: 291-Latex waste
Method: H132-Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Facility County: Los Angeles

Name: WARNER BROS
Address: 135 W AVENUE 34
City,State,Zip: LOS ANGELES, CA 900311803
Year: 2015
GEPAID: CAC002838300
Contact: MIKE ASENCIO
Telephone: 8054287879
Mailing Name: Not reported
Mailing Address: 135 W AVENUE 34
Mailing City,St,Zip: LOS ANGELES, CA 900311803
Gen County: Los Angeles
TSD EPA ID: CAD044429835
TSD County: Los Angeles
Tons: 0.15
CA Waste Code: 213-Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Method: H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Los Angeles

Click this hyperlink while viewing on your computer to access
1 additional CA_HAZNET: record(s) in the EDR Site Report.

A11 **ALL ABOUT STEVE MOVIE SITE** **RCRA NonGen / NLR** **1010561857**
Target **135 W AVE 34** **CAP000187583**
Property **LOS ANGELES, CA 90031**

Site 11 of 37 in cluster A

Actual:
372 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/07/2008
Facility name:	ALL ABOUT STEVE MOVIE SITE
Facility address:	135 W AVE 34 BLDG 135 LOS ANGELES, CA 90031
EPA ID:	CAP000187583
Contact:	TIM JACKSON
Contact address:	135 W AVE 34 BLDG 135 LOS ANGELES, CA 90031
Contact country:	US
Contact telephone:	818-613-5208
Contact email:	Not reported
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	TWENTIETH CENTURY FOX
Owner/operator address:	135 W AVE 34 LOS ANGELES, CA 90031
Owner/operator country:	US
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/1920
Owner/Op end date:	Not reported

Owner/operator name:	TIIM JACKSON
Owner/operator address:	Not reported Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	04/01/2007
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No

ALL ABOUT STEVE MOVIE SITE (Continued) **1010561857**

Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 10/01/2007
Site name: ALL ABOUT STEVE MOVIE SITE
Classification: Small Quantity Generator

Hazardous Waste Summary:

. Waste code: D001
. Waste name: IGNITABLE WASTE

Violation Status: No violations found

A12 **INFORMANT PRODUCTIONS LLC** **HAZNET** **S123583942**
Target **3433 PASADENA AVE** **N/A**
Property **LOS ANGELES, CA 90031**

Site 12 of 37 in cluster A

Actual:
372 ft.

HAZNET:
Name: INFORMANT PRODUCTIONS LLC
Address: 3433 PASADENA AVE
City,State,Zip: LOS ANGELES, CA 90031
Year: 2008
GEPAID: CAC002631669
Contact: BRENT GAYLE
Telephone: 8189543880
Mailing Name: Not reported
Mailing Address: 4000 WARNER BLVD BLDG 44
Mailing City,St,Zip: BURBANK, CA 91522
Gen County: Los Angeles
TSD EPA ID: CAD008302903
TSD County: Los Angeles
Tons: 0.4
CA Waste Code: 291-Latex waste
Method: H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Los Angeles

Name: INFORMANT PRODUCTIONS LLC
Address: 3433 PASADENA AVE
City,State,Zip: LOS ANGELES, CA 90031
Year: 2008
GEPAID: CAC002631669
Contact: BRENT GAYLE
Telephone: 8189543880
Mailing Name: Not reported
Mailing Address: 4000 WARNER BLVD BLDG 44
Mailing City,St,Zip: BURBANK, CA 91522
Gen County: Los Angeles

INFORMANT PRODUCTIONS LLC (Continued) **S123583942**

TSD EPA ID: CAD008302903
TSD County: Los Angeles
Tons: 0.05
CA Waste Code: 352-Other organic solids
Method: H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Los Angeles

Name: INFORMANT PRODUCTIONS LLC
Address: 3433 PASADENA AVE
City,State,Zip: LOS ANGELES, CA 90031
Year: 2008
GEPAID: CAC002631669
Contact: BRENT GAYLE
Telephone: 8189543880
Mailing Name: Not reported
Mailing Address: 4000 WARNER BLVD BLDG 44
Mailing City,St,Zip: BURBANK, CA 91522
Gen County: Los Angeles
TSD EPA ID: CAD008302903
TSD County: Los Angeles
Tons: 0.075
CA Waste Code: 343-Unspecified organic liquid mixture
Method: H061-Fuel Blending Prior To Energy Recovery At Another Site
Facility County: Los Angeles

A13 **ALL ABOUT STEVE MOVIE SITE** **FINDS 1010697893**
Target **135 W AVE 34** **ECHO N/A**
Property **LOS ANGELES, CA 90031**

Site 13 of 37 in cluster A

Actual: 372 ft.

FINDS:

Registry ID: 110033020308

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1010697893
Registry ID: 110033020308
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110033020308

A14 **E D 1125 INC** **HAZNET** **S112957242**
Target **3401 PASADENA AVE** **N/A**
Property **LOS ANGELES, CA 90031**

Site 14 of 37 in cluster A

Actual:
372 ft.

HAZNET:

Name:	E D 1125 INC
Address:	3401 PASADENA AVE
City,State,Zip:	LOS ANGELES, CA 90031
Year:	2006
GEPAID:	CAC002609799
Contact:	TONY PENICHET
Telephone:	3232213393
Mailing Name:	Not reported
Mailing Address:	141 W AVENUE 34
Mailing City,St,Zip:	LOS ANGELES, CA 90031
Gen County:	Los Angeles
TSD EPA ID:	CAD028409019
TSD County:	Los Angeles
Tons:	0.595
CA Waste Code:	343-Unspecified organic liquid mixture
Method:	H061-Fuel Blending Prior To Energy Recovery At Another Site
Facility County:	Los Angeles

Name:	E D 1125 INC
Address:	3401 PASADENA AVE
City,State,Zip:	LOS ANGELES, CA 90031
Year:	2006
GEPAID:	CAC002609799
Contact:	TONY PENICHET
Telephone:	3232213393
Mailing Name:	Not reported
Mailing Address:	141 W AVENUE 34
Mailing City,St,Zip:	LOS ANGELES, CA 90031
Gen County:	Los Angeles
TSD EPA ID:	CAD028409019
TSD County:	Los Angeles
Tons:	0.125
CA Waste Code:	352-Other organic solids
Method:	H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	Los Angeles

Name:	E D 1125 INC
Address:	3401 PASADENA AVE
City,State,Zip:	LOS ANGELES, CA 90031
Year:	2006
GEPAID:	CAC002609799
Contact:	TONY PENICHET
Telephone:	3232213393
Mailing Name:	Not reported
Mailing Address:	141 W AVENUE 34
Mailing City,St,Zip:	LOS ANGELES, CA 90031
Gen County:	Los Angeles
TSD EPA ID:	CAD028409019
TSD County:	Los Angeles
Tons:	0.494
CA Waste Code:	221-Waste oil and mixed oil

E D 1125 INC (Continued) **S112957242**

Method:	H06-
Facility County:	Los Angeles
Name:	E D 1125 INC
Address:	3401 PASADENA AVE
City,State,Zip:	LOS ANGELES, CA 90031
Year:	2006
GEPAID:	CAC002609799
Contact:	TONY PENICHET
Telephone:	3232213393
Mailing Name:	Not reported
Mailing Address:	141 W AVENUE 34
Mailing City,St,Zip:	LOS ANGELES, CA 90031
Gen County:	Los Angeles
TSD EPA ID:	CAD028409019
TSD County:	Los Angeles
Tons:	0.38
CA Waste Code:	221-Waste oil and mixed oil
Method:	H061-Fuel Blending Prior To Energy Recovery At Another Site
Facility County:	Los Angeles
Name:	E D 1125 INC
Address:	3401 PASADENA AVE
City,State,Zip:	LOS ANGELES, CA 90031
Year:	2006
GEPAID:	CAC002609799
Contact:	TONY PENICHET
Telephone:	3232213393
Mailing Name:	Not reported
Mailing Address:	141 W AVENUE 34
Mailing City,St,Zip:	LOS ANGELES, CA 90031
Gen County:	Los Angeles
TSD EPA ID:	CAD028409019
TSD County:	Los Angeles
Tons:	0.34
CA Waste Code:	343-Unspecified organic liquid mixture
Method:	H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	Los Angeles

Click this hyperlink while viewing on your computer to access additional CA_HAZNET: detail in the EDR Site Report.

A15 **TOMCATS** **HAZNET** **S112909633**
Target **141 W AVE 34** **N/A**
Property **LOS ANGELES, CA 90031**

Site 15 of 37 in cluster A

Actual: **372 ft.**

HAZNET:

Name:	TOMCATS
Address:	141 W AVE 34
City,State,Zip:	LOS ANGELES, CA 900310000
Year:	2000
GEPAID:	CAC002287113
Contact:	TOM CAT PRODUCTIONS INC
Telephone:	3234051215
Mailing Name:	Not reported

TOMCATS (Continued) **S112909633**

Mailing Address: 141 W AVE 34
Mailing City,St,Zip: LOS ANGELES, CA 900310000
Gen County: Los Angeles
TSD EPA ID: CAD008252405
TSD County: Los Angeles
Tons: 0.9174
CA Waste Code: 133-Aqueous solution with total organic residues 10 percent or more
Method: R01-Recycler
Facility County: Los Angeles

Name: TOMCATS
Address: 141 W AVE 34
City,State,Zip: LOS ANGELES, CA 900310000
Year: 2000
GEPAID: CAC002287113
Contact: TOM CAT PRODUCTIONS INC
Telephone: 3234051215
Mailing Name: Not reported
Mailing Address: 141 W AVE 34
Mailing City,St,Zip: LOS ANGELES, CA 900310000
Gen County: Los Angeles
TSD EPA ID: CAD008252405
TSD County: Los Angeles
Tons: 0.3
CA Waste Code: 135-Unspecified aqueous solution
Method: R01-Recycler
Facility County: Los Angeles

Name: TOMCATS
Address: 141 W AVE 34
City,State,Zip: LOS ANGELES, CA 900310000
Year: 2000
GEPAID: CAC002287113
Contact: TOM CAT PRODUCTIONS INC
Telephone: 3234051215
Mailing Name: Not reported
Mailing Address: 141 W AVE 34
Mailing City,St,Zip: LOS ANGELES, CA 900310000
Gen County: Los Angeles
TSD EPA ID: CAD008252405
TSD County: Los Angeles
Tons: 0.198
CA Waste Code: 214-Unspecified solvent mixture
Method: R01-Recycler
Facility County: Los Angeles

A16 **END OF WATCH LLC** **HAZNET** **S113464688**
Target **3433 PASADENA AVE** **N/A**
Property **LOS ANGELES, CA 90031**

Site 16 of 37 in cluster A

Actual:
372 ft.

HAZNET:
Name: END OF WATCH LLC
Address: 3433 PASADENA AVE
City,State,Zip: LOS ANGELES, CA 900311929
Year: 2010
GEPAID: CAC002661078

END OF WATCH LLC (Continued) **S113464688**

Contact:	LARRY MENDOZA
Telephone:	3232928105
Mailing Name:	Not reported
Mailing Address:	3433 PASADENA AVE
Mailing City,St,Zip:	LOS ANGELES, CA 900311929
Gen County:	Los Angeles
TSD EPA ID:	CAD008252405
TSD County:	Los Angeles
Tons:	0.22935
CA Waste Code:	133-Aqueous solution with total organic residues 10 percent or more
Method:	H061-Fuel Blending Prior To Energy Recovery At Another Site
Facility County:	Los Angeles

Name:	END OF WATCH LLC
Address:	3433 PASADENA AVE
City,State,Zip:	LOS ANGELES, CA 900311929
Year:	2010
GEPAID:	CAC002661078
Contact:	LARRY MENDOZA
Telephone:	3232928105
Mailing Name:	Not reported
Mailing Address:	3433 PASADENA AVE
Mailing City,St,Zip:	LOS ANGELES, CA 900311929
Gen County:	Los Angeles
TSD EPA ID:	CAD008252405
TSD County:	Los Angeles
Tons:	0.396
CA Waste Code:	214-Unspecified solvent mixture
Method:	H061-Fuel Blending Prior To Energy Recovery At Another Site
Facility County:	Los Angeles

Name:	END OF WATCH LLC
Address:	3433 PASADENA AVE
City,State,Zip:	LOS ANGELES, CA 900311929
Year:	2010
GEPAID:	CAC002661078
Contact:	LARRY MENDOZA
Telephone:	3232928105
Mailing Name:	Not reported
Mailing Address:	3433 PASADENA AVE
Mailing City,St,Zip:	LOS ANGELES, CA 900311929
Gen County:	Los Angeles
TSD EPA ID:	CAD008252405
TSD County:	Los Angeles
Tons:	0.1
CA Waste Code:	352-Other organic solids
Method:	H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	Los Angeles

A17 **WARNER BROS HANGOVER 3** **HAZNET** **S113468753**
Target **3433 PASADENA AVE** **N/A**
Property **LOS ANGELES, CA 90031**

Site 17 of 37 in cluster A

Actual:
372 ft.

HAZNET:

Name:	WARNER BROS HANGOVER 3
Address:	3433 PASADENA AVE
City,State,Zip:	LOS ANGELES, CA 900310000
Year:	2012
GEPAID:	CAR000206029
Contact:	JEFF EGAN
Telephone:	8189544248
Mailing Name:	Not reported
Mailing Address:	4000 WARNER BLVD BLDG 133 RM 105
Mailing City,St,Zip:	BURBANK, CA 91522
Gen County:	Los Angeles
TSD EPA ID:	ARD981057870
TSD County:	99
Tons:	0.1815
CA Waste Code:	331-Off-specification, aged or surplus organics
Method:	-
Facility County:	Los Angeles

Name:	WARNER BROS HANGOVER 3
Address:	3433 PASADENA AVE
City,State,Zip:	LOS ANGELES, CA 900310000
Year:	2012
GEPAID:	CAR000206029
Contact:	JEFF EGAN
Telephone:	8189544248
Mailing Name:	Not reported
Mailing Address:	4000 WARNER BLVD BLDG 133 RM 105
Mailing City,St,Zip:	BURBANK, CA 91522
Gen County:	Los Angeles
TSD EPA ID:	ARD981057870
TSD County:	99
Tons:	0.099
CA Waste Code:	331-Off-specification, aged or surplus organics
Method:	H061-Fuel Blending Prior To Energy Recovery At Another Site
Facility County:	Los Angeles

Name:	WARNER BROS HANGOVER 3
Address:	3433 PASADENA AVE
City,State,Zip:	LOS ANGELES, CA 900310000
Year:	2012
GEPAID:	CAR000206029
Contact:	JEFF EGAN
Telephone:	8189544248
Mailing Name:	Not reported
Mailing Address:	4000 WARNER BLVD BLDG 133 RM 105
Mailing City,St,Zip:	BURBANK, CA 91522
Gen County:	Los Angeles
TSD EPA ID:	ARD981057870
TSD County:	99
Tons:	0.015
CA Waste Code:	352-Other organic solids
Method:	H061-Fuel Blending Prior To Energy Recovery At Another Site

WARNER BROS HANGOVER 3 (Continued) **S113468753**

Facility County: Los Angeles

Name: WARNER BROS HANGOVER 3
Address: 3433 PASADENA AVE
City,State,Zip: LOS ANGELES, CA 900310000
Year: 2010
GEPAID: CAR000206029
Contact: JEFF EGAN
Telephone: 8189544248
Mailing Name: Not reported
Mailing Address: 4000 WARNER BLVD BLDG 133 RM 105
Mailing City,St,Zip: BURBANK, CA 91522
Gen County: Los Angeles
TSD EPA ID: CAD008302903
TSD County: Los Angeles
Tons: 0.075
CA Waste Code: 352-Other organic solids
Method: H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Los Angeles

Name: WARNER BROS HANGOVER 3
Address: 3433 PASADENA AVE
City,State,Zip: LOS ANGELES, CA 900310000
Year: 2010
GEPAID: CAR000206029
Contact: JEFF EGAN
Telephone: 8189544248
Mailing Name: Not reported
Mailing Address: 4000 WARNER BLVD BLDG 133 RM 105
Mailing City,St,Zip: BURBANK, CA 91522
Gen County: Los Angeles
TSD EPA ID: CAD008302903
TSD County: Los Angeles
Tons: 0.15
CA Waste Code: 212-Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Method: H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Los Angeles

Click this hyperlink while viewing on your computer to access additional CA_HAZNET: detail in the EDR Site Report.

A18 **SOUL PRODUCTION LLC - END OF WATCH** **HAZNET** **S112992261**
Target **135 W AVENUE 34** **N/A**
Property **LOS ANGELES, CA 90031**

Site 18 of 37 in cluster A

Actual: **372 ft.**

HAZNET:
Name: SOUL PRODUCTION LLC - END OF WATCH
Address: 135 W AVENUE 34
City,State,Zip: LOS ANGELES, CA 90031
Year: 2011
GEPAID: CAC002674433
Contact: BRUCE SMITH
Telephone: 8187263663
Mailing Name: Not reported

SOUL PRODUCTION LLC - END OF WATCH (Continued) **S112992261**

Mailing Address: 1201 W 5TH ST STE F280
Mailing City,St,Zip: LOS ANGELES, CA 900171492
Gen County: Los Angeles
TSD EPA ID: CAD008252405
TSD County: Los Angeles
Tons: 0.22935
CA Waste Code: 133-Aqueous solution with total organic residues 10 percent or more
Method: H061-Fuel Blending Prior To Energy Recovery At Another Site
Facility County: Los Angeles

A19 **ORTIZ BROTHERS MOVING AND STORAGE** **HAZNET** **S112889924**
Target **135 W AVENUE 34** **N/A**
Property **LOS ANGELES, CA 90031**

Site 19 of 37 in cluster A

Actual: **372 ft.**

HAZNET:
Name: ORTIZ BROTHERS MOVING AND STORAGE
Address: 135 W AVENUE 34
City,State,Zip: LOS ANGELES, CA 900310000
Year: 1998
GEPAID: CAC001419176
Contact: ERIC ORTIZ-PARTNER
Telephone: 2132213393
Mailing Name: Not reported
Mailing Address: 135 W AVENUE 34
Mailing City,St,Zip: LOS ANGELES, CA 900310000
Gen County: Los Angeles
TSD EPA ID: CAT080013352
TSD County: Los Angeles
Tons: 2.0641
CA Waste Code: 213-Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Method: R01-Recycler
Facility County: Los Angeles

Name: ORTIZ BROTHERS MOVING AND STORAGE
Address: 135 W AVENUE 34
City,State,Zip: LOS ANGELES, CA 900310000
Year: 1998
GEPAID: CAC001419176
Contact: ERIC ORTIZ-PARTNER
Telephone: 2132213393
Mailing Name: Not reported
Mailing Address: 135 W AVENUE 34
Mailing City,St,Zip: LOS ANGELES, CA 900310000
Gen County: Los Angeles
TSD EPA ID: CAT080013352
TSD County: Los Angeles
Tons: 1.045
CA Waste Code: 221-Waste oil and mixed oil
Method: R01-Recycler
Facility County: Los Angeles

Name: ORTIZ BROTHERS MOVING AND STORAGE
Address: 135 W AVENUE 34
City,State,Zip: LOS ANGELES, CA 900310000
Year: 1998
GEPAID: CAC001419176

ORTIZ BROTHERS MOVING AND STORAGE (Continued) **S112889924**

Contact:	ERIC ORTIZ-PARTNER
Telephone:	2132213393
Mailing Name:	Not reported
Mailing Address:	135 W AVENUE 34
Mailing City,St,Zip:	LOS ANGELES, CA 900310000
Gen County:	Los Angeles
TSD EPA ID:	CAT080033681
TSD County:	Los Angeles
Tons:	0.25
CA Waste Code:	135-Unspecified aqueous solution
Method:	R01-Recycler
Facility County:	Los Angeles

Name:	ORTIZ BROTHERS MOVING AND STORAGE
Address:	135 W AVENUE 34
City,State,Zip:	LOS ANGELES, CA 900310000
Year:	1998
GEPAID:	CAC001419176
Contact:	ERIC ORTIZ-PARTNER
Telephone:	2132213393
Mailing Name:	Not reported
Mailing Address:	135 W AVENUE 34
Mailing City,St,Zip:	LOS ANGELES, CA 900310000
Gen County:	Los Angeles
TSD EPA ID:	CAT080013352
TSD County:	Los Angeles
Tons:	1.848
CA Waste Code:	135-Unspecified aqueous solution
Method:	R01-Recycler
Facility County:	Los Angeles

Name:	ORTIZ BROTHERS MOVING AND STORAGE
Address:	135 W AVENUE 34
City,State,Zip:	LOS ANGELES, CA 900310000
Year:	1998
GEPAID:	CAC001419176
Contact:	ERIC ORTIZ-PARTNER
Telephone:	2132213393
Mailing Name:	Not reported
Mailing Address:	135 W AVENUE 34
Mailing City,St,Zip:	LOS ANGELES, CA 900310000
Gen County:	Los Angeles
TSD EPA ID:	CAT080033681
TSD County:	Los Angeles
Tons:	0.748
CA Waste Code:	343-Unspecified organic liquid mixture
Method:	R01-Recycler
Facility County:	Los Angeles

Click this hyperlink while viewing on your computer to access
1 additional CA_HAZNET: record(s) in the EDR Site Report.

A20 **WARNER BROS PICTURES INC HANGOVER 3** **FINDS** **1015781181**
Target **3433 PASADENA AVE** **ECHO** **N/A**
Property **LOS ANGELES, CA 90031**

Site 20 of 37 in cluster A

Actual:
372 ft.

FINDS:

Registry ID: 110054820958

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1015781181
Registry ID:	110054820958
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110054820958

A21 **ELASTIC COATINGS ORGANIZATION** **HAZNET** **S112839573**
Target **3401 PASADENA AVENUE** **N/A**
Property **LOS ANGELES, CA 90031**

Site 21 of 37 in cluster A

Actual:
372 ft.

HAZNET:

Name:	ELASTIC COATINGS ORGANIZATION
Address:	3401 PASADENA AVENUE
City,State,Zip:	LOS ANGELES, CA 900310000
Year:	1993
GEPAID:	CAC000714448
Contact:	DAVID BERLANGA
Telephone:	8184579933
Mailing Name:	Not reported
Mailing Address:	3401 PASADENA AVENUE
Mailing City,St,Zip:	LOS ANGELES, CA 900310000
Gen County:	Los Angeles
TSD EPA ID:	CAD089446710
TSD County:	Los Angeles
Tons:	6.34
CA Waste Code:	214-Unspecified solvent mixture
Method:	R01-Recycler
Facility County:	Los Angeles

Name:	ELASTIC COATINGS ORGANIZATION
Address:	3401 PASADENA AVENUE
City,State,Zip:	LOS ANGELES, CA 900310000
Year:	1993
GEPAID:	CAC000714448
Contact:	DAVID BERLANGA
Telephone:	8184579933

ELASTIC COATINGS ORGANIZATION (Continued) **S112839573**

Mailing Name:	Not reported
Mailing Address:	3401 PASADENA AVENUE
Mailing City,St,Zip:	LOS ANGELES, CA 900310000
Gen County:	Los Angeles
TSD EPA ID:	CAD000088252
TSD County:	Los Angeles
Tons:	0.2293
CA Waste Code:	232-Pesticides and other waste associated with pesticide production
Method:	H01-Transfer Station
Facility County:	Los Angeles

Name:	ELASTIC COATINGS ORGANIZATION
Address:	3401 PASADENA AVENUE
City,State,Zip:	LOS ANGELES, CA 900310000
Year:	1993
GEPAID:	CAC000714448
Contact:	DAVID BERLANGA
Telephone:	8184579933
Mailing Name:	Not reported
Mailing Address:	3401 PASADENA AVENUE
Mailing City,St,Zip:	LOS ANGELES, CA 900310000
Gen County:	Los Angeles
TSD EPA ID:	CAD000088252
TSD County:	Los Angeles
Tons:	0.2293
CA Waste Code:	122-Alkaline solution without metals pH >= 12.5
Method:	H01-Transfer Station
Facility County:	Los Angeles

A22 **STEP UP 3D** **HAZNET** **S113459276**
Target **135 W AVENUE 34** **N/A**
Property **LOS ANGELES, CA 90031**

Site 22 of 37 in cluster A

Actual:
372 ft.

HAZNET:

Name:	STEP UP 3D
Address:	135 W AVENUE 34
City,State,Zip:	LOS ANGELES, CA 90031
Year:	2010
GEPAID:	CAC002651863
Contact:	CHRIS FORESTER
Telephone:	8185264218
Mailing Name:	Not reported
Mailing Address:	800 S MAIN ST FL 3
Mailing City,St,Zip:	BURBANK, CA 915063306
Gen County:	Los Angeles
TSD EPA ID:	CAD980675276
TSD County:	Kern
Tons:	0.0625
CA Waste Code:	291-Latex waste
Method:	H132-Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Facility County:	Los Angeles

A23 **ORTIZ BROTHERS MOVING AND STORAGE** **HAZNET** **S112881201**
Target **135 W AVENUE 34** **N/A**
Property **LOS ANGELES, CA 90031**

Site 23 of 37 in cluster A

Actual: **372 ft.**

HAZNET:

Name:	ORTIZ BROTHERS MOVING AND STORAGE
Address:	135 W AVENUE 34
City,State,Zip:	LOS ANGELES, CA 900310000
Year:	1997
GEPAID:	CAC001308488
Contact:	ERIC ORTIZ-PARTNER
Telephone:	2132213393
Mailing Name:	Not reported
Mailing Address:	135 W AVENUE 34
Mailing City,St,Zip:	LOS ANGELES, CA 900310000
Gen County:	Los Angeles
TSD EPA ID:	CAT080013352
TSD County:	Los Angeles
Tons:	3.8
CA Waste Code:	221-Waste oil and mixed oil
Method:	R01-Recycler
Facility County:	Los Angeles

Name:	ORTIZ BROTHERS MOVING AND STORAGE
Address:	135 W AVENUE 34
City,State,Zip:	LOS ANGELES, CA 900310000
Year:	1997
GEPAID:	CAC001308488
Contact:	ERIC ORTIZ-PARTNER
Telephone:	2132213393
Mailing Name:	Not reported
Mailing Address:	135 W AVENUE 34
Mailing City,St,Zip:	LOS ANGELES, CA 900310000
Gen County:	Los Angeles
TSD EPA ID:	CAD982444481
TSD County:	San Bernardino
Tons:	0.5
CA Waste Code:	352-Other organic solids
Method:	H01-Transfer Station
Facility County:	Los Angeles

A24 **FIVE CONTINENT IMPORTS LLC** **HAZNET** **S113461910**
Target **141 W AVENUE 34** **N/A**
Property **LOS ANGELES, CA 90031**

Site 24 of 37 in cluster A

Actual: **372 ft.**

HAZNET:

Name:	FIVE CONTINENT IMPORTS LLC
Address:	141 W AVENUE 34
City,State,Zip:	LOS ANGELES, CA 90031
Year:	2010
GEPAID:	CAC002656262
Contact:	ROSS MOCK
Telephone:	8186219444
Mailing Name:	Not reported
Mailing Address:	8899 BEVERLY BLVD STE 510
Mailing City,St,Zip:	LOS ANGELES, CA 90048

FIVE CONTINENT IMPORTS LLC (Continued) **S113461910**

Gen County: Los Angeles
TSD EPA ID: AZR000501510
TSD County: 99
Tons: 0.2085
CA Waste Code: 291-Latex waste
Method: H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Los Angeles

A25 **LOVE & BASKETBALL** **HAZNET** **S112894020**
Target **135 W AVE 34** **N/A**
Property **LOS ANGELES, CA 90031**

Site 25 of 37 in cluster A

Actual: **372 ft.**

HAZNET:
Name: LOVE & BASKETBALL
Address: 135 W AVE 34
City,State,Zip: LOS ANGELES, CA 900310000
Year: 1999
GEPAID: CAC001474784
Contact: NEWLINE CINEMA
Telephone: 3236581180
Mailing Name: Not reported
Mailing Address: 6423 WILSHIRE 2ND FLOOR
Mailing City,St,Zip: LOS ANGELES, CA 900480000
Gen County: Los Angeles
TSD EPA ID: CAD008252405
TSD County: Los Angeles
Tons: 0.072
CA Waste Code: 214-Unspecified solvent mixture
Method: R01-Recycler
Facility County: Los Angeles

Name: LOVE & BASKETBALL
Address: 135 W AVE 34
City,State,Zip: LOS ANGELES, CA 900310000
Year: 1999
GEPAID: CAC001474784
Contact: NEWLINE CINEMA
Telephone: 3236581180
Mailing Name: Not reported
Mailing Address: 6423 WILSHIRE 2ND FLOOR
Mailing City,St,Zip: LOS ANGELES, CA 900480000
Gen County: Los Angeles
TSD EPA ID: CAD008252405
TSD County: Los Angeles
Tons: 0.0834
CA Waste Code: 133-Aqueous solution with total organic residues 10 percent or more
Method: R01-Recycler
Facility County: Los Angeles

A26 **LIE TO ME** **HAZNET** **S113153572**
Target **141 W AVENUE 34** **N/A**
Property **LOS ANGELES, CA 90031**

Site 26 of 37 in cluster A

Actual:
372 ft.

HAZNET:

Name:	LIE TO ME
Address:	141 W AVENUE 34
City,State,Zip:	LOS ANGELES, CA 90031
Year:	2008
GEPAID:	CAL000335244
Contact:	DONALD ISHIHARA
Telephone:	3103694277
Mailing Name:	Not reported
Mailing Address:	PO BOX 900 99/531
Mailing City,St,Zip:	BEVERLY HILLS, CA 90035
Gen County:	Los Angeles
TSD EPA ID:	CAD008302903
TSD County:	Los Angeles
Tons:	0.1
CA Waste Code:	213-Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Method:	H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	Los Angeles

Name:	LIE TO ME
Address:	141 W AVENUE 34
City,State,Zip:	LOS ANGELES, CA 90031
Year:	2008
GEPAID:	CAL000335244
Contact:	DONALD ISHIHARA
Telephone:	3103694277
Mailing Name:	Not reported
Mailing Address:	PO BOX 900 99/531
Mailing City,St,Zip:	BEVERLY HILLS, CA 90035
Gen County:	Los Angeles
TSD EPA ID:	CAD008302903
TSD County:	Los Angeles
Tons:	0.05
CA Waste Code:	461-Paint sludge
Method:	H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	Los Angeles

Name:	LIE TO ME
Address:	141 W AVENUE 34
City,State,Zip:	LOS ANGELES, CA 90031
Year:	2008
GEPAID:	CAL000335244
Contact:	DONALD ISHIHARA
Telephone:	3103694277
Mailing Name:	Not reported
Mailing Address:	PO BOX 900 99/531
Mailing City,St,Zip:	BEVERLY HILLS, CA 90035
Gen County:	Los Angeles
TSD EPA ID:	CAD008302903
TSD County:	Los Angeles
Tons:	0.1

LIE TO ME (Continued) **S113153572**

CA Waste Code: 291-Latex waste
Method: H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Los Angeles

A27 **ALL ABOUT STEVE MOVIE SITE** **HAZNET** **S113171594**
Target **135 W AVE 34 BLDG 135** **N/A**
Property **LOS ANGELES, CA 90031**

Site 27 of 37 in cluster A

Actual:
372 ft.

HAZNET:
Name: ALL ABOUT STEVE MOVIE SITE
Address: 135 W AVE 34 BLDG 135
City,State,Zip: LOS ANGELES, CA 900310000
Year: 2007
GEPAID: CAP000187583
Contact: TIM JACKSON
Telephone: 8186135208
Mailing Name: Not reported
Mailing Address: 135 W AVE 34 BLDG 135
Mailing City,St,Zip: LOS ANGELES, CA 900310000
Gen County: Los Angeles
TSD EPA ID: ARD981057870
TSD County: 99
Tons: 0.1
CA Waste Code: 352-Other organic solids
Method: H061-Fuel Blending Prior To Energy Recovery At Another Site
Facility County: Los Angeles

Name: ALL ABOUT STEVE MOVIE SITE
Address: 135 W AVE 34 BLDG 135
City,State,Zip: LOS ANGELES, CA 900310000
Year: 2007
GEPAID: CAP000187583
Contact: TIM JACKSON
Telephone: 8186135208
Mailing Name: Not reported
Mailing Address: 135 W AVE 34 BLDG 135
Mailing City,St,Zip: LOS ANGELES, CA 900310000
Gen County: Los Angeles
TSD EPA ID: ARD981057870
TSD County: 99
Tons: 0.726
CA Waste Code: 331-Off-specification, aged or surplus organics
Method: H061-Fuel Blending Prior To Energy Recovery At Another Site
Facility County: Los Angeles

A28 **NURSE BETTY PRODUCTIONS** **HAZNET** **S112899888**
Target **135 W AVENUE 34** **N/A**
Property **LOS ANGELES, CA 90031**

Site 28 of 37 in cluster A

Actual: **372 ft.**

HAZNET:

Name:	NURSE BETTY PRODUCTIONS
Address:	135 W AVENUE 34
City,State,Zip:	LOS ANGELES, CA 900310000
Year:	1999
GEPAID:	CAC002135697
Contact:	NURSE BETTY PRODUCTIONS
Telephone:	0000000000
Mailing Name:	Not reported
Mailing Address:	1041 NO FORMOSA AVE
Mailing City,St,Zip:	HOLLYWOOD, CA 900460000
Gen County:	Los Angeles
TSD EPA ID:	CAD008252405
TSD County:	Los Angeles
Tons:	0
CA Waste Code:	461-Paint sludge
Method:	R01-Recycler
Facility County:	Los Angeles

A29 **ABC SIGNATURE STUDIOS** **HAZNET** **S123048411**
Target **141 W. AVENUE 34** **N/A**
Property **LOS ANGELES, CA 90031**

Site 29 of 37 in cluster A

Actual: **372 ft.**

HAZNET:

Name:	ABC SIGNATURE STUDIOS
Address:	141 W. AVENUE 34
City,State,Zip:	LOS ANGELES, CA 90031
Year:	2017
GEPAID:	CAC002896108
Contact:	RYAN MAJUS
Telephone:	8055510403
Mailing Name:	Not reported
Mailing Address:	4151 PROSPECT AVE
Mailing City,St,Zip:	LOS ANGELES, CA 90027
Gen County:	Los Angeles
TSD EPA ID:	UTD991301748
TSD County:	99
Tons:	0.2
CA Waste Code:	291-Latex waste
Method:	H132-Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Facility County:	Los Angeles

A30 **BOB BAKER PRODUCTIONS** **EMI** **S106827113**
Target **3401 PASADENA AVENUE** **N/A**
Property **LOS ANGELES, CA 90031**

Site 30 of 37 in cluster A

Actual: **372 ft.**

EMI:

Year:	1990
County Code:	19
Air Basin:	SC
Facility ID:	69632
Air District Name:	SC
SIC Code:	7832
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

A31 **20TH CENTURY FOX/DARE DEVIL** **HAZNET** **S112921267**
Target **135 W AVE 34** **N/A**
Property **LOS ANGELES, CA 90031**

Site 31 of 37 in cluster A

Actual: **372 ft.**

HAZNET:

Name:	20TH CENTURY FOX/DARE DEVIL
Address:	135 W AVE 34
City,State,Zip:	LOS ANGELES, CA 90031
Year:	2002
GEPAID:	CAC002550641
Contact:	SUSAN LA RIVIERA
Telephone:	3105667800
Mailing Name:	Not reported
Mailing Address:	11965 VENICE BLVD STE 205
Mailing City,St,Zip:	LOS ANGELES, CA 90066
Gen County:	Los Angeles
TSD EPA ID:	CAD008252405
TSD County:	Los Angeles
Tons:	1.71
CA Waste Code:	214-Unspecified solvent mixture
Method:	R01-Recycler
Facility County:	Los Angeles

Name:	20TH CENTURY FOX/DARE DEVIL
Address:	135 W AVE 34
City,State,Zip:	LOS ANGELES, CA 90031
Year:	2002
GEPAID:	CAC002550641
Contact:	SUSAN LA RIVIERA
Telephone:	3105667800
Mailing Name:	Not reported
Mailing Address:	11965 VENICE BLVD STE 205
Mailing City,St,Zip:	LOS ANGELES, CA 90066
Gen County:	Los Angeles

20TH CENTURY FOX/DARE DEVIL (Continued) **S112921267**

TSD EPA ID: CAD008252405
TSD County: Los Angeles
Tons: 0.1225
CA Waste Code: 352-Other organic solids
Method: R01-Recycler
Facility County: Los Angeles

Name: 20TH CENTURY FOX/DARE DEVIL
Address: 135 W AVE 34
City,State,Zip: LOS ANGELES, CA 90031
Year: 2002
GEPAID: CAC002550641
Contact: SUSAN LA RIVIERA
Telephone: 3105667800
Mailing Name: Not reported
Mailing Address: 11965 VENICE BLVD STE 205
Mailing City,St,Zip: LOS ANGELES, CA 90066
Gen County: Los Angeles
TSD EPA ID: CAD008302903
TSD County: Los Angeles
Tons: 0.396
CA Waste Code: 214-Unspecified solvent mixture
Method: R01-Recycler
Facility County: Los Angeles

Name: 20TH CENTURY FOX/DARE DEVIL
Address: 135 W AVE 34
City,State,Zip: LOS ANGELES, CA 90031
Year: 2002
GEPAID: CAC002550641
Contact: SUSAN LA RIVIERA
Telephone: 3105667800
Mailing Name: Not reported
Mailing Address: 11965 VENICE BLVD STE 205
Mailing City,St,Zip: LOS ANGELES, CA 90066
Gen County: Los Angeles
TSD EPA ID: CAD008302903
TSD County: Los Angeles
Tons: 0.075
CA Waste Code: 352-Other organic solids
Method: H01-Transfer Station
Facility County: Los Angeles

Name: 20TH CENTURY FOX/DARE DEVIL
Address: 135 W AVE 34
City,State,Zip: LOS ANGELES, CA 90031
Year: 2002
GEPAID: CAC002550641
Contact: SUSAN LA RIVIERA
Telephone: 3105667800
Mailing Name: Not reported
Mailing Address: 11965 VENICE BLVD STE 205
Mailing City,St,Zip: LOS ANGELES, CA 90066
Gen County: Los Angeles
TSD EPA ID: CAD008252405
TSD County: Los Angeles
Tons: 0.06

20TH CENTURY FOX/DARE DEVIL (Continued) **S112921267**

CA Waste Code: 352-Other organic solids
Method: H01-Transfer Station
Facility County: Los Angeles

Click this hyperlink while viewing on your computer to access additional CA_HAZNET: detail in the EDR Site Report.

A32 **BATTLE OF THE SEXES** **HAZNET** **S121020358**
Target **141 W AVE 34** **N/A**
Property **LOS ANGELES, CA 90031**

Site 32 of 37 in cluster A

Actual: **372 ft.**

HAZNET:

Name: BATTLE OF THE SEXES
Address: 141 W AVE 34
City,State,Zip: LOS ANGELES, CA 90031
Year: 2016
GEPAID: CAL000416077
Contact: DONALD ISHIHARA
Telephone: 3103694277
Mailing Name: Not reported
Mailing Address: PO BOX 900, 99/450
Mailing City,St,Zip: BEVERLY HILLS, CA 90213
Gen County: Los Angeles
TSD EPA ID: CAD008302903
TSD County: Los Angeles
Tons: 0.075
CA Waste Code: 213-Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Method: H061-Fuel Blending Prior To Energy Recovery At Another Site
Facility County: Los Angeles

Name: BATTLE OF THE SEXES
Address: 141 W AVE 34
City,State,Zip: LOS ANGELES, CA 90031
Year: 2016
GEPAID: CAL000416077
Contact: DONALD ISHIHARA
Telephone: 3103694277
Mailing Name: Not reported
Mailing Address: PO BOX 900, 99/450
Mailing City,St,Zip: BEVERLY HILLS, CA 90213
Gen County: Los Angeles
TSD EPA ID: CAD008302903
TSD County: Los Angeles
Tons: 0.05
CA Waste Code: 352-Other organic solids
Method: H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Los Angeles

Name: BATTLE OF THE SEXES
Address: 141 W AVE 34
City,State,Zip: LOS ANGELES, CA 90031
Year: 2016
GEPAID: CAL000416077
Contact: DONALD ISHIHARA
Telephone: 3103694277

BATTLE OF THE SEXES (Continued) **S121020358**

Mailing Name:	Not reported
Mailing Address:	PO BOX 900, 99/450
Mailing City,St,Zip:	BEVERLY HILLS, CA 90213
Gen County:	Los Angeles
TSD EPA ID:	CAD008302903
TSD County:	Los Angeles
Tons:	0.8
CA Waste Code:	291-Latex waste
Method:	H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	Los Angeles

A33 **HOTEL FOR DOGS** **HAZNET** **S112965979**
Target **3433 PASADENA AVE** **N/A**
Property **LOS ANGELES, CA 90031**

Site 33 of 37 in cluster A

Actual: **372 ft.**

HAZNET:

Name:	HOTEL FOR DOGS
Address:	3433 PASADENA AVE
City,State,Zip:	LOS ANGELES, CA 90031
Year:	2008
GEPAID:	CAC002623838
Contact:	MARTY GIBBONS
Telephone:	3232234400
Mailing Name:	Not reported
Mailing Address:	3100 UNIVERSAL PLAZA
Mailing City,St,Zip:	UNIVERSAL CITY, CA 91608
Gen County:	Los Angeles
TSD EPA ID:	CAD008252405
TSD County:	Los Angeles
Tons:	0.363
CA Waste Code:	212-Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Method:	H061-Fuel Blending Prior To Energy Recovery At Another Site
Facility County:	Los Angeles

Name:	HOTEL FOR DOGS
Address:	3433 PASADENA AVE
City,State,Zip:	LOS ANGELES, CA 90031
Year:	2008
GEPAID:	CAC002623838
Contact:	MARTY GIBBONS
Telephone:	3232234400
Mailing Name:	Not reported
Mailing Address:	3100 UNIVERSAL PLAZA
Mailing City,St,Zip:	UNIVERSAL CITY, CA 91608
Gen County:	Los Angeles
TSD EPA ID:	CAD008252405
TSD County:	Los Angeles
Tons:	1.8348
CA Waste Code:	133-Aqueous solution with total organic residues 10 percent or more
Method:	H061-Fuel Blending Prior To Energy Recovery At Another Site
Facility County:	Los Angeles

Name:	HOTEL FOR DOGS
Address:	3433 PASADENA AVE
City,State,Zip:	LOS ANGELES, CA 90031

HOTEL FOR DOGS (Continued) **S112965979**

Year:	2008
GEPAID:	CAC002623838
Contact:	MARTY GIBBONS
Telephone:	3232234400
Mailing Name:	Not reported
Mailing Address:	3100 UNIVERSAL PLAZA
Mailing City,St,Zip:	UNIVERSAL CITY, CA 91608
Gen County:	Los Angeles
TSD EPA ID:	CAD008252405
TSD County:	Los Angeles
Tons:	0.125
CA Waste Code:	352-Other organic solids
Method:	H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	Los Angeles

Name:	HOTEL FOR DOGS
Address:	3433 PASADENA AVE
City,State,Zip:	LOS ANGELES, CA 90031
Year:	2007
GEPAID:	CAC002623838
Contact:	MARTY GIBBONS
Telephone:	3232234400
Mailing Name:	Not reported
Mailing Address:	3100 UNIVERSAL PLAZA
Mailing City,St,Zip:	UNIVERSAL CITY, CA 91608
Gen County:	Los Angeles
TSD EPA ID:	CAD008252405
TSD County:	Los Angeles
Tons:	0.22935
CA Waste Code:	133-Aqueous solution with total organic residues 10 percent or more
Method:	H061-Fuel Blending Prior To Energy Recovery At Another Site
Facility County:	Los Angeles

A34 **WARNER BROS PICTURES INC HANGOVER 3** **RCRA NonGen / NLR** **1014387148**
Target **3433 PASADENA AVE** **CAR000206029**
Property **LOS ANGELES, CA 90031**

Site 34 of 37 in cluster A

Actual: **372 ft.**

RCRA NonGen / NLR:

Date form received by agency:	11/06/2012
Facility name:	WARNER BROS PICTURES INC HANGOVER 3
Facility address:	3433 PASADENA AVE LOS ANGELES, CA 90031
EPA ID:	CAR000206029
Mailing address:	4000 WARNER BLVD BURBANK, CA 91522
Contact:	JEFF EAGAN
Contact address:	4000 WARNER BLVD BURBANK, CA 91522
Contact country:	US
Contact telephone:	818-954-4248
Contact email:	SDOUGLAS@RINECO.COM
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

WARNER BROS PICTURES INC HANGOVER 3 (Continued) **1014387148**

Owner/Operator Summary:
- Owner/operator name: JEFF EGAN
- Owner/operator address: Not reported
  Not reported
- Owner/operator country: US
- Owner/operator telephone: Not reported
- Owner/operator email: Not reported
- Owner/operator fax: Not reported
- Owner/operator extension: Not reported
- Legal status: Private
- Owner/Operator Type: Operator
- Owner/Op start date: 07/17/2012
- Owner/Op end date: Not reported

- Owner/operator name: WARNER BROS PICTURES
- Owner/operator address: 4000 WARNER BLVD BLDG 133 RM 105
  BURBANK, CA 91522
- Owner/operator country: US
- Owner/operator telephone: 818-954-1880
- Owner/operator email: Not reported
- Owner/operator fax: Not reported
- Owner/operator extension: Not reported
- Legal status: Private
- Owner/Operator Type: Owner
- Owner/Op start date: 07/17/2012
- Owner/Op end date: Not reported

Handler Activities Summary:
- U.S. importer of hazardous waste: No
- Mixed waste (haz. and radioactive): No
- Recycler of hazardous waste: No
- Transporter of hazardous waste: No
- Treater, storer or disposer of HW: No
- Underground injection activity: No
- On-site burner exemption: No
- Furnace exemption: No
- Used oil fuel burner: No
- Used oil processor: No
- User oil refiner: No
- Used oil fuel marketer to burner: No
- Used oil Specification marketer: No
- Used oil transfer facility: No
- Used oil transporter: No

Historical Generators:
- Date form received by agency: 08/02/2012
- Site name: WARNER BROS H3
- Classification: Small Quantity Generator

- Date form received by agency: 05/13/2010
- Site name: BAD TEACHER CONSTRUCTION WAREHOUSE
- Classification: Not a generator, verified

- Date form received by agency: 03/05/2010
- Site name: BAD TEACHER CONSTRUCTION WAREHOUSE
- Classification: Small Quantity Generator

WARNER BROS PICTURES INC HANGOVER 3 (Continued) **1014387148**

Hazardous Waste Summary:

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

A35 **OLIVERS ARROW MOVIE SET** **HAZNET** **S112980656**
Target **135 W AVENUE 34** **N/A**
Property **LOS ANGELES, CA 90031**

Site 35 of 37 in cluster A

Actual:
372 ft.

HAZNET:

Name:	OLIVERS ARROW MOVIE SET
Address:	135 W AVENUE 34
City,State,Zip:	LOS ANGELES, CA 90031
Year:	2009
GEPAID:	CAC002646704
Contact:	BRIAN ROCK
Telephone:	3232271100
Mailing Name:	Not reported
Mailing Address:	1201 W 5TH ST STE F-300
Mailing City,St,Zip:	LOS ANGELES, CA 90017
Gen County:	Los Angeles
TSD EPA ID:	CAD044429835
TSD County:	Los Angeles
Tons:	0.1749
CA Waste Code:	331-Off-specification, aged or surplus organics
Method:	H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	Los Angeles

Name: OLIVERS ARROW MOVIE SET

OLIVERS ARROW MOVIE SET (Continued) **S112980656**

Address:	135 W AVENUE 34
City,State,Zip:	LOS ANGELES, CA 90031
Year:	2009
GEPAID:	CAC002646704
Contact:	BRIAN ROCK
Telephone:	3232271100
Mailing Name:	Not reported
Mailing Address:	1201 W 5TH ST STE F-300
Mailing City,St,Zip:	LOS ANGELES, CA 90017
Gen County:	Los Angeles
TSD EPA ID:	NVT330010000
TSD County:	99
Tons:	3.91563
CA Waste Code:	291-Latex waste
Method:	H039-Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Facility County:	Los Angeles

Name:	OLIVERS ARROW MOVIE SET
Address:	135 W AVENUE 34
City,State,Zip:	LOS ANGELES, CA 90031
Year:	2009
GEPAID:	CAC002646704
Contact:	BRIAN ROCK
Telephone:	3232271100
Mailing Name:	Not reported
Mailing Address:	1201 W 5TH ST STE F-300
Mailing City,St,Zip:	LOS ANGELES, CA 90017
Gen County:	Los Angeles
TSD EPA ID:	ARD981057870
TSD County:	99
Tons:	0.1749
CA Waste Code:	331-Off-specification, aged or surplus organics
Method:	H061-Fuel Blending Prior To Energy Recovery At Another Site
Facility County:	Los Angeles

Name:	OLIVERS ARROW MOVIE SET
Address:	135 W AVENUE 34
City,State,Zip:	LOS ANGELES, CA 90031
Year:	2009
GEPAID:	CAC002646704
Contact:	BRIAN ROCK
Telephone:	3232271100
Mailing Name:	Not reported
Mailing Address:	1201 W 5TH ST STE F-300
Mailing City,St,Zip:	LOS ANGELES, CA 90017
Gen County:	Los Angeles
TSD EPA ID:	ARD981057870
TSD County:	99
Tons:	0.345
CA Waste Code:	352-Other organic solids
Method:	H061-Fuel Blending Prior To Energy Recovery At Another Site
Facility County:	Los Angeles

Name:	OLIVERS ARROW MOVIE SET
Address:	135 W AVENUE 34
City,State,Zip:	LOS ANGELES, CA 90031

OLIVERS ARROW MOVIE SET (Continued) **S112980656**

Year:	2009
GEPAID:	CAC002646704
Contact:	BRIAN ROCK
Telephone:	3232271100
Mailing Name:	Not reported
Mailing Address:	1201 W 5TH ST STE F-300
Mailing City,St,Zip:	LOS ANGELES, CA 90017
Gen County:	Los Angeles
TSD EPA ID:	ARD981057870
TSD County:	99
Tons:	1.5912
CA Waste Code:	343-Unspecified organic liquid mixture
Method:	H061-Fuel Blending Prior To Energy Recovery At Another Site
Facility County:	Los Angeles

Click this hyperlink while viewing on your computer to access
1 additional CA_HAZNET: record(s) in the EDR Site Report.

A36 **DREAMWORKS PRODUCTION LLC/HOTEL FOR DOGS** **HAZNET** **S112970806**
Target **141 W AVENUE 34** **N/A**
Property **LOS ANGELES, CA 90031**

Site 36 of 37 in cluster A

Actual: **372 ft.**

HAZNET:

Name:	DREAMWORKS PRODUCTION LLC/HOTEL FOR DOGS
Address:	141 W AVENUE 34
City,State,Zip:	LOS ANGELES, CA 90031
Year:	2008
GEPAID:	CAC002631273
Contact:	KEVIN HOLCOLMB
Telephone:	8187330018
Mailing Name:	Not reported
Mailing Address:	100 UNIVERSAL CITY PLZ BLDG 413
Mailing City,St,Zip:	UNIVERSAL CITY, CA 916081002
Gen County:	Los Angeles
TSD EPA ID:	CAD008252405
TSD County:	Los Angeles
Tons:	0.085
CA Waste Code:	343-Unspecified organic liquid mixture
Method:	H061-Fuel Blending Prior To Energy Recovery At Another Site
Facility County:	Los Angeles

Name:	DREAMWORKS PRODUCTION LLC/HOTEL FOR DOGS
Address:	141 W AVENUE 34
City,State,Zip:	LOS ANGELES, CA 90031
Year:	2008
GEPAID:	CAC002631273
Contact:	KEVIN HOLCOLMB
Telephone:	8187330018
Mailing Name:	Not reported
Mailing Address:	100 UNIVERSAL CITY PLZ BLDG 413
Mailing City,St,Zip:	UNIVERSAL CITY, CA 916081002
Gen County:	Los Angeles
TSD EPA ID:	CAD008252405
TSD County:	Los Angeles
Tons:	0.22935
CA Waste Code:	133-Aqueous solution with total organic residues 10 percent or more

DREAMWORKS PRODUCTION LLC/HOTEL FOR DOGS (Continued) **S112970806**

Method: H061-Fuel Blending Prior To Energy Recovery At Another Site
Facility County: Los Angeles

A37 **FOX GONE GIRL** **HAZNET** **S118203371**
Target **3433 PASADENA AVE** **N/A**
Property **LOS ANGELES, CA 90031**

Site 37 of 37 in cluster A

Actual:
372 ft.

HAZNET:

Name: FOX GONE GIRL
Address: 3433 PASADENA AVE
City,State,Zip: LOS ANGELES, CA 900311929
Year: 2014
GEPAID: CAC002762588
Contact: GARY ASTEL
Telephone: 6262331194
Mailing Name: Not reported
Mailing Address: 3433 PASADENA AVE
Mailing City,St,Zip: LOS ANGELES, CA 900311929
Gen County: Los Angeles
TSD EPA ID: NED981723513
TSD County: 99
Tons: 0.1625
CA Waste Code: 223-Unspecified oil-containing waste
Method: H040-Incineration--Thermal Destruction Other Than Use As A Fuel
Facility County: Los Angeles

Name: FOX GONE GIRL
Address: 3433 PASADENA AVE
City,State,Zip: LOS ANGELES, CA 900311929
Year: 2014
GEPAID: CAC002762588
Contact: GARY ASTEL
Telephone: 6262331194
Mailing Name: Not reported
Mailing Address: 3433 PASADENA AVE
Mailing City,St,Zip: LOS ANGELES, CA 900311929
Gen County: Los Angeles
TSD EPA ID: CAD044429835
TSD County: Los Angeles
Tons: 0.4875
CA Waste Code: 291-Latex waste
Method: H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Los Angeles

38 **AMERICAN CASTER CORP** **HAZMAT** **S123542642**
157 W AVENUE 34 **N/A**
< 1/8 **LOS ANGELES, CA 90031**
1 ft.

LOS ANGELES HM:
Relative: Facility ID: FA0004412
Lower Last Run Date: 01/01/2019
Actual: Status: ACTIVE
365 ft.

---

39 **UST** **U004302165**
ENE **3445 PASADENA AVE** **N/A**
< 1/8 **LOS ANGELES, CA**
0.003 mi.
14 ft.

Relative: LOS ANGELES UST:
Higher Facility ID: Not reported
Actual: Last Run Date: 01/01/1900
379 ft. Status: HISTORICAL

---

40 **UST** **U004302105**
SE **3360 PASADENA AVE** **N/A**
< 1/8 **LOS ANGELES, CA**
0.010 mi.
52 ft.

Relative: LOS ANGELES UST:
Higher Facility ID: Not reported
Actual: Last Run Date: 01/01/1900
379 ft. Status: HISTORICAL

B41 **WELCH'S UNIFORM RENTAL** **UST** **U004305364**
NNE **3505 N PASADENA AVE** **N/A**
< 1/8 **LOS ANGELES, CA 90031**
0.027 mi.
142 ft. **Site 1 of 7 in cluster B**

Relative: LOS ANGELES UST:
Lower Facility ID: FA0000909
Actual: Last Run Date: 01/01/2019
369 ft. Status: INACTIVE

B42
NNE
< 1/8
0.027 mi.
142 ft.

Relative:
Lower

Actual:
369 ft.

FORMER WELCH'S UNIFORM FACILITY
3505 PASADENA AVENUE
LOS ANGELES, CA 90031

Site 2 of 7 in cluster B

Database(s):
RCRA-LQG
ENVIROSTOR
LUST
CPS-SLIC
VCP
SWEEPS UST
HIST UST
CA FID UST
FINDS
ECHO
EMI
HIST CORTESE
CERS

EDR ID Number: 1000169742
EPA ID Number: CAD075309740

RCRA-LQG:

Date form received by agency:	05/22/2006
Facility name:	FORMER WELCHS UNIFORM SITE
Facility address:	3505 PASADENA AVENUE LOS ANGELES, CA 90031
EPA ID:	CAD075309740
Mailing address:	10801 WAYZATA BLVD MINNETONKA, MN 55305
Contact:	JOSEPH E PETER
Contact address:	10801 WAYZATA BLVD MINNETONKA, MN 55305
Contact country:	US
Contact telephone:	952-738-6661
Contact email:	JOE.PETER@AMERIPRIDE.ORG
EPA Region:	09
Classification:	Large Quantity Generator
Description:	Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name:	AMERIPRIDE SERVICES INC
Owner/operator address:	Not reported Not reported
Owner/operator country:	US
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	03/31/1989
Owner/Op end date:	Not reported
Owner/operator name:	AMERIPRIDE SERVICES INC
Owner/operator address:	10801 WAYZATA BLVD

FORMER WELCH'S UNIFORM FACILITY (Continued) **1000169742**

MINNETONKA, MN 55305
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 03/31/1989
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 08/22/1980
Site name: WELCH'S OVERALL CLEANING CO INC
Classification: Not a generator, verified

Hazardous Waste Summary:

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

ENVIROSTOR:
Name: FORMER WELCH'S UNIFORM FACILITY
Address: 3505 PASADENA AVENUE
City,State,Zip: LOS ANGELES, CA 90031
Facility ID: 60000636
Status: Active
Status Date: 05/25/2007
Site Code: 301314

FORMER WELCH'S UNIFORM FACILITY (Continued) **1000169742**

Site Type: Voluntary Cleanup
Site Type Detailed: Voluntary Cleanup
Acres: 2.6
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Lori Parnass
Supervisor: Juli Propes
Division Branch: Cleanup Chatsworth
Assembly: 51
Senate: 24
Special Program: Voluntary Cleanup Program
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 34.08559
Longitude: -118.2138
APN: 5205004010
Past Use: LAUNDRY SERVICES
Potential COC: Trichloroethylene (TCE
Confirmed COC: Trichloroethylene (TCE
Potential Description: OTH, SOIL, SV
Alias Name: 5205004010
Alias Type: APN
Alias Name: 110002657848
Alias Type: EPA (FRS #)
Alias Name: SL2044P1598
Alias Type: GeoTracker Global ID
Alias Name: T0603700785
Alias Type: GeoTracker Global ID
Alias Name: 301314
Alias Type: Project Code (Site Code)
Alias Name: 60000636
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 04/27/2012
Comments: Per letter from the Native American Heritage Commssion, dated 4/24/2012.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 06/08/2012
Comments: NOE document was filed and posted at the OPR (State Clearing House on 6/19/2012

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 09/02/2010
Comments: Completion of this report is tied up with the Additional Site Characterization and Baseline Health Risk Assessment Report (ASC-BHRA).

FORMER WELCH'S UNIFORM FACILITY (Continued) **1000169742**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/27/2007
Comments: Second Quarter Groundwater Sampling Results dated October 18, 2007 requires no revision.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/27/2007
Comments: No revision is needed to the Third Quarter Groundwater Sampling Results dated October 24, 2007

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 06/18/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/17/2008
Comments: DTSC determines the Semi-Annual 2008 Groundwater Monitoring and Sampling Report dated May 14, 2008 is adequate, and does not require revision.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/30/2009
Comments: DTSC does not require revivision of the report dated 2/10/2009.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 09/02/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Plan
Completed Date: 01/27/2011
Comments: The report dated August 6, 2010 requires no revision, hence final.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/27/2011
Comments: The report dated October 28, 2010 requires no revision, hence final.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/16/2011
Comments: DTSC determines the document dated June 2011 does not require

FORMER WELCH'S UNIFORM FACILITY (Continued) **1000169742**

revision. DTSC's geologist comments and issues will be addressed in succeeding reports.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/10/2012
Comments: DTSC determines that The Second Semi-Annual 2011 Groundwater and Soil Vapor Monitoring Report, dated November 2011 does not require revision.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 10/18/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 06/26/2012
Comments: Community Profile Report finalized and signed by PPS.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 09/06/2012
Comments: Public comment period between 9/6/2012 and 10/7/2012.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/15/2012
Comments: DTSC's geologist comments on the report, dated 7/9/2012 requires no revision.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/13/2013
Comments: continued monitoring on a semi annual schedule is required

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/23/2014
Comments: done

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedy Constructed: Operating Properly & Successfully
Completed Date: 05/11/2015
Comments: successful

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report

FORMER WELCH'S UNIFORM FACILITY (Continued) **1000169742**

Completed Date: 04/16/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 02/08/2015
Comments: done

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 11/14/2015
Comments: done

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/23/2016
Comments: done

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 07/29/2016
Comments: accepted

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/30/2016
Comments: done

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/30/2017
Comments: done

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Well Decommissioning Report
Completed Date: 05/25/2017
Comments: done

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 10/31/2013
Comments: continue monitoring

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 06/22/2018
Comments: concurrence

FORMER WELCH'S UNIFORM FACILITY (Continued) **1000169742**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/18/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 06/13/2007
Comments: The Voluntary Cleanup Agreement (Docket No. HSA-VCA 06/07-204) was signed by Sayareh Amir, Branch Chief, Southern California Cleanup Operations Branch - Glendale Office on 6/13/2007.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Consultation
Completed Date: 06/20/2007
Comments: The scoping meeting on 6/20/07 was attended by RP's environmental consultant: Jeffrey Otter, William Glenn, and Joseph Peter; and DTSC: Sayareh Amir - Branch Chief, Juli Oborne - Unit Chief, John Naginis - geologist, Cy Jeng - toxicologist, Yvette LaDuke - public participation specialist, Gerry Pollock - Senior Toxicologist, and Alberto Valmidiano - Project Manager.

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Removal Action Completion Report
Future Due Date: 2023
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Operations and Maintenance Plan
Future Due Date: 2025
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Operations and Maintenance Report
Future Due Date: 2026
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Certification
Future Due Date: 2026
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: 900310034
Status: Post remedial action monitoring
Substance: Hydrocarbons
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Groundwater

FORMER WELCH'S UNIFORM FACILITY (Continued) **1000169742**

Abatement Method Used at the Site:		Remove Free Product
Global ID:	T0603700785	
W Global ID:	Not reported	
Staff:	SLC	
Local Agency:	19050	
Cross Street:	PASADENA FREEWAY	
Enforcement Type:	Not reported	
Date Leak Discovered:	Not reported	
Date Leak First Reported:		12/22/1987
Date Leak Record Entered:	3/7/1988	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		8/1/1998
Date the Case was Closed:		Not reported
How Leak Discovered:	Subsurface Monitoring	
How Leak Stopped:	Not reported	
Cause of Leak:	Not reported	
Leak Source:	Not reported	
Operator:	Not reported	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		7971.810954967612009262194731
Source of Cleanup Funding:		Not reported
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		Not reported
Pollution Characterization Began:		7/12/1988
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		6/1/1990
Post Remedial Action Monitoring Began:		8/1/1998
Enforcement Action Date:		Not reported
Historical Max MTBE Date:		Not reported
Hist Max MTBE Conc in Groundwater:		Not reported
Hist Max MTBE Conc in Soil:		Not reported
Significant Interim Remedial Action Taken:		Yes
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	AMERIPRIDE SERVICE INC.	
RP Address:	47 S. NINTH ST., MINNEAPOLIS, MN 55402	
Program:	SLIC	
Lat/Long:	34.0858522 / -1	
Local Agency Staff:	PEJ	
Beneficial Use:	Not reported	
Priority:	LOP/HIGH - ADMINISTRATIVE (CLOSURE/SB2004/ENFORCEMENT)	
Cleanup Fund Id:	Not reported	
Suspended:	Not reported	
Assigned Name:	Not reported	
Summary:	8/13/98 - SUBMITTAL OF QTR GW SAMPL. RPT & SOIL REMEDIATION	

CPS-SLIC:

Site Name:	WELCH'S UNIFORM RENTAL(FORMER)
Region:	STATE
Facility Status:	**Open - Inactive**
Status Date:	01/28/2015
Global Id:	T0603700785
Lead Agency:	DEPARTMENT OF TOXIC SUBSTANCES CONTROL

FORMER WELCH'S UNIFORM FACILITY (Continued) **1000169742**

Lead Agency Case Number:	60000636
Latitude:	34.0858522
Longitude:	-118.2131913
Case Type:	Cleanup Program Site
Case Worker:	Not reported
Local Agency:	LOS ANGELES, CITY OF
RB Case Number:	Not reported
File Location:	DTSC
Potential Media Affected:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Other Solvent or Non-Petroleum Hydrocarbon
Site History:	Case transferred to DTSC on 12/18/06.

Click here to access the California GeoTracker records for this facility:

Site Name:	WELCHS UNIFORM RENTAL SITE (FORMER)
Region:	STATE
Facility Status:	**Open - Inactive**
Status Date:	12/08/2006
Global Id:	SL2044P1598
Lead Agency:	DEPARTMENT OF TOXIC SUBSTANCES CONTROL
Lead Agency Case Number:	60000636
Latitude:	34.085949
Longitude:	-118.212176
Case Type:	Cleanup Program Site
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	Not reported
File Location:	DTSC
Potential Media Affected:	Not reported
Potential Contaminants of Concern:	Not reported
Site History:	Case transferred to DTSC on 12/18/06.

Click here to access the California GeoTracker records for this facility:

VCP:

Facility ID:	60000636
Site Type:	Voluntary Cleanup
Site Type Detail:	Voluntary Cleanup
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	2.6
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Lori Parnass
Supervisor:	Juli Propes
Division Branch:	Cleanup Chatsworth
Site Code:	301314
Assembly:	51
Senate:	24
Special Programs Code:	Voluntary Cleanup Program
Status:	Active
Status Date:	05/25/2007
Restricted Use:	NO
Funding:	Responsible Party
Lat/Long:	34.08559 / -118.2138
APN:	5205004010

FORMER WELCH'S UNIFORM FACILITY (Continued) **1000169742**

Past Use:	LAUNDRY SERVICES
Potential COC:	30027
Confirmed COC:	30027
Potential Description:	OTH, SOIL, SV
Alias Name:	5205004010
Alias Type:	APN
Alias Name:	110002657848
Alias Type:	EPA (FRS #)
Alias Name:	SL2044P1598
Alias Type:	GeoTracker Global ID
Alias Name:	T0603700785
Alias Type:	GeoTracker Global ID
Alias Name:	301314
Alias Type:	Project Code (Site Code)
Alias Name:	60000636
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	CEQA - Notice of Exemption
Completed Date:	04/27/2012
Comments:	Per letter from the Native American Heritage Commssion, dated 4/24/2012.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	CEQA - Notice of Exemption
Completed Date:	06/08/2012
Comments:	NOE document was filed and posted at the OPR (State Clearing House on 6/19/2012
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Characterization Report
Completed Date:	09/02/2010
Comments:	Completion of this report is tied up with the Additional Site Characterization and Baseline Health Risk Assessment Report (ASC-BHRA).
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Monitoring Report
Completed Date:	12/27/2007
Comments:	Second Quarter Groundwater Sampling Results dated October 18, 2007 requires no revision.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Monitoring Report
Completed Date:	12/27/2007
Comments:	No revision is needed to the Third Quarter Groundwater Sampling Results dated October 24, 2007
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Characterization Workplan
Completed Date:	06/18/2008

FORMER WELCH'S UNIFORM FACILITY (Continued) **1000169742**

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/17/2008
Comments: DTSC determines the Semi-Annual 2008 Groundwater Monitoring and Sampling Report dated May 14, 2008 is adequate, and does not require revision.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/30/2009
Comments: DTSC does not require revivision of the report dated 2/10/2009.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 09/02/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Plan
Completed Date: 01/27/2011
Comments: The report dated August 6, 2010 requires no revision, hence final.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/27/2011
Comments: The report dated October 28, 2010 requires no revision, hence final.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/16/2011
Comments: DTSC determines the document dated June 2011 does not require revision. DTSC's geologist comments and issues will be addressed in succeeding reports.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/10/2012
Comments: DTSC determines that The Second Semi-Annual 2011 Groundwater and Soil Vapor Monitoring Report, dated November 2011 does not require revision.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 10/18/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE

FORMER WELCH'S UNIFORM FACILITY (Continued) **1000169742**

Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 06/26/2012
Comments: Community Profile Report finalized and signed by PPS.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 09/06/2012
Comments: Public comment period between 9/6/2012 and 10/7/2012.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/15/2012
Comments: DTSC's geologist comments on the report, dated 7/9/2012 requires no revision.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/13/2013
Comments: continued monitoring on a semi annual schedule is required

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/23/2014
Comments: done

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedy Constructed: Operating Properly & Successfully
Completed Date: 05/11/2015
Comments: successful

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/16/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 02/08/2015
Comments: done

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 11/14/2015
Comments: done

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report

FORMER WELCH'S UNIFORM FACILITY (Continued) **1000169742**

Completed Date: 07/23/2016
Comments: done

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 07/29/2016
Comments: accepted

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/30/2016
Comments: done

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/30/2017
Comments: done

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Well Decommissioning Report
Completed Date: 05/25/2017
Comments: done

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 10/31/2013
Comments: continue monitoring

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 06/22/2018
Comments: concurrence

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/18/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 06/13/2007
Comments: The Voluntary Cleanup Agreement (Docket No. HSA-VCA 06/07-204) was signed by Sayareh Amir, Branch Chief, Southern California Cleanup Operations Branch - Glendale Office on 6/13/2007.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Consultation
Completed Date: 06/20/2007

FORMER WELCH'S UNIFORM FACILITY (Continued) **1000169742**

Comments: The scoping meeting on 6/20/07 was attended by RP's environmental consultant: Jeffrey Otter, William Glenn, and Joseph Peter; and DTSC: Sayareh Amir - Branch Chief, Juli Oborne - Unit Chief, John Naginis - geologist, Cy Jeng - toxicologist, Yvette LaDuke - public participation specialist, Gerry Pollock - Senior Toxicologist, and Alberto Valmidiano - Project Manager.

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Removal Action Completion Report
Future Due Date: 2023
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Operations and Maintenance Plan
Future Due Date: 2025
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Operations and Maintenance Report
Future Due Date: 2026
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Certification
Future Due Date: 2026
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

SWEEPS UST:
Status: Not reported
Comp Number: 939
Number: Not reported
Board Of Equalization: 44-011491
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-000939-000001
Tank Status: Not reported
Capacity: 2000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: DIESEL
Number Of Tanks: 10

Status: Not reported
Comp Number: 939
Number: Not reported
Board Of Equalization: 44-011491
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-000939-000002
Tank Status: Not reported

FORMER WELCH'S UNIFORM FACILITY (Continued) **1000169742**

Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 939
Number: Not reported
Board Of Equalization: 44-011491
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-000939-000003
Tank Status: Not reported
Capacity: 6000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: DIESEL
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 939
Number: Not reported
Board Of Equalization: 44-011491
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-000939-000004
Tank Status: Not reported
Capacity: 1000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: DIESEL
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 939
Number: Not reported
Board Of Equalization: 44-011491
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-000939-000005
Tank Status: Not reported
Capacity: 1700
Active Date: Not reported
Tank Use: OIL
STG: WASTE
Content: WASTE OIL
Number Of Tanks: Not reported

FORMER WELCH'S UNIFORM FACILITY (Continued) **1000169742**

Status:	Not reported
Comp Number:	939
Number:	Not reported
Board Of Equalization:	44-011491
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-050-000939-000006
Tank Status:	Not reported
Capacity:	3200
Active Date:	Not reported
Tank Use:	OIL
STG:	WASTE
Content:	WASTE OIL
Number Of Tanks:	Not reported

Status:	Not reported
Comp Number:	939
Number:	Not reported
Board Of Equalization:	44-011491
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-050-000939-000007
Tank Status:	Not reported
Capacity:	3590
Active Date:	Not reported
Tank Use:	CHEMICAL
STG:	PRODUCT
Content:	UNKNOWN
Number Of Tanks:	Not reported

Status:	Not reported
Comp Number:	939
Number:	Not reported
Board Of Equalization:	44-011491
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-050-000939-000008
Tank Status:	Not reported
Capacity:	1800
Active Date:	Not reported
Tank Use:	CHEMICAL
STG:	PRODUCT
Content:	UNKNOWN
Number Of Tanks:	Not reported

Status:	Not reported
Comp Number:	939
Number:	Not reported
Board Of Equalization:	44-011491
Referral Date:	Not reported
Action Date:	Not reported

FORMER WELCH'S UNIFORM FACILITY (Continued) **1000169742**

Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-000939-000009
Tank Status: Not reported
Capacity: 800
Active Date: Not reported
Tank Use: OIL
STG: WASTE
Content: WASTE OIL
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 939
Number: Not reported
Board Of Equalization: 44-011491
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-000939-000010
Tank Status: Not reported
Capacity: 7200
Active Date: Not reported
Tank Use: CHEMICAL
STG: PRODUCT
Content: UNKNOWN
Number Of Tanks: Not reported

HIST UST:
File Number: 000286CB
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000286CB.pdf
Region: STATE
Facility ID: 00000008008
Facility Type: Other
Other Type: Not reported
Contact Name: JACK ENGLISH
Telephone: 2132256171
Owner Name: WELCH'S OVERALL CLEANING CO.,
Owner Address: 3505 PASADENA AVE.
Owner City,St,Zip: LOS ANGELES, CA 90031
Total Tanks: 0010

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00002000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 002
Container Num: 2
Year Installed: Not reported
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: REGULAR

FORMER WELCH'S UNIFORM FACILITY (Continued) **1000169742**

Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 003
Container Num: 3
Year Installed: Not reported
Tank Capacity: 00006000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 004
Container Num: 4
Year Installed: Not reported
Tank Capacity: 00001000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 005
Container Num: 5
Year Installed: Not reported
Tank Capacity: 00001700
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: 6
Leak Detection: Visual

Tank Num: 006
Container Num: 6
Year Installed: Not reported
Tank Capacity: 00003200
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: 6
Leak Detection: Visual

Tank Num: 007
Container Num: 7
Year Installed: Not reported
Tank Capacity: 00003590
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 6
Leak Detection: Visual

Tank Num: 008
Container Num: 8
Year Installed: Not reported
Tank Capacity: 00001800
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 6
Leak Detection: None

FORMER WELCH'S UNIFORM FACILITY (Continued) **1000169742**

Tank Num:	009
Container Num:	9
Year Installed:	Not reported
Tank Capacity:	00000800
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	6
Leak Detection:	Visual

Tank Num:	010
Container Num:	10
Year Installed:	Not reported
Tank Capacity:	00007200
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	6
Leak Detection:	Visual

Click here for Geo Tracker PDF:

CA FID UST:

Facility ID:	19001529
Regulated By:	UTNKI
Regulated ID:	00008008
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2132256171
Mail To:	Not reported
Mailing Address:	3505 PASADENA AVE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	LOS ANGELES 900310000
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Inactive

FINDS:

Registry ID: 110002657848

Environmental Interest/Information System

California Department of Toxic Substances Control EnviroStor System (DTSC-EnviroStor) is an online search and Geographic Information System (GIS) tool for identifying sites that have known contamination or sites for which there may be reasons to investigate further. The EnviroStor database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport,

FORMER WELCH'S UNIFORM FACILITY (Continued) **1000169742**

and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000169742
Registry ID:	110002657848
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002657848

EMI:

Year:	2014
County Code:	19
Air Basin:	SC
Facility ID:	173145
Air District Name:	SC
SIC Code:	7213
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.00011451474377
Reactive Organic Gases Tons/Yr:	8e-005
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

HIST CORTESE:

edr_fname:	WELCH'S UNIFORM RENTAL(FO
edr_fadd1:	3505 PASADENA
City,State,Zip:	LOS ANGELES, CA 90031
Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	900310034

CERS TANKS:

Site ID:	514549
CERS ID:	110070060387
Site Name:	AMERIPRIDE SERVICES INC
CERS Description:	US EPA Air Emission Inventory System (EIS)
Site ID:	242438
CERS ID:	T0603700785
Site Name:	WELCH'S UNIFORM RENTAL(FORMER)
CERS Description:	Cleanup Program Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	ELOY LUNA - LOS ANGELES, CITY OF
Entity Title:	Not reported
Affiliation Address:	200 North Main Street, Suite 1780

FORMER WELCH'S UNIFORM FACILITY (Continued) **1000169742**

Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Site ID:	190608
CERS ID:	SL2044P1598
Site Name:	WELCHS UNIFORM RENTAL SITE (FORMER)
CERS Description:	Cleanup Program Site

B43 **WELCH OVERALL CLEANING CO** **DRYCLEANERS** **S121697036**
NNE **3505 PASADENA AVE** **N/A**
< 1/8 **LOS ANGELES, CA 90031**
0.027 mi.
142 ft. **Site 3 of 7 in cluster B**

Relative: **Lower**

Actual: **369 ft.**

DRYCLEAN SOUTH COAST:

Facility ID:	2324
Application Number:	A53114
Permit Number:	P37579
Status:	O
Representative Name:	UNKNOWN UNKNOWN
Representative Telephone:	213 2156171
Permit Status:	INACTIVE
BCAT Number:	000234
BCAT Description:	DRY CLEANING EQUIP PERCHLOROETHYLENE
CCAT Number:	02
CCAT Description:	ADSORBER (DRY CLEANING) REGENERATIVE
UTM East:	388.20001221
UTM North:	3772.1000977

Facility ID:	2324
Application Number:	A61766
Permit Number:	P44209
Status:	O
Representative Name:	UNKNOWN UNKNOWN
Representative Telephone:	213 2156171
Permit Status:	INACTIVE
BCAT Number:	000234
BCAT Description:	DRY CLEANING EQUIP PERCHLOROETHYLENE
CCAT Number:	02
CCAT Description:	ADSORBER (DRY CLEANING) REGENERATIVE
UTM East:	388.20001221
UTM North:	3772.1000977

B44 **WELCH'S UNIFORM RENTAL** **HAZMAT** **S123541611**
NNE **3505 N PASADENA AVE** **N/A**
< 1/8 **LOS ANGELES, CA 90031**
0.027 mi.
142 ft. **Site 4 of 7 in cluster B**

Relative: LOS ANGELES HM:
Lower Facility ID: FA0000909
Actual: Last Run Date: 01/01/2019
369 ft. Status: ACTIVE

B45 **WELCHS OVERALL LAUNDRY** **EDR Hist Cleaner** **1009186851**
NNE **3505 PASADENA AVENUE TER** **N/A**
< 1/8 **LOS ANGELES, CA**
0.027 mi.
142 ft. **Site 5 of 7 in cluster B**

Relative: EDR Hist Cleaner
Lower

Actual:
369 ft.

Year:	Name:	Type:
1924	WELCHS OVERALL LAUNDRY	LAUNDRIES
1987	WELCHS OVERALL CLEANING CO	Linen Supply

B46 **UST** **U004302191**
NNE **3505 PASADENA AVE** **N/A**
< 1/8 **LOS ANGELES, CA**
0.027 mi.
142 ft. **Site 6 of 7 in cluster B**

Relative: LOS ANGELES UST:
Lower Facility ID: Not reported
Actual: Last Run Date: 01/01/1900
369 ft. Status: HISTORICAL

B47 **WELCH UNIFORM** **CPS-SLIC** **S105119569**
NNE **3505 PASADENA** **N/A**
< 1/8 **LOS ANGELES, CA 90031**
0.027 mi.
142 ft. **Site 7 of 7 in cluster B**

Relative: SLIC REG 4:
Lower Region: 4
Actual: Facility Status: Site Assessment
369 ft. SLIC: 0833
Substance: VOCs
Staff: DY

C48 **CALIFORNIA DEPARTMENT OF FOOD & AGRICULTURE** **RCRA NonGen / NLR** **1024860308**
West **403 W AVE 33** **CAL000428560**
< 1/8 **LINCOLN HEIGHTS, CA 90031**
0.040 mi.
213 ft. **Site 1 of 5 in cluster C**

Relative:
Lower

Actual:
350 ft.

RCRA NonGen / NLR:

Date form received by agency:	06/19/2017
Facility name:	CALIFORNIA DEPARTMENT OF FOOD & AGRICULTURE
Facility address:	403 W AVE 33 LINCOLN HEIGHTS, CA 90031
EPA ID:	CAL000428560
Contact:	CELESTINA GALINDO
Contact address:	403 W AVE 33 LINCOLN HEIGHTS, CA 90031
Contact country:	Not reported
Contact telephone:	818-652-3762
Contact email:	TINAGALINDO@CDFA.CA.GOV
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	CALIFORNIA DEPT OF FOOD & AGRI
Owner/operator address:	2800 GATEWAY OAKS DRIVE 2ND FLOOR SACRAMENTO, CA 95833
Owner/operator country:	Not reported
Owner/operator telephone:	916-654-0466
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	CELESTINA GALINDO
Owner/operator address:	403 W AVE 33 LINCOLN HEIGHTS, CA 90031
Owner/operator country:	Not reported
Owner/operator telephone:	818-652-3762
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	Yes
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No

CALIFORNIA DEPARTMENT OF FOOD & AGRICULTURE (Continued) **1024860308**

Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Violation Status: No violations found

C49 **SOUTHERN CALIFORNIA GAS CO LINE 765 BRIDGE RECEIVE** **RCRA-LQG** **1016674907**
West **403 W AVENUE 33** **FINDS** **CAR000245134**
< 1/8 **LOS ANGELES, CA 90031** **ECHO**
0.040 mi.
213 ft. **Site 2 of 5 in cluster C**

Relative:
Lower

Actual:
350 ft.

RCRA-LQG:

Date form received by agency:	04/10/2014
Facility name:	SOUTHERN CALIFORNIA GAS CO LINE 765 BRIDGE RECEIVER
Facility address:	403 W AVENUE 33 LOS ANGELES, CA 90031
EPA ID:	CAR000245134
Mailing address:	8101 S ROSEMEAD BLVD ATTN NANCY LEE SC721A PICO RIVERA, CA 90660
Contact:	NANCY B LEE
Contact address:	8101 S ROSEMEAD BLVD ATTN NANCY LEE SC721A PICO RIVERA, CA 90660
Contact country:	US
Contact telephone:	562-806-4419
Contact email:	NLEE2@SEMPRAUTILITIES.COM
EPA Region:	09
Classification:	Large Quantity Generator
Description:	Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name:	SOUTHERN CALIFORNIA GAS CO
Owner/operator address:	Not reported Not reported
Owner/operator country:	US
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	10/24/1959

SOUTHERN CALIFORNIA GAS CO LINE 765 BRIDGE RECEIVER (Continued) **1016674907**

Owner/Op end date: Not reported

Owner/operator name: MERGER ARTHUR AND DOLORES MERGER FAMILY
Owner/operator address: 403 W AVENUE 33
LOS ANGELES, CA 90031
Owner/operator country: US
Owner/operator telephone: 323-864-8092
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 06/23/1997
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Hazardous Waste Summary:

. Waste code: 122
. Waste name: Alkaline solution without metals (pH > 12.5)

. Waste code: 133
. Waste name: Aqueous solution with 10% or more total organic residues

. Waste code: 134
. Waste name: Aqueous solution with <10% total organic residues

. Waste code: 151
. Waste name: Asbestos-containing waste

. Waste code: 181
. Waste name: Other inorganic solid waste

. Waste code: 213
. Waste name: Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)

. Waste code: 221
. Waste name: Waste oil and mixed oil

. Waste code: 223

SOUTHERN CALIFORNIA GAS CO LINE 765 BRIDGE RECEIVER (Continued) **1016674907**

. Waste name: Unspecified oil-containing waste

. Waste code: 261
. Waste name: Polychlorinated biphenyls and material containing PCB's

. Waste code: 331
. Waste name: Off-specification, aged, or surplus organics

. Waste code: 343
. Waste name: Unspecified organic liquid mixture

. Waste code: 352
. Waste name: Other organic solids

. Waste code: 611
. Waste name: Contaminated soil from site clean-ups

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D005
. Waste name: BARIUM

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

. Waste code: D018
. Waste name: BENZENE

Violation Status: No violations found

FINDS:

Registry ID: 110059663911

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA

SOUTHERN CALIFORNIA GAS CO LINE 765 BRIDGE RECEIVER (Continued) **1016674907**

program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1016674907
Registry ID: 110059663911
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110059663911

C50 **CALIF DEPT OF FOOD & AGRICULTURE** **HAZMAT** **S123552220**
West **403 W AVENUE 33** **N/A**
< 1/8 **LOS ANGELES, CA 90031**
0.040 mi.
213 ft. **Site 3 of 5 in cluster C**

Relative:
Lower

Actual:
350 ft.

LOS ANGELES HM:
Facility ID: FA0037633
Last Run Date: 01/01/2019
Status: ACTIVE

C51 **CALIFORNIA DEPARTMENT OF FOOD & AGRICULTURE** **CERS HAZ WASTE** **S123520672**
West **403 W AVENUE 33** **CERS** **N/A**
< 1/8 **LOS ANGELES, CA 90031**
0.040 mi.
213 ft. **Site 4 of 5 in cluster C**

Relative:
Lower

Actual:
350 ft.

CERS HAZ WASTE:
Site ID: 433945
CERS ID: 10756561
CERS Description: Hazardous Waste Generator

Violations:
Site ID: 433945
Site Name: California Department of Food & Agriculture
Violation Date: 10-18-2017
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 10/09/2018. OBSERVATION: [DESCRIBE CONTAINER] of [HAZARDOUS WASTE] located in the [LOCATION] was observed without the following information on the label: [LIST MISSING INFORMATION]. CORRECTIVE ACTION: Submit photos to the CUPA demonstrating that the container listed above has been properly labeled.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

CALIFORNIA DEPARTMENT OF FOOD & AGRICULTURE (Continued) **S123520672**

Evaluation:

Eval General Type:	Other/Unknown
Eval Date:	10-09-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	violation corrected
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-18-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	YESICA TORRES, SUPERVISOR
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS

Coordinates:

Site ID:	433945
Facility Name:	California Department of Food & Agriculture
Env Int Type Code:	HMBP
Program ID:	10756561
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.
Latitude:	34.084860
Longitude:	-118.216380

Affiliation:

Affiliation Type Desc:	CUPA District
Entity Name:	Los Angeles City Fire Department
Entity Title:	Not reported
Affiliation Address:	200 North Main Street, Room 1780
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90012
Affiliation Phone:	(213) 978-3680

Affiliation Type Desc:	Document Preparer
Entity Name:	Bibiana Martinez
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Environmental Contact
Entity Name:	Celestina Galindo
Entity Title:	Not reported
Affiliation Address:	403 West Avenue 33
Affiliation City:	Los Angeles
Affiliation State:	CA

CALIFORNIA DEPARTMENT OF FOOD & AGRICULTURE (Continued) **S123520672**

Affiliation Country:	Not reported
Affiliation Zip:	90031
Affiliation Phone:	Not reported
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	403 West Avenue 33
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90031
Affiliation Phone:	Not reported
Affiliation Type Desc:	Parent Corporation
Entity Name:	STATE OF CALIF - DEPT OF FOOD & AGR
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Property Owner
Entity Name:	Jennifer Mercer
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	United States
Affiliation Zip:	Not reported
Affiliation Phone:	(323) 864-8092
Affiliation Type Desc:	Legal Owner
Entity Name:	State Of California-Department Of Food and Agriculture
Entity Title:	Not reported
Affiliation Address:	403 West Avenue 33
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90031
Affiliation Phone:	(818) 901-0719
Affiliation Type Desc:	Operator
Entity Name:	Celestina Galindo
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(818) 901-0719
Affiliation Type Desc:	Identification Signer
Entity Name:	Bibiana Martinez
Entity Title:	Agricultural Technician II PI

CALIFORNIA DEPARTMENT OF FOOD & AGRICULTURE (Continued) **S123520672**

Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

CERS TANKS:
Site ID: 433945
CERS ID: 10756561
Site Name: CALIFORNIA DEPARTMENT OF FOOD & AGRICULTURE
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 433945
Site Name: California Department of Food & Agriculture
Violation Date: 10-18-2017
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 10/09/2018. OBSERVATION: [DESCRIBE CONTAINER] of [HAZARDOUS WASTE] located in the [LOCATION] was observed without the following information on the label: [LIST MISSING INFORMATION]. CORRECTIVE ACTION: Submit photos to the CUPA demonstrating that the container listed above has been properly labeled.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 10-09-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: violation corrected
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-18-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: YESICA TORRES, SUPERVISOR
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Coordinates:
Site ID: 433945

CALIFORNIA DEPARTMENT OF FOOD & AGRICULTURE (Continued) **S123520672**

Facility Name: California Department of Food & Agriculture
Env Int Type Code: HMBP
Program ID: 10756561
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 34.084860
Longitude: -118.216380

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Los Angeles City Fire Department
Entity Title: Not reported
Affiliation Address: 200 North Main Street, Room 1780
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90012
Affiliation Phone: (213) 978-3680

Affiliation Type Desc: Document Preparer
Entity Name: Bibiana Martinez
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: Celestina Galindo
Entity Title: Not reported
Affiliation Address: 403 West Avenue 33
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90031
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 403 West Avenue 33
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90031
Affiliation Phone: Not reported

Affiliation Type Desc: Parent Corporation
Entity Name: STATE OF CALIF - DEPT OF FOOD & AGR
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported

CALIFORNIA DEPARTMENT OF FOOD & AGRICULTURE (Continued) **S123520672**

Affiliation Phone:	Not reported
Affiliation Type Desc:	Property Owner
Entity Name:	Jennifer Mercer
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	United States
Affiliation Zip:	Not reported
Affiliation Phone:	(323) 864-8092
Affiliation Type Desc:	Legal Owner
Entity Name:	State Of California-Department Of Food and Agriculture
Entity Title:	Not reported
Affiliation Address:	403 West Avenue 33
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90031
Affiliation Phone:	(818) 901-0719
Affiliation Type Desc:	Operator
Entity Name:	Celestina Galindo
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(818) 901-0719
Affiliation Type Desc:	Identification Signer
Entity Name:	Bibiana Martinez
Entity Title:	Agricultural Technician II PI
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

C52 **CALIF DEPT OF FOOD & AGRICULTURE** **UST** **U004307965**
West **403 W AVENUE 33** **N/A**
< 1/8 **LOS ANGELES, CA 90031**
0.040 mi.
213 ft. **Site 5 of 5 in cluster C**

Relative: LOS ANGELES UST:
Lower

Facility ID:	FA0037633
Last Run Date:	01/01/2019
Status:	INACTIVE

Actual:
350 ft.

D53 **RUSSING ENGINEERING** **RCRA-SQG** **1000382346**
SSW **211 W AVE 33** **FINDS** **CAD981368152**
< 1/8 **LOS ANGELES, CA 90031** **ECHO**
0.047 mi.
246 ft. **Site 1 of 4 in cluster D**

Relative:
Lower

Actual:
360 ft.

RCRA-SQG:

Date form received by agency:	01/23/1986
Facility name:	RUSSING ENGINEERING
Facility address:	211 W AVE 33 LOS ANGELES, CA 90031
EPA ID:	CAD981368152
Contact:	ENVIRONMENTAL MANAGER
Contact address:	211 W AVE 33 LOS ANGELES, CA 90031
Contact country:	US
Contact telephone:	213-221-3370
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	NOT REQUIRED
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	415-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	CARLA RUSSING
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	415-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No

RUSSING ENGINEERING (Continued) **1000382346**

Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Violation Status: No violations found

FINDS:

Registry ID: 110002682428

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000382346
Registry ID:	110002682428
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002682428

D54 **RUSSING ENGINEERING, INC** **HAZMAT** **S123542641**
SSW **211 W AVENUE 33** **N/A**
< 1/8 **LOS ANGELES, CA 90031**
0.047 mi.
246 ft. **Site 2 of 4 in cluster D**

Relative: LOS ANGELES HM:
Lower

Facility ID:	FA0004411
Last Run Date:	01/01/2019
Status:	ACTIVE

Actual:
360 ft.

D55 **ADIN OF CALIFORNIA** **RCRA NonGen / NLR** **1024813084**
South **119 W AVENUE 33** **CAL000302446**
< 1/8 **LOS ANGELES, CA 90031**
0.047 mi.
248 ft. **Site 3 of 4 in cluster D**

Relative: RCRA NonGen / NLR:
Lower

Date form received by agency:	01/20/2006
Facility name:	ADIN OF CALIFORNIA
Facility address:	119 W AVENUE 33

Actual:
363 ft.

ADIN OF CALIFORNIA (Continued) **1024813084**

LOS ANGELES, CA 90031-1865
EPA ID: CAL000302446
Contact: ARA ASSILIAN
Contact address: 119 W AVENUE 33
LOS ANGELES, CA 90031-1865
Contact country: Not reported
Contact telephone: 323-227-8400
Contact email: ARA@ADINOFCALIFORNIA.COM
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: ARA H ASSILIAN
Owner/operator address: 119 W AVENUE 33
LOS ANGELES, CA 90031
Owner/operator country: Not reported
Owner/operator telephone: 323-227-8700
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: ARA ASSILIAN
Owner/operator address: 119 W AVENUE 33
LOS ANGELES, CA 90031
Owner/operator country: Not reported
Owner/operator telephone: 323-227-8400
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: Yes
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

ADIN OF CALIFORNIA (Continued) **1024813084**

Violation Status: No violations found

D56 **ADIN OF CALIFORNIA** **RCRA-SQG** **1010313933**
South **119 W AVE 33** **CAR000179895**
< 1/8 **LOS ANGELES, CA 90031**
0.047 mi.
248 ft. **Site 4 of 4 in cluster D**

Relative:
Lower

Actual:
363 ft.

RCRA-SQG:

Date form received by agency:	10/11/2006
Facility name:	ADIN OF CALIFORNIA
Facility address:	119 W AVE 33 LOS ANGELES, CA 90031
EPA ID:	CAR000179895
Contact:	ARA ASSILIAN
Contact address:	119 W AVE 33 LOS ANGELES, CA 90031
Contact country:	US
Contact telephone:	323-222-8400
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	ADIN OF CALIF
Owner/operator address:	Not reported Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	01/01/1990
Owner/Op end date:	Not reported

Owner/operator name:	ADIN OF CALIF
Owner/operator address:	Not reported Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/1990
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No

ADIN OF CALIFORNIA (Continued) **1010313933**

Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Hazardous Waste Summary:

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D018
. Waste name: BENZENE

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: D040
. Waste name: TRICHLORETHYLENE

Violation Status: No violations found

E57 **JS AUTOBODY** **RCRA-SQG** **1001459737**
WSW **315 W AVE 33** **FINDS** **CAR000049163**
< 1/8 **LOS ANGELES, CA 90031** **ECHO**
0.048 mi. **HAZNET**
253 ft. **Site 1 of 4 in cluster E**

Relative: **Lower**
Actual: **358 ft.**

RCRA-SQG:

Date form received by agency:	02/19/1999
Facility name:	JS AUTOBODY
Facility address:	315 W AVE 33 LOS ANGELES, CA 90031
EPA ID:	CAR000049163
Contact:	MIKE MARTINEZ
Contact address:	315 W AVE 33 LOS ANGELES, CA 90031
Contact country:	US
Contact telephone:	323-223-4298
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	MIKE MARTINEZ

JS AUTOBODY (Continued) **1001459737**

Owner/operator address: 315 W AVE 33
LOS ANGELES, CA 90031
Owner/operator country: Not reported
Owner/operator telephone: 323-223-4298
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Hazardous Waste Summary:

. Waste code: D001
. Waste name: IGNITABLE WASTE

Violation Status: No violations found

FINDS:

Registry ID: 110002926503

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1001459737
Registry ID: 110002926503
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002926503

JS AUTOBODY (Continued) **1001459737**

HAZNET:

Name:	JS AUTOBODY
Address:	315 W AVE 33
City,State,Zip:	LOS ANGELES, CA 900310000
Year:	1999
GEPAID:	CAR000049163
Contact:	Not reported
Telephone:	0000000000
Mailing Name:	Not reported
Mailing Address:	315 W AVE 33
Mailing City,St,Zip:	LOS ANGELES, CA 900310000
Gen County:	Los Angeles
TSD EPA ID:	CAD008252405
TSD County:	Los Angeles
Tons:	0.374
CA Waste Code:	343-Unspecified organic liquid mixture
Method:	R01-Recycler
Facility County:	Los Angeles

E58 **G/G AIR CONDITIONING INC** **SWEEPS UST** **S101587671**
WSW **311 W AVENUE 33** **CA FID UST** **N/A**
< 1/8 **LOS ANGELES, CA 90031**
0.050 mi.
264 ft. **Site 2 of 4 in cluster E**

Relative:
Lower

Actual:
359 ft.

SWEEPS UST:

Status:	Active
Comp Number:	4739
Number:	1
Board Of Equalization:	Not reported
Referral Date:	02-25-93
Action Date:	02-25-93
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	Not reported
Tank Status:	Not reported
Capacity:	Not reported
Active Date:	Not reported
Tank Use:	Not reported
STG:	Not reported
Content:	Not reported
Number Of Tanks:	Not reported

CA FID UST:

Facility ID:	19055875
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2130000000
Mail To:	Not reported
Mailing Address:	311 W AVENUE 33
Mailing Address 2:	Not reported
Mailing City,St,Zip:	LOS ANGELES 900310000
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported

G/G AIR CONDITIONING INC (Continued) **S101587671**

NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

E59 **G & G AIR CONDITIONING** **UST** **U004306170**
WSW **311 W AVENUE 33** **N/A**
< 1/8 **LOS ANGELES, CA 90031**
0.050 mi.
264 ft. **Site 3 of 4 in cluster E**

Relative: LOS ANGELES UST:
Lower
Facility ID: FA0012151
Actual: Last Run Date: 01/01/2019
359 ft. Status: INACTIVE

E60 **G & G AIR CONDITIONING** **HAZMAT** **S123545445**
WSW **311 W AVENUE 33** **N/A**
< 1/8 **LOS ANGELES, CA 90031**
0.050 mi.
264 ft. **Site 4 of 4 in cluster E**

Relative: LOS ANGELES HM:
Lower
Facility ID: FA0012151
Actual: Last Run Date: 01/01/2019
359 ft. Status: ACTIVE

F61 **SMITH W P** **EDR Hist Cleaner** **1009187478**
NE **3500 PASADENA AVENUE TER** **N/A**
< 1/8 **LOS ANGELES, CA**
0.061 mi.
321 ft. **Site 1 of 4 in cluster F**

Relative: EDR Hist Cleaner
Higher

Actual: Year: Name: Type:
372 ft. 1924 SMITH W P CLOTHES CLEANERS PRESSERS AND DYERS

F62 **CHUY CARBURATORS** **HAZMAT** **S123544073**
NE **3500 N PASADENA AVE** **N/A**
< 1/8 **LOS ANGELES, CA 90031**
0.061 mi.
321 ft. **Site 2 of 4 in cluster F**

Relative: LOS ANGELES HM:
Higher
Facility ID: FA0008231
Actual: Last Run Date: 01/01/2019
372 ft. Status: ACTIVE

G63 **LA DWP - DISTRIBUTION STATION - 36** **HAZMAT** **S123546808**
NNW **3436 N MARMION WY** **N/A**
< 1/8 **LOS ANGELES, CA 90065**
0.064 mi.
339 ft. **Site 1 of 2 in cluster G**

Relative: LOS ANGELES HM:
Lower
Facility ID: FA0017004
Actual: Last Run Date: 01/01/2019
363 ft. Status: ACTIVE

G64 **DISTRIBUTING STATION 36** **AST** **A100419465**
NNW **3436 MARMION WAY** **N/A**
< 1/8 **LOS ANGELES, CA 90065**
0.064 mi.
339 ft. **Site 2 of 2 in cluster G**

Relative: AST:
Lower
Certified Unified Program Agencies: Not reported
Actual: Owner: Los Angeles Department of Water and Power
363 ft. Total Gallons: Not reported
CERSID: 10030132
Facility ID: 19-051-017004
Business Name: Los Angeles Department of Water and Power
Phone: 213-367-7172
Fax: Not reported
Mailing Address: 111 N. Hope St. Room 1050
Mailing Address City: Los Angeles
Mailing Address State: CA
Mailing Address Zip Code: 90012
Operator Name: David Hearle II
Operator Phone: 213-367-7172
Owner Phone: 213-367-0403
Owner Mail Address: 111 N. Hope St. Room 1050
Owner State: CA
Owner Zip Code: 90012
Owner Country: United States
Property Owner Name: Not reported
Property Owner Phone: Not reported
Property Owner Mailing Address: Not reported
Property Owner City: Not reported
Property Owner Stat : Not reported
Property Owner Zip Code: Not reported
Property Owner Country: Not reported
EPAID: Not reported

F65 **LAUSD - HILLSIDE ELEMENTARY SCHOOL** **HAZMAT** **S123542643**
ENE **120 E AVENUE 35** **N/A**
< 1/8 **LOS ANGELES, CA 90031**
0.066 mi.
347 ft. **Site 3 of 4 in cluster F**

Relative: LOS ANGELES HM:
Higher
Facility ID: FA0004413
Actual: Last Run Date: 01/01/2019
390 ft. Status: ACTIVE

F66 **LA USD HILLSIDE EL** **RCRA-SQG** **1000427604**
ENE **120 E AVE 35** **FINDS** **CAD981624901**
< 1/8 **LOS ANGELES, CA 90031** **ECHO**
0.066 mi.
347 ft. **Site 4 of 4 in cluster F**

Relative:
Higher

Actual:
390 ft.

RCRA-SQG:

Date form received by agency:	01/27/1986
Facility name:	LA USD HILLSIDE EL
Facility address:	120 E AVE 35 LOS ANGELES, CA 90031
EPA ID:	CAD981624901
Mailing address:	E AVE THIRTY FIFTH LOS ANGELES, CA 90031
Contact:	ENVIRONMENTAL MANAGER
Contact address:	120 E AVE THIRTY FIFTH LOS ANGELES, CA 90031
Contact country:	US
Contact telephone:	213-742-7371
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	LA USD
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	415-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	District
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	NOT REQUIRED
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	415-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	District
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No

LA USD HILLSIDE EL (Continued) **1000427604**

Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Violation Status: No violations found

FINDS:

Registry ID: 110002728415

Environmental Interest/Information System

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000427604
Registry ID:	110002728415
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002728415

H67 **W. HEATH AND COMPANY** **HIST UST** **U001561305**
West **3225 LACY ST** **N/A**
< 1/8 **LOS ANGELES, CA 90031**
0.109 mi.
574 ft. **Site 1 of 7 in cluster H**

Relative: **Lower**

Actual: **347 ft.**

HIST UST:

File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000050721
Facility Type:	Other
Other Type:	COMPANY
Contact Name:	FRANK LLEWELLYN
Telephone:	2132234141
Owner Name:	W. HEATH AND COMPANY

W. HEATH AND COMPANY (Continued) **U001561305**

Owner Address:	3225 LACY STREET
Owner City,St,Zip:	LOS ANGELES, CA 90031
Total Tanks:	0002
Tank Num:	001
Container Num:	1
Year Installed:	1964
Tank Capacity:	00007500
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	002
Container Num:	2
Year Installed:	1973
Tank Capacity:	00012000
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Container Construction Thickness:	Not reported
Leak Detection:	None

H68 **LAUSD - MAINTENANCE AREA # 4** **UST** **U004305932**
West **3225 E LACY ST** **N/A**
< 1/8 **LOS ANGELES, CA 90031**
0.109 mi.
574 ft. **Site 2 of 7 in cluster H**

Relative: LOS ANGELES UST:
Lower

Facility ID:	FA0007047
Last Run Date:	01/01/2019
Status:	INACTIVE

Actual:
347 ft.

H69 **W HEATH AND COMPANY INC** **SWEEPS UST** **S101584670**
West **3225 LACY ST** **HIST UST** **N/A**
< 1/8 **LOS ANGELES, CA 90031** **CA FID UST**
0.109 mi.
574 ft. **Site 3 of 7 in cluster H**

Relative: SWEEPS UST:
Lower

Status:	Active
Comp Number:	2779
Number:	1
Board Of Equalization:	44-012522
Referral Date:	02-25-93
Action Date:	02-25-93
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-050-002779-000001
Tank Status:	A
Capacity:	7500
Active Date:	04-20-88
Tank Use:	M.V. FUEL
STG:	P
Content:	DIESEL
Number Of Tanks:	2

Actual:
347 ft.

W HEATH AND COMPANY INC (Continued) **S101584670**

Status:	Active
Comp Number:	2779
Number:	1
Board Of Equalization:	44-012522
Referral Date:	02-25-93
Action Date:	02-25-93
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-050-002779-000002
Tank Status:	A
Capacity:	12000
Active Date:	04-20-88
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	Not reported

HIST UST:

File Number:	000285DB
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000285DB.pdf
Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Total Tanks:	Not reported

Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Click here for Geo Tracker PDF:

CA FID UST:

Facility ID:	19014132
Regulated By:	UTNKA
Regulated ID:	00050721
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2132234141
Mail To:	Not reported
Mailing Address:	3225 LACY ST
Mailing Address 2:	Not reported
Mailing City,St,Zip:	LOS ANGELES 900310000
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported

W HEATH AND COMPANY INC (Continued) **S101584670**

NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

H70 **MAINTENANCE AND OPERATIONS NEW MAINTENANCE COMPANY** **RCRA-LQG** **1010312955**
West **3225 LACY STREET** **CAD133111419**
< 1/8 **LOS ANGELES, CA 90031**
0.109 mi.
574 ft. **Site 4 of 7 in cluster H**

Relative: **Lower**

Actual: **347 ft.**

RCRA-LQG:
Date form received by agency: 04/07/2011
Facility name: MAINTENANCE AND OPERATIONS NEW MAINTENANCE COMPANY
Facility address: 3225 LACY STREET
LOS ANGELES, CA 90031
EPA ID: CAD133111419
Mailing address: 333 S BEAUDRY AVE
27TH FLOOR LAUSD OEHS
LOS ANGELES, CA 90017
Contact: SOE AUNG
Contact address: 333 S BEAUDRY AVE 27TH FLOOR LAUSD OEHS
LOS ANGELES, CA 90017
Contact country: US
Contact telephone: 213-241-3199
Contact email: SOE.AUNG@LAUSD.NET
EPA Region: 09
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:
Owner/operator name: LOS ANGELES UNIFIED SCHOOL
Owner/operator address: 333 S BEAUDRY AVE, 27TH FLOOR OEHS
LOS ANGELES, CA 90017
Owner/operator country: US
Owner/operator telephone: 213-241-3199
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: District
Owner/Operator Type: Owner
Owner/Op start date: 04/10/1987
Owner/Op end date: Not reported

Owner/operator name: MAINTENANCE AND OPERATIONS NEW MAINTENA
Owner/operator address: Not reported

MAINTENANCE AND OPERATIONS NEW MAINTENANCE COMPANY (Continued) **1010312955**

Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: District
Owner/Operator Type: Operator
Owner/Op start date: 04/10/1987
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 09/13/2010
Site name: LAUSD - MAINTENANCE & OPERATIONS 4
Classification: Large Quantity Generator

Date form received by agency: 01/28/2008
Site name: LAUSD-M&O 4
Classification: Large Quantity Generator

Date form received by agency: 01/27/2006
Site name: LAUSD-M&O 4
Classification: Small Quantity Generator

Date form received by agency: 01/27/2006
Site name: LAUSD-M&O 4
Classification: Large Quantity Generator

Date form received by agency: 04/25/2003
Site name: MAINTENANCE AND OPERATIONS (E)
Classification: Large Quantity Generator

Date form received by agency: 03/07/2000
Site name: UNGER FABRIK
Classification: Not a generator, verified

Hazardous Waste Summary:

. Waste code: 181

MAINTENANCE AND OPERATIONS NEW MAINTENANCE COMPANY (Continued) **1010312955**

. Waste name: Other inorganic solid waste

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

Violation Status: No violations found

H71 **LAUSD - MAINTENANCE AREA # 4** **HAZMAT** **S123543648**
West **3225 E LACY ST** **N/A**
< 1/8 **LOS ANGELES, CA 90031**
0.109 mi.
574 ft. **Site 5 of 7 in cluster H**

Relative: LOS ANGELES HM:
Lower
Facility ID: FA0007047
Actual: Last Run Date: 01/01/2019
347 ft. Status: ACTIVE

H72 **HEATH & CO** **LUST** **1000404577**
West **3225 LACY ST** **FINDS** **N/A**
< 1/8 **LOS ANGELES, CA 90031** **ECHO**
0.109 mi. **HIST CORTESE**
574 ft. **Site 6 of 7 in cluster H** **CERS**

Relative: LUST:
Lower
Lead Agency: LOS ANGELES, CITY OF
Actual: Case Type: LUST Cleanup Site
347 ft. Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603700801
Global Id: T0603700801
Latitude: 34.0836564
Longitude: -118.2182425
Status: Completed - Case Closed
Status Date: 11/01/1995
Case Worker: EL
RB Case Number: 900310207
Local Agency: LOS ANGELES, CITY OF
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0603700801
Contact Type: Local Agency Caseworker
Contact Name: ELOY LUNA
Organization Name: LOS ANGELES, CITY OF
Address: 200 North Main Street, Suite 1780
City: LOS ANGELES

HEATH & CO (Continued) **1000404577**

Email: eloy.luna@lacity.org
Phone Number: Not reported

Global Id: T0603700801
Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone Number: Not reported

LUST:
Global Id: T0603700801
Action Type: Other
Date: 07/13/1995
Action: Leak Reported

Global Id: T0603700801
Action Type: Other
Date: 07/13/1995
Action: Leak Discovery

Global Id: T0603700801
Action Type: Other
Date: 07/13/1995
Action: Leak Stopped

LUST:
Global Id: T0603700801
Status: Completed - Case Closed
Status Date: 11/01/1995

Global Id: T0603700801
Status: Open - Case Begin Date
Status Date: 07/13/1995

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: 900310207
Status: Case Closed
Substance: Gasoline
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Soil
Abatement Method Used at the Site: Not reported
Global ID: T0603700801
W Global ID: Not reported
Staff: UNK
Local Agency: 19050
Cross Street: SAN FERNANDO RD
Enforcement Type: Not reported
Date Leak Discovered: 7/13/1995

HEATH & CO (Continued) **1000404577**

Date Leak First Reported:		7/13/1995
Date Leak Record Entered:	10/15/1996	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	7/13/1995	
Date Case Last Changed on Database:		3/5/1996
Date the Case was Closed:		11/1/1995
How Leak Discovered:	Tank Closure	
How Leak Stopped:	Not reported	
Cause of Leak:	Not reported	
Leak Source:	Not reported	
Operator:	Not reported	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		7498.741360717063672710356944 3
Source of Cleanup Funding:		Not reported
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		Not reported
Pollution Characterization Began:		Not reported
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		Not reported
Post Remedial Action Monitoring Began:		Not reported
Enforcement Action Date:		Not reported
Historical Max MTBE Date:		Not reported
Hist Max MTBE Conc in Groundwater:		Not reported
Hist Max MTBE Conc in Soil:		Not reported
Significant Interim Remedial Action Taken:		Not reported
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	FISCHBACH PROPERTIES	
RP Address:	2700 S ZUNI ST, ENGLEWOOD CO 80110	
Program:	LUST	
Lat/Long:	34.0836564 / -1	
Local Agency Staff:	PEJ	
Beneficial Use:	Not reported	
Priority:	Not reported	
Cleanup Fund Id:	Not reported	
Suspended:	Not reported	
Assigned Name:	Not reported	
Summary:	Not reported	

FINDS:

Registry ID: 110009532880

Environmental Interest/Information System

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

HEATH & CO (Continued) **1000404577**

ECHO:
- Envid: 1000404577
- Registry ID: 110009532880
- DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110009532880

HIST CORTESE:
- edr_fname: HEATH & COMPANY FACILITY
- edr_fadd1: 3225 LACY
- City,State,Zip: LOS ANGELES, CA 90031
- Region: CORTESE
- Facility County Code: 19
- Reg By: LTNKA
- Reg Id: 900310207

CERS TANKS:
- Site ID: 241369
- CERS ID: T0603700801
- Site Name: HEATH & COMPANY FACILITY
- CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
- Affiliation Type Desc: Local Agency Caseworker
- Entity Name: ELOY LUNA - LOS ANGELES, CITY OF
- Entity Title: Not reported
- Affiliation Address: 200 North Main Street, Suite 1780
- Affiliation City: LOS ANGELES
- Affiliation State: CA
- Affiliation Country: Not reported
- Affiliation Zip: Not reported
- Affiliation Phone: Not reported

- Affiliation Type Desc: Regional Board Caseworker
- Entity Name: YUE RONG - LOS ANGELES RWQCB (REGION 4)
- Entity Title: Not reported
- Affiliation Address: 320 W. 4TH ST., SUITE 200
- Affiliation City: Los Angeles
- Affiliation State: CA
- Affiliation Country: Not reported
- Affiliation Zip: Not reported
- Affiliation Phone: Not reported

H73 **CITY OF LA - DEPT OF ANIMAL REGULAT** **HAZMAT** **S123547357**
WSW **3201 E LACY ST** **N/A**
< 1/8 **LOS ANGELES, CA 90031**
0.119 mi.
628 ft. **Site 7 of 7 in cluster H**

Relative: **Lower**
Actual: **349 ft.**

LOS ANGELES HM:
- Facility ID: FA0018921
- Last Run Date: 01/01/2019
- Status: ACTIVE

- Facility ID: FA0018921
- Last Run Date: 01/01/2019
- Status: ACTIVE

I74
SW
< 1/8
0.119 mi.
628 ft.

ITT CANNON
3209 E HUMBOLDT ST
LOS ANGELES, CA 90031

Site 1 of 7 in cluster I

HAZMAT **S123549186**
N/A

Relative:
Lower

Actual:
358 ft.

LOS ANGELES HM:
Facility ID: FA0024757
Last Run Date: 01/01/2019
Status: ACTIVE

I75
SW
< 1/8
0.119 mi.
628 ft.

ITT CANNON
3209 E HUMBOLDT ST
LOS ANGELES, CA 90031

Site 2 of 7 in cluster I

UST **U004306882**
N/A

Relative:
Lower

Actual:
358 ft.

LOS ANGELES UST:
Facility ID: FA0024757
Last Run Date: 01/01/2019
Status: INACTIVE

I76
SSW
< 1/8
0.122 mi.
644 ft.

KENNINGTON
3209 HUMBOLDT ST.
LOS ANGELES, CA 90031

Site 3 of 7 in cluster I

RCRA-SQG **1010313171**
FINDS **CAL000200404**

Relative:
Lower

Actual:
359 ft.

RCRA-SQG:
Date form received by agency: 06/20/2006
Facility name: ITT CANNON, HUMBOLDT
Facility address: 3209 HUMBOLDT ST.
LOS ANGELES, CA 90031-1834
EPA ID: CAL000200404
Mailing address: 666 EAST DYER ROAD
SANTA ANA, CA 92705
Contact: WILLIAM J LITTEN
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: 714-628-2366
Contact email: WILLIAM.LITTEN@ITT.COM
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: ITT INDUSTRIES, CANNON
Owner/operator address: 666 E. DYER ROAD
SANTA ANA, CA 92705
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported

KENNINGTON (Continued) **1010313171**

Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1998
Owner/Op end date: Not reported

Owner/operator name: ITT INDUSTRIES, CANNON
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1998
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 06/20/2006
Site name: ITT CANNON, HUMBOLDT
Classification: Large Quantity Generator

Hazardous Waste Summary:

. Waste code: 261
. Waste name: Polychlorinated biphenyls and material containing PCB's

. Waste code: D008
. Waste name: LEAD

Violation Status: No violations found

FINDS:

Registry ID: 110009266089

Environmental Interest/Information System

KENNINGTON (Continued) **1010313171**

California Department of Toxic Substances Control EnviroStor System (DTSC-EnviroStor) is an online search and Geographic Information System (GIS) tool for identifying sites that have known contamination or sites for which there may be reasons to investigate further. The EnviroStor database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites.

SUPERFUND (NON-NPL)

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

I77 **KENNINGTON LTD. (ITT CANNON)** **SEMS** **1000855945**
SSW **3209 HUMBOLDT ST.** **ENVIROSTOR** **CA0000113175**
< 1/8 **LOS ANGELES, CA 90031** **VCP**
0.122 mi. **SWEEPS UST**
644 ft. **Site 4 of 7 in cluster I** **CA FID UST**
DEED
Relative: **HIST CORTESE**
Lower

Actual: **359 ft.**

SEMS:

Site ID:	0904968
EPA ID:	CA0000113175
Cong District:	24
FIPS Code:	06037
Latitude:	Not reported
Longitude:	Not reported
FF:	N
NPL:	Not on the NPL
Non NPL Status:	Other Cleanup Activity: State-Lead Cleanup

SEMS Detail:

Region:	09
Site ID:	0904968
EPA ID:	CA0000113175
Site Name:	KENNINGTON LTD. (ITT CANNON)
NPL:	N
FF:	N
OU:	00
Action Code:	OO
Action Name:	SITE REASS
SEQ:	1
Start Date:	Not reported
Finish Date:	5/23/2006 4:00:00 AM
Qual:	H
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0904968
EPA ID:	CA0000113175
Site Name:	KENNINGTON LTD. (ITT CANNON)
NPL:	N
FF:	N
OU:	00
Action Code:	DS

KENNINGTON LTD. (ITT CANNON) (Continued) **1000855945**

Action Name:	DISCVRY
SEQ:	1
Start Date:	1994-02-14 05:00:00
Finish Date:	2/14/1994 5:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0904968
EPA ID:	CA0000113175
Site Name:	KENNINGTON LTD. (ITT CANNON)
NPL:	N
FF:	N
OU:	00
Action Code:	VA
Action Name:	OTHR CLEANUP
SEQ:	1
Start Date:	2006-05-23 04:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	St Perf
Region:	09
Site ID:	0904968
EPA ID:	CA0000113175
Site Name:	KENNINGTON LTD. (ITT CANNON)
NPL:	N
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	2000-08-15 04:00:00
Finish Date:	8/3/2001 4:00:00 AM
Qual:	H
Current Action Lead:	St Perf

ENVIROSTOR:

Name:	KENNINGTON
Address:	3209 HUMBOLDT STREET
City,State,Zip:	LOS ANGELES, CA 90031
Facility ID:	19340739
Status:	Active
Status Date:	07/03/2013
Site Code:	300654
Site Type:	Voluntary Cleanup
Site Type Detailed:	Voluntary Cleanup
Acres:	3.75
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Lori Parnass
Supervisor:	Juli Propes
Division Branch:	Cleanup Chatsworth
Assembly:	51
Senate:	24

KENNINGTON LTD. (ITT CANNON) (Continued) **1000855945**

Special Program: Voluntary Cleanup Program
Restricted Use: YES
Site Mgmt Req: REM, DAY, ELD, HOS, LUC, FEN, MON, EX, GW, NUSE, NDEV
Funding: Responsible Party
Latitude: 34.08275
Longitude: -118.2163
APN: 5205-006-053, 5205006053
Past Use: BATTERY MANUFACTURING, MANUFACTURING - ELECTRONIC
Potential COC: Lead Polychlorinated biphenyls (PCBs Tetrachloroethylene (PCE Trichloroethylene (TCE
Confirmed COC: Polychlorinated biphenyls (PCBs Tetrachloroethylene (PCE Trichloroethylene (TCE Lead
Potential Description: OTH, SOIL
Alias Name: ITT CANNON
Alias Type: Alternate Name
Alias Name: 5205-006-053
Alias Type: APN
Alias Name: 5205006053
Alias Type: APN
Alias Name: CA0000113175
Alias Type: CERCLIS ID
Alias Name: 110009266089
Alias Type: EPA (FRS #)
Alias Name: SLT43246244
Alias Type: GeoTracker Global ID
Alias Name: 300260
Alias Type: Project Code (Site Code)
Alias Name: 300654
Alias Type: Project Code (Site Code)
Alias Name: 19340739
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 01/11/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 03/23/2005
Comments: The soil remedial action involved the excavation to 46 feet below ground surface, and offiste disposal of approximately 18,000 cubic yards of soil impacted with PCB's, PCE, TCE and lead.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 12/05/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 10/08/2003
Comments: The Remedial Action Plan (RAP) includes the excavation and disposal

KENNINGTON LTD. (ITT CANNON) (Continued) **1000855945**

of about 5,000 cubic yards of soil contaminated with polychlorinated biphnels (PCBs), volatile organic compounds (TCE and PCE), lead, and groundwater remediation. Based on the analyses and conclusion found in the Special Initial Study, DTSC finds that the project may result in a potentially significant impact on the archaeological resources, thus a Mitigated Negative Declaration was prepared for the project. An archaeologist will monitor the excavation on Site as a mitigation measure to reduce any potential impacts to less than significant levels.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation / Feasibility Study
Completed Date: 07/31/2003
Comments: Remedial Investigation/Feasibility Study completed right on time.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 06/20/2001
Comments: A Preliminary Assessment Report was submitted to U.S. EPA Region IX for review and approval. Sampling is recommended by U.S. EPA.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation / Feasibility Study
Completed Date: 04/25/1997
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 06/04/1993
Comments: DTSC COMPLETES REVIEW OF SITE CHARACTERIZATION REPORT AND SUBMITS COMMENTS AND RECOMMENDATIONS TO THE RPS. THEY ARE AS FOLLOWS:1)DTSC CONCURS THAT BASED ON THE BUILDINGS ENGINEERING CERTIFICATE OF THE CONCRETE FLOOR AND THE PRESENT USE OF THE SITE, AS LONG AS THE FLOORING STAYS INTACT THERE SHOULD BE NO SIGNIFICANT HEALTH RISKS TO BLDG. PERSONNEL. IF THE INTEGRITY OF THE CONCRETE FLOORING BECOMES DAMMAGED, SO AS TO EXPOSE BLDG. PERSONNEL TO THE CONTAMINATED SOILS IMMEDIATE ACTIONS SHALL BE TAKEN TO CORRECT THE PROBLEM. IF MAINTENANCE IS NEEDED BELOW THE CONCRETE FLOOR (E.G. REPAIR OF UTILITY LINES), PERSONNEL CONDUCTING THE WORK SHALL BE NOTIFIED OF THE HAZARDS AND APPROPRIATE PROTECTIVE CLOTHING SHALL BE WORN. IN THE EVENT THAT KENNINGTON, LTD, INC. PROPOSES TO CHANGE OWNERSHIP OR USE OF THE SITE, DTSC BELIEVES THAT FURTHER RESPONSE ACTION IS REQUIRED. DTSC RECOMMENDS THE FURTHER ACTION BE IN THE FORM OF A) REMEDIATION OF THE CONTAMI- NATED AREA(S), OR B) IMPLEMENTATION OF LAND USE RESTRIC- TIONS.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 10/19/1990
Comments: ON CORTESE LIST PRELIM ASSESS DONE PEA COMPLETED AND FURTHER INVESTIGATION IS NECESSARY. PCBS FOUND AS HIGH AS 24,076 PPM AND TPH & TRPH AS HIGH AS 73,050 PPM. SITE IS A LARGE WAREHOUSE- TYPE

KENNINGTON LTD. (ITT CANNON) (Continued) **1000855945**

BUILDING WITH CEMENT FLOORING & AN ADJOINING PARKING LOT WHICH IS ALSO PAVED. WORKPLAN FOR SITE CHARACTERIZA- TION APPROVED WITH APPROX 20 SOIL BOR- INGS PROPOSED; 5 OF WHICH WILL BE CON- VERTED INTO GROUNDWATER MONITORING WELLS

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 06/14/1990
Comments: SITE SCREENING DONE PRELIMINARY ENDANGERMENT ASSESSMENT(PEA) REQUIRED. SITE WAS USED BY VARIOUS FOR- MER COMPANIES FROM ELECTRONIC COMPONENT ASSEMBLY TO ANT POISON MANUFACTURING.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 03/10/2005
Comments: An operation maintenance agreement is executed for the implementation of a plan to identify soil and groundwater activities that need to be followed and maintained in order to protect human health and the environment.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/16/2006
Comments: DTSC concurs with the findings of the First Quarter 2006 Progress Report dated July 9, 2006, and that the groundwater monitoring program should continue as outlined in the approved workplan dated January 5, 2005.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 11/02/2006
Comments: DTSC concurs with the findings of the Report, and that the groundwater monitoring program should continue as outlined in the approved workplan dated January 5, 2005.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/27/2006
Comments: DTSCE determines that the Third Quarter 2006 Progress Report dated 11/15/2006 does not require revision.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/13/2010
Comments: The Workplan dated 9/302010 reviewd by DTSC does not require revision. Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Implementation Workplan
Completed Date: 03/24/2011

KENNINGTON LTD. (ITT CANNON) (Continued) **1000855945**

Comments:	DTSC determines, the Work Plan to Implement Supplemental IRZ Injection Tracer Testing and Performance Monitoring, dated March 10, 2011 does not require revision.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Monitoring Plan
Completed Date:	08/29/2011
Comments:	Original document requires no revision.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Other Report
Completed Date:	03/20/2012
Comments:	DTSC determines no revision on the report, dated February 10, 2012
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Monitoring Report
Completed Date:	03/20/2012
Comments:	Document was submitted to LARWQCB.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Monitoring Report
Completed Date:	05/22/2012
Comments:	RP was informed, DTSC determines the above subject document does not require revisions.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Monitoring Report
Completed Date:	09/14/2012
Comments:	Report dated 7/30/2012 does not require revision.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Monitoring Report
Completed Date:	05/09/2013
Comments:	approved
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Monitoring Report
Completed Date:	10/07/2013
Comments:	done
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Monitoring Report
Completed Date:	11/27/2013
Comments:	appropriate reporting
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Monitoring Report
Completed Date:	09/20/2012

KENNINGTON LTD. (ITT CANNON) (Continued) **1000855945**

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 10/02/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/27/2014
Comments: done

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Financial Assurance Documentation
Completed Date: 10/06/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/14/2016
Comments: accepted as ongoing

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/30/2016
Comments: concurrence

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/11/2016
Comments: concurrence

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/09/2016
Comments: done

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 08/29/2016
Comments: done

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/16/2016
Comments: done

Completed Area Name: PROJECT WIDE

KENNINGTON LTD. (ITT CANNON) (Continued) **1000855945**

Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 02/14/2017
Comments: approved

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 06/14/2017
Comments: concurred

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 08/30/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 05/12/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 05/12/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/10/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/22/2017
Comments: done

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 06/27/2013
Comments: Soil cleaned up to 11 mg/kg in shallow soil for Aroclor 1248; 0.06 mg/kg for PCE; 750 mg/kg for lead and 50 mg/kg for Aroclor 1248 for deep soil.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Mitigated Neg. Dec. (MND)
Completed Date: 10/08/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

KENNINGTON LTD. (ITT CANNON) (Continued) **1000855945**

Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 04/11/2001
Comments: DTSC signed the Voluntary Cleanup Agreement (VCA). VCA was signed on 4/11/01. Purpose of VCA is for ITT Cannon to complete the Site Investigation, and prepare and implement a Removal Action Workplan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Amendment - Order/Agreement
Completed Date: 01/18/1996
Comments: AN AMENDED VOLUNTARY CLEANUP AGREEMENT WAS SIGNED BY THE PROJECT PROPONENTS AND THE DEPARTMENT OF TOXIC SUBSTANCES CONTROL FOR A REMEDIAL INVESTIGATION.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 05/04/1993
Comments: A VOLUNTARY CLEAN-UP AGREEMENT WAS SIGNED BY THE RPS AND DTSC. PER THE AGREEMENT THE RPS WOULD PAY IN ADVANCE TO HAVE DTSC REVIEW AND COMMENT ON THE RPS SITE CHARACTERIZA- TION REPORT. WALK-IN PROGRAM PROJECT.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Triage Meeting
Completed Date: 07/30/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 03/22/2005
Comments: An operation maintenance agreement is executed for the implementation of a plan to identify soil and groundwater activities that need to be followed and maintained in order to protect human health and the environment.

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Certification
Future Due Date: 2024
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

VCP:
Facility ID: 19340739
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: REM, DAY, ELD, HOS, LUC, FEN, MON, EX, GW, NUSE, NDEV
Acres: 3.75
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP

KENNINGTON LTD. (ITT CANNON) (Continued) **1000855945**

Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Lori Parnass
Supervisor:	Juli Propes
Division Branch:	Cleanup Chatsworth
Site Code:	300654
Assembly:	51
Senate:	24
Special Programs Code:	Voluntary Cleanup Program
Status:	Active
Status Date:	07/03/2013
Restricted Use:	YES
Funding:	Responsible Party
Lat/Long:	34.08275 / -118.2163
APN:	5205-006-053, 5205006053
Past Use:	BATTERY MANUFACTURING, MANUFACTURING - ELECTRONIC
Potential COC:	30013, 30018, 30022, 30027
Confirmed COC:	30018,30022,30027,30013
Potential Description:	OTH, SOIL
Alias Name:	ITT CANNON
Alias Type:	Alternate Name
Alias Name:	5205-006-053
Alias Type:	APN
Alias Name:	5205006053
Alias Type:	APN
Alias Name:	CA0000113175
Alias Type:	CERCLIS ID
Alias Name:	110009266089
Alias Type:	EPA (FRS #)
Alias Name:	SLT43246244
Alias Type:	GeoTracker Global ID
Alias Name:	300260
Alias Type:	Project Code (Site Code)
Alias Name:	300654
Alias Type:	Project Code (Site Code)
Alias Name:	19340739
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Correspondence
Completed Date:	01/11/2019
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Remedial Action Completion Report
Completed Date:	03/23/2005
Comments:	The soil remedial action involved the excavation to 46 feet below ground surface, and offiste disposal of approximately 18,000 cubic yards of soil impacted with PCB's, PCE, TCE and lead.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Design/Implementation Workplan
Completed Date:	12/05/2003
Comments:	Not reported

KENNINGTON LTD. (ITT CANNON) (Continued) **1000855945**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 10/08/2003
Comments: The Remedial Action Plan (RAP) includes the excavation and disposal of about 5,000 cubic yards of soil contaminated with polychlorinated biphnels (PCBs), volatile organic compounds (TCE and PCE), lead, and groundwater remediation. Based on the analyses and conclusion found in the Special Initial Study, DTSC finds that the project may result in a potentially significant impact on the archaeological resources, thus a Mitigated Negative Declaration was prepared for the project. An archaeologist will monitor the excavation on Site as a mitigation measure to reduce any potential impacts to less than significant levels.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation / Feasibility Study
Completed Date: 07/31/2003
Comments: Remedial Investigation/Feasibility Study completed right on time.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 06/20/2001
Comments: A Preliminary Assessment Report was submitted to U.S. EPA Region IX for review and approval. Sampling is recommended by U.S. EPA.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation / Feasibility Study
Completed Date: 04/25/1997
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 06/04/1993
Comments: DTSC COMPLETES REVIEW OF SITE CHARACTERIZATION REPORT AND SUBMITS COMMENTS AND RECOMMENDATIONS TO THE RPS. THEY ARE AS FOLLOWS:1)DTSC CONCURS THAT BASED ON THE BUILDINGS ENGINEERING CERTIFICATE OF THE CONCRETE FLOOR AND THE PRESENT USE OF THE SITE, AS LONG AS THE FLOORING STAYS INTACT THERE SHOULD BE NO SIGNIFICANT HEALTH RISKS TO BLDG. PERSONNEL. IF THE INTEGRITY OF THE CONCRETE FLOORING BECOMES DAMMAGED, SO AS TO EXPOSE BLDG. PERSONNEL TO THE CONTAMINATED SOILS IMMEDIATE ACTIONS SHALL BE TAKEN TO CORRECT THE PROBLEM. IF MAINTENANCE IS NEEDED BELOW THE CONCRETE FLOOR (E.G. REPAIR OF UTILITY LINES), PERSONNEL CONDUCTING THE WORK SHALL BE NOTIFIED OF THE HAZARDS AND APPROPRIATE PROTECTIVE CLOTHING SHALL BE WORN. IN THE EVENT THAT KENNINGTON, LTD, INC. PROPOSES TO CHANGE OWNERSHIP OR USE OF THE SITE, DTSC BELIEVES THAT FURTHER RESPONSE ACTION IS REQUIRED. DTSC RECOMMENDS THE FURTHER ACTION BE IN THE FORM OF A) REMEDIATION OF THE CONTAMI- NATED AREA(S), OR B) IMPLEMENTATION OF LAND USE RESTRIC- TIONS.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

KENNINGTON LTD. (ITT CANNON) (Continued) **1000855945**

Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 10/19/1990
Comments: ON CORTESE LIST PRELIM ASSESS DONE PEA COMPLETED AND FURTHER INVESTIGATION IS NECESSARY. PCBS FOUND AS HIGH AS 24,076 PPM AND TPH & TRPH AS HIGH AS 73,050 PPM. SITE IS A LARGE WAREHOUSE- TYPE BUILDING WITH CEMENT FLOORING & AN ADJOINING PARKING LOT WHICH IS ALSO PAVED. WORKPLAN FOR SITE CHARACTERIZA- TION APPROVED WITH APPROX 20 SOIL BOR- INGS PROPOSED; 5 OF WHICH WILL BE CON- VERTED INTO GROUNDWATER MONITORING WELLS

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 06/14/1990
Comments: SITE SCREENING DONE PRELIMINARY ENDANGERMENT ASSESSMENT(PEA) REQUIRED. SITE WAS USED BY VARIOUS FOR- MER COMPANIES FROM ELECTRONIC COMPONENT ASSEMBLY TO ANT POISON MANUFACTURING.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 03/10/2005
Comments: An operation maintenance agreement is executed for the implementation of a plan to identify soil and groundwater activities that need to be followed and maintained in order to protect human health and the environment.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/16/2006
Comments: DTSC concurs with the findings of the First Quarter 2006 Progress Report dated July 9, 2006, and that the groundwater monitoring program should continue as outlined in the approved workplan dated January 5, 2005.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 11/02/2006
Comments: DTSC concurs with the findings of the Report, and that the groundwater monitoring program should continue as outlined in the approved workplan dated January 5, 2005.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/27/2006
Comments: DTSCE determines that the Third Quarter 2006 Progress Report dated 11/15/2006 does not require revision.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/13/2010
Comments: The Workplan dated 9/302010 reviewd by DTSC does not require revision.
Not reported

KENNINGTON LTD. (ITT CANNON) (Continued) **1000855945**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Implementation Workplan
Completed Date: 03/24/2011
Comments: DTSC determines, the Work Plan to Implement Supplemental IRZ Injection Tracer Testing and Performance Monitoring, dated March 10, 2011 does not require revision.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Plan
Completed Date: 08/29/2011
Comments: Original document requires no revision.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 03/20/2012
Comments: DTSC determines no revision on the report, dated February 10, 2012

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/20/2012
Comments: Document was submitted to LARWQCB.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/22/2012
Comments: RP was informed, DTSC determines the above subject document does not require revisions.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/14/2012
Comments: Report dated 7/30/2012 does not require revision.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/09/2013
Comments: approved

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/07/2013
Comments: done

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 11/27/2013
Comments: appropriate reporting

KENNINGTON LTD. (ITT CANNON) (Continued) **1000855945**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/20/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 10/02/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/27/2014
Comments: done

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Financial Assurance Documentation
Completed Date: 10/06/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/14/2016
Comments: accepted as ongoing

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/30/2016
Comments: concurrence

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/11/2016
Comments: concurrence

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/09/2016
Comments: done

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 08/29/2016
Comments: done

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report

KENNINGTON LTD. (ITT CANNON) (Continued) **1000855945**

Completed Date: 08/16/2016
Comments: done

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 02/14/2017
Comments: approved

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 06/14/2017
Comments: concurred

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 08/30/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 05/12/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 05/12/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/10/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/22/2017
Comments: done

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 06/27/2013
Comments: Soil cleaned up to 11 mg/kg in shallow soil for Aroclor 1248; 0.06 mg/kg for PCE; 750 mg/kg for lead and 50 mg/kg for Aroclor 1248 for deep soil.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Mitigated Neg. Dec. (MND)
Completed Date: 10/08/2003

KENNINGTON LTD. (ITT CANNON) (Continued) **1000855945**

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 04/11/2001
Comments: DTSC signed the Voluntary Cleanup Agreement (VCA). VCA was signed on 4/11/01. Purpose of VCA is for ITT Cannon to complete the Site Investigation, and prepare and implement a Removal Action Workplan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Amendment - Order/Agreement
Completed Date: 01/18/1996
Comments: AN AMENDED VOLUNTARY CLEANUP AGREEMENT WAS SIGNED BY THE PROJECT PROPONENTS AND THE DEPARTMENT OF TOXIC SUBSTANCES CONTROL FOR A REMEDIAL INVESTIGATION.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 05/04/1993
Comments: A VOLUNTARY CLEAN-UP AGREEMENT WAS SIGNED BY THE RPS AND DTSC. PER THE AGREEMENT THE RPS WOULD PAY IN ADVANCE TO HAVE DTSC REVIEW AND COMMENT ON THE RPS SITE CHARACTERIZA- TION REPORT. WALK-IN PROGRAM PROJECT.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Triage Meeting
Completed Date: 07/30/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 03/22/2005
Comments: An operation maintenance agreement is executed for the implementation of a plan to identify soil and groundwater activities that need to be followed and maintained in order to protect human health and the environment.

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Certification
Future Due Date: 2024
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

SWEEPS UST:
Status: Not reported
Comp Number: 7797
Number: Not reported
Board Of Equalization: Not reported

KENNINGTON LTD. (ITT CANNON) (Continued) **1000855945**

Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: Not reported
Tank Status: Not reported
Capacity: Not reported
Active Date: Not reported
Tank Use: Not reported
STG: Not reported
Content: Not reported
Number Of Tanks: 0

CA FID UST:
Facility ID: 19054659
Regulated By: UTNKI
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 2132251655
Mail To: Not reported
Mailing Address: 3209 HUMBOLT ST
Mailing Address 2: Not reported
Mailing City,St,Zip: LOS ANGELES 900310000
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Inactive

DEED:
Envirostor ID: 19340739
Area: PROJECT WIDE
Sub Area: Not reported
Site Type: VOLUNTARY CLEANUP
Status: ACTIVE
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): 03/22/2005
File Name: Envirostor Land Use Restrictions

HIST CORTESE:
edr_fname: KENNINGTON
edr_fadd1: 3209 HUMBOLDT
City,State,Zip: LOS ANGELES, CA 90031
Region: CORTESE
Facility County Code: 19
Reg By: CALSI
Reg Id: 19340739

I78 **KENNINGTON PROPERTIES** **CPS-SLIC** **S105520922**
SSW **3209 HUMBOLT ST** **LA Co. Site Mitigation** **N/A**
< 1/8 **LOS ANGELES, CA 90031** **CERS**
0.122 mi.
644 ft. **Site 5 of 7 in cluster I**

Relative:
Lower

Actual:
359 ft.

CPS-SLIC:

Site Name:	CANNON ELECTRICAL
Region:	STATE
Facility Status:	**Open - Inactive**
Status Date:	01/30/2015
Global Id:	SLT43246244
Lead Agency:	DEPARTMENT OF TOXIC SUBSTANCES CONTROL
Lead Agency Case Number:	19340739
Latitude:	34.082755
Longitude:	-118.216399
Case Type:	Cleanup Program Site
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	0402
File Location:	Not reported
Potential Media Affected:	Not reported
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

SLIC REG 4:

Region:	4
Facility Status:	Not reported
SLIC:	0402
Substance:	TPH/V
Staff:	Department of Toxic Substances Control

LA Co. Site Mitigation:

Name:	KENNINGTON PROPERTIES
Address:	3209 HUMBOLT ST
City,State,Zip:	LOS ANGELES, CA 90031
Facility ID:	Not reported
Status:	Not reported
Site ID:	SD0010297
Jurisdiction:	State
Case ID:	RO0000453
Abated:	Yes
Assigned To:	Kim Clark
Entered Date:	05/11/2004
Abated Date:	08/24/1993

CERS TANKS:

Site ID:	243299
CERS ID:	SLT43246244
Site Name:	CANNON ELECTRICAL
CERS Description:	Cleanup Program Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	DTSC - LOS ANGELES RWQCB (REGION 4)
Entity Title:	Not reported

KENNINGTON PROPERTIES (Continued) **S105520922**

Affiliation Address: 1011 N. GRANDVIEW AVE.
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

79
ESE
< 1/8
0.124 mi.
657 ft.

3300 GRIFFIN AVE
LOS ANGELES, CA

UST **U004302044**
N/A

Relative:
Higher

Actual:
422 ft.

LOS ANGELES UST:
Facility ID: Not reported
Last Run Date: 01/01/1900
Status: HISTORICAL

I80
SSW
1/8-1/4
0.127 mi.
670 ft.

SELF-REALIZATION FELLOWSHIP CHURCH
3208 HUMBOLDT STREET
LOS ANGELES, CA 90031

Site 6 of 7 in cluster I

RCRA-SQG **1000103540**
FINDS **CAD062071436**
ECHO

Relative:
Lower

Actual:
359 ft.

RCRA-SQG:
Date form received by agency: 07/05/1991
Facility name: SELF REALIZATION FELLOWSHIP
Facility address: 3208 HUMBOLDT STREET
LOS ANGELES, CA 90031
EPA ID: CAD062071436
Mailing address: HUMBOLDT STREET
LOS ANGELES, CA 90031
Contact: HENRY RAPP
Contact address: 3208 HUMBOLDT STREET
LOS ANGELES, CA 90031
Contact country: US
Contact telephone: 213-342-0336
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported

SELF-REALIZATION FELLOWSHIP CHURCH (Continued) **1000103540**

Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: SELF REALIZATION FELLOWSHIP
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002653085

Environmental Interest/Information System
AIR EMISSIONS CLASSIFICATION UNKNOWN

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

STATE MASTER

SELF-REALIZATION FELLOWSHIP CHURCH (Continued) **1000103540**

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000103540
Registry ID: 110002653085
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002653085

I81 **SELF REALIZATION FELLOWSHIP CHURCH** **HAZMAT** **S123502172**
SSW **3208 E HUMBOLDT ST** **CERS** **N/A**
1/8-1/4 **LOS ANGELES, CA 90031**
0.127 mi.
670 ft. **Site 7 of 7 in cluster I**

Relative:
Lower

Actual:
359 ft.

LOS ANGELES HM:
Facility ID: FA0021370
Last Run Date: 01/01/2019
Status: ACTIVE

CERS TANKS:
Site ID: 152416
CERS ID: 10247947
Site Name: SELF REALIZATION FELLOWSHIP CHURCH
CERS Description: Chemical Storage Facilities

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-09-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: waste oil 55 gallons drum alcohol 55 gallons drum 55 gallons drum ink solvent roller wash 55 gallons drum compressor oil 5 gallons
Eval Division: Los Angeles City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-26-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: cers review , Cameron Smith gives lafd consent for inspection , walk through the building 55,000 square feet, no violations found, 55 gallon drums in clean place/ strapped , all have labels .
Eval Division: Los Angeles City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Affiliation:
Affiliation Type Desc: Environmental Contact
Entity Name: CAMERON SMITH
Entity Title: Not reported
Affiliation Address: 3208 HUMBOLDT ST
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90031

SELF REALIZATION FELLOWSHIP CHURCH (Continued) **S123502172**

Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	SELF-REALIZATION FELLOWSHIP CH
Entity Title:	Not reported
Affiliation Address:	3208 HUMBOLDT ST
Affiliation City:	3208 HUMBOLDT ST
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90031
Affiliation Phone:	(323) 276-6000
Affiliation Type Desc:	Parent Corporation
Entity Name:	SELF REALIZATION FELLOWSHIP CHURCH
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Operator
Entity Name:	CAMERON SMITH
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(323) 276-6000
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	3208 HUMBOLDT ST
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90031
Affiliation Phone:	Not reported
Affiliation Type Desc:	CUPA District
Entity Name:	Los Angeles City Fire Department
Entity Title:	Not reported
Affiliation Address:	200 North Main Street, Room 1780
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90012
Affiliation Phone:	(213) 978-3680

J82 **UST** **U004302200**
NE **3511 CARLOTA BLVD** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.128 mi.
676 ft. **Site 1 of 9 in cluster J**

Relative: **Lower**
Actual: **364 ft.**

LOS ANGELES UST:

Facility ID:	Not reported
Last Run Date:	01/01/1900
Status:	HISTORICAL

K83 **LOS ANGELES USD LORETO ELEM SCHOOL** **RCRA-SQG** **1000102128**
NW **3408 ARROYO SECO AVE** **FINDS** **CAD982022535**
1/8-1/4 **LOS ANGELES, CA 90065** **ECHO**
0.136 mi.
717 ft. **Site 1 of 4 in cluster K**

Relative: **Lower**
Actual: **369 ft.**

RCRA-SQG:

Date form received by agency:	08/07/1987
Facility name:	LOS ANGELES USD LORETO ELEM SCHOOL
Facility address:	3408 ARROYO SECO AVE LOS ANGELES, CA 90065
EPA ID:	CAD982022535
Mailing address:	1425 S SAN PEDRO ST ROOM 215 LOS ANGELES, CA 90015
Contact:	ENVIRONMENTAL MANAGER
Contact address:	3408 ARROYO SECO AVE LOS ANGELES, CA 90065
Contact country:	US
Contact telephone:	213-742-7371
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	415-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Municipal
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	NOT REQUIRED
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	415-555-1212
Owner/operator email:	Not reported

LOS ANGELES USD LORETO ELEM SCHOOL (Continued) **1000102128**

Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Municipal
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002779146

Environmental Interest/Information System

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000102128
Registry ID: 110002779146
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002779146

K84 **LORETO STREET ELEMENTARY SCHOOL ADDITION** **ENVIROSTOR** **S105628587**
NW **3408 ARROYO SECO AVENUE** **SCH** **N/A**
1/8-1/4 **LOS ANGELES, CA 90065**
0.136 mi.
717 ft. **Site 2 of 4 in cluster K**

Relative:
Lower

Actual:
369 ft.

ENVIROSTOR:

Name:	LORETO STREET ELEMENTARY SCHOOL ADDITION
Address:	3408 ARROYO SECO AVENUE
City,State,Zip:	LOS ANGELES, CA 90065
Facility ID:	19820057
Status:	Inactive - Withdrawn
Status Date:	09/20/2006
Site Code:	304232
Site Type:	School Investigation
Site Type Detailed:	School
Acres:	0
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Javier Hinojosa
Division Branch:	Southern California Schools & Brownfields Outreach
Assembly:	53
Senate:	30
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	School District
Latitude:	34.08674
Longitude:	-118.2163
APN:	5446019901
Past Use:	* EDUCATIONAL SERVICES
Potential COC:	NONE SPECIFIED No Contaminants found
Confirmed COC:	NONE SPECIFIED
Potential Description:	NMA
Alias Name:	LAUSD-LORETO ADDITION
Alias Type:	Alternate Name
Alias Name:	LORETO STREET ELEMENTARY SCHOOL ADDITION
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	5446019901
Alias Type:	APN
Alias Name:	304232
Alias Type:	Project Code (Site Code)
Alias Name:	19820057
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	09/20/2006
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported

LORETO STREET ELEMENTARY SCHOOL ADDITION (Continued) **S105628587**

Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

SCH:

Facility ID: 19820057
Site Type: School Investigation
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 0
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Not reported
Supervisor: Javier Hinojosa
Division Branch: Southern California Schools & Brownfields Outreach
Site Code: 304232
Assembly: 53
Senate: 30
Special Program Status: Not reported
Status: Inactive - Withdrawn
Status Date: 09/20/2006
Restricted Use: NO
Funding: School District
Latitude: 34.08674
Longitude: -118.2163
APN: 5446019901
Past Use: * EDUCATIONAL SERVICES
Potential COC: NONE SPECIFIED, No Contaminants found
Confirmed COC: NONE SPECIFIED
Potential Description: NMA
Alias Name: LAUSD-LORETO ADDITION
Alias Type: Alternate Name
Alias Name: LORETO STREET ELEMENTARY SCHOOL ADDITION
Alias Type: Alternate Name
Alias Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: 5446019901
Alias Type: APN
Alias Name: 304232
Alias Type: Project Code (Site Code)
Alias Name: 19820057
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 09/20/2006
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported

LORETO STREET ELEMENTARY SCHOOL ADDITION (Continued) **S105628587**

Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

K85 **LAUSD - LORETO STREET SCHOOL** **UST** **U004306315**
NW **3408 N ARROYO SECO AVE** **N/A**
1/8-1/4 **LOS ANGELES, CA 90065**
0.136 mi.
717 ft. **Site 3 of 4 in cluster K**

Relative: LOS ANGELES UST:
Lower
Actual:
369 ft.

Facility ID:	FA0014338
Last Run Date:	01/01/2019
Status:	INACTIVE

K86 **LAUSD - LORETO STREET SCHOOL** **HAZMAT** **S123545968**
NW **3408 N ARROYO SECO AVE** **N/A**
1/8-1/4 **LOS ANGELES, CA 90065**
0.136 mi.
717 ft. **Site 4 of 4 in cluster K**

Relative: LOS ANGELES HM:
Lower
Actual:
369 ft.

Facility ID:	FA0014338
Last Run Date:	01/01/2019
Status:	ACTIVE

L87 **SIMPLEX GRINNELL** **HAZMAT** **S123541976**
WSW **2684 E LACY ST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90031**
0.145 mi.
764 ft. **Site 1 of 2 in cluster L**

Relative: LOS ANGELES HM:
Lower
Actual:
350 ft.

Facility ID:	FA0002024
Last Run Date:	01/01/2019
Status:	ACTIVE

J88 **MR. DUNG THAI** **UST** **U003879697**
NNE **3543 PASADENA AVE** **N/A**
1/8-1/4 **LOS ANGELES, CA 90031**
0.151 mi.
795 ft. **Site 2 of 9 in cluster J**

Relative: UST:
Lower
Actual:
367 ft.

Facility ID:	23634
Permitting Agency:	LOS ANGELES, CITY OF
Latitude:	34.08691
Longitude:	-118.21257

J89 **UST** **U004302230**
NE **3550 PASADENA AVE** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.152 mi.
801 ft. **Site 3 of 9 in cluster J**

Relative: **Lower**
Actual: **366 ft.**

LOS ANGELES UST:

Facility ID:	Not reported
Last Run Date:	01/01/1900
Status:	HISTORICAL

J90 **JSL FOODS INC** **RCRA NonGen / NLR** **1024819540**
NE **3550 PASADENA AVE** **CAL000329919**
1/8-1/4 **LOS ANGELES, CA 90031**
0.152 mi.
801 ft. **Site 4 of 9 in cluster J**

Relative: **Lower**
Actual: **366 ft.**

RCRA NonGen / NLR:

Date form received by agency:	02/21/2008
Facility name:	JSL FOODS INC
Facility address:	3550 PASADENA AVE LOS ANGELES, CA 90031-1946
EPA ID:	CAL000329919
Contact:	GILBERTO ANDRADE
Contact address:	3550 PASADENA AVE LOS ANGELES, CA 90031
Contact country:	Not reported
Contact telephone:	323-223-2484
Contact email:	GANDRADE@JSLFOODS.COM
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	TEIJI KAWANA
Owner/operator address:	3550 PASADENA AVE LOS ANGELES, CA 90031
Owner/operator country:	Not reported
Owner/operator telephone:	323-855-1201
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	GILBERTO ANDRADE
Owner/operator address:	3550 PASADENA AVE LOS ANGELES, CA 90031
Owner/operator country:	Not reported
Owner/operator telephone:	323-223-2484
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

JSL FOODS INC (Continued) **1024819540**

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: Yes
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

J91 **UST** **U004302225**
NNE **3545-55 PASADENA AVE** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.152 mi.
802 ft. **Site 5 of 9 in cluster J**

Relative: LOS ANGELES UST:
Lower
Facility ID: Not reported
Actual: Last Run Date: 01/01/1900
367 ft. Status: HISTORICAL

M92 **LINE 765 RECEIVER** **RCRA-LQG** **1010562247**
WNW **CYPRESS AVE AND ARROYO SECO** **CAR000188680**
1/8-1/4 **LOS ANGELES, CA 90065**
0.167 mi.
881 ft. **Site 1 of 5 in cluster M**

Relative: RCRA-LQG:
Lower
Date form received by agency: 11/14/2007
Actual: Facility name: LINE 765 RECEIVER
366 ft. Facility address: CYPRESS AVE AND ARROYO SECO
AVE INTERSECTION OF
LOS ANGELES, CA 90065
EPA ID: CAR000188680
Mailing address: 6875 CONSOLIDATED WAY
SD 1373
SAN DIEGO, CA 92121-2602
Contact: PAT J CANNEY
Contact address: 6875 CONSOLIDATED WAY SD 1373
SAN DIEGO, CA 92121-2602
Contact country: US
Contact telephone: 858-653-3104
Contact email: PCANNEY@SEMPRAUTILITIES.COM
EPA Region: 09
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any

LINE 765 RECEIVER (Continued) **1010562247**

residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name:	CITY OF LOS ANGELES
Owner/operator address:	200 N SPRING ST
	LOS ANGELES, CA 90012
Owner/operator country:	US
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Municipal
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/1850
Owner/Op end date:	Not reported

Owner/operator name:	SOUTHERN CALIFORNIA GAS CO
Owner/operator address:	Not reported
	Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	01/01/1986
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Hazardous Waste Summary:

LINE 765 RECEIVER (Continued) **1010562247**

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D005
. Waste name: BARIUM

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D018
. Waste name: BENZENE

Violation Status: No violations found

M93 **JORDAN NUCLEAR CO.** **HAZMAT** **S123551187**
WNW **3244 N ARROYO SECO AVE** **N/A**
1/8-1/4 **LOS ANGELES, CA 90065**
0.167 mi.
884 ft. **Site 2 of 5 in cluster M**

Relative: LOS ANGELES HM:
Lower
Facility ID: FA0033593
Actual: Last Run Date: 01/01/2019
363 ft. Status: ACTIVE

J94 **FLAVOR FOODS INC.** **SWEEPS UST** **S101582723**
NE **3580 PASADENA AVE** **CA FID UST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90031**
0.168 mi.
887 ft. **Site 6 of 9 in cluster J**

Relative: SWEEPS UST:
Lower
Status: Not reported
Actual: Comp Number: 859
365 ft. Number: Not reported
Board Of Equalization: 44-011445
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-000859-000001
Tank Status: Not reported
Capacity: 9000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: 3

FLAVOR FOODS INC. (Continued) **S101582723**

Status: Not reported
Comp Number: 859
Number: Not reported
Board Of Equalization: 44-011445
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-000859-000002
Tank Status: Not reported
Capacity: 9000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 859
Number: Not reported
Board Of Equalization: 44-011445
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-000859-000003
Tank Status: Not reported
Capacity: 9000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: Not reported

CA FID UST:
Facility ID: 19001191
Regulated By: UTNKI
Regulated ID: 00007744
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 2136262211
Mail To: Not reported
Mailing Address: 3580 PASADENA AVE
Mailing Address 2: Not reported
Mailing City,St,Zip: LOS ANGELES 900310000
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Inactive

J95 **FOOD FOR LIFE** **LUST** **1000183167**
NE **3580 PASADENA AVE** **HIST UST** **N/A**
1/8-1/4 **MONTECITO HEIGHTS, CA 90031** **HIST CORTESE**
0.168 mi. **CERS**
887 ft. **Site 7 of 9 in cluster J**

Relative:
Lower

Actual:
365 ft.

LUST:

Lead Agency:	LOS ANGELES, CITY OF
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603700809
Global Id:	T0603700809
Latitude:	34.0877141
Longitude:	-118.2120943
Status:	Completed - Case Closed
Status Date:	11/17/1986
Case Worker:	EL
RB Case Number:	900310289
Local Agency:	LOS ANGELES, CITY OF
File Location:	Not reported
Local Case Number:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Aviation
Site History:	Not reported

LUST:

Global Id:	T0603700809
Contact Type:	Local Agency Caseworker
Contact Name:	ELOY LUNA
Organization Name:	LOS ANGELES, CITY OF
Address:	200 North Main Street, Suite 1780
City:	LOS ANGELES
Email:	eloy.luna@lacity.org
Phone Number:	Not reported

Global Id:	T0603700809
Contact Type:	Regional Board Caseworker
Contact Name:	YUE RONG
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4TH ST., SUITE 200
City:	Los Angeles
Email:	yrong@waterboards.ca.gov
Phone Number:	Not reported

LUST:

Global Id:	T0603700809
Action Type:	Other
Date:	10/28/1986
Action:	Leak Reported

Global Id:	T0603700809
Action Type:	ENFORCEMENT
Date:	10/28/1986
Action:	Notice to Comply

Global Id:	T0603700809
Action Type:	Other
Date:	10/28/1986
Action:	Leak Discovery

FOOD FOR LIFE (Continued) **1000183167**

Global Id: T0603700809
Action Type: Other
Date: 10/28/1986
Action: Leak Stopped

Global Id: T0603700809
Action Type: RESPONSE
Date: 11/17/1986
Action: Tank Removal Report / UST Sampling Report

LUST:
Global Id: T0603700809
Status: Completed - Case Closed
Status Date: 11/17/1986

Global Id: T0603700809
Status: Open - Case Begin Date
Status Date: 10/28/1986

Global Id: T0603700809
Status: Open - Site Assessment
Status Date: 10/28/1986

Global Id: T0603700809
Status: Open - Site Assessment
Status Date: 11/17/1986

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: 900310289
Status: Leak being confirmed
Substance: 1
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Soil
Abatement Method Used at the Site: Not reported
Global ID: T0603700809
W Global ID: Not reported
Staff: UNK
Local Agency: 19050
Cross Street: CARLOTTA
Enforcement Type: Not reported
Date Leak Discovered: 10/28/1986
Date Leak First Reported: 10/28/1986
Date Leak Record Entered: 12/31/1986
Date Confirmation Began: 10/28/1986
Date Leak Stopped: 10/28/1986
Date Case Last Changed on Database: 8/10/1987
Date the Case was Closed: Not reported
How Leak Discovered: Tank Closure
How Leak Stopped: Not reported
Cause of Leak: UNK
Leak Source: UNK

FOOD FOR LIFE (Continued) **1000183167**

Operator:	OLD CASENO WAS 000773
Water System:	Not reported
Well Name:	Not reported
Approx. Dist To Production Well (ft):	7819.6181473588979638892551165
Source of Cleanup Funding:	UNK
Preliminary Site Assessment Workplan Submitted:	Not reported
Preliminary Site Assessment Began:	Not reported
Pollution Characterization Began:	Not reported
Remediation Plan Submitted:	Not reported
Remedial Action Underway:	Not reported
Post Remedial Action Monitoring Began:	Not reported
Enforcement Action Date:	Not reported
Historical Max MTBE Date:	Not reported
Hist Max MTBE Conc in Groundwater:	Not reported
Hist Max MTBE Conc in Soil:	Not reported
Significant Interim Remedial Action Taken:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Organization:	Not reported
Owner Contact:	Not reported
Responsible Party:	FOOD FOR LIFE
RP Address:	3580 PASADENA AVE, LOS ANGELES, CA 90031
Program:	LUST
Lat/Long:	34.0877141 / -1
Local Agency Staff:	PEJ
Beneficial Use:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Suspended:	Not reported
Assigned Name:	Not reported
Summary:	Not reported

HIST UST:

File Number:	00026808
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00026808.pdf
Region:	STATE
Facility ID:	00000007744
Facility Type:	Other
Other Type:	BAKER
Contact Name:	Not reported
Telephone:	2132271985
Owner Name:	FOOD FOR LIFE BAKING CO., INC.
Owner Address:	3580 PASADENA AVE.
Owner City,St,Zip:	LOS ANGELES, CA 90031
Total Tanks:	0003
Tank Num:	001
Container Num:	001
Year Installed:	Not reported
Tank Capacity:	00009000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	002
Container Num:	02

FOOD FOR LIFE (Continued) **1000183167**

Year Installed: Not reported
Tank Capacity: 00009000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 003
Container Num: 03
Year Installed: Not reported
Tank Capacity: 00009000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Click here for Geo Tracker PDF:

HIST CORTESE:
edr_fname: FOOD FOR LIFE
edr_fadd1: 3580 PASADENA
City,State,Zip: LOS ANGELES, CA 90031
Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: 900310289

CERS TANKS:
Site ID: 243559
CERS ID: T0603700809
Site Name: FOOD FOR LIFE
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: ELOY LUNA - LOS ANGELES, CITY OF
Entity Title: Not reported
Affiliation Address: 200 North Main Street, Suite 1780
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Regional Board Caseworker
Entity Name: YUE RONG - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W. 4TH ST., SUITE 200
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

J96 **UST** **U004302239**
NE **3580 PASADENA AVE** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.168 mi.
887 ft. **Site 8 of 9 in cluster J**

Relative: LOS ANGELES UST:
Lower Facility ID: Not reported
Actual: Last Run Date: 01/01/1900
365 ft. Status: HISTORICAL

J97 **UST** **U004302226**
NE **3548 PASADENA AVE** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.176 mi.
927 ft. **Site 9 of 9 in cluster J**

Relative: LOS ANGELES UST:
Lower Facility ID: Not reported
Actual: Last Run Date: 01/01/1900
368 ft. Status: HISTORICAL

N98 **LINCOLN HEIGHTS DISTRICT HQ** **SWEEPS UST** **S101617334**
SW **3101 ARTESIAN ST** **CA FID UST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90031**
0.186 mi.
982 ft. **Site 1 of 8 in cluster N**

Relative: SWEEPS UST:
Lower Status: Active
Actual: Comp Number: 3824
357 ft. Number: 4
Board Of Equalization: Not reported
Referral Date: 01-27-93
Action Date: 04-20-94
Created Date: 02-29-88
Owner Tank Id: 3824
SWRCB Tank Id: 19-050-003824-000001
Tank Status: A
Capacity: 12000
Active Date: 01-27-93
Tank Use: PETROLEUM
STG: P
Content: REGULAR UNLE
Number Of Tanks: 2

Status: Active
Comp Number: 3824
Number: 4
Board Of Equalization: Not reported
Referral Date: 01-27-93
Action Date: 04-20-94
Created Date: 02-29-88
Owner Tank Id: 3824
SWRCB Tank Id: 19-050-003824-000002
Tank Status: A
Capacity: 5000
Active Date: 01-27-93

LINCOLN HEIGHTS DISTRICT HQ (Continued) **S101617334**

Tank Use: PETROLEUM
STG: P
Content: DIESEL
Number Of Tanks: Not reported

CA FID UST:
Facility ID: 19003053
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 2134817962
Mail To: Not reported
Mailing Address: 111 N HOPE STREET-ROOM
Mailing Address 2: Not reported
Mailing City,St,Zip: LOS ANGELES 900310000
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

N99 **LA DWP - LINCOLN HEIGHTS SERVICE CE** **UST** **U004305351**
SW **3101 E ARTESIAN ST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90031**
0.186 mi.
982 ft. **Site 2 of 8 in cluster N**

Relative: LOS ANGELES UST:
Lower
Facility ID: FA0000795
Actual: Last Run Date: 01/01/2019
357 ft. Status: ACTIVE

N100 **LINCOLN HEIGHTS SERVICE DPW** **LUST** **S103281903**
SW **3101 ARTESIAN ST** **N/A**
1/8-1/4 **MONTECITO HEIGHTS, CA 90031**
0.186 mi.
982 ft. **Site 3 of 8 in cluster N**

Relative: LUST REG 4:
Lower
Region: 4
Actual: Regional Board: 04
357 ft. County: Los Angeles
Facility Id: 900310161
Status: Case Closed
Substance: Hydrocarbons
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Groundwater
Abatement Method Used at the Site: Not reported
Global ID: T0603700797
W Global ID: Not reported
Staff: AT
Local Agency: 19050

LINCOLN HEIGHTS SERVICE DPW (Continued) **S103281903**

Cross Street:	Not reported	
Enforcement Type:	Not reported	
Date Leak Discovered:	Not reported	
Date Leak First Reported:		3/26/1991
Date Leak Record Entered:	3/28/1991	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		9/3/1997
Date the Case was Closed:		12/19/1997
How Leak Discovered:	Not reported	
How Leak Stopped:	Not reported	
Cause of Leak:	UNK	
Leak Source:	UNK	
Operator:	OLD CASE #041091-02	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		8224.626230528142600402611963
Source of Cleanup Funding:		UNK
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		Not reported
Pollution Characterization Began:		3/26/1991
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		Not reported
Post Remedial Action Monitoring Began:		Not reported
Enforcement Action Date:		Not reported
Historical Max MTBE Date:		Not reported
Hist Max MTBE Conc in Groundwater:		Not reported
Hist Max MTBE Conc in Soil:		Not reported
Significant Interim Remedial Action Taken:		Not reported
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	CITY OF LOS ANGELES DPW	
RP Address:	P.O. BOX 51111, LOS ANGELES, CA 90051-0100	
Program:	LUST	
Lat/Long:	34.0806345 / -1	
Local Agency Staff:	PEJ	
Beneficial Use:	Not reported	
Priority:	Not reported	
Cleanup Fund Id:	Not reported	
Suspended:	Not reported	
Assigned Name:	Not reported	
Summary:	10-25-91 LEAK REPORT WAS FILED.	07/07/97
	2ND QTR 1997 GW MON. RPT.	09/03/97 REQUEST
	FOR CASE CLOSURE	

N101 **P D D CONSTRUCTION MTNC** **RCRA-SQG** **1000597323**
SW **3101 ARTESIAN ST** **FINDS** **CAD983613282**
1/8-1/4 **LOS ANGELES, CA 90031** **ECHO**
0.186 mi.
982 ft. **Site 4 of 8 in cluster N**

Relative: RCRA-SQG:
Lower
Date form received by agency: 09/01/1996
Actual: Facility name: P D D CONSTRUCTION MTNC
357 ft. Facility address: 3101 ARTESIAN ST
LOS ANGELES, CA 90031

P D D CONSTRUCTION MTNC (Continued) **1000597323**

EPA ID: CAD983613282
Mailing address: N HOPE ST RM 1121
LOS ANGELES, CA 90012
Contact: Not reported
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: LA DEPT OF WATER AND POWER
Owner/operator address: 111 N HOPE ST RM 1121
LOS ANGELES, CA 90012
Owner/operator country: Not reported
Owner/operator telephone: 213-481-3250
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Municipal
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002864954

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of

P D D CONSTRUCTION MTNC (Continued) **1000597323**

events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000597323
Registry ID: 110002864954
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002864954

N102 **LA DWP - LINCOLN HEIGHTS SERVICE CE** **HAZMAT** **S123541567**
SW **3101 E ARTESIAN ST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90031**
0.186 mi.
982 ft. **Site 5 of 8 in cluster N**

Relative:
Lower

Actual:
357 ft.

LOS ANGELES HM:
Facility ID: FA0000795
Last Run Date: 01/01/2019
Status: ACTIVE

N103 **LINCOLN HEIGHTS SERVICE DPW** **LUST** **S104159588**
SW **3101 ARTESIAN ST** **CERS HAZ WASTE** **N/A**
1/8-1/4 **MONTECITO HEIGHTS, CA 90031** **HIST UST**
0.186 mi. **CERS TANKS**
982 ft. **Site 6 of 8 in cluster N** **HIST CORTESE**
CERS

Relative:
Lower

Actual:
357 ft.

LUST:
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603700797
Global Id: T0603700797
Latitude: 34.0806345
Longitude: -118.2193455
Status: Completed - Case Closed
Status Date: 12/19/1997
Case Worker: AT
RB Case Number: 900310161
Local Agency: LOS ANGELES, CITY OF
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Other Solvent or Non-Petroleum Hydrocarbon
Site History: Not reported

LUST:
Global Id: T0603700797
Contact Type: Regional Board Caseworker
Contact Name: ARMAN TOUMARI
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 WEST 4TH STREET, SUITE 200

LINCOLN HEIGHTS SERVICE DPW (Continued) **S104159588**

City: LOS ANGELES
Email: atoumari@waterboards.ca.gov
Phone Number: 2135766708

Global Id: T0603700797
Contact Type: Local Agency Caseworker
Contact Name: ELOY LUNA
Organization Name: LOS ANGELES, CITY OF
Address: 200 North Main Street, Suite 1780
City: LOS ANGELES
Email: eloy.luna@lacity.org
Phone Number: Not reported

LUST:
Global Id: T0603700797
Action Type: Other
Date: 03/26/1991
Action: Leak Reported

LUST:
Global Id: T0603700797
Status: Completed - Case Closed
Status Date: 12/19/1997

Global Id: T0603700797
Status: Open - Case Begin Date
Status Date: 03/26/1991

Global Id: T0603700797
Status: Open - Site Assessment
Status Date: 03/26/1991

CERS HAZ WASTE:
Site ID: 396612
CERS ID: 10029889
CERS Description: RCRA LQ HW Generator

Violations:
Site ID: 396612
Site Name: LINCOLN HEIGHTS SERVICE CENTER
Violation Date: 03-15-2016
Citation: 23 CCR 16 2665 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665
Violation Description: Failure to comply with one or more of the following: failure to install a spill bucket, have a functional drain valve or other method for the removal of liquid from the spill bucket/spill container, and/or be resistant to galvanic corrosion.
Violation Notes: Returned to compliance on 03/14/2018. fail on spill bucket , replace and apply for permit
Violation Division: Los Angeles City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 396612
Site Name: LINCOLN HEIGHTS SERVICE CENTER

LINCOLN HEIGHTS SERVICE DPW (Continued) **S104159588**

Violation Date:	03-16-2017
Citation:	23 CCR 16 2712 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712
Violation Description:	Failure to comply with any of the applicable requirements of the permit issued for the operation of the UST system.
Violation Notes:	Returned to compliance on 03/14/2018. OBSERVATION: Owner/Operator did not comply with all operating permit conditions. CORRECTIVE ACTION: Comply with all operating permit conditions. Submit verification. 1. Tank 2: Regular Unleaded Spill Bucket Failure. No retest found
Violation Division:	Los Angeles City Fire Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	396612
Site Name:	LINCOLN HEIGHTS SERVICE CENTER
Violation Date:	03-14-2018
Citation:	HSC 6.7 25284, 25286 - California Health and Safety Code, Chapter 6.7, Section(s) 25284, 25286
Violation Description:	Failure to submit a complete and accurate application for a permit to operate a UST, or for renewal of the permit.
Violation Notes:	Returned to compliance on 04/24/2018. OBSERVATION: FINANCIAL RESPONSIBILITY MECHANISM SELECTED IS ?SELF-INSURED? BUT LETTER FROM CFO STATES LETTER IS IN SUPPORT OF "STATE FUND" AND DOES NOT MEET THE LANGUAGE OR PROVIDE THE FINANCIAL DOCUMENTATION REQUIRED FOR ""SELF-INSURANCE" BY 40 CFR 280.953 AND 280.955. CORRECTION: UPDATE FACILITY OPERATING PERMIT APPLICATION TO SUBMIT FINANCIAL DOCUMENTATION REQUIRED FOR ""SELF-INSURANCE" BY 40 CFR 280.953 AND 280.955 OR, STATE "NO" TO ""SELF-INSURANCE" AND STATE "YES" TO "OTHER MECHANISM" WITH COMMENT OF "CFO LETTER".
Violation Division:	Los Angeles City Fire Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	396612
Site Name:	LINCOLN HEIGHTS SERVICE CENTER
Violation Date:	03-16-2017
Citation:	23 CCR 16 2712(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)
Violation Description:	Failure to maintain records of repairs, lining, and upgrades on site, or off site if approved by the CUPA, for the life of the UST.
Violation Notes:	Returned to compliance on 03/14/2018. OBSERVATION: Records of repairs, linings, and upgrades for the UST system were not found on site. These records shall be kept on site for the life of the tank. CORRECTIVE ACTION: Immediately locate and maintain these records on site and submit copies to the CUPA by [date, 30 days from now]. 1. Tank 2: Regular Unleaded Spill Bucket Failure. No retest found
Violation Division:	Los Angeles City Fire Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	396612
Site Name:	LINCOLN HEIGHTS SERVICE CENTER
Violation Date:	03-14-2018
Citation:	23 CCR 16 2632(d)(1)(c),2641(h),2711(a)(8) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2632(d)(1)(c),2641(h),2711(a)(8)
Violation Description:	Failure to submit or maintain a current facility plot plan.

LINCOLN HEIGHTS SERVICE DPW (Continued) **S104159588**

Violation Notes:	Returned to compliance on 04/24/2018. OBSERVATION: UST SITE MAP IS MISSING THE RED JACKET FX1V (87 x 2) AND FX1VD (DIESEL) MECHANICAL LINE LEAK DETECTORS IN THE STP SUMPS AND IS MISSING AN APPROXIMATE PIPING RUN. CORRECTION: UPDATE UST SITE MAP TO LIST RED JACKET FX1V (87 x 2) AND FX1VD (DIESEL) MECHANICAL LINE LEAK DETECTORS IN THE STP SUMPS AND IS MISSING AN APPROXIMATE PIPING RUN. MAINTAIN ON SITE.
Violation Division:	Los Angeles City Fire Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	396612
Site Name:	LINCOLN HEIGHTS SERVICE CENTER
Violation Date:	04-22-2016
Citation:	22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description:	Failure to maintain uniform hazardous waste manifest, consolidated manifest, or bills of lading copies for three years.
Violation Notes:	Returned to compliance on 10/05/2016. OBSERVATION: Copies of hazardous waste disposal records were not available. Hazardous waste generators shall retain copies of all manifests signed off by the disposal facility and all receipts used in a consolidated manifesting procedure for three years and have them readily available for review. CORRECTIVE ACTION: Immediately locate a copy of all manifests and receipts for the last three years, and submit copies to the CUPA.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	396612
Site Name:	LINCOLN HEIGHTS SERVICE CENTER
Violation Date:	04-22-2016
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 10/11/2016. OBSERVATION: MISSING REQUIRED LABELS/ REQUIRED INFORMATION ON FOUR 55-GALLON DRUMS AT FUEL DISPENSING STATION. All hazardous waste containers shall be marked with the following information: 1) the words ?Hazardous Waste?; 2) name and address of generator; 3) hazardous properties; 4) physical state; 5) composition (contents); 6) accumulation start date. CORRECTIVE ACTION: Immediately label these containers and ensure that all hazardous waste containers are marked with all the required information.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	396612
Site Name:	LINCOLN HEIGHTS SERVICE CENTER
Violation Date:	03-20-2013
Citation:	HSC 6.11 25404.1 - California Health and Safety Code, Chapter 6.11, Section(s) 25404.1
Violation Description:	Failure to obtain and/or maintain an active hazardous waste generator permit.

LINCOLN HEIGHTS SERVICE DPW (Continued) **S104159588**

Violation Notes: Not reported
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 03-15-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: reset date
Eval Division: Los Angeles City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-22-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Thomas Dailey, Transmission & Distribution District Supervisor
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-26-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: 05/09/2016 Changed service code 106 to 006 per Royce Long request.
Eval Division: Los Angeles City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-27-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: 05/09/2016 Changed service code 106 to 006 per Royce Long request.
Eval Division: Los Angeles City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 10-05-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-14-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: LAFD Inspector Mungaray on site this date to conduct routine inspection of underground storage tank facility. Consent to enter,

LINCOLN HEIGHTS SERVICE DPW (Continued) **S104159588**

inspect and take photographs was given on this date by ROB PFEFFERLE, CONSTRUCTION EQUIPMENT SERVICE SUPERVISOR. Monitoring system certification was conducted at this time by OCTAVIO GUTIERREZ FROM ECS. Tester provided the following certifications: ICC: 8041102-UT EXP: 03-08-18 VR: A245315 EXP: 4/16/2019 VMI: #3601 EXP: 5/18/2019 The UST monitoring panel showed all functions normal. Current monitoring setup and alarm history WERE available for review. The sumps and UDCs WERE available for inspection and the sensors WERE observed positioned to detect a leak at the earliest opportunity. The spill buckets WERE also visually inspected. The Monitoring Plan WAS compared to the equipment on site. The operation of the UST system WAS compared to the conditions of the operating permit. Property Owner: Los Angeles Department of Water and [Truncated]

Eval Division: Los Angeles City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-26-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: address is 3101, on remote and cers, cers updated , tankology jeffrey crisostomo ust icc 00216571, veeder-root #b42876
Eval Division: Los Angeles City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 03-26-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: monitor certification , pass
Eval Division: Los Angeles City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 04-24-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: NOV FOLLOW-UP FOR OUTSTANDING CERS VIOLATIONS. Confirmed previously required corrections to financial responsibility and monitoring site plan were completed 04/05/2018. On site verification and CERS review completed on March 14, 2018. CONFIRMED CORRECTIONS REQUIRED FROM PRIOR REVIEW, REJECTION AND NOTICE OF VIOLATION WERE MADE. ASSIGNED RTC (RETURNED TO COMPLIANCE) QUALIFIER ENTRIES FOR REMAINING VIOLATIONS EC/ECR. UPDATED REQUIRED UST INSPECTION SPREADSHEET ENTRIES. EMAILED RESPONSIBLE FACILITY PERSONNEL TO ADVISE OF REVIEW, ACCEPTANCE AND RTC.
Eval Division: Los Angeles City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-15-2016
Violations Found: Yes
Eval Type: Routine done by local agency

LINCOLN HEIGHTS SERVICE DPW (Continued) **S104159588**

Eval Notes:	ust book review, cers review Matt Leigh will update cers, Mat gives lafd consent for inspection , do review, icc tech octavio Gutierrez 852631,
Eval Division:	Los Angeles City Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-16-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Facility Information Date: 03 - 16 -2017 Site Address: LINCOLN HEIGHTS SERVICE CENTER 3101 Artesian St Los Angeles, CA 90031 (213) 367-0403 Property Owner Los Angeles Department of Water and Power 111 North Hope Street, Room 1050 Los Angeles, CA90012 (213) 367-0403 Environmental Contact: Arthur Johnson (213) 367-6039 arthur.johnson@ladwp.com 111 N. Hope St Los Angeles, CA 90012 Tank Operator Los Angeles Department of Water and Power 111 North Hope Street, Room 1050 Los Angeles, CA 90012 (213) 367-0403 Tank Owner Los Angeles Department of Water and Power 111 North Hope Street, Room 1050 Los Angeles, CA 90012 (213) 367-0403 Tank Owner Type Non-Government Facility Type Motor Vehicle Fueling CERS ID: 10029889 Assessor Parcel Number (APN): EPA ID: Facility ID Number: BOE#: 44031906 Inspector Pleasant LAFD, on site this date to conduct routine inspection of underground [Truncated]
Eval Division:	Los Angeles City Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-20-2013
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Inspected by A Ng, HMS II Consent by D Siewert
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	03-25-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	BP and permit in process of being compliant by Matt leigh from DWP
Eval Division:	Los Angeles City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-08-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	facility inspection , cers accepted, with site map (cers) walk through and review of chemicals , David Ramsey manager gives lafd consent for inspection / warehouse / lot
Eval Division:	Los Angeles City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS

LINCOLN HEIGHTS SERVICE DPW (Continued) **S104159588**

Eval General Type: Other/Unknown
Eval Date: 08-28-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: 3101 E ARTESIAN ST REVIEWED UST ARCHIVE, RECEIVED ANNUAL MONITORING SYSTEM CERTIFICATION & SPILL BUCKET RESULTS FOR TESTING CONDUCTED ON 3-16-2017 BY OCTAVIO GUTIERREZ WITH ECS. CONFIRMED RESULTS WERE REQUESTED, RECEIVED, SCANNED/DOWNLOADED AND/OR ATTACHED IN ENVISION.
Eval Division: Los Angeles City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-26-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: The address is under 3101, cers is up to date , tanknology tech jeffrey Crisostomo ust icc 00216571, veeder-root #b42876,
Eval Division: Los Angeles City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 04-26-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: REVIEWED RECEIVED ANNUAL MONITORING SYSTEM CERTIFICATION & SPILL BUCKET RESULTS FOR TESTING CONDUCTED ON 03-14-18 BY OCTAVIO GUTIERREZ FROM ECS. CONFIRMED RESULTS WERE RECEIVED, SCANNED/DOWNLOADED AND ATTACHED IN ENVISION. NO FAILURES NOTED ON REPORT.
Eval Division: Los Angeles City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 10-06-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Coordinates:
Site ID: 396612
Facility Name: LINCOLN HEIGHTS SERVICE CENTER
Env Int Type Code: HMBP
Program ID: 10029889
Coord Name: Not reported
Ref Point Type Desc: Unknown
Latitude: 34.080746
Longitude: -118.218981

Affiliation:
Affiliation Type Desc: Parent Corporation
Entity Name: Los Angeles Department of Water and Power

LINCOLN HEIGHTS SERVICE DPW (Continued) **S104159588**

Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	UST Tank Owner
Entity Name:	Los Angeles Department of Water and Power
Entity Title:	Not reported
Affiliation Address:	111 North Hope Street, Room 1050
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90012
Affiliation Phone:	(213) 367-0403
Affiliation Type Desc:	CUPA District
Entity Name:	Los Angeles City Fire Department
Entity Title:	Not reported
Affiliation Address:	200 North Main Street, Room 1780
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90012
Affiliation Phone:	(213) 978-3680
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	111 North Hope Street, Room 1050
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90012
Affiliation Phone:	Not reported
Affiliation Type Desc:	Operator
Entity Name:	Los Angeles Department of Water and Power
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(213) 367-0403
Affiliation Type Desc:	Legal Owner
Entity Name:	Los Angeles Department of Water and Power
Entity Title:	Not reported
Affiliation Address:	111 North Hope Street, Room 1050
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90012
Affiliation Phone:	(213) 367-0403

LINCOLN HEIGHTS SERVICE DPW (Continued) **S104159588**

Affiliation Type Desc:	Property Owner
Entity Name:	Los Angeles Department of Water and Power
Entity Title:	Not reported
Affiliation Address:	111 North Hope Street, Room 1050
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90012
Affiliation Phone:	(213) 367-0403

Affiliation Type Desc:	Environmental Contact
Entity Name:	Jennifer Madden
Entity Title:	Not reported
Affiliation Address:	111 N. Hope St
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90012
Affiliation Phone:	Not reported

Affiliation Type Desc:	UST Permit Applicant
Entity Name:	Jennifer Madden
Entity Title:	Environmental Affairs Officer
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(213) 367-0407

Affiliation Type Desc:	UST Property Owner Name
Entity Name:	Los Angeles Department of Water and Power
Entity Title:	Not reported
Affiliation Address:	111 North Hope Street, Room 1050
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90012
Affiliation Phone:	(213) 367-0403

Affiliation Type Desc:	UST Tank Operator
Entity Name:	Los Angeles Department of Water and Power
Entity Title:	Not reported
Affiliation Address:	111 North Hope Street, Room 1050
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90012
Affiliation Phone:	(213) 367-0403

Site ID:	396612
CERS ID:	10029889
CERS Description:	Hazardous Waste Generator

Violations:

Site ID:	396612
Site Name:	LINCOLN HEIGHTS SERVICE CENTER

LINCOLN HEIGHTS SERVICE DPW (Continued) **S104159588**

Violation Date:	03-15-2016
Citation:	23 CCR 16 2665 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665
Violation Description:	Failure to comply with one or more of the following: failure to install a spill bucket, have a functional drain valve or other method for the removal of liquid from the spill bucket/spill container, and/or be resistant to galvanic corrosion.
Violation Notes:	Returned to compliance on 03/14/2018. fail on spill bucket , replace and apply for permit
Violation Division:	Los Angeles City Fire Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	396612
Site Name:	LINCOLN HEIGHTS SERVICE CENTER
Violation Date:	03-16-2017
Citation:	23 CCR 16 2712 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712
Violation Description:	Failure to comply with any of the applicable requirements of the permit issued for the operation of the UST system.
Violation Notes:	Returned to compliance on 03/14/2018. OBSERVATION: Owner/Operator did not comply with all operating permit conditions. CORRECTIVE ACTION: Comply with all operating permit conditions. Submit verification. 1. Tank 2: Regular Unleaded Spill Bucket Failure. No retest found
Violation Division:	Los Angeles City Fire Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	396612
Site Name:	LINCOLN HEIGHTS SERVICE CENTER
Violation Date:	03-14-2018
Citation:	HSC 6.7 25284, 25286 - California Health and Safety Code, Chapter 6.7, Section(s) 25284, 25286
Violation Description:	Failure to submit a complete and accurate application for a permit to operate a UST, or for renewal of the permit.
Violation Notes:	Returned to compliance on 04/24/2018. OBSERVATION: FINANCIAL RESPONSIBILITY MECHANISM SELECTED IS ?SELF-INSURED? BUT LETTER FROM CFO STATES LETTER IS IN SUPPORT OF "STATE FUND" AND DOES NOT MEET THE LANGUAGE OR PROVIDE THE FINANCIAL DOCUMENTATION REQUIRED FOR ""SELF-INSURANCE" BY 40 CFR 280.953 AND 280.955. CORRECTION: UPDATE FACILITY OPERATING PERMIT APPLICATION TO SUBMIT FINANCIAL DOCUMENTATION REQUIRED FOR ""SELF-INSURANCE" BY 40 CFR 280.953 AND 280.955 OR, STATE "NO" TO ""SELF-INSURANCE" AND STATE "YES" TO "OTHER MECHANISM" WITH COMMENT OF "CFO LETTER".
Violation Division:	Los Angeles City Fire Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	396612
Site Name:	LINCOLN HEIGHTS SERVICE CENTER
Violation Date:	03-16-2017
Citation:	23 CCR 16 2712(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)
Violation Description:	Failure to maintain records of repairs, lining, and upgrades on site, or off site if approved by the CUPA, for the life of the UST.
Violation Notes:	Returned to compliance on 03/14/2018. OBSERVATION: Records of repairs, linings, and upgrades for the UST system were not found on site. These

LINCOLN HEIGHTS SERVICE DPW (Continued) **S104159588**

records shall be kept on site for the life of the tank. CORRECTIVE ACTION: Immediately locate and maintain these records on site and submit copies to the CUPA by [date, 30 days from now]. 1. Tank 2: Regular Unleaded Spill Bucket Failure. No retest found

Violation Division: Los Angeles City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 396612
Site Name: LINCOLN HEIGHTS SERVICE CENTER
Violation Date: 03-14-2018
Citation: 23 CCR 16 2632(d)(1)(c),2641(h),2711(a)(8) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2632(d)(1)(c),2641(h),2711(a)(8)
Violation Description: Failure to submit or maintain a current facility plot plan.
Violation Notes: Returned to compliance on 04/24/2018. OBSERVATION: UST SITE MAP IS MISSING THE RED JACKET FX1V (87 x 2) AND FX1VD (DIESEL) MECHANICAL LINE LEAK DETECTORS IN THE STP SUMPS AND IS MISSING AN APPROXIMATE PIPING RUN. CORRECTION: UPDATE UST SITE MAP TO LIST RED JACKET FX1V (87 x 2) AND FX1VD (DIESEL) MECHANICAL LINE LEAK DETECTORS IN THE STP SUMPS AND IS MISSING AN APPROXIMATE PIPING RUN. MAINTAIN ON SITE.
Violation Division: Los Angeles City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 396612
Site Name: LINCOLN HEIGHTS SERVICE CENTER
Violation Date: 04-22-2016
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description: Failure to maintain uniform hazardous waste manifest, consolidated manifest, or bills of lading copies for three years.
Violation Notes: Returned to compliance on 10/05/2016. OBSERVATION: Copies of hazardous waste disposal records were not available. Hazardous waste generators shall retain copies of all manifests signed off by the disposal facility and all receipts used in a consolidated manifesting procedure for three years and have them readily available for review. CORRECTIVE ACTION: Immediately locate a copy of all manifests and receipts for the last three years, and submit copies to the CUPA.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 396612
Site Name: LINCOLN HEIGHTS SERVICE CENTER
Violation Date: 04-22-2016
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 10/11/2016. OBSERVATION: MISSING REQUIRED LABELS/ REQUIRED INFORMATION ON FOUR 55-GALLON DRUMS AT FUEL DISPENSING STATION. All hazardous waste containers shall be marked with the following information: 1) the words ?Hazardous Waste?; 2) name and address of generator; 3) hazardous properties; 4) physical

LINCOLN HEIGHTS SERVICE DPW (Continued) **S104159588**

state; 5) composition (contents); 6) accumulation start date.
CORRECTIVE ACTION: Immediately label these containers and ensure that all hazardous waste containers are marked with all the required information.

Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 396612
Site Name: LINCOLN HEIGHTS SERVICE CENTER
Violation Date: 03-20-2013
Citation: HSC 6.11 25404.1 - California Health and Safety Code, Chapter 6.11, Section(s) 25404.1
Violation Description: Failure to obtain and/or maintain an active hazardous waste generator permit.
Violation Notes: Not reported
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 03-15-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: reset date
Eval Division: Los Angeles City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-22-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Thomas Dailey, Transmission & Distribution District Supervisor
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-26-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: 05/09/2016 Changed service code 106 to 006 per Royce Long request.
Eval Division: Los Angeles City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-27-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: 05/09/2016 Changed service code 106 to 006 per Royce Long request.
Eval Division: Los Angeles City Fire Department
Eval Program: UST
Eval Source: CERS

LINCOLN HEIGHTS SERVICE DPW (Continued) **S104159588**

Eval General Type:	Other/Unknown
Eval Date:	10-05-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-14-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	LAFD Inspector Mungaray on site this date to conduct routine inspection of underground storage tank facility. Consent to enter, inspect and take photographs was given on this date by ROB PFEFFERLE, CONSTRUCTION EQUIPMENT SERVICE SUPERVISOR. Monitoring system certification was conducted at this time by OCTAVIO GUTIERREZ FROM ECS. Tester provided the following certifications: ICC: 8041102-UT EXP: 03-08-18 VR: A245315 EXP: 4/16/2019 VMI: #3601 EXP: 5/18/2019 The UST monitoring panel showed all functions normal. Current monitoring setup and alarm history WERE available for review. The sumps and UDCs WERE available for inspection and the sensors WERE observed positioned to detect a leak at the earliest opportunity. The spill buckets WERE also visually inspected. The Monitoring Plan WAS compared to the equipment on site. The operation of the UST system WAS compared to the conditions of the operating permit. Property Owner: Los Angeles Department of Water and [Truncated]
Eval Division:	Los Angeles City Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-26-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	address is 3101, on remote and cers, cers updated , tankology jeffrey crisostomo ust icc 00216571, veeder-root #b42876
Eval Division:	Los Angeles City Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	03-26-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	monitor certification , pass
Eval Division:	Los Angeles City Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	04-24-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	NOV FOLLOW-UP FOR OUTSTANDING CERS VIOLATIONS. Confirmed previously required corrections to financial responsibility and monitoring site

LINCOLN HEIGHTS SERVICE DPW (Continued) **S104159588**

plan were completed 04/05/2018. On site verification and CERS review completed on March 14, 2018. CONFIRMED CORRECTIONS REQUIRED FROM PRIOR REVIEW, REJECTION AND NOTICE OF VIOLATION WERE MADE. ASSIGNED RTC (RETURNED TO COMPLIANCE) QUALIFIER ENTRIES FOR REMAINING VIOLATIONS EC/ECR. UPDATED REQUIRED UST INSPECTION SPREADSHEET ENTRIES. EMAILED RESPONSIBLE FACILITY PERSONNEL TO ADVISE OF REVIEW, ACCEPTANCE AND RTC.

Eval Division: Los Angeles City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-15-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: ust book review, cers review Matt Leigh will update cers, Mat gives lafd consent for inspection , do review, icc tech octavio Gutierrez 852631,
Eval Division: Los Angeles City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-16-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Facility Information Date: 03 - 16 -2017 Site Address: LINCOLN HEIGHTS SERVICE CENTER 3101 Artesian St Los Angeles, CA 90031 (213) 367-0403 Property Owner Los Angeles Department of Water and Power 111 North Hope Street, Room 1050 Los Angeles, CA90012 (213) 367-0403 Environmental Contact: Arthur Johnson (213) 367-6039 arthur.johnson@ladwp.com 111 N. Hope St Los Angeles, CA 90012 Tank Operator Los Angeles Department of Water and Power 111 North Hope Street, Room 1050 Los Angeles, CA 90012 (213) 367-0403 Tank Owner Los Angeles Department of Water and Power 111 North Hope Street, Room 1050 Los Angeles, CA 90012 (213) 367-0403 Tank Owner Type Non-Government Facility Type Motor Vehicle Fueling CERS ID: 10029889 Assessor Parcel Number (APN): EPA ID: Facility ID Number: BOE#: 44031906 Inspector Pleasant LAFD, on site this date to conduct routine inspection of underground [Truncated]
Eval Division: Los Angeles City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-20-2013
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspected by A Ng, HMS II Consent by D Siewert
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 03-25-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency

LINCOLN HEIGHTS SERVICE DPW (Continued) **S104159588**

Eval Notes:	BP and permit in process of being compliant by Matt leigh from DWP
Eval Division:	Los Angeles City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-08-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	facility inspection , cers accepted, with site map (cers) walk through and review of chemicals , David Ramsey manager gives lafd consent for inspection / warehouse / lot
Eval Division:	Los Angeles City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	08-28-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	3101 E ARTESIAN ST REVIEWED UST ARCHIVE, RECEIVED ANNUAL MONITORING SYSTEM CERTIFICATION & SPILL BUCKET RESULTS FOR TESTING CONDUCTED ON 3-16-2017 BY OCTAVIO GUTIERREZ WITH ECS. CONFIRMED RESULTS WERE REQUESTED, RECEIVED, SCANNED/DOWNLOADED AND/OR ATTACHED IN ENVISION.
Eval Division:	Los Angeles City Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-26-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	The address is under 3101, cers is up to date , tanknology tech jeffrey Crisostomo ust icc 00216571, veeder-root #b42876,
Eval Division:	Los Angeles City Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	04-26-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	REVIEWED RECEIVED ANNUAL MONITORING SYSTEM CERTIFICATION & SPILL BUCKET RESULTS FOR TESTING CONDUCTED ON 03-14-18 BY OCTAVIO GUTIERREZ FROM ECS. CONFIRMED RESULTS WERE RECEIVED, SCANNED/DOWNLOADED AND ATTACHED IN ENVISION. NO FAILURES NOTED ON REPORT.
Eval Division:	Los Angeles City Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	10-06-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW

LINCOLN HEIGHTS SERVICE DPW (Continued) **S104159588**

Eval Source: CERS

Coordinates:
Site ID: 396612
Facility Name: LINCOLN HEIGHTS SERVICE CENTER
Env Int Type Code: HMBP
Program ID: 10029889
Coord Name: Not reported
Ref Point Type Desc: Unknown
Latitude: 34.080746
Longitude: -118.218981

Affiliation:
Affiliation Type Desc: Parent Corporation
Entity Name: Los Angeles Department of Water and Power
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: UST Tank Owner
Entity Name: Los Angeles Department of Water and Power
Entity Title: Not reported
Affiliation Address: 111 North Hope Street, Room 1050
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 90012
Affiliation Phone: (213) 367-0403

Affiliation Type Desc: CUPA District
Entity Name: Los Angeles City Fire Department
Entity Title: Not reported
Affiliation Address: 200 North Main Street, Room 1780
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90012
Affiliation Phone: (213) 978-3680

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 111 North Hope Street, Room 1050
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90012
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: Los Angeles Department of Water and Power
Entity Title: Not reported

LINCOLN HEIGHTS SERVICE DPW (Continued) **S104159588**

Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(213) 367-0403

Affiliation Type Desc:	Legal Owner
Entity Name:	Los Angeles Department of Water and Power
Entity Title:	Not reported
Affiliation Address:	111 North Hope Street, Room 1050
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90012
Affiliation Phone:	(213) 367-0403

Affiliation Type Desc:	Property Owner
Entity Name:	Los Angeles Department of Water and Power
Entity Title:	Not reported
Affiliation Address:	111 North Hope Street, Room 1050
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90012
Affiliation Phone:	(213) 367-0403

Affiliation Type Desc:	Environmental Contact
Entity Name:	Jennifer Madden
Entity Title:	Not reported
Affiliation Address:	111 N. Hope St
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90012
Affiliation Phone:	Not reported

Affiliation Type Desc:	UST Permit Applicant
Entity Name:	Jennifer Madden
Entity Title:	Environmental Affairs Officer
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(213) 367-0407

Affiliation Type Desc:	UST Property Owner Name
Entity Name:	Los Angeles Department of Water and Power
Entity Title:	Not reported
Affiliation Address:	111 North Hope Street, Room 1050
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90012
Affiliation Phone:	(213) 367-0403

LINCOLN HEIGHTS SERVICE DPW (Continued) **S104159588**

Affiliation Type Desc:	UST Tank Operator
Entity Name:	Los Angeles Department of Water and Power
Entity Title:	Not reported
Affiliation Address:	111 North Hope Street, Room 1050
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90012
Affiliation Phone:	(213) 367-0403

HIST UST:

File Number:	0002760A
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002760A.pdf
Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Total Tanks:	Not reported
Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Click here for Geo Tracker PDF:

CERS TANKS:

Facility Name:	LINCOLN HEIGHTS SERVICE CENTER
Site ID:	396612
CERS ID:	10029889
CERS Description:	Underground Storage Tank

Violations:

Site ID:	396612
Site Name:	LINCOLN HEIGHTS SERVICE CENTER
Violation Date:	03-15-2016
Citation:	23 CCR 16 2665 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665
Violation Description:	Failure to comply with one or more of the following: failure to install a spill bucket, have a functional drain valve or other method for the removal of liquid from the spill bucket/spill container, and/or be resistant to galvanic corrosion.
Violation Notes:	Returned to compliance on 03/14/2018. fail on spill bucket , replace and apply for permit
Violation Division:	Los Angeles City Fire Department
Violation Program:	UST
Violation Source:	CERS

LINCOLN HEIGHTS SERVICE DPW (Continued) **S104159588**

Site ID:	396612
Site Name:	LINCOLN HEIGHTS SERVICE CENTER
Violation Date:	03-16-2017
Citation:	23 CCR 16 2712 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712
Violation Description:	Failure to comply with any of the applicable requirements of the permit issued for the operation of the UST system.
Violation Notes:	Returned to compliance on 03/14/2018. OBSERVATION: Owner/Operator did not comply with all operating permit conditions. CORRECTIVE ACTION: Comply with all operating permit conditions. Submit verification. 1. Tank 2: Regular Unleaded Spill Bucket Failure. No retest found
Violation Division:	Los Angeles City Fire Department
Violation Program:	UST
Violation Source:	CERS

Site ID:	396612
Site Name:	LINCOLN HEIGHTS SERVICE CENTER
Violation Date:	03-14-2018
Citation:	HSC 6.7 25284, 25286 - California Health and Safety Code, Chapter 6.7, Section(s) 25284, 25286
Violation Description:	Failure to submit a complete and accurate application for a permit to operate a UST, or for renewal of the permit.
Violation Notes:	Returned to compliance on 04/24/2018. OBSERVATION: FINANCIAL RESPONSIBILITY MECHANISM SELECTED IS ?SELF-INSURED? BUT LETTER FROM CFO STATES LETTER IS IN SUPPORT OF "STATE FUND" AND DOES NOT MEET THE LANGUAGE OR PROVIDE THE FINANCIAL DOCUMENTATION REQUIRED FOR ""SELF-INSURANCE" BY 40 CFR 280.953 AND 280.955. CORRECTION: UPDATE FACILITY OPERATING PERMIT APPLICATION TO SUBMIT FINANCIAL DOCUMENTATION REQUIRED FOR ""SELF-INSURANCE" BY 40 CFR 280.953 AND 280.955 OR, STATE "NO" TO ""SELF-INSURANCE" AND STATE "YES" TO "OTHER MECHANISM" WITH COMMENT OF "CFO LETTER".
Violation Division:	Los Angeles City Fire Department
Violation Program:	UST
Violation Source:	CERS

Site ID:	396612
Site Name:	LINCOLN HEIGHTS SERVICE CENTER
Violation Date:	03-16-2017
Citation:	23 CCR 16 2712(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)
Violation Description:	Failure to maintain records of repairs, lining, and upgrades on site, or off site if approved by the CUPA, for the life of the UST.
Violation Notes:	Returned to compliance on 03/14/2018. OBSERVATION: Records of repairs, linings, and upgrades for the UST system were not found on site. These records shall be kept on site for the life of the tank. CORRECTIVE ACTION: Immediately locate and maintain these records on site and submit copies to the CUPA by [date, 30 days from now]. 1. Tank 2: Regular Unleaded Spill Bucket Failure. No retest found
Violation Division:	Los Angeles City Fire Department
Violation Program:	UST
Violation Source:	CERS

Site ID:	396612
Site Name:	LINCOLN HEIGHTS SERVICE CENTER
Violation Date:	03-14-2018
Citation:	23 CCR 16 2632(d)(1)(c),2641(h),2711(a)(8) - California Code of Regulations, Title 23, Chapter 16, Section(s)

LINCOLN HEIGHTS SERVICE DPW (Continued) **S104159588**

2632(d)(1)(c),2641(h),2711(a)(8)
Violation Description: Failure to submit or maintain a current facility plot plan.
Violation Notes: Returned to compliance on 04/24/2018. OBSERVATION: UST SITE MAP IS MISSING THE RED JACKET FX1V (87 x 2) AND FX1VD (DIESEL) MECHANICAL LINE LEAK DETECTORS IN THE STP SUMPS AND IS MISSING AN APPROXIMATE PIPING RUN. CORRECTION: UPDATE UST SITE MAP TO LIST RED JACKET FX1V (87 x 2) AND FX1VD (DIESEL) MECHANICAL LINE LEAK DETECTORS IN THE STP SUMPS AND IS MISSING AN APPROXIMATE PIPING RUN. MAINTAIN ON SITE.
Violation Division: Los Angeles City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 396612
Site Name: LINCOLN HEIGHTS SERVICE CENTER
Violation Date: 04-22-2016
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description: Failure to maintain uniform hazardous waste manifest, consolidated manifest, or bills of lading copies for three years.
Violation Notes: Returned to compliance on 10/05/2016. OBSERVATION: Copies of hazardous waste disposal records were not available. Hazardous waste generators shall retain copies of all manifests signed off by the disposal facility and all receipts used in a consolidated manifesting procedure for three years and have them readily available for review. CORRECTIVE ACTION: Immediately locate a copy of all manifests and receipts for the last three years, and submit copies to the CUPA.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 396612
Site Name: LINCOLN HEIGHTS SERVICE CENTER
Violation Date: 04-22-2016
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 10/11/2016. OBSERVATION: MISSING REQUIRED LABELS/ REQUIRED INFORMATION ON FOUR 55-GALLON DRUMS AT FUEL DISPENSING STATION. All hazardous waste containers shall be marked with the following information: 1) the words ?Hazardous Waste?; 2) name and address of generator; 3) hazardous properties; 4) physical state; 5) composition (contents); 6) accumulation start date. CORRECTIVE ACTION: Immediately label these containers and ensure that all hazardous waste containers are marked with all the required information.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 396612
Site Name: LINCOLN HEIGHTS SERVICE CENTER
Violation Date: 03-20-2013
Citation: HSC 6.11 25404.1 - California Health and Safety Code, Chapter 6.11, Section(s) 25404.1

LINCOLN HEIGHTS SERVICE DPW (Continued) **S104159588**

Violation Description: Failure to obtain and/or maintain an active hazardous waste generator permit.
Violation Notes: Not reported
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 03-15-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: reset date
Eval Division: Los Angeles City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-22-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Thomas Dailey, Transmission & Distribution District Supervisor
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-26-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: 05/09/2016 Changed service code 106 to 006 per Royce Long request.
Eval Division: Los Angeles City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-27-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: 05/09/2016 Changed service code 106 to 006 per Royce Long request.
Eval Division: Los Angeles City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 10-05-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-14-2018
Violations Found: Yes
Eval Type: Routine done by local agency

LINCOLN HEIGHTS SERVICE DPW (Continued) **S104159588**

Eval Notes:	LAFD Inspector Mungaray on site this date to conduct routine inspection of underground storage tank facility. Consent to enter, inspect and take photographs was given on this date by ROB PFEFFERLE, CONSTRUCTION EQUIPMENT SERVICE SUPERVISOR. Monitoring system certification was conducted at this time by OCTAVIO GUTIERREZ FROM ECS. Tester provided the following certifications: ICC: 8041102-UT EXP: 03-08-18 VR: A245315 EXP: 4/16/2019 VMI: #3601 EXP: 5/18/2019 The UST monitoring panel showed all functions normal. Current monitoring setup and alarm history WERE available for review. The sumps and UDCs WERE available for inspection and the sensors WERE observed positioned to detect a leak at the earliest opportunity. The spill buckets WERE also visually inspected. The Monitoring Plan WAS compared to the equipment on site. The operation of the UST system WAS compared to the conditions of the operating permit. Property Owner: Los Angeles Department of Water and [Truncated]
Eval Division:	Los Angeles City Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-26-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	address is 3101, on remote and cers, cers updated , tankology jeffrey crisostomo ust icc 00216571, veeder-root #b42876
Eval Division:	Los Angeles City Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	03-26-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	monitor certification , pass
Eval Division:	Los Angeles City Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	04-24-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	NOV FOLLOW-UP FOR OUTSTANDING CERS VIOLATIONS. Confirmed previously required corrections to financial responsibility and monitoring site plan were completed 04/05/2018. On site verification and CERS review completed on March 14, 2018. CONFIRMED CORRECTIONS REQUIRED FROM PRIOR REVIEW, REJECTION AND NOTICE OF VIOLATION WERE MADE. ASSIGNED RTC (RETURNED TO COMPLIANCE) QUALIFIER ENTRIES FOR REMAINING VIOLATIONS EC/ECR. UPDATED REQUIRED UST INSPECTION SPREADSHEET ENTRIES. EMAILED RESPONSIBLE FACILITY PERSONNEL TO ADVISE OF REVIEW, ACCEPTANCE AND RTC.
Eval Division:	Los Angeles City Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-15-2016

LINCOLN HEIGHTS SERVICE DPW (Continued) **S104159588**

Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	ust book review, cers review Matt Leigh will update cers, Mat gives lafd consent for inspection , do review, icc tech octavio Gutierrez 852631,
Eval Division:	Los Angeles City Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-16-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Facility Information Date: 03 - 16 -2017 Site Address: LINCOLN HEIGHTS SERVICE CENTER 3101 Artesian St Los Angeles, CA 90031 (213) 367-0403 Property Owner Los Angeles Department of Water and Power 111 North Hope Street, Room 1050 Los Angeles, CA90012 (213) 367-0403 Environmental Contact: Arthur Johnson (213) 367-6039 arthur.johnson@ladwp.com 111 N. Hope St Los Angeles, CA 90012 Tank Operator Los Angeles Department of Water and Power 111 North Hope Street, Room 1050 Los Angeles, CA 90012 (213) 367-0403 Tank Owner Los Angeles Department of Water and Power 111 North Hope Street, Room 1050 Los Angeles, CA 90012 (213) 367-0403 Tank Owner Type Non-Government Facility Type Motor Vehicle Fueling CERS ID: 10029889 Assessor Parcel Number (APN): EPA ID: Facility ID Number: BOE#: 44031906 Inspector Pleasant LAFD, on site this date to conduct routine inspection of underground [Truncated]
Eval Division:	Los Angeles City Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-20-2013
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Inspected by A Ng, HMS II Consent by D Siewert
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	03-25-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	BP and permit in process of being compliant by Matt leigh from DWP
Eval Division:	Los Angeles City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-08-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	facility inspection , cers accepted, with site map (cers) walk through and review of chemicals , David Ramsey manager gives lafd consent for inspection / warehouse / lot
Eval Division:	Los Angeles City Fire Department

LINCOLN HEIGHTS SERVICE DPW (Continued) **S104159588**

Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	08-28-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	3101 E ARTESIAN ST REVIEWED UST ARCHIVE, RECEIVED ANNUAL MONITORING SYSTEM CERTIFICATION & SPILL BUCKET RESULTS FOR TESTING CONDUCTED ON 3-16-2017 BY OCTAVIO GUTIERREZ WITH ECS. CONFIRMED RESULTS WERE REQUESTED, RECEIVED, SCANNED/DOWNLOADED AND/OR ATTACHED IN ENVISION.
Eval Division:	Los Angeles City Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-26-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	The address is under 3101, cers is up to date , tanknology tech jeffrey Crisostomo ust icc 00216571, veeder-root #b42876,
Eval Division:	Los Angeles City Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	04-26-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	REVIEWED RECEIVED ANNUAL MONITORING SYSTEM CERTIFICATION & SPILL BUCKET RESULTS FOR TESTING CONDUCTED ON 03-14-18 BY OCTAVIO GUTIERREZ FROM ECS. CONFIRMED RESULTS WERE RECEIVED, SCANNED/DOWNLOADED AND ATTACHED IN ENVISION. NO FAILURES NOTED ON REPORT.
Eval Division:	Los Angeles City Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	10-06-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS

Coordinates:

Site ID:	396612
Facility Name:	LINCOLN HEIGHTS SERVICE CENTER
Env Int Type Code:	HMBP
Program ID:	10029889
Coord Name:	Not reported
Ref Point Type Desc:	Unknown
Latitude:	34.080746
Longitude:	-118.218981

LINCOLN HEIGHTS SERVICE DPW (Continued) **S104159588**

Affiliation:

Affiliation Type Desc:	Parent Corporation
Entity Name:	Los Angeles Department of Water and Power
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	UST Tank Owner
Entity Name:	Los Angeles Department of Water and Power
Entity Title:	Not reported
Affiliation Address:	111 North Hope Street, Room 1050
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90012
Affiliation Phone:	(213) 367-0403

Affiliation Type Desc:	CUPA District
Entity Name:	Los Angeles City Fire Department
Entity Title:	Not reported
Affiliation Address:	200 North Main Street, Room 1780
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90012
Affiliation Phone:	(213) 978-3680

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	111 North Hope Street, Room 1050
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90012
Affiliation Phone:	Not reported

Affiliation Type Desc:	Operator
Entity Name:	Los Angeles Department of Water and Power
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(213) 367-0403

Affiliation Type Desc:	Legal Owner
Entity Name:	Los Angeles Department of Water and Power
Entity Title:	Not reported
Affiliation Address:	111 North Hope Street, Room 1050
Affiliation City:	Los Angeles
Affiliation State:	CA

LINCOLN HEIGHTS SERVICE DPW (Continued) **S104159588**

Affiliation Country: United States
Affiliation Zip: 90012
Affiliation Phone: (213) 367-0403

Affiliation Type Desc: Property Owner
Entity Name: Los Angeles Department of Water and Power
Entity Title: Not reported
Affiliation Address: 111 North Hope Street, Room 1050
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 90012
Affiliation Phone: (213) 367-0403

Affiliation Type Desc: Environmental Contact
Entity Name: Jennifer Madden
Entity Title: Not reported
Affiliation Address: 111 N. Hope St
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90012
Affiliation Phone: Not reported

Affiliation Type Desc: UST Permit Applicant
Entity Name: Jennifer Madden
Entity Title: Environmental Affairs Officer
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (213) 367-0407

Affiliation Type Desc: UST Property Owner Name
Entity Name: Los Angeles Department of Water and Power
Entity Title: Not reported
Affiliation Address: 111 North Hope Street, Room 1050
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 90012
Affiliation Phone: (213) 367-0403

Affiliation Type Desc: UST Tank Operator
Entity Name: Los Angeles Department of Water and Power
Entity Title: Not reported
Affiliation Address: 111 North Hope Street, Room 1050
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 90012
Affiliation Phone: (213) 367-0403

HIST CORTESE:
edr_fname: LINCOLN HEIGHTS SERVICE D

LINCOLN HEIGHTS SERVICE DPW (Continued) **S104159588**

edr_fadd1: 3101 ARTESIAN
City,State,Zip: LOS ANGELES, CA 90031
Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: 900310161

CERS TANKS:
Site ID: 396612
CERS ID: 10029889
Site Name: LINCOLN HEIGHTS SERVICE CENTER
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 396612
Site Name: LINCOLN HEIGHTS SERVICE CENTER
Violation Date: 03-15-2016
Citation: 23 CCR 16 2665 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665
Violation Description: Failure to comply with one or more of the following: failure to install a spill bucket, have a functional drain valve or other method for the removal of liquid from the spill bucket/spill container, and/or be resistant to galvanic corrosion.
Violation Notes: Returned to compliance on 03/14/2018. fail on spill bucket , replace and apply for permit
Violation Division: Los Angeles City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 396612
Site Name: LINCOLN HEIGHTS SERVICE CENTER
Violation Date: 03-16-2017
Citation: 23 CCR 16 2712 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712
Violation Description: Failure to comply with any of the applicable requirements of the permit issued for the operation of the UST system.
Violation Notes: Returned to compliance on 03/14/2018. OBSERVATION: Owner/Operator did not comply with all operating permit conditions. CORRECTIVE ACTION: Comply with all operating permit conditions. Submit verification. 1. Tank 2: Regular Unleaded Spill Bucket Failure. No retest found
Violation Division: Los Angeles City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 396612
Site Name: LINCOLN HEIGHTS SERVICE CENTER
Violation Date: 03-14-2018
Citation: HSC 6.7 25284, 25286 - California Health and Safety Code, Chapter 6.7, Section(s) 25284, 25286
Violation Description: Failure to submit a complete and accurate application for a permit to operate a UST, or for renewal of the permit.
Violation Notes: Returned to compliance on 04/24/2018. OBSERVATION: FINANCIAL RESPONSIBILITY MECHANISM SELECTED IS ?SELF-INSURED? BUT LETTER FROM CFO STATES LETTER IS IN SUPPORT OF "STATE FUND" AND DOES NOT MEET THE LANGUAGE OR PROVIDE THE FINANCIAL DOCUMENTATION REQUIRED FOR ""SELF-INSURANCE" BY 40 CFR 280.953 AND 280.955. CORRECTION: UPDATE FACILITY OPERATING PERMIT APPLICATION TO SUBMIT FINANCIAL

LINCOLN HEIGHTS SERVICE DPW (Continued) **S104159588**

DOCUMENTATION REQUIRED FOR ""SELF-INSURANCE" BY 40 CFR 280.953 AND 280.955 OR, STATE "NO" TO ""SELF-INSURANCE" AND STATE "YES" TO "OTHER MECHANISM" WITH COMMENT OF "CFO LETTER".

Violation Division: Los Angeles City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 396612
Site Name: LINCOLN HEIGHTS SERVICE CENTER
Violation Date: 03-16-2017
Citation: 23 CCR 16 2712(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)
Violation Description: Failure to maintain records of repairs, lining, and upgrades on site, or off site if approved by the CUPA, for the life of the UST.
Violation Notes: Returned to compliance on 03/14/2018. OBSERVATION: Records of repairs, linings, and upgrades for the UST system were not found on site. These records shall be kept on site for the life of the tank. CORRECTIVE ACTION: Immediately locate and maintain these records on site and submit copies to the CUPA by [date, 30 days from now]. 1. Tank 2: Regular Unleaded Spill Bucket Failure. No retest found
Violation Division: Los Angeles City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 396612
Site Name: LINCOLN HEIGHTS SERVICE CENTER
Violation Date: 03-14-2018
Citation: 23 CCR 16 2632(d)(1)(c),2641(h),2711(a)(8) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2632(d)(1)(c),2641(h),2711(a)(8)
Violation Description: Failure to submit or maintain a current facility plot plan.
Violation Notes: Returned to compliance on 04/24/2018. OBSERVATION: UST SITE MAP IS MISSING THE RED JACKET FX1V (87 x 2) AND FX1VD (DIESEL) MECHANICAL LINE LEAK DETECTORS IN THE STP SUMPS AND IS MISSING AN APPROXIMATE PIPING RUN. CORRECTION: UPDATE UST SITE MAP TO LIST RED JACKET FX1V (87 x 2) AND FX1VD (DIESEL) MECHANICAL LINE LEAK DETECTORS IN THE STP SUMPS AND IS MISSING AN APPROXIMATE PIPING RUN. MAINTAIN ON SITE.
Violation Division: Los Angeles City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 396612
Site Name: LINCOLN HEIGHTS SERVICE CENTER
Violation Date: 04-22-2016
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description: Failure to maintain uniform hazardous waste manifest, consolidated manifest, or bills of lading copies for three years.
Violation Notes: Returned to compliance on 10/05/2016. OBSERVATION: Copies of hazardous waste disposal records were not available. Hazardous waste generators shall retain copies of all manifests signed off by the disposal facility and all receipts used in a consolidated manifesting procedure for three years and have them readily available for review. CORRECTIVE ACTION: Immediately locate a copy of all manifests and receipts for the last three years, and submit copies to the CUPA.
Violation Division: Los Angeles County Fire Department
Violation Program: HW

LINCOLN HEIGHTS SERVICE DPW (Continued) **S104159588**

Violation Source: CERS

Site ID: 396612
Site Name: LINCOLN HEIGHTS SERVICE CENTER
Violation Date: 04-22-2016
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 10/11/2016. OBSERVATION: MISSING REQUIRED LABELS/ REQUIRED INFORMATION ON FOUR 55-GALLON DRUMS AT FUEL DISPENSING STATION. All hazardous waste containers shall be marked with the following information: 1) the words ?Hazardous Waste?; 2) name and address of generator; 3) hazardous properties; 4) physical state; 5) composition (contents); 6) accumulation start date. CORRECTIVE ACTION: Immediately label these containers and ensure that all hazardous waste containers are marked with all the required information.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 396612
Site Name: LINCOLN HEIGHTS SERVICE CENTER
Violation Date: 03-20-2013
Citation: HSC 6.11 25404.1 - California Health and Safety Code, Chapter 6.11, Section(s) 25404.1
Violation Description: Failure to obtain and/or maintain an active hazardous waste generator permit.
Violation Notes: Not reported
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 03-15-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: reset date
Eval Division: Los Angeles City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-22-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Thomas Dailey, Transmission & Distribution District Supervisor
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-26-2013

LINCOLN HEIGHTS SERVICE DPW (Continued) **S104159588**

Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	05/09/2016 Changed service code 106 to 006 per Royce Long request.
Eval Division:	Los Angeles City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	08-27-2013
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	05/09/2016 Changed service code 106 to 006 per Royce Long request.
Eval Division:	Los Angeles City Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	10-05-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-14-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	LAFD Inspector Mungaray on site this date to conduct routine inspection of underground storage tank facility. Consent to enter, inspect and take photographs was given on this date by ROB PFEFFERLE, CONSTRUCTION EQUIPMENT SERVICE SUPERVISOR. Monitoring system certification was conducted at this time by OCTAVIO GUTIERREZ FROM ECS. Tester provided the following certifications: ICC: 8041102-UT EXP: 03-08-18 VR: A245315 EXP: 4/16/2019 VMI: #3601 EXP: 5/18/2019 The UST monitoring panel showed all functions normal. Current monitoring setup and alarm history WERE available for review. The sumps and UDCs WERE available for inspection and the sensors WERE observed positioned to detect a leak at the earliest opportunity. The spill buckets WERE also visually inspected. The Monitoring Plan WAS compared to the equipment on site. The operation of the UST system WAS compared to the conditions of the operating permit. Property Owner: Los Angeles Department of Water and [Truncated]
Eval Division:	Los Angeles City Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-26-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	address is 3101, on remote and cers, cers updated , tankology jeffrey crisostomo ust icc 00216571, veeder-root #b42876
Eval Division:	Los Angeles City Fire Department
Eval Program:	UST
Eval Source:	CERS

LINCOLN HEIGHTS SERVICE DPW (Continued) **S104159588**

Eval General Type:	Other/Unknown
Eval Date:	03-26-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	monitor certification , pass
Eval Division:	Los Angeles City Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	04-24-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	NOV FOLLOW-UP FOR OUTSTANDING CERS VIOLATIONS. Confirmed previously required corrections to financial responsibility and monitoring site plan were completed 04/05/2018. On site verification and CERS review completed on March 14, 2018. CONFIRMED CORRECTIONS REQUIRED FROM PRIOR REVIEW, REJECTION AND NOTICE OF VIOLATION WERE MADE. ASSIGNED RTC (RETURNED TO COMPLIANCE) QUALIFIER ENTRIES FOR REMAINING VIOLATIONS EC/ECR. UPDATED REQUIRED UST INSPECTION SPREADSHEET ENTRIES. EMAILED RESPONSIBLE FACILITY PERSONNEL TO ADVISE OF REVIEW, ACCEPTANCE AND RTC.
Eval Division:	Los Angeles City Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-15-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	ust book review, cers review Matt Leigh will update cers, Mat gives lafd consent for inspection , do review, icc tech octavio Gutierrez 852631,
Eval Division:	Los Angeles City Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-16-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Facility Information Date: 03 - 16 -2017 Site Address: LINCOLN HEIGHTS SERVICE CENTER 3101 Artesian St Los Angeles, CA 90031 (213) 367-0403 Property Owner Los Angeles Department of Water and Power 111 North Hope Street, Room 1050 Los Angeles, CA90012 (213) 367-0403 Environmental Contact: Arthur Johnson (213) 367-6039 arthur.johnson@ladwp.com 111 N. Hope St Los Angeles, CA 90012 Tank Operator Los Angeles Department of Water and Power 111 North Hope Street, Room 1050 Los Angeles, CA 90012 (213) 367-0403 Tank Owner Los Angeles Department of Water and Power 111 North Hope Street, Room 1050 Los Angeles, CA 90012 (213) 367-0403 Tank Owner Type Non-Government Facility Type Motor Vehicle Fueling CERS ID: 10029889 Assessor Parcel Number (APN): EPA ID: Facility ID Number: BOE#: 44031906 Inspector Pleasant LAFD, on site this date to conduct routine inspection of underground [Truncated]
Eval Division:	Los Angeles City Fire Department
Eval Program:	UST

LINCOLN HEIGHTS SERVICE DPW (Continued) **S104159588**

Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-20-2013
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Inspected by A Ng, HMS II Consent by D Siewert
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	03-25-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	BP and permit in process of being compliant by Matt leigh from DWP
Eval Division:	Los Angeles City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-08-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	facility inspection , cers accepted, with site map (cers) walk through and review of chemicals , David Ramsey manager gives lafd consent for inspection / warehouse / lot
Eval Division:	Los Angeles City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	08-28-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	3101 E ARTESIAN ST REVIEWED UST ARCHIVE, RECEIVED ANNUAL MONITORING SYSTEM CERTIFICATION & SPILL BUCKET RESULTS FOR TESTING CONDUCTED ON 3-16-2017 BY OCTAVIO GUTIERREZ WITH ECS. CONFIRMED RESULTS WERE REQUESTED, RECEIVED, SCANNED/DOWNLOADED AND/OR ATTACHED IN ENVISION.
Eval Division:	Los Angeles City Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-26-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	The address is under 3101, cers is up to date , tanknology tech jeffrey Crisostomo ust icc 00216571, veeder-root #b42876,
Eval Division:	Los Angeles City Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	04-26-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency

LINCOLN HEIGHTS SERVICE DPW (Continued) **S104159588**

Eval Notes: REVIEWED RECEIVED ANNUAL MONITORING SYSTEM CERTIFICATION & SPILL BUCKET RESULTS FOR TESTING CONDUCTED ON 03-14-18 BY OCTAVIO GUTIERREZ FROM ECS. CONFIRMED RESULTS WERE RECEIVED, SCANNED/DOWNLOADED AND ATTACHED IN ENVISION. NO FAILURES NOTED ON REPORT.
Eval Division: Los Angeles City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 10-06-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Coordinates:
Site ID: 396612
Facility Name: LINCOLN HEIGHTS SERVICE CENTER
Env Int Type Code: HMBP
Program ID: 10029889
Coord Name: Not reported
Ref Point Type Desc: Unknown
Latitude: 34.080746
Longitude: -118.218981

Affiliation:
Affiliation Type Desc: Parent Corporation
Entity Name: Los Angeles Department of Water and Power
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: UST Tank Owner
Entity Name: Los Angeles Department of Water and Power
Entity Title: Not reported
Affiliation Address: 111 North Hope Street, Room 1050
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 90012
Affiliation Phone: (213) 367-0403

Affiliation Type Desc: CUPA District
Entity Name: Los Angeles City Fire Department
Entity Title: Not reported
Affiliation Address: 200 North Main Street, Room 1780
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90012

LINCOLN HEIGHTS SERVICE DPW (Continued) **S104159588**

Affiliation Phone:	(213) 978-3680
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	111 North Hope Street, Room 1050
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90012
Affiliation Phone:	Not reported
Affiliation Type Desc:	Operator
Entity Name:	Los Angeles Department of Water and Power
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(213) 367-0403
Affiliation Type Desc:	Legal Owner
Entity Name:	Los Angeles Department of Water and Power
Entity Title:	Not reported
Affiliation Address:	111 North Hope Street, Room 1050
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90012
Affiliation Phone:	(213) 367-0403
Affiliation Type Desc:	Property Owner
Entity Name:	Los Angeles Department of Water and Power
Entity Title:	Not reported
Affiliation Address:	111 North Hope Street, Room 1050
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90012
Affiliation Phone:	(213) 367-0403
Affiliation Type Desc:	Environmental Contact
Entity Name:	Jennifer Madden
Entity Title:	Not reported
Affiliation Address:	111 N. Hope St
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90012
Affiliation Phone:	Not reported
Affiliation Type Desc:	UST Permit Applicant
Entity Name:	Jennifer Madden
Entity Title:	Environmental Affairs Officer
Affiliation Address:	Not reported
Affiliation City:	Not reported

LINCOLN HEIGHTS SERVICE DPW (Continued) **S104159588**

Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (213) 367-0407

Affiliation Type Desc: UST Property Owner Name
Entity Name: Los Angeles Department of Water and Power
Entity Title: Not reported
Affiliation Address: 111 North Hope Street, Room 1050
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 90012
Affiliation Phone: (213) 367-0403

Affiliation Type Desc: UST Tank Operator
Entity Name: Los Angeles Department of Water and Power
Entity Title: Not reported
Affiliation Address: 111 North Hope Street, Room 1050
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 90012
Affiliation Phone: (213) 367-0403

Site ID: 187675
CERS ID: T0603700797
Site Name: LINCOLN HEIGHTS SERVICE DPW
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: ARMAN TOUMARI - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 WEST 4TH STREET, SUITE 200
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 2135766708

Affiliation Type Desc: Local Agency Caseworker
Entity Name: ELOY LUNA - LOS ANGELES, CITY OF
Entity Title: Not reported
Affiliation Address: 200 North Main Street, Suite 1780
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

N104 **LINCOLN HEIGHTS SERVICE CENTER** **UST** **U001561287**
SW **3101 ARTESIAN ST** **HIST UST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90031**
0.186 mi.
982 ft. **Site 7 of 8 in cluster N**

Relative: **Lower**
Actual: **357 ft.**

UST:

Facility ID:	FA0000795
Permitting Agency:	Los Angeles City Fire Department
Latitude:	34.080817
Longitude:	-118.21905

HIST UST:

File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000064841
Facility Type:	Other
Other Type:	WATER/ELECTRIC UTILI
Contact Name:	RICHARD OWEN
Telephone:	2134814260
Owner Name:	DEPARTMENT OF WATER AND POWER
Owner Address:	111 N. HOPE STREET
Owner City,St,Zip:	LOS ANGELES, CA 90012
Total Tanks:	0002
Tank Num:	001
Container Num:	0249/GAS #
Year Installed:	1940
Tank Capacity:	00007500
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	002
Container Num:	0250/GAS #
Year Installed:	1940
Tank Capacity:	00007500
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

L105 **LA LACY STREET TRANSFER YARD** **RCRA-SQG** **1000275911**
WSW **2661 LACY ST** **FINDS** **CAD981988264**
1/8-1/4 **LINCOLN HEIGHTS, CA 90031** **ECHO**
0.193 mi.
1018 ft. **Site 2 of 2 in cluster L**

Relative: **Lower**
Actual: **350 ft.**

RCRA-SQG:

Date form received by agency:	03/24/1987
Facility name:	LA LACY STREET TRANSFER YARD
Facility address:	2661 LACY ST LINCOLN HEIGHTS, CA 90031
EPA ID:	CAD981988264
Mailing address:	200 N MAIN RM EIGHTH HUNDREDCH LOS ANGELES, CA 90012
Contact:	ENVIRONMENTAL MANAGER

LA LACY STREET TRANSFER YARD (Continued) **1000275911**

Contact address: 2661 LACY ST
LINCOLN HEIGHTS, CA 90058
Contact country: US
Contact telephone: 213-485-7527
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Municipal
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: CITY OF LOS ANGELES
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Municipal
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

LA LACY STREET TRANSFER YARD (Continued) **1000275911**

Violation Status: No violations found

FINDS:

Registry ID: 110009541273

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000275911
Registry ID: 110009541273
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110009541273

O106 **MIKE'S TRANSMISSION** **SWEEPS UST** **S101617615**
NNW **3500 N FIGUEROA ST** **CA FID UST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90065** **HAZMAT**
0.205 mi.
1083 ft. **Site 1 of 4 in cluster O**

Relative: Higher
Actual: 378 ft.

SWEEPS UST:
Status: Not reported
Comp Number: 2860
Number: Not reported
Board Of Equalization: 44-012594
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-002860-000001
Tank Status: Not reported
Capacity: 500
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: 3

Status: Not reported
Comp Number: 2860
Number: Not reported
Board Of Equalization: 44-012594
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-002860-000002
Tank Status: Not reported
Capacity: 500

MIKE'S TRANSMISSION (Continued) **S101617615**

Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	REG UNLEADED
Number Of Tanks:	Not reported
Status:	Not reported
Comp Number:	2860
Number:	Not reported
Board Of Equalization:	44-012594
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-050-002860-000003
Tank Status:	Not reported
Capacity:	500
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	REG UNLEADED
Number Of Tanks:	Not reported

CA FID UST:

Facility ID:	19011776
Regulated By:	UTNKI
Regulated ID:	00050946
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2132226638
Mail To:	Not reported
Mailing Address:	3500 N FIGUEROA ST
Mailing Address 2:	Not reported
Mailing City,St,Zip:	LOS ANGELES 900650000
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Inactive

LOS ANGELES HM:

Facility ID:	FA0003772
Last Run Date:	01/01/2019
Status:	ACTIVE

O107 **A B AUTO REPAIR & MUFFLER** **RCRA NonGen / NLR** **1024828124**
NNW **3500 N FIGUEROA ST # B** **CAL000359316**
1/8-1/4 **LOS ANGELES, CA 90065**
0.205 mi.
1083 ft. **Site 2 of 4 in cluster O**

Relative:
Higher

Actual:
378 ft.

RCRA NonGen / NLR:

Date form received by agency:	12/16/2010
Facility name:	A B AUTO REPAIR & MUFFLER
Facility address:	3500 N FIGUEROA ST # B LOS ANGELES, CA 90065-2443
EPA ID:	CAL000359316
Contact:	VREJ BEDJANIAN
Contact address:	3500 N FIGUEROA ST # B LOS ANGELES, CA 90065
Contact country:	Not reported
Contact telephone:	323-224-8224
Contact email:	VREJBEDJANIAN@GMAIL.COM
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	VREJ BEDJANIAN
Owner/operator address:	1701 BRIAR RIDGE RD GLENDALE, CA 91207
Owner/operator country:	Not reported
Owner/operator telephone:	818-919-2199
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	VREJ BEDJANIAN
Owner/operator address:	3500 N FIGUEROA ST # B LOS ANGELES, CA 90065
Owner/operator country:	Not reported
Owner/operator telephone:	323-224-8224
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	Yes
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No

A B AUTO REPAIR & MUFFLER (Continued) **1024828124**

Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Violation Status: No violations found

O108 **AB AUTO REPAIR & MUFFLER** **RCRA NonGen / NLR** **1024854763**
NNW **3500 N FIGUEROA ST # B** **CAL000416333**
1/8-1/4 **LOS ANGELES, CA 90065**
0.205 mi.
1083 ft. **Site 3 of 4 in cluster O**

Relative:
Higher

Actual:
378 ft.

RCRA NonGen / NLR:

Date form received by agency:	04/18/2016
Facility name:	AB AUTO REPAIR & MUFFLER
Facility address:	3500 N FIGUEROA ST # B LOS ANGELES, CA 90065-2443
EPA ID:	CAL000416333
Contact:	WILLIAM BEDJANYAN
Contact address:	3500 N FIGUEROA ST # B LOS ANGELES, CA 90065
Contact country:	Not reported
Contact telephone:	323-224-8224
Contact email:	WILLIAMB454@GMAIL.COM
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	WILLIAM BEDJANYAN
Owner/operator address:	3500 N FIGUEROA ST # B LOS ANGELES, CA 90065
Owner/operator country:	Not reported
Owner/operator telephone:	323-224-8224
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	WILLIAM BEDJANYAN
Owner/operator address:	3500 N FIGUEROA ST # B LOS ANGELES, CA 90065
Owner/operator country:	Not reported
Owner/operator telephone:	323-224-8224
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

AB AUTO REPAIR & MUFFLER (Continued) **1024854763**

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: Yes
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

O109 **MIKES TRANSMISSION** **HIST UST** **U001562466**
NNW **3500 N FIGUEROA ST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90065**
0.205 mi.
1083 ft. **Site 4 of 4 in cluster O**

Relative:
Higher

Actual:
378 ft.

HIST UST:
File Number: 00027C23
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00027C23.pdf
Region: STATE
Facility ID: 00000050946
Facility Type: Other
Other Type: AUTO REPAIR
Contact Name: MIKE RIVERA
Telephone: 2132226638
Owner Name: MIKE RIVERA
Owner Address: 3500 N FIGUEROA ST.
Owner City,St,Zip: LOS ANGELES, CA 90065
Total Tanks: 0003

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00000500
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 002
Container Num: 2
Year Installed: Not reported
Tank Capacity: 00000500
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 003

MIKES TRANSMISSION (Continued) **U001562466**

Container Num:	3
Year Installed:	Not reported
Tank Capacity:	00000500
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Container Construction Thickness:	Not reported
Leak Detection:	None

Click here for Geo Tracker PDF:

M110 **UNION THREE AUTO SERVICE** **SWEEPS UST** **S101584153**
WNW **3304 N FIGUEROA ST** **CA FID UST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90065**
0.211 mi.
1114 ft. **Site 3 of 5 in cluster M**

Relative:
Lower

Actual:
369 ft.

SWEEPS UST:

Status:	Not reported
Comp Number:	7414
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	Not reported
Tank Status:	Not reported
Capacity:	Not reported
Active Date:	Not reported
Tank Use:	Not reported
STG:	Not reported
Content:	Not reported
Number Of Tanks:	Not reported

CA FID UST:

Facility ID:	19009028
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2132241888
Mail To:	Not reported
Mailing Address:	3304 N FIGUEROA ST
Mailing Address 2:	Not reported
Mailing City,St,Zip:	LOS ANGELES 900650000
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

M111 **UNION 3 AUTO SERVICE** **RCRA NonGen / NLR** **1024789281**
WNW **3304 N FIGUEROA ST** **CAL000062528**
1/8-1/4 **LOS ANGELES, CA 90065**
0.211 mi.
1114 ft. **Site 4 of 5 in cluster M**

Relative:
Lower

Actual:
369 ft.

RCRA NonGen / NLR:

Date form received by agency:	08/09/1993
Facility name:	UNION 3 AUTO SERVICE
Facility address:	3304 N FIGUEROA ST LOS ANGELES, CA 90065-1528
EPA ID:	CAL000062528
Contact:	CARLOS CRUZ
Contact address:	3304 N FIGUEROA ST LOS ANGELES, CA 90065
Contact country:	Not reported
Contact telephone:	323-224-1888
Contact email:	UNION3@SBCGLOBAL.NET
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	CARLOS CRUZ
Owner/operator address:	3304 N FIGUEROA ST LOS ANGELES, CA 90065
Owner/operator country:	Not reported
Owner/operator telephone:	323-224-1888
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	CARLOS CRUZ
Owner/operator address:	3304 N FIGUEROA ST LOS ANGELES, CA 90065
Owner/operator country:	Not reported
Owner/operator telephone:	323-224-1888
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	Yes
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No

UNION 3 AUTO SERVICE (Continued) **1024789281**

Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

M112 **UNION 3 AUTO SERVICE** **CERS HAZ WASTE** **S113045918**
WNW **3304 N FIGUEROA ST** **HAZNET** **N/A**
1/8-1/4 **LOS ANGELES, CA 90065** **HAZMAT**
0.211 mi. **CERS**
1114 ft. **Site 5 of 5 in cluster M**

Relative: **Lower**
Actual: **369 ft.**

CERS HAZ WASTE:
Site ID: 164435
CERS ID: 10242823
CERS Description: Hazardous Waste Generator

Violations:
Site ID: 164435
Site Name: UNION 3 AUTO SERVICE
Violation Date: 08-22-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Not reported
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 164435
Site Name: UNION 3 AUTO SERVICE
Violation Date: 04-14-2016
Citation: HSC 6.95 25508.1(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(f)
Violation Description: Failure to electronically update the business plan within 30 days of a substantial change.
Violation Notes: Not reported
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 164435
Site Name: UNION 3 AUTO SERVICE
Violation Date: 08-22-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to establish and electronically submit an adequate training program in safety procedures in the event of a release or threatened release of a hazardous material.
Violation Notes: Not reported
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS

UNION 3 AUTO SERVICE (Continued) **S113045918**

Site ID: 164435
Site Name: UNION 3 AUTO SERVICE
Violation Date: 04-14-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to establish and electronically submit an adequate training program in safety procedures in the event of a release or threatened release of a hazardous material.
Violation Notes: Not reported
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 164435
Site Name: UNION 3 AUTO SERVICE
Violation Date: 08-22-2016
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes: Not reported
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 164435
Site Name: UNION 3 AUTO SERVICE
Violation Date: 04-14-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to electronically submit the emergency response plan and procedures when not meeting the agricultural handler exemption requirements.
Violation Notes: Not reported
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 164435
Site Name: UNION 3 AUTO SERVICE
Violation Date: 02-25-2019
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 03/20/2019. OBSERVATION: 1 x 275-gallon tote of used oil located in the hazardous waste storage area was observed without a hazardous waste label. CORRECTIVE ACTION: Submit a photo to the CUPA demonstrating that the container listed above has been properly labeled.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

UNION 3 AUTO SERVICE (Continued) **S113045918**

Site ID: 164435
Site Name: UNION 3 AUTO SERVICE
Violation Date: 04-14-2016
Citation: HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Description: Failure to notify property owner in writing that the business is subject to the business plan program and has complied with its provisions.
Violation Notes: Not reported
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 164435
Site Name: UNION 3 AUTO SERVICE
Violation Date: 04-15-2016
Citation: 40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description: Failure to properly close hazardous waste containers when not in active use.
Violation Notes: Returned to compliance on 04/15/2016. OBSERVATION: OPENED USED OIL TOTE WHEN NOT IN USED. CORRECTED ON-SITE. All hazardous waste containers shall be closed at all times except when adding or removing waste. CORRECTIVE ACTION: Immediately close these containers and ensure all hazardous waste containers are closed when not adding or removing waste.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 164435
Site Name: UNION 3 AUTO SERVICE
Violation Date: 08-22-2016
Citation: 19 CCR 6.95 25508(a)(1) - California Code of Regulations, Title 19, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page.
Violation Notes: Not reported
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 164435
Site Name: UNION 3 AUTO SERVICE
Violation Date: 08-22-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Not reported
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 164435
Site Name: UNION 3 AUTO SERVICE

UNION 3 AUTO SERVICE (Continued) **S113045918**

Violation Date:	04-14-2016
Citation:	HSC 6.95 25508.1(a)-(e) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(e)
Violation Description:	Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name.
Violation Notes:	Not reported
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	164435
Site Name:	UNION 3 AUTO SERVICE
Violation Date:	04-14-2016
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit a site map with all required content.
Violation Notes:	Not reported
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	164435
Site Name:	UNION 3 AUTO SERVICE
Violation Date:	04-14-2016
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Not reported
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	164435
Site Name:	UNION 3 AUTO SERVICE
Violation Date:	04-14-2016
Citation:	HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d)
Violation Description:	Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Not reported
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	164435
Site Name:	UNION 3 AUTO SERVICE
Violation Date:	04-14-2016
Citation:	HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507

UNION 3 AUTO SERVICE (Continued) **S113045918**

Violation Description:	Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Not reported
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	164435
Site Name:	UNION 3 AUTO SERVICE
Violation Date:	08-22-2016
Citation:	HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507
Violation Description:	Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Not reported
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	164435
Site Name:	UNION 3 AUTO SERVICE
Violation Date:	04-14-2016
Citation:	HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description:	Failure to annually review and electronically certify that the business plan is complete, accurate, and up-to-date.
Violation Notes:	Not reported
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	164435
Site Name:	UNION 3 AUTO SERVICE
Violation Date:	08-22-2016
Citation:	HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description:	Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.
Violation Notes:	Not reported
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	164435
Site Name:	UNION 3 AUTO SERVICE
Violation Date:	03-27-2013
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the

UNION 3 AUTO SERVICE (Continued) **S113045918**

	generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	label waste oil tote
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	164435
Site Name:	UNION 3 AUTO SERVICE
Violation Date:	08-22-2016
Citation:	HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Description:	Failure to notify property owner in writing that the business is subject to the business plan program and has complied with its provisions.
Violation Notes:	Not reported
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	164435
Site Name:	UNION 3 AUTO SERVICE
Violation Date:	04-15-2016
Citation:	40 CFR 1 265.31 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.31
Violation Description:	Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to the air, soil, or surface water which could threaten human health or the environment..
Violation Notes:	Returned to compliance on 06/08/2016. OBSERVATION: OIL SATURATED ABSORBENT ON THE FLOOR AT HAZARDOUS WASTE STORAGE AREA Facilities shall be maintained and operated to minimize the possibility of a fire, explosion, or release of hazardous waste to air, soil, or surface water. CORRECTIVE ACTION: Immediately CLEAN OIL SATURATED ABSORBENT ON THE FLOOR AT HAZARDOUS WASTE STORAGE AREA and manage according to Title 22 hazardous waste regulations. PROVIDE MANIFEST FOR USED ABSORBENT.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	164435
Site Name:	UNION 3 AUTO SERVICE
Violation Date:	08-22-2016
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Not reported
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	164435

UNION 3 AUTO SERVICE (Continued) **S113045918**

Site Name:	UNION 3 AUTO SERVICE
Violation Date:	04-14-2016
Citation:	HSC 6.95 25510(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25510(a)
Violation Description:	Failure to report a release or threatened release of a hazardous material to the unified program agency and to OES.
Violation Notes:	Not reported
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	164435
Site Name:	UNION 3 AUTO SERVICE
Violation Date:	03-27-2013
Citation:	40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description:	Failure to properly close hazardous waste containers when not in active use.
Violation Notes:	close waste oil tote when not in use
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	164435
Site Name:	UNION 3 AUTO SERVICE
Violation Date:	04-14-2016
Citation:	19 CCR 6.95 25508(a)(1) - California Code of Regulations, Title 19, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page.
Violation Notes:	Not reported
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	164435
Site Name:	UNION 3 AUTO SERVICE
Violation Date:	02-25-2019
Citation:	22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11
Violation Description:	Failure to determine if wastes generated are hazardous waste by using generator knowledge or applying testing method.
Violation Notes:	Returned to compliance on 03/20/2019. OBSERVATION: Per Mr. Morales, the finely divided metal generated from rotor resurfacing and other grinding operations are being either disposed to the trash or sent off as scrap metal. Finely divided metal less than 100 microns in size does not meet the definition of scrap metal. CORRECTIVE ACTION: Submit documentation to the CUPA demonstrating that the finely divided metal has been properly characterized to determine if it is a hazardous waste. If determined to be hazardous submit manifests/receipts documenting proper disposal and a statement demonstrating how you will manage it in the future.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	164435

UNION 3 AUTO SERVICE (Continued) **S113045918**

Site Name: UNION 3 AUTO SERVICE
Violation Date: 04-15-2016
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 05/24/2016. OBSERVATION: MISSING REQUIRED INFORMATION ON LABEL OF USED OIL TOTE. All hazardous waste containers shall be marked with the following information: 1) the words ?Hazardous Waste?; 2) name and address of generator; 3) hazardous properties; 4) physical state; 5) composition (contents); 6) accumulation start date. CORRECTIVE ACTION: Immediately label these containers and ensure that all hazardous waste containers are marked with all the required information.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 164435
Site Name: UNION 3 AUTO SERVICE
Violation Date: 04-15-2016
Citation: 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description: Failure to obtain and/or maintain an Active EPA ID.
Violation Notes: Returned to compliance on 05/24/2016. OBSERVATION: This facility?s EPA ID number is inactive. A hazardous waste generator shall not treat, store, dispose of, transport or offer for transportation, hazardous waste without an EPA ID number. CORRECTIVE ACTION: Immediately contact DTSC and reactivate your EPA ID number and submit evidence to the cupa. EPA # renewal form was faxed during inspection.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 164435
Site Name: UNION 3 AUTO SERVICE
Violation Date: 08-22-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a site map with all required content.
Violation Notes: Not reported
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 164435
Site Name: UNION 3 AUTO SERVICE
Violation Date: 04-15-2016
Citation: HSC 6.5 Multiple Sections - California Health and Safety Code, Chapter 6.5, Section(s) Multiple Sections
Violation Description: Haz Waste Generator Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 04/15/2016. OBSERVATION: NO EMPTY LABELS ON EMPTY DRUMS AT HAZARDOUS WASTE STORAGE AREA. CORRECTED ON-SITE. CORRECTIVE ACTION: Each empty container larger than 5 gallons that

UNION 3 AUTO SERVICE (Continued) **S113045918**

previously held a hazardous material must be marked with the date it was emptied and be shipped for recycling, reconditioning, or reclamation of its scrap value ? or managed on site in such a manner ? within one year of being emptied. 22CCR 11 66261.7

Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 164435
Site Name: UNION 3 AUTO SERVICE
Violation Date: 04-14-2016
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Not reported
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 164435
Site Name: UNION 3 AUTO SERVICE
Violation Date: 03-27-2013
Citation: 40 CFR 1 265.31 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.31
Violation Description: Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to the air, soil, or surface water which could threaten human health or the environment..
Violation Notes: clean and properly dispose waste absorbents next to waste oil tote
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 164435
Site Name: UNION 3 AUTO SERVICE
Violation Date: 08-22-2016
Citation: HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Description: Failure to provide a copy of the business plan to the owner or the owner’s agent within five working days after receiving a request for a copy from the owner or the owner’s agent.
Violation Notes: Not reported
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 164435
Site Name: UNION 3 AUTO SERVICE
Violation Date: 04-14-2016
Citation: HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Description: Failure to provide a copy of the business plan to the owner or the owner’s agent within five working days after receiving a request for a

UNION 3 AUTO SERVICE (Continued) **S113045918**

copy from the owner or the owner's agent.
Violation Notes: Not reported
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 164435
Site Name: UNION 3 AUTO SERVICE
Violation Date: 04-14-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to electronically submit the training program in safety procedures when not meeting the agricultural handler exemption requirements.
Violation Notes: Not reported
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 164435
Site Name: UNION 3 AUTO SERVICE
Violation Date: 08-22-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.
Violation Notes: Not reported
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 164435
Site Name: UNION 3 AUTO SERVICE
Violation Date: 04-14-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.
Violation Notes: Not reported
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 164435
Site Name: UNION 3 AUTO SERVICE
Violation Date: 04-14-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to establish and electronically submit a business plan when not meeting the remote unstaffed facility exemption requirements.
Violation Notes: Not reported
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS

UNION 3 AUTO SERVICE (Continued) **S113045918**

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-27-2013
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Inspected by A Ng, HMS II Consent by C Cruz
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	05-24-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Carlos Cruz, Owner
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-14-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	INFORMED THEY ARE OUT OF COMPLIANCE FOR CERS. MUST SUBMIT A HMBP ON CERS
Eval Division:	Los Angeles City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	08-22-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	RE INSPECTION
Eval Division:	Los Angeles City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-25-2019
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Pedro Morales, Partner
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-15-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Carlos Cruz, Owner
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Other/Unknown

UNION 3 AUTO SERVICE (Continued) **S113045918**

Eval Date: 06-08-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 06-15-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: RE INSPECTION SHOWS THAT THIS FACILITY HAS NOT COMPLIED WITH CERS. THE BUSINESS HAS NOT COMPLETED THE HAZARDOUS MATERIALS INVENTORY, SITE MAP, EMERGENCY RESPONSE PLAN, AND EMPLOYEE TRAINING PLAN.
Eval Division: Los Angeles City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Coordinates:
Site ID: 164435
Facility Name: UNION 3 AUTO SERVICE
Env Int Type Code: HWG
Program ID: 10242823
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 34.086410
Longitude: -118.218550

Affiliation:
Affiliation Type Desc: Parent Corporation
Entity Name: UNION 3 AUTO SERVICE
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Property Owner
Entity Name: CRUZ, CARLOS
Entity Title: Not reported
Affiliation Address: 3304 N. Figueroa Street
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 90065
Affiliation Phone: (323) 224-1888

Affiliation Type Desc: CUPA District
Entity Name: Los Angeles City Fire Department
Entity Title: Not reported
Affiliation Address: 200 North Main Street, Room 1780
Affiliation City: Los Angeles
Affiliation State: CA

UNION 3 AUTO SERVICE (Continued) **S113045918**

Affiliation Country: Not reported
Affiliation Zip: 90012
Affiliation Phone: (213) 978-3680

Affiliation Type Desc: Environmental Contact
Entity Name: Carlos Cruz
Entity Title: Not reported
Affiliation Address: 3304 N Figueroa st.
Affiliation City: Lo Angeles
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90065
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 3304 N FIGUEROA ST
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90065
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: Carlos Cruz
Entity Title: Owner
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: CRUZ, CARLOS/PEDRO MORALES
Entity Title: Not reported
Affiliation Address: 3304 N.Figueroa Street
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 90065
Affiliation Phone: (323) 224-1888

Affiliation Type Desc: Operator
Entity Name: Carlos Cruz
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (323) 224-1888

HAZNET:
Name: UNION 3 AUTO SERVICE

UNION 3 AUTO SERVICE (Continued) **S113045918**

Address:	3304 N FIGUEROA ST
City,State,Zip:	LOS ANGELES, CA 900651528
Year:	2011
GEPAID:	CAL000062528
Contact:	CARLOS CRUZ
Telephone:	3232241888
Mailing Name:	Not reported
Mailing Address:	3304 N FIGUEROA ST
Mailing City,St,Zip:	LOS ANGELES, CA 800650000
Gen County:	Los Angeles
TSD EPA ID:	CAT080013352
TSD County:	Los Angeles
Tons:	0.418
CA Waste Code:	221-Waste oil and mixed oil
Method:	H039-Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Facility County:	Los Angeles

Name:	UNION 3 AUTO SERVICE
Address:	3304 N FIGUEROA ST
City,State,Zip:	LOS ANGELES, CA 900651528
Year:	2010
GEPAID:	CAL000062528
Contact:	CARLOS CRUZ
Telephone:	3232241888
Mailing Name:	Not reported
Mailing Address:	3304 N FIGUEROA ST
Mailing City,St,Zip:	LOS ANGELES, CA 800650000
Gen County:	Los Angeles
TSD EPA ID:	CAT080013352
TSD County:	Los Angeles
Tons:	0.418
CA Waste Code:	221-Waste oil and mixed oil
Method:	H039-Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Facility County:	Los Angeles

Name:	UNION 3 AUTO SERVICE
Address:	3304 N FIGUEROA ST
City,State,Zip:	LOS ANGELES, CA 900651528
Year:	1998
GEPAID:	CAL000062528
Contact:	CARLOS CRUZ
Telephone:	3232241888
Mailing Name:	Not reported
Mailing Address:	3304 N FIGUEROA ST
Mailing City,St,Zip:	LOS ANGELES, CA 800650000
Gen County:	Los Angeles
TSD EPA ID:	CAD093459485
TSD County:	Fresno
Tons:	0.0417
CA Waste Code:	342-Organic liquids with metals (Alkaline solution (pH >= 12.5) with metals)
Method:	H01-Transfer Station
Facility County:	Los Angeles

Name:	UNION 3 AUTO SERVICE
Address:	3304 N FIGUEROA ST

UNION 3 AUTO SERVICE (Continued) **S113045918**

City,State,Zip: LOS ANGELES, CA 900651528
Year: 1995
GEPAID: CAL000062528
Contact: CARLOS CRUZ
Telephone: 3232241888
Mailing Name: Not reported
Mailing Address: 3304 N FIGUEROA ST
Mailing City,St,Zip: LOS ANGELES, CA 800650000
Gen County: Los Angeles
TSD EPA ID: CAD099452708
TSD County: Los Angeles
Tons: 3.61
CA Waste Code: 221-Waste oil and mixed oil
Method: R01-Recycler
Facility County: Los Angeles

Name: UNION 3 AUTO SERVICE
Address: 3304 N FIGUEROA ST
City,State,Zip: LOS ANGELES, CA 900651528
Year: 1993
GEPAID: CAL000062528
Contact: CARLOS CRUZ
Telephone: 3232241888
Mailing Name: Not reported
Mailing Address: 3304 N FIGUEROA ST
Mailing City,St,Zip: LOS ANGELES, CA 800650000
Gen County: Los Angeles
TSD EPA ID: CAD099452708
TSD County: Los Angeles
Tons: 1.4595
CA Waste Code: 223-Unspecified oil-containing waste
Method: R01-Recycler
Facility County: Los Angeles

Click this hyperlink while viewing on your computer to access additional CA_HAZNET: detail in the EDR Site Report.

LOS ANGELES HM:
Facility ID: FA0005984
Last Run Date: 01/01/2019
Status: ACTIVE

CERS TANKS:
Site ID: 164435
CERS ID: 10242823
Site Name: UNION 3 AUTO SERVICE
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 164435
Site Name: UNION 3 AUTO SERVICE
Violation Date: 08-22-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.

UNION 3 AUTO SERVICE (Continued) **S113045918**

Violation Notes: Not reported
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 164435
Site Name: UNION 3 AUTO SERVICE
Violation Date: 04-14-2016
Citation: HSC 6.95 25508.1(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(f)
Violation Description: Failure to electronically update the business plan within 30 days of a substantial change.
Violation Notes: Not reported
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 164435
Site Name: UNION 3 AUTO SERVICE
Violation Date: 08-22-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to establish and electronically submit an adequate training program in safety procedures in the event of a release or threatened release of a hazardous material.
Violation Notes: Not reported
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 164435
Site Name: UNION 3 AUTO SERVICE
Violation Date: 04-14-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to establish and electronically submit an adequate training program in safety procedures in the event of a release or threatened release of a hazardous material.
Violation Notes: Not reported
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 164435
Site Name: UNION 3 AUTO SERVICE
Violation Date: 08-22-2016
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes: Not reported
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 164435

UNION 3 AUTO SERVICE (Continued) **S113045918**

Site Name:	UNION 3 AUTO SERVICE
Violation Date:	04-14-2016
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to electronically submit the emergency response plan and procedures when not meeting the agricultural handler exemption requirements.
Violation Notes:	Not reported
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	164435
Site Name:	UNION 3 AUTO SERVICE
Violation Date:	02-25-2019
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 03/20/2019. OBSERVATION: 1 x 275-gallon tote of used oil located in the hazardous waste storage area was observed without a hazardous waste label. CORRECTIVE ACTION: Submit a photo to the CUPA demonstrating that the container listed above has been properly labeled.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	164435
Site Name:	UNION 3 AUTO SERVICE
Violation Date:	04-14-2016
Citation:	HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Description:	Failure to notify property owner in writing that the business is subject to the business plan program and has complied with its provisions.
Violation Notes:	Not reported
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	164435
Site Name:	UNION 3 AUTO SERVICE
Violation Date:	04-15-2016
Citation:	40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description:	Failure to properly close hazardous waste containers when not in active use.
Violation Notes:	Returned to compliance on 04/15/2016. OBSERVATION: OPENED USED OIL TOTE WHEN NOT IN USED. CORRECTED ON-SITE. All hazardous waste containers shall be closed at all times except when adding or removing waste. CORRECTIVE ACTION: Immediately close these containers and ensure all hazardous waste containers are closed when not adding or removing waste.

UNION 3 AUTO SERVICE (Continued) **S113045918**

Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 164435
Site Name: UNION 3 AUTO SERVICE
Violation Date: 08-22-2016
Citation: 19 CCR 6.95 25508(a)(1) - California Code of Regulations, Title 19, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page.
Violation Notes: Not reported
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 164435
Site Name: UNION 3 AUTO SERVICE
Violation Date: 08-22-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Not reported
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 164435
Site Name: UNION 3 AUTO SERVICE
Violation Date: 04-14-2016
Citation: HSC 6.95 25508.1(a)-(e) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(e)
Violation Description: Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name.
Violation Notes: Not reported
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 164435
Site Name: UNION 3 AUTO SERVICE
Violation Date: 04-14-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a site map with all required content.
Violation Notes: Not reported
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS

UNION 3 AUTO SERVICE (Continued) **S113045918**

Site ID:	164435
Site Name:	UNION 3 AUTO SERVICE
Violation Date:	04-14-2016
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Not reported
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	164435
Site Name:	UNION 3 AUTO SERVICE
Violation Date:	04-14-2016
Citation:	HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d)
Violation Description:	Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Not reported
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	164435
Site Name:	UNION 3 AUTO SERVICE
Violation Date:	04-14-2016
Citation:	HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507
Violation Description:	Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Not reported
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	164435
Site Name:	UNION 3 AUTO SERVICE
Violation Date:	08-22-2016
Citation:	HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507
Violation Description:	Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Not reported
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	164435
Site Name:	UNION 3 AUTO SERVICE
Violation Date:	04-14-2016
Citation:	HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2

UNION 3 AUTO SERVICE (Continued) **S113045918**

Violation Description:	Failure to annually review and electronically certify that the business plan is complete, accurate, and up-to-date.
Violation Notes:	Not reported
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	164435
Site Name:	UNION 3 AUTO SERVICE
Violation Date:	08-22-2016
Citation:	HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description:	Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.
Violation Notes:	Not reported
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	164435
Site Name:	UNION 3 AUTO SERVICE
Violation Date:	03-27-2013
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	label waste oil tote
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	164435
Site Name:	UNION 3 AUTO SERVICE
Violation Date:	08-22-2016
Citation:	HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Description:	Failure to notify property owner in writing that the business is subject to the business plan program and has complied with its provisions.
Violation Notes:	Not reported
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	164435
Site Name:	UNION 3 AUTO SERVICE
Violation Date:	04-15-2016
Citation:	40 CFR 1 265.31 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.31
Violation Description:	Failure to maintain and operate the facility to minimize the

UNION 3 AUTO SERVICE (Continued) **S113045918**

possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to the air, soil, or surface water which could threaten human health or the environment..

Violation Notes: Returned to compliance on 06/08/2016. OBSERVATION: OIL SATURATED ABSORBENT ON THE FLOOR AT HAZARDOUS WASTE STORAGE AREA Facilities shall be maintained and operated to minimize the possibility of a fire, explosion, or release of hazardous waste to air, soil, or surface water. CORRECTIVE ACTION: Immediately CLEAN OIL SATURATED ABSORBENT ON THE FLOOR AT HAZARDOUS WASTE STORAGE AREA and manage according to Title 22 hazardous waste regulations. PROVIDE MANIFEST FOR USED ABSORBENT.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 164435
Site Name: UNION 3 AUTO SERVICE
Violation Date: 08-22-2016
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Not reported
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 164435
Site Name: UNION 3 AUTO SERVICE
Violation Date: 04-14-2016
Citation: HSC 6.95 25510(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25510(a)
Violation Description: Failure to report a release or threatened release of a hazardous material to the unified program agency and to OES.
Violation Notes: Not reported
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 164435
Site Name: UNION 3 AUTO SERVICE
Violation Date: 03-27-2013
Citation: 40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description: Failure to properly close hazardous waste containers when not in active use.
Violation Notes: close waste oil tote when not in use
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 164435
Site Name: UNION 3 AUTO SERVICE
Violation Date: 04-14-2016

UNION 3 AUTO SERVICE (Continued) **S113045918**

Citation:	19 CCR 6.95 25508(a)(1) - California Code of Regulations, Title 19, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page.
Violation Notes:	Not reported
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	164435
Site Name:	UNION 3 AUTO SERVICE
Violation Date:	02-25-2019
Citation:	22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11
Violation Description:	Failure to determine if wastes generated are hazardous waste by using generator knowledge or applying testing method.
Violation Notes:	Returned to compliance on 03/20/2019. OBSERVATION: Per Mr. Morales, the finely divided metal generated from rotor resurfacing and other grinding operations are being either disposed to the trash or sent off as scrap metal. Finely divided metal less than 100 microns in size does not meet the definition of scrap metal. CORRECTIVE ACTION: Submit documentation to the CUPA demonstrating that the finely divided metal has been properly characterized to determine if it is a hazardous waste. If determined to be hazardous submit manifests/receipts documenting proper disposal and a statement demonstrating how you will manage it in the future.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	164435
Site Name:	UNION 3 AUTO SERVICE
Violation Date:	04-15-2016
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 05/24/2016. OBSERVATION: MISSING REQUIRED INFORMATION ON LABEL OF USED OIL TOTE. All hazardous waste containers shall be marked with the following information: 1) the words ?Hazardous Waste?; 2) name and address of generator; 3) hazardous properties; 4) physical state; 5) composition (contents); 6) accumulation start date. CORRECTIVE ACTION: Immediately label these containers and ensure that all hazardous waste containers are marked with all the required information.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	164435
Site Name:	UNION 3 AUTO SERVICE
Violation Date:	04-15-2016
Citation:	22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description:	Failure to obtain and/or maintain an Active EPA ID.

UNION 3 AUTO SERVICE (Continued) **S113045918**

Violation Notes:	Returned to compliance on 05/24/2016. OBSERVATION: This facility?s EPA ID number is inactive. A hazardous waste generator shall not treat, store, dispose of, transport or offer for transportation, hazardous waste without an EPA ID number. CORRECTIVE ACTION: Immediately contact DTSC and reactivate your EPA ID number and submit evidence to the cupa. EPA # renewal form was faxed during inspection.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	164435
Site Name:	UNION 3 AUTO SERVICE
Violation Date:	08-22-2016
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit a site map with all required content.
Violation Notes:	Not reported
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	164435
Site Name:	UNION 3 AUTO SERVICE
Violation Date:	04-15-2016
Citation:	HSC 6.5 Multiple Sections - California Health and Safety Code, Chapter 6.5, Section(s) Multiple Sections
Violation Description:	Haz Waste Generator Program - Operations/Maintenance - General
Violation Notes:	Returned to compliance on 04/15/2016. OBSERVATION: NO EMPTY LABELS ON EMPTY DRUMS AT HAZARDOUS WASTE STORAGE AREA. CORRECTED ON-SITE. CORRECTIVE ACTION: Each empty container larger than 5 gallons that previously held a hazardous material must be marked with the date it was emptied and be shipped for recycling, reconditioning, or reclamation of its scrap value ? or managed on site in such a manner ? within one year of being emptied. 22CCR 11 66261.7
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	164435
Site Name:	UNION 3 AUTO SERVICE
Violation Date:	04-14-2016
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Not reported
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	164435
Site Name:	UNION 3 AUTO SERVICE
Violation Date:	03-27-2013
Citation:	40 CFR 1 265.31 - U.S. Code of Federal Regulations, Title 40, Chapter

UNION 3 AUTO SERVICE (Continued) **S113045918**

	1, Section(s) 265.31
Violation Description:	Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to the air, soil, or surface water which could threaten human health or the environment..
Violation Notes:	clean and properly dispose waste absorbents next to waste oil tote
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	164435
Site Name:	UNION 3 AUTO SERVICE
Violation Date:	08-22-2016
Citation:	HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Description:	Failure to provide a copy of the business plan to the owner or the owner's agent within five working days after receiving a request for a copy from the owner or the owner's agent.
Violation Notes:	Not reported
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	164435
Site Name:	UNION 3 AUTO SERVICE
Violation Date:	04-14-2016
Citation:	HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Description:	Failure to provide a copy of the business plan to the owner or the owner's agent within five working days after receiving a request for a copy from the owner or the owner's agent.
Violation Notes:	Not reported
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	164435
Site Name:	UNION 3 AUTO SERVICE
Violation Date:	04-14-2016
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to electronically submit the training program in safety procedures when not meeting the agricultural handler exemption requirements.
Violation Notes:	Not reported
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	164435
Site Name:	UNION 3 AUTO SERVICE
Violation Date:	08-22-2016
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a

UNION 3 AUTO SERVICE (Continued) **S113045918**

hazardous material.
Violation Notes: Not reported
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 164435
Site Name: UNION 3 AUTO SERVICE
Violation Date: 04-14-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.
Violation Notes: Not reported
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 164435
Site Name: UNION 3 AUTO SERVICE
Violation Date: 04-14-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to establish and electronically submit a business plan when not meeting the remote unstaffed facility exemption requirements.
Violation Notes: Not reported
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-27-2013
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspected by A Ng, HMS II Consent by C Cruz
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 05-24-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Carlos Cruz, Owner
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-14-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: INFORMED THEY ARE OUT OF COMPLIANCE FOR CERS. MUST SUBMIT A HMBP ON CERS
Eval Division: Los Angeles City Fire Department

UNION 3 AUTO SERVICE (Continued) **S113045918**

Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-22-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: RE INSPECTION
Eval Division: Los Angeles City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-25-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Pedro Morales, Partner
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-15-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Carlos Cruz, Owner
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 06-08-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 06-15-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: RE INSPECTION SHOWS THAT THIS FACILITY HAS NOT COMPLIED WITH CERS. THE BUSINESS HAS NOT COMPLETED THE HAZARDOUS MATERIALS INVENTORY, SITE MAP, EMERGENCY RESPONSE PLAN, AND EMPLOYEE TRAINING PLAN.
Eval Division: Los Angeles City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Coordinates:
Site ID: 164435
Facility Name: UNION 3 AUTO SERVICE
Env Int Type Code: HWG
Program ID: 10242823
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.

UNION 3 AUTO SERVICE (Continued) **S113045918**

Latitude: 34.086410
Longitude: -118.218550

Affiliation:
Affiliation Type Desc: Parent Corporation
Entity Name: UNION 3 AUTO SERVICE
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Property Owner
Entity Name: CRUZ, CARLOS
Entity Title: Not reported
Affiliation Address: 3304 N. Figueroa Street
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 90065
Affiliation Phone: (323) 224-1888

Affiliation Type Desc: CUPA District
Entity Name: Los Angeles City Fire Department
Entity Title: Not reported
Affiliation Address: 200 North Main Street, Room 1780
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90012
Affiliation Phone: (213) 978-3680

Affiliation Type Desc: Environmental Contact
Entity Name: Carlos Cruz
Entity Title: Not reported
Affiliation Address: 3304 N Figueroa st.
Affiliation City: Lo Angeles
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90065
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 3304 N FIGUEROA ST
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90065
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: Carlos Cruz
Entity Title: Owner

UNION 3 AUTO SERVICE (Continued) **S113045918**

Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	CRUZ, CARLOS/PEDRO MORALES
Entity Title:	Not reported
Affiliation Address:	3304 N.Figueroa Street
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90065
Affiliation Phone:	(323) 224-1888
Affiliation Type Desc:	Operator
Entity Name:	Carlos Cruz
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(323) 224-1888

P113 **BROMACK MANUFACTURING INC** **RCRA NonGen / NLR** **1024795533**
SSW **3005 HUMBOLDT ST** **CAL000167538**
1/8-1/4 **LOS ANGELES, CA 90031**
0.212 mi.
1119 ft. **Site 1 of 5 in cluster P**

Relative:
Lower

Actual:
361 ft.

RCRA NonGen / NLR:

Date form received by agency:	04/11/1995
Facility name:	BROMACK MANUFACTURING INC
Facility address:	3005 HUMBOLDT ST LOS ANGELES, CA 90031-0000
EPA ID:	CAL000167538
Contact:	KURT WEBSTER CONTROLLER
Contact address:	3005 HUMBOLDT ST LOS ANGELES, CA 90031-0000
Contact country:	Not reported
Contact telephone:	323-227-5000
Contact email:	KURT.WEBSTER@BROMACK.COM
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	KURT WEBSTER CONTROLLER
Owner/operator address:	3005 HUMBOLDT ST LOS ANGELES, CA 90031
Owner/operator country:	Not reported
Owner/operator telephone:	323-227-5000
Owner/operator email:	Not reported

BROMACK MANUFACTURING INC (Continued) **1024795533**

Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: BROWN S MCPHERSON III
Owner/operator address: 3005 HUMBOLDT ST
LOS ANGELES, CA 90031
Owner/operator country: Not reported
Owner/operator telephone: 323-227-5000
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: Yes
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

P114 **THE BROMACK COMPANY** **CERS HAZ WASTE** **S102825030**
SSW **3005 HUMBOLDT ST** **EMI** **N/A**
1/8-1/4 **LOS ANGELES, CA 90031** **HAZNET**
0.212 mi. **HAZMAT**
1119 ft. **Site 2 of 5 in cluster P** **CERS**

Relative:
Lower

Actual:
361 ft.

CERS HAZ WASTE:
Site ID: 160621
CERS ID: 10251391
CERS Description: Hazardous Waste Generator

Violations:
Site ID: 160621
Site Name: THE BROMACK CO
Violation Date: 07-25-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to establish and electronically submit an adequate training program in safety procedures in the event of a release or threatened release of a hazardous material.

THE BROMACK COMPANY (Continued) **S102825030**

Violation Notes:	Returned to compliance on 08/09/2016.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	160621
Site Name:	THE BROMACK CO
Violation Date:	07-25-2016
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Returned to compliance on 08/09/2016.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	160621
Site Name:	THE BROMACK CO
Violation Date:	07-25-2016
Citation:	HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507
Violation Description:	Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Returned to compliance on 08/09/2016.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	160621
Site Name:	THE BROMACK CO
Violation Date:	07-25-2016
Citation:	HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description:	Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.
Violation Notes:	Returned to compliance on 08/09/2016.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	160621
Site Name:	THE BROMACK CO
Violation Date:	09-17-2018
Citation:	40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description:	Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or

THE BROMACK COMPANY (Continued) **S102825030**

	stored in a manner which may rupture the container or cause it to leak.
Violation Notes:	Returned to compliance on 09/17/2018. OBSERVATION: Waste glue in several 5-gallon containers were observed open. CORRECTIVE ACTION: Submit photos to the CUPA demonstrating that the container listed above has been properly closed.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	160621
Site Name:	THE BROMACK CO
Violation Date:	09-17-2018
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 09/17/2018. OBSERVATION: Two 55-gallon drums of waste glue located at hazardous waste storage area were observed without a hazardous waste label. CORRECTIVE ACTION: Submit a photo to the CUPA demonstrating that the container listed above has been properly labeled.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	160621
Site Name:	THE BROMACK CO
Violation Date:	07-25-2016
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 08/09/2016.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	160621
Site Name:	THE BROMACK CO
Violation Date:	07-25-2016
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.
Violation Notes:	Returned to compliance on 08/09/2016.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	160621

THE BROMACK COMPANY (Continued) **S102825030**

Site Name:	THE BROMACK CO
Violation Date:	08-25-2015
Citation:	22 CCR 12 66262.20 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.20
Violation Description:	Failure to prepare a hazardous waste manifest for the transport of a hazardous waste for off-site transfer, treatment, storage, or disposal.
Violation Notes:	Returned to compliance on 05/30/2017. OBSERVATION: The Owner/Operator to provide receipt/manifests for the following items: ? Facility does not have rags on manifest or other receipts, rags were described as normal part of the process (cleaning glue of the edges of wood) ? Filters not on manifest or other receipt ? Missing manifest for 2013 CORRECTIVE ACTION: The Owner/Operator shall properly prepare manifests for any transport of a hazardous waste for off-site transfer, treatment, storage or disposal going forward. Provide a copy of a prepared manifest to the CUPA to verify compliance.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	160621
Site Name:	THE BROMACK CO
Violation Date:	08-25-2015
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 08/31/2017. OBSERVATION: Accumulation start date missing from paint waste solvent container. All hazardous waste containers shall be marked with the following information: 1) the words ?Hazardous Waste?; 2) name and address of generator; 3) hazardous properties; 4) physical state; 5) composition (contents); 6) accumulation start date. CORRECTIVE ACTION: Immediately label these containers and ensure that all hazardous waste containers are marked with all the required information.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	160621
Site Name:	THE BROMACK CO
Violation Date:	07-25-2016
Citation:	HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description:	Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes:	Returned to compliance on 08/09/2016.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	160621
Site Name:	THE BROMACK CO
Violation Date:	08-25-2015

THE BROMACK COMPANY (Continued) **S102825030**

Citation: 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description: Failure to obtain and/or maintain an Active EPA ID.
Violation Notes: Returned to compliance on 06/12/2017. OBSERVATION: This facility failed to provide proof of valid EPA ID number to manage hazardous waste. A hazardous waste generator shall not treat, store, dispose of, transport or offer for transportation, hazardous waste without an EPA ID number. CORRECTIVE ACTION: Immediately obtain an EPA ID number through DTSC to manage hazardous waste and submit evidence to the CUPA.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 160621
Site Name: THE BROMACK CO
Violation Date: 08-25-2015
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Haz Waste Generator Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 06/12/2017. OBSERVATION: The Owner/Operator failed to provide proof of consolidate hazardous material/hazardous waste permit. CORRECTIVE ACTION: The Owner/Operator shall immediately provide valid copy of hazardous material/hazardous waste permit. Every person, business, or business concern within the jurisdiction of the LACoCUPA and subject to the requirements of one or more of the program elements shall be required to pay the applicable annual fees and any applicable late payment penalty and apply for and obtain from the LACoCUPA a unified program facility permit for the program elements applicable to such facility prior to the commencement of any business or activity related to any of the program elements. Upon receipt of full payment from a unified program facility for all the annual fees, including previous unpaid annual fees, any late payment penalties and the state imposed service charge, assessed pursuant to this chapter and provided all of the applicable regulatory [Truncated]
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 06-12-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-25-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Please comply with the following to avoid legal action. Upon completion notify inspector Hamilton at steven.hamilton@lacity.org so the violations can be cleared. 1. Please remember that CERS needs to be updated 1 time per year between Jan 1 and March 1 2. Attach your

THE BROMACK COMPANY (Continued) **S102825030**

contingency plan to the plans section of CERS. I have given you the blank form for you to fill out and upload to the system. If you use this form you can check that the employ training is located in another portion of CERS. 3. Obtain a consolidated permit from the Los Angeles Fire department. Please contact Elva Davila at (213)978-3576 within the next 7 days to avoid legal action. Elva Davila will instruct you how to obtain your permit

Eval Division: Los Angeles City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 08-31-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 05-23-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 05-30-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-25-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Oscar Gonzales, Foreman
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-17-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Margie Esquivel, Executive Assistant
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

THE BROMACK COMPANY (Continued) **S102825030**

Coordinates:

Site ID:	160621
Facility Name:	THE BROMACK CO
Env Int Type Code:	HWG
Program ID:	10251391
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.
Latitude:	34.081060
Longitude:	-118.216680

Affiliation:

Affiliation Type Desc:	Document Preparer
Entity Name:	Kurt Webster
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	3005 HUMBOLDT ST
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90031
Affiliation Phone:	Not reported

Affiliation Type Desc:	Legal Owner
Entity Name:	Bromack Manufacturing, Inc.
Entity Title:	Not reported
Affiliation Address:	3005 HUMBOLDT ST
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90031
Affiliation Phone:	(323) 227-5000

Affiliation Type Desc:	Parent Corporation
Entity Name:	THE BROMACK CO
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Identification Signer
Entity Name:	KURT WEBSTER
Entity Title:	Controller
Affiliation Address:	Not reported
Affiliation City:	Not reported

THE BROMACK COMPANY (Continued) **S102825030**

Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Operator
Entity Name:	Bromack
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(323) 227-5000

Affiliation Type Desc:	CUPA District
Entity Name:	Los Angeles City Fire Department
Entity Title:	Not reported
Affiliation Address:	200 North Main Street, Room 1780
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90012
Affiliation Phone:	(213) 978-3680

EMI:

Year:	1990
County Code:	19
Air Basin:	SC
Facility ID:	78159
Air District Name:	SC
SIC Code:	2521
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

HAZNET:

Name:	BROMACK MANUFACTURING INC
Address:	3005 HUMBOLDT ST
City,State,Zip:	LOS ANGELES, CA 900310000
Year:	2015
GEPAID:	CAL000167538
Contact:	KURT WEBSTER CONTROLLER
Telephone:	3232275000
Mailing Name:	Not reported
Mailing Address:	PO BOX 31354
Mailing City,St,Zip:	LOS ANGELES, CA 900310000
Gen County:	Los Angeles

THE BROMACK COMPANY (Continued) **S102825030**

TSD EPA ID: CAD008252405
TSD County: Los Angeles
Tons: 0.3
CA Waste Code: 513-Empty containers less than 30 gallons
Method: H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Los Angeles

Name: BROMACK MANUFACTURING INC
Address: 3005 HUMBOLDT ST
City,State,Zip: LOS ANGELES, CA 900310000
Year: 2015
GEPAID: CAL000167538
Contact: KURT WEBSTER CONTROLLER
Telephone: 3232275000
Mailing Name: Not reported
Mailing Address: PO BOX 31354
Mailing City,St,Zip: LOS ANGELES, CA 900310000
Gen County: Los Angeles
TSD EPA ID: CAD008252405
TSD County: Los Angeles
Tons: 0.125
CA Waste Code: 352-Other organic solids
Method: H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Los Angeles

Name: THE BROMACK CO
Address: 3005 HUMBOLDT ST
City,State,Zip: LOS ANGELES, CA 900310000
Year: 1995
GEPAID: CAL000167538
Contact: KURT WEBSTER CONTROLLER
Telephone: 3232275000
Mailing Name: Not reported
Mailing Address: 3005 HUMBOLDT ST
Mailing City,St,Zip: LOS ANGELES, CA 900310000
Gen County: Los Angeles
TSD EPA ID: CAD089446710
TSD County: Los Angeles
Tons: 0.363
CA Waste Code: 331-Off-specification, aged or surplus organics
Method: H01-Transfer Station
Facility County: Los Angeles

Name: THE BROMACK CO
Address: 3005 HUMBOLDT ST
City,State,Zip: LOS ANGELES, CA 900310000
Year: 1995
GEPAID: CAL000167538
Contact: KURT WEBSTER CONTROLLER
Telephone: 3232275000
Mailing Name: Not reported
Mailing Address: 3005 HUMBOLDT ST
Mailing City,St,Zip: LOS ANGELES, CA 900310000
Gen County: Los Angeles
TSD EPA ID: CAD089446710

THE BROMACK COMPANY (Continued) **S102825030**

TSD County: Los Angeles
Tons: 0.3
CA Waste Code: 513-Empty containers less than 30 gallons
Method: H01-Transfer Station
Facility County: Los Angeles

LOS ANGELES HM:
Facility ID: FA0027058
Last Run Date: 01/01/2019
Status: ACTIVE

CERS TANKS:
Site ID: 160621
CERS ID: 10251391
Site Name: THE BROMACK CO
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 160621
Site Name: THE BROMACK CO
Violation Date: 07-25-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to establish and electronically submit an adequate training program in safety procedures in the event of a release or threatened release of a hazardous material.
Violation Notes: Returned to compliance on 08/09/2016.
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 160621
Site Name: THE BROMACK CO
Violation Date: 07-25-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 08/09/2016.
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 160621
Site Name: THE BROMACK CO
Violation Date: 07-25-2016
Citation: HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507
Violation Description: Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 08/09/2016.
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS

THE BROMACK COMPANY (Continued) **S102825030**

Site ID:	160621
Site Name:	THE BROMACK CO
Violation Date:	07-25-2016
Citation:	HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description:	Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.
Violation Notes:	Returned to compliance on 08/09/2016.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	160621
Site Name:	THE BROMACK CO
Violation Date:	09-17-2018
Citation:	40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description:	Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Notes:	Returned to compliance on 09/17/2018. OBSERVATION: Waste glue in several 5-gallon containers were observed open. CORRECTIVE ACTION: Submit photos to the CUPA demonstrating that the container listed above has been properly closed.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS

Site ID:	160621
Site Name:	THE BROMACK CO
Violation Date:	09-17-2018
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 09/17/2018. OBSERVATION: Two 55-gallon drums of waste glue located at hazardous waste storage area were observed without a hazardous waste label. CORRECTIVE ACTION: Submit a photo to the CUPA demonstrating that the container listed above has been properly labeled.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS

Site ID:	160621
Site Name:	THE BROMACK CO

THE BROMACK COMPANY (Continued) **S102825030**

Violation Date:	07-25-2016
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 08/09/2016.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	160621
Site Name:	THE BROMACK CO
Violation Date:	07-25-2016
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.
Violation Notes:	Returned to compliance on 08/09/2016.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	160621
Site Name:	THE BROMACK CO
Violation Date:	08-25-2015
Citation:	22 CCR 12 66262.20 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.20
Violation Description:	Failure to prepare a hazardous waste manifest for the transport of a hazardous waste for off-site transfer, treatment, storage, or disposal.
Violation Notes:	Returned to compliance on 05/30/2017. OBSERVATION: The Owner/Operator to provide receipt/manifests for the following items: ? Facility does not have rags on manifest or other receipts, rags were described as normal part of the process (cleaning glue of the edges of wood) ? Filters not on manifest or other receipt ? Missing manifest for 2013 CORRECTIVE ACTION: The Owner/Operator shall properly prepare manifests for any transport of a hazardous waste for off-site transfer, treatment, storage or disposal going forward. Provide a copy of a prepared manifest to the CUPA to verify compliance.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	160621
Site Name:	THE BROMACK CO
Violation Date:	08-25-2015
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 08/31/2017. OBSERVATION: Accumulation start date missing from paint waste solvent container. All hazardous waste

THE BROMACK COMPANY (Continued) **S102825030**

containers shall be marked with the following information: 1) the words ?Hazardous Waste?; 2) name and address of generator; 3) hazardous properties; 4) physical state; 5) composition (contents); 6) accumulation start date. CORRECTIVE ACTION: Immediately label these containers and ensure that all hazardous waste containers are marked with all the required information.

Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 160621
Site Name: THE BROMACK CO
Violation Date: 07-25-2016
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes: Returned to compliance on 08/09/2016.
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 160621
Site Name: THE BROMACK CO
Violation Date: 08-25-2015
Citation: 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description: Failure to obtain and/or maintain an Active EPA ID.
Violation Notes: Returned to compliance on 06/12/2017. OBSERVATION: This facility failed to provide proof of valid EPA ID number to manage hazardous waste. A hazardous waste generator shall not treat, store, dispose of, transport or offer for transportation, hazardous waste without an EPA ID number. CORRECTIVE ACTION: Immediately obtain an EPA ID number through DTSC to manage hazardous waste and submit evidence to the CUPA.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 160621
Site Name: THE BROMACK CO
Violation Date: 08-25-2015
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Haz Waste Generator Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 06/12/2017. OBSERVATION: The Owner/Operator failed to provide proof of consolidate hazardous material/hazardous waste permit. CORRECTIVE ACTION: The Owner/Operator shall immediately provide valid copy of hazardous material/hazardous waste permit. Every person, business, or business concern within the jurisdiction of the LACoCUPA and subject to the requirements of one or more of the program elements shall be required to pay the applicable annual fees and any applicable late payment penalty and apply for and obtain from the LACoCUPA a unified program facility permit for the program elements applicable to such facility prior to the commencement of any business or activity related to any of the program elements. Upon receipt of

THE BROMACK COMPANY (Continued) **S102825030**

full payment from a unified program facility for all the annual fees, including previous unpaid annual fees, any late payment penalties and the state imposed service charge, assessed pursuant to this chapter and provided all of the applicable regulatory [Truncated]

Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Evaluation:

Eval General Type: Other/Unknown
Eval Date: 06-12-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-25-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Please comply with the following to avoid legal action. Upon completion notify inspector Hamilton at steven.hamilton@lacity.org so the violations can be cleared. 1. Please remember that CERS needs to be updated 1 time per year between Jan 1 and March 1 2. Attach your contingency plan to the plans section of CERS. I have given you the blank form for you to fill out and upload to the system. If you use this form you can check that the employ training is located in another portion of CERS. 3. Obtain a consolidated permit from the Los Angeles Fire department. Please contact Elva Davila at (213)978-3576 within the next 7 days to avoid legal action. Elva Davila will instruct you how to obtain your permit
Eval Division: Los Angeles City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 08-31-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 05-23-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 05-30-2017

THE BROMACK COMPANY (Continued) **S102825030**

Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-25-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Oscar Gonzales, Foreman
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-17-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Margie Esquivel, Executive Assistant
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Coordinates:
Site ID: 160621
Facility Name: THE BROMACK CO
Env Int Type Code: HWG
Program ID: 10251391
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 34.081060
Longitude: -118.216680

Affiliation:
Affiliation Type Desc: Document Preparer
Entity Name: Kurt Webster
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 3005 HUMBOLDT ST
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90031
Affiliation Phone: Not reported

THE BROMACK COMPANY (Continued) **S102825030**

Affiliation Type Desc:	Legal Owner
Entity Name:	Bromack Manufacturing, Inc.
Entity Title:	Not reported
Affiliation Address:	3005 HUMBOLDT ST
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90031
Affiliation Phone:	(323) 227-5000

Affiliation Type Desc:	Parent Corporation
Entity Name:	THE BROMACK CO
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Identification Signer
Entity Name:	KURT WEBSTER
Entity Title:	Controller
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Operator
Entity Name:	Bromack
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(323) 227-5000

Affiliation Type Desc:	CUPA District
Entity Name:	Los Angeles City Fire Department
Entity Title:	Not reported
Affiliation Address:	200 North Main Street, Room 1780
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90012
Affiliation Phone:	(213) 978-3680

Q115
West
1/8-1/4
0.224 mi.
1182 ft.

FACTORY APRON/TOWEL SUPPLY INC
3200 N FIGUEROA ST
LOS ANGELES, CA 90065

Site 1 of 5 in cluster Q

SWEEPS UST
HIST UST
CA FID UST
EMI
HAZMAT

S101585258
N/A

Relative:
Lower

Actual:
352 ft.

SWEEPS UST:

Status:	Not reported
Comp Number:	1301
Number:	Not reported
Board Of Equalization:	44-011721
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-050-001301-000001
Tank Status:	Not reported
Capacity:	2000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	REG UNLEADED
Number Of Tanks:	5

Status:	Not reported
Comp Number:	1301
Number:	Not reported
Board Of Equalization:	44-011721
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-050-001301-000002
Tank Status:	Not reported
Capacity:	10000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	REG UNLEADED
Number Of Tanks:	Not reported

Status:	Not reported
Comp Number:	1301
Number:	Not reported
Board Of Equalization:	44-011721
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-050-001301-000003
Tank Status:	Not reported
Capacity:	2000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	DIESEL
Number Of Tanks:	Not reported

Status:	Not reported

FACTORY APRON/TOWEL SUPPLY INC (Continued) **S101585258**

Comp Number: 1301
Number: Not reported
Board Of Equalization: 44-011721
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-001301-000004
Tank Status: Not reported
Capacity: Not reported
Active Date: Not reported
Tank Use: CHEMICAL
STG: PRODUCT
Content: UNKNOWN
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 1301
Number: Not reported
Board Of Equalization: 44-011721
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-001301-000005
Tank Status: Not reported
Capacity: 400
Active Date: Not reported
Tank Use: CHEMICAL
STG: PRODUCT
Content: UNKNOWN
Number Of Tanks: Not reported

HIST UST:
File Number: 000266AE
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000266AE.pdf
Region: Not reported
Facility ID: Not reported
Facility Type: Not reported
Other Type: Not reported
Contact Name: Not reported
Telephone: Not reported
Owner Name: Not reported
Owner Address: Not reported
Owner City,St,Zip: Not reported
Total Tanks: Not reported

Tank Num: Not reported
Container Num: Not reported
Year Installed: Not reported
Tank Capacity: Not reported
Tank Used for: Not reported
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Not reported

Tank Num: Not reported

FACTORY APRON/TOWEL SUPPLY INC (Continued) **S101585258**

Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Click here for Geo Tracker PDF:

CA FID UST:

Facility ID:	19021813
Regulated By:	UTNKI
Regulated ID:	00017635
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2132256161
Mail To:	Not reported
Mailing Address:	3200 N FIGUEROA ST
Mailing Address 2:	Not reported
Mailing City,St,Zip:	LOS ANGELES 900650000
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Inactive

EMI:

Year:	1990
County Code:	19
Air Basin:	SC
Facility ID:	44784
Air District Name:	SC
SIC Code:	7213
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	1
NOX - Oxides of Nitrogen Tons/Yr:	2
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1995
County Code:	19
Air Basin:	SC
Facility ID:	44784
Air District Name:	SC
SIC Code:	7213
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported

FACTORY APRON/TOWEL SUPPLY INC (Continued) **S101585258**

Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	1
NOX - Oxides of Nitrogen Tons/Yr:	2
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

LOS ANGELES HM:

Facility ID:	FA0035668
Last Run Date:	01/01/2019
Status:	ACTIVE

Q116 **AMERICAN WEST FINISHING** **UST** **U004307769**
West **3200 N FIGUEROA ST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90065**
0.224 mi.
1182 ft. **Site 2 of 5 in cluster Q**

Relative: LOS ANGELES UST:
Lower

Facility ID:	FA0035668
Last Run Date:	01/01/2019
Status:	INACTIVE

Actual:
352 ft.

Q117 **FACTORY ARRON & TOWEL SUPPLY INC** **DRYCLEANERS** **S121698666**
West **3200 N FIGUEROA ST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90065**
0.224 mi.
1182 ft. **Site 3 of 5 in cluster Q**

Relative: DRYCLEAN SOUTH COAST:
Lower

Facility ID:	5799
Application Number:	A61713
Permit Number:	P40638
Status:	O
Representative Name:	Not reported
Representative Telephone:	Not reported
Permit Status:	INACTIVE
BCAT Number:	000234
BCAT Description:	DRY CLEANING EQUIP PERCHLOROETHYLENE
CCAT Number:	02
CCAT Description:	ADSORBER (DRY CLEANING) REGENERATIVE
UTM East:	0
UTM North:	0

Actual:
352 ft.

Q118
West
1/8-1/4
0.224 mi.
1182 ft.

RENTA UNIFORM & TOWEL SUPPLY
3200 NORTH FIGUEROA STREET
LOS ANGELES, CA 90065
Site 4 of 5 in cluster Q

RCRA-SQG 1000395446
HIST UST CAD981462849
FINDS
ECHO

Relative:
Lower

Actual:
352 ft.

RCRA-SQG:

Date form received by agency:	09/01/1996
Facility name:	RENTA UNIFORM & TOWEL SUPPLY
Facility address:	3200 NORTH FIGUEROA STREET LOS ANGELES, CA 90065
EPA ID:	CAD981462849
Mailing address:	NORTH FIGUEROA STREET LOS ANGELES, CA 90065
Contact:	Not reported
Contact address:	Not reported Not reported
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	09
Land type:	Facility is not located on Indian land. Additional information is not known.
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	NOT REQUIRED
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	415-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	RENTA UNIFORM & TOWEL
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	415-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No

RENTA UNIFORM & TOWEL SUPPLY (Continued) **1000395446**

Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 04/10/1990
Site name: RENTA UNIFORM & TOWEL /RELIABLE TEXTILE
Classification: Large Quantity Generator

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 05/20/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 05/19/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

HIST UST:
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000041231
Facility Type: Other
Other Type: LAUNDRY & LINEN SUPP
Contact Name: Not reported
Telephone: 2132256161
Owner Name: FACTORY APRON & TOWEL, DBA REN
Owner Address: 3200 N. FIGUEROA STREET
Owner City,St,Zip: LOS ANGELES, CA 90065
Total Tanks: 0001

Tank Num: 001
Container Num: B-1
Year Installed: 1959
Tank Capacity: 00005000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual

RENTA UNIFORM & TOWEL SUPPLY (Continued) **1000395446**

Tank Num:	001
Container Num:	G-1
Year Installed:	1959
Tank Capacity:	00002000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Stock Inventor

Tank Num:	002
Container Num:	G-2
Year Installed:	1959
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Stock Inventor

Tank Num:	003
Container Num:	D-1
Year Installed:	1959
Tank Capacity:	00002000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Stock Inventor

Tank Num:	004
Container Num:	001
Year Installed:	1959
Tank Capacity:	00000000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Visual

Tank Num:	005
Container Num:	002
Year Installed:	1959
Tank Capacity:	00000400
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	6
Leak Detection:	Visual

FINDS:

Registry ID: 110002715946

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

RENTA UNIFORM & TOWEL SUPPLY (Continued) **1000395446**

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000395446
Registry ID: 110002715946
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002715946

N119 **NI WEST INCORPORATED** **SEMS-ARCHIVE** **1000710142**
SSW **3011 HUMBOLDT STREET** **CAD983657529**
1/8-1/4 **LOS ANGELES, CA 90031**
0.229 mi.
1211 ft. **Site 8 of 8 in cluster N**

Relative: **Lower**
Actual: **359 ft.**

SEMS Archive:
Site ID: 0904762
EPA ID: CAD983657529
Cong District: 24
FIPS Code: 06037
FF: N
NPL: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:
Region: 09
Site ID: 0904762
EPA ID: CAD983657529
Site Name: NI WEST INCORPORATED
NPL: N
FF: N
OU: 00
Action Code: VS
Action Name: ARCH SITE
SEQ: 1
Start Date: Not reported
Finish Date: 2013-11-07 05:00:00
Qual: Not reported
Current Action Lead: EPA Perf In-Hse

Region: 09
Site ID: 0904762
EPA ID: CAD983657529
Site Name: NI WEST INCORPORATED
NPL: N
FF: N
OU: 00
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1993-01-25 05:00:00
Finish Date: 1993-01-25 05:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0904762
EPA ID: CAD983657529

NI WEST INCORPORATED (Continued) **1000710142**

Site Name:	NI WEST INCORPORATED
NPL:	N
FF:	N
OU:	00
Action Code:	NX
Action Name:	COMB PA/SI
SEQ:	1
Start Date:	2003-03-01 05:00:00
Finish Date:	2005-09-12 04:00:00
Qual:	N
Current Action Lead:	EPA Perf

R120 **LOS ANGELES USD NIGHTINGAL JR HG SCHOOL** **RCRA-SQG** **1000102133**
NW **3311 N FIGUEROA ST** **FINDS** **CAD982022584**
1/8-1/4 **LOS ANGELES, CA 90065** **ECHO**
0.230 mi.
1216 ft. **Site 1 of 2 in cluster R**

Relative:
Higher

Actual:
380 ft.

RCRA-SQG:

Date form received by agency:	02/01/2006
Facility name:	LAUSD-NIGHTINGALE MIDDLE SCHOOL
Facility address:	3311 N. FIGUEROA STREET LOS ANGELES, CA 90065
EPA ID:	CAD982022584
Mailing address:	333 S. BEAUDRY AVE, 20TH FLOOR LOS ANGELES, CA 90017
Contact:	SOE AUNG
Contact address:	Not reported Not reported
Contact country:	US
Contact telephone:	213-241-3904
Contact email:	SOE.AUNG@LAUSD.NET
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	415-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Municipal
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	NOT REQUIRED
Owner/operator address:	NOT REQUIRED

LOS ANGELES USD NIGHTINGAL JR HG SCHOOL (Continued) **1000102133**

NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Municipal
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Owner/operator address: 333 S. BEAUDRY AVE, 20TH FLOOR
LOS ANGELES, CA 90017
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: State
Owner/Operator Type: Owner
Owner/Op start date: 01/01/2005
Owner/Op end date: Not reported

Owner/operator name: LAUSD-NIGHTINGALE MIDDLE SCHOOL
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: State
Owner/Operator Type: Operator
Owner/Op start date: 01/01/2005
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 02/01/2006

LOS ANGELES USD NIGHTINGAL JR HG SCHOOL (Continued) **1000102133**

Site name: LAUSD-NIGHTINGALE MIDDLE SCHOOL
Classification: Large Quantity Generator

Date form received by agency: 08/07/1987
Site name: LOS ANGELES USD NIGHTINGAL JR HG SCHOOL
Classification: Small Quantity Generator

Hazardous Waste Summary:

. Waste code: 181
. Waste name: Other inorganic solid waste

. Waste code: D008
. Waste name: LEAD

Violation Status: No violations found

FINDS:

Registry ID: 110002779191

Environmental Interest/Information System

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000102133
Registry ID: 110002779191
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002779191

R121 **LAUSD/NIGHTINGALE JH** **CERS HAZ WASTE** **S113012608**
NW **3311 N FIGUEROA ST** **HAZNET** **N/A**
1/8-1/4 **LOS ANGELES, CA 90065** **HAZMAT**
0.230 mi. **CERS**
1216 ft. **Site 2 of 2 in cluster R**

Relative: **Higher**
Actual: **380 ft.**

CERS HAZ WASTE:
Site ID: 52194
CERS ID: 10491667
CERS Description: Hazardous Waste Generator

Violations:
Site ID: 52194

LAUSD/NIGHTINGALE JH (Continued) **S113012608**

Site Name: Nightingale Middle School
Violation Date: 10-25-2018
Citation: 22 CCR 23 66273.34 - California Code of Regulations, Title 22, Chapter 23, Section(s) 66273.34
Violation Description: Failure to label or mark each individual or container or the designated area of universal waste as required. 1) Waste batteries shall be marked with "Universal Waste-Battery(ies)?. 2) Mercury containing equipment shall be marked with "Universal Waste -Mercury-Containing Equipment?. 3) Lamps shall be marked with ?Universal Waste-Lamp(s)?. 4)Each electronic devices or the container or the designated area shall be marked with ?Universal Waste-Electronic Device(s)?. 5) Each CRTs or the container or the designated area shall be marked with "Universal Waste-CRT(s)?. 6) CRT glass or the designated area shall be marked with ?Universal Waste-CRT glass?.
Violation Notes: Returned to compliance on 03/05/2019. OBSERVATION: Owner/Operator failed to properly label universal waste. CORRECTIVE ACTION: Properly label universal waste fluorescent lamps and submit statement of compliance and/or a photo of the waste labeled properly.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 03-05-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-03-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Irish Isaac (Environmental Safety Officer) Observed no significant violation on site at time of inspection.
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-16-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: jardiel.ochoa@lausd.net
Eval Division: Los Angeles City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-25-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Carmen Trejo, Buildings and Grounds Worker

LAUSD/NIGHTINGALE JH (Continued) **S113012608**

Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Coordinates:
Site ID: 52194
Facility Name: Nightingale Middle School
Env Int Type Code: HWG
Program ID: 10491667
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 34.087670
Longitude: -118.219120

Affiliation:
Affiliation Type Desc: Document Preparer
Entity Name: Irish Isaac
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Entity Title: Not reported
Affiliation Address: 333 S BEAUDRY AVE, 21st. FL
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 90017
Affiliation Phone: (213) 241-3199

Affiliation Type Desc: Parent Corporation
Entity Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: CUPA District
Entity Name: Los Angeles City Fire Department
Entity Title: Not reported
Affiliation Address: 200 North Main Street, Room 1780
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90012
Affiliation Phone: (213) 978-3680

Affiliation Type Desc: Facility Mailing Address

LAUSD/NIGHTINGALE JH (Continued) **S113012608**

Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	333 S BEAUDRY AVE 21st FL
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90017
Affiliation Phone:	Not reported
Affiliation Type Desc:	Property Owner
Entity Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Entity Title:	Not reported
Affiliation Address:	333 S BEAUDRY AVE, 21ST. FLOOR
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90017
Affiliation Phone:	(213) 241-3199
Affiliation Type Desc:	Environmental Contact
Entity Name:	GRETA GALOUSTIAN
Entity Title:	Not reported
Affiliation Address:	333 S BEAUDRY AV 21ST FL
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90017
Affiliation Phone:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	Douglas Meza
Entity Title:	PRINCIPAL
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Operator
Entity Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(213) 241-3199

HAZNET:

Name:	LAUSD/NIGHTINGALE JH
Address:	3311 N FIGUEROA ST
City,State,Zip:	LOS ANGELES, CA 900650000
Year:	2014
GEPAID:	CAD982022584
Contact:	PAT SCHAENEN

LAUSD/NIGHTINGALE JH (Continued) **S113012608**

Telephone:	2132413921
Mailing Name:	Not reported
Mailing Address:	420 S BEAUDRY AVE FL 28
Mailing City,St,Zip:	LOS ANGELES, CA 900170000
Gen County:	Los Angeles
TSD EPA ID:	CAD009007626
TSD County:	Los Angeles
Tons:	1.2
CA Waste Code:	151-Asbestos containing waste
Method:	H132-Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Facility County:	Los Angeles

Name:	LAUSD/NIGHTINGALE JH
Address:	3311 N FIGUEROA ST
City,State,Zip:	LOS ANGELES, CA 900650000
Year:	2013
GEPAID:	CAD982022584
Contact:	SOE AUNG
Telephone:	2137455939
Mailing Name:	Not reported
Mailing Address:	333 S BEAUNDRY AVE 28TH FLR
Mailing City,St,Zip:	LOS ANGELES, CA 900170000
Gen County:	Los Angeles
TSD EPA ID:	CAD009007626
TSD County:	Los Angeles
Tons:	0.4
CA Waste Code:	151-Asbestos containing waste
Method:	H132-Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Facility County:	Los Angeles

Name:	LAUSD/NIGHTINGALE JH
Address:	3311 N FIGUEROA ST
City,State,Zip:	LOS ANGELES, CA 900650000
Year:	2012
GEPAID:	CAD982022584
Contact:	SOE AUNG
Telephone:	2137455939
Mailing Name:	Not reported
Mailing Address:	333 S BEAUNDRY AVE 28TH FLR
Mailing City,St,Zip:	LOS ANGELES, CA 900170000
Gen County:	Los Angeles
TSD EPA ID:	CAD028409019
TSD County:	Los Angeles
Tons:	0.0325
CA Waste Code:	551-Laboratory waste chemicals
Method:	H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	Los Angeles

Name:	LAUSD/NIGHTINGALE JH
Address:	3311 N FIGUEROA ST
City,State,Zip:	LOS ANGELES, CA 900650000
Year:	2009
GEPAID:	CAD982022584
Contact:	SOE AUNG

LAUSD/NIGHTINGALE JH (Continued) **S113012608**

Telephone: 2137455939
Mailing Name: Not reported
Mailing Address: 333 S BEAUNDRY AVE 28TH FLR
Mailing City,St,Zip: LOS ANGELES, CA 900170000
Gen County: Los Angeles
TSD EPA ID: CAD009007626
TSD County: Los Angeles
Tons: 31.2
CA Waste Code: 151-Asbestos containing waste
Method: H132-Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Facility County: Los Angeles

Name: LAUSD/NIGHTINGALE JH
Address: 3311 N FIGUEROA ST
City,State,Zip: LOS ANGELES, CA 900650000
Year: 2009
GEPAID: CAD982022584
Contact: SOE AUNG
Telephone: 2137455939
Mailing Name: Not reported
Mailing Address: 333 S BEAUNDRY AVE 28TH FLR
Mailing City,St,Zip: LOS ANGELES, CA 900170000
Gen County: Los Angeles
TSD EPA ID: CAD028409019
TSD County: Los Angeles
Tons: 0.025
CA Waste Code: 181-Other inorganic solid waste
Method: H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Los Angeles

Click this hyperlink while viewing on your computer to access
14 additional CA_HAZNET: record(s) in the EDR Site Report.

LOS ANGELES HM:
Facility ID: FA0013603
Last Run Date: 01/01/2019
Status: ACTIVE

CERS TANKS:
Site ID: 52194
CERS ID: 10491667
Site Name: NIGHTINGALE MIDDLE SCHOOL
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 52194
Site Name: Nightingale Middle School
Violation Date: 10-25-2018
Citation: 22 CCR 23 66273.34 - California Code of Regulations, Title 22, Chapter 23, Section(s) 66273.34
Violation Description: Failure to label or mark each individual or container or the designated area of universal waste as required. 1) Waste batteries shall be marked with "Universal Waste-Battery(ies)?. 2) Mercury containing equipment shall be marked with "Universal Waste -Mercury-Containing Equipment?. 3) Lamps shall be marked with

LAUSD/NIGHTINGALE JH (Continued) **S113012608**

?Universal Waste-Lamp(s)?. 4)Each electronic devices or the container or the designated area shall be marked with ?Universal Waste-Electronic Device(s)?. 5) Each CRTs or the container or the designated area shall be marked with "Universal Waste-CRT(s)?. 6) CRT glass or the designated area shall be marked with ?Universal Waste-CRT glass?.

Violation Notes: Returned to compliance on 03/05/2019. OBSERVATION: Owner/Operator failed to properly label universal waste. CORRECTIVE ACTION: Properly label universal waste fluorescent lamps and submit statement of compliance and/or a photo of the waste labeled properly.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 03-05-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-03-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Irish Isaac (Environmental Safety Officer) Observed no significant violation on site at time of inspection.
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-16-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: jardiel.ochoa@lausd.net
Eval Division: Los Angeles City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-25-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Carmen Trejo, Buildings and Grounds Worker
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Coordinates:
Site ID: 52194
Facility Name: Nightingale Middle School
Env Int Type Code: HWG

LAUSD/NIGHTINGALE JH (Continued) **S113012608**

Program ID: 10491667
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 34.087670
Longitude: -118.219120

Affiliation:
Affiliation Type Desc: Document Preparer
Entity Name: Irish Isaac
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Entity Title: Not reported
Affiliation Address: 333 S BEAUDRY AVE, 21st. FL
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 90017
Affiliation Phone: (213) 241-3199

Affiliation Type Desc: Parent Corporation
Entity Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: CUPA District
Entity Name: Los Angeles City Fire Department
Entity Title: Not reported
Affiliation Address: 200 North Main Street, Room 1780
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90012
Affiliation Phone: (213) 978-3680

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 333 S BEAUDRY AVE 21st FL
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90017
Affiliation Phone: Not reported

LAUSD/NIGHTINGALE JH (Continued) **S113012608**

Affiliation Type Desc:	Property Owner
Entity Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Entity Title:	Not reported
Affiliation Address:	333 S BEAUDRY AVE, 21ST. FLOOR
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90017
Affiliation Phone:	(213) 241-3199

Affiliation Type Desc:	Environmental Contact
Entity Name:	GRETA GALOUSTIAN
Entity Title:	Not reported
Affiliation Address:	333 S BEAUDRY AV 21ST FL
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90017
Affiliation Phone:	Not reported

Affiliation Type Desc:	Identification Signer
Entity Name:	Douglas Meza
Entity Title:	PRINCIPAL
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Operator
Entity Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(213) 241-3199

P122 **ALVARADO CUSTOM FURNITURE** **RCRA NonGen / NLR** **1024791378**
SSW **2907 HUMBOLDT ST** **CAL000104877**
1/8-1/4 **LOS ANGELES, CA 90031**
0.230 mi.
1217 ft. **Site 3 of 5 in cluster P**

Relative: **Lower**
Actual: **361 ft.**

RCRA NonGen / NLR:

Date form received by agency:	09/16/1998
Facility name:	ALVARADO CUSTOM FURNITURE
Facility address:	2907 HUMBOLDT ST LOS ANGELES, CA 90031-1828
EPA ID:	CAL000104877
Contact:	ROBERT ALVARADO
Contact address:	2907 HUMBOLDT ST LOS ANGELES, CA 90031
Contact country:	Not reported
Contact telephone:	323-222-0038

ALVARADO CUSTOM FURNITURE (Continued) **1024791378**

Contact email: ALVARADOALTACALIDAD@GMAIL.COM
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: ROBERT ALVARADO
Owner/operator address: 2907 HUMBOLDT ST
LOS ANGELES, CA 90031
Owner/operator country: Not reported
Owner/operator telephone: 323-222-0038
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: ROBERT ALVARADO
Owner/operator address: 2907 HUMBOLDT ST
LOS ANGELES, CA 90031
Owner/operator country: Not reported
Owner/operator telephone: 323-222-0038
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: Yes
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

P123 **ALVARADO CUSTOM FURNITURE** **CERS HAZ WASTE** **S123535952**
SSW **2907 E HUMBOLDT ST** **HAZMAT** **N/A**
1/8-1/4 **LOS ANGELES, CA 90031** **CERS**
0.230 mi.
1217 ft. **Site 4 of 5 in cluster P**

Relative: **Lower**
Actual: **361 ft.**

CERS HAZ WASTE:

Site ID:	91388
CERS ID:	10254190
CERS Description:	Hazardous Waste Generator

Violations:

Site ID:	91388
Site Name:	ALVARADO CUSTOM FURNITURE
Violation Date:	05-02-2017
Citation:	HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description:	Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.
Violation Notes:	Returned to compliance on 06/02/2017.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	91388
Site Name:	ALVARADO CUSTOM FURNITURE
Violation Date:	05-02-2017
Citation:	HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description:	Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes:	Returned to compliance on 06/02/2017.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	91388
Site Name:	ALVARADO CUSTOM FURNITURE
Violation Date:	10-31-2018
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	OBSERVATION: 2 x 55 gallon steel drum of (used solvent for glue,acetone, solvent, paint, paint filters) located in the outside the shop but on business property was observed without a hazardous waste label. CORRECTIVE ACTION: Submit a photo to the CUPA demonstrating that the container listed above has been properly labeled.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW

ALVARADO CUSTOM FURNITURE (Continued) **S123535952**

Violation Source:	CERS
Site ID:	91388
Site Name:	ALVARADO CUSTOM FURNITURE
Violation Date:	05-02-2017
Citation:	HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Description:	Failure to notify property owner in writing that the business is subject to the business plan program and has complied with its provisions.
Violation Notes:	Returned to compliance on 06/02/2017.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	91388
Site Name:	ALVARADO CUSTOM FURNITURE
Violation Date:	05-02-2017
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.
Violation Notes:	Returned to compliance on 06/02/2017.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	91388
Site Name:	ALVARADO CUSTOM FURNITURE
Violation Date:	05-02-2017
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 06/02/2017.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	91388
Site Name:	ALVARADO CUSTOM FURNITURE
Violation Date:	08-25-2015
Citation:	22 CCR 12 66262.34(d) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(d)
Violation Description:	Failure to dispose of hazardous waste within 180 days (or 270 if waste is transported over 200 miles) for the generator who generates less than 1000 kilogram per month, but more than 100 kilograms per month.
Violation Notes:	Returned to compliance on 04/07/2016. OBSERVATION: Provide proof of disposal of hazardous waste every 180 days. I.e. Manifest records. Facilities who generate less than 1000 kg of hazardous waste per month and do not exceed 6000 kg of waste stored on site at any time may store waste on site up to 180 days. CORRECTIVE ACTION: Immediately contact a licensed hazardous waste hauler to dispose of this waste under manifest and submit a copy of the manifest to the CUPA.

ALVARADO CUSTOM FURNITURE (Continued) **S123535952**

Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	91388
Site Name:	ALVARADO CUSTOM FURNITURE
Violation Date:	05-02-2017
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 06/02/2017.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	91388
Site Name:	ALVARADO CUSTOM FURNITURE
Violation Date:	05-02-2017
Citation:	HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507
Violation Description:	Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Returned to compliance on 06/02/2017.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	91388
Site Name:	ALVARADO CUSTOM FURNITURE
Violation Date:	08-25-2015
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 04/07/2016. OBSERVATION: Observed 2 x 5 gallon container of paint solvent waste not labeled. All hazardous waste containers shall be marked with the following information: 1) the words ?Hazardous Waste?; 2) name and address of generator; 3) hazardous properties; 4) physical state; 5) composition (contents); 6) accumulation start date. CORRECTIVE ACTION: Immediately label these containers and ensure that all hazardous waste containers are marked with all the required information.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	91388
Site Name:	ALVARADO CUSTOM FURNITURE
Violation Date:	05-02-2017
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to establish and electronically submit an adequate training

ALVARADO CUSTOM FURNITURE (Continued) **S123535952**

	program in safety procedures in the event of a release or threatened release of a hazardous material.
Violation Notes:	Returned to compliance on 06/02/2017.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	91388
Site Name:	ALVARADO CUSTOM FURNITURE
Violation Date:	08-25-2015
Citation:	HSC 6.11 25404.1 - California Health and Safety Code, Chapter 6.11, Section(s) 25404.1
Violation Description:	Failure to obtain and/or maintain an active hazardous waste generator permit.
Violation Notes:	Returned to compliance on 04/07/2016. OBSERVATION: The Owner/Operator failed to provide proof of an active hazardous waste generator permit. CORRECTIVE ACTION: The Owner/Operator shall immediately apply to receive a new or renewed hazardous waste generator permit and maintain that permit as active as long as the facility is in operation and continues to generate hazardous waste.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	91388
Site Name:	ALVARADO CUSTOM FURNITURE
Violation Date:	08-25-2015
Citation:	22 CCR 12 66262.20 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.20
Violation Description:	Failure to prepare a hazardous waste manifest for the transport of a hazardous waste for off-site transfer, treatment, storage, or disposal.
Violation Notes:	Returned to compliance on 04/07/2016. OBSERVATION: The Owner/Operator failed to prepare hazardous waste manifests for the transport of a hazardous waste for off-site transfer, treatment, storage or disposal as required. CORRECTIVE ACTION: The Owner/Operator shall properly prepare manifests for any transport of a hazardous waste for off-site transfer, treatment, storage or disposal going forward. Provide a copy of a prepared manifest to the CUPA to verify compliance.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	91388
Site Name:	ALVARADO CUSTOM FURNITURE
Violation Date:	05-02-2017
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit a site map with all required content.
Violation Notes:	Returned to compliance on 06/02/2017.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	91388
Site Name:	ALVARADO CUSTOM FURNITURE

ALVARADO CUSTOM FURNITURE (Continued) **S123535952**

Violation Date:	05-02-2017
Citation:	HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Description:	Failure to provide a copy of the business plan to the owner or the owner's agent within five working days after receiving a request for a copy from the owner or the owner's agent.
Violation Notes:	Returned to compliance on 06/02/2017.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	91388
Site Name:	ALVARADO CUSTOM FURNITURE
Violation Date:	10-31-2018
Citation:	22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description:	Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes:	OBSERVATION: Uniform Hazardous Waste Manifests for 2 x 55 gallon HW (used solvent for glue,acetone, solvent, paint, paint filters) were not available at the time of inspection. CORRECTIVE ACTION: Locate a copy of all manifests for the 2 x 55 gallon HW (used solvent for glue,acetone, solvent, paint, paint filters) and submit copies to the CUPA.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	91388
Site Name:	ALVARADO CUSTOM FURNITURE
Violation Date:	05-02-2017
Citation:	19 CCR 6.95 25508(a)(1) - California Code of Regulations, Title 19, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page.
Violation Notes:	Returned to compliance on 06/02/2017.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	91388
Site Name:	ALVARADO CUSTOM FURNITURE
Violation Date:	05-02-2017
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Returned to compliance on 06/02/2017.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	91388

ALVARADO CUSTOM FURNITURE (Continued) **S123535952**

Site Name: ALVARADO CUSTOM FURNITURE
Violation Date: 06-20-2017
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 07/20/2017.
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 02-09-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-02-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: 14 x 5 gallons flammable liquid (acetone, mineral sprite, stain, finishes etc.) alvaradoaltacalidad@gmail.com Candice
Eval Division: Los Angeles City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-25-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Robert Alvarado, Owner via telephone Escorted by Daniel Recinos
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 03-14-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 04-07-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW

ALVARADO CUSTOM FURNITURE (Continued) **S123535952**

Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-20-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Facility inspection done along with CERS investigation. Met w/ Candice Alvarado regarding CERS.
Eval Division: Los Angeles City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-31-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Robert Alvarado, Owner
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Affiliation:
Affiliation Type Desc: Identification Signer
Entity Name: Robert Alvarado
Entity Title: Owner
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: ALVARADO, ROBERT
Entity Title: Not reported
Affiliation Address: 2907 HUMBOLDT ST
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 90031
Affiliation Phone: (323) 222-0038

Affiliation Type Desc: Environmental Contact
Entity Name: Robert Alvarado
Entity Title: Not reported
Affiliation Address: 2907 E HUMBOLDT ST
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90031
Affiliation Phone: Not reported

Affiliation Type Desc: Parent Corporation
Entity Name: ALVARADO CUSTOM FURNITURE
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported

ALVARADO CUSTOM FURNITURE (Continued) **S123535952**

Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Document Preparer
Entity Name: Candice Alvarado
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: CUPA District
Entity Name: Los Angeles City Fire Department
Entity Title: Not reported
Affiliation Address: 200 North Main Street, Room 1780
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90012
Affiliation Phone: (213) 978-3680

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 2907 HUMBOLDT ST
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90031
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: Robert Alvarado
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (323) 222-0038

LOS ANGELES HM:
Facility ID: FA0030555
Last Run Date: 01/01/2019
Status: ACTIVE

CERS TANKS:
Site ID: 91388
CERS ID: 10254190
Site Name: ALVARADO CUSTOM FURNITURE
CERS Description: Chemical Storage Facilities

ALVARADO CUSTOM FURNITURE (Continued) **S123535952**

Violations:

Site ID:	91388
Site Name:	ALVARADO CUSTOM FURNITURE
Violation Date:	05-02-2017
Citation:	HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description:	Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.
Violation Notes:	Returned to compliance on 06/02/2017.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	91388
Site Name:	ALVARADO CUSTOM FURNITURE
Violation Date:	05-02-2017
Citation:	HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description:	Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes:	Returned to compliance on 06/02/2017.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	91388
Site Name:	ALVARADO CUSTOM FURNITURE
Violation Date:	10-31-2018
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	OBSERVATION: 2 x 55 gallon steel drum of (used solvent for glue,acetone, solvent, paint, paint filters) located in the outside the shop but on business property was observed without a hazardous waste label. CORRECTIVE ACTION: Submit a photo to the CUPA demonstrating that the container listed above has been properly labeled.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS

Site ID:	91388
Site Name:	ALVARADO CUSTOM FURNITURE
Violation Date:	05-02-2017
Citation:	HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Description:	Failure to notify property owner in writing that the business is

ALVARADO CUSTOM FURNITURE (Continued) **S123535952**

	subject to the business plan program and has complied with its provisions.
Violation Notes:	Returned to compliance on 06/02/2017.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	91388
Site Name:	ALVARADO CUSTOM FURNITURE
Violation Date:	05-02-2017
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.
Violation Notes:	Returned to compliance on 06/02/2017.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	91388
Site Name:	ALVARADO CUSTOM FURNITURE
Violation Date:	05-02-2017
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 06/02/2017.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	91388
Site Name:	ALVARADO CUSTOM FURNITURE
Violation Date:	08-25-2015
Citation:	22 CCR 12 66262.34(d) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(d)
Violation Description:	Failure to dispose of hazardous waste within 180 days (or 270 if waste is transported over 200 miles) for the generator who generates less than 1000 kilogram per month, but more than 100 kilograms per month.
Violation Notes:	Returned to compliance on 04/07/2016. OBSERVATION: Provide proof of disposal of hazardous waste every 180 days. I.e. Manifest records. Facilities who generate less than 1000 kg of hazardous waste per month and do not exceed 6000 kg of waste stored on site at any time may store waste on site up to 180 days. CORRECTIVE ACTION: Immediately contact a licensed hazardous waste hauler to dispose of this waste under manifest and submit a copy of the manifest to the CUPA.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	91388
Site Name:	ALVARADO CUSTOM FURNITURE
Violation Date:	05-02-2017
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter

ALVARADO CUSTOM FURNITURE (Continued) **S123535952**

	6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 06/02/2017.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	91388
Site Name:	ALVARADO CUSTOM FURNITURE
Violation Date:	05-02-2017
Citation:	HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507
Violation Description:	Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Returned to compliance on 06/02/2017.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	91388
Site Name:	ALVARADO CUSTOM FURNITURE
Violation Date:	08-25-2015
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 04/07/2016. OBSERVATION: Observed 2 x 5 gallon container of paint solvent waste not labeled. All hazardous waste containers shall be marked with the following information: 1) the words ?Hazardous Waste?; 2) name and address of generator; 3) hazardous properties; 4) physical state; 5) composition (contents); 6) accumulation start date. CORRECTIVE ACTION: Immediately label these containers and ensure that all hazardous waste containers are marked with all the required information.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	91388
Site Name:	ALVARADO CUSTOM FURNITURE
Violation Date:	05-02-2017
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to establish and electronically submit an adequate training program in safety procedures in the event of a release or threatened release of a hazardous material.
Violation Notes:	Returned to compliance on 06/02/2017.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	91388

ALVARADO CUSTOM FURNITURE (Continued) **S123535952**

Site Name:	ALVARADO CUSTOM FURNITURE
Violation Date:	08-25-2015
Citation:	HSC 6.11 25404.1 - California Health and Safety Code, Chapter 6.11, Section(s) 25404.1
Violation Description:	Failure to obtain and/or maintain an active hazardous waste generator permit.
Violation Notes:	Returned to compliance on 04/07/2016. OBSERVATION: The Owner/Operator failed to provide proof of an active hazardous waste generator permit. CORRECTIVE ACTION: The Owner/Operator shall immediately apply to receive a new or renewed hazardous waste generator permit and maintain that permit as active as long as the facility is in operation and continues to generate hazardous waste.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS

Site ID:	91388
Site Name:	ALVARADO CUSTOM FURNITURE
Violation Date:	08-25-2015
Citation:	22 CCR 12 66262.20 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.20
Violation Description:	Failure to prepare a hazardous waste manifest for the transport of a hazardous waste for off-site transfer, treatment, storage, or disposal.
Violation Notes:	Returned to compliance on 04/07/2016. OBSERVATION: The Owner/Operator failed to prepare hazardous waste manifests for the transport of a hazardous waste for off-site transfer, treatment, storage or disposal as required. CORRECTIVE ACTION: The Owner/Operator shall properly prepare manifests for any transport of a hazardous waste for off-site transfer, treatment, storage or disposal going forward. Provide a copy of a prepared manifest to the CUPA to verify compliance.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS

Site ID:	91388
Site Name:	ALVARADO CUSTOM FURNITURE
Violation Date:	05-02-2017
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit a site map with all required content.
Violation Notes:	Returned to compliance on 06/02/2017.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	91388
Site Name:	ALVARADO CUSTOM FURNITURE
Violation Date:	05-02-2017
Citation:	HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Description:	Failure to provide a copy of the business plan to the owner or the owner's agent within five working days after receiving a request for a copy from the owner or the owner's agent.
Violation Notes:	Returned to compliance on 06/02/2017.
Violation Division:	Los Angeles City Fire Department

ALVARADO CUSTOM FURNITURE (Continued) **S123535952**

Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	91388
Site Name:	ALVARADO CUSTOM FURNITURE
Violation Date:	10-31-2018
Citation:	22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description:	Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes:	OBSERVATION: Uniform Hazardous Waste Manifests for 2 x 55 gallon HW (used solvent for glue,acetone, solvent, paint, paint filters) were not available at the time of inspection. CORRECTIVE ACTION: Locate a copy of all manifests for the 2 x 55 gallon HW (used solvent for glue,acetone, solvent, paint, paint filters) and submit copies to the CUPA.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	91388
Site Name:	ALVARADO CUSTOM FURNITURE
Violation Date:	05-02-2017
Citation:	19 CCR 6.95 25508(a)(1) - California Code of Regulations, Title 19, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page.
Violation Notes:	Returned to compliance on 06/02/2017.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	91388
Site Name:	ALVARADO CUSTOM FURNITURE
Violation Date:	05-02-2017
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Returned to compliance on 06/02/2017.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	91388
Site Name:	ALVARADO CUSTOM FURNITURE
Violation Date:	06-20-2017
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Returned to compliance on 07/20/2017.

ALVARADO CUSTOM FURNITURE (Continued) **S123535952**

Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 02-09-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-02-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: 14 x 5 gallons flammable liquid (acetone, mineral sprite, stain, finishes etc.) alvaradoaltacalidad@gmail.com Candice
Eval Division: Los Angeles City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-25-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Robert Alvarado, Owner via telephone Escorted by Daniel Recinos
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 03-14-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 04-07-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-20-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Facility inspection done along with CERS investigation. Met w/ Candice Alvarado regarding CERS.

ALVARADO CUSTOM FURNITURE (Continued) **S123535952**

Eval Division: Los Angeles City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-31-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Robert Alvarado, Owner
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Affiliation:
Affiliation Type Desc: Identification Signer
Entity Name: Robert Alvarado
Entity Title: Owner
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: ALVARADO, ROBERT
Entity Title: Not reported
Affiliation Address: 2907 HUMBOLDT ST
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 90031
Affiliation Phone: (323) 222-0038

Affiliation Type Desc: Environmental Contact
Entity Name: Robert Alvarado
Entity Title: Not reported
Affiliation Address: 2907 E HUMBOLDT ST
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90031
Affiliation Phone: Not reported

Affiliation Type Desc: Parent Corporation
Entity Name: ALVARADO CUSTOM FURNITURE
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Document Preparer
Entity Name: Candice Alvarado
Entity Title: Not reported

ALVARADO CUSTOM FURNITURE (Continued) **S123535952**

Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	CUPA District
Entity Name:	Los Angeles City Fire Department
Entity Title:	Not reported
Affiliation Address:	200 North Main Street, Room 1780
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90012
Affiliation Phone:	(213) 978-3680
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	2907 HUMBOLDT ST
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90031
Affiliation Phone:	Not reported
Affiliation Type Desc:	Operator
Entity Name:	Robert Alvarado
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(323) 222-0038

P124 **BEST MANUFACTURING INC** **HAZMAT** **S123543537**
SSW **2903 E HUMBOLDT ST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90031**
0.231 mi.
1219 ft. **Site 5 of 5 in cluster P**

Relative: LOS ANGELES HM:
Lower

Facility ID:	FA0006753
Last Run Date:	01/01/2019
Status:	ACTIVE

Actual:
361 ft.

125
WSW
1/8-1/4
0.243 mi.
1285 ft.

2636 LACY ST
LOS ANGELES, CA

Database(s): **UST**
EDR ID Number: **U004301616**
EPA ID Number: **N/A**

Relative:
Lower

Actual:
350 ft.

LOS ANGELES UST:
Facility ID: Not reported
Last Run Date: 01/01/1900
Status: HISTORICAL

Q126
WNW
1/8-1/4
0.247 mi.
1306 ft.

PHILLIP YEE HEATING & A/C
3229 N FIGUEROA ST
LOS ANGELES, CA 90065
Site 5 of 5 in cluster Q

Database(s): **HAZMAT**
EDR ID Number: **S123552025**
EPA ID Number: **N/A**

Relative:
Lower

Actual:
359 ft.

LOS ANGELES HM:
Facility ID: FA0037076
Last Run Date: 01/01/2019
Status: ACTIVE

S127
SW
1/4-1/2
0.291 mi.
1538 ft.

JAYBEE/ AJAX MFG CORP
301 WEST AVE. 26
LOS ANGELES, CA 90054
Site 1 of 2 in cluster S

Database(s): **ENVIROSTOR**
VCP
EMI
EDR ID Number: **S106833414**
EPA ID Number: **N/A**

Relative:
Lower

Actual:
356 ft.

ENVIROSTOR:

Name:	JAYBEE SITE AT LINCOLN HEIGHTS - LA DWP
Address:	301 WEST AVENUE 26
City,State,Zip:	LOS ANGELES, CA 90031
Facility ID:	19490238
Status:	Active
Status Date:	04/07/2004
Site Code:	301120
Site Type:	Voluntary Cleanup
Site Type Detailed:	Voluntary Cleanup
Acres:	3.4
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Lori Parnass
Supervisor:	Juli Propes
Division Branch:	Cleanup Chatsworth
Assembly:	51
Senate:	24
Special Program:	Voluntary Cleanup Program
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Responsible Party
Latitude:	34.08074
Longitude:	-118.2181
APN:	5205-009-900, 5205009900
Past Use:	MANUFACTURING - OTHER
Potential COC:	Lead Polynuclear aromatic hydrocarbons (PAHs Tetrachloroethylene (PCE TPH-diesel TPH-gas Trichloroethylene (TCE 1,2-Dichloroethane (EDC Naphthalene Toluene Xylenes

JAYBEE/ AJAX MFG CORP (Continued) **S106833414**

Confirmed COC: Naphthalene Toluene Polynuclear aromatic hydrocarbons (PAHs Tetrachloroethylene (PCE TPH-diesel TPH-gas Trichloroethylene (TCE 1,2-Dichloroethane (EDC Lead Xylenes
Potential Description: OTH, SOIL
Alias Name: DEPARTMENT OF WATER & POWER, CITY OF LA
Alias Type: Alternate Name
Alias Name: DWP - CITY OF LOS ANGELES
Alias Type: Alternate Name
Alias Name: JAYBEE SITE
Alias Type: Alternate Name
Alias Name: LINCOLN HEIGHTS SERVICE CENTER
Alias Type: Alternate Name
Alias Name: 5205-009-900
Alias Type: APN
Alias Name: 5205009900
Alias Type: APN
Alias Name: CAD983578667
Alias Type: CERCLIS ID
Alias Name: 110009268657
Alias Type: EPA (FRS #)
Alias Name: 110033606649
Alias Type: EPA (FRS #)
Alias Name: 301120
Alias Type: Project Code (Site Code)
Alias Name: 19490238
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 04/07/2004
Comments: The Voluntary Cleanup Agreement was signed by representatives from the Los Angeles Department of Water and Power and the Department of Toxic Substances Control. The purpose of the Agreement is for the Proponent to conduct a Preliminary Endangerment Assessment of the soil under the oversight of DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 09/14/1995
Comments: The Department received a Non-Emergency Hazardous Substance Release Report dated July 8, 1994. The report indicates that the property was contaminated at the time of purchase in March 1990. Leaking undergound storage tanks have been removed by the previous owner. Some of the contaminated soils have been removed from the site. Soils contaminated with lead are still exist at the site. Due to evidence of a release, DTSC recommended a PEA, and notified the RP thereof.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 05/12/2005
Comments: The PEA Workplan was approved

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

JAYBEE/ AJAX MFG CORP (Continued) **S106833414**

Completed Document Type:	Other Report
Completed Date:	12/29/2012
Comments:	Further work is needed, was preposed and approved January 3, 2013
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Remedial Investigation Workplan
Completed Date:	12/10/2012
Comments:	done
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Characterization Workplan
Completed Date:	11/13/2014
Comments:	done
Future Area Name:	PROJECT WIDE
Future Sub Area Name:	Not reported
Future Document Type:	Feasibility Study Report
Future Due Date:	2019
Future Area Name:	PROJECT WIDE
Future Sub Area Name:	Not reported
Future Document Type:	Design/Implementation Workplan
Future Due Date:	2019
Future Area Name:	PROJECT WIDE
Future Sub Area Name:	Not reported
Future Document Type:	Certification
Future Due Date:	2025
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

VCP:

Facility ID:	19490238
Site Type:	Voluntary Cleanup
Site Type Detail:	Voluntary Cleanup
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	3.4
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Lori Parnass
Supervisor:	Juli Propes
Division Branch:	Cleanup Chatsworth
Site Code:	301120
Assembly:	51
Senate:	24
Special Programs Code:	Voluntary Cleanup Program
Status:	Active
Status Date:	04/07/2004
Restricted Use:	NO
Funding:	Responsible Party
Lat/Long:	34.08074 / -118.2181
APN:	5205-009-900, 5205009900

JAYBEE/ AJAX MFG CORP (Continued) **S106833414**

Past Use:	MANUFACTURING - OTHER
Potential COC:	30013, 30019, 30022, 30024, 30025, 30027, 30193, 30484, 30550, 30593
Confirmed COC:	30484,30550,30019,30022,30024,30025,30027,30193,30013,30593
Potential Description:	OTH, SOIL
Alias Name:	DEPARTMENT OF WATER & POWER, CITY OF LA
Alias Type:	Alternate Name
Alias Name:	DWP - CITY OF LOS ANGELES
Alias Type:	Alternate Name
Alias Name:	JAYBEE SITE
Alias Type:	Alternate Name
Alias Name:	LINCOLN HEIGHTS SERVICE CENTER
Alias Type:	Alternate Name
Alias Name:	5205-009-900
Alias Type:	APN
Alias Name:	5205009900
Alias Type:	APN
Alias Name:	CAD983578667
Alias Type:	CERCLIS ID
Alias Name:	110009268657
Alias Type:	EPA (FRS #)
Alias Name:	110033606649
Alias Type:	EPA (FRS #)
Alias Name:	301120
Alias Type:	Project Code (Site Code)
Alias Name:	19490238
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Voluntary Cleanup Agreement
Completed Date:	04/07/2004
Comments:	The Voluntary Cleanup Agreement was signed by representatives from the Los Angeles Department of Water and Power and the Department of Toxic Substances Control. The purpose of the Agreement is for the Proponent to conduct a Preliminary Endangerment Assessment of the soil under the oversight of DTSC.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Screening
Completed Date:	09/14/1995
Comments:	The Department received a Non-Emergency Hazardous Substance Release Report dated July 8, 1994. The report indicates that the property was contaminated at the time of purchase in March 1990. Leaking undergound storage tanks have been removed by the previous owner. Some of the contaminated soils have been removed from the site. Soils contaminated with lead are still exist at the site. Due to evidence of a release, DTSC recommended a PEA, and notified the RP thereof.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Workplan
Completed Date:	05/12/2005
Comments:	The PEA Workplan was approved

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported

JAYBEE/ AJAX MFG CORP (Continued) **S106833414**

Completed Document Type:	Other Report
Completed Date:	12/29/2012
Comments:	Further work is needed, was preposed and approved January 3, 2013
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Remedial Investigation Workplan
Completed Date:	12/10/2012
Comments:	done
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Characterization Workplan
Completed Date:	11/13/2014
Comments:	done
Future Area Name:	PROJECT WIDE
Future Sub Area Name:	Not reported
Future Document Type:	Feasibility Study Report
Future Due Date:	2019
Future Area Name:	PROJECT WIDE
Future Sub Area Name:	Not reported
Future Document Type:	Design/Implementation Workplan
Future Due Date:	2019
Future Area Name:	PROJECT WIDE
Future Sub Area Name:	Not reported
Future Document Type:	Certification
Future Due Date:	2025
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

EMI:

Year:	1987
County Code:	19
Air Basin:	SC
Facility ID:	16454
Air District Name:	SC
SIC Code:	3444
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	14
Reactive Organic Gases Tons/Yr:	13
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	1
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

S128 **JAYBEE AJAX MANUFACTURING** **SEMS** **1003073271**
SW **301 WEST AVENUE 26** **CAD983578667**
1/4-1/2 **LOS ANGELES, CA 90031**
0.291 mi.
1538 ft. **Site 2 of 2 in cluster S**

Relative:
Lower

Actual:
356 ft.

SEMS:

Site ID:	0905651
EPA ID:	CAD983578667
Cong District:	Not reported
FIPS Code:	06037
Latitude:	Not reported
Longitude:	Not reported
FF:	N
NPL:	Not on the NPL
Non NPL Status:	Other Cleanup Activity: State-Lead Cleanup

SEMS Detail:

Region:	09
Site ID:	0905651
EPA ID:	CAD983578667
Site Name:	JAYBEE AJAX MANUFACTURING
NPL:	N
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	2002-10-01 04:00:00
Finish Date:	7/1/2007 4:00:00 AM
Qual:	AC
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0905651
EPA ID:	CAD983578667
Site Name:	JAYBEE AJAX MANUFACTURING
NPL:	N
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	2000-03-06 05:00:00
Finish Date:	3/6/2000 5:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0905651
EPA ID:	CAD983578667
Site Name:	JAYBEE AJAX MANUFACTURING
NPL:	N
FF:	N
OU:	00
Action Code:	VA
Action Name:	OTHR CLEANUP
SEQ:	1
Start Date:	2007-07-01 04:00:00
Finish Date:	Not reported

JAYBEE AJAX MANUFACTURING (Continued) **1003073271**

Qual: Not reported
Current Action Lead: St Perf

T129 **LACY'S STREET DUMP** **WMUDS/SWAT** **S103441446**
WSW **400 26TH AVENUE** **LDS** **N/A**
1/4-1/2 **LOS ANGELES, CA 90031** **CERS**
0.312 mi.
1648 ft. **Site 1 of 2 in cluster T**

Relative: **Lower**
Actual: **347 ft.**

WMUDS/SWAT:

Edit Date:	Not reported
Complexity:	Not reported
Primary Waste:	Not reported
Primary Waste Type:	Not reported
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Base Meridian:	Not reported
NPID:	Not reported
Tonnage:	0
Regional Board ID:	Not reported
Municipal Solid Waste:	False
Superorder:	False
Open To Public:	False
Waste List:	False
Agency Type:	Not reported
Agency Name:	Not reported
Agency Department:	Not reported
Agency Address:	Not reported
Agency City,St,Zip:	Not reported
Agency Contact:	Not reported
Agency Telephone:	Not reported
Land Owner Name:	Not reported
Land Owner Address:	Not reported
Land Owner City,St,Zip:	CA
Land Owner Contact:	Not reported
Land Owner Phone:	Not reported
Region:	4
Facility Type:	Not reported
Facility Description:	Not reported
Facility Telephone:	Not reported
SWAT Facility Name:	Not reported
Primary SIC:	Not reported
Secondary SIC:	Not reported
Comments:	Not reported
Last Facility Editors:	Not reported
Waste Discharge System:	False
Solid Waste Assessment Test Program:	True
Toxic Pits Cleanup Act Program:	False
Resource Conservation Recovery Act:	False
Department of Defence:	False
Solid Waste Assessment Test Program:	Not reported
Threat to Water Quality:	Not reported
Sub Chapter 15:	False
Regional Board Project Officer:	LT
Number of WMUDS at Facility:	1
Section Range:	Not reported
RCRA Facility:	Not reported

LACY'S STREET DUMP (Continued) **S103441446**

Waste Discharge Requirements: Not reported
Self-Monitoring Rept. Frequency: Not reported
Waste Discharge System ID: 4 190193NUR
Solid Waste Information ID: Not reported

LDS:

Global Id: T10000004864
Latitude: 34.08258
Longitude: -118.2199
Case Type: Land Disposal Site
Status: Completed - Case Closed
Status Date: 05/25/2016
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Caseworker: WY
Local Agency: Not reported
RB Case Number: 57-025
LOC Case Number: Not reported
File Location: Regional Board
Potential Media Affect: Not reported
EDR Link ID: T10000004864
Potential Contaminants of Concern: Not reported
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

CERS TANKS:
Site ID: 234215
CERS ID: T10000004864
Site Name: LACY'S STREET DUMP
CERS Description: Land Disposal Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: Wen Yang - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W. 4TH ST., SUITE 200
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 2136202253

T130 **LACY STREET / LA CITY AVE 26 & FIGUEROA** **SWF/LF** **S111075975**
WSW **400 WEST AVENUE 26** **N/A**
1/4-1/2 **LOS ANGELES, CA 90031**
0.323 mi.
1708 ft. **Site 2 of 2 in cluster T**

Relative: LOS ANGELES CO. LF:
Lower
Actual: Name: LACY STREET / LA CITY AVE 26 & FIGUEROA
346 ft. Address: 400 WEST AVENUE 26
City,State,Zip: LOS ANGELES, CA 90031
Site ID: 1975
Alt. Address: Not reported

LACY STREET / LA CITY AVE 26 & FIGUEROA (Continued) **S111075975**

Site Contact:	Not reported
Site Contact Phone:	Not reported
Site Email:	Not reported
Site Website:	Not reported
Site Type:	Unknown
Site SWIS Number:	19-AR-5052
Beginning Operation Date:	Not reported
Ending Operation Date:	Not reported
Local Enforcement Agency:	City of Los Angeles, Building and Safety
Maximun Depth Fill(Ft):	Not reported
Permitted Capacity:	Not reported
Present Use:	Commercial
Remaining Capacity(Million):	Not reported
Status:	Closed
Waste Accepted:	Not reported
Hours of Operation:	Not reported
Disposal Area (Acre):	Not reported

Detail As Of 01/2014:

Operator Name:	Unknown
Operator Address:	Not reported
Operator City/State/Zip:	Not reported
Operator Contact:	Not reported
Operator Telephone:	Not reported
Operator Email:	Not reported
Owner Name:	Unknown
Owner Address:	Not reported
Owner City/State/Zip:	Not reported
Owner Contact:	Not reported
Owner Telephone:	Not reported
Owner Email:	Not reported

U131 **MOBIL #18-BV7** **LUST S105692245**
West **2620 FIGUEROA ST.** **CERS N/A**
1/4-1/2 **LOS ANGELES, CA 90007**
0.332 mi.
1751 ft. **Site 1 of 5 in cluster U**

Relative:
Lower

Actual:
353 ft.

LUST:

Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603763171
Global Id:	T0603763171
Latitude:	34.0279429
Longitude:	-118.2760832
Status:	Completed - Case Closed
Status Date:	09/19/2006
Case Worker:	DPP
RB Case Number:	900070061
Local Agency:	LOS ANGELES, CITY OF
File Location:	Not reported
Local Case Number:	00-2474
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0603763171
Contact Type:	Regional Board Caseworker

MOBIL #18-BV7 (Continued) **S105692245**

Contact Name: DANIEL PIROTTON
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: Not reported
City: R4 UNKNOWN
Email: dpirotton@waterboards.ca.gov
Phone Number: 2135766714

Global Id: T0603763171
Contact Type: Local Agency Caseworker
Contact Name: ELOY LUNA
Organization Name: LOS ANGELES, CITY OF
Address: 200 North Main Street, Suite 1780
City: LOS ANGELES
Email: eloy.luna@lacity.org
Phone Number: Not reported

LUST:
Global Id: T0603763171
Action Type: RESPONSE
Date: 10/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0603763171
Action Type: RESPONSE
Date: 04/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0603763171
Action Type: RESPONSE
Date: 01/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0603763171
Action Type: Other
Date: 06/03/2000
Action: Leak Reported

Global Id: T0603763171
Action Type: RESPONSE
Date: 01/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0603763171
Action Type: ENFORCEMENT
Date: 01/08/2003
Action: Staff Letter

Global Id: T0603763171
Action Type: RESPONSE
Date: 02/28/2003
Action: Soil and Water Investigation Workplan

Global Id: T0603763171
Action Type: RESPONSE
Date: 07/15/2006
Action: Monitoring Report - Quarterly

MOBIL #18-BV7 (Continued) **S105692245**

Global Id: T0603763171
Action Type: RESPONSE
Date: 07/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0603763171
Action Type: ENFORCEMENT
Date: 09/19/2006
Action: Closure/No Further Action Letter

Global Id: T0603763171
Action Type: REMEDIATION
Date: 06/02/2000
Action: Other (Use Description Field)

Global Id: T0603763171
Action Type: ENFORCEMENT
Date: 01/26/2003
Action: Technical Correspondence / Assistance / Other

Global Id: T0603763171
Action Type: RESPONSE
Date: 06/13/2003
Action: Soil and Water Investigation Workplan

Global Id: T0603763171
Action Type: RESPONSE
Date: 06/13/2003
Action: Soil and Water Investigation Report

Global Id: T0603763171
Action Type: RESPONSE
Date: 04/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603763171
Action Type: ENFORCEMENT
Date: 06/07/2006
Action: Site Visit / Inspection / Sampling

Global Id: T0603763171
Action Type: ENFORCEMENT
Date: 08/25/2006
Action: Notification - Preclosure

Global Id: T0603763171
Action Type: RESPONSE
Date: 01/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603763171
Action Type: RESPONSE
Date: 10/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0603763171
Action Type: ENFORCEMENT

MOBIL #18-BV7 (Continued) **S105692245**

Date: 03/26/2003
Action: Staff Letter

Global Id: T0603763171
Action Type: Other
Date: 06/02/2000
Action: Leak Discovery

Global Id: T0603763171
Action Type: RESPONSE
Date: 10/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603763171
Action Type: RESPONSE
Date: 07/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603763171
Action Type: RESPONSE
Date: 04/15/2005
Action: Monitoring Report - Quarterly

LUST:
Global Id: T0603763171
Status: Completed - Case Closed
Status Date: 09/19/2006

Global Id: T0603763171
Status: Open - Case Begin Date
Status Date: 06/02/2000

Global Id: T0603763171
Status: Open - Site Assessment
Status Date: 06/03/2000

Global Id: T0603763171
Status: Open - Site Assessment
Status Date: 02/28/2003

Global Id: T0603763171
Status: Open - Site Assessment
Status Date: 06/12/2003

Global Id: T0603763171
Status: Open - Site Assessment
Status Date: 05/14/2004

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: 900070061
Status: Pollution Characterization
Substance: Gasoline

MOBIL #18-BV7 (Continued) **S105692245**

Substance Quantity:	Not reported		
Local Case No:	00-2474		
Case Type:	Soil		
Abatement Method Used at the Site:		Not reported	
Global ID:	T0603763171		
W Global ID:	Not reported		
Staff:	TCS		
Local Agency:	19050		
Cross Street:	Not reported		
Enforcement Type:	SEL		
Date Leak Discovered:	6/2/2000		
Date Leak First Reported:		6/3/2000	
Date Leak Record Entered:	Not reported		
Date Confirmation Began:	6/3/2000		
Date Leak Stopped:	Not reported		
Date Case Last Changed on Database:		Not reported	
Date the Case was Closed:		Not reported	
How Leak Discovered:	OM		
How Leak Stopped:	Not reported		
Cause of Leak:	UNK		
Leak Source:	UNK		
Operator:	Not reported		
Water System:	Not reported		
Well Name:	Not reported		
Approx. Dist To Production Well (ft):		6781.855551314429702431720 3634	
Source of Cleanup Funding:		UNK	
Preliminary Site Assessment Workplan Submitted:		2/28/2003	
Preliminary Site Assessment Began:		Not reported	
Pollution Characterization Began:		6/12/2003	
Remediation Plan Submitted:		Not reported	
Remedial Action Underway:		Not reported	
Post Remedial Action Monitoring Began:		6/3/2000	
Enforcement Action Date:		Not reported	
Historical Max MTBE Date:		2/20/2004	
Hist Max MTBE Conc in Groundwater:		1.7	
Hist Max MTBE Conc in Soil:		1900	
Significant Interim Remedial Action Taken:		Not reported	
GW Qualifier:	=		
Soil Qualifier:	=		
Organization:	Not reported		
Owner Contact:	Not reported		
Responsible Party:	NICK PUIG		
RP Address:	43218 BUSINESS PARK DR., #201		
Program:	LUST		
Lat/Long:	34.083957 / -1		
Local Agency Staff:	Not reported		
Beneficial Use:	Not reported		
Priority:	Not reported		
Cleanup Fund Id:	Not reported		
Suspended:	Not reported		
Assigned Name:	Not reported		
Summary:	LA CITY F.D. REFERRED CASE TO LARWQCB 2/26/02		

CERS TANKS:

Site ID:	194455
CERS ID:	T0603763171
Site Name:	MOBIL #18-BV7

MOBIL #18-BV7 (Continued) **S105692245**

CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: ELOY LUNA - LOS ANGELES, CITY OF
Entity Title: Not reported
Affiliation Address: 200 North Main Street, Suite 1780
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Regional Board Caseworker
Entity Name: DANIEL PIROTTON - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: R4 UNKNOWN
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 2135766714

V132 **BILL'S AUTOMOTIVE (FORMER S/S)** **LUST** **S111760330**
South **100 AVENUE 28 E** **N/A**
1/4-1/2 **MONTECITO HEIGHTS, CA 90031**
0.335 mi.
1770 ft. **Site 1 of 2 in cluster V**

Relative:
Higher

Actual:
375 ft.

LUST:
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603700789
Global Id: T0603700789
Latitude: 34.0791795
Longitude: -118.2149304
Status: Completed - Case Closed
Status Date: 07/28/1997
Case Worker: AS
RB Case Number: 900310089
Local Agency: LOS ANGELES, CITY OF
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0603700789
Contact Type: Regional Board Caseworker
Contact Name: ADNAN SIDDIQUI
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: LOS ANGELES
Email: asiddiqui@waterboards.ca.gov
Phone Number: Not reported

Global Id: T0603700789

BILL'S AUTOMOTIVE (FORMER S/S) (Continued) **S111760330**

Contact Type: Local Agency Caseworker
Contact Name: ELOY LUNA
Organization Name: LOS ANGELES, CITY OF
Address: 200 North Main Street, Suite 1780
City: LOS ANGELES
Email: eloy.luna@lacity.org
Phone Number: Not reported

LUST:
Global Id: T0603700789
Action Type: Other
Date: 11/10/1995
Action: Leak Reported

Global Id: T0603700789
Action Type: Other
Date: 07/31/1991
Action: Leak Discovery

Global Id: T0603700789
Action Type: Other
Date: 07/31/1991
Action: Leak Stopped

LUST:
Global Id: T0603700789
Status: Completed - Case Closed
Status Date: 07/28/1997

Global Id: T0603700789
Status: Open - Case Begin Date
Status Date: 07/05/1991

Global Id: T0603700789
Status: Open - Site Assessment
Status Date: 07/05/1991

Global Id: T0603700789
Status: Open - Site Assessment
Status Date: 12/09/1991

Global Id: T0603700789
Status: Open - Site Assessment
Status Date: 01/27/1992

Global Id: T0603700789
Status: Open - Site Assessment
Status Date: 06/19/1997

W133 **LACY STREET/ LA CITY AVE 26 & FIGUEROA** **SWF/LF** **S109821612**
SW **400 AVE. 26, (ENTRANCE)** **CERS** **N/A**
1/4-1/2 **LOS ANGELES (CITY), CA**
0.337 mi.
1781 ft. **Site 1 of 3 in cluster W**

Relative:
Lower

Actual:
348 ft.

SWF/LF (SWIS):

Facility ID:	19-AR-5052
Lat/Long:	34.08025 / -118.22778
Owner Name:	Not reported
Owner Telephone:	Not reported
Owner Address:	Not reported
Owner Address2:	Not reported
Owner City,St,Zip:	Not reported
Operational Status:	Not reported
Operator:	Not reported
Operator Phone:	Not reported
Operator Address:	Not reported
Operator Address2:	Not reported
Operator City,St,Zip:	Not reported
Permit Date:	Not reported
Permit Status:	Not reported
Permitted Acreage:	Not reported
Activity:	Not reported
Regulation Status:	Not reported
Landuse Name:	Industrial,Commercial
GIS Source:	Map
Category:	Not reported
Unit Number:	Not reported
Inspection Frequency:	Not reported
Accepted Waste:	Not reported
Closure Date:	Not reported
Closure Type:	Not reported
Disposal Acreage:	Not reported
SWIS Num:	19-AR-5052
Waste Discharge Requirement Num:	Not reported
Program Type:	Not reported
Permitted Throughput with Units:	Not reported
Actual Throughput with Units:	Not reported
Permitted Capacity with Units:	Not reported
Remaining Capacity:	Not reported
Remaining Capacity with Units:	Not reported
Lat/Long:	34.08025 / -118.22778

CERS TANKS:

Site ID:	509673
CERS ID:	19-AR-5052
Site Name:	LACY STREET/ LA CITY AVE 26 & FIGUEROA
CERS Description:	Solid Waste and Recycle Sites

W134 **PROPOSED AMCAL MULTI-HOUSING DEVELOPMENT** **ENVIROSTOR** **S106797596**
SW **306-360 W. AVE. 26** **N/A**
1/4-1/2 **LOS ANGELES, CA 90031**
0.348 mi.
1839 ft. **Site 2 of 3 in cluster W**

Relative:
Lower

Actual:
347 ft.

ENVIROSTOR:

Name:	PROPOSED AMCAL MULTI-HOUSING DEVELOPMENT
Address:	306-360 W. AVE. 26
City,State,Zip:	LOS ANGELES, CA 90031
Facility ID:	19950002
Status:	Refer: 1248 Local Agency
Status Date:	11/14/2003
Site Code:	Not reported
Site Type:	Evaluation
Site Type Detailed:	Evaluation
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Referred - Not Assigned
Division Branch:	Cleanup Cypress
Assembly:	45
Senate:	Not reported
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not Applicable
Latitude:	34.08065
Longitude:	-118.2197
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	19950002
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	Not reported
Completed Sub Area Name:	Not reported
Completed Document Type:	Not reported
Completed Date:	Not reported
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

V135 **BILL'S AUTOMOTIVE #1** **LUST** **S101617327**
South **100 E AVENUE 28** **SWEEPS UST** **N/A**
1/4-1/2 **LOS ANGELES, CA 90031** **CA FID UST**
0.350 mi.
1849 ft. **Site 2 of 2 in cluster V**

Relative:
Higher

Actual:
374 ft.

LUST REG 4:

Region:	4	
Regional Board:	04	
County:	Los Angeles	
Facility Id:	900310089	
Status:	Case Closed	
Substance:	Gasoline	
Substance Quantity:	Not reported	
Local Case No:	Not reported	
Case Type:	Groundwater	
Abatement Method Used at the Site:		Not reported
Global ID:	T0603700789	
W Global ID:	Not reported	
Staff:	AS	
Local Agency:	19050	
Cross Street:	PASADENA AVE & WORKMAN ST	
Enforcement Type:	Not reported	
Date Leak Discovered:	7/31/1991	
Date Leak First Reported:		11/10/1995
Date Leak Record Entered:	12/11/1995	
Date Confirmation Began:	7/5/1991	
Date Leak Stopped:	7/31/1991	
Date Case Last Changed on Database:		6/20/1998
Date the Case was Closed:		7/28/1997
How Leak Discovered:	Tank Closure	
How Leak Stopped:	Not reported	
Cause of Leak:	UNK	
Leak Source:	UNK	
Operator:	Not reported	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		9404.333437345498520314259041
Source of Cleanup Funding:		UNK
Preliminary Site Assessment Workplan Submitted:		12/9/1991
Preliminary Site Assessment Began:		1/27/1992
Pollution Characterization Began:		6/19/1997
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		Not reported
Post Remedial Action Monitoring Began:		Not reported
Enforcement Action Date:		Not reported
Historical Max MTBE Date:		1/1/1965
Hist Max MTBE Conc in Groundwater:		3.2
Hist Max MTBE Conc in Soil:		2.5
Significant Interim Remedial Action Taken:		Not reported
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	BILL'S AUTOMOTIVE	
RP Address:	1796 SPRING ST N, LOS ANGELES 90031	
Program:	LUST	
Lat/Long:	34.0791795 / -1	
Local Agency Staff:	PEJ	

BILL'S AUTOMOTIVE #1 (Continued) **S101617327**

Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: GRNDWTR TPH-G 130PPB; BETX 7.2/27/1.4/28PPB TWO DISTINCT PLUMES IN SOIL, GASO & OIL-HYDRAULIC OR WASTE OIL, NO DIESEL6/16/97 - SITE ASSESSMENT RPT 06/20/98 - WELL ABANDONMENT, UST CLOSURE

SWEEPS UST:
Status: Not reported
Comp Number: 2739
Number: Not reported
Board Of Equalization: 44-012481
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-002739-000001
Tank Status: Not reported
Capacity: 5000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: 4

Status: Not reported
Comp Number: 2739
Number: Not reported
Board Of Equalization: 44-012481
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-002739-000002
Tank Status: Not reported
Capacity: 5000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 2739
Number: Not reported
Board Of Equalization: 44-012481
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-002739-000003
Tank Status: Not reported
Capacity: 7000
Active Date: Not reported

BILL'S AUTOMOTIVE #1 (Continued) **S101617327**

Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 2739
Number: Not reported
Board Of Equalization: 44-012481
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-002739-000004
Tank Status: Not reported
Capacity: 200
Active Date: Not reported
Tank Use: OIL
STG: WASTE
Content: WASTE OIL
Number Of Tanks: Not reported

CA FID UST:
Facility ID: 19043314
Regulated By: UTNKI
Regulated ID: 00050621
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 2132222419
Mail To: Not reported
Mailing Address: 100 E AVENUE 28
Mailing Address 2: Not reported
Mailing City,St,Zip: LOS ANGELES 900310000
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Inactive

136
SSW
1/4-1/2
0.351 mi.
1855 ft.

BARON MANUFACTURING **ENVIROSTOR** **S101480762**
241 AVENUE 26 **N/A**
LOS ANGELES, CA 90031

Relative:
Lower

Actual:
359 ft.

ENVIROSTOR:
Name: BARON MANUFACTURING
Address: 241 AVENUE 26
City,State,Zip: LOS ANGELES, CA 90031
Facility ID: 19330366
Status: Refer: Other Agency
Status Date: 08/15/1995
Site Code: Not reported
Site Type: Historical
Site Type Detailed: * Historical

BARON MANUFACTURING (Continued) **S101480762**

Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	* Mmonroy
Division Branch:	Cleanup Chatsworth
Assembly:	Not reported
Senate:	Not reported
Special Program:	* RCRA 3012 - Past Haz Waste Disp Inven Site
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	34.07972
Longitude:	-118.2179
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	* UNSPECIFIED SOLVENT MIXTURES
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	CAD980636195
Alias Type:	EPA Identification Number
Alias Name:	19330366
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Screening
Completed Date:	10/25/1994
Comments:	Database verification project confirms NFA for DTSC.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Assessment Report
Completed Date:	01/01/1984
Comments:	SOURCE ACT: T/C W/MCNALLY - STEEL/SHEET METAL FABRICATION. SUBSIDIARY OF PUREX. NOW USED AS WOOD- WORK & METAL FABRICATING OPER-NEW OPER. SUBMIT TO EPA PRELIM ASSESS DONE RCRA 3012

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	* Discovery
Completed Date:	09/26/1983
Comments:	FACILITY IDENTIFIED ID FROM ERRIS

Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

W137
SW
1/4-1/2
0.357 mi.
1884 ft.

THE E.B. MALONE CORPORATION
306-360 AVENUE 26
LOS ANGELES, CA

Site 3 of 3 in cluster W

CPS-SLIC
CERS

S106487294
N/A

Relative:
Lower

Actual:
346 ft.

CPS-SLIC:

Site Name:	THE E.B. MALONE CORPORATION
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	04/14/2006
Global Id:	SL0603703528
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.080736
Longitude:	-118.220039
Case Type:	Cleanup Program Site
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	1133
File Location:	Not reported
Potential Media Affected:	Not reported
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

CERS TANKS:

Site ID:	214484
CERS ID:	SL0603703528
Site Name:	THE E.B. MALONE CORPORATION
CERS Description:	Cleanup Program Site

U138
West
1/4-1/2
0.375 mi.
1979 ft.

AVENUE 26 & FIGUEROA-LOS ANGEL
AVENUE 26 & FIGEROA BLVD
LOS ANGELES, CA

Site 2 of 5 in cluster U

WMUDS/SWAT

S103441406
N/A

Relative:
Lower

Actual:
351 ft.

WMUDS/SWAT:

Edit Date:	Not reported
Complexity:	Not reported
Primary Waste:	Not reported
Primary Waste Type:	Not reported
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Base Meridian:	Not reported
NPID:	Not reported
Tonnage:	0
Regional Board ID:	Not reported
Municipal Solid Waste:	False
Superorder:	False
Open To Public:	False
Waste List:	False
Agency Type:	Not reported
Agency Name:	Not reported
Agency Department:	Not reported
Agency Address:	Not reported
Agency City,St,Zip:	Not reported

AVENUE 26 & FIGUEROA-LOS ANGEL (Continued) **S103441406**

Agency Contact:	Not reported
Agency Telephone:	Not reported
Land Owner Name:	Not reported
Land Owner Address:	Not reported
Land Owner City,St,Zip:	CA
Land Owner Contact:	Not reported
Land Owner Phone:	Not reported
Region:	4
Facility Type:	Not reported
Facility Description:	Not reported
Facility Telephone:	Not reported
SWAT Facility Name:	Not reported
Primary SIC:	Not reported
Secondary SIC:	Not reported
Comments:	Not reported
Last Facility Editors:	Not reported
Waste Discharge System:	False
Solid Waste Assessment Test Program:	True
Toxic Pits Cleanup Act Program:	False
Resource Conservation Recovery Act:	False
Department of Defence:	False
Solid Waste Assessment Test Program:	Not reported
Threat to Water Quality:	Not reported
Sub Chapter 15:	False
Regional Board Project Officer:	LT
Number of WMUDS at Facility:	1
Section Range:	Not reported
RCRA Facility:	Not reported
Waste Discharge Requirements:	Not reported
Self-Monitoring Rept. Frequency:	Not reported
Waste Discharge System ID:	4 190144NUR
Solid Waste Information ID:	Not reported

U139 **CHEVRON #9-3707** **LUST** **S101582607**
West **2601 FIGUEROA** **HIST CORTESE** **N/A**
1/4-1/2 **LOS ANGELES, CA 90073**
0.380 mi.
2008 ft. **Site 3 of 5 in cluster U**

Relative: LUST REG 4:
Lower

Actual: Region:	4	
352 ft. Regional Board:	04	
County:	Los Angeles	
Facility Id:	900650234	
Status:	Preliminary site assessment underway	
Substance:	Gasoline	
Substance Quantity:	Not reported	
Local Case No:	Not reported	
Case Type:	Soil	
Abatement Method Used at the Site:		Not reported
Global ID:	T0603701195	
W Global ID:	Not reported	
Staff:	UNK	
Local Agency:	19050	
Cross Street:	AVENUE 26	
Enforcement Type:	Not reported	
Date Leak Discovered:	9/28/1992	
Date Leak First Reported:		9/28/1992

CHEVRON #9-3707 (Continued) **S101582607**

Date Leak Record Entered: 12/22/1992
Date Confirmation Began: Not reported
Date Leak Stopped: 9/28/1992
Date Case Last Changed on Database: 12/7/1992
Date the Case was Closed: Not reported
How Leak Discovered: Tank Closure
How Leak Stopped: Not reported
Cause of Leak: Overfill
Leak Source: UNK
Operator: Not reported
Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): 6704.17594052977007015404990 77
Source of Cleanup Funding: UNK
Preliminary Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: 9/28/1992
Pollution Characterization Began: Not reported
Remediation Plan Submitted: Not reported
Remedial Action Underway: Not reported
Post Remedial Action Monitoring Began: Not reported
Enforcement Action Date: Not reported
Historical Max MTBE Date: Not reported
Hist Max MTBE Conc in Groundwater: Not reported
Hist Max MTBE Conc in Soil: Not reported
Significant Interim Remedial Action Taken: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Organization: Not reported
Owner Contact: Not reported
Responsible Party: CHEVRON USA
RP Address: P.O. BOX 2833, LA HABRA, 90632
Program: LUST
Lat/Long: 34.0839054 / -1
Local Agency Staff: PEJ
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: Not reported

HIST CORTESE:
edr_fname: CHEVRON #9-3707
edr_fadd1: 2601 FIGUEROA
City,State,Zip: LOS ANGELES, CA 90073
Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: 900650234

U140 **SHELL** **ENF** **S105024608**
West **2600 FIGUEROA** **HIST CORTESE** **N/A**
1/4-1/2 **LOS ANGELES, CA 90065**
0.381 mi.
2011 ft. **Site 4 of 5 in cluster U**

Relative: **Lower**
Actual: **351 ft.**

ENF:

Region:	4
Facility Id:	256681
Agency Name:	Equilon Enterprises LLC dba Shell Oil Products US
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	All other facilities
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	34.083994
Place Longitude:	-118.222266
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	UST
Program Category1:	TANKS
Program Category2:	TANKS
# Of Programs:	1
WDID:	900650198
Reg Measure Id:	167738
Reg Measure Type:	Unregulated
Region:	4
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Never Active
Status Date:	02/20/2013
Effective Date:	Not reported
Expiration/Review Date:	Not reported

SHELL (Continued) **S105024608**

Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	230309
Region:	4
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	07/25/2000
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	07/25/2000
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 900650198
Description:	Level 1 enforcement letter sent 7/25/00 for FTS groundwater investigation workplan & fee title holder information.
Program:	UST
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

HIST CORTESE:

edr_fname:	SHELL
edr_fadd1:	2600 FIGUEROA
City,State,Zip:	LOS ANGELES, CA 90065
Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	900650198

U141 **SHELL** **LUST S110060286**
West **2600-2606 FIGUEROA ST N** **CERS N/A**
1/4-1/2 **LOS ANGELES, CA 90065**
0.381 mi.
2011 ft. **Site 5 of 5 in cluster U**

Relative: LUST:
Lower

Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603701192
Global Id:	T0603701192
Latitude:	34.0838104

Actual:
351 ft.

SHELL (Continued) **S110060286**

Longitude: -118.2223066
Status: Completed - Case Closed
Status Date: 10/22/2004
Case Worker: AT
RB Case Number: 900650198
Local Agency: LOS ANGELES, CITY OF
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating
Site History: Not reported

LUST:
Global Id: T0603701192
Contact Type: Regional Board Caseworker
Contact Name: ARMAN TOUMARI
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 WEST 4TH STREET, SUITE 200
City: LOS ANGELES
Email: atoumari@waterboards.ca.gov
Phone Number: 2135766708

Global Id: T0603701192
Contact Type: Local Agency Caseworker
Contact Name: ELOY LUNA
Organization Name: LOS ANGELES, CITY OF
Address: 200 North Main Street, Suite 1780
City: LOS ANGELES
Email: eloy.luna@lacity.org
Phone Number: Not reported

LUST:
Global Id: T0603701192
Action Type: Other
Date: 12/12/1984
Action: Leak Reported

Global Id: T0603701192
Action Type: ENFORCEMENT
Date: 01/24/2003
Action: Staff Letter

Global Id: T0603701192
Action Type: ENFORCEMENT
Date: 09/28/2004
Action: Notification - Preclosure

Global Id: T0603701192
Action Type: ENFORCEMENT
Date: 10/22/2004
Action: Closure/No Further Action Letter

Global Id: T0603701192
Action Type: ENFORCEMENT
Date: 03/21/2003
Action: Staff Letter

SHELL (Continued) **S110060286**

Global Id: T0603701192
Action Type: REMEDIATION
Date: 02/01/2001
Action: Excavation

Global Id: T0603701192
Action Type: REMEDIATION
Date: 10/01/2002
Action: Excavation

Global Id: T0603701192
Action Type: Other
Date: 12/11/1984
Action: Leak Discovery

Global Id: T0603701192
Action Type: RESPONSE
Date: 01/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0603701192
Action Type: RESPONSE
Date: 07/15/2002
Action: Monitoring Report - Quarterly

Global Id: T0603701192
Action Type: RESPONSE
Date: 10/15/2002
Action: Monitoring Report - Quarterly

Global Id: T0603701192
Action Type: RESPONSE
Date: 02/24/2003
Action: Other Report / Document

Global Id: T0603701192
Action Type: RESPONSE
Date: 07/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603701192
Action Type: RESPONSE
Date: 07/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0603701192
Action Type: RESPONSE
Date: 05/15/2003
Action: Soil and Water Investigation Report

Global Id: T0603701192
Action Type: RESPONSE
Date: 10/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0603701192
Action Type: RESPONSE

SHELL (Continued) **S110060286**

Date: 01/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603701192
Action Type: RESPONSE
Date: 04/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603701192
Action Type: RESPONSE
Date: 11/22/2004
Action: Unknown

Global Id: T0603701192
Action Type: ENFORCEMENT
Date: 09/23/2004
Action: Site Visit / Inspection / Sampling

LUST:
Global Id: T0603701192
Status: Completed - Case Closed
Status Date: 10/22/2004

Global Id: T0603701192
Status: Open - Case Begin Date
Status Date: 12/11/1984

Global Id: T0603701192
Status: Open - Site Assessment
Status Date: 07/25/2000

Global Id: T0603701192
Status: Open - Site Assessment
Status Date: 06/24/2002

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: 900650198
Status: Pollution Characterization
Substance: Waste Oil
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Groundwater
Abatement Method Used at the Site: Remove Free Product
Global ID: T0603701192
W Global ID: Not reported
Staff: RVJ
Local Agency: 19050
Cross Street: CYPRESS AVE
Enforcement Type: SEL
Date Leak Discovered: 12/11/1984
Date Leak First Reported: 12/12/1984
Date Leak Record Entered: Not reported

SHELL (Continued) **S110060286**

Date Confirmation Began:	Not reported	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		10/11/2002
Date the Case was Closed:		Not reported
How Leak Discovered:	Tank Closure	
How Leak Stopped:	Not reported	
Cause of Leak:	Corrosion	
Leak Source:	Tank	
Operator:	Not reported	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		6774.60837673281332802528545 57
Source of Cleanup Funding:		Tank
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		Not reported
Pollution Characterization Began:		7/25/2000
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		7/14/2000
Post Remedial Action Monitoring Began:		Not reported
Enforcement Action Date:		7/25/2000
Historical Max MTBE Date:		12/7/2001
Hist Max MTBE Conc in Groundwater:		12000
Hist Max MTBE Conc in Soil:		95
Significant Interim Remedial Action Taken:		Yes
GW Qualifier:	=	
Soil Qualifier:	=	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	RAY ALYESHERMERI	
RP Address:	2255 N. ONTARIO ST.	
Program:	LUST	
Lat/Long:	34.0838104 / -1	
Local Agency Staff:	PEJ	
Beneficial Use:	Not reported	
Priority:	LOP/HIGH - ADMINISTRATIVE (CLOSURE/SB2004/ENFORCEMENT)	
Cleanup Fund Id:	Not reported	
Suspended:	Not reported	
Assigned Name:	Not reported	
Summary:	3/21/97 - ADDITIONAL INFORMATION LETTER SENT; 5/13/97 - 1ST LEVEL ENFORCEMENT LETTER SENT; 8/8/97 - 2ND LEVEL ENFORCEMENT LETTER SENT; 8/24/97-INFO LTR NO SPECIFIC,1 PG.OF DATA W/NO TANK REM DATA; 8/16/00 ASSESSMENT WP	

CERS TANKS:

Site ID:	244805
CERS ID:	T0603701192
Site Name:	SHELL
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	ELOY LUNA - LOS ANGELES, CITY OF
Entity Title:	Not reported
Affiliation Address:	200 North Main Street, Suite 1780
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	Not reported

SHELL (Continued) **S110060286**

Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	ARMAN TOUMARI - LOS ANGELES RWQCB (REGION 4)
Entity Title:	Not reported
Affiliation Address:	320 WEST 4TH STREET, SUITE 200
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	2135766708

X142 **76 STATION #0857** **LUST** **S106448414**
West **2250 FIGUEROA ST. N.** **CERS** **N/A**
1/4-1/2 **LOS ANGELES, CA 90065**
0.389 mi.
2054 ft. **Site 1 of 3 in cluster X**

Relative: **Lower**
Actual: **348 ft.**

LUST REG 4:

Region:	4		
Regional Board:	04		
County:	Los Angeles		
Facility Id:	900650225A		
Status:	Pollution Characterization		
Substance:	Gasoline		
Substance Quantity:	Not reported		
Local Case No:	29479		
Case Type:	Soil		
Abatement Method Used at the Site:		Not reported	
Global ID:	T0603797126		
W Global ID:	Not reported		
Staff:	AT		
Local Agency:	19050		
Cross Street:	AVENUE TWENTY-SIX		
Enforcement Type:	DLSEL		
Date Leak Discovered:	6/29/2000		
Date Leak First Reported:		10/31/2001	
Date Leak Record Entered:	Not reported		
Date Confirmation Began:	10/31/2001		
Date Leak Stopped:	Not reported		
Date Case Last Changed on Database:		Not reported	
Date the Case was Closed:		Not reported	
How Leak Discovered:	OM		
How Leak Stopped:	Other Means		
Cause of Leak:	Not reported		
Leak Source:	UNK		
Operator:	Not reported		
Water System:	Not reported		
Well Name:	Not reported		
Approx. Dist To Production Well (ft):		Not reported	
Source of Cleanup Funding:		UNK	
Preliminary Site Assessment Workplan Submitted:		Not reported	
Preliminary Site Assessment Began:		10/31/2001	
Pollution Characterization Began:		7/27/2004	
Remediation Plan Submitted:		Not reported	
Remedial Action Underway:		Not reported	

76 STATION #0857 (Continued) **S106448414**

Post Remedial Action Monitoring Began:	Not reported
Enforcement Action Date:	Not reported
Historical Max MTBE Date:	Not reported
Hist Max MTBE Conc in Groundwater:	Not reported
Hist Max MTBE Conc in Soil:	Not reported
Significant Interim Remedial Action Taken:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Organization:	Not reported
Owner Contact:	Not reported
Responsible Party:	ROBERT PONCE
RP Address:	3525 HYLAND AVE.
Program:	LUST
Lat/Long:	0 / 0
Local Agency Staff:	Not reported
Beneficial Use:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Suspended:	Not reported
Assigned Name:	Not reported
Summary:	Not reported

CERS TANKS:

Site ID:	189985
CERS ID:	T0603797126
Site Name:	76 STATION #0857
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	ARMAN TOUMARI - LOS ANGELES RWQCB (REGION 4)
Entity Title:	Not reported
Affiliation Address:	320 WEST 4TH STREET, SUITE 200
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	2135766708

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	TBD - LOS ANGELES, CITY OF
Entity Title:	Not reported
Affiliation Address:	200 N. MAIN ST. RM. 970
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	2134826528

X143 **TOSCO S.S. #0857** **LUST** **S103282022**
West **2250 FIGUEROA ST N** **HIST CORTESE** **N/A**
1/4-1/2 **LOS ANGELES, CA 90065** **CERS**
0.389 mi.
2054 ft. **Site 2 of 3 in cluster X**

Relative:
Lower

Actual:
348 ft.

LUST:

Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603797126
Global Id:	T0603797126
Latitude:	34.083481
Longitude:	-118.222504
Status:	Completed - Case Closed
Status Date:	07/07/2005
Case Worker:	AT
RB Case Number:	900650225A
Local Agency:	LOS ANGELES, CITY OF
File Location:	Regional Board
Local Case Number:	29479
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0603797126
Contact Type:	Regional Board Caseworker
Contact Name:	ARMAN TOUMARI
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 WEST 4TH STREET, SUITE 200
City:	LOS ANGELES
Email:	atoumari@waterboards.ca.gov
Phone Number:	2135766708

Global Id:	T0603797126
Contact Type:	Local Agency Caseworker
Contact Name:	TBD
Organization Name:	LOS ANGELES, CITY OF
Address:	200 N. MAIN ST. RM. 970
City:	LOS ANGELES
Email:	Not reported
Phone Number:	2134826528

LUST:

Global Id:	T0603797126
Action Type:	ENFORCEMENT
Date:	07/07/2005
Action:	Closure/No Further Action Letter

Global Id:	T0603797126
Action Type:	Other
Date:	10/31/2001
Action:	Leak Reported

Global Id:	T0603797126
Action Type:	ENFORCEMENT
Date:	05/20/2005
Action:	Site Visit / Inspection / Sampling

TOSCO S.S. #0857 (Continued) **S103282022**

Global Id: T0603797126
Action Type: REMEDIATION
Date: 06/29/2000
Action: Other (Use Description Field)

Global Id: T0603797126
Action Type: RESPONSE
Date: 07/27/2004
Action: Soil and Water Investigation Workplan

Global Id: T0603797126
Action Type: RESPONSE
Date: 07/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603797126
Action Type: RESPONSE
Date: 04/30/2004
Action: Monitoring Report - Quarterly

Global Id: T0603797126
Action Type: Other
Date: 06/29/2000
Action: Leak Discovery

Global Id: T0603797126
Action Type: RESPONSE
Date: 05/14/2004
Action: Other Report / Document

Global Id: T0603797126
Action Type: RESPONSE
Date: 01/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0603797126
Action Type: RESPONSE
Date: 10/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603797126
Action Type: RESPONSE
Date: 12/09/2004
Action: Well Installation Report

Global Id: T0603797126
Action Type: RESPONSE
Date: 04/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0603797126
Action Type: ENFORCEMENT
Date: 04/14/2004
Action: Staff Letter

LUST:
Global Id: T0603797126

TOSCO S.S. #0857 (Continued) **S103282022**

Status: Completed - Case Closed
Status Date: 07/07/2005

Global Id: T0603797126
Status: Open - Case Begin Date
Status Date: 06/29/2000

Global Id: T0603797126
Status: Open - Site Assessment
Status Date: 10/31/2001

Global Id: T0603797126
Status: Open - Site Assessment
Status Date: 09/25/2003

Global Id: T0603797126
Status: Open - Site Assessment
Status Date: 07/27/2004

Lead Agency: LOS ANGELES, CITY OF
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603701194
Global Id: T0603701194
Latitude: 34.083481
Longitude: -118.222504
Status: Completed - Case Closed
Status Date: 07/07/2005
Case Worker: WR
RB Case Number: 900650225
Local Agency: LOS ANGELES, CITY OF
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Benzene
Site History: Not reported

LUST:
Global Id: T0603701194
Contact Type: Local Agency Caseworker
Contact Name: TBD
Organization Name: LOS ANGELES, CITY OF
Address: 200 N. MAIN ST. RM. 970
City: LOS ANGELES
Email: Not reported
Phone Number: 2134826528

Global Id: T0603701194
Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone Number: Not reported

LUST:

TOSCO S.S. #0857 (Continued) **S103282022**

Global Id: T0603701194
Action Type: Other
Date: 09/11/1997
Action: Leak Reported

Global Id: T0603701194
Action Type: Other
Date: 09/11/1997
Action: Leak Discovery

LUST:
Global Id: T0603701194
Status: Completed - Case Closed
Status Date: 11/23/1992

Global Id: T0603701194
Status: Completed - Case Closed
Status Date: 07/07/2005

Global Id: T0603701194
Status: Open - Case Begin Date
Status Date: 11/23/1992

Global Id: T0603701194
Status: Open - Reopen Case
Status Date: 07/24/2002

Global Id: T0603701194
Status: Open - Site Assessment
Status Date: 11/14/2003

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: 900650225
Status: Case Closed
Substance: Benzene
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Soil
Abatement Method Used at the Site: Not reported
Global ID: T0603701194
W Global ID: Not reported
Staff: UNK
Local Agency: 19050
Cross Street: AVENUE 26
Enforcement Type: Not reported
Date Leak Discovered: 9/11/1997
Date Leak First Reported: 9/11/1997
Date Leak Record Entered: 3/5/1998
Date Confirmation Began: Not reported
Date Leak Stopped: Not reported
Date Case Last Changed on Database: 1/30/1998
Date the Case was Closed: 11/23/1992

TOSCO S.S. #0857 (Continued) **S103282022**

How Leak Discovered: Subsurface Monitoring
How Leak Stopped: Not reported
Cause of Leak: Not reported
Leak Source: Not reported
Operator: Not reported
Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): 7090.459587071020717067700284
Source of Cleanup Funding: Not reported
Preliminary Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Remediation Plan Submitted: Not reported
Remedial Action Underway: Not reported
Post Remedial Action Monitoring Began: Not reported
Enforcement Action Date: Not reported
Historical Max MTBE Date: 12/9/2003
Hist Max MTBE Conc in Groundwater: 300
Hist Max MTBE Conc in Soil: Not reported
Significant Interim Remedial Action Taken: Not reported
GW Qualifier: =
Soil Qualifier: Not reported
Organization: Not reported
Owner Contact: Not reported
Responsible Party: TOSCO MARKETING CO
RP Address: P.O. BOX 25376, SANTA ANA, CA 92799
Program: LUST
Lat/Long: 34.0819505 / -1
Local Agency Staff: PEJ
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: Not reported

HIST CORTESE:
edr_fname: TOSCO S.S. #0857
edr_fadd1: 2250 FIGUEROA
City,State,Zip: LOS ANGELES, CA 90065
Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: 900650225

CERS TANKS:
Site ID: 214636
CERS ID: T0603701194
Site Name: TOSCO S.S. #0857
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: YUE RONG - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W. 4TH ST., SUITE 200
Affiliation City: Los Angeles

TOSCO S.S. #0857 (Continued) **S103282022**

Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	TBD - LOS ANGELES, CITY OF
Entity Title:	Not reported
Affiliation Address:	200 N. MAIN ST. RM. 970
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	2134826528

X144 **ARCO FACILITY NO. 9663** **LUST S105692112**
West **2251 FIGUEROA ST. N** **CERS N/A**
1/4-1/2 **LOS ANGELES, CA 90065**
0.427 mi.
2252 ft. **Site 3 of 3 in cluster X**

Relative: **Lower**

Actual: **347 ft.**

LUST:

Lead Agency:	LOS ANGELES, CITY OF
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603732727
Global Id:	T0603732727
Latitude:	34.08395
Longitude:	-118.223203
Status:	Completed - Case Closed
Status Date:	09/23/2003
Case Worker:	WR
RB Case Number:	Not reported
Local Agency:	LOS ANGELES, CITY OF
File Location:	Not reported
Local Case Number:	26310
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0603732727
Contact Type:	Local Agency Caseworker
Contact Name:	TBD
Organization Name:	LOS ANGELES, CITY OF
Address:	200 N. MAIN ST. RM. 970
City:	LOS ANGELES
Email:	Not reported
Phone Number:	2134826528
Global Id:	T0603732727
Contact Type:	Regional Board Caseworker
Contact Name:	YI LU
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	Not reported
City:	R4 UNKNOWN
Email:	ylu@waterboards.ca.gov
Phone Number:	Not reported

ARCO FACILITY NO. 9663 (Continued) **S105692112**

LUST:
Global Id: T0603732727
Action Type: Other
Date: 10/03/2002
Action: Leak Reported

Global Id: T0603732727
Action Type: REMEDIATION
Date: 06/14/2000
Action: Not reported

Global Id: T0603732727
Action Type: Other
Date: 06/14/2000
Action: Leak Discovery

Global Id: T0603732727
Action Type: Other
Date: 06/14/2000
Action: Leak Stopped

LUST:
Global Id: T0603732727
Status: Completed - Case Closed
Status Date: 09/23/2003

Global Id: T0603732727
Status: Open - Case Begin Date
Status Date: 06/14/2000

Global Id: T0603732727
Status: Open - Site Assessment
Status Date: 09/16/2003

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: Not reported
Status: Not reported
Substance: Gasoline
Substance Quantity: Not reported
Local Case No: 26310
Case Type: Soil
Abatement Method Used at the Site: Not reported
Global ID: T0603732727
W Global ID: Not reported
Staff: UNK
Local Agency: 19050
Cross Street: EASTERN
Enforcement Type: Not reported
Date Leak Discovered: 6/14/2000
Date Leak First Reported: 10/3/2002
Date Leak Record Entered: Not reported
Date Confirmation Began: Not reported

ARCO FACILITY NO. 9663 (Continued) **S105692112**

Date Leak Stopped: 6/14/2000
Date Case Last Changed on Database: Not reported
Date the Case was Closed: Not reported
How Leak Discovered: OM
How Leak Stopped: Not reported
Cause of Leak: UNK
Leak Source: UNK
Operator: Not reported
Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): Not reported
Source of Cleanup Funding: UNK
Preliminary Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Remediation Plan Submitted: Not reported
Remedial Action Underway: Not reported
Post Remedial Action Monitoring Began: Not reported
Enforcement Action Date: Not reported
Historical Max MTBE Date: Not reported
Hist Max MTBE Conc in Groundwater: Not reported
Hist Max MTBE Conc in Soil: .0011
Significant Interim Remedial Action Taken: Not reported
GW Qualifier: Not reported
Soil Qualifier: ND
Organization: Not reported
Owner Contact: Not reported
Responsible Party: SLAYMAN
RP Address: FOUR CENTERPOINTE DRIVE, LPR4-460
Program: LUST
Lat/Long: 0 / 0
Local Agency Staff: Not reported
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: Not reported

CERS TANKS:
Site ID: 243711
CERS ID: T0603732727
Site Name: ARCO FACILITY NO. 9663
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: TBD - LOS ANGELES, CITY OF
Entity Title: Not reported
Affiliation Address: 200 N. MAIN ST. RM. 970
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 2134826528

Affiliation Type Desc: Regional Board Caseworker

ARCO FACILITY NO. 9663 (Continued) **S105692112**

Entity Name:	YI LU - LOS ANGELES RWQCB (REGION 4)
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	R4 UNKNOWN
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

---

145 South 1/4-1/2 0.442 mi. 2333 ft. **BARON MFG** **SEMS-ARCHIVE** **1003878455**
241 AVE 26 **CAD980636195**
LOS ANGELES, CA 90031

Relative: Lower

Actual: 367 ft.

SEMS Archive:

Site ID:	0901788
EPA ID:	CAD980636195
Cong District:	25
FIPS Code:	06037
FF:	N
NPL:	Not on the NPL
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:

Region:	09
Site ID:	0901788
EPA ID:	CAD980636195
Site Name:	BARON MFG
NPL:	N
FF:	N
OU:	00
Action Code:	VS
Action Name:	ARCH SITE
SEQ:	1
Start Date:	Not reported
Finish Date:	1984-09-01 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf In-Hse

Region:	09
Site ID:	0901788
EPA ID:	CAD980636195
Site Name:	BARON MFG
NPL:	N
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1981-06-01 04:00:00
Finish Date:	1981-06-01 04:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0901788

BARON MFG (Continued) **1003878455**

EPA ID:	CAD980636195
Site Name:	BARON MFG
NPL:	N
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	1984-05-01 05:00:00
Finish Date:	1984-09-01 05:00:00
Qual:	N
Current Action Lead:	St Perf

---

146 **28TH AND DELL AVENUES** **Notify 65** **S100178526**
WNW **VENICE** **N/A**
1/2-1 **LOS ANGELES, CA**
0.508 mi.
2684 ft.

Relative: **Lower**
Actual: **347 ft.**

NOTIFY 65:

Date Reported:	Not reported
Staff Initials:	Not reported
Board File Number:	Not reported
Facility Type:	Not reported
Discharge Date:	Not reported
Issue Date:	Not reported
Incident Description:	Not reported

---

147 **VICTOR S INDUSTRIAL BATTERIES** **ENVIROSTOR** **S105689620**
SSW **138 N SAN FERNANDO RD** **VCP** **N/A**
1/2-1 **LOS ANGELES, CA 90031** **DEED**
0.713 mi. **HAZMAT**
3766 ft. **LA Co. Site Mitigation**

Relative: **Lower**
Actual: **343 ft.**

ENVIROSTOR:

Name:	VICTOR INDUSTRIAL BATTERY
Address:	138 N SAN FERNANDO RD
City,State,Zip:	LOS ANGELES, CA 90031
Facility ID:	19360528
Status:	Certified O&M - Land Use Restrictions Only
Status Date:	03/29/1995
Site Code:	300547
Site Type:	Voluntary Cleanup
Site Type Detailed:	Voluntary Cleanup
Acres:	0.1
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Maria Fabella
Supervisor:	Philip Chandler
Division Branch:	Cleanup Chatsworth
Assembly:	51
Senate:	24
Special Program:	Voluntary Cleanup Program
Restricted Use:	YES

VICTOR S INDUSTRIAL BATTERIES (Continued) **S105689620**

Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 34.07543
Longitude: -118.2214
APN: 5447-014-024, 5447014024
Past Use: BATTERY RECLAMATION
Potential COC: * LIQUIDS WITH PH <= 2 * CONTAMINATED SOIL * ACID SOLUTION 2>PH WITH METALS * ACID SOLUTION WITHOUT METALS * ALKALINE SOLUTION WITHOUT METALS * UNSPECIFIED ACID SOLUTION * UNSPECIFIED ALKALINE SOLUTIONS * ALKALINE SOLUTION 2<PH<12.5, WITH METALS * OFF-SPECIFICATION, AGED, OR SURPLUS INORGANICS * OTHER INORGANIC SOLID WASTE * OTHER SPENT CATALYST * LIQUIDS WITH PH <= 2 WITH METALS Lead
Confirmed COC: NONE SPECIFIED
Potential Description: SOIL, SV
Alias Name: VICTOR INDUSTRIAL BATTERY
Alias Type: Alternate Name
Alias Name: VICTOR'S INDUSTRIAL BATTERIES
Alias Type: Alternate Name
Alias Name: 5447-014-024
Alias Type: APN
Alias Name: 5447014024
Alias Type: APN
Alias Name: 110033613392
Alias Type: EPA (FRS #)
Alias Name: 300547
Alias Type: Project Code (Site Code)
Alias Name: 19360528
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Post HARP Form
Completed Date: 11/15/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 01/25/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 03/16/1994
Comments: The Department received a referral dated March 8, 1994 from the County of Los Angeles, Fire Department. The site was previously a battery recycler whose owner, Victor Pena, was under investigation by LA County and the LA City Attorney's Office for the illegal discharge of hazardous waste onto the subject property. The waste materials were being discharged into an unlined pit in the rear of the property and the driveway. The RP was subsequently convicted of illegal discharge of hazardous waste, sentenced and ordered to remediate the site. The "Subsurface Investigation Report" indicates that the maximum concentration of lead in the soil is 30,000 mg/kg and minimum pH is 0.48. RP has not been compiled with the County's directives. Therefore, the site was referred to the Department. Due to the

VICTOR S INDUSTRIAL BATTERIES (Continued) **S105689620**

evidence of onsite contamination, the Department recommends a PEA. The RP will be notified of this recommendation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 07/05/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 06/30/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 04/04/1991
Comments: Supplemental Addendum to Subsurface Investigation was submitted on July 31, 1991

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 08/12/1991
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 08/12/1991
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 09/17/1992
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 10/07/1992
Comments: Hard copy approval letter is not available

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 07/16/1993
Comments: Hard copy approval letter is not available

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 03/16/1994
Comments: Not reported

VICTOR S INDUSTRIAL BATTERIES (Continued) **S105689620**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Deed/LUR Enforcement & Implementation Plan
Completed Date: 03/29/1995
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 03/27/1995
Comments: DTSC enters into a Voluntary Cleanup Agreement with the Project Proponent. Under the terms of the Agreement, the Project Proponent will prepare a Deed Restriction in the manner specified by DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 03/27/1995
Comments: The Responsible Party recorded a Deed Restriction notification with the County of Los Angeles on March 27, 1995 and a copy has been provided to the Department. The Department has reviewed the Covenant and recommended that "No Further Action" is warranted provided the current cap is in place. Based on the Covenant, the Department should be notified prior to any soil disturbance at the site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/13/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 02/07/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 02/25/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 02/11/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pre-HARP Form
Completed Date: 04/15/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

VICTOR S INDUSTRIAL BATTERIES (Continued) **S105689620**

Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 03/05/2004
Comments: File Download into Envirostor on 3/2/2015

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Litigation Support
Completed Date: 07/17/1992
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 06/28/2016
Comments: LUC Inspection conducted on June 28, 2016

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 03/30/1994
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 09/21/1994
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Litigation Support
Completed Date: 08/11/1993
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation & Maintenance Order/Agreement
Completed Date: 03/27/1995
Comments: File Download into Envirostor on 3/2/2015

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 03/16/1994
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Litigation Support
Completed Date: 12/03/1990
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Litigation Support
Completed Date: 02/24/1994
Comments: Not reported

VICTOR S INDUSTRIAL BATTERIES (Continued) **S105689620**

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Land Use Restriction - Site Inspection/Visit
Completed Date:	09/30/2016
Comments:	30-day extension approval issued on 9/30/2016 to bring the facility into compliance

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Land Use Restriction - Site Inspection/Visit
Completed Date:	07/05/2016
Comments:	Report completed (finalized) on July 5, 2016

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Annual Oversight Cost Estimate
Completed Date:	09/10/2015
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Pre-HARP Form
Completed Date:	06/15/2016
Comments:	HARP approved by assigned Industrial Hygienist on June 15, 2016

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Correspondence
Completed Date:	07/06/2016
Comments:	Notification Letter issued on July 6, 2016

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Post HARP Form
Completed Date:	06/28/2016
Comments:	LUC field inspection conducted on June 28, 2016

Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

VCP:

Facility ID:	19360528
Site Type:	Voluntary Cleanup
Site Type Detail:	Voluntary Cleanup
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	0.1
National Priorities List:	NO
Cleanup Oversight Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Lead Agency Description:	Not reported

VICTOR S INDUSTRIAL BATTERIES (Continued) **S105689620**

Project Manager:	Maria Fabella
Supervisor:	Philip Chandler
Division Branch:	Cleanup Chatsworth
Site Code:	300547
Assembly:	51
Senate:	24
Special Programs Code:	Voluntary Cleanup Program
Status:	Certified O&M - Land Use Restrictions Only
Status Date:	03/29/1995
Restricted Use:	YES
Funding:	Responsible Party
Lat/Long:	34.07543 / -118.2214
APN:	5447-014-024, 5447014024
Past Use:	BATTERY RECLAMATION
Potential COC:	10015, 10097, 10119, 10120, 10124, 10193, 10194, 20001, 20009, 20011, 20013, 20024, 30013
Confirmed COC:	NONE SPECIFIED
Potential Description:	SOIL, SV
Alias Name:	VICTOR INDUSTRIAL BATTERY
Alias Type:	Alternate Name
Alias Name:	VICTOR'S INDUSTRIAL BATTERIES
Alias Type:	Alternate Name
Alias Name:	5447-014-024
Alias Type:	APN
Alias Name:	5447014024
Alias Type:	APN
Alias Name:	110033613392
Alias Type:	EPA (FRS #)
Alias Name:	300547
Alias Type:	Project Code (Site Code)
Alias Name:	19360528
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Post HARP Form
Completed Date:	11/15/2016
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Land Use Restriction - Site Inspection/Visit
Completed Date:	01/25/2017
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Screening
Completed Date:	03/16/1994
Comments:	The Department received a referral dated March 8, 1994 from the County of Los Angeles, Fire Department. The site was previously a battery recycler whose owner, Victor Pena, was under investigation by LA County and the LA City Attorney's Office for the illegal discharge of hazardous waste onto the subject property. The waste materials were being discharged into an unlined pit in the rear of the property and the driveway. The RP was subsequently convicted of illegal discharge of hazardous waste, sentenced and ordered to remediate the

VICTOR S INDUSTRIAL BATTERIES (Continued) **S105689620**

site. The "Subsurface Investigation Report" indicates that the maximum concentration of lead in the soil is 30,000 mg/kg and minimum pH is 0.48. RP has not been compiled with the County's directives. Therefore, the site was referred to the Department. Due to the evidence of onsite contamination, the Department recommends a PEA. The RP will be notified of this recommendation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 07/05/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 06/30/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 04/04/1991
Comments: Supplemental Addendum to Subsurface Investigation was submitted on July 31, 1991

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 08/12/1991
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 08/12/1991
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 09/17/1992
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 10/07/1992
Comments: Hard copy approval letter is not available

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 07/16/1993
Comments: Hard copy approval letter is not available

Completed Area Name: PROJECT WIDE

VICTOR S INDUSTRIAL BATTERIES (Continued) **S105689620**

Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 03/16/1994
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Deed/LUR Enforcement & Implementation Plan
Completed Date: 03/29/1995
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 03/27/1995
Comments: DTSC enters into a Voluntary Cleanup Agreement with the Project Proponent. Under the terms of the Agreement, the Project Proponent will prepare a Deed Restriction in the manner specified by DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 03/27/1995
Comments: The Responsible Party recorded a Deed Restriction notification with the County of Los Angeles on March 27, 1995 and a copy has been provided to the Department. The Department has reviewed the Covenant and recommended that "No Further Action" is warranted provided the current cap is in place. Based on the Covenant, the Department should be notified prior to any soil disturbance at the site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/13/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 02/07/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 02/25/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 02/11/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pre-HARP Form

VICTOR S INDUSTRIAL BATTERIES (Continued) **S105689620**

Completed Date: 04/15/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 03/05/2004
Comments: File Download into Envirostor on 3/2/2015

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Litigation Support
Completed Date: 07/17/1992
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 06/28/2016
Comments: LUC Inspection conducted on June 28, 2016

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 03/30/1994
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 09/21/1994
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Litigation Support
Completed Date: 08/11/1993
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation & Maintenance Order/Agreement
Completed Date: 03/27/1995
Comments: File Download into Envirostor on 3/2/2015

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 03/16/1994
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Litigation Support
Completed Date: 12/03/1990
Comments: Not reported

VICTOR S INDUSTRIAL BATTERIES (Continued) **S105689620**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Litigation Support
Completed Date: 02/24/1994
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 09/30/2016
Comments: 30-day extension approval issued on 9/30/2016 to bring the facility into compliance

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 07/05/2016
Comments: Report completed (finalized) on July 5, 2016

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/10/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pre-HARP Form
Completed Date: 06/15/2016
Comments: HARP approved by assigned Industrial Hygienist on June 15, 2016

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 07/06/2016
Comments: Notification Letter issued on July 6, 2016

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Post HARP Form
Completed Date: 06/28/2016
Comments: LUC field inspection conducted on June 28, 2016

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

DEED:
Envirostor ID: 19360528
Area: PROJECT WIDE
Sub Area: Not reported

VICTOR S INDUSTRIAL BATTERIES (Continued) **S105689620**

Site Type: VOLUNTARY CLEANUP
Status: CERTIFIED O&M - LAND USE RESTRICTIONS ONLY
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): 03/27/1995
File Name: Envirostor Land Use Restrictions

LOS ANGELES HM:
Facility ID: FA0008770
Last Run Date: 01/01/2019
Status: ACTIVE

LA Co. Site Mitigation:
Name: VICTOR S INDUSTRIAL BATTERIES
Address: 138 N SAN FERNANDO RD
City,State,Zip: LOS ANGELES, CA 90031
Facility ID: Not reported
Status: Not reported
Site ID: SD0010405
Jurisdiction: Not reported
Case ID: RO0000597
Abated: Yes
Assigned To: Don Thompson
Entered Date: Not reported
Abated Date: 03/07/1994

Y148 **NATIONAL AIRCRAFT EQUIPMENT CO.** **ENVIROSTOR** **S107736819**
WSW **N/A**
1/2-1 **LOS ANGELES, CA**
0.745 mi.
3936 ft. **Site 1 of 2 in cluster Y**

Relative:
Higher

Actual:
436 ft.

ENVIROSTOR:
Name: NATIONAL AIRCRAFT EQUIPMENT CO.
Address: Not reported
City,State,Zip: LOS ANGELES, CA
Facility ID: 80001108
Status: Inactive - Needs Evaluation
Status Date: 07/01/2005
Site Code: Not reported
Site Type: Military Evaluation
Site Type Detailed: FUDS
Acres: 0
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Douglas Bautista
Division Branch: Cleanup Cypress
Assembly: 51
Senate: 24
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: DERA
Latitude: 34.08083
Longitude: -118.2280

NATIONAL AIRCRAFT EQUIPMENT CO. (Continued) **S107736819**

APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CA99799FA43700
Alias Type: Federal Facility ID
Alias Name: J09CA7410
Alias Type: INPR
Alias Name: 80001108
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Inventory Project Report (INPR)
Completed Date: 05/14/1999
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Y149 **NATIONAL AIRCRAFT EQUIPMENT CO.** **FUDS** **1024904064**
WSW **N/A**
1/2-1 **LOS ANGELES, CA**
0.748 mi.
3951 ft. **Site 2 of 2 in cluster Y**

Relative:
Higher

Actual:
460 ft.

FUDS:
EPA Region: 9
Installation ID: CA99799FA43700
Congressional District Number: 34
Facility Name: NATIONAL AIRCRAFT EQUIPMENT CO.
FUDS Number: J09CA7410
City: LOS ANGELES
State: CA
County: LOS ANGELES COUNTY
Telephone: 213-452-3920
USACE Division: South Pacific Division (SPD)
USACE District: Los Angeles District (SPL)
Status: Properties without projects
Current Owner: Not reported
X Coord: -13161086.9424309
Y Coord: 4039661.13856273
Latitude: 34.080833329999997
Longitude: -118.22805556

150 INDUSTRIAL COMPOUNDS **ENVIROSTOR S102860899**
WNW 1010 SAN FERNANDO **HIST CORTESE N/A**
1/2-1 LOS ANGELES, CA 90065
0.872 mi.
4606 ft.

Relative: Lower

Actual: 343 ft.

ENVIROSTOR:

Name:	INDUSTRIAL COMPOUNDS
Address:	1010 SAN FERNANDO ROAD
City,State,Zip:	LOS ANGELES, CA 90031
Facility ID:	19500116
Status:	No Further Action
Status Date:	12/08/1994
Site Code:	Not reported
Site Type:	Historical
Site Type Detailed:	* Historical
Acres:	0
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	* Mmonroy
Division Branch:	Cleanup Chatsworth
Assembly:	51
Senate:	24
Special Program:	* Site Char & Assess Grant (CERCLA 104)
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	34.09192
Longitude:	-118.2281
APN:	5453004027
Past Use:	DEGREASING FACILITY
Potential COC:	Chromium VI
Confirmed COC:	30153-NO
Potential Description:	SOIL
Alias Name:	SPEED-D-BURR COMPANY
Alias Type:	Alternate Name
Alias Name:	5453004027
Alias Type:	APN
Alias Name:	CAD008313918
Alias Type:	EPA Identification Number
Alias Name:	19500116
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Screening
Completed Date:	12/08/1994
Comments:	CALSITES VALIDATION PROGRAM CONFIRMS NFA FOR DTSC.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Assessment Report
Completed Date:	04/01/1985
Comments:	INSPECTION(LOCAL) CITY SANNIT. QUARTERLY INSP SINCE 1950 CITY FIRE DEPT. YEARLY INSP. NO VIOS. T/C W/ B.MEHL,INDUST,213-221-5196 - 1)SOURCE ACT: DEBURRING & BURNISHING OPR 2)HAULER: CHEM-RAN PUMPING 3)YR OF OPER: 1947 TO PRESENT LA CITY SANIT - 1)SOURCE ACT: METAL

INDUSTRIAL COMPOUNDS (Continued) **S102860899**

CLNG BBL WASHING & TUMBLING OPERS. 2)WASTE: DISCH TO STREET PRIOR TO 1955. SUBMIT TO EPA PRELIM ASSESS DONE CERCLA 104

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	* Discovery
Completed Date:	07/29/1982
Comments:	FACILITY IDENTIFIED ID BY LA CHAM COMM DIR 1963-64 MFG DEBURRING EQUIPMENT;DBURRING
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

HIST CORTESE:

edr_fname:	INDUSTRIAL COMPOUNDS
edr_fadd1:	1010 SAN FERNANDO
City,State,Zip:	LOS ANGELES, CA 90065
Region:	CORTESE
Facility County Code:	19
Reg By:	CALSI
Reg Id:	19500116

---

151 NW 1/2-1 0.887 mi. 4686 ft.

ARAGON ELEMENTARY SCHOOL
1118 ARAGON AVENUE
LOS ANGELES, CA 90065

ENVIROSTOR SCH EMI CERS **S105628633 N/A**

Relative: Higher

Actual: 390 ft.

ENVIROSTOR:

Name:	ARAGON ELEMENTARY SCHOOL
Address:	1118 ARAGON AVENUE
City,State,Zip:	LOS ANGELES, CA 90065-1704
Facility ID:	19880029
Status:	No Further Action
Status Date:	03/21/2002
Site Code:	304268
Site Type:	School Investigation
Site Type Detailed:	School
Acres:	1
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Yolanda Garza
Division Branch:	Southern California Schools & Brownfields Outreach
Assembly:	51
Senate:	24
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED

ARAGON ELEMENTARY SCHOOL (Continued) **S105628633**

Funding: School District
Latitude: 34.09485
Longitude: -118.2255
APN: 5454024906
Past Use: RESIDENTIAL AREA
Potential COC: NONE SPECIFIED No Contaminants found
Confirmed COC: NONE SPECIFIED
Potential Description: SOIL
Alias Name: ARAGON ELEMENTARY SCHOOL
Alias Type: Alternate Name
Alias Name: LAUSD-ARAGON ELEM
Alias Type: Alternate Name
Alias Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: 5454024906
Alias Type: APN
Alias Name: 304268
Alias Type: Project Code (Site Code)
Alias Name: 19880029
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 03/21/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 08/20/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 01/27/2003
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

SCH:

ARAGON ELEMENTARY SCHOOL (Continued) **S105628633**

Facility ID:	19880029
Site Type:	School Investigation
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	1
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Not reported
Supervisor:	Yolanda Garza
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	304268
Assembly:	51
Senate:	24
Special Program Status:	Not reported
Status:	No Further Action
Status Date:	03/21/2002
Restricted Use:	NO
Funding:	School District
Latitude:	34.09485
Longitude:	-118.2255
APN:	5454024906
Past Use:	RESIDENTIAL AREA
Potential COC:	NONE SPECIFIED, No Contaminants found
Confirmed COC:	NONE SPECIFIED
Potential Description:	SOIL
Alias Name:	ARAGON ELEMENTARY SCHOOL
Alias Type:	Alternate Name
Alias Name:	LAUSD-ARAGON ELEM
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	5454024906
Alias Type:	APN
Alias Name:	304268
Alias Type:	Project Code (Site Code)
Alias Name:	19880029
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	02/10/2000
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	03/21/2002
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1
Completed Date:	08/20/2001
Comments:	Not reported

ARAGON ELEMENTARY SCHOOL (Continued) **S105628633**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 01/27/2003
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

EMI:
Year: 1990
County Code: 19
Air Basin: SC
Facility ID: 72823
Air District Name: SC
SIC Code: 8211
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

CERS TANKS:
Site ID: 334683
CERS ID: 19880029
Site Name: ARAGON ELEMENTARY SC
CERS Description: School Investigation

Affiliation:
Affiliation Type Desc: Supervisor
Entity Name: YOLANDA GARZA
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Count: 3 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
LOS ANGELES	S106116451	THE E.B. MALONE CORP.	306 AVENUE 26	90031	CPS-SLIC
LOS ANGELES	S101661395	METRO RAIL PASADENA BLUE LINE	BETWEEN AVENUE 33 & FRENCH AVE	90065	ENVIROSTOR
LOS ANGELES	S120714330	LINK STATION US PROJECT	800 NORTH UNION STATION	90012	ENVIROSTOR, VCP

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/18/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 26

Source: EPA
Telephone: N/A
Last EDR Contact: 06/06/2019
Next Scheduled EDR Contact: 07/15/2019
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/18/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 26

Source: EPA
Telephone: N/A
Last EDR Contact: 06/06/2019
Next Scheduled EDR Contact: 07/15/2019
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/18/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 26

Source: EPA
Telephone: N/A
Last EDR Contact: 06/06/2019
Next Scheduled EDR Contact: 07/15/2019
Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 04/03/2019
Date Data Arrived at EDR: 04/05/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 04/05/2019
Next Scheduled EDR Contact: 07/15/2019
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/18/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 35

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 06/06/2019
Next Scheduled EDR Contact: 07/29/2019
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/18/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 35

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 06/06/2019
Next Scheduled EDR Contact: 07/29/2019
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/27/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 21

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 03/27/2019
Next Scheduled EDR Contact: 07/08/2019
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/27/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/27/2019
Next Scheduled EDR Contact: 07/08/2019
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/27/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/27/2019
Next Scheduled EDR Contact: 07/08/2019
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/27/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/27/2019
Next Scheduled EDR Contact: 07/08/2019
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/27/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/27/2019
Next Scheduled EDR Contact: 07/08/2019
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 02/22/2019
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 41

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 05/10/2019
Next Scheduled EDR Contact: 08/26/2019
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 01/31/2019
Date Data Arrived at EDR: 02/04/2019
Date Made Active in Reports: 03/08/2019
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 05/29/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 01/31/2019
Date Data Arrived at EDR: 02/04/2019
Date Made Active in Reports: 03/08/2019
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 05/29/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/26/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 36

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 03/26/2019
Next Scheduled EDR Contact: 07/08/2019
Data Release Frequency: Quarterly

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 01/28/2019
Date Data Arrived at EDR: 01/29/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 35

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 04/30/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 01/28/2019
Date Data Arrived at EDR: 01/29/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 35

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 04/30/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Quarterly

State and tribal landfill and/or solid waste disposal site lists

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 02/11/2019
Date Data Arrived at EDR: 02/12/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 21

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 05/14/2019
Next Scheduled EDR Contact: 08/26/2019
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

LUST: Leaking Underground Fuel Tank Report (GEOTRACKER)

Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Quarterly

LUST REG 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Varies

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing

For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

LUST REG 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 7: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 10/10/2018
Date Data Arrived at EDR: 03/08/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 10/16/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55
Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 02/19/2019
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 11/01/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55
Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 09/24/2018
Date Data Arrived at EDR: 03/12/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 50
Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 10/13/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55
Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 10/12/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55
Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 10/17/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55
Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

CPS-SLIC: Statewide SLIC Cases (GEOTRACKER)

Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: Semi-Annually

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: Varies

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Semi-Annually

SLIC REG 6L: SLIC Sites
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: Annually

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 05/15/2017
Date Data Arrived at EDR: 05/30/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 136

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 04/25/2019
Next Scheduled EDR Contact: 07/22/2019
Data Release Frequency: Varies

UST CLOSURE: Proposed Closure of Underground Storage Tank (UST) Cases

UST cases that are being considered for closure by either the State Water Resources Control Board or the Executive Director have been posted for a 60-day public comment period. UST Case Closures being proposed for consideration by the State Water Resources Control Board. These are primarily UST cases that meet closure criteria under the decisional framework in State Water Board Resolution No. 92-49 and other Board orders. UST Case Closures proposed for consideration by the Executive Director pursuant to State Water Board Resolution No. 2012-0061. These are cases that meet the criteria of the Low-Threat UST Case Closure Policy. UST Case Closure Review Denials and Approved Orders.

Date of Government Version: 03/11/2019
Date Data Arrived at EDR: 03/13/2019
Date Made Active in Reports: 04/03/2019
Number of Days to Update: 21

Source: State Water Resources Control Board
Telephone: 916-327-7844
Last EDR Contact: 06/12/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Semi-Annually

MILITARY UST SITES: Military UST Sites (GEOTRACKER)

Military ust sites

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016
Date Data Arrived at EDR: 07/12/2016
Date Made Active in Reports: 09/19/2016
Number of Days to Update: 69

Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 06/17/2019
Next Scheduled EDR Contact: 09/30/2019
Data Release Frequency: Quarterly

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 10/16/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 10/10/2018
Date Data Arrived at EDR: 03/08/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 54

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 10/17/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 11/07/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 11/01/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 10/12/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 09/24/2018
Date Data Arrived at EDR: 03/12/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 50

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/03/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142
Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 06/20/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27
Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Properties
Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 01/28/2019
Date Data Arrived at EDR: 01/29/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 35
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 04/30/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Quarterly

State and tribal Brownfields sites

BROWNFIELDS: Considered Brownfieds Sites Listing
A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/26/2019
Date Made Active in Reports: 04/29/2019
Number of Days to Update: 34
Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 03/26/2019
Next Scheduled EDR Contact: 07/08/2019
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites
Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 12/17/2018
Date Data Arrived at EDR: 12/18/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 24
Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 06/04/2019
Next Scheduled EDR Contact: 09/30/2019
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: Waste Management Unit Database

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 04/25/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 03/11/2019
Date Data Arrived at EDR: 03/13/2019
Date Made Active in Reports: 04/30/2019
Number of Days to Update: 48

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 06/12/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 03/26/2019
Date Data Arrived at EDR: 03/27/2019
Date Made Active in Reports: 04/30/2019
Number of Days to Update: 34

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 05/09/2019
Next Scheduled EDR Contact: 08/26/2019
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Varies

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 04/22/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 04/23/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 02/24/2019
Date Data Arrived at EDR: 02/26/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 50

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/24/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 01/28/2019
Date Data Arrived at EDR: 01/29/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 35

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 04/30/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 06/12/2018
Date Made Active in Reports: 08/06/2018
Number of Days to Update: 55

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 05/02/2019
Next Scheduled EDR Contact: 07/22/2019
Data Release Frequency: Varies

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

CERS HAZ WASTE: CERS HAZ WASTE

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

Date of Government Version: 04/09/2019
Date Data Arrived at EDR: 04/11/2019
Date Made Active in Reports: 05/08/2019
Number of Days to Update: 27

Source: CalEPA
Telephone: 916-323-2514
Last EDR Contact: 04/11/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Quarterly

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 02/24/2019
Date Data Arrived at EDR: 02/26/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 50

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/24/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: Quarterly

PFAS: PFAS Contamination Site Location Listing

A listing of PFAS contaminated sites included in the GeoTracker database.

Date of Government Version: 02/21/2019
Date Data Arrived at EDR: 02/22/2019
Date Made Active in Reports: 04/15/2019
Number of Days to Update: 52

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/19/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 12/04/2018
Date Data Arrived at EDR: 12/06/2018
Date Made Active in Reports: 12/14/2018
Number of Days to Update: 8

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 05/24/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SAN FRANCISCO AST: Aboveground Storage Tank Site Listing
Aboveground storage tank sites

Date of Government Version: 09/11/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 10/11/2018
Number of Days to Update: 29

Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 05/02/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Varies

CA FID UST: Facility Inventory Database
The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CERS TANKS: California Environmental Reporting System (CERS) Tanks
List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

Date of Government Version: 04/09/2019
Date Data Arrived at EDR: 04/11/2019
Date Made Active in Reports: 05/08/2019
Number of Days to Update: 27

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 04/11/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Quarterly

Local Land Records

LIENS: Environmental Liens Listing
A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 02/28/2019
Date Data Arrived at EDR: 03/01/2019
Date Made Active in Reports: 04/02/2019
Number of Days to Update: 32

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 06/03/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information
A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/18/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 35

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 06/06/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Semi-Annually

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 03/04/2019
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 27

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 06/04/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/26/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 49

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 03/26/2019
Next Scheduled EDR Contact: 07/08/2019
Data Release Frequency: Quarterly

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 10/24/2018
Date Data Arrived at EDR: 01/24/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 40

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Semi-Annually

LDS: Land Disposal Sites Listing (GEOTRACKER)

Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing (GEOTRACKER)

Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/22/2013
Number of Days to Update: 50

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/27/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/27/2019
Next Scheduled EDR Contact: 07/08/2019
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 03/07/2019
Date Data Arrived at EDR: 04/03/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 50

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 05/21/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 04/12/2019
Next Scheduled EDR Contact: 07/22/2019
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 04/12/2019
Next Scheduled EDR Contact: 07/22/2019
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63
Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 05/13/2019
Next Scheduled EDR Contact: 08/26/2019
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/26/2019
Date Made Active in Reports: 05/07/2019
Number of Days to Update: 42
Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 03/26/2019
Next Scheduled EDR Contact: 07/08/2019
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88
Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 05/06/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73
Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 05/10/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 06/21/2017
Date Made Active in Reports: 01/05/2018
Number of Days to Update: 198
Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 06/18/2019
Next Scheduled EDR Contact: 09/30/2019
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 01/10/2018
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 2

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 05/24/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 04/24/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/18/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 35

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 06/06/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 04/25/2019
Date Data Arrived at EDR: 05/02/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 04/22/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PRP: Potentially Responsible Parties
A listing of verified Potentially Responsible Parties

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/18/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 06/06/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Quarterly

PADS: PCB Activity Database System
PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 03/20/2019
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 34

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 04/10/2019
Next Scheduled EDR Contact: 07/22/2019
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System
The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 04/08/2019
Next Scheduled EDR Contact: 07/22/2019
Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: Quarterly

MLTS: Material Licensing Tracking System
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 08/30/2016
Date Data Arrived at EDR: 09/08/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 43

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 04/22/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76
Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 06/07/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 06/07/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 05/24/2017
Date Data Arrived at EDR: 11/30/2017
Date Made Active in Reports: 12/15/2017
Number of Days to Update: 15
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 04/02/2019
Date Data Arrived at EDR: 04/02/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 42
Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 04/02/2019
Next Scheduled EDR Contact: 07/15/2019
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 12/03/2018
Date Data Arrived at EDR: 01/29/2019
Date Made Active in Reports: 03/21/2019
Number of Days to Update: 51

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 04/30/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 03/31/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 30

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 04/05/2019
Next Scheduled EDR Contact: 07/22/2019
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 09/28/2017
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 05/24/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 04/11/2019
Next Scheduled EDR Contact: 07/22/2019
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 08/08/2017
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 3

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 05/02/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 06/23/2017
Date Data Arrived at EDR: 10/11/2017
Date Made Active in Reports: 11/03/2017
Number of Days to Update: 23

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 05/24/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/18/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 26

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 06/06/2019
Next Scheduled EDR Contact: 07/15/2019
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 11/27/2018
Date Data Arrived at EDR: 02/27/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 33

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 05/29/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 12/05/2005
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 49

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/31/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/31/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 03/27/2019
Date Data Arrived at EDR: 03/28/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 34

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 06/19/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 02/15/2019
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 03/15/2019
Number of Days to Update: 10

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 06/05/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 04/07/2019
Date Data Arrived at EDR: 04/09/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 44

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 04/09/2019
Next Scheduled EDR Contact: 07/22/2019
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 01/17/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 74

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 04/15/2019
Next Scheduled EDR Contact: 07/29/2019
Data Release Frequency: Varies

DOCKET HWC: Hazardous Waste Compliance Docket Listing
A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 07/26/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 71
Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 05/24/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing
This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 02/19/2019
Date Data Arrived at EDR: 02/21/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 39
Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 05/21/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Quarterly

CA BOND EXP. PLAN: Bond Expenditure Plan
Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6
Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CORTESE: "Cortese" Hazardous Waste & Substances Sites List
The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/26/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 36
Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 03/26/2019
Next Scheduled EDR Contact: 07/08/2019
Data Release Frequency: Quarterly

CUPA SAN FRANCISCO CO: CUPA Facility Listing
Cupa facilities

Date of Government Version: 04/18/2019
Date Data Arrived at EDR: 04/19/2019
Date Made Active in Reports: 04/30/2019
Number of Days to Update: 11
Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 04/18/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Varies

CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing
list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 01/23/2019
Date Data Arrived at EDR: 02/26/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 34
Source: Livermore-Pleasanton Fire Department
Telephone: 925-454-2361
Last EDR Contact: 05/14/2019
Next Scheduled EDR Contact: 08/26/2019
Data Release Frequency: Varies

DRYCLEAN SOUTH COAST: South Coast Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the South Coast Air Quality Management District

Date of Government Version: 03/19/2019
Date Data Arrived at EDR: 03/22/2019
Date Made Active in Reports: 04/09/2019
Number of Days to Update: 18

Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 05/23/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: Varies

DRYCLEANERS: Cleaner Facilities

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 03/01/2019
Date Data Arrived at EDR: 04/25/2019
Date Made Active in Reports: 05/30/2019
Number of Days to Update: 35

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 06/03/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Annually

DRYCLEAN AVAQMD: Antelope Valley Air Quality Management District Drycleaner Listing

A listing of dry cleaners in the Antelope Valley Air Quality Management District.

Date of Government Version: 02/27/2019
Date Data Arrived at EDR: 02/28/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 32

Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 06/03/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Varies

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 06/20/2018
Date Made Active in Reports: 08/06/2018
Number of Days to Update: 47

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 06/21/2019
Next Scheduled EDR Contact: 09/30/2019
Data Release Frequency: Varies

ENF: Enforcement Action Listing

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 11/01/2018
Date Data Arrived at EDR: 11/02/2018
Date Made Active in Reports: 12/13/2018
Number of Days to Update: 41

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 05/14/2019
Next Scheduled EDR Contact: 08/26/2019
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 01/10/2019
Date Data Arrived at EDR: 01/23/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 41

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 04/22/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 02/15/2019
Date Data Arrived at EDR: 02/19/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 14

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 05/09/2019
Next Scheduled EDR Contact: 08/26/2019
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 04/09/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 50

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 04/22/2019
Next Scheduled EDR Contact: 07/22/2019
Data Release Frequency: Annually

ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 02/19/2019
Date Data Arrived at EDR: 02/20/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 13

Source: Department of Toxic Subsances Control
Telephone: 877-786-9427
Last EDR Contact: 05/21/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 02/19/2019
Date Data Arrived at EDR: 02/20/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 13

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/21/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 04/08/2019
Date Data Arrived at EDR: 04/09/2019
Date Made Active in Reports: 05/30/2019
Number of Days to Update: 51

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 04/09/2019
Next Scheduled EDR Contact: 07/22/2019
Data Release Frequency: Quarterly

MINES: Mines Site Location Listing
A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/12/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 34
Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Quarterly

MWMP: Medical Waste Management Program Listing
The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 02/20/2019
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 04/02/2019
Number of Days to Update: 28
Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 06/04/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Varies

NPDES: NPDES Permits Listing
A listing of NPDES permits, including stormwater.

Date of Government Version: 02/11/2019
Date Data Arrived at EDR: 02/12/2019
Date Made Active in Reports: 03/07/2019
Number of Days to Update: 23
Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 05/14/2019
Next Scheduled EDR Contact: 08/26/2019
Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing
A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 03/04/2019
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 04/05/2019
Number of Days to Update: 31
Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 06/04/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Quarterly

PROC: Certified Processors Database
A listing of certified processors.

Date of Government Version: 03/11/2019
Date Data Arrived at EDR: 03/13/2019
Date Made Active in Reports: 04/29/2019
Number of Days to Update: 47
Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 06/12/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records
Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 03/18/2019
Date Data Arrived at EDR: 03/19/2019
Date Made Active in Reports: 04/29/2019
Number of Days to Update: 41
Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 06/17/2019
Next Scheduled EDR Contact: 09/30/2019
Data Release Frequency: No Update Planned

UIC: UIC Listing
A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 04/27/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 07/17/2018
Number of Days to Update: 34
Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)
Underground control injection sites

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35
Source: State Water Resource Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing
Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water boards review found that more than one-third of the region's active disposal pits are operating without permission.

Date of Government Version: 05/08/2018
Date Data Arrived at EDR: 07/11/2018
Date Made Active in Reports: 09/13/2018
Number of Days to Update: 64
Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 04/12/2019
Next Scheduled EDR Contact: 07/22/2019
Data Release Frequency: Varies

WDS: Waste Discharge System
Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9
Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Quarterly

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)
Military privatized sites

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)
Projects sites

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

WDR: Waste Discharge Requirements Listing
In general, the Waste Discharge Requirements (WDRs) Program (sometimes also referred to as the "Non Chapter 15 (Non 15) Program") regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act. Exemptions from Title 27 may be granted for nine categories of discharges (e.g., sewage, wastewater, etc.) that meet, and continue to meet, the preconditions listed for each specific exemption. The scope of the WDRs Program also includes the discharge of wastes classified as inert, pursuant to section 20230 of Title 27.

Date of Government Version: 03/11/2019
Date Data Arrived at EDR: 03/13/2019
Date Made Active in Reports: 04/29/2019
Number of Days to Update: 47

Source: State Water Resources Control Board
Telephone: 916-341-5810
Last EDR Contact: 06/12/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Quarterly

CIWQS: California Integrated Water Quality System

The California Integrated Water Quality System (CIWQS) is a computer system used by the State and Regional Water Quality Control Boards to track information about places of environmental interest, manage permits and other orders, track inspections, and manage violations and enforcement activities.

Date of Government Version: 03/05/2019
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 04/02/2019
Number of Days to Update: 28

Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 06/04/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Varies

CERS: CalEPA Regulated Site Portal Data

The CalEPA Regulated Site Portal database combines data about environmentally regulated sites and facilities in California into a single database. It combines data from a variety of state and federal databases, and provides an overview of regulated activities across the spectrum of environmental programs for any given location in California. These activities include hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials

Date of Government Version: 04/09/2019
Date Data Arrived at EDR: 04/11/2019
Date Made Active in Reports: 05/08/2019
Number of Days to Update: 27

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 04/11/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)

Non-Case Information sites

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

WIP: Well Investigation Program Case List

Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 06/19/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Varies

OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)

Other Oil & Gas Projects sites

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)

Produced water ponds sites

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)
Sampling point - public sites

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

WELL STIM PROJ: Well Stimulation Project (GEOTRACKER)
Includes areas of groundwater monitoring plans, a depiction of the monitoring network, and the facilities, boundaries, and subsurface characteristics of the oilfield and the features (oil and gas wells, produced water ponds, UIC wells, water supply wells, etc?) being monitored

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants
The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations
EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

CS ALAMEDA: Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 01/09/2019
Date Data Arrived at EDR: 01/11/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 53

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 04/22/2019
Next Scheduled EDR Contact: 07/22/2019
Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 04/10/2019
Date Data Arrived at EDR: 04/11/2019
Date Made Active in Reports: 06/20/2019
Number of Days to Update: 70

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 04/08/2019
Next Scheduled EDR Contact: 04/24/2047
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA AMADOR: CUPA Facility List
Cupa Facility List

Date of Government Version: 01/07/2019
Date Data Arrived at EDR: 01/08/2019
Date Made Active in Reports: 03/07/2019
Number of Days to Update: 58

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 06/17/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA BUTTE: CUPA Facility Listing
Cupa facility list.

Date of Government Version: 04/21/2017
Date Data Arrived at EDR: 04/25/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 106

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 04/08/2019
Next Scheduled EDR Contact: 07/22/2019
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 05/01/2019
Date Data Arrived at EDR: 05/02/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 27

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 03/25/2019
Next Scheduled EDR Contact: 07/08/2019
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA COLUSA: CUPA Facility List
Cupa facility list.

Date of Government Version: 02/27/2019
Date Data Arrived at EDR: 02/28/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 32

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

SL CONTRA COSTA: Site List
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 02/14/2019
Date Data Arrived at EDR: 02/19/2019
Date Made Active in Reports: 03/08/2019
Number of Days to Update: 17

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 04/29/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA DEL NORTE: CUPA Facility List
Cupa Facility list

Date of Government Version: 02/20/2019
Date Data Arrived at EDR: 05/01/2019
Date Made Active in Reports: 05/30/2019
Number of Days to Update: 29

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 04/25/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA EL DORADO: CUPA Facility List
CUPA facility list.

Date of Government Version: 02/27/2019
Date Data Arrived at EDR: 02/28/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 32

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 04/29/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA FRESNO: CUPA Resources List
Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 04/10/2019
Date Data Arrived at EDR: 04/11/2019
Date Made Active in Reports: 04/30/2019
Number of Days to Update: 19

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 03/29/2019
Next Scheduled EDR Contact: 07/15/2019
Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA GLENN: CUPA Facility List
Cupa facility list

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 49

Source: Glenn County Air Pollution Control District
Telephone: 830-934-6500
Last EDR Contact: 04/22/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

HUMBOLDT COUNTY:

CUPA HUMBOLDT: CUPA Facility List
CUPA facility list.

Date of Government Version: 12/11/2018
Date Data Arrived at EDR: 12/13/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 33

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 05/20/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA IMPERIAL: CUPA Facility List
Cupa facility list.

Date of Government Version: 01/18/2019
Date Data Arrived at EDR: 01/23/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 41

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 04/22/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

INYO COUNTY:

CUPA INYO: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/03/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 72

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Varies

KERN COUNTY:

UST KERN: Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 01/28/2019
Date Data Arrived at EDR: 02/07/2019
Date Made Active in Reports: 03/08/2019
Number of Days to Update: 29

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 05/02/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA KINGS: CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 05/16/2019
Date Data Arrived at EDR: 05/17/2019
Date Made Active in Reports: 05/30/2019
Number of Days to Update: 13

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Varies

LAKE COUNTY:

CUPA LAKE: CUPA Facility List
Cupa facility list

Date of Government Version: 02/08/2019
Date Data Arrived at EDR: 02/12/2019
Date Made Active in Reports: 03/12/2019
Number of Days to Update: 28

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 04/15/2019
Next Scheduled EDR Contact: 07/29/2019
Data Release Frequency: Varies

LASSEN COUNTY:

CUPA LASSEN: CUPA Facility List
Cupa facility list

Date of Government Version: 01/17/2019
Date Data Arrived at EDR: 01/18/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 46

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 04/22/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

LOS ANGELES COUNTY:

AOCONCERN: Key Areas of Concerns in Los Angeles County
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office. Date of Government Version: 3/30/2009 Exide Site area is a cleanup plan of lead-impacted soil surrounding the former Exide Facility as designated by the DTSC. Date of Government Version: 7/17/2017

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: N/A
Telephone: N/A
Last EDR Contact: 06/17/2019
Next Scheduled EDR Contact: 09/30/2019
Data Release Frequency: No Update Planned

HMS LOS ANGELES: HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 12/19/2018
Date Data Arrived at EDR: 01/10/2019
Date Made Active in Reports: 03/07/2019
Number of Days to Update: 56

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 05/02/2019
Next Scheduled EDR Contact: 07/22/2019
Data Release Frequency: Semi-Annually

LF LOS ANGELES: List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 04/15/2019
Date Data Arrived at EDR: 04/16/2019
Date Made Active in Reports: 06/21/2019
Number of Days to Update: 66

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 04/16/2019
Next Scheduled EDR Contact: 07/29/2019
Data Release Frequency: Varies

LF LOS ANGELES CITY: City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 01/15/2019
Date Made Active in Reports: 03/07/2019
Number of Days to Update: 51

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 04/15/2019
Next Scheduled EDR Contact: 07/29/2019
Data Release Frequency: Varies

LOS ANGELES AST: Active & Inactive AST Inventory
A listing of active & inactive above ground petroleum storage tank site locations, located in the City of Los Angeles.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 04/05/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 54

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 04/05/2019
Next Scheduled EDR Contact: 07/08/2019
Data Release Frequency: Varies

LOS ANGELES CO LF METHANE: Methane Producing Landfills

This data was created on April 30, 2012 to represent known disposal sites in Los Angeles County that may produce and emanate methane gas. The shapefile contains disposal sites within Los Angeles County that once accepted degradable refuse material. Information used to create this data was extracted from a landfill survey performed by County Engineers (Major Waste System Map, 1973) as well as historical records from CalRecycle, Regional Water Quality Control Board, and Los Angeles County Department of Public Health

Date of Government Version: 04/30/2012
Date Data Arrived at EDR: 04/17/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 42

Source: Los Angeles County Department of Public Works
Telephone: 626-458-6973
Last EDR Contact: 04/17/2019
Next Scheduled EDR Contact: 07/29/2019
Data Release Frequency: No Update Planned

LOS ANGELES HM: Active & Inactive Hazardous Materials Inventory

A listing of active & inactive hazardous materials facility locations, located in the City of Los Angeles.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 04/05/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 54

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 04/05/2019
Next Scheduled EDR Contact: 07/15/2019
Data Release Frequency: Varies

LOS ANGELES UST: Active & Inactive UST Inventory

A listing of active & inactive underground storage tank site locations and underground storage tank historical sites, located in the City of Los Angeles.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 04/05/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 54

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 04/05/2019
Next Scheduled EDR Contact: 07/15/2019
Data Release Frequency: Varies

SITE MIT LOS ANGELES: Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 04/08/2019
Date Data Arrived at EDR: 04/16/2019
Date Made Active in Reports: 06/21/2019
Number of Days to Update: 66

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 04/16/2019
Next Scheduled EDR Contact: 07/29/2019
Data Release Frequency: Annually

UST EL SEGUNDO: City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 04/19/2017
Date Made Active in Reports: 05/10/2017
Number of Days to Update: 21

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 04/15/2019
Next Scheduled EDR Contact: 07/29/2019
Data Release Frequency: Semi-Annually

UST LONG BEACH: City of Long Beach Underground Storage Tank

Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 03/09/2017
Date Data Arrived at EDR: 03/10/2017
Date Made Active in Reports: 05/03/2017
Number of Days to Update: 54

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 04/22/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Annually

UST TORRANCE: City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 10/02/2018
Date Data Arrived at EDR: 10/05/2018
Date Made Active in Reports: 11/02/2018
Number of Days to Update: 28

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 04/22/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA MADERA: CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 02/20/2019
Date Data Arrived at EDR: 02/22/2019
Date Made Active in Reports: 03/07/2019
Number of Days to Update: 13

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Varies

MARIN COUNTY:

UST MARIN: Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 09/26/2018
Date Data Arrived at EDR: 10/04/2018
Date Made Active in Reports: 11/02/2018
Number of Days to Update: 29

Source: Public Works Department Waste Management
Telephone: 415-473-6647
Last EDR Contact: 03/29/2019
Next Scheduled EDR Contact: 07/15/2019
Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List
CUPA facility list.

Date of Government Version: 03/11/2019
Date Data Arrived at EDR: 03/19/2019
Date Made Active in Reports: 05/08/2019
Number of Days to Update: 50

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Varies

MONO COUNTY:

CUPA MONO: CUPA Facility List
CUPA Facility List

Date of Government Version: 02/21/2019
Date Data Arrived at EDR: 02/26/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 34

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 05/23/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA MONTEREY: CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 02/05/2019
Date Data Arrived at EDR: 02/07/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 26

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 04/01/2019
Next Scheduled EDR Contact: 07/15/2019
Data Release Frequency: Varies

NAPA COUNTY:

LUST NAPA: Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 50

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 05/24/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: No Update Planned

UST NAPA: Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

Date of Government Version: 02/21/2019
Date Data Arrived at EDR: 02/22/2019
Date Made Active in Reports: 03/08/2019
Number of Days to Update: 14

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 05/24/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List
CUPA facility list.

Date of Government Version: 05/20/2019
Date Data Arrived at EDR: 05/21/2019
Date Made Active in Reports: 05/30/2019
Number of Days to Update: 9

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 05/13/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Varies

ORANGE COUNTY:

IND_SITE ORANGE: List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 05/01/2019
Date Data Arrived at EDR: 05/09/2019
Date Made Active in Reports: 05/30/2019
Number of Days to Update: 21

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/06/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Annually

LUST ORANGE: List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 05/01/2019
Date Data Arrived at EDR: 05/09/2019
Date Made Active in Reports: 05/30/2019
Number of Days to Update: 21

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/06/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Quarterly

UST ORANGE: List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 01/02/2019
Date Data Arrived at EDR: 02/05/2019
Date Made Active in Reports: 03/08/2019
Number of Days to Update: 31

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/07/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Quarterly

PLACER COUNTY:

MS PLACER: Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 02/28/2019
Date Data Arrived at EDR: 03/01/2019
Date Made Active in Reports: 04/12/2019
Number of Days to Update: 42

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 06/03/2019
Next Scheduled EDR Contact: 06/17/2019
Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA PLUMAS: CUPA Facility List
Plumas County CUPA Program facilities.

Date of Government Version: 01/14/2019
Date Data Arrived at EDR: 01/18/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 46

Source: Plumas County Environmental Health
Telephone: 530-283-6355
Last EDR Contact: 04/22/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

RIVERSIDE COUNTY:

LUST RIVERSIDE: Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/12/2019
Date Made Active in Reports: 04/30/2019
Number of Days to Update: 18

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 06/17/2019
Next Scheduled EDR Contact: 09/30/2019
Data Release Frequency: Quarterly

UST RIVERSIDE: Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/12/2019
Date Made Active in Reports: 06/20/2019
Number of Days to Update: 69

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 06/17/2019
Next Scheduled EDR Contact: 09/30/2019
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

CS SACRAMENTO: Toxic Site Clean-Up List
List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 02/05/2019
Date Data Arrived at EDR: 04/02/2019
Date Made Active in Reports: 06/18/2019
Number of Days to Update: 77

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 04/02/2019
Next Scheduled EDR Contact: 07/15/2019
Data Release Frequency: Quarterly

ML SACRAMENTO: Master Hazardous Materials Facility List

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 02/06/2019
Date Data Arrived at EDR: 04/02/2019
Date Made Active in Reports: 06/20/2019
Number of Days to Update: 79

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 04/02/2019
Next Scheduled EDR Contact: 07/15/2019
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List

Cupa facility list

Date of Government Version: 03/11/2019
Date Data Arrived at EDR: 03/13/2019
Date Made Active in Reports: 04/30/2019
Number of Days to Update: 48

Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 05/02/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

PERMITS SAN BERNARDINO: Hazardous Material Permits

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 02/27/2019
Date Data Arrived at EDR: 02/28/2019
Date Made Active in Reports: 04/02/2019
Number of Days to Update: 33

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 05/06/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

HMMD SAN DIEGO: Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 03/04/2019
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 04/02/2019
Number of Days to Update: 28

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 06/04/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Quarterly

LF SAN DIEGO: Solid Waste Facilities
San Diego County Solid Waste Facilities.

Date of Government Version: 04/18/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 06/19/2018
Number of Days to Update: 56
Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 04/22/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

SAN DIEGO CO LOP: Local Oversight Program Listing
A listing of all LOP release sites that are or were under the County of San Diego's jurisdiction. Included are closed or transferred cases, open cases, and cases that did not have a case type indicated. The cases without a case type are mostly complaints; however, some of them could be LOP cases.

Date of Government Version: 03/06/2019
Date Data Arrived at EDR: 03/06/2019
Date Made Active in Reports: 04/29/2019
Number of Days to Update: 54
Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 04/22/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

SAN DIEGO CO. SAM: Environmental Case Listing
The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24
Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 06/03/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

LUST SAN FRANCISCO: Local Oversite Facilities
A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10
Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 05/02/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Quarterly

UST SAN FRANCISCO: Underground Storage Tank Information
Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/05/2018
Date Data Arrived at EDR: 11/06/2018
Date Made Active in Reports: 12/14/2018
Number of Days to Update: 38
Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 05/02/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

UST SAN JOAQUIN: San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/22/2018
Date Data Arrived at EDR: 06/26/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 15
Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 06/17/2019
Next Scheduled EDR Contact: 09/30/2019
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA SAN LUIS OBISPO: CUPA Facility List
Cupa Facility List.

Date of Government Version: 02/13/2019
Date Data Arrived at EDR: 02/15/2019
Date Made Active in Reports: 03/14/2019
Number of Days to Update: 27

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Varies

SAN MATEO COUNTY:

BI SAN MATEO: Business Inventory
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 03/04/2019
Date Data Arrived at EDR: 03/13/2019
Date Made Active in Reports: 04/29/2019
Number of Days to Update: 47

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 06/12/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Annually

LUST SAN MATEO: Fuel Leak List
A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 03/29/2019
Date Data Arrived at EDR: 03/29/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 61

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 06/10/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA SANTA BARBARA: CUPA Facility Listing
CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Varies

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List
Cupa facility list

Date of Government Version: 02/13/2019
Date Data Arrived at EDR: 02/19/2019
Date Made Active in Reports: 03/06/2019
Number of Days to Update: 15

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Varies

HIST LUST SANTA CLARA: HIST LUST - Fuel Leak Site Activity Report
A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LUST SANTA CLARA: LOP Listing
A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13
Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 05/24/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: Annually

SAN JOSE HAZMAT: Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 01/30/2019
Date Data Arrived at EDR: 02/01/2019
Date Made Active in Reports: 03/07/2019
Number of Days to Update: 34
Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA SANTA CRUZ: CUPA Facility List
CUPA facility listing.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 90
Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA SHASTA: CUPA Facility List
Cupa Facility List.

Date of Government Version: 06/15/2017
Date Data Arrived at EDR: 06/19/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 51
Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Varies

SOLANO COUNTY:

LUST SOLANO: Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 03/05/2019
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 04/29/2019
Number of Days to Update: 53
Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 06/03/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Quarterly

UST SOLANO: Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 03/05/2019
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 04/03/2019
Number of Days to Update: 27
Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 06/03/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Quarterly

SONOMA COUNTY:

CUPA SONOMA: Cupa Facility List
Cupa Facility list

Date of Government Version: 03/18/2019
Date Data Arrived at EDR: 03/26/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 36

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 06/19/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Varies

LUST SONOMA: Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 04/03/2019
Date Data Arrived at EDR: 04/11/2019
Date Made Active in Reports: 04/30/2019
Number of Days to Update: 19

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 06/19/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA STANISLAUS: CUPA Facility List
Cupa facility list

Date of Government Version: 12/11/2018
Date Data Arrived at EDR: 12/13/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 33

Source: Stanislaus County Department of Ennvironmental Protection
Telephone: 209-525-6751
Last EDR Contact: 04/15/2019
Next Scheduled EDR Contact: 07/29/2019
Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 02/28/2019
Date Data Arrived at EDR: 03/01/2019
Date Made Active in Reports: 04/03/2019
Number of Days to Update: 33

Source: Sutter County Environmental Health Services
Telephone: 530-822-7500
Last EDR Contact: 06/03/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA TEHAMA: CUPA Facility List
Cupa facilities

Date of Government Version: 12/13/2018
Date Data Arrived at EDR: 12/18/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 28

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List
Cupa facility list

Date of Government Version: 01/18/2019
Date Data Arrived at EDR: 01/23/2019
Date Made Active in Reports: 03/06/2019
Number of Days to Update: 42

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 04/22/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

TULARE COUNTY:

CUPA TULARE: CUPA Facility List
Cupa program facilities

Date of Government Version: 12/26/2018
Date Data Arrived at EDR: 12/27/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 19

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 05/06/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Varies

TUOLUMNE COUNTY:

CUPA TUOLUMNE: CUPA Facility List
Cupa facility list

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/25/2018
Date Made Active in Reports: 06/25/2018
Number of Days to Update: 61

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 05/02/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

VENTURA COUNTY:

BWT VENTURA: Business Plan, Hazardous Waste Producers, and Operating Underground Tanks
The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 12/26/2018
Date Data Arrived at EDR: 01/24/2019
Date Made Active in Reports: 02/28/2019
Number of Days to Update: 35

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 04/23/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Quarterly

LF VENTURA: Inventory of Illegal Abandoned and Inactive Sites
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 03/29/2019
Next Scheduled EDR Contact: 07/15/2019
Data Release Frequency: Annually

LUST VENTURA: Listing of Underground Tank Cleanup Sites
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 05/09/2019
Next Scheduled EDR Contact: 08/26/2019
Data Release Frequency: Quarterly

MED WASTE VENTURA: Medical Waste Program List
To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 03/26/2019
Date Data Arrived at EDR: 04/25/2019
Date Made Active in Reports: 05/30/2019
Number of Days to Update: 35
Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 04/23/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Quarterly

UST VENTURA: Underground Tank Closed Sites List
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 02/26/2019
Date Data Arrived at EDR: 03/13/2019
Date Made Active in Reports: 04/03/2019
Number of Days to Update: 21
Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 06/12/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Quarterly

YOLO COUNTY:

UST YOLO: Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 03/29/2019
Date Data Arrived at EDR: 04/05/2019
Date Made Active in Reports: 06/20/2019
Number of Days to Update: 76
Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 03/29/2019
Next Scheduled EDR Contact: 07/15/2019
Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 02/08/2019
Date Data Arrived at EDR: 02/12/2019
Date Made Active in Reports: 03/06/2019
Number of Days to Update: 22
Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 04/25/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 02/11/2019
Date Data Arrived at EDR: 02/12/2019
Date Made Active in Reports: 03/04/2019
Number of Days to Update: 20
Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 05/14/2019
Next Scheduled EDR Contact: 08/26/2019
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 04/10/2019
Next Scheduled EDR Contact: 07/22/2019
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 05/01/2019
Date Made Active in Reports: 06/21/2019
Number of Days to Update: 51

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 05/01/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 10/23/2018
Date Made Active in Reports: 11/27/2018
Number of Days to Update: 35

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 04/15/2019
Next Scheduled EDR Contact: 07/29/2019
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 02/23/2018
Date Made Active in Reports: 04/09/2018
Number of Days to Update: 45

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 05/17/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 06/15/2018
Date Made Active in Reports: 07/09/2018
Number of Days to Update: 24

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 06/10/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: PennWell Corporation
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Electric Power Transmission Line Data
Source: PennWell Corporation
This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

© 2015 TomTom North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

135 141 153 WEST AVENUE 34 3401 3433 PASADENA AVE
135 141 153 WEST AVENUE 34 3401 3433 PASADENA AVE
LOS ANGELES, CA 90031

TARGET PROPERTY COORDINATES

Latitude (North):	34.084751 - 34° 5' 5.10''
Longitude (West):	118.21431 - 118° 12' 51.52''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	387966.9
UTM Y (Meters):	3772023.8
Elevation:	372 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5630795 LOS ANGELES, CA
Version Date:	2012

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

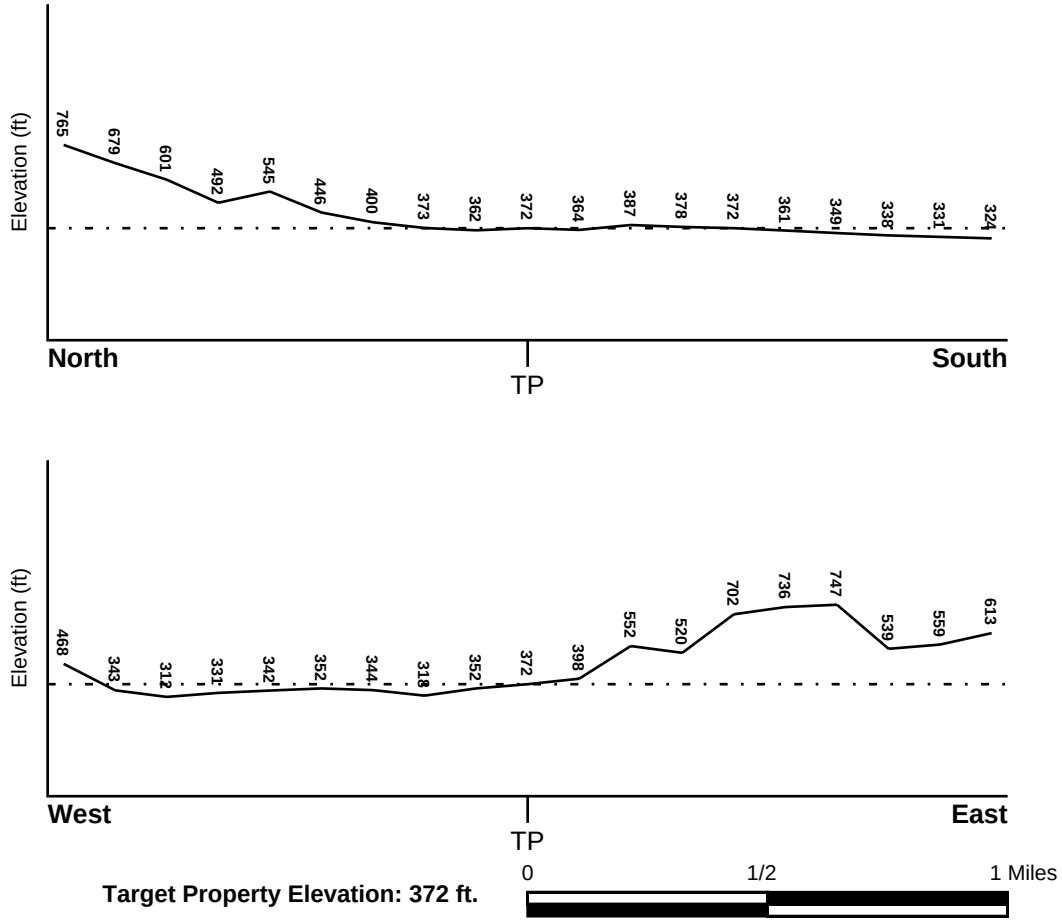
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General West

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
06037C1629F	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
06037C1626F	FEMA FIRM Flood data
06037C1627F	FEMA FIRM Flood data
06037C1628F	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
LOS ANGELES	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
2	1/2 - 1 Mile SSW	Not Reported
1G	1/2 - 1 Mile SSW	Not Reported

For additional site information, refer to Physical Setting Source Map Findings.

* ©1996 Site−specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name:	HAMBRIGHT
Soil Surface Texture:	gravelly - loam
Hydrologic Group:	Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.
Soil Drainage Class:	Well drained. Soils have intermediate water holding capacity. Depth to water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel:	MODERATE
Depth to Bedrock Min:	> 10 inches
Depth to Bedrock Max:	> 20 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	7 inches	gravelly - loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 2.00 Min: 0.60	Max: 7.30 Min: 6.10
2	7 inches	16 inches	very gravelly - loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel. COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel.	Max: 2.00 Min: 0.60	Max: 7.30 Min: 6.10
3	16 inches	20 inches	unweathered bedrock	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: loam
silty clay loam
shaly - clay loam
sandy loam
clay
loamy sand
clay loam

Surficial Soil Types: loam
silty clay loam
shaly - clay loam
sandy loam
clay
loamy sand
clay loam

Shallow Soil Types: silty clay

Deeper Soil Types: weathered bedrock
clay loam

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

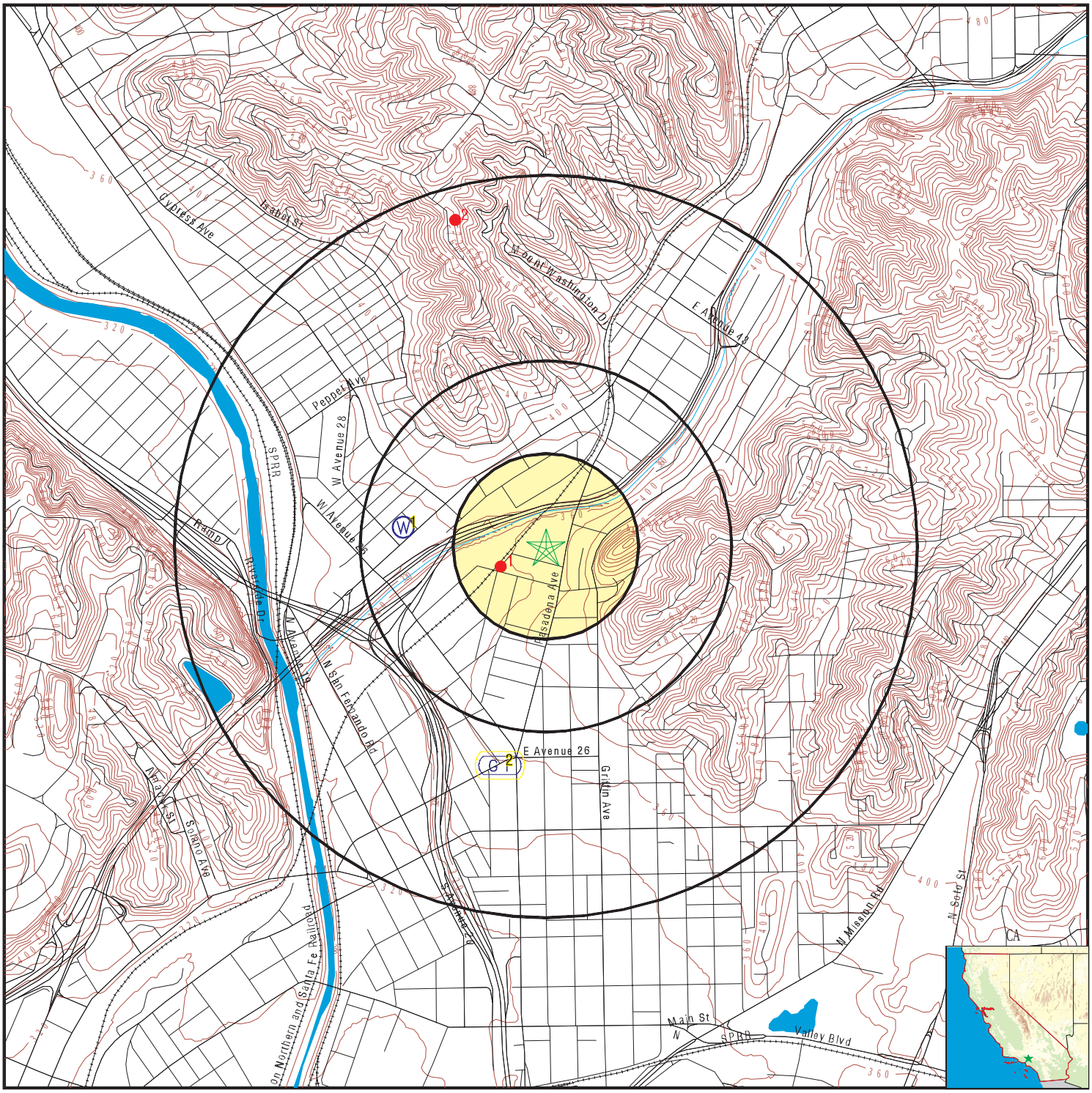
MAP ID	WELL ID	LOCATION FROM TP
1	CADWR8000006696	1/4 - 1/2 Mile West

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	CAOG13000005860	1/8 - 1/4 Mile WSW
2	CAOG13000005469	1/2 - 1 Mile NNW

PHYSICAL SETTING SOURCE MAP - 5694144.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME:	135 141 153 West Avenue 34 3401 3433 Pasadena Ave	CLIENT:	Fulcrum Resources Environmental
ADDRESS:	135 141 153 West Avenue 34 3401 3433 Pasadena Ave Los Angeles CA 90031	CONTACT:	Rose Mireles
LAT/LONG:	34.084751 / 118.21431	INQUIRY #:	5694144.2s
		DATE:	June 24, 2019 2:05 pm

Copyright © 2019 EDR, Inc. © 2015 TomTom Rel. 2015.

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation				Database	EDR ID Number
1 **West** **1/4 - 1/2 Mile** **Lower**				**CA WELLS**	**CADWR8000006696**
State Well #:	01S13W15H001S	Station ID:	49949		
Well Name:	2771I	Well Use:	Observation		
Well Type:	Single Well	Well Depth:	76		
Basin Name:	San Fernando Valley	Well Completion Rpt #:	Not Reported		
2 **SSW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	900570061 Not Reported 8.37 12 Not Reported 08/07/1996		**AQUIFLOW**	**55212**
1G **SSW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	900570061 Not Reported 8.37 12 Not Reported 08/07/1996		**AQUIFLOW**	**55212**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

1
WSW **OIL_GAS** **CAOG13000005860**
1/8 - 1/4 Mile

API #:	0403719045	Well #:	5
Well Status:	Plugged	Well Type:	CH
Operator Name:	Chevron U.S.A. Inc.	Lease Name:	Core Hole
Field Name:	Any Field	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	SPUD Date:	Not Reported

2
NNW **OIL_GAS** **CAOG13000005469**
1/2 - 1 Mile

API #:	0403705778	Well #:	1
Well Status:	Idle	Well Type:	OG
Operator Name:	I. H. Preston	Lease Name:	Grand View
Field Name:	Any Field	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	SPUD Date:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
90031	20	0

Federal EPA Radon Zone for LOS ANGELES County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for LOS ANGELES COUNTY, CA

Number of sites tested: 63

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.711 pCi/L	98%	2%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	0.933 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

California Drinking Water Quality Database
Source: Department of Public Health
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations
Source: Department of Conservation
Telephone: 916-323-1779
Oil and Gas well locations in the state.

California Earthquake Fault Lines
Source: California Division of Mines and Geology
The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

RADON

State Database: CA Radon
Source: Department of Public Health
Telephone: 916-210-8558
Radon Database for California

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

© 2015 TomTom North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

Appendix E

Previous Environmental Reports

COPY

ORSWELL & KASMAN, INC.
Environmental Assessments & Consulting

September 28, 2012

Mr. Robert Gonzales
Citizens Business Bank
1010 East Colorado Boulevard
Pasadena, CA 91106

Re: Phase I Environmental Site Assessment Report

Dear Robert:

Enclosed is our Phase I Environmental Site Assessment Report on the multi-tenant commercial property located at 135, 141 and 153 West Avenue 34 and 3401 and 3433 Pasadena Avenue in Los Angeles. Also enclosed is our invoice for services.

Effective July 1, 2012, the Governor of California terminated the California Registered Environmental Assessors (REA) Program. What does this mean for our clients? Nothing. Orswell & Kasman, Inc. will continue to prepare the same quality reports our customers have been accustomed to receiving. The USEPA and ASTM International have set standards which define the qualifications of environmental professionals. Although there is no longer a California registration program, all of our reports will be prepared by trained environmental assessors and reviewed by an ASTM Qualified Environmental Professional

If you should have any questions concerning any information in the report, please feel free to call me. Thanks again for the opportunity to be of service.

Sincerely,

James Orswell
Environmental Assessor

JO/dm
Enclosures

316 West Foothill Boulevard, Monrovia, CA 91016
(626) 932-1800 Fax (626) 932-1807
www.orswell-kasman.com

PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

SUBJECT PROPERTY:	MULTI-TENANT COMMERCIAL PROPERTY 135, 141 AND 153 WEST AVENUE 34 AND 3401 AND 3433 PASADENA AVENUE LOS ANGELES, CALIFORNIA 90031
REPORT DATE:	SEPTEMBER 28, 2012
CLIENT:	MR. ROBERT GONZALES CITIZENS BUSINESS BANK 1010 EAST COLORADO BOULEVARD PASADENA, CALIFORNIA 91106
PREPARED FOR:	CITIZENS BUSINESS BANK, CDC SMALL BUSINESS FINANCE AND THE U.S. SMALL BUSNIESS ADMINISTRATION

PREPARED BY:

JAMES R. ORSWELL
ENVIRONMENTAL ASSESSOR

REVIEWED BY:

MARTIN A. KASMAN
PROJECT MANAGER

P12260

This report was prepared in conformance to meet or exceed the scope and limitations as set forth by the American Society for Testing & Materials (ASTM) Standard Practice E 1527-05. It is for the express use of the client, and its contents are considered to be privileged and confidential. Acceptance of this report constitutes an agreement by the client to assume full liability for information contained herein. This report is for the sole use and interpretation of the client, and it is not to be reproduced or distributed to outside parties. The information in this report is furnished in good faith and was obtained from sources and databases considered to be reliable; however, the accuracy of the information cannot be guaranteed.

Prepared by
ORSWELL & KASMAN, INC.
316 West Foothill Boulevard ■ Monrovia, CA 91016
(626) 932-1800 ■ FAX (626) 932-1807
www.orswell-kasman.com

TABLE OF CONTENTS

1.0 SUMMARY

2.0 INTRODUCTION
- 2.1 Purpose
- 2.2 Detailed Scope of Services
- 2.3 Significant Assumptions
- 2.4 Limitations and Exceptions
- 2.5 Special Terms and Conditions
- 2.6 User Reliance

3.0 SITE DESCRIPTION
- 3.1 Location and Legal Description
- 3.2 Site and Vicinity General Characteristics
- 3.3 Current Use of Property
- 3.4 Descriptions of Structures, Roads, Other Improvements on the Site
- 3.5 Current Uses of the Adjoining Properties

4.0 USER PROVIDED INFORMATION
- 4.1 Title Records
- 4.2 Environmental Liens or Activity and Use Limitations
- 4.3 Specialized Knowledge
- 4.4 Commonly Known or Reasonably Ascertainable Information
- 4.5 Valuation Reduction for Environmental Issues
- 4.6 Owner, Property Manager, and Occupant Information
- 4.7 Reasons for Performing Phase I Environmental Site Assessment
- 4.8 Other User Provided Information

5.0 RECORDS REVIEW
- 5.1 Standard Environmental Records Sources
- 5.2 Additional Environmental Record Sources
- 5.3 Physical Setting Sources
- 5.4 Historical Use Information on the Property
- 5.5 Historical Use Information on the Adjoining Properties

6.0 SITE RECONNAISSANCE
- 6.1 Methodology and Limiting Conditions
- 6.2 General Site Setting
- 6.3 Subject Property Observations
- 6.4 Adjoining Property Observations

7.0 INTERVIEWS
- 7.1 Interview with Owner
- 7.2 Interview with Site Manager
- 7.3 Interviews with Occupants
- 7.4 Interviews with Local Government Officials
- 7.5 Interview with Others

TABLE OF CONTENTS (continued)

8.0 FINDINGS
- 8.1 Recognized Environmental Conditions
- 8.2 Historical Recognized Environmental Conditions

9.0 OPINION

10.0 CONCLUSIONS

11.0 DEVIATIONS

12.0 ADDITIONAL SERVICES

13.0 REFERENCES

14.0 STATEMENT OF ENVIRONMENTAL PROFESSIONALS

15.0 APPENDICES
- 15.1 Site and Vicinity Map
- 15.2 Site Plan
- 15.3 Site and Vicinity Photographs
- 15.4 Historical Research Documentation
- 15.5 Regulatory Records Documentation
- 15.6 Interview and Research Documentation
- 15.7 Special Contractual Conditions between User and Environmental Professional
- 15.8 Qualifications of the Environmental Professionals

ORSWELL & KASMAN, INC.
PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

MULTI-TENANT COMMERCIAL PROPERTY
135, 141 AND 153 WEST AVENUE 34
3401 AND 3433 PASADENA AVENUE
LOS ANGELES, CALIFORNIA 90031

1.0 SUMMARY

Based on a review of regulatory records, historical site information, and a visual inspection of the subject property and surrounding area, this assessment has revealed no *recognized environmental conditions* or *historical recognized environmental conditions* in connection with the Property, except as follows:

1) The subject property is occupied by multiple tenants. The 3433 Pasadena Avenue building is currently occupied by Warner Brothers Studios, a prop and set design business. The business stores and uses large quantities of water-based paint, and waste paint is generated by the business activities. The hazardous materials and hazardous wastes appear to be properly stored and managed and no significant spills or leaks were observed on the premises; and

2) Eleven offsite locations have been identified as potential risks or threats to the subject property. According to the data, ten of the sites are not located in the near vicinity, and there is no indication that contaminants from these sites have migrated onto the subject property.

   The former Welch's Uniform Facility site (#5 on map), 3505 Pasadena Avenue, is located on the adjacent property to the north, and the business is identified by State of California Environmental Protection Agency (CAL-EPA) Department of Toxic Substances Control (DTSC) as an active hazardous waste site. According to the DTSC CalSite database records, the site was previously occupied by Welch's Uniform and the property was used as a laundry and uniform rental facility over a 70 year period. Environmental studies indicate the soil and groundwater beneath the facility is contaminated with volatile organic compounds including trichloroethene (TCE). In addition, the former Welch's Uniform Rental site is identified by the State of California Regional Water Quality Control Board (RWQCB) as having two open RWQCB Cleanup Program sites. The first case was first opened in December 1987. According to the RWQCB records, the groundwater was contaminated with non-petroleum hydrocarbons, and the site is undergoing verification monitoring. The second case was opened in December 1998 and the site is undergoing an assessment. A review of the City of Los Angeles Fire Department (LAFD) records revealed Welch's Uniform applied for a permit to remove a 2,000-gallon underground diesel fuel tank in 1987. Soil sampling beneath the tank revealed significant Total Petroleum Hydrocarbon as gasoline (TPH-g)

contamination (8,600 ppm). The groundwater beneath the site was determined to be about 35 feet below the ground surface, and the groundwater flows away from the subject property in a west-northwest direction. In February 1988, Welch's Uniform applied for a permit to abandon five underground storage tanks in-place, and in December 1988, Welch's Uniform applied for a permit to remove five additional underground storage tanks. In May 2004, Welch's Uniform applied for a permit to remove one additional 1,000-gallon underground storage tank. Soil sampling beneath the tank did not detect any contamination problems, and on October 26, 2004, the DPW/UGT issued a no further action letter for the closure of the 1,000-gallon underground tank. An inspection of the property revealed the site is currently a vacant lot, and remedial activities were being conducted on the site.

Should it be determined the groundwater beneath the subject property has in fact been impacted by the Former Welch's Uniform Rental site, it is the policy of the State of California and the United States Environmental Protection Agency not to hold property owners responsible for costs to clean up contaminated groundwater beneath their property, unless the owners contributed to the problem. There is no indication from a review of the regulatory records and a site inspection that the subject property has had any problems concerning the storage, usage or disposal of hazardous materials, and it appears the former Welch's Uniform Rental site is in the process of addressing the contamination problem.

Our review of regulatory and historical records, a visual inspection of the site and surrounding area, and interviews with the property owner and the safety manager for Warner Brothers Studios has found no evidence of other *recognized environmental conditions or historical recognized environmental conditions* which are likely to impact the subject property. Although data failure occurred in the historical uses of the Property prior to 1906, it is unlikely the data failure will impact the ability to identify *recognized environmental conditions.* Based on the results of this assessment, no further environmental studies are recommended for the site.

2.0 INTRODUCTION

2.1 Purpose

The purpose of this Phase I Environmental Site Assessment is to determine if any *recognized environmental conditions* or *historical recognized environmental conditions* exist on or near the subject property. As defined by ASTM Standard Practice E 1527-05, a *recognized environmental condition* is the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release into structures on the property or into the ground, groundwater, or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include *de minimis* conditions that generally do not present a material risk of harm to public

health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

The ASTM Standard defines a *historical recognized environmental condition* as a condition which in the past would have been considered a *recognized environmental condition*, but which may or may not be considered a *recognized environmental condition* currently. If a past release of any hazardous substance or petroleum products has occurred in connection with the property and has been remediated, with such remediation accepted by the responsible regulatory agency, this condition shall be considered a *historical recognized environmental condition.*

The ASTM Standard Practice E 1527-05 requires all obvious uses of the Property shall be identified at five year intervals from the present, back to the Property's first developed use, or back to 1940, whichever is earlier, using standard historical sources. Developed use includes agricultural uses or placement of fill dirt. Data failure occurs when these objectives are not met. Our review of standard historical sources include aerial photographs, fire insurance maps, local street directories, and building department or assessor's property records. Our experience in performing Phase I Environmental Site Assessments since 1990 has determined that the other standard historical sources identified in the ASTM Standard Practice E 1527-05 are not reasonably obtainable or likely to be sufficiently useful, accurate, or complete in terms of satisfying the objectives.

2.2 Detailed Scope of Services

This report is based on a preliminary study into the past and current uses of the subject property and the surrounding area. The report includes a visual inspection of the property and adjacent sites, and a review of regulatory agency records, aerial photographs, and other historic record sources. Also included in this report are maps, diagrams, and photographs pertaining to this site.

2.3 Significant Assumptions

The information in this report is furnished in good faith and was obtained from sources and databases considered to be reliable; however, nothing in this report should be construed as a promise or guarantee that the subject property is free of environmental hazards. In many instances, this report relies on regulatory database information provided by federal, state and local governmental agencies. Although the database information used in this report consists of the most recently released records, it may not reflect the actual current status of the case.

2.4 Limitations and Exceptions

This report was prepared in conformance to meet or exceed the scope and practice as set forth by the American Society for Testing & Materials (ASTM) Standard Practice E 1527-05, "Standard Practice of Environmental Site Assessments: Phase I Environmental Site Assessment Process." No tests were conducted, and no samples of air, water, soil or building materials were taken.

This report is limited in nature and should not be construed to be a characterization of environmental regulatory compliance or of any conditions above or below grade. The evaluations in this report are based on information provided by interviews, readily accessible regulatory and historical records and observations made during the site inspection. No independent verification of the information was obtained or performed by Orswell & Kasman, Inc.

Orswell & Kasman, Inc. prepared this report in a competent and professional manner in accordance with sound industry standards, practices and procedures. No warranty is provided regarding the actual site conditions described in this report beyond matters amenable to visual confirmation. We make no representation or warranty regarding the accuracy or reliability of information or documents provided by others and contained within this report.

2.5 Special Terms and Conditions

No special terms or conditions have been incorporated into the preparation of this report. There were also no limiting physical conditions such as rain or lack of electrical power, that had a limiting effect on the site inspection.

2.6 User Reliance

This report is prepared for the express use of the client, and its contents are considered to be privileged and confidential. Acceptance of this report constitutes an agreement by the client to assume full liability for information contained herein. This report is for the sole use and interpretation of the client and it is not be reproduced or distributed to outside parties.

3.0 SITE DESCRIPTION

3.1 Location and Legal Description

The subject property, 135, 141 and 153 West Avenue 34 and 3401 and 3433 Pasadena Avenue, Los Angeles, California, is located at the northwest corner of West Avenue 34 and Pasadena Avenue. The property is described as Los Angeles County Tax Assessor's Parcel Numbers (APNs) 5205-004-003, 5205-004-005, 5205-004-007 and 5205-004-011.

3.2 Site and Vicinity General Characteristics

The site consists of five industrial buildings with paved parking and storage areas, located in a mixed industrial, commercial and residential area of Los Angeles (see site plan).

3.3 Current Use of Property

The subject property is currently occupied by Ortiz Bros. Moving and Storage, Submission Factory, Water Wellness and Warner Brothers Studios. No heavy manufacturing activities take place on the site.

3.4 Descriptions of Structures, Roads, Other Improvements On Site

The subject property is occupied by five single-story light-industrial buildings, which are described as follows:

The 3401 Pasadena Avenue building consists of a single-story wood-frame and brick light-industrial structure which is divided into an office area and a warehouse area.

The 3433 Pasadena Avenue building consists of a single-story wood-frame and concrete-block light-industrial structure which is divided into an office area and a production area.

The 135 West Avenue 34 building consists of a single-story corrugated steel warehouse.

The 141 West Avenue 34 building consists of a large industrial warehouse which is divided into an office area and a warehouse area.

The 153 West Avenue 34 building consists of a single-story brick light-industrial building.

The heating, ventilation and air conditioning (HVAC) systems for the buildings appear to be mounted on the roofs of the three larger buildings and on the side of the 141 Avenue 34 building. No HVAC systems were observed for the smaller buildings located on Avenue 34. There are asphalt and concrete paved parking areas and open storage areas surrounding the buildings. The site and surrounding area are fairly level, and the subject property is connected to the municipal water and sewage systems.

3.5 Current Uses of the Adjoining Properties

North of the subject property is a vacant lot. Pasadena Avenue is to the east, and further east is Hillside Elementary School, an apartment building and several residences. Avenue 34 is to the south, and further south are several residences, three unidentified commercial buildings, a parking lot and two additional commercial buildings which are occupied by VGA Apparel and an unidentified screen printing business. West of the site is a railroad right-of-way and further west is an unidentified industrial building and a large parking lot.

4.0 USER PROVIDED INFORMATION

4.1 Title Records

No recorded land title records were provided by the client for review.

4.2 Environmental Liens or Activity and Use Limitations

The client has not provided any information concerning environmental liens or activity and use limitations.

4.3 Specialized Knowledge

No specialized knowledge of *recognized environmental conditions* or *historical recognized environmental conditions* in connection with the subject property has been provided by the client.

4.4 Commonly Known or Reasonably Ascertainable Information

The client has not provided any commonly known or reasonably ascertainable information within the local community about the subject property that is material to *recognized environmental conditions* in connection with the site.

4.5 Valuation Reduction for Environmental Issues

No information has been provided by the client which indicates the subject property is being sold or purchased at a significantly reduced price due to outstanding environmental issues.

4.6 Owner, Property Manager, and Occupant Information

Information provided by the owner, property manager, and/or occupants of the site are included in this report under Section 7.0, Interviews.

4.7 Reasons for Performing Phase I Environmental Site Assessment

The reasons for performing this Phase I Environmental Site Assessment are to satisfy commercial real estate lending requirements or provide due diligence information concerning the historical uses and current condition of the site.

4.8 Other User Provided Information

A Phase I Environmental Site Assessment Report was completed for the 141 Avenue 34 building by Orswell & Kasman, Inc. on March 2, 2000. The report indicates that the 141 Avenue 34

building was occupied by Studio 34, a film production studio and Select Storage, a storage facility. The report states that small quantities of water-based and oil-based paints were used and stored inside the building and the materials appeared to be properly stored and managed. The report stated that the property owner, Eric Ortiz was interviewed, and Mr. Ortiz stated the production companies are responsible for the disposal of any paint wastes which are generated inside the production areas. He was not aware of any chemical spills or contamination problems with the site. The report concluded that the adjacent property to the north (Welch's Uniforms) was identified as a clean-up site that was addressing the contamination problem, and based on the results of the assessment, no further environmental studies were recommended for the site.

A Phase I Environmental Site Assessment Report was completed on the 135 Avenue 34 and 3401 Pasadena Avenue buildings by Orswell & Kasman, Inc. on August 1, 2005. The report indicates that the buildings were occupied by United Finishing and Laminating, a commercial laminating business. The report states that small quantities of lubricating oil, bio-degradable detergents, glues and gear oil were observed to be used and stored inside the building and the materials appeared to be properly stored and managed. The report stated that the business owner, Pat Moller was interviewed, and Mr. Moller stated the business used and stored small quantities of hazardous materials, which were stored in five-gallon containers inside a fenced compound in the storage yard, and he said no hazardous wastes are generated from the business operations. He was not aware of any chemical spills or contamination problems with the site. The report concluded that the adjacent property to the north (Welch's Uniforms) was identified as a clean-up site that was addressing the contamination problem, and based on the results of the assessment, no further environmental studies were recommended for the site.

5.0 RECORDS REVIEW

5.1 Standard Environmental Records Sources

FEDERAL AGENCY RECORDS

United States Environmental Protection Agency (USEPA)
National Priorities List

The National Priorities List (NPL) identifies abandoned or uncontrolled hazardous waste sites which have been identified as possibly representing a long-term threat to the public health or environment. These sites have been identified as being highly contaminated with hazardous substances and represent the USEPA's target enforcement and cleanup efforts. Studies of individual sites are conducted by the USEPA to determine level of contamination, and the sites are then compared and ranked to other sites on the NPL.

A review of the USEPA National Priorities List dated September 2011 indicates there are no proposed, final or delisted sites within one mile of the subject property.

Phase I Environmental Site Assessment Report
135, 141 and 153 West Avenue 34
3401 and 3433 Pasadena Avenue
September 28, 2012

United States Environmental Protection Agency (USEPA)
Federal Superfund Liens List

The USEPA maintains a list of Superfund Lien sites that have been issued on properties throughout the United States. These sites have been remediated through the expenditures of Superfund monies; the purpose of the lien is to prevent the property owner from gaining a financial benefit from the federal government's cleanup and restoration activities.

A review of the July 2011 Federal Superfund List revealed there are no Superfund Liens on or adjacent to the site.

United States Environmental Protection Agency (USEPA)
Comprehensive Environmental Response, Compensation
and Liability Information System (CERCLIS)

The USEPA has developed a database known as CERCLIS which contains information on potential hazardous waste sites located throughout the United States. There are over 33,000 sites on the CERCLIS inventory. All sites are subjected to a preliminary assessment and thereafter are either placed on the National Priority List (NPL) or are placed in a category for those sites requiring no further Federal Superfund action.

A review of the September 2011 CERCLIS report indicates there are three CERCLIS sites within a ½ mile radius of the subject property:

Kennington Ltd. (ITT Cannon) (#1 on map)
3209 Humboldt Street
Los Angeles, CA 90031

This site investigation was opened in February 1994. According to the records, a preliminary assessment was completed in August 2001, and a site reassessment was completed in May 2006. No further remedial action has been reported for this site.

NI West Incorporated (#2 on map)
3011 Humboldt Street
Los Angeles, CA 90031

This site investigation was opened in January 1993. According to the records, a combined preliminary assessment and site assessment was completed in September 2005. No further remedial action has been reported for this site.

Jaybee Ajax Manufacturing (#3 on map)
301 West Avenue 26
Los Angeles, CA 90031

This site investigation was opened in March 2000. According to the records, a preliminary assessment was started in October 2002 and in July 2007. No further remedial action has been reported for this site.

There is one listed "No Further Required Action Planned" (NFRAP) site identified within a ½ mile radius:

Baron Manufacturing (#4 on map)
241 Avenue 26
Los Angeles, CA 90031

This site investigation was opened in June 1981, and a preliminary assessment was completed in September 1984. The investigation concluded that the facility does not qualify for the NPL and no further required actions are planned for this site.

United States Environmental Protection Agency (USEPA)
Resource Conservation and Recovery Act (RCRA)
Treatment, Storage or Disposal Facilities (TSDF)

The USEPA maintains a list of facilities which have been authorized to receive hazardous waste. These facilities have permits to treat, store, or dispose of the waste, as determined by the RCRA regulations. In addition, the USEPA publishes a list of those facilities who are subject to a corrective action, based on the facilities' waste handling and storage procedures. The facilities which are subject to a corrective action are identified as CORRACTS sites.

A review of the March 2011 RCRA TSDF list determined there are no known CORRACTS facilities within a one mile radius of the subject property. In addition, there are no non-CORRACTS TSD facilities listed within a ½ mile radius.

United States Environmental Protection Agency (USEPA)
Resource Conservation and Recovery Act (RCRA)
Hazardous Waste Generators

The USEPA maintains a list of facilities which are identified as generators of large and small quantities of hazardous waste. These facilities have permits to generate, store and dispose of the waste, as determined by the RCRA regulations.

A review of the March 2011 RCRA Hazardous Waste Generators list determined the subject property (American Caster Corporation, 141 West Avenue 34; Bad Teacher Construction

Warehouse, 3433 Pasadena Avenue) is identified as a small quantity hazardous waste generator. In addition, there are records of a large quantity hazardous waste generator identified on the adjacent property to the north (former Welch's Uniform site, 3505 Pasadena Avenue), and a small quantity hazardous waste generator to the east (Los Angeles Unified School District Hillside Elementary, 120 East Avenue 35),

United States Environmental Protection Agency (USEPA)
Institutional Control / Engineering Control Registries

The USEPA maintains a list of institutional and engineering controls for the purpose of tracking sites that may contain residual contamination or have activity and use limitations. Engineering controls are engineering measures designed to minimize the potential for human exposure to contamination by either limiting direct contact with contaminated areas or controlling migration of contaminants. Institutional controls are non-engineering controls used to restrict land use or land access in order to protect people and the environment from exposure to hazardous substances remaining at the site or facility.

A review of the September 2006 USEPA Institutional Control / Engineering Control Registry did not identify the subject property as having institutional or engineering controls.

United States Environmental Protection Agency (USEPA)
Office of Emergency and Remedial Response
Emergency Response Notification System (ERNS)

The USEPA maintains a list of locations which have reported a release of oil or hazardous substances to the federal government. Most of the data in this system is based on information that was received during the initial notification.

A review of the ERNS list for 1999 determined there are no reported incidents on the subject property.

United States Department of Homeland Security
United States Coast Guard
National Response Center (NRC)

The NRC is the national point of contact for reporting all oil, chemical, radiological, biological and etiological discharges into the environment anywhere in the United States and its territories. In addition to gathering and distributing spill data for Federal On-Scene Coordinators and serving as the communications and operations center for the National Response Team, the NRC maintains agreements with a variety of federal entities to make additional notifications regarding incidents meeting established trigger criteria.

Phase I Environmental Site Assessment Report
135, 141 and 153 West Avenue 34
3401 and 3433 Pasadena Avenue
September 28, 2012

A review of the NRC list for 2012 determined there are no reported incidents on the subject property.

STATE AGENCY RECORDS

State of California
Environmental Protection Agency (CAL-EPA)
Department of Toxic Substances Control (DTSC)

CAL-EPA is responsible for the regulation and enforcement of environmental health laws within the state of California, as set forth by the California Health and Safety Code. CAL-EPA is also designated by the USEPA to assist in enforcing federal environmental laws. CAL-EPA regulates companies involved in the generation, transportation, storage and disposal of hazardous substances. CAL-EPA records include the "CalSites" database, which is a listing of 7,800 known active, inactive and abandoned hazardous waste sites. These sites have previously been reported in the Abandoned Site Program Information System (ASPIS), Bond Expenditure Plan (BEP), and Cortese databases. CAL-EPA records also include a listing of the California Integrated Waste Management Board's "Active" and "Closed and Inactive" landfills database.

A review of the January 2012 CAL-EPA records determined there are six listed "CalSite" facilities within one mile of the subject property:

Kennington (#1 on map)
3209 Humboldt Street
Los Angeles, CA 90031

This site was placed in "Active" status in April 1996. According to the records, the soil is contaminated with polychlorinated biphenyls (PCBs), tetrachloroethylene (PCE), and other chemicals. A site investigation or remediation of the site is currently in progress.

Jaybee Site at Lincoln Heights (#3 on map)
301 West Avenue 26
Los Angeles, CA 90031

This site was placed in "Active" status in April 2004. According to the records, the soil is contaminated with naphthalene, toluene, and other chemicals. A site investigation or remediation of the site is currently in progress.

Phase I Environmental Site Assessment Report
135, 141 and 153 West Avenue 34
3401 and 3433 Pasadena Avenue
September 28, 2012

Former Welch's Uniform Facility (#5 on map)
3505 Pasadena Avenue
Los Angeles, CA 90031

This site was placed in "Active" status in May 2007. According to the records, the soil is contaminated with trichloroethylene (TCE). A site investigation or remediation of the site is currently in progress. According to the records, the site was previously occupied by Welch's Uniform and has been used as a laundry and uniform rental facility over a 70 year period. Environmental studies conducted at the site indicate the soil and groundwater beneath the facility is contaminated with volatile organic compounds including trichloroethene (TCE).

Loreto Street Elementary School Addition (#6 on map)
3408 Arroyo Seco Avenue
Los Angeles, CA 90065

This site was placed in "Inactive - Needs Evaluation" status in September 2006. DTSC has determined that a Preliminary Endangerment Assessment or other evaluation is required.

Victor Industrial Battery (#7 on map)
138 North San Fernando Road
Los Angeles, CA 90031

This site was placed in "Certified Operation and Maintenance – Land Use Restrictions" status in March 1995. According to the records, the soil is potentially contaminated with liquids with PH<=2, acid solution 2>PH with metals, and other chemicals. Properties with Land Use Restrictions have limits on future property uses required by DTSC due to residual levels of contamination or the type of cleanup actions conducted.

National Aircraft Equipment Co. (#8 on map)
275 North Avenue 19
Los Angeles, CA 90031

This site was placed in "Inactive - Needs Evaluation" status in July 2005. DTSC has determined that a Preliminary Endangerment Assessment or other evaluation is required.

There are no active, closed or inactive landfill sites within a ½ mile radius of the subject property.

Phase I Environmental Site Assessment Report
135, 141 and 153 West Avenue 34
3401 and 3433 Pasadena Avenue
September 28, 2012

State of California
Environmental Protection Agency (CAL-EPA)
Department of Toxic Substances Control (DTSC)
Land Use Covenants

CAL-EPA/DTSC utilizes Land Use Covenants (LUCs) to protect the public from unsafe exposures to residual contamination that is left in place after site remediation activities have been completed. The LUC imposes limitations on land use when hazardous materials, wastes, or substances remain on the property at levels which are not suitable for unrestricted use of the land. The LUC includes easements, servitudes, covenants, and restrictions which run with the land and continue into perpetuity unless modified or terminated in accordance with applicable law. All LUCs are signed by the DTSC and the landowner, and recorded in the county where the land is located.

A review of the January 2012 DTSC database records did not identify any deed restrictions on the subject property.

State of California
Water Resources Control Board
Regional Water Quality Control Board (RWQCB)
Land Use Covenants

RWQCB utilizes Land Use Covenants (LUCs) to protect the public from unsafe exposures to residual contamination that is left in place after site remediation activities have been completed. The LUC imposes limitations on land use when hazardous materials, wastes, or substances remain on the property at levels which are not suitable for unrestricted use of the land. The LUC includes easements, servitudes, covenants, and restrictions which run with the land and continue into perpetuity unless modified or terminated in accordance with applicable law. All LUCs are signed by the RWQCB and the landowner, and recorded in the county where the land is located.

A review of the June 2011 RWQCB database records did not identify any deed restrictions on the subject property.

State of California
Water Resources Control Board
Regional Water Quality Control Board (RWQCB)

The RWQCB is responsible for monitoring the quality and flow of groundwater, and they address other potential threats to the groundwater from surface spills and leaks. The RWQCB monitors the contamination problem, the investigation and any remedial action. Their database information includes active and closed Cleanup Program Sites, Land Disposal Sites, Leaking Underground Storage Tank (LUST) Sites, Military Cleanup Sites, Military Privatized Sites,

Military Underground Storage Tank Sites and registered underground storage tank sites (RWQCB sites) within the State of California.

A review of the January 2012 RWQCB records determined the subject property is not listed as a known RWQCB site. According to the records, there is one known open RWQCB LUST site within a ½ mile radius of the subject property:

Chevron Station #9-3707 (#9 on map)
2601 North Figueroa Street
Los Angeles, CA 90065

This site was opened in September 1992. According to the records, the site is identified as an open LUST Cleanup Site that is undergoing a site assessment.

According to the records, there are one active non-LUST RWQCB Cleanup sites adjacent to the subject property:

Former Welch's Uniform Rental Site (#5 on map)
3505 Pasadena Avenue
Los Angeles, CA 90031

This case was first opened in December 1987, and the site is identified as an open Cleanup Program Site that is undergoing verification monitoring. According to the records, the groundwater is contaminated with non-petroleum hydrocarbon. A second case was opened in December 1998. According to the records, the site is identified as an open Cleanup Program Site that is undergoing a site assessment.

There are no records of registered underground storage tanks on the subject property, however, there are historical records of an underground storage tank on the adjacent property to the north (Welch's Uniform Rental Site, 3505 Pasadena Avenue).

5.2 Additional Environmental Record Sources

State of California
Department of Conservation
Division of Mines and Geology (CDMG)

The CDMG conducts studies, publishes maps, and provides information concerning the geological formations throughout the state of California. CDMG research information is combined with information from the United States Geological Survey and the ensuing geologic maps of the state are prepared. These geologic maps also illustrate the approximate locations of known earthquake faults.

A review of the area map published by CDMG indicates the geologic area surrounding the subject property consists of Recent alluvium, which includes alluvial fan, flood-plain, and streambed deposits. The client may wish to refer to the enclosed geologic map.

State of California
Department of Oil
Gas and Geothermal Resources (DOGGR)

The DOGGR regulates the drilling, operation and abandonment of gas and oil wells throughout the state of California. If an active, idle or abandoned well is located on or adjacent to a proposed construction site, DOGGR requires a site plan review prior to issuing a building permit. Abandoned oil wells must meet standards established in 1984.

A review of the area map published by DOGGR indicates there are no producing, idle or abandoned oil wells on or adjacent to the subject property. The client may wish to review the enclosed map.

South Coast Air Quality
Management District (AQMD)

The AQMD is responsible for the development and enforcement of regulations concerning air emissions and airborne hazards from stationary sources in the South Coast Air Basin. AQMD maintains a "Hot Spot" list of facilities whose air emissions pose as a risk to the surrounding community.

A review of the AQMD records determined there are no "Hot Spot" facilities on or adjacent to the subject property.

Los Angeles County
Department of Public Works
Waste Management Division (DPW/WMD)

DPW/WMD maintains maps showing the locations of active, inactive or future solid waste landfill sites in Los Angeles County.

A review of DPW's major waste systems map determined there are two landfill sites within a ½ mile radius of the subject property:

Los Angeles City (Lacy Street) (#10 on map)
400 Avenue 26
Los Angeles, CA 90031

According to the records, this site is listed as an inactive, Class II (municipal waste) landfill.

Phase I Environmental Site Assessment Report
135, 141 and 153 West Avenue 34
3401 and 3433 Pasadena Avenue
September 28, 2012

Unnamed Site (#11 on map)
Avenue 26 and Figueroa Street
Los Angeles, CA 90031

According to the records, this site is listed as an inactive, Class II (municipal waste) landfill.

Los Angeles County
Department of Public Works
Hydraulic/Water Conservation Division (DPW/HWC)

DPW/HWC maintains contour maps and data of the groundwater levels in the Los Angeles County area. The map shows the depth to the aquifer, as well as the approximate flow direction.

A review of this data revealed the site is located at an elevation of approximately 380 feet above sea level, and the closest well is located about ½ mile northwest of the site, at Cypress Avenue and Huron Street. The elevation of the well is 366 feet above sea level, and the groundwater levels are 327 feet above sea level, or 39 feet below the ground surface. Based on the topography of the area, the groundwater flow is expected to be to the west, although this cannot be confirmed due to lack of nearby wells.

Los Angeles County
Fire Department (LACOFD)
Health Hazardous Materials Division

LACOFD maintains inspection and inventory records of companies involved in the storage and use of hazardous materials, petrochemicals, or hazardous waste. LACOFD attempts to maintain a current record of the types of hazardous substances that are utilized or stored at a particular site, and conducts periodic inspections for safety and compliance. In addition, LACOFD maintains records concerning hazardous material sites in Los Angeles County, which are reported to LACOFD by various regulatory agencies. Upon receiving the report, LACOFD monitors the cleanup process on the contaminated site.

According to the LACOFD files, there are no records of hazardous material handlers or hazardous waste generators for the subject or adjacent properties. A review of the Active Mitigation Complaint Control Logs determined there are no listed sites on or adjacent to the subject property.

City of Los Angeles
Fire Department (LAFD)

LAFD maintains inspection and inventory records of companies involved in the storage and use of hazardous materials or petrochemicals. LAFD attempts to maintain a current record of the types of materials that are utilized at a particular site, and conducts periodic inspections for

safety and compliance. LAFD also maintains records on underground storage tanks, issues installation and removal permits, and monitors the contamination cleanup process.

A review of the LAFD files determined there are no records of underground storage tanks or hazardous materials inventories for the subject property.

A review of the LAFD files for 3505 Pasadena Avenue, which is the adjacent property to the north, revealed the site was previously occupied by Welch's Uniform. In 1987, Welch's Uniform applied for a permit to remove a 2,000-gallon underground diesel fuel tank. Soil sampling beneath the tank revealed significant Total Petroleum Hydrocarbon as gasoline (TPH-g) contamination (8,600 ppm). The groundwater beneath the site was determined to be about 35 feet below the ground surface, and the groundwater flows away from the subject property in a west-northwest direction. In February 1988, Welch's Uniform applied for a permit to abandon five underground storage tanks in-place, and in December 1988, Welch's Uniform applied for a permit to remove five additional underground storage tanks. In May 2004, Welch's Uniform applied for a permit to remove one additional 1,000-gallon underground storage tank. Soil sampling beneath the tank did not detect any contamination problems, and on October 26, 2004, the DPW/UGT issued a no further action letter for the closure of the 1,000-gallon underground tank.

5.3 Physical Setting Sources

A United States Geological Survey (USGS) 7.5 Minute Topographical map of the subject property and surrounding area is included in the appendices of the report. The map shows the locations of the identified offsite environmental risks or threats described in the report.

5.4 Historical Use Information on the Property

City of Los Angeles
Building Department

A review of the building records for the subject property located the following records:

Date	Activity	Owner
	135 Avenue 34	
01/23	Reroof building	East/Northeast Economic Dev. Corp.
	137 Avenue 34	
01/23	Move residence from 2639 Lacy Bel Avenue	Charles Mattingly
04/61	Demolish dwelling	Cannon Electric Co.

Phase I Environmental Site Assessment Report
135, 141 and 153 West Avenue 34
3401 and 3433 Pasadena Avenue
September 28, 2012

Date	Activity	Owner
	137½ Avenue 34	
01/23	Move residence from 2641 Lacy Bel Avenue	Charles Mattingly
04/61	Demolish dwelling	Cannon Electric Co.
	139 Avenue 34	
01/23	Move residence from 2643 Lacy Bel Avenue	Charles Mattingly
04/61	Demolish dwelling	Cannon Electric Co.
	141 Avenue 34	
07/16	Add two rooms to residence	Chas Fishback
07/16	Construct garage	Chas Fishback
02/28	Add two bedrooms to house	Felipe Villarreal
07/53	Construct garage	Joseph Gomez
08/56	Demolish building	Teal House Wreckers
08/74	Demolish storage building	East/Northeast Economic Dev. Corp.
	141-149 Avenue 34	
09/56	Construct parking lot	Cannon Electric Co.
04/77	Grade for building site	Los Angeles Economic Dev. Corp.
04/77	Encroach into 169 Ave. 34 & 3505 Pasadena Ave.	Los Angeles Economic Dev. Corp.
07/77	Construct foundation only for factory	Los Angeles Economic Dev. Corp.
08/77	Construct light manufacturing building	Los Angeles Economic Dev. Corp.
11/77	Add office partitions	Los Angeles Economic Dev. Corp.
12/77	Add storage tank for plastic pellets	Los Angeles Growing Corp.
	143 Avenue 34	
08/06	Construct dwelling	F.H. Small
08/56	Demolish building	Teal House Wreckers
08/74	Demolish storage building	East/Northeast Economic Dev. Corp.
	145 Avenue 34	
08/06	Construct dwelling	F.H. Small
08/56	Demolish building	Teal House Wreckers
08/74	Demolish storage building	East/Northeast Economic Dev. Corp.
	147 Avenue 34	
08/06	Construct dwelling	F.H. Small
08/56	Demolish building	Teal House Wreckers
08/74	Demolish storage building	East/Northeast Economic Dev. Corp.

Phase I Environmental Site Assessment Report
135, 141 and 153 West Avenue 34
3401 and 3433 Pasadena Avenue
September 28, 2012

Date	Activity	Owner
	149 Avenue 34	
08/06	Construct dwelling	F.H. Small
08/56	Demolish building	Teal House Wreckers
08/74	Demolish storage building	East/Northeast Economic Dev. Corp.
	151 Avenue 34	
08/74	Demolish storage building	East/Northeast Economic Dev. Corp.
	153 Avenue 34	
10/29	Construct factory	Frank Mark
08/05	Alter roof on dwelling	George Harris
03/66	Parapet corrections	M. Guillermo
12/00	Full compliance with division 88	Guillermo
	3407 Pasadena Avenue	
4/25	Construct private garage	John Murphy
--/45	Move building to 1037 North Avenue 63	Anne Bremer
06/45	Move garage to 123 West Avenue 34	Cubbison Bakery
08/46	Construct baking supply storage building	Cubbison Bakery
	3409 Pasadena Avenue	
08/12	Construct shed	John Murphy
02/23	Addition to residence	John Murphy
11/41	Add concrete floor for rat proofing	Cubbison Cracker Co.
	3411 Pasadena Avenue	
12/10	Construct shed	John Murphy
09/11	Construct shed	John Murphy
08/14	Rebuild porch on residence	John Murphy
09/36	Construct truck shelter	Sophie Cubbison
12/36	Construct storage building	Sophie Cubbison
09/40	Move residence to 9815 Telfair Avenue	L. Simon
04/54	Reroof shed and loading dock with metal roof	Cubbison's Bakery
	3413 Pasadena Avenue	
06/41	Add 30' x 96' to bakery	Cubbison Cracker Co.
	3415 Pasadena Avenue	
07/87	Reroof building	Illig Construction Co.
	3415-3419 Pasadena Avenue	
07/65	Parapet correction	Crocker Citizen Bank Trust Dept.
03/87	Full compliance with Division 88	Illig Investment Co.

Phase I Environmental Site Assessment Report
135, 141 and 153 West Avenue 34
3401 and 3433 Pasadena Avenue
September 28, 2012

Date	Activity	Owner
	3419 Pasadena Avenue	
09/25	Addition to bakery	Cubbison Bakery
09/25	Demolish old building	Cubbison Bakery
11/25	Construct private garage	Cubbison Bakery
06/28	Enlarge building	C.H. Cubbison
06/28	Remove brick and wood building	C.H. Cubbison
08/28	Add mezzanine	C.H. Cubbison
03/47	Add mezzanine	Cubbison Cracker Co.
04/55	Add toilets	Cubbison Cracker Co.
07/56	Interior partitions	Canon Electric Co., Lessee
	3421 Pasadena Avenue	
01/08	Construct residence	Mary Lawson
05/14	Add gas outlets	May Lawson
01/17	Add room to rear of house	James Smith
10/61	Demolish residence	Cannon Electric Co.
	3421-3423 Pasadena Avenue	
10/12	Repair residence	Jerry Hickey
	3423 Pasadena Avenue	
10/12	Construct residence	Mary Lawson
01/24	Construct real estate office	Catherine L. Condra
10/61	Demolish residence	Cannon Electric Co.
	3425 Pasadena Avenue	
07/51	Demolish residence	Stran Steel Products Co.
07/67	Prepare building site	Smith Mailer Co.
07/67	Construct industrial building	Smith Mailer Co.
08/67	Remove and re-compact loose fill soil	Smith Mailer Co.
08/67	Add 20'x85' to manufactured building	Smith Mailer Co.
	3429 Pasadena Avenue	
11/12	Add chimney to residence	Mrs. Zonberg
07/51	Demolish residence	Stran Steel Co.
	3431 Pasadena Avenue	
06/11	Add 6' to back porch	A. Fornberg
12/12	Build outside chimney	A. Fornberg
07/51	Demolish residence	Stran Steel Co.

Phase I Environmental Site Assessment Report
135, 141 and 153 West Avenue 34
3401 and 3433 Pasadena Avenue
September 28, 2012

Date	Activity	Owner
	3433 Pasadena Avenue	
01/74	Add 26'x96' metal carport	Smith Mailer Co.
	3437 Pasadena Avenue	
04/06	Construct cow barn	Mrs. Sherman Smith
01/37	Construct private garage	William G. Short
09/38	General repairs	H.H. Moser
08/56	Demolish residence	Teal House Wreckers

No other building or demolition permits were on file for the subject property.

County of Los Angeles
Assessor's Office

A review of the Assessor's records for the subject property determined that the light industrial building located at 3401 Pasadena Avenue was constructed in 1948. In addition, the light industrial building located at 3433 Pasadena Avenue was constructed in 1967, the warehouse located at 135 West Avenue 34 was constructed in the early 1940's, the warehouse located at 141 West Avenue 34 was constructed in 1977, and the commercial building located at 153 West Avenue 34 was constructed in 1929. The current property owner is identified as ED 1125 LLC.

Historical Aerial Photographs

A review of historical aerial photographs of the subject property determined the following information:

Date of Photo	Description
May 1938	The subject property is occupied by two industrial buildings, several residences and an open storage yard.
July 1948	The subject property is occupied by nine industrial buildings, several residences and an open storage yard.
August 1952	The subject property appears to be about the same as the 1948 photograph.
July 1964	The subject property is occupied by nine industrial buildings, two residences, several vacant lots and parking areas.
October 1972	The subject property is occupied by ten industrial buildings, open storage areas and parking areas.

Date of Photo	Description
October 1980	The subject property is occupied by the five existing industrial building buildings.
August 1989	The subject property appears to be about the same as the 1980 photograph.
May 1994	The subject property is occupied by the five existing industrial buildings.
March 1997	The subject property appears to be about the same as the 1994 photograph.
June 2002	The subject property is occupied by the five existing industrial buildings.
March 2011	The subject property appears to be about the same as the 2002 photograph.

Historic Sanborn Fire Insurance Maps

Sanborn Fire Insurance Maps provide information on commercial and industrial properties, based on risk data gathered for the fire insurance companies. The maps show the number of buildings located on the property, and the type of construction. The maps also describe the various businesses located nearby, and show the locations of tanks, boilers, and other potential hazards.

A review of the Sanborn Fire Insurance Map collections from 1867-1970, located three maps for the subject property:

Date of Map	Description
1906	The subject property is occupied by 16 residences, 10 sheds, two barns and a small bakery.
1920	The subject property is occupied by 21 residences, nine sheds, seven garages, a bakery and portions of the Los Angeles Rock and Gravel Co., which consisted of eight buildings which were used as oil houses, greases houses, a tool house, an office and an auto repair canopy.
1951	The subject property is occupied by 22 residences, eight garages, a bakery and 10 commercial buildings which were used for offices, warehousing, storage and as workshops.

Historic City Directory Search

City Directories provide information on residential, commercial and industrial properties, and list the business name and address. A review of the historic directories provides an overview of the current and previous occupants of the site.

A search of the Haines Criss Cross City Directories, dated 1972-2009, determined the subject property has been previously occupied by Smith Mailer Inc. (1972-1987), GT Price Products (1972), Alta Canada Corp. (1987), American Bearing (1987), Laramada Corp. (1987), Lorac Financial Services (1987), Metal Service Corp. (1987), American Caster Corp. (1987-1992), Ann Mar Inc. (1987), Empire Button Co. (1987), William Pile Printing (1987-1992) and Bob Baker Productions (1992).

A review of the building permit records, historical aerial photographs, Sanborn fire insurance maps, assessor records and historic city directories determined the 153 Avenue 34 building was constructed over 83 years ago and the site was previously occupied by residences. The 141 Avenue building was constructed in 1977, and the site was previously occupied by portions of the Los Angeles Rock and Gravel Co., which included structures used for auto repair and two oil houses. The 141 Avenue 34 building was previously occupied by The Steel Framing and Building Corporation, several light-industrial buildings and several residences. The 135 Avenue 34 building was constructed over 62 years ago and the site was previously occupied by residences. The 3401 Pasadena Avenue was constructed in 1948, and the site was previously occupied by another commercial building and residences. The 3433 Pasadena Avenue building was constructed in 1967 and the site was previously occupied by several residences. The city directory listings indicate the subject property was previously occupied by metal work and printing businesses.

5.5 Historical Use Information on the Adjoining Properties

Historical Aerial Photographs

A review of historical aerial photographs of the adjoining properties determined the following information:

Date of Photo	Description
May 1938	North of the subject property is a large industrial facility with several industrial buildings. To the east is Pasadena Avenue, and further east is a commercial building and several residences. To the south is Avenue 34, and further south is a commercial building and several residences. To the west is a railroad right-of-way, and further west is an industrial facility with several light-industrial buildings.
July 1948	North of the subject property is a large industrial facility with several industrial buildings. To the east is Pasadena Avenue, and further east is a commercial building and several residences. To the south is Avenue 34, and further south is a commercial building and several residences. To the west is a railroad right-of-way, and further west is an industrial facility with several light-industrial buildings.

Phase I Environmental Site Assessment Report
135, 141 and 153 West Avenue 34
3401 and 3433 Pasadena Avenue
September 28, 2012

Date of Photo	Description
August 1952	The surrounding properties appear to be about the same as the 1948 photograph.
July 1964	North of the subject property is a large industrial facility with several industrial buildings. To the east is Pasadena Avenue, and further east is a commercial building and several residences. To the south is Avenue 34, and further south is a commercial building, several residences and a large parking lot. To the west is a railroad right-of-way, and further west is an industrial facility with several light-industrial buildings.
October 1972	North of the subject property is a large industrial facility with several industrial buildings. To the east is Pasadena Avenue, and further east are several commercial buildings and several residences. To the south is Avenue 34, and further south is a commercial building, several residences and a large parking lot. To the west is a railroad right-of-way, and further west is an open storage yard.
October 1980	The surrounding properties appear to be about the same as the 1972 photograph.
August 1989	North of the subject property is a large industrial facility with several industrial buildings. To the east is Pasadena Avenue, and further east are several commercial buildings and several residences. To the south is Avenue 34, and further south are several commercial buildings, several residences and a large parking lot. To the west is a railroad right-of-way, and further west is a vacant lot.
May 1994	North of the subject property is a vacant lot. To the east is Pasadena Avenue, and further east are several commercial buildings and several residences. To the south is Avenue 34, and further south are several commercial buildings, several residences and a large parking lot. To the west is a railroad right-of-way, and further west is a vacant lot.
March 1997	The surrounding properties appear to be about the same as the 1994 photograph.
June 2002	North of the subject property is a vacant lot. To the east is Pasadena Avenue, and further east are several commercial buildings and several residences. To the south is Avenue 34, and further south are several commercial buildings, several residences and a large parking lot. To the west is a railroad right-of-way, and further west is a parking lot.

Date of Photo	Description
March 2011	North of the subject property is a vacant lot. To the east is Pasadena Avenue, and further east are several commercial buildings and several residences. To the south is Avenue 34, and further south are several commercial buildings, several residences and a large parking lot. To the west is a railroad right-of-way, and further west is an industrial building and a parking lot.

Historic Sanborn Fire Insurance Maps

Sanborn Fire Insurance Maps provide information on commercial and industrial properties, based on risk data gathered for the fire insurance companies. The maps show the number of buildings located on the property, and the type of construction. The maps also describe the various businesses located nearby, and show the locations of tanks, boilers, and other potential hazards.

A review of the Sanborn Fire Insurance Map collections from 1867-1970, located three maps for the area surrounding the subject property:

Date of Map	Description
1906	The property to the north is occupied by six residences, a barn and three sheds. Pasadena Avenue is to the east and there is no map coverage available for the property east of Pasadena Avenue. South of the subject property is Avenue 34 and further south are two stores, 12 residences, nine sheds, a barn and a fruit packing building. West of the subject property is a railroad right-of-way and further west is vacant land and the Arroyo Seco wash.
1920	The property to the north is occupied by several residences, garages and sheds, and further north is a large industrial facility which is occupied by Pacific Laundry. Pasadena Avenue is east and further east are several residences, garages and sheds. South of the subject property is Avenue 34 and further south are several residences, garages, sheds and a fuel storage area. West is of the subject property is a railroad right-of-way and further west is vacant land and the Arroyo Seco wash.

Date of Map	Description
1951	The property to the north is occupied by several residences, garages and sheds and further north is a large industrial facility which is occupied by Welch's Uniform and Overall Cleaning Co. A dry-cleaning building is located within the Welch's Facility. Pasadena Avenue is to the east and further east are several residences, garages, sheds and Hillside Elementary School. South of the subject property is Avenue 34 and further south are two stores, several residences, garages, sheds and a scrap metal storage yard. West of the subject property is a railroad right-of-way and further west is a lumber yard which is occupied by Alliance Lumber and Investment Co.

Historic City Directory Search

City Directories provide information on residential, commercial and industrial properties, and list the business name and address. A review of the historic directories provides an overview of the current and previous occupants of the adjoining properties.

A search of the Haines Criss Cross City Directories, dated 1972-2009, found no listings for the adjacent property to the north. The property east of Pasadena Avenue has been previously occupied by Hillside Elementary School (1972-2009) and residences (1972-2009). The property south of Avenue 34 has been occupied by residences (1972-2009), Ishizaki Studios (1987), Argus Tool Manufacturing (1987), Smart Saver (1987-1992), Pasadena Avenue Market (1987-1992), AAA Fashions (1992), Tere's Fashions (1992-2009), Allied Die Cutting (1992), Three Star Refrigeration (1992), ACW Apparel Inc. (2009) and Water Land Inc. (2009). No listings were found for the adjacent property to the west

A review of historical aerial photographs, Sanborn fire insurance maps and historic city directories determined the adjacent property to the north has been vacant land for over 18 years and the site was previously occupied by Welch's Uniform and Overall Cleaning Co. The apartment complex east of Pasadena Avenue was constructed in the early 1970's and the site was previously occupied by residences. The Hillside Elementary School and residences east of Pasadena Avenue were constructed over 74 years ago and the school property was previously occupied by residences. The commercial buildings south of Avenue 34 were constructed over 40 years ago and the sites were previously occupied by residences. The residences south of Avenue 34 were constructed over 74 years ago. The industrial building west of the railroad right-of-way was constructed within the past ten years and the site was previously occupied by a large parking lot and open storage yard. Prior to the development of the storage yard and parking lot, the property west of the railroad right-of-way was occupied by Alliance Lumber and Investment Co. The city directory listings identified the surrounding properties have been occupied by manufacturing and metal work businesses.

6.0 SITE RECONNAISSANCE

6.1 Methodology and Limiting Conditions

The site reconnaissance consisted of a walk through the entire property, and visually observing the structures, storage areas, and parking lots. No inspection was conducted under floors, above ceilings, or behind walls.

6.2 General Site Setting

The site consists of five industrial buildings with paved parking and storage areas, located in a mixed industrial, commercial and residential area of Los Angeles (see site plan).

6.3 Subject Property Observations

On September 19, 2012, an inspection of the subject property and surrounding area was conducted by Environmental Assessor James Robert Orswell. The subject property is occupied by five single-story industrial buildings, described as follows:

The 3401 Pasadena Avenue building consists of a single-story wood-frame and brick light-industrial structure (see photos #1 and #2) which is occupied by the Water Wellness Center, a business office, and Warner Brothers Studios, a warehouse television props. The building is divided into an office area and a warehouse area. Inside, the building has an open wood beam and an exposed concrete floor (see photos #3 and #4). A storage mezzanine is located above the offices and is accessed via a stairwell. There is no elevator in the building. The heating, ventilation and air conditioning (HVAC) system for the building appears to be mounted on the roof.

The 3433 Pasadena Avenue building consists of a single-story wood-frame and concrete-block light-industrial structure (see photo # 5) which is occupied by the Warner Brothers Studios prop department. The building is divided into an office area and a production area. Inside, the office ceilings are covered with suspended-grid acoustic tile and the floors are covered with vinyl tile (see photo #6). The production area has open wood beam ceilings and the floors are exposed concrete. Large quantities of water-based paint are stored and used inside the production area (see photo #7). No significant spills or leaks were observed on the production area floors. A sign on the exterior of the building indicates the building has previously been occupied by a die and metal stamping business. The HVAC system for the building appears to be mounted on the roof.

The 135 West Avenue 34 building consists of a single-story corrugated steel warehouse (see photo #8). A sign on the exterior of the building indicates the structure is occupied by the Submission Factory, a gym. The business was closed and the interior of the building was not available for inspection. No HVAC system was observed for the building.

The 141 West Avenue 34 building consists of a single-story concrete tilt-up, wood frame and brick warehouse (see photo # 9) which is occupied by Ortiz Bros. Moving and Storage. The building is divided into an office area and a warehouse area. Inside, the office ceilings are covered with suspended-grid acoustic tile and the floors are covered with vinyl tile or carpeting (see photo #10). The warehouse has an open wood beam ceiling and an exposed concrete floor (see photos #11 and #12). The warehouse area is used to store customers' personal belongings, and no hazardous materials were observed to be stored inside the warehouse area. There are several loading docks on the east side of the building. The HVAC system for the building appears to be mounted on the roof and side of the building.

The 153 West Avenue 34 building consists of a single-story brick commercial structure (see photo #13). The building was locked and access to the interior of the building was not available for inspection. No HVAC system was observed for the building.

Outside, between the buildings are paved parking and open storage areas (see photo #14). On the west side of the subject property, there is another large paved open storage area (see photo #15). Portions of the parking and storage areas were inaccessible for inspection due to the cluttered storage of large crates, trucks, miscellaneous objects and cars (see photo #16). Several roll-off storage containers were stored at the site, and access to the containers was unavailable at the time of inspection. Commercial trash bins are located in the paved parking and storage areas (see photo #17), and no signs of improper solid waste disposal were observed. The electrical power in the area is supplied by overhead utility lines which bisect the subject property (see photo #18) and also runs along Avenue 34. A ground-mounted electrical transformer is located on the west side of the 141 Avenue 34 building, and no signs were observed on the transformer indicating the presence of polychlorinated biphenyls (PCBs). No signs of illegal dumping or distressed vegetation were observed on the property. There was no evidence of underground storage tanks, septic tanks or monitoring wells on the property, and there was no indication of obvious contamination on the site.

6.4 Adjoining Property Observations

Northern Border

North of the subject property is a vacant lot (see photo #19). The property is identified by the State of California Environmental Protection Agency (CAL-EPA) Department of Toxic Substances Control (DTSC) as an active hazardous waste site and by the State of California Regional Water Quality Control Board (RWQCB) as having two open RWQCB Cleanup Program sites, and it appears that the property is in the process of undergoing remediation.

Eastern Border

East of the subject property is Pasadena Avenue, and further east is Hillside Elementary School, an apartment complex (see photo #20) and several residences. There were no visible signs of spills or contamination on the adjacent properties.

Southern Border

South of the subject property is Avenue 34. Located at the western terminus of Avenue 34, there were two groundwater monitoring wells (see photo #21). The wells were installed to monitor the groundwater contamination in the area from the former Welch's Uniform facility located further north. South of Avenue 34 are several residences (see photo #22), a parking lot and five commercial buildings which are occupied by VGA Apparel and several other unidentified tenants (see photo #23). There were no visible signs of spills or contamination on the adjacent properties.

Western Border

West of the subject property is a railroad right-of-way, and further west is an unidentified industrial building and a large parking lot (see photo #24). There were no visible signs of spills or contamination on the adjacent properties.

7.0 INTERVIEWS

7.1 Interview with Owner

Mr. Eric Ortiz, the property owner and owner of Ortiz Bros. Moving and Storage, advised he purchased the subject property in 2000, and he has occupied the site since 1993. He stated the buildings have been used for distribution and warehousing purposes. He said his business stores customers' personal items, and no hazardous materials are allowed to be stored inside the 141 Avenue 34 building. Mr. Ortiz advised the site has a closed and abandoned wastewater clarifier located on the west side of the 141 Avenue 34 building. Mr. Ortiz said the 135 Avenue 34 building is occupied by The Submission Factory, a gym and he is unaware of any hazardous materials being stored inside the building. In addition, Mr. Ortiz stated the 153 Avenue 34 building is used for storage of water, and no large quantities of hazardous materials are used or stored in the building. Mr. Ortiz said the property to the north was previously occupied by Welch's Uniform and the State of California has been conducting activities at the site for over a decade. Mr. Ortiz said he is unaware of the two groundwater monitoring wells located near the southwest corner of the site. Mr. Ortiz advised to the best of his knowledge, there are no underground storage tanks, septic tanks or wells on the site, and he is not aware of any other chemical spills or contamination problems.

7.2 Interview with Site Manager

Mr. Ortiz is the property manager (see Section 7.1 - Interview with Owner).

7.3 Interviews with Occupants

The unidentified safety manager for Warner Brothers Studios provided Orswell & Kasman, Inc with a copy of the hazardous materials handler permit for the small quantities of water-based paint stored and used within the 3433 Pasadena Avenue building. The safety manager stated that hazardous wastes in the form of waste paint are generated by the business activities and the wastes are collected by Rinco Environmental Services. The safety manager stated he is unaware of any contamination problems at the 3433 Pasadena Avenue building.

7.4 Interviews with Local Government Officials

No interviews with local government officials were conducted.

7.5 Interview with Others

No interviews with other people were conducted concerning the subject property.

8.0 FINDINGS

8.1 Recognized Environmental Conditions

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Standard Practice E 1527-05 on the multi-tenant commercial property located at 135, 141 and 153 West Avenue 34 and 3401 and 3433 Pasadena Avenue, Los Angeles, California, the Property. Any exceptions to, or deletions from the Standard Practice are described in Section 2.4 of this report. This assessment has revealed no evidence of *recognized environmental conditions* in connection with the Property, except as follows:

1) The subject property is occupied by multiple tenants. The 3433 Pasadena Avenue building is currently occupied by Warner Brothers Studios, a prop and set design business. The business stores and uses large quantities of water-based paint, and waste paint is generated by the business activities. The hazardous materials and hazardous wastes appear to be properly stored and managed and no significant spills or leaks were observed on the premises; and

2) Eleven offsite locations have been identified as potential risks or threats to the subject property. According to the data, ten of the sites are not located in the near vicinity, and there is no indication that contaminants from these sites have migrated onto the subject property.

The former Welch's Uniform Facility site (#5 on map), 3505 Pasadena Avenue, is located on the adjacent property to the north, and the business is identified by State of California Environmental Protection Agency (CAL-EPA) Department of Toxic Substances Control (DTSC) as an active hazardous waste site. According to the DTSC CalSite database records, the site was previously occupied by Welch's Uniform and the property was used as a laundry and uniform rental facility over a 70 year period. Environmental studies indicate the soil and groundwater beneath the facility is contaminated with volatile organic compounds including trichloroethene (TCE). In addition, the former Welch's Uniform Rental site is identified by the State of California Regional Water Quality Control Board (RWQCB) as having two open RWQCB Cleanup Program sites. The first case was first opened in December 1987. According to the RWQCB records, the groundwater was contaminated with non-petroleum hydrocarbons, and the site is undergoing verification monitoring. The second case was opened in December 1998 and the site is undergoing an assessment. A review of the City of Los Angeles Fire Department (LAFD) records revealed Welch's Uniform applied for a permit to remove a 2,000-gallon underground diesel fuel tank in 1987. Soil sampling beneath the tank revealed significant Total Petroleum Hydrocarbon as gasoline (TPH-g) contamination (8,600 ppm). The groundwater beneath the site was determined to be about 35 feet below the ground surface, and the groundwater flows away from the subject property in a west-northwest direction. In February 1988, Welch's Uniform applied for a permit to abandon five underground storage tanks in-place, and in December 1988, Welch's Uniform applied for a permit to remove five additional underground storage tanks. In May 2004, Welch's Uniform applied for a permit to remove one additional 1,000-gallon underground storage tank. Soil sampling beneath the tank did not detect any contamination problems, and on October 26, 2004, the DPW/UGT issued a no further action letter for the closure of the 1,000-gallon underground tank. An inspection of the property revealed the site is currently a vacant lot, and remedial activities were being conducted on the site.

8.2 Historical Recognized Environmental Conditions

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Standard Practice E 1527-05 on the multi-tenant commercial property located at 135, 141 and 153 West Avenue 34 and 3401 and 3433 Pasadena Avenue, Los Angeles, California, the Property. Any exceptions to, or deletions from the Standard Practice are described in Section 2.4 of this report. This assessment has revealed no evidence of *historical recognized environmental conditions* in connection with the Property.

9.0 OPINION

Should it be determined the groundwater beneath the subject property has in fact been impacted by the Former Welch's Uniform Rental site, it is the policy of the State of California and the United States Environmental Protection Agency not to hold property owners responsible for

costs to clean up contaminated groundwater beneath their property, unless the owners contributed to the problem. There is no indication from a review of the regulatory records and a site inspection that the subject property has had any problems concerning the storage, usage or disposal of hazardous materials, and it appears the former Welch's Uniform Rental site is in the process of addressing the contamination problem.

Based on a review of regulatory and historical records, and interviews with the property owner and the safety manager for Warner Brothers Studios, and a visual inspection of the site and surrounding area, this assessment has found no evidence of *recognized environmental conditions or historical recognized environmental conditions* which are likely to impact the subject property. Although data failure occurred in the historical uses of the Property prior to 1906, it is unlikely the data failure will impact the ability to identify *recognized environmental conditions.*

10.0 CONCLUSIONS

Based on the results of this assessment, no further environmental studies are recommended for the site.

11.0 DEVIATIONS

This report was prepared in conformance to meet or exceed the scope and practice as set forth by the American Society for Testing & Materials (ASTM) Standard Practice E 1527-05, "Standard Practice of Environmental Site Assessments: Phase I Environmental Site Assessment Process." No significant deviations, deletions, or client-imposed constraints were made from this practice.

12.0 ADDITIONAL SERVICES

No additional services including a broader scope of services, liability/risk evaluations, or remedial activities are included in this report.

13.0 REFERENCES

All government records and maps were obtained directly from the regulatory agencies identified in this report. The fire insurance map information was obtained from Digital Sanborn Maps, 1867-1970, Ann Arbor, Michigan. The aerial photographs were obtained from BBL Consultants, Solana Beach, California; the United States Geological Survey, Menlo Park, California; or the United States Department of Agriculture, Salt Lake City, Utah. The city directory search information was obtained from Sherman Library and Gardens, Corona Del Mar, California.

14.0 STATEMENT OF ENVIRONMENTAL PROFESSIONALS

We declare that, to the best of our professional knowledge and belief, we meet the definition of *Environmental Professionals* as defined in §312.10 of 40 CFR 312. We have the specific

qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed the all appropriate inquires in conformance with the standards and practices set forth in 40 CFR Part 312. The individual qualifications of these professionals are included in the appendices of this report.

15.0 APPENDICES

15.1 Site and Vicinity Map

A United States Geological Survey (USGS) 7.5 Minute Topographical map of the subject property and surrounding area is included in the appendices of the report. The map shows the locations of the identified offsite environmental risks or threats described in the report.

15.2 Site Plan

A site plan of the subject property is included in the appendices of the report. The site plan shows the general location of the structures on the property, and other items of interest which were identified in the description of the site.

15.3 Site and Vicinity Photographs

Photographs of the subject property and surrounding neighborhood are attached to this report. These photographs were taken at the time of the site inspection.

15.4 Historical Research Documentation

Building permit records were obtained directly from the regulatory agency identified in this report. The aerial photographs summarized in this report were obtained from BBL Consultants, Solana Beach, California; the United States Geological Survey, Menlo Park, California; or the United States Department of Agriculture, Salt Lake City, Utah. The Sanborn Fire Insurance Map information was obtained from Digital Sanborn Maps, 1867-1970, Ann Arbor, Michigan. The city directory search information was obtained from Sherman Library and Gardens, Corona Del Mar, California.

15.5 Regulatory Records Documentation

All government records were obtained directly from the regulatory agencies identified in this report.

15.6 Interview and Research Documentation

All of the field notes and supporting information obtained from interviews and research concerning the subject property are maintained in the report file at the offices of Orswell & Kasman, Inc.

15.7 Special Contractual Conditions between User and Environmental Professional

No special contractual conditions or agreements exist between the client and any of the employees of Orswell & Kasman, Inc., and Orswell & Kasman, Inc. does not have any financial interest in the subject property.

15.8 Qualifications of the Environmental Professionals

Attached to this report are the résumés of Marty Kasman and James Orswell, who conducted the site inspection, the records review, and prepared the report.

APPENDIX

MARTY KASMAN

Marty Kasman, a principal of the company, is a Registered Environmental Health Specialist (#4927) and a Registered Environmental Assessor (#4022) with the State of California. He is also a USEPA/AHERA accredited Asbestos Management Planner and California Certified Asbestos Consultant (#99-2553). He received his Bachelor of Science and Master of Science degrees in Environmental and Occupational Health Science from California State University at Northridge. He also has a Certificate in Hazardous Materials Management from the University of California at Los Angeles (UCLA). In addition, Mr. Kasman also received specialized hazardous materials training at the Federal Law Enforcement Training Center in Georgia.

Mr. Kasman served fourteen years with the Los Angeles County Fire Department, as a Supervising Hazardous Material Specialist and Deputy Health Officer. For a majority of his Fire Department career, Mr. Kasman worked in the Criminal Investigations Unit, and he was assigned to the Los Angeles County District Attorney's Environmental crimes Task Force. His responsibilities included field and laboratory work in hazardous materials management, conducting inspections of industrial plant operations, and monitoring cleanup activities. In addition, Mr. Kasman has investigated hundreds of abandoned waste sites and other cases involving the illegal dumping of hazardous materials throughout Los Angeles County.

Mr. Kasman currently serves as an environmental consultant to industry management in the proper handling of hazardous materials and waste. He has taught courses in hazardous materials regulatory compliance and waste management at UCLA, California State University at Northridge, and the California Specialized Training Institute at San Luis Obispo. Mr. Kasman served on the State of California Local Unified Program Implementation Committee (LUPIC) to develop a standardized hazardous materials contingency plan.

Mr. Kasman's extensive education, training, and experience in hazardous materials management make him fully qualified to conduct environmental assessments and investigations. He is the former president, director, and a life-time member of the California Hazardous Materials Investigators Association. He is also a former director of the Local Environmental Enforcement Officers Association, and the Los Angeles County Association of Environmental Health Specialists. He is a member of California and National Environmental Health Associations, and the National Association of Government Guarantee Lenders.

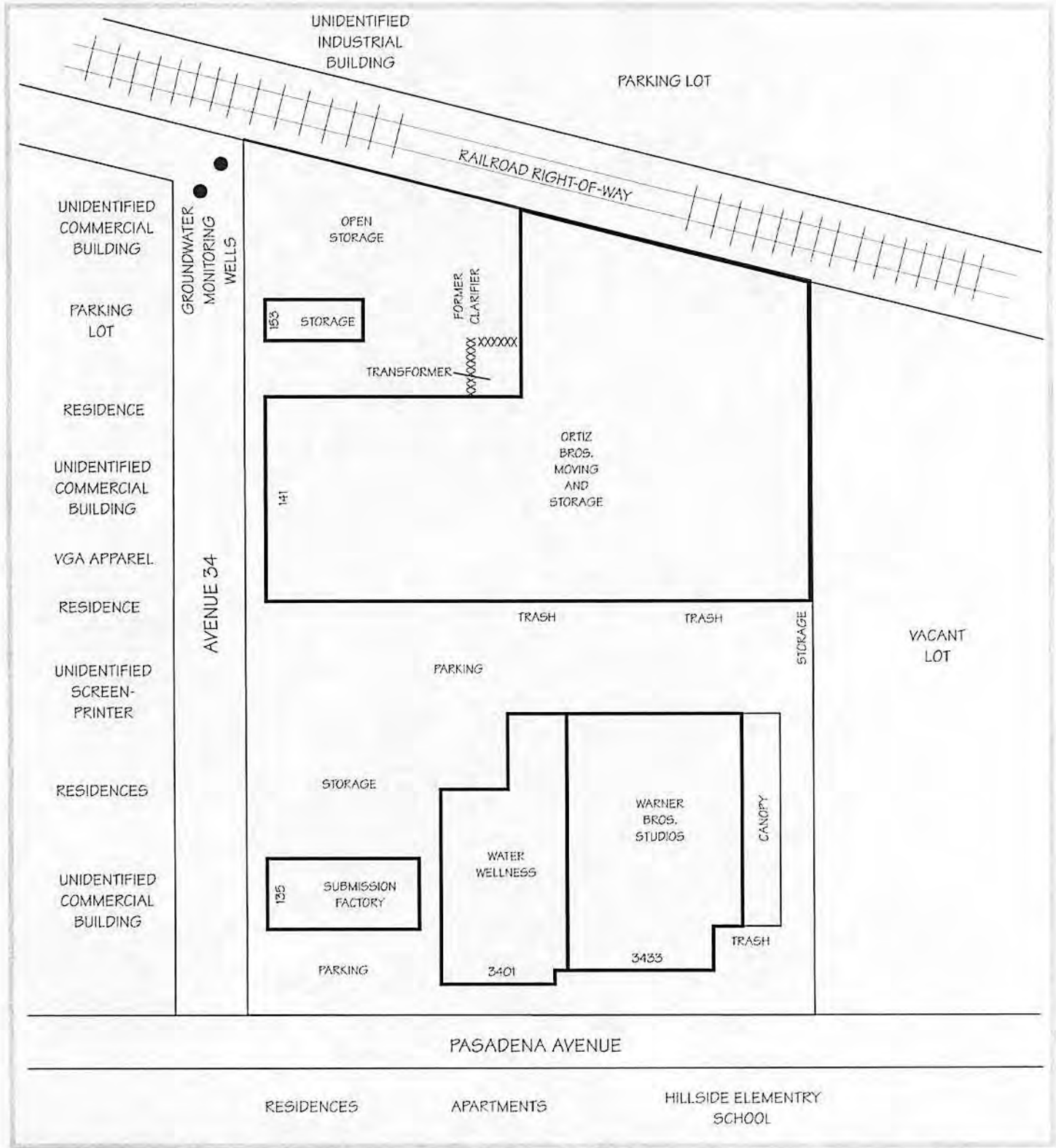
JAMES ROBERT ORSWELL

James R. Orswell is a Registered Environmental Assessor with the State of California. Since graduating from Utah Valley University, he has participated in thousands of Phase I Environmental Site Assessment reports, Transaction Screen reports, soil vapor surveys, methane assessments, historical use reports and Phase II projects on commercial, industrial, and residential properties.

Mr. Orswell is an expert document writer, data collector and is an experienced mortgage loan officer. Since 2002, Mr. Orswell has worked in the environmental assessment and consulting field, researching and conducting numerous environmental investigations throughout the United States. He has worked directly with major lending institutions, real estate professionals, lawyers, city planners, and private clients. Mr. Orswell has worked along with the Department of Defense in plotting Former Used Defense Sites (FUDS) and is a Certified Mold Inspector. He has managed multiple underground storage tank removals, installation of soil vapor extraction systems and has overseen several subsurface investigations in Southern California.

He is also an Eagle Scout, volunteer with many non-profit organizations, and an avid outdoors enthusiast. Mr. Orswell's education, training, and experience provide him with the qualifications to conduct environmental assessments and investigations.

SITE
1
2
3
4
5
6
7
8
9
10
11
Highland Park
Glassell Park
Mt. Washington
Happy Valley
Lincoln Heights
DODGER STADIUM
UNCOLN PARK
Broadway
Avenue 26
Pasadena Fwy
TN
MN
13½°
0 5 MILE
0 1000 FEET 0 500 1000 METERS
Map created with TOPO!® ©2002 National Geographic (www.nationalgeographic.com/topo)



ORSWELL & KASMAN, INC.
Environmental Assessments & Consulting
316 West Foothill Boulevard
Monrovia, CA 91016

135, 141 & 153 WEST AVENUE 34 AND
3401 & 3433 PASADENA AVENUE
LOS ANGELES, CA 90031

N

NOT TO SCALE
FOR ORIENTATION PURPOSES ONLY

Phase I Environmental Site Assessment Report
135, 141 & 153 West Avenue 34 and
3401 and 3433 Pasadena Avenue
September 28, 2012

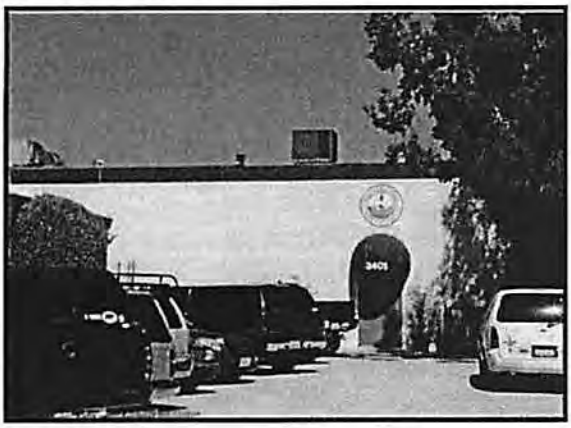


Photo #1

Photo #2

Photo #3

Photo #4

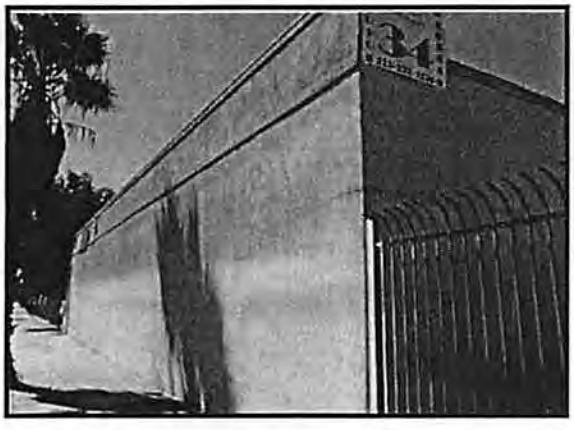


Photo #5

Photo #6

Phase I Environmental Site Assessment Report
135, 141 & 153 West Avenue 34 and
3401 and 3433 Pasadena Avenue
September 28, 2012

Photo #7

Photo #8

Photo #9

Photo #10

Photo #11

Photo #12

Photo #13

Photo #14

Photo #15

Photo #16

Photo #17

Photo #18

CONTOUR INTERVAL 200 FEET
WITH SUPPLEMENTARY CONTOURS AT 100 FOOT INTERVALS

GEOLOGIC MAP OF CALIFORNIA

EXPLANATION

SEDIMENTARY AND METASEDIMENTARY ROCKS

CENOZOIC

QUATERNARY

Recent

- Qs — Dune sand
- Qal — Alluvium
- Qsc — Stream channel deposits
- Qf — Fan deposits
- Qb — Basin deposits

GREAT VALLEY

- Qsl — Salt deposits
- Ql — Quaternary lake deposits
- Qg — Glacial deposits

Pleistocene

- Qt — Quaternary nonmarine terrace deposits
- Qm — Pleistocene marine and marine terrace deposits
- Qc — Pleistocene nonmarine
- QP — Plio-Pleistocene nonmarine

TERTIARY

Pliocene

- Pc — Undivided Pliocene nonmarine
- Puc — Upper Pliocene nonmarine
- Pu — Upper Pliocene marine
- Pmlc — Middle and/or lower Pliocene nonmarine
- Pml — Middle and/or lower Pliocene marine

Miocene

- Mc — Undivided Miocene nonmarine
- Muc — Upper Miocene nonmarine
- Mu — Upper Miocene marine
- Mmc — Middle Miocene nonmarine
- Mm — Middle Miocene marine
- Ml — Lower Miocene marine

Oligocene

- Φc — Oligocene nonmarine
- Φ — Oligocene marine

Eocene

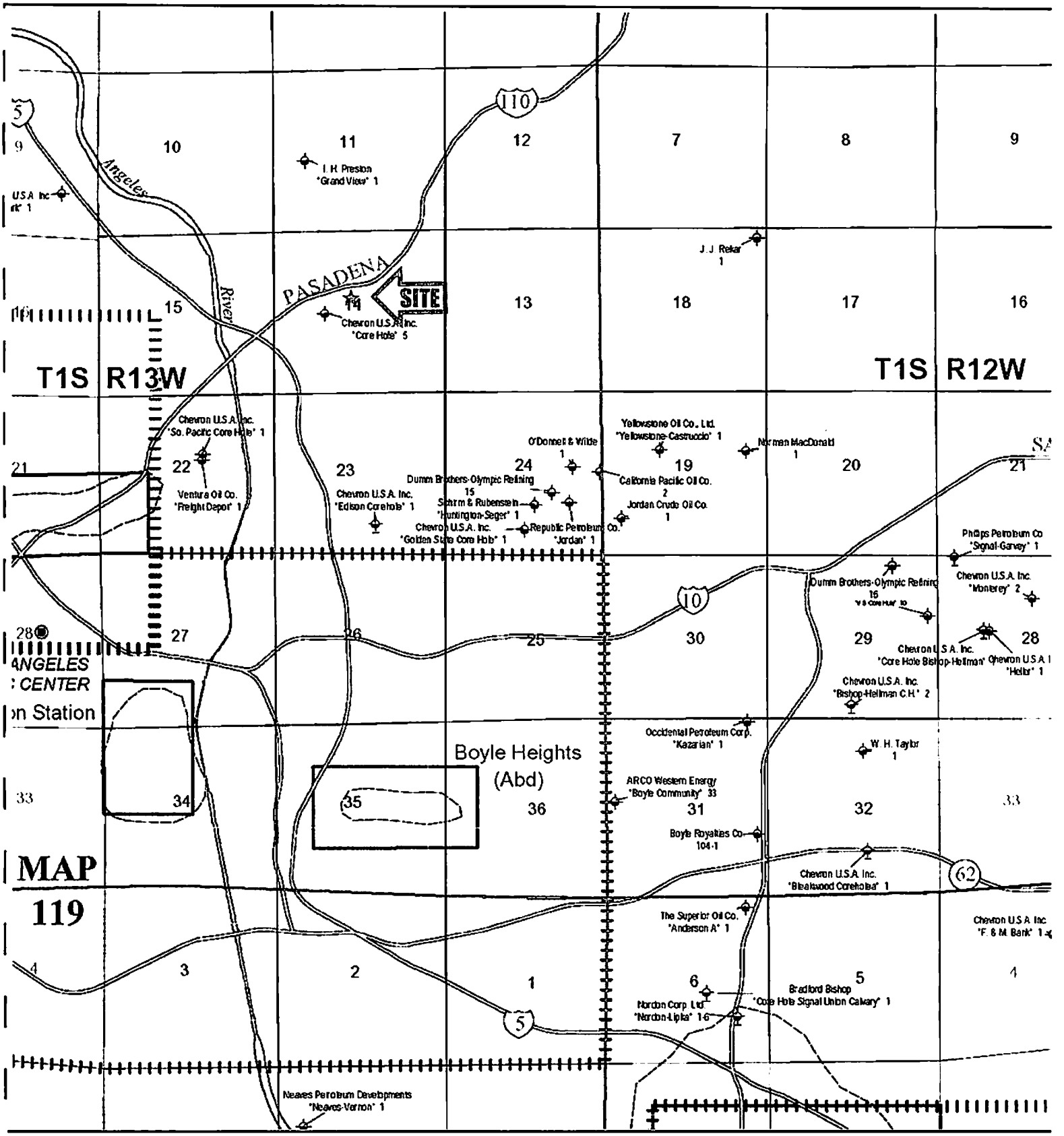
- Ec — Eocene nonmarine
- E — Eocene marine

Paleocene

- Epc — Paleocene nonmarine
- Ep — Paleocene marine

IGNEOUS AND META-IGNEOUS ROCKS

- Qrv — Recent volcanic: Q_{rv}^{r} —rhyolite; Q_{rv}^{a} —andesite; Q_{rv}^{b} —basalt; Q_{rv}^{p} —pyroclastic rocks
- Qpv — Pleistocene volcanic: Q_{pv}^{r} —rhyolite; Q_{pv}^{a}—andesite; Q_{pv}^{b} —basalt; Q_{pv}^{p} —pyroclastic rocks
- Quaternary and/or Pliocene cinder cones
- Pv — Pliocene volcanic: P_{v}^{r} —rhyolite; P_{v}^{a}—andesite; P_{v}^{b} —basalt; P_{v}^{p} —pyroclastic rocks
- Mv — Miocene volcanic: M_{v}^{r} —rhyolite; M_{v}^{a} —andesite; M_{v}^{b} —basalt; M_{v}^{p} —pyroclastic rocks
- Φv — Oligocene volcanic: Φ_{v}^{r}—rhyolite; Φ_{v}^{a} —andesite; Φ_{v}^{b}—basalt; Φ_{v}^{p}—pyroclastic rocks
- Ev — Eocene volcanic: E_{v}^{r} —rhyolite; E_{v}^{a}—andesite; E_{v}^{b} —basalt; E_{v}^{p} —pyroclastic rocks



REGIONAL WILDCAT MAP

SHOWING WELLS NOT ON DIVISION FIELD MAPS

State of California - Department of Conservation

Division of Oil, Gas, and Geothermal Resources

NOTE: Wells with directional surveys on file with the division are indicated with a short line under the well symbol.
Current well status should be confirmed at the appropriate division office.

ORSWELL & KASMAN, INC.

ENVIRONMENTAL RECORDS RESEARCH REPORT

Property Information:

Multi-Tenant Commercial Property
135, 141 & 153 West Avenue 34
& 3401 & 3433 Pasadena Avenue
Los Angeles, CA 90031

OKI Report #:

P12260

Report Date:

September 28, 2012

Prepared For:

Citizens Business Bank
CDC Small Business Finance
The U.S. Small Business Administration

Prepared by:

Orswell & Kasman, Inc.
316 West Foothill Boulevard
Monrovia, CA 91016
(626) 932 - 1800 * FAX (626) 932 - 1807
www.orswell-kasman.com

The information provided herein is based upon research of public records listed on the "Reference to the Regulatory Agency Database" page of this report and not on a physical inspection of the property. By requesting this report, the client accepts the terms and conditions described on the "Response Notification Sheet" of this report. The client may want to obtain detailed subject property information from a qualified consultant or specialist to determine if any potential hazards exist on the property.

RESPONSE NOTIFICATION SHEET

This report is in conformance with the ASTM standard for a Phase I Environmental Site Assessment governernment records check

	No Sites Within Specified Radius	Property & Adjacent	¼ Mile Radius	½ Mile Radius	1 Mile Radius
National Priority List (NPL)	✓				
RCRA CORRACTS Facilities	✓				
CALSITES		✓			
CERCLIS			✓		
CERCLIS NFRAP				✓	
LUSTIS				✓	
Active / Inactive Landfills	✓				
Treatment, Storage & Disposal (TSD)	✓				
Institutional Controls / Engineering Controls	✓				
RWQCB Sites		✓			
Closed RWQCB Sites	✓				
Registered Underground Storage Tanks	✓				
Federal Hazardous Waste Generators		✓			
ERNS / NRC	✓				
Superfund Liens	✓				
Local Agency Records	✓				

Sites reported as "Case Closed" or "No Further Action" may not be listed in this report

OKI Report #: **P12260**
Completion Date: **9/28/12**

Property Information:

Multi-Tenant Commercial Property
135, 141 & 153 West Avenue 34
& 3401 & 3433 Pasadena Avenue
Los Angeles, CA 90031

Richard Veron

Richard D. Veron
ASTM Environmental Professional

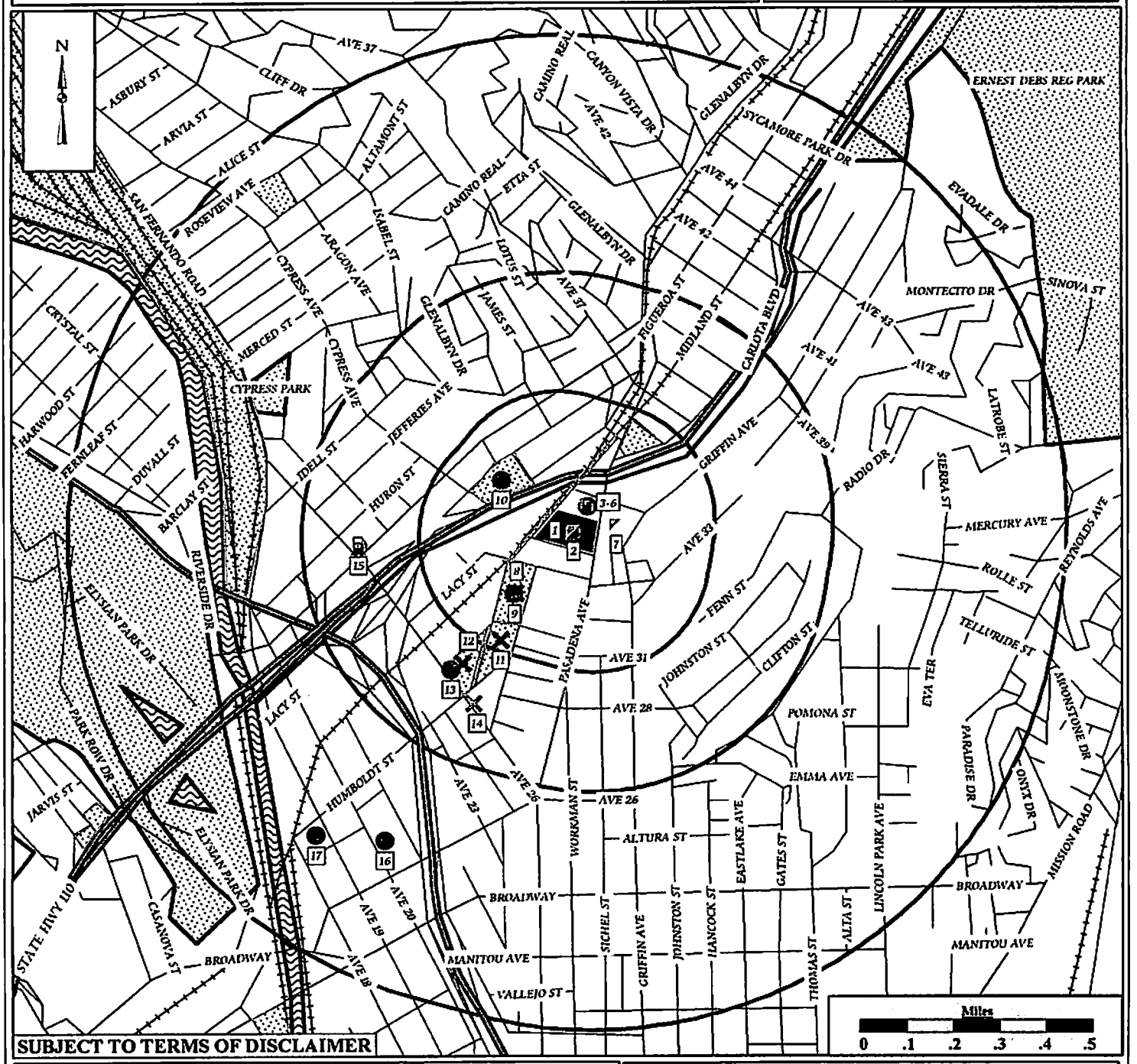
The information contained in this report is obtained from federal, state and other public sources. Orswell & Kasman, Inc. (OKI) does not make any guarantees, warranties or representations, whether expressed or implied, regarding the accuracy of such information, and shall not be held responsible in the event that any such inaccuracies are present. All liability for damages of any nature arising from any inaccuracy in the facts stated herein must be assumed by the client. OKI also advises the client that this report and information contained herein is intended solely for the use of the client or assignee with whom OKI has a contractual relationship. OKI makes no other warranty, express or implied, as to the conclusions and professional advice included in this report, and is not responsible for the independent conclusions, opinions or recommendations made by any other party or entity based whole or in part on the information provided in this records review.

Orswell & Kasman, Inc.
316 West Foothill Boulevard
Monrovia, CA 91016
(626) 932 - 1800 * Fax (626) 932 - 1807
www.orswell-kasman.com

Orswell & Kasman, Inc.

Environmental Assessments & Consulting

Subject Property Location:
135, 141 & 153 West Avenue 34 and
3401 & 3433 Pasadena Avenue
Los Angeles, CA 90031



SUBJECT TO TERMS OF DISCLAIMER

MAP LEGEND

- Areas of Contamination
- One Mile Radius
- Half Mile Radius
- Quarter Mile Radius
- Subject Property
- Military Installation
- Parks
- Water
- Railroads
- Roads
- Freeways

HAZARDOUS SITE SYMBOLS

- National Priority List
- RCRA Corrective Action
- CERCLIS
- CalSites
- Leaking Underground Storage Tanks
- Active / Inactive Landfills
- Treatment, Storage, & Disposal Facilities
- RWQCB Sites
- Closed RWQCB Sites
- Registered Underground Tanks
- Generators
- Emergency Response Notification System
- Superfund Liens
- CERCLIS - No Further Remedial Action Planned
- Oil Wells

For more information please contact us at (626) 932-1800 or www.orswell-kasman.com

Site Summary List

Please note that certain sites may appear on multiple databases
For more information on these sites, please see the accompanying pages

Subject Property Information:
Multi-Tenant Commercial Property
135, 141 & 153 West Avenue 34
& 3401 & 3433 Pasadena Avenue
Los Angeles, CA 90031

Site # 1	Case # CAD982351074	Source Database	
0.0065 miles from the subject property	Site **AMERICAN CASTER CORP** **141 W AVENUE 34** **LOS ANGELES, CA 90031**	**GEN**	[ ]
Site # 2	Case # CAR000206029	Source Database	
0.0074 miles from the subject property	Site **BAD TEACHER CONSTRUCTION WAREHOUSE** **3433 PASADENA AVE** **LOS ANGELES, CA 90031**	**GEN**	[ ]
Site # 3	Case # 60000636	Source Database	
0.0639 miles from the subject property	Site **Former Welch's Uniform Facility** **3505 Pasadena Avenue** **Los Angeles, CA 90031** 5205004010	**CALST**	[ ]
Site # 4	Case # CAD075309740	Source Database	
0.0659 miles from the subject property	Site **FORMER WELCHS UNIFORM SITE** **3505 PASADENA AVENUE** **LOS ANGELES, CA 90031**	**GEN**	[ ]
Site # 5	Case # SL2044P1598	Source Database	
0.0663 miles from the subject property	Site **WELCHS UNIFORM RENTAL SITE (FORMER)** **3505 PASADENA AVE** **LOS ANGELES, CA**	**RWQCB**	[ ]
Site # 6	Case # T0603700785	Source Database	
0.0705 miles from the subject property	Site **WELCH'S UNIFORM RENTAL(FORMER)** **3505 PASADENA AVE** **LOS ANGELES, CA 90031** 4363-001-902	**RWQCB** 632 B2	[X]
Site # 7	Case # CAD981624901	Source Database	
0.0996 miles from the subject property	Site **LA USD HILLSIDE EL** **120 E AVE 35** **LOS ANGELES, CA 90031**	**GEN**	[ ]
Site # 8	Case # CA0000113175	Source Database	
0.1745 miles from the subject property	Site **KENNINGTON LTD. (ITT CANNON)** **3209 HUMBOLDT ST.** **LOS ANGELES, CA 90031**	**CERCLIS**	[X]
Site # 9	Case # 19340739	Source Database	
0.1782 miles from the subject property	Site **KENNINGTON** **3209 HUMBOLDT STREET** **LOS ANGELES, CA 90031** LAND USE COVENANT	**CALST** 595 A6	[ ]
Site # 10	Case # 19820057	Source Database	
0.1823 miles from the subject property	Site **LORETO STREET ELEMENTARY SCHOOL ADDITION** **3408 Arroyo Seco Avenue** **Los Angeles, CA 90065** 5446-019-901 & 5446-024-900	**CALST** 595 A6	[MJ]
Site # 11	Case # CAD983657529	Source Database	
0.2734 miles from the subject property	Site **NI WEST INCORPORATED** **3011 HUMBOLDT STREET** **LOS ANGELES, CA 90031**	**CERCLIS**	[X]

Site Summary List

Please note that certain sites may appear on multiple databases
For more information on these sites, please see the accompanying pages

Subject Property Information:
Multi-Tenant Commercial Property
135, 141 & 153 West Avenue 34
& 3401 & 3433 Pasadena Avenue
Los Angeles, CA 90031

Site # 12	Case # CAD983578667	Source Database
0.3612 miles from the subject property	Site **JAYBEE AJAX MANUFACTURING** **301 WEST AVENUE 26** **LOS ANGELES, CA 90031**	**CERCLIS** 595 A7 [X]
Site # 13	Case # 19490238	Source Database
0.3884 miles from the subject property	Site **JAYBEE SITE AT LINCOLN HEIGHTS - LA DWP** **301 WEST AVENUE 26** **LOS ANGELES, CA 90031** 5205-009-900	**CALST** 594 J7 [ ]
Site # 14	Case # CAD980636195	Source Database
0.4168 miles from the subject property	Site **BARON MFG** **241 AVE 26** **LOS ANGELES, CA 90031**	**NFRAP** [ ]
Site # 15	Case # T0603701195	Source Database
0.4558 miles from the subject property	Site **CHEVRON #9-3707** **2601 N FIGUEROA ST** **LOS ANGELES, CA 90065** 5446-010-025 & 026	**LUSTIS** 594 J6 [MJ]
Site # 16	Case # 19360528	Source Database
0.7615 miles from the subject property	Site **VICTOR INDUSTRIAL BATTERY** **138 N SAN FERNANDO RD** **LOS ANGELES, CA 90031** 5447-017-004	**CALST** 594 J7 [JO]
Site # 17	Case # 80001108	Source Database
0.8385 miles from the subject property	Site **NATIONAL AIRCRAFT EQUIPMENT CO.** **Figueroa St in Elysian Park** **Los Angeles, CA 90012**	**CALST** 594 H7 [ ]

GENERATORS

Case Number: **CAD982351074**

Site: **AMERICAN CASTER CORP**
141 W AVENUE 34
LOS ANGELES CA 90031

Site # 1 *0.0065 miles from the Subject Property*

Generator Type SQG
Small Quantity Hazardous Waste Generator

Handler IS a Transporter

Case Number: **CAR000206029**

Site: **BAD TEACHER CONSTRUCTION WAREHOUSE**
3433 PASADENA AVE
LOS ANGELES CA 90031

Site # 2 *0.0074 miles from the Subject Property*

Generator Type SQG
Small Quantity Hazardous Waste Generator

Handler IS NOT a Transporter

Case Number: **CAD075309740**

Site: **FORMER WELCHS UNIFORM SITE**
3505 PASADENA AVENUE
LOS ANGELES CA 90031

Site # 4 *0.0659 miles from the Subject Property*

Generator Type LQG
Large Quantity Hazardous Waste Generator

Handler IS NOT a Transporter

Case Number: **CAD981624901**

Site: **LA USD HILLSIDE EL**
120 E AVE 35
LOS ANGELES CA 90031

Site # 7 *0.0996 miles from the Subject Property*

Generator Type SQG
Small Quantity Hazardous Waste Generator

Handler IS NOT a Transporter

CalSites

California Sites - Formerly Bond Expenditure Plan (BEP) & Abandoned Site Program Information System (ASPIS)

Case Number: **60000636**

Site: **Former Welch's Uniform Facility**
3505 Pasadena Avenue
Los Angeles, CA 90031

On NPL? NO 2.6 Acres

Lead Agency: SMBRP

Agencies Involved: SMBRP

Funding: Responsible Party

Past Uses: LAUNDRY SERVICES

Status: **Active** Date: **2007-05-25**

Site Type: Voluntary Cleanup-Voluntary Cleanup

Special Program: Voluntary Cleanup Program

Potential Media Affected: OTH, SOIL, SV

Confirmed COCs: 30027

Potential COCs: 30027

Is Use Restricted?: NO

Site Management: NONE SPECIFIED

Site # 3 0.0639 miles from the Subject Property

Case Number: **19340739**

Site: **KENNINGTON**
3209 HUMBOLDT STREET
LOS ANGELES, CA 90031 595 A6

On NPL? NO 3.75 Acres

Lead Agency: SMBRP

Agencies Involved: SMBRP

Funding: Responsible Party

Past Uses: BATTERY MANUFACTURING, MANUFACTURING - ELECTRONIC

Status: **Active** Date: **1996-04-18**

Site Type: Voluntary Cleanup-Voluntary Cleanup

Special Program: Voluntary Cleanup Program

Potential Media Affected: OTH, SOIL

Confirmed COCs: 30018,30022,30027,30013

Potential COCs: 30013, 30018, 30022, 30027

Is Use Restricted?: YES

Site Management: REM, DAY, ELD, HOS, LUC, FEN, MON, EX, GW, NUSE, NDEV

Site # 9 0.1782 miles from the Subject Property

Case Number: **19820057**

Site: **LORETO STREET ELEMENTARY SCHOOL ADDITION**
3408 Arroyo Seco Avenue
Los Angeles, CA 90065 595 A6 MJ

On NPL? NO 0 Acres

Lead Agency: SMBRP

Agencies Involved: SMBRP

Funding: School District

Past Uses: * EDUCATIONAL SERVICES

Status: **Inactive - Needs Evaluation** Date: **2006-09-20**

Site Type: School-School Investigation

Special Program:

Potential Media Affected: NMA

Confirmed COCs: NONE SPECIFIED

Potential COCs: NONE SPECIFIED,31000

Is Use Restricted?: NO

Site Management: NONE SPECIFIED

Site # 10 0.1823 miles from the Subject Property

Case Number: **19490238**

Site: **JAYBEE SITE AT LINCOLN HEIGHTS - LA DWP**
301 WEST AVENUE 26
LOS ANGELES, CA 90031 594 J7

On NPL? NO 3.4 Acres

Lead Agency: SMBRP

Agencies Involved: SMBRP

Funding: Responsible Party

Past Uses: MANUFACTURING - OTHER

Status: **Active** Date: **2004-04-07**

Site Type: Voluntary Cleanup-Voluntary Cleanup

Special Program: Voluntary Cleanup Program

Potential Media Affected: OTH, SOIL

Confirmed COCs: 30484,30550,30019,30022,30024,30025,30027,30193,30013, 30593

Potential COCs: 30013, 30019, 30022, 30024, 30025, 30027, 30193, 30484, 30550, 30593

Is Use Restricted?: NO

Site Management: NONE SPECIFIED

Site # 13 0.3884 miles from the Subject Property

CalSites

California Sites - Formerly Bond Expenditure Plan (BEP) & Abandoned Site Program Information System (ASPIS)

Case Number: **19360528**

Site: **VICTOR INDUSTRIAL BATTERY**
138 N SAN FERNANDO RD
LOS ANGELES, CA 90031 594 J7 JO

On NPL? NO 0.1 Acres

Lead Agency: NONE SPECIFIED

Agencies Involved: NONE SPECIFIED

Funding: Responsible Party

Past Uses: BATTERY RECLAMATION

Status: **Certified O&M - Land Use Restrictions O** Date: **1995-03-29**

Site Type: Voluntary Cleanup-Voluntary Cleanup

Special Program: Voluntary Cleanup Program

Potential Media Affected: SOIL, SV

Confirmed COCs: NONE SPECIFIED

Potential COCs: 10015, 10097, 10119, 10120, 10124, 10193, 10194, 20001, 20009, 20011, 20013, 20024, 30013

Is Use Restricted?: YES

Site Management: NONE SPECIFIED

Site # 16 0.7615 miles from the Subject Property

Case Number: **80001108**

Site: **NATIONAL AIRCRAFT EQUIPMENT CO.**
Figueroa St in Elysian Park
Los Angeles, CA 90012 594 H7

On NPL? NO

Lead Agency: NONE SPECIFIED

Agencies Involved: SMBRP

Funding: DERA

Past Uses: NONE SPECIFIED

Status: **Inactive - Needs Evaluation** Date: **2005-07-01**

Site Type: FUDS-Military Evaluation

Special Program:

Potential Media Affected: NONE SPECIFIED

Confirmed COCs: NONE SPECIFIED

Potential COCs: NONE SPECIFIED

Is Use Restricted?: NO

Site Management: NONE SPECIFIED

Site # 17 0.8385 miles from the Subject Property

ORSWELL & KASMAN, INC.

316 West Foothill Boulevard ■ Monrovia, CA 91016
(626) 932-1800 ■ FAX (626) 932-1807 ■ www.orswell-kasman.com

PHASE I ENVIRONMENTAL SITE ASSESSMENT UPDATE REPORT

Multi-Tenant Commercial Property
135, 141 & 153 West Avenue 34 and
3401 & 3433 Pasadena Avenue
Los Angeles, California 90031

April 28, 2015

CLIENT:
Mr. Andy Meyers
Shangri-La Industries
550 South Hope Street, Suite 700
Los Angeles, CA 90071

PREPARED FOR:
Mr. Andy Meyers
Shangri-La Industries

PROJECT NUMBER:
T15024

PREPARED BY:

James Robert Orswell
ASTM Environmental Professional

REVIEWED BY:

Martin A. Kasman
Project Manager

This report was prepared in conformance to meet or exceed the scope and limitations as set forth by the American Society for Testing & Materials (ASTM) Standard Practice E 1528-06. It is for the express use of the client, and its contents are considered to be privileged and confidential. Acceptance of this report constitutes an agreement by the client to assume full liability for information contained herein. This report is for the sole use and interpretation of the client, and it is not to be reproduced or distributed to outside parties. The information in this report is furnished in good faith and was obtained from sources and databases considered to be reliable; however, the accuracy of the information cannot be guaranteed. We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professionals as defined in §312.10 of 40 CFR 312. We have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed the all appropriate inquires in conformance with the standards and practices set forth in 40 CFR Part 312.

This report is limited to an inspection of the property and the surrounding area, an interview with the current owner or occupant of the building, and a review of records and documents published by federal, state and local government regulatory agencies. The purpose of the environmental site assessment transaction screen is to identify *potential environmental concerns*.

SITE INSPECTION

Site and Vicinity Characteristics

The site consists of five industrial buildings with paved parking and storage areas, located in a mixed industrial, commercial and residential area of Los Angeles (Lincoln Heights District), California.

Descriptions of Structures and
Other Site Improvements

On April 17, 2015, an inspection of the subject property and surrounding area was conducted by ASTM Environmental Professional James Robert Orswell. The subject property consists of five separate, single-story industrial buildings, which are described as follows:

3401 Pasadena Avenue

On the east side of the subject property is a single-story wood-frame, masonry brick and concrete-block industrial building (see photos #1 and #2) which is currently occupied by Loot Crate, an online computer gaming service. The building is divided into an office area and a work area. Inside, the building has an open wood beam ceiling and an exposed concrete floor (see photos #3 and #4). A storage mezzanine is located above the offices (see photo #5) and is accessed via a stairwell. There is no elevator in the building. The heating, ventilation and air conditioning (HVAC) system for the building appears to be mounted on the roof.

In the southeast corner of the site is a single-story corrugated steel industrial building (see photos #6 and #7) which is currently occupied by The Submission Factory, a gym. The business was closed and the interior of the building was not available for inspection. No HVAC system was observed for the building.

3433 Pasadena Avenue

In the northeast corner of the subject property is a single-story, steel and wood-frame with masonry brick and concrete-block industrial building (see photos #8 and #9) which is also occupied by Loot Crate. The building is divided into an office area and a work area. Inside, the office ceilings are covered with suspended-grid acoustic tile and the floors are covered with vinyl tile. The work area has an open steel and wood beam ceiling and an exposed concrete floor which is partially covered with carpeting (see photo #10). A sign on the exterior of the building indicates the building was previously occupied by a die and metal stamping business. The HVAC system for the building appears to be mounted on the roof.

135 and 141 West Avenue 34

In the northwest corner of the site is a concrete tilt-up industrial building (see photos #11, #12 and #13) which is primarily occupied by Ortiz Bros. Moving and Storage & Atlas Van Lines, a moving business. The building is divided into two separate units, and each unit is divided into an office area and a warehouse area. Inside, the office ceilings are covered with suspended-grid acoustic tile and the floors are covered with vinyl tile or carpeting (see photo #14). The warehouses have open wood beam ceilings and exposed concrete floors (see photos #15 and #16). The 141 Avenue 34 warehouse area is used to store customers' personal belongings, and no hazardous materials are stored inside the warehouse area. There are several loading docks on the east side of the building. The 135 Avenue 34 unit is currently vacant and unoccupied (see photos #17, #18 and #19), and the unit was most recently occupied by Ortiz Bros. Moving & Storage. The HVAC system for the building appears to be mounted on the roof and side of the building.

153 West Avenue 34

In the southwest corner of the subject property is a single-story masonry brick and corrugated steel industrial building (see photos #20 and #21) which is currently occupied by Ortiz Bros. Moving, and is used to store non-hazardous items. The building was locked and access to the interior of the building was not available for inspection. The HVAC system appears to be mounted on the roof of the building.

Outside, between the buildings are asphalt-paved parking and open storage areas (see photos #22 and #23). On the west side of the subject property is another large asphalt-paved open storage area (see photos #24 and #25). A wastewater clarifier is located on the north side of the 153 Avenue 34 building. A storage canopy is also located in the southwest storage yard area (see photo #26). No large quantities of hazardous materials were observed to be stored or used at the site, and no hazardous wastes are generated by the business activities. No manufacturing activities take place at the site. Commercial trash bins are located in the paved parking and storage areas (see photos #27, #28 and #29), and no signs of improper solid waste disposal were observed in or around the trash bins. The electrical power in the area is supplied by overhead utility lines located along Pasadena Avenue and Avenue 34. Overhead power lines with pole-mounted electrical transformers also bisect the subject property from north to south (see photo #30). A ground-mounted electrical transformer is located on the west side of the 141 Avenue 34 building. No signs were observed on the ground-mounted or pole-mounted electrical transformers indicating the presence of polychlorinated biphenyls (PCBs). No signs of illegal dumping or distressed vegetation were observed on the property. There was no evidence of underground storage tanks, septic tanks or wells on the property, and there was no indication of obvious contamination on the site.

Current Uses of the Adjoining Properties

Northern Border

North of the subject property is a vacant lot (see photos #31 and #32). There are several piezometers and monitoring wells located on the site. The property is identified by the State of California Environmental Protection Agency (CAL-EPA) Department of Toxic Substances Control (DTSC) as an active hazardous waste site and by the State of California Regional Water Quality Control Board (RWQCB) as having two open RWQCB Cleanup Program sites. It appears that the property is in the process of undergoing remediation. There were no visible signs of spills or obvious contamination on the adjacent property.

Eastern Border

East of the subject property is Pasadena Avenue, and further east is Hillside Elementary School (see photo #33), an apartment complex (see photo #34) and several residences (see photo #35). There were no visible signs of spills or contamination on the adjacent properties.

Southern Border

South of the subject property is Avenue 34. Located at the western terminus of Avenue 34 are two groundwater monitoring wells (see photo #36). The wells are currently monitoring the groundwater contamination in the area from the former Welch's Uniform facility located further north. South of Avenue 34 are several residences (see photos #37 and #38), an unidentified commercial property (see photo #39), a parking lot (see photo #40), an unidentified water distribution business (see photo #41) and five commercial buildings which are occupied by VGA Apparel; an unidentified screen printing business; and several other unidentified tenants (see photos #42, #43 and #44). There were no visible signs of spills or contamination on the adjacent properties.

Western Border

West of the subject property is a light-rail right-of-way (see photo #45), and further west is an unidentified industrial building and a large parking lot (see photo #46). Although the adjacent property to the west (Metro Rail Pasadena Blue Line between Avenue 33 and French Avenue) is identified by the Department of Toxic Substances Control (DTSC) as a hazardous waste site that has been referred to the Regional Water Quality Control Board for oversight, there were no visible signs of spills, contamination or remedial efforts on the adjacent properties.

INTERVIEW WITH OWNER/OCCUPANT

Mr. Eric Ortiz, the property owner and owner of Ortiz Bros. Moving and Storage, advised he purchased the subject property in 2000, and he has occupied the site since 1993. He said the buildings have been previously used for warehousing, distribution, office space, a gym and a prop designer. Mr. Ortiz stated the 153 Avenue 43 building is used for storage of non-hazardous

items. He said the 141 Avenue 34 building is currently occupied by Ortiz Bros. Moving, and is used to store customer's non-hazardous personal items. Mr. Ortiz advised there is a closed and abandoned wastewater clarifier located between the 141 Avenue 34 and 153 Avenue 34 buildings. Mr. Ortiz said the 135 Avenue 34 unit is currently vacant and unoccupied, and was most recently occupied by Ortiz Bros. Moving. He advised the 3401 Pasadena Avenue property consists of two separate buildings. One of the buildings is occupied by Loot Crate, an online computer gaming service; and the other building is occupied by The Submission Factory, a gym. Mr. Ortiz stated the 3433 Pasadena Avenue is also occupied by Loot Crate. He said no large quantities of hazardous materials are stored or used at the site, and no hazardous wastes are generated by the business activities. No heavy manufacturing activities take place at the site. Mr. Ortiz said the property to the north was previously occupied by Welch's Uniform Facility and the State of California has been conducting activities at the site for over a decade. Mr. Ortiz said he is unaware of the two groundwater monitoring wells located near the southwest corner of the site, and has no information about the remedial efforts of the nearby site. Mr. Ortiz advised to the best of his knowledge, there are no underground storage tanks, septic tanks or wells on the site, and he is not aware of any other chemical spills or contamination problems. Additional details concerning the site are presented in the completed Transaction Screen Questionnaire, which is attached to this report.

REVIEW OF GOVERNMENT RECORDS

United States Environmental Protection Agency (USEPA)
National Priorities List

The National Priorities List (NPL) identifies abandoned or uncontrolled hazardous waste sites which have been identified as possibly representing a long-term threat to the public health or environment. These sites have been identified as being highly contaminated with hazardous substances and represent the USEPA's target enforcement and cleanup efforts. Studies of individual sites are conducted by the USEPA to determine level of contamination, and the sites are then compared and ranked to other sites on the NPL.

A review of the USEPA National Priorities List dated December 2012 indicates there are no proposed, final or delisted sites within one mile of the subject property.

United States Environmental Protection Agency (USEPA)
Federal Superfund Liens List

The USEPA maintains a list of Superfund Lien sites that have been issued on properties throughout the United States. These sites have been remediated through the expenditures of Superfund monies; the purpose of the lien is to prevent the property owner from gaining a financial benefit from the federal government's cleanup and restoration activities.

A review of the July 2011 Federal Superfund List revealed there are no Superfund Liens on or adjacent to the site.

United States Environmental Protection Agency (USEPA)
Comprehensive Environmental Response, Compensation
and Liability Information System (CERCLIS)

The USEPA has developed a database known as CERCLIS which contains information on potential hazardous waste sites located throughout the United States. There are over 33,000 sites on the CERCLIS inventory. All sites are subjected to a preliminary assessment and thereafter are either placed on the National Priority List (NPL) or are placed in a category for those sites requiring no further Federal Superfund action.

A review of the December 2012 CERCLIS report indicates there are three CERCLIS sites within a ½ mile radius of the subject property:

Kennington Ltd. (ITT Cannon) (#1 on map)
3209 Humboldt Street
Los Angeles, CA 90031

This site investigation was opened in February 1994. A preliminary assessment was completed in August 2001, and a site reassessment was completed in May 2006. According to the records, no further remedial actions have been reported for this site. Due to the distance, it is unlikely any contaminants from this site will have a significant impact on the subject property.

NI West Incorporated (#2 on map)
3011 Humboldt Street
Los Angeles, CA 90031

This site investigation was opened in January 1993. A combined preliminary assessment and site assessment was completed in September 2005. According to the records, no further remedial actions have been reported for this site. Due to the distance, it is unlikely any contaminants from this site will have a significant impact on the subject property.

Jaybee Ajax Manufacturing (#3 on map)
301 West Avenue 26
Los Angeles, CA 90031

This site investigation was opened in March 2000, and preliminary assessments were started in October 2002 and in July 2007. According to the records, no further remedial actions have been reported for this site. Due to the distance, it is unlikely any contaminants from this site will have a significant impact on the subject property.

There is one listed "No Further Required Action Planned" (NFRAP) site identified within a ½ mile radius:

Baron Manufacturing (#4 on map)
241 Avenue 26
Los Angeles, CA 90031

This site investigation was opened in June 1981, and a preliminary assessment was completed in September 1984. The investigation concluded that the facility does not qualify for the NPL and no further required actions are planned for this site. It is unlikely any contaminants from this closed site will have a significant impact on the subject property.

United States Environmental Protection Agency (USEPA)
Resource Conservation and Recovery Act (RCRA)
Treatment, Storage or Disposal Facilities (TSDF)

The USEPA maintains a list of facilities which have been authorized to receive hazardous waste. These facilities have permits to treat, store, or dispose of the waste, as determined by the RCRA regulations. In addition, the USEPA publishes a list of those facilities that are subject to a corrective action, based on the facilities waste handling and storage procedures. The facilities which are subject to a corrective action are identified as CORRACTS sites.

A review of the November 2013 RCRA TSDF list determined there are no known CORRACTS facilities within a one mile radius of the subject property. In addition, there are no non-CORRACTS TSD facilities listed within a ½ mile radius.

United States Environmental Protection Agency (USEPA)
Resource Conservation and Recovery Act (RCRA)
Hazardous Waste Generators

The USEPA maintains a list of facilities which are identified as generators of large and small quantities of hazardous waste. These facilities have permits to generate, store and dispose of the waste, as determined by the RCRA regulations.

A review of the November 2013 RCRA Hazardous Waste Generators list determined the subject property (American Caster Corporation, 141 West Avenue 34) is identified as a small quantity hazardous waste generator. In addition, there are records of a large quantity hazardous waste generator identified on the adjacent property to the north (Former Welch's Uniform Site, 3505 Pasadena Avenue), and a small quantity hazardous waste generator to the east (Los Angeles Unified School District Hillside Elementary, 120 East Avenue 35).

United States Environmental Protection Agency (USEPA)
Office of Emergency and Remedial Response
Emergency Response Notification System (ERNS)

The USEPA maintains a list of locations which have reported a release of oil or hazardous substances to the federal government. Most of the data in this system is based on information that was received during the initial notification.

A review of the ERNS list for 1999 determined there are no reported incidents identified on the subject property.

United States Department of Transportation
United States Coast Guard
National Response Center (NRC)

The NRC is the national point of contact for reporting all oil, chemical, radiological, biological and etiological discharges into the environment anywhere in the United States and its territories. In addition to gathering and distributing spill data for Federal On-Scene Coordinators and serving as the communications and operations center for the National Response Team, the NRC maintains agreements with a variety of federal entities to make additional notifications regarding incidents meeting established trigger criteria.

A review of the NRC list for 2012 determined there are no reported incidents on the subject property.

United States Environmental Protection Agency (USEPA)
Institutional Control / Engineering Control Registries

The USEPA maintains a list of institutional and engineering controls for the purpose of tracking sites that may contain residual contamination or have activity and use limitations. Engineering controls are engineering measures designed to minimize the potential for human exposure to contamination by either limiting direct contact with contaminated areas or controlling migration of contaminants. Institutional controls are non-engineering controls used to restrict land use or land access in order to protect people and the environment from exposure to hazardous substances remaining at the site or facility.

A review of the September 2006 USEPA Institutional Control / Engineering Control Registry did not identify the subject property as having institutional or engineering controls.

State of California
Environmental Protection Agency (CAL-EPA)
Department of Toxic Substances Control (DTSC)

CAL-EPA is responsible for the regulation and enforcement of environmental health laws within the state of California, as set forth by the California Health and Safety Code. CAL-EPA is also designated by the USEPA to assist in enforcing federal environmental laws. CAL-EPA regulates companies involved in the generation, transportation, storage and disposal of hazardous substances. CAL-EPA records include the "CalSites" database, which is a listing of over 7,700 known active, inactive and abandoned hazardous waste sites. These sites have previously been reported in the Abandoned Site Program Information System (ASPIS), Bond Expenditure Plan (BEP), and Cortese databases. CAL-EPA records also include a listing of the California Integrated Waste Management Board's "Active" and "Closed and Inactive" landfills database.

A review of the October 2013 CAL-EPA records determined the adjacent property to the west (Metro Rail Pasadena Blue Line between Avenue 33 and French Avenue) is identified as a hazardous waste site that was referred to the Regional Water Quality Control Board for oversight on December 27, 2001. According to the records, the site has had no known uses other than train traffic, and analytical test results indicated high concentrations of lead, polychlorinated bi phenyls (PCBs), tetrachloroethane (PCE) and trichloroethylene (TCE) contamination in the soil and groundwater beneath the right-of-way. No further information is available at this time. In addition, there are five listed "CalSite" facilities within one mile of the subject property:

Kennington (#1 on map)
3209 Humboldt Street
Los Angeles, CA 90031

This site was placed in "Active" status in July 2013. According to the records, the soil is contaminated with polychlorinated biphenyls (PCBs), tetrachloroethylene (PCE), and other chemicals. A site investigation or remediation of the site is currently in progress. Due to the distance, it is unlikely any contaminants from this site will have a significant impact on the subject property.

Jaybee Site at Lincoln Heights (#3 on map)
301 West Avenue 26
Los Angeles, CA 90031

This site was placed in "Active" status in April 2004. According to the records, the soil is contaminated with naphthalene, toluene, and other chemicals. A site investigation or remediation of the site is currently in progress. Due to the distance, it is unlikely any contaminants from this site will have a significant impact on the subject property.

Former Welch's Uniform Facility (#5 on map)
3505 Pasadena Avenue
Los Angeles, CA 90031

This site was placed in "Active" status in May 2007. According to the records, the soil is contaminated with trichloroethylene (TCE). A site investigation or remediation of the site is currently in progress. The 2.6 acre site was previously occupied by Welch's Uniform, a commercial linen and apparel laundering and delivery service. The former business operated at the site from the 1920s throughout 1988. TCE was first discovered at the site in 1988 when vapor extraction wells were first installed on the property. Several follow-up investigations have been completed at the site which included soil sampling, soil vapor sampling, the installation of 14 groundwater monitoring wells, the installation of seven soil vapor wells and semi-annual soil and soil vapor monitoring. In 1993, the buildings at the former Welch's Uniform Facility were demolished and removed from the site. In 2007, the Department of Toxic Substances Control

(DTSC) began overseeing the site investigations, monitoring and clean-up efforts at the site. Previous environmental studies conducted at the site indicate the soil and groundwater beneath the facility was contaminated with volatile organic compounds (VOCs) and petroleum based hydrocarbon cleaning solvents including tetrachloroethene (PCE) and TCE.
The current owner (AmeriPride Services Inc.) and the DTSC entered into a voluntary agreement to clean up the site. In 2013, a soil vapor extraction (SVE) system and 32 SVE wells were installed at the site to remediate the PCE and TCE contamination. The SVE system is scheduled to operate at the site until contamination levels are reached which do not pose a significant risk to human health and the environment.

Victor Industrial Battery (#6 on map)
138 North San Fernando Road
Los Angeles, CA 90031

This site was placed in "Certified Operation and Maintenance – Land Use Restrictions" status in March 1995. According to the records, the soil is potentially contaminated with liquids with PH<=2, acid solution 2>PH with metals, and other chemicals. Properties with Land Use Restrictions have limits on future property uses required by DTSC due to residual levels of contamination or the type of cleanup actions conducted. Due to the distance, it is unlikely any contaminants from this site will have a significant impact on the subject property.

National Aircraft Equipment Co. (#7 on map)
275 North Avenue 19
Los Angeles, CA 90031

This site was placed in "Inactive - Needs Evaluation" status in July 2005. DTSC has determined that a Preliminary Endangerment Assessment or other evaluation is required. Due to the distance, it is unlikely any contaminants from this site will have a significant impact on the subject property.

There are no active, closed or inactive landfill sites within a ½ mile radius of the subject property.

State of California
Environmental Protection Agency (CAL-EPA)
Department of Toxic Substances Control (DTSC)
Land Use Covenants

CAL-EPA/DTSC utilizes Land Use Covenants (LUCs) to protect the public from unsafe exposures to residual contamination that is left in place after site remediation activities have been completed. The LUC imposes limitations on land use when hazardous materials, wastes, or substances remain on the property at levels which are not suitable for unrestricted use of the land. The LUC includes easements, servitudes, covenants, and restrictions which run with the

land and continue into perpetuity unless modified or terminated in accordance with applicable law. All LUCs are signed by the DTSC and the landowner, and recorded in the county where the land is located.

A review of the October 2013 DTSC database records did not identify any deed restrictions on the subject property.

State of California
Water Resources Control Board
Regional Water Quality Control Board (RWQCB)
Land Use Covenants

RWQCB utilizes Land Use Covenants (LUCs) to protect the public from unsafe exposures to residual contamination that is left in place after site remediation activities have been completed. The LUC imposes limitations on land use when hazardous materials, wastes, or substances remain on the property at levels which are not suitable for unrestricted use of the land. The LUC includes easements, servitudes, covenants, and restrictions which run with the land and continue into perpetuity unless modified or terminated in accordance with applicable law. All LUCs are signed by the RWQCB and the landowner, and recorded in the county where the land is located.

A review of the November 2014 RWQCB database records did not identify any deed restrictions on the subject property.

State of California
Water Resources Control Board
Regional Water Quality Control Board (RWQCB)

The RWQCB is responsible for monitoring the quality and flow of groundwater, and they address other potential threats to the groundwater from surface spills and leaks. The RWQCB monitors the contamination problem, the investigation and any remedial action. Their database information includes active and closed Cleanup Program Sites, Land Disposal Sites, Leaking Underground Storage Tank (LUST) Sites, Military Cleanup Sites, Military Privatized Sites, Military Underground Storage Tank Sites and registered underground storage tank sites (RWQCB sites) within the State of California.

A review of the November 2014 RWQCB records determined the subject property is not listed as a known RWQCB site. There are also no known open RWQCB LUST sites within a ½ mile radius of the subject property. According to the records, there are three active non-LUST RWQCB Cleanup sites within a ½ mile radius of the subject property:

Cannon Electrical (#1 on map)
3209 Humbolt Avenue
Los Angeles, CA 90031

According to the records, the site is identified as an open Cleanup Program Site that is currently inactive. No information on potential contaminants has been reported. Due to the distance, it is unlikely any contaminants from this site will have a significant impact on the subject property.

Former Welch's Uniform Rental Site (#5 on map)
3505 Pasadena Avenue
Los Angeles, CA 90031

This case was first opened in December 1987, and the site is identified as an open Cleanup Program Site that is currently inactive. According to the records, the groundwater is potentially contaminated with solvents and non-petroleum hydrocarbons. A second case was opened in December 1998, and the site is identified as an open Cleanup Program Site that is undergoing a site assessment. According to the records, the site is potentially contaminated with petroleum, unidentified fuels, oil and volatile organic compounds (VOCs). Both of the cases were transferred to the Department of Toxic Substances Control (DTSC) for oversight on December 18, 2006.

Lacy's Street Dump (#8 on map)
Los Angeles, CA 90031

According to the records, the site is identified as an open Land Disposal Site that is currently inactive. No information on potential contaminants has been reported. Due to the distance, it is unlikely any contaminants from this site will have a significant impact on the subject property.

There are no records of registered underground storage tanks on the subject property; however, there are historical records of an underground storage tank on the adjacent property to the north (3505 Pasadena Avenue).

South Coast Air Quality
Management District (AQMD)

The AQMD is responsible for the development and enforcement of regulations concerning air emissions and airborne hazards from stationary sources in the South Coast Air Basin. AQMD maintains a "Hot Spot" list of facilities whose air emissions pose as a risk to the surrounding community. In addition, the AQMD Facility INformation Detail (FIND) database provides public information about facilities in the AQMD basin.

A review of the AQMD records determined there are no "Hot Spot" facilities identified on or adjacent to the subject property. According to the FIND database, the subject property (Bob Baker Productions, 3401 Pasadena Avenue) is identified as having inactive permits for a paint and solvent spray booth.

Los Angeles County
Department of Public Works
Waste Management Division (DPW/WMD)

DPW/WMD maintains maps showing the locations of active, inactive or future solid waste landfill sites in Los Angeles County.

A review of DPW's major waste systems map determined there are two landfill sites within a ½ mile radius of the subject property:

Los Angeles City (Lacy Street) (#8 on map)
400 Avenue 26
Los Angeles, CA 90031

According to the records, this site is listed as an inactive, Class II (municipal waste) landfill. Due to the distance, it is unlikely any contaminants from this site will have a significant impact on the subject property.

Unnamed Site (#9 on map)
Avenue 26 and Figueroa Street
Los Angeles, CA 90031

According to the records, this site is listed as an inactive, Class II (municipal waste) landfill. Due to the distance, it is unlikely any contaminants from this site will have a significant impact on the subject property.

Los Angeles County
Fire Department (LACOFD)
Health Hazardous Materials Division

LACOFD maintains inspection and inventory records of companies involved in the storage and use of hazardous materials, petrochemicals, or hazardous waste. LACOFD attempts to maintain a current record of the types of hazardous substances that are utilized or stored at a particular site, and conducts periodic inspections for safety and compliance. In addition, LACOFD maintains records concerning hazardous material sites in Los Angeles County, which are reported to LACOFD by various regulatory agencies. Upon receiving the report, LACOFD monitors the cleanup process on the contaminated site.

According to the LACOFD files, there are no records of hazardous material handlers or hazardous waste generators for the subject or adjacent properties. A review of the Active Mitigation Complaint Control Logs determined there are no listed sites on or adjacent to the subject property.

City of Los Angeles
Fire Department (LAFD)

LAFD maintains inspection and inventory records of companies involved in the storage and use of hazardous materials or petrochemicals. LAFD attempts to maintain a current record of the types of materials that are utilized at a particular site, and conducts periodic inspections for safety and compliance. LAFD also maintains records on underground storage tanks, issues installation and removal permits, and monitors the contamination cleanup process.

A review of the LAFD files determined there are no records of underground storage tanks or current hazardous materials inventories for the subject property.

According to the LAFD files for 3505 Pasadena Avenue, which is the adjacent property to the north, the records revealed the site was previously occupied by Welch's Uniform, a commercial laundering business. In 1987, Welch's Uniform applied for a permit to remove a 2,000-gallon underground diesel fuel tank. Soil sampling beneath the tank revealed significant Total Petroleum Hydrocarbon as gasoline (TPH-g) contamination (8,600 ppm). The groundwater beneath the site was determined to be about 35 feet below the ground surface, and the groundwater flows away from the subject property in a west-northwest direction. In February 1988, Welch's Uniform applied for a permit to abandon five underground storage tanks in-place, and in December 1988, Welch's Uniform applied for a permit to remove five additional underground storage tanks. In May 2004, Welch's Uniform applied for a permit to remove one additional 1,000-gallon underground storage tank. Soil sampling beneath the tank did not detect any contamination problems, and on October 26, 2004, the DPW/UGT issued a no further action letter for the closure of the 1,000-gallon underground tank.

HISTORICAL SOURCES

Historic Sanborn Fire Insurance Maps

Sanborn Fire Insurance Maps provide information on commercial and industrial properties, based on risk data gathered for the fire insurance companies. The maps show the number of buildings located on the property, and the type of construction. The maps also describe the various businesses located nearby, and show the locations of tanks, boilers, and other potential hazards.

A review of the Sanborn Fire Insurance Map collections from 1867-1970, located three maps for the subject property:

Date of Map	Description
1906	The subject property is occupied by 16 residences, 10 sheds, two barns and a small bakery.
1920	The subject property is occupied by 21 residences, nine sheds, seven garages, a bakery and portions of the Los Angeles Rock and Gravel Co., which consisted of eight buildings which were used as oil houses, greases houses, a tool house, an office and an auto repair canopy.
1951	The subject property is occupied by 22 residences, eight garages, a bakery and 10 commercial buildings which were used for offices, warehousing, storage and as workshops. The commercial buildings were occupied by "Steel Framing & Building Corporation."

A review of the Sanborn Fire Insurance Map collections from 1867-1970, located three maps for the area surrounding the subject property:

Date of Map	Description
1906	The property to the north is occupied by six residences, a barn and three sheds. Pasadena Avenue is to the east and there is no map coverage available for the property east of Pasadena Avenue. South of the subject property is Avenue 34 and further south are two stores, 12 residences, nine sheds, a barn and a fruit packing building. West of the subject property is a railroad right-of-way and further west is vacant land and the Arroyo Seco flood control channel.
1920	The property to the north consists of several residences, garages, sheds and three commercial buildings which are occupied by the Los Angeles Rock & Gravel Co. Further north is a large industrial facility which is occupied by Pacific Laundry. Pasadena Avenue is east and further east are several residences, garages and sheds. South of the subject property is Avenue 34 and further south are several residences, garages, sheds and a fuel storage area. West is of the subject property is a railroad right-of-way and further west is vacant land and the Arroyo Seco flood control channel.

Date of Map	Description
1951	The property to the north is occupied by a residence, a garage, two commercial storage building and a ten-car auto storage building. Further north is a large industrial facility which is occupied by Welch's Uniform and Overall Cleaning Co. A dry-cleaning building, a washing room and a 25-car auto storage building are located within the Welch's Facility. Pasadena Avenue is to the east and further east are several residences, garages, sheds and Hillside Elementary School. South of the subject property is Avenue 34 and further south are two stores, several residences, garages, sheds and a scrap metal storage yard. West of the subject property is a railroad right-of-way and a lumber yard which is occupied by Alliance Lumber and Investment Co. Further west is the Arroyo Seco flood control channel.

Historic City Directory Search

City Directories provide information on residential, commercial and industrial properties, and list the business name and address. A review of the historic directories provides an overview of the current and previous occupants of the site.

A search of the Haines Criss Cross City Directories, dated 1972-2009, determined the subject property has been previously occupied by Smith Mailer Inc. (1972-1987), GT Price Products (1972), Alta Canada Corp. (1987), American Bearing (1987), Laramada Corporation (1987), Lorac Financial Services (1987), Metal Service Corporation (1987), American Caster Corporation (1987-1992), Ann Mar Inc. (1987), Empire Button Co. (1987), William Pile Printing (1987-1992), Bob Baker Productions (1992), American Medical Wholesale (2009), Ortiz Transfer & Storage (2009), Ortiz Brothers Moving & Storage (2009), Select Storage (2009) and Studio 34 (2009).

A search of the Haines Criss Cross City Directories, dated 1972-2009, did not identify any listings for the adjacent property to the north. The properties east of Pasadena Avenue have been previously occupied by Hillside Elementary School (1972-2009) and residences (1972-2009). The properties south of Avenue 34 have been occupied by residences (1972-2009), Ishizaki Studios (1987), Argus Tool Manufacturing (1987), Smart Saver (1987-1992), Pasadena Avenue Market (1987-1992), AAA Fashions (1992), Tere's Fashions (1992-2009), Allied Die Cutting (1992), Three Star Refrigeration (1992), ACW Apparel Inc. (2009) and Water Land Inc. (2009). No listings were identified for the adjacent property to the west.

City of Los Angeles
Building Department

A review of the building records for the subject property located the following records:

Date	Activity	Owner
	135 Avenue 34	
01/23	Reroof building	East/Northeast Economic Dev. Corp.
	137 Avenue 34	
01/23	Move residence from 2639 Lacy Bel Avenue	Charles Mattingly
04/61	Demolish dwelling	Cannon Electric Co.
	137½ Avenue 34	
01/23	Move residence from 2641 Lacy Bel Avenue	Charles Mattingly
04/61	Demolish dwelling	Cannon Electric Co.
	139 Avenue 34	
01/23	Move residence from 2643 Lacy Bel Avenue	Charles Mattingly
04/61	Demolish dwelling	Cannon Electric Co.
	141 Avenue 34	
07/16	Add two rooms to residence	Chas Fishback
07/16	Construct garage	Chas Fishback
02/28	Add two bedrooms to house	Felipe Villarreal
07/53	Construct garage	Joseph Gomez
08/56	Demolish building	Teal House Wreckers
08/74	Demolish storage building	East/Northeast Economic Dev. Corp.
	141-149 Avenue 34	
09/56	Construct parking lot	Cannon Electric Co.
04/77	Grade for building site	Los Angeles Economic Dev. Corp.
04/77	Encroach into 169 Ave. 34 & 3505 Pasadena Ave.	Los Angeles Economic Dev. Corp.
07/77	Construct foundation only for factory	Los Angeles Economic Dev. Corp.
08/77	Construct light manufacturing building	Los Angeles Economic Dev. Corp.
11/77	Add office partitions	Los Angeles Economic Dev. Corp.
12/77	Add storage tank for plastic pellets	Los Angeles Growing Corp.
	143 Avenue 34	
08/06	Construct dwelling	F.H. Small
08/56	Demolish building	Teal House Wreckers
08/74	Demolish storage building	East/Northeast Economic Dev. Corp.

Date	Activity	Owner (continued)
	145 Avenue 34	
08/06	Construct dwelling	F.H. Small
08/56	Demolish building	Teal House Wreckers
08/74	Demolish storage building	East/Northeast Economic Dev. Corp.
	147 Avenue 34	
08/06	Construct dwelling	F.H. Small
08/56	Demolish building	Teal House Wreckers
08/74	Demolish storage building	East/Northeast Economic Dev. Corp.
	149 Avenue 34	
08/06	Construct dwelling	F.H. Small
08/56	Demolish building	Teal House Wreckers
08/74	Demolish storage building	East/Northeast Economic Dev. Corp.
	151 Avenue 34	
08/74	Demolish storage building	East/Northeast Economic Dev. Corp.
	153 Avenue 34	
10/29	Construct factory	Frank Mark
08/05	Alter roof on dwelling	George Harris
03/66	Parapet corrections	M. Guillermo
12/00	Full compliance with division 88	Guillermo
	3407 Pasadena Avenue	
4/25	Construct private garage	John Murphy
--/45	Move building to 1037 North Avenue 63	Anne Bremer
06/45	Move garage to 123 West Avenue 34	Cubbison Bakery
08/46	Construct baking supply storage building	Cubbison Bakery
	3409 Pasadena Avenue	
08/12	Construct shed	John Murphy
02/23	Addition to residence	John Murphy
11/41	Add concrete floor for rat proofing	Cubbison Cracker Co.
	3411 Pasadena Avenue	
12/10	Construct shed	John Murphy
09/11	Construct shed	John Murphy
08/14	Rebuild porch on residence	John Murphy
09/36	Construct truck shelter	Sophie Cubbison
12/36	Construct storage building	Sophie Cubbison
09/40	Move residence to 9815 Telfair Avenue	L. Simon
04/54	Reroof shed and loading dock with metal roof	Cubbison's Bakery

Date	Activity	Owner (continued)
	3413 Pasadena Avenue	
06/41	Add 30' x 96' to bakery	Cubbison Cracker Co.
	3415 Pasadena Avenue	
07/87	Reroof building	---- Construction Co.
	3415-3419 Pasadena Avenue	
07/65	Parapet correction	Crocker Citizen Bank Trust Dept.
03/87	Full compliance with Division 88	---- Investment Co.
	3419 Pasadena Avenue	
09/25	Addition to bakery	Cubbison Bakery
09/25	Demolish old building	Cubbison Bakery
11/25	Construct private garage	Cubbison Bakery
06/28	Enlarge building	C.H. Cubbison
06/28	Remove brick and wood building	C.H. Cubbison
08/28	Add mezzanine	C.H. Cubbison
03/47	Add mezzanine	Cubbison Cracker Co.
04/55	Add toilets	Cubbison Cracker Co.
07/56	Interior partitions	Canon Electric Co., Lessee
	3421 Pasadena Avenue	
01/08	Construct residence	Mary Lawson
05/14	Add gas outlets	May Lawson
01/17	Add room to rear of house	James Smith
10/61	Demolish residence	Cannon Electric Co.
	3421-3423 Pasadena Avenue	
10/12	Repair residence	Jerry Hickey
	3423 Pasadena Avenue	
10/12	Construct residence	Mary Lawson
01/24	Construct real estate office	Catherine L. Condra
10/61	Demolish residence	Cannon Electric Co.
	3425 Pasadena Avenue	
07/51	Demolish residence	Stran Steel Products Co.
07/67	Prepare building site	Smith Mailer Co.
07/67	Construct industrial building	Smith Mailer Co.
08/67	Remove and re-compact loose fill soil	Smith Mailer Co.
08/67	Add 20'x85' to manufactured building	Smith Mailer Co.

Date	Activity	Owner (continued)
		3429 Pasadena Avenue
11/12	Add chimney to residence	Mrs. Zonberg
07/51	Demolish residence	Stran Steel Co.
		3431 Pasadena Avenue
06/11	Add 6' to back porch	A. Fornberg
12/12	Build outside chimney	A. Fornberg
07/51	Demolish residence	Stran Steel Co.
		3433 Pasadena Avenue
01/74	Add 26'x96' metal carport	Smith Mailer Co.
		3437 Pasadena Avenue
04/06	Construct cow barn	Mrs. Sherman Smith
01/37	Construct private garage	William G. Short
09/38	General repairs	H.H. Moser
08/56	Demolish residence	Teal House Wreckers

No other building or demolition permits were on file for the subject property.

SUMMARY OF PREVIOUS ENVIRONMENTAL REPORT

On March 2, 2000, Orswell & Kasman, Inc. (OKI) prepared a Phase I Environmental Site Assessment Report on the 141 Avenue 34 building. The OKI report included a review of the regulatory records, a review of the historical documents, an inspection of the surrounding properties and an interview with the property owner. At the time of the inspection, the 141 Avenue 34 building was occupied by Studio 34, a film production studio; and by Select Storage, a storage facility. The report stated that small quantities of water-based paint and oil-based paint were stored and used inside the building and the hazardous materials appeared to be properly stored and managed. Mr. Eric Ortiz, the property owner, stated the tenants are responsible for the disposal of any waste paints which are generated by the business activities. He said he was not aware of any chemical spills or contamination problems with the site. The report concluded that the adjacent property to the north (Welch's Uniforms) was identified as a clean up site that was addressing the contamination problem. Based on the results of the assessment, OKI concluded that no further environmental studies were recommended for the site.

On August 1, 2005, OKI prepared a Phase I Environmental Site Assessment Report on the 135 Avenue 34 and 3401 Pasadena Avenue buildings. The OKI report included a review of the regulatory records, a review of the historical documents, an inspection of the surrounding properties and an interview with the tenant. At the time of the inspection, the buildings were occupied by United Finishing and Laminating, a commercial laminating business. The report stated that small quantities of lubricating oil, bio-degradable detergents, glues and gear oil were stored and used inside the building and the materials appeared to be properly stored and managed. Pat Moller, the tenant at the site, stated the business stored and used small quantities

of hazardous materials, which were stored in five-gallon containers inside a fenced compound in the storage yard. Mr. Moller advised no hazardous wastes were generated from the business activities, and he was not aware of any chemical spills or contamination problems with the site. The OKI report concluded that the adjacent property to the north (Welch's Uniforms) was identified as a clean up site that was addressing the contamination problem. Based on the results of their assessment, no further environmental studies were recommended for the site.

On September 28, 2012, OKI prepared a Phase I Environmental Site Assessment report on the subject and surrounding properties. The OKI report included a review of the regulatory records, a review of the historical documents, an inspection of the surrounding properties and interviews with the property owner and the tenant. The property consisted of five separate industrial buildings with paved parking and storage areas. At the time of the inspection, the subject property was occupied by Ortiz Bros. Moving & Storage, a moving company; The Submission Factory, a gym; Water Wellness, an office; and Warner Brothers Studios, a prop design business. Large quantities of water-based paint were stored and used inside the 3433 Pasadena Avenue building, and hazardous waste in the form of waste paint was generated by the business activities. The safety manager for Warner Brothers Studios, provided a hazardous waste manifest from Rinco Environmental Services stating an unknown amount of waste paint was collected and removed from the site. Eric Ortiz, the property owner, stated the tenant is responsible for disposing any hazardous wastes which are generated by the business activities. He said he was not aware of any chemical spills or contamination problems with the site. No signs of illegal dumping or distressed vegetation were observed on the property. There was no evidence of underground storage tanks, wells, or septic tanks on the property, and there was no indication of obvious contamination on the site.

A review of the building permit records, historical aerial photographs, Sanborn fire insurance maps, assessor records and historic city directories determined the 153 Avenue 34 building was constructed over 83 years ago and the site was previously occupied by residences. The 141 Avenue building was constructed in 1977, and the site was previously occupied by portions of the Los Angeles Rock and Gravel Co., which included structures used for auto repair and two oil houses. The 141 Avenue 34 building was previously occupied by The Steel Framing and Building Corporation, several light-industrial buildings and several residences. The 3401 Pasadena Avenue buildings were constructed between 1948 and 1953, and the site was previously occupied by another commercial building and several residences. The 3433 Pasadena Avenue building was constructed in 1967 and the site was previously occupied by several residences.

A review of environmental regulatory agency records did not identify any reported contamination problems with the subject property. Eleven offsite locations were identified as potential risks or threats to the subject property. According to the data, ten of the sites were not located in the near vicinity, and there was no indication that contaminants from those sites had migrated onto the subject property. The adjacent property to the north (Welch's Uniform Facility) was identified by State of California Environmental Protection Agency (CAL-EPA) Department of Toxic Substances Control (DTSC) as an active hazardous waste site. In addition, the adjacent property was also identified by the State of California Regional Water Quality

Control Board (RWQCB) as having two open RWQCB Cleanup Program cases. There was no indication from a review of the regulatory records and a site inspection of the subject property that the property had any problems concerning the storage, usage or disposal of hazardous materials. Based on the results of their assessment, the OKI report concluded, no further environmental studies were recommended for the site.

SUMMARY

Based on a review of regulatory records and a visual inspection of the site and surrounding area, no *potential environmental concerns* were identified with the subject property, except as follows:

Nine offsite locations have been identified as potential risks or threats to the subject property. According to the data, seven of the sites are not located in the near vicinity, and there is no indication that contaminants from these sites have migrated onto the subject property.

A review of the October 2013 State of California Environmental Protection Agency (CAL-EPA) Department of Toxic Substances Control (DTSC) records determined the adjacent property to the west (Metro Rail Pasadena Blue Line between Avenue 33 and French Avenue) is identified as a hazardous waste site that was referred to another agency for cleanup in December 2001. According to the records, the site has had no known uses other than train traffic. Seventeen borings were advanced along the railroad right-of-way area, and analytical test results indicated high concentrations of lead, polychlorinated bi-phenyls (PCBs), tetrachloroethane (PCE) and trichloroethylene (TCE) contamination in the soil and groundwater beneath the site. On December 27, 2001, the case was referred to the Regional Water Quality Control Board (RWQCB) for oversight, and no further information is available at this time; and

The former Welch's Uniform Rental Facility site (#5 on map), 3505 Pasadena Avenue, is located on the adjacent property to the north, and the business is identified by State of California Environmental Protection Agency (CAL-EPA) Department of Toxic Substances Control (DTSC) as an active hazardous waste site. According to the DTSC database records, the soil is contaminated with trichloroethylene (TCE). A site investigation or remediation of the site is currently in progress. According to the records, the 2.6 acre site was previously occupied by Welch's Uniform, a commercial linen and apparel laundering and delivery service. The former business operated at the site from the 1920s throughout 1988. TCE was first discovered at the site in 1988 when vapor extraction wells were first installed on the property. Several follow-up investigations have been completed at the site which included soil sampling, soil vapor sampling, the installation of 14 groundwater monitoring wells, the installation of seven soil vapor wells and semi-annual soil and soil vapor monitoring. In 1993, the buildings at the former Welch's Uniform Facility were demolished and removed from the site. In 2007, the Department of Toxic Substances Control (DTSC) began overseeing the site investigations, monitoring and clean up efforts at the site. Previous environmental studies conducted at the site indicate the soil and groundwater beneath the facility was

contaminated with volatile organic compounds (VOCs) and petroleum based hydrocarbon cleaning solvents including tetrachloroethene (PCE) and TCE. The current owner (AmeriPride Services Inc.) and the DTSC entered into a voluntary agreement to clean-up the site. In 2013, a soil vapor extraction (SVE) system and 32 SVE wells were installed at the site to remediate the PCE and TCE contamination. The SVE system is scheduled to operate at the site until contamination levels are reached which do not pose a significant risk to human health and the environment. In addition, the former Welch's Uniform Rental site is also identified by the State of California Regional Water Quality Control Board (RWQCB) as having two open RWQCB Cleanup Program cases. The case was first opened in December 1987, and the site is identified as an open Cleanup Program Site that is currently inactive. According to the records, the groundwater is potentially contaminated with solvents and non-petroleum hydrocarbons. A second case was opened in December 1998, and the site is identified as an open Cleanup Program Site that is undergoing a site assessment. According to the records, the site is potentially contaminated with petroleum, unidentified fuels, oil and volatile organic compounds (VOCs). Both of the cases were transferred to the Department of Toxic Substances Control (DTSC) for oversight on December 18, 2006. Lastly, a review of the City of Los Angeles Fire Department (LAFD) records revealed Welch's Uniform applied for a permit to remove a 2,000-gallon underground diesel fuel tank in 1987. Soil sampling beneath the tank revealed significant Total Petroleum Hydrocarbon as gasoline (TPH-g) contamination (8,600 ppm). The groundwater beneath the site was determined to be about 35 feet below the ground surface, and the groundwater flows away from the subject property in a west-northwest direction. In February 1988, Welch's Uniform applied for a permit to abandon five underground storage tanks in-place, and in December 1988, Welch's Uniform applied for a permit to remove five additional underground storage tanks. In May 2004, Welch's Uniform applied for a permit to remove one additional 1,000-gallon underground storage tank. Soil sampling beneath the tank did not detect any contamination problems, and on October 26, 2004, the DPW/UGT issued a no further action letter for the closure of the 1,000-gallon underground tank. An inspection of the property revealed the site is currently a vacant lot, and remedial activities were being conducted on the site.

Should it be determined the groundwater beneath the subject property has in fact been impacted by the Former Welch's Uniform Rental site or the Metro Rail Pasadena Blue Line site, it is the policy of the State of California and the United States Environmental Protection Agency not to hold property owners responsible for costs to clean up contaminated groundwater beneath their property, unless the owners contributed to the problem. There is no indication from a review of the regulatory records and a site inspection that the subject property has had any problems concerning the storage, usage or disposal of hazardous materials, and it appears the responsible parties are in the process of addressing the contamination problem.

RECOMMENDATIONS

Based on the results of this assessment, no further environmental studies are recommended for the site.

Appendix F

Professional Qualifications and Liability Insurance

Don Kellar, M.S., REP, PG
National Client Manager/Hydrogeologist
Los Angeles Office
don@frenviro.com
(310) 876 4128

Don Kellar is National Client Manager Manager and Hydrogeologist within Fulcrum Resources Environmental

Don specializes in helping clients with the following:

- Transaction Screen Assessment
- Phase I and II environmental site assessment
- Site investigation and assessment
- Technical site review
- RFI sample program management
- Alternative Energy
- Asbestos inspections associated with demolition, restoration and renovation
- Remediation and Monitoring Tactics
- Health and Safety- Environmental Construction/drilling
- CEQA/NEPA
- Agency Oversight Assistance

Key Experience/Key Projects -

World Oil Groundwater Monitoring and Sampling

- Performed field work, project management, budgeting, client management, and completion of report for over 200 sites nationwide. Mr. Kellar managed a total of 18 sites under World Oil Corporation, and an additional 10 sites under Exxon/Mobil. Mr. Kellar also had the privilege of conducting this work nationwide throughout California, Arizona, Colorado, Maine, Rhode Island, Connecticut, New York, Massachusetts, Nevada, and Michigan.

Phase I and II Environmental Site Assessments

- Performed over 2,000 environmental site assessments nationwide since 2001 that include but not limited to gas stations, dry cleaners, heavy manufacturing sites, multi-tract residential apartments and housing. Mr. Kellar also has extensive involvement with Non-CERCLA sampling per specific client protocol that include asbestos sampling, lead-based paint sampling, radon testing, and lead in water sampling.

  Mr. Kellar managed Bank of America's REO portfolio between 2008 and 2010 throughout the western United States. These assessments included a former landfill turned golf course, a former silver mine, numerous farming and agricultural parcels, brownfield redevelopments; recycling facilities; medical facilities; small and large shopping plazas; and developed or partially developed residential communities.

  Experienced as a client and project manager for over 30 Shell Oil Sites with duties ranging from surface and subsurface investigations; pilot studies; assistance with onsite engineer for Phase III remediation; and agency correspondence. Under the mentorship of numerous PGs, CHGs, and PEs, Mr. Kellar has become very experienced in the troubleshooting remediation options for prospective clients.

Health and Safety

- As former Health and Safety Officer for Geologic Services Corporation's West Coast Office, Mr. Kellar gained experience in identification, handling, disposal of different hazardous wastes, and the development of emergency response plans for gas stations and industrial sites.

Education

Bachelors of Science in Physical Geography, University of Michigan, 2002 Minor Music
Scholar Award 2001

Masters of Science in Hydrogeology, California State University Los Angeles, 2005

Professional Papers

Identification of Water Sources during Wet and Dry Months within Medea Creek Through Ion and Isotope Analysis. Research Paper for California State University-Los Angeles, October 2009

Certifications

- California Registered Environmental Assessor #30026
- 40-hour OSHA HAZWOPER with Refresher
- United States Green Building Council Member-Los Angeles
- National Registry of Environmental Professionals #624658052
- California Licensed Professional Geologist-#9192
- Florida Licensed Professional Geologist-#2858

Languages-English, Moderate Speaker of Spanish and Chinese

Ling (Caroline) Cao, M.S.
Principal Consultant/West Coast Operation's Manager
Los Angeles Office
ling@frenviro.com
(626) 429 1480

Ms. Cao is the Principal Consultant and West Coast Operation's Manager within Fulcrum Resources Environmental

Ms. Cao specializes in helping clients with the following:

- Transaction Screen Assessment
- Phase I and II environmental site assessment
- Site investigation and assessment
- Technical site review
- Biology and Ecology
- Property Condition Assessments
- Asbestos and Lead-based Paint inspections associated with demolition, restoration and renovation
- Lead-in-water and Radon Testing
- Consulting with Chinese Community
- Health and Safety- Environmental Construction/drilling
- CEQA/NEPA

Key Experience/Key Projects -

Palos Verde and El Sobrante Landfills
Corona Granite and Silicone Quarry

- Performed field work, project management, budgeting, client management, and completion of Phase I Reports. Ms. Cao was able to identify multiple environmental issues and provide client with direction and assistance with respective agencies.

Phase I and II Environmental Site Assessments

- Performed over 1,000 environmental site assessments nationwide since 2003 that include but not limited to former Talley Corporation in Thousand Oaks, SCGA Golf Course in Murrieta, the 536-acre Dos Lagos master-planned and mix-used development in Corona, and silica mines. Ms. Cao also performed due diligence on various gas stations, dry cleaners, chemical plants, heavy manufacturing sites, multi-tract residential apartments and housing. Ms. Cao also has extensive involvement with Non-CERCLA sampling per specific client protocol that include asbestos sampling, lead-based paint sampling, radon testing, and lead in water sampling.

  Mr. Cao has extensive experience with portfolio HUD projects under Fannie Mae and Freddie Mac Guidelines.

Business Development/Customer Service

- Ms. Cao has earned a stellar reputation with providing numerous clients with the excellent customer service on over 1,000 nationwide transactions. Ms. Cao's technical experience combined with customer service has played a vital role in the growth to date of Fulcrum Resources Environmental.

Ms. Cao is majority owner of Fulcrum Resource Environmental and is currently heading the company towards Government 8A status.

Education

Bachelors of Science in Biology, California State University Los Angeles, 2004
Deans List 2004 and 2005

Master of Science in Biology, California State University Los Angeles, 2011

Certification

- Registered Environmental Property Assessor #937750
- 40-hour OSHA HAZWOPER Training Certificate
- Certified Mold Specialist Certification #12-7-548 by American Mold Institute
- Lead Certified Renovator Certificate #R-I-18351-12-02642 by National Center for Healthy Housing
- Certified Asbestos Abatement Contractor Supervisor
- Certified Asbestos Building Inspector
- Certified Asbestos Management Planner
- Certified Asbestos Abatement Project Designer

Languages

- English and Chinese

John Winkler, PG
Senior Geologist/Regional Manager
Thousand Oaks, California Office
Los Angeles, Ventura, Kern, Santa Barbara, and San Luis Obispo Counties
john@frenviro.com
(805) 338 8008

Mr. John Winkler is a Senior Geologist within Fulcrum Resources Environmental

John specializes in helping clients with the following:

- Phase I and II environmental site assessment
- Site remediation
- Technical site review
- Well installation – Monitoring/extraction/production/injection
- Groundwater monitoring and compliance activities
- Health and Safety
- Environmental Construction/drilling – Direct push/hollow-stem auger/mud rotary/air rotary/reverse circulation/CPT
- Hazardous Materials Management
- Waste profiling/treatment/disposal

Key Experience/Key Projects -

Restaurant Property, Malibu, CA

- Mr. Winkler provided environmental consulting for the seller of a property that was developed as a restaurant, but historically was occupied by a gasoline service station. The gas station was closed in the 1960's, prior to purchase by the property owner, and USTs were discovered and removed in 2004. Site assessments indicated petroleum hydrocarbon impact to soil and groundwater. Furthermore, seepage pits for wastewater complicated contaminant transport in the subsurface. Mr. Winkler assisted the property owner to identify the former UST owner/operator, who then agreed to assume Responsible Party status. Subsequently the property owner was able to complete the sale of the property.

Commercial Retail Center, Montebello, CA

- Mr. Winkler provided environmental consulting for a property owner seeking a refinance loan of a 7.56-acre multi-tenant retail shopping center. A Phase I ESA was conducted and an existing dry cleaner unit was determined to have operated for over 25 years, indicating a risk of a release of dry cleaning solvent. A Phase II assessment was conducted at areas of Haz Mat use. Results indicated low levels of PCE in soil and soil vapor below the unit, with no threat to groundwater, but a risk for vapor intrusion. To mitigate the risk, Mr. Winkler managed the following: 1) improvement of secondary containment; 2) improvement of engineered air flow; and, 3) installation of a vapor barrier. Based on the mitigation of the risk of vapor intrusion, the lender approved the loan.

.

Commercial Property, Pomona, CA

- Mr. Winkler provided environmental consulting for a property that was placed in receivership, partly to provide time to assess the environmental risks. A Phase I ESA was conducted and research indicated the site was developed in 1961, and USTs were installed on the property and subsequently removed, but closure was not documented. Additionally, data gaps on past site use existed. Site assessments indicated no significant impact from the fuel USTs; however, elevated concentrations of PCE in soil were detected. A nearby property had a catastrophic train derailment that released PCE to the subsurface and the elevated levels on the subject property were determined to have an off-site source. The UST case was successfully closed with the oversight agency.

Fields of Competence
- Environmental site assessments
- Environmental remediation
- Hazardous Materials Management

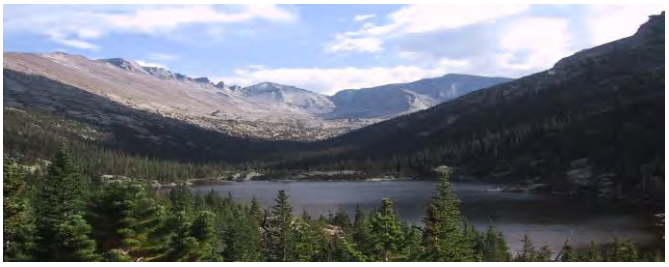
Education
- Bachelors of Science in Geology, University of New York at Cortland
- Certificate in Hazardous Materials Management, University of California, Santa Barbara

Certification
- California Professional Geologist No. 7456
- 40-hour OSHA HAZWOPER
- California Certified Volunteer Fire Fighter, 1998
- Hazardous Materials First Responder Operational CCR Section 8574.20, 1998
- Los Angeles Refinery Safety Training
- First Aid and CPR for the Professional Rescuer

Languages
- English, native speaker

Key Industry Sectors
- Commercial real estate transactions
- Aerospace
- Retail Petroleum
- Local Government Agencies
- Oil and Gas Industry

Jeffrey R. King, CPG
Regional Project Manager/Environmental Consultant
Hawaii Office
jeff@frenviro.com
(808) 344-2871



Jeff King is a Regional Project Manager and Environmental Consultant within Fulcrum Resources Environmental.

Jeff specializes in helping clients with the following:

- Transaction Screen assessment
- Phase I and II environmental site assessment
- Site investigation and assessment
- Senior technical review and peer review
- Subsurface investigation with various drill rig technologies
- Underground Storage Tank (UST) investigation, removal, and closure
- Asbestos, lead-based paint, hazardous materials inspection and sampling
- Mold and indoor air quality investigation
- Regulatory compliance/waste management/permitting
- Environmental health and safety
- Emergency response
- Storm water sampling
- Geophysics
- SPCC plans
- Remediation system O & M

Key Experience/Key Projects:

Environmental Site Assessments

- Performed hundreds of Phase I and II environmental site assessments (ESAs) nationwide for various clients on various commercial, industrial, residential, agricultural, and undeveloped properties. Also performed peer review for a national client of other consultant's ESAs.
- Project manager for Phase I ESA of a west Maui 4,000+ acre group of properties slated for future residential and commercial development. The properties consisted of former agricultural, industrial, commercial, and forest reserve lands.
- Project manager for Phase I ESAs and updates of several Oahu and Maui wind and solar farm properties for major alternative energy producers.

Site Characterization and Remedial Activities

- As a Michigan Certified UST Professional, performed senior technical review and oversight for numerous leaking UST sites throughout the state.
- Performed field investigation and report preparation for 14 previously removed USTs (within nine excavation areas) and two UST piping areas at the former Raco Airfield and BOMARC Missile Site in Michigan's Upper Peninsula. Most of the analytical testing was performed onsite using a mobile laboratory in order to delineate the extent of impact while at the site.
- Performed field investigation and report preparation for the removal of six USTs at an automotive repair facility in Highland Park, Michigan. Closure was obtained through application of RBCA techniques including indoor air quality evaluation, maintenance of pavement and floors, and filing appropriate notices of corrective action with affected parties and the Register of Deeds.

Asbestos, Lead-Based Paint, and Hazardous Materials

- Performed many inspections and surveys for various Maui and Hawaii properties including state hospitals, county facilities, major shopping malls and resorts, and other various sites.

Education

Bachelor of Science, Geology, University of California, Los Angeles, California, 1979

Graduate Courses in Hazardous Materials Management, Wayne State University, Detroit, Michigan, 1988-89

Risk-Based Corrective Action (RBCA) Course, Michigan Department of Environmental Quality, 1995

Certified Hazardous Materials Manager (CHMM) Overview Course, CHMM-Michigan, 2008

Certification

- Indiana Licensed Professional Geologist (LPG No. 1795)
- Hawaii Certified Asbestos Building Inspector (HI ASB No. 3545)
- Hawaii Certified Lead Risk Assessor (Cert. No. PB-0663)
- 40-hour OSHA HAZWOPER Training and current 8-hour refresher

Languages

- English, native speaker

Honors and Activities

Received a letter of commendation from Ford Motor Co. Environmental Services for outstanding project performance.

Served as local membership chair for Association of Environmental and Engineering Geologists (AEG). Also served on meeting committee for October 2004 national AEG meeting in Dearborn, Michigan.

Bryan Miles, P.G.
Regional Client Manager, Professional Geologist
San Diego & Orange County
bryan@frenviro.com
425.270.9914

Bryan Miles has been managing environmental site assessment and remediation projects in California since 2001. He has been a licenced Professional Geologist (CA 8739) since 2010.

Bryan specializes in environmental site assessment and remediation including the following specialties:

- Phase I and II environmental site assessment
- Contaminated site closure strategy (NFA)
- Vapor intrusion modeling
- Vapor intrusion mitigation
- Indoor air quality assessment and monitoring
- Groundwater modeling
- Contamination fate and transport modeling
- Site Conceptual Modeling
- Soil, soil vapor and groundwater sampling
- UST Removal
- Soil Vapor Extraction
- Chemical contamination analysis
- In-situ Chemical Remediation
- Remediation Action Plan preparation and implementation
- Geologic assessment and interpretation
- Regulatory guidance, interaction and management
- Health and Safety - Environmental Remediation/Construction/drilling

Key Experience/Key Projects:

Phase I and II Environmental Site Assessments

- Completed numerous environmental site assessments nationwide since 2001, including but not limited to retail gas stations, dry cleaners, metal plating facilities, railroad; and industrial, commercial and residential transactions.

- Vapor Intrusion, groundwater, and site conceptual modelling; as well as contaminant fate and transport.

- UST removal; soil, soil vapor and groundwater monitoring and sampling, monitoring well design and install.

Site Assessment and Remedial Project Highlights

- Successfully guided contaminated properties towards no further action (NFA) for numerous clientele including lenders, property owners, insurance agencies and brokers.

- Managed site investigation and remediation activities; including design and installation of two dual-phase extraction systems, for multiple responsible parties for a commingled free product and petroleum hydrocarbon groundwater plume encompassing two city blocks in the Harbor District to San Diego

- Guided oversight and technical support for In-situ bioremediation injection using Hydrogen Release Compound (HRC) and Oxygen Release Compound (ORC). at the BNSF Railroad Trigo Facility in Trigo, California

- Managed hydrogeologic and soil assessment related to leaking heating oil UST in downtown Seattle. Assessment included, soil sampling, indoor air sampling, well installation and LNAPL assessment. Project involved coordination with Ecology and neighboring stakeholders regarding off-site dissolved-phase and LNAPL plume migration.

- First responder involved with assessment and remediation for two major gasoline tanker spill (>2000 gallons) on Interstate 90 in Cle Elum Washington; spills occurred at separate times within 2015.

- Managed vapor intrusion source, assessment and mitigation including Johnson & Ettinger Vapor Intrusion Model for numerous site sites throughout California.

Education

B.S. Geological Sciences, University of California Santa Barbara, 2002

Certification

- California Licensed Professional Geologist (P.G.) #8739
- Washington Licenced Geologist (L.G.) #3090
- 40-hour OSHA HAZWOPER Training
- Adult and Pediatric First Aid/CPR/AED

Languages

- English
- Spanish

Personal Interests

I have a passion for music, surfing and trail running. I have completed three ultra-marathons, three marathons, a 3-day stage race through the Colorado Rockies and numerous half marathons and shorter distances. I am a musician and singer-songwriter. I recorded an album and play at local restaurants and coffee shops. My greatest satisfaction comes from spending time with my family.

Hao Zhang, M.S., PE, QSD
Regional Project Manager/Engineer
San Francisco Office
hao@frenviro.com
(626) 840-7843

Hao Zhang is a Regional Project Manager and Engineer within Fulcrum Resources Environmental.

Hao specializes in helping clients with the following:

- Transaction Screen Assessment
- Phase I and II environmental site assessment
- Site investigation and assessment
- Technical site review
- RFI sample program management
- Hazardous Waste Tank System CUPA PE Certification
- Remediation and Monitoring Tactics
- Soil Vapor Extraction
- In-situ Chemical Remediation
- Remediation Action Plans Implementation
- Vapor Intrusion Mitigation
- Contaminated Site Closure
- Oil Well Abandonment
- Soil Management Plan Implementation
- Health and Safety - Environmental Remediation/Construction/drilling

Key Experience/Key Projects:

Phase I and II Environmental Site Assessments

- Performed over 200 environmental site assessments nationwide since 2014, including but not limited to gas stations, dry cleaners, heavy manufacturing sites, and multi-tract residential apartments and housing.

- Performed soil, soil vapor, and groundwater sampling and investigations.

- Supervised and conducted well installations, trenching, well gauging, groundwater monitoring, and MIP investigations.

Site Characterization and Remedial Activities

- Performed site investigation and remediation activities to address chlorinated solvents (PCE, TCE), petroleum hydrocarbons, benzene, ethylbenzene, MTBE, and chromium contamination in soil and groundwater;

- Prepared Corrective Action Plans (CAPs)/Remediation Action Plans (RAPs), pilot test and treatability study work plans, Soil Management Plans (SMPs), remediation status reports, and groundwater monitoring reports to meet environmental permitting requirements;

- Performed soil excavation, Soil Vapor Extraction (SVE), in-situ chemical injections, and soil flushing remediation strategies to achieve site clean-up goals and No Further Action letter for multiple contaminated sites.

- Performed vapor intrusion investigation and vapor mitigation system installation in construction of new buildings.

Health and Safety

As former Health and Safety Officer for Tetra Tech's Southern California Office, Ms. Zhang gained experience in identification, handling, and disposal of different hazardous wastes, and the development of emergency response plans for brownfield redevelopment and remediation sites.

Education

Bachelors of Science in Environmental Science, Nankai University, China 2007-2011

Master of Science in Environmental Science and Engineering, California Institute of Technology, U.S. 2011-2013

Certification

- California Licensed Professional Engineer (PE) #C85825
- California Qualified SWPPP Developer (QSD)
- 40-hour OSHA HAZWOPER Training
- 30-hour OSHA Construction Training
- 8-hour OSHA HAZWOPER Supervisor Training
- Adult and Pediatric First Aid/CPR/AED

Languages

- English
- Mandarin Chinese

Professional Publication & Presentations

Unique Injection Well Design and Implementation for ISCO at an Active Shopping Center. *26th Annual International Conference on Soil, Water, Energy, and Air,* ***Association*** *for* ***Environmental Health and Sciences Foundation (AEHS)****. 2016, March 23.*

Emily Sturnfield, MS, PG
Regional Project Manager
Fulcrum Resources Environmental
PO Box 13646
Seattle, WA 98198
emily@frenviro.com
cell: (847) 404 9982

Technical Expertise

- Transaction Screening Assessments
- Phase I Environmental Site Assessments
- Phase II Environmental Site Investigations
- Technical Site Review
- Site Characterization
- Brownfield Remediation
- NEPA Environmental Impact Statements
- Environmental Regulatory Compliance

Phase I and II Environmental Site Assessments

- Performed 500+ Phase I Site Assessments, including restaurants, commercial storage properties, office and residential properties, gas stations, dry cleaners, manufacturing sites, communications facilities, public works projects (such as roadway & sewer improvement projects) and former military installations (2011-2019).

- Extensive experience in proposal preparation and field work involving Phase II Assessments. Phase II Subsurface Investigations range from investigating dry cleaner sites, heavy manufacturing sites, or gas stations. I have been involved from proposal preparation and client management to completion of report and agency correspondence (2011-2019).

Remediation / Regulatory Closure

- Extensive experience with site characterization and remedial action / closure projects. Also experienced in preparing Corrective Action Plans, Remediation Action Plans, Site Closure Reports, and status/monitoring reports. (2011-2019).

Federal Compliance Experience

- Experience with facility regulatory environmental compliance inspections to assess and remediate facility compliance with local, state, and federal laws in the following states and territories: Washington, Oregon, California, Nevada, Montana, Arizona, and Guam.

Municipal Consulting Experience

- 6+ years as a consultant for municipal clients, providing a wide variety of environmental services, which include: Phase I & Phase II projects; agency negotiation and compliance expertise; brownfield remediation and site redevelopment; waste characterization; soil management; and technical environmental oversight of public works projects, such as wetland and stream management, local roads and sewer improvements, and grants (2011-2017).

- Project Manager for 3.5-million dollar Illinois Department of Transportation (IDOT) Hazardous Waste Contract as a consultant conducting Preliminary Environmental Site Assessments (PESA) and Preliminary Site Investigations (PSI), Soil Management Plans, and waste disposal management (2016-2017).

Education

Bachelors of Science in Geology, Northern Illinois University, 2009

Master of Science in Geology and Geospatial Science, Missouri State University, 2011

Certifications

- 40-hour OSHA HAZWOPER
- Washington Licensed Professional Geologist #3209
- Illinois Licensed Professional Geologist #196.001427
- Indiana Licensed Professional Geologist #2575
- Wisconsin Licensed Professional Geologist #1348

Professional Affiliations

ASTM Environmental Committee E50

Greg L. Gavasse, MSSE, P.E.
Senior Engineer
Los Angeles Office
calquake@roadrunner.com
(805) 202 1362

Greg Gavasee is Senior Engineer within Fulcrum Resources Environmental

Greg specializes in helping clients with the following:

- Building Engineering Reports (over 3,500 Property Condition Assessments)
- Seismic Evaluations (PMLs, SELs, and SULs)
- Technical site review
- HUD, ASTM, FNMA, FREDDIE MAC, and GMAC
- Building Design Consulting
- Drainage, pavement, life safety, electrical, plumbing, mechanical, and structural analysis
- Government Agency Contracting

Key Experience/Key Projects -

High Rise Building-777 Tower, Los Angeles, CA

- Conducted a building engineering report that included a review of "as-built" plans, construction and maintenance documents; analysis of the electrical, plumbing, mechanical, conveyance, structural and life safety systems; review of the building interior and exterior components, and a complete review of the facilities compliance with the Americans with Disabilities Act (ADA). A seismic assessment (SEL/SUL) was also performed.

Los Angeles MTA Rapid Bus Project, Los Angeles, CA

- Mr. Gavasee was the project director in charge of consultant procurement/management, design development and final design, construction management, project scheduling using CPM, project compliance with federal, state, and local regulations, permitting, and construction monitoring. This public works project involved the installation of 62 Rapid Bus Shelters, which included street lighting, kiosks, changeable message signs, and hardscape. This state of the art bus shelter system communicates with busses via modern communication and updates passengers on bus arrival times. This project was completed in 21 days ahead of schedule and $630,000 of the set $4.6 million dollar budget.

Structural Engineering, Southern California

- Mr. Gavasee has conducted over 3,500 Property Condition Assessments and contains a wealth of knowledge within structural design and engineering. Design experience includes concrete tilt-up structures; wood, steel, and concrete frame structures; pier foundation for steel erector crane; pier foundations for monopole and lattice tower antennas; bridge load rating and retrofitting; fatigue and fracture critical analysis of steel bridges, and concrete and GFRC panels.

Fields of Competence

- Structural Engineering and Design
- Structural Assessments
- Technical Review
- Consulting

Education

Bachelors of Arts in Business, University of California at Santa Barbara, Santa Barbara California

Masters of Science in Structural Engineering, San Jose State University, Los Angeles

Certification

- California Professional Engineer, CA License No. 61447
- General Engineering Contractor, California "A" License No. 560011
- General Building Contractor, California "B" License No. 560011
- Structural Pest Control Board-Field Representative, California License No. 44465

Languages

- English, native speaker

Key Industry Sectors

- HUD, ASTM, FNMA, FREDDIE MAC, and GMAC
- Construction management
- Architectural Design

Previous representative employers –

- Cal-Quake Engineering, Inc

Jyh-Yih (Jerry) Ren, PhD, P.E.
Project Manager, Principal Consultant
Anaheim Office
renjyhyih@yahoo.com
(626) 780-8960

Jerry Ren is Project Manager and Project Engineer

Jerry specializes in helping clients with the following:

- Combustible soil gas control
- Residential area gas barrier design
- Oil field soil vapor control
- Landfill gas collection system design
- Landfill gas to energy
- Blower and flare station
- Gas recovery and treatment system design

Key Experience/Key Projects -

Norco Corona School District (Corona, CA)

- Served as Project engineer for the methane protection system design of Rosa Parks Elementary School. The system design included trench plan, membrane plan, and vent risers details.

Methane Mitigation Projects (Los Angeles, CA)

- Responsibility included soil gas test and methane barrier design for several clients where methane gas mitigation for building structures was required by local building codes.

Brea Olinda Master Community Association

- Responsibility included field supervising of monitoring of tar seeps and methane mitigation systems as well as directing of non-routine and emergency response services as required in accordance with the requirements of the Orange County Fire Authority and the City of Brea. The project experience included soil remediation system design.

University of Irvine (Irvine, CA)

- Responsibility included assisting in the preparation of a Remedial Action Plan (RAP) and feasibility study for soil and groundwater remediation using dual phase vapor extraction technology at a fleet services facility. The project experience included assisting in the design of a remediation system for soil and groundwater cleanup to bring the site to closure. Remediation of soil and groundwater was completed and verified by post-closure monitoring of groundwater.

Blue Ridge Landfill (Fresno, TX)

- Served as Project engineer for the engineering and construction of a $6M landfill gas (LFG) energy recovery system with 34-mile gas pipeline. The system designed for an initial capacity of 5,000 SCFM and a maximum capacity of 9,000 SCFM LFG. The compressor plant includes a screw gas compressor, gas dehydration in a custom designed heat exchanger skid, redundant outlet gas scrubbers, and gas analyzers to measure gas quality before injection into the pipeline.

Enoree Landfill (Greer, SC)

- Served as Project engineer for the engineering of a $500K siloxane removal skid assembly for a LFG energy recovery project. The skid assembly treated 1,200 SCFM LFG prior to burning in two Caterpillar 3520 engines. The process dehydrated the gas with a chilled water system and remove siloxane in several beds.

California Energy Commission (Los Angeles, CA)

- Served as Co-Principal Investigator for a CEC funded project ($95K) to develop an economical and robust process to remove siloxanes from biogas by evaluating the technical feasibility of a novel photodecomposition technology within the context of biogas treatment. Responsibility included: proposal preparation, system design, conducting experiments, budget preparation/management and final report preparation.

Education

PhD, Mechanical Engineering, University of Southern California

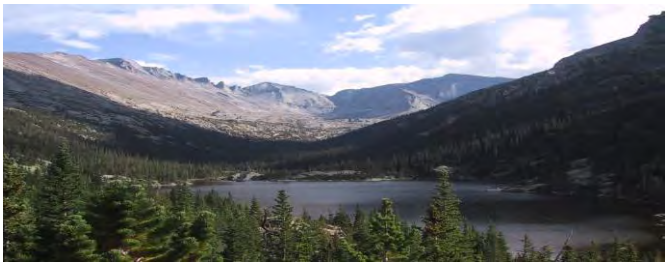
Certification

- Professional Civil Engineer in California (#C78232)
- Professional Mechanical Engineer in California (#M34081)
- Hazwoper 40 Hr and Refresher

Languages

- English and Chinese

Christina Vickers, M.S.
Regional Director/Environmental Professional
Phoenix Office
Christina@frenviro.com
(313) 303-2316



Christina Vickers is a Regional Director and Environmental Professional within Fulcrum Resources Environmental.

Ms. Vickers specializes in helping clients with the following:

- Transaction Screen Assessments
- Database Reviews
- Phase I and II Environmental Site Assessments

Phase I and II Environmental Site Assessments

- Ms. Vickers has worked on hundreds of Phase I Environmental Site Assessments (ESAs) throughout the United States for sites including multi-family residences, high-rise offices, retail shopping centers, gasoline stations, automotive repair facilities, hotels, agricultural land, schools and industrial/manufacturing facilities.

- Ms. Vickers has completed Phase I ESAs for numerous real estate developers, brokers, attorneys and property owners in order to complete due diligence requirements for property transfers and acquisitions.

- Ms. Vickers has provided assistance with Phase II Subsurface Investigations by collecting groundwater and soil samples, preparing the samples for laboratory analysis, characterizing soil lithology and technical report writing. In addition, Ms. Vickers has provided assistance with Hazardous Materials Surveys and Asbestos Surveys by identifying hazardous building materials and potential asbestos containing materials within commercial properties, collecting and preparing the samples for laboratory analysis and technical report writing.

- Ms. Vickers has provided Quality Assurance/Quality Control reviews for hundreds of Phase I ESA reports completed on properties located throughout the Western United States.

Key Experience/Key Projects

Former Manufacturing Facility; Chandler, AZ.

- Ms. Vickers performed a Phase I Environmental Site Assessment for a retail shopping center with five tenant suites. The property was formerly developed with a circuit board manufacturing facility for approximately 37 years. Due to Volatile Organic Compound (VOC) impacts to soil, the property was accepted into the Arizona Department of Environmental Quality's Voluntary Remediation Program.

Car Dealership; Yuma, AZ.

- Ms. Vickers performed a Phase I Environmental Site Assessment of a forty-year-old car dealership. The property encompassed two non-contiguous parcels of land and included five automotive sales and service buildings, multiple aboveground storage tanks, underground storage tanks, spray paint booths, hazardous materials storage areas, and in-ground hydraulic lifts.

Truck Stop; Phoenix, AZ.

- Ms. Vickers performed a Phase I Environmental Site Assessment for a truck stop and travel center which included a convenience store, fast food restaurant, and a truck wash and repair facility. Over the course of 26 years, the property maintained a total of ten underground storage tanks with multiple releases reported for the tanks. In addition, the property included eight drywells, multiple aboveground storage tanks, oil/water separators and sumps.

Former Circuit Board Manufacturer; Tempe, AZ.

- Ms. Vickers performed a Phase I Environmental Site Assessment for a flex office/warehouse with a history of circuit board manufacturing. Ms. Vickers performed lengthy file reviews and discovered past tenants illegally dumped hazardous waste into an on-site drywell. A former tenant of this property was identified by the EPA as a responsible party for the South Indian Bend Wash Superfund site, with a documented VOC plume located beneath this property.

Gasoline Station Portfolio; Northern Arizona.

- Ms. Vickers completed Phase I Environmental Site Assessments for a mini-portfolio of gasoline stations located throughout northern Arizona. The gasoline stations either had multiple generations of underground storage tanks, documented releases, oil/water separators, car wash facilities, septic systems or on-site potable water wells etc.

Education

Bachelors of Science in Earth Sciences, University of Michigan-Dearborn, 2007

Master of Science in Environmental Science, University of Michigan-Dearborn, 2010

Heather N. Conner
Principal Consultant/East Coast Operation's Manager
Balitmore Office
heathernconner@gmail.com
(443) 735 8540

Heather Conner is the Principal Consultant and East Coast Operation's Manager within Fulcrum Resources Environmental

Heather specializes in helping clients with the following:

- Transaction Screen Assessment
- Phase I and II environmental site assessment
- Property Condition Assessment
- Technical consulting
- Project Management
- RFI sample program management
- Chesapeake Bay Critical Areas Plan Review and Inspection
- Regulatory Records Research and Review
- Asbestos-Containing Material (ACM) Operations & Maintenance Plan
- Lead-in-water and Radon Testing
- Remediation and Monitoring Tactics
- Agency Oversight Assistance

Key Experience/Key Projects -

Phase I and II Environmental Site Assessments

- Conducted over 1,000 nationwide Phase I environmental site assessments on sites ranging in nature from small commercial businesses to Superfund redevelopment areas, including but not limited to Lanterman Development Center (LDC); Beverly Center; City of Hope Medical Group; Fess Parker Resort Hotel Development Property; US Foodservices; portfolio project of various Residence Inn Extended Stay Hotels; River Rail Apartments; monitoring current landfills in City of Puyallup, Washington; and Tires Plus Total Car Care. Ms. Conner also performed technical consultant and remedial support for Brownfield redevelopment of historical Berk Oil and Pacific Metal Craft Sites.

  Ms. Conner is the Due Diligence Specialist for LRS Federal and works closely with the Project team, providing guidance for Phase I assessment activities.

Lanterman Development Center (LDC)

- Performed Site Assessment and Managed LDC Project. LDC is a 900-acre, State-owned campus for the developmentally disabled located in the city of Pomona, California. With a rich 100-year history, assessment of the LDC involved the inspection of 21 client residences, an acute hospital with sewage lift station, an auditory clinic, a library, a cafeteria, a vocational training center, storage buildings, recycling center, garden center, various staff buildings including residential dorms and dwellings, administration building, staff training facility, research building, conference center, credit union, police and emergency services, motor pool, grounds maintenance facility, power plant with underground storage tanks and boiler room, machine shop, laundry services, paint/woodworking shop, auto repair building, gas station, car wash, motor pool, and hazardous materials and waste storage facilities. Recreational facilities assessed included an auditorium, school, day care facility, swimming pool, playgrounds, camp with concession stand, cabins, and an amphitheater, carousel, equestrian center with a petting zoo, track, and a ballpark. In addition to these structures, the LDC campus utilizes its own water distribution system, equipped with two large reservoirs, a pump house, and various on-site water wells.

Education

Bachelors of Science in Biology with a concentration in Environmental Science, Salisbury University, 2001

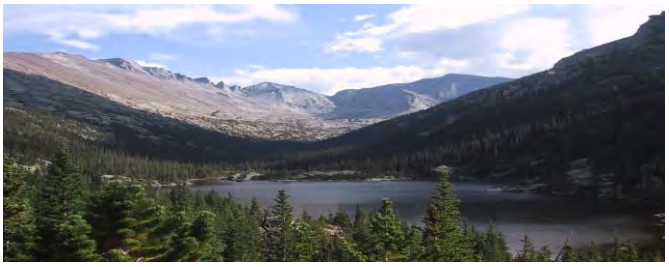
Certification

- 40-hour OSHA HAZWOPER Training Certificate
- 4-Hour Disaster Training Certificate
- Maryland Sediment Erosion Control Certificate

Languages

- English, native speaker

Wendy Moore, B.S.
Client Manager/Senior Environmental Scientist
Los Angeles Office
wendy@frenviro.com
(323) 315-0996



Wendy Moore is a Client Manager and Senior Environmental Scientist within Fulcrum Resources Environmental.

Wendy specializes in helping clients with the following:

- Transaction Screen Assessment
- Phase I and II Environmental Site Assessment
- Site investigation and assessment
- Peer report review
- Asbestos and lead inspections pre demolition, restoration and renovation
- CEQA/NEPA
- Agency oversight assistance

Key Experience/Key Projects -

- Managed and completed over 1,500 Phase I Environmental Site Assessments (ESAs) for various industries and properties including wireless telecommunications, hospitals, industrial, commercial, and landfills across North America since 2000. Implementation of American Society for Testing and Materials (ASTM) Standard Practice E1527-13 and U.S. Environmental Protection Agency Standards and Practices for All Appropriate Inquiries (40 CFR Part 312) in the United States and CAN/CSA-Z768-01 and Ontario Regulation 153/04 in Canada (Ontario).

- Completed numerous National Environmental Policy Act (NEPA) Screening reports and Environmental Impact Assessment reports for the telecommunications industry.

- Completed numerous limited asbestos surveys and lead-based paint surveys for various facilities and properties. Activities included limited sampling and report writing

- Completed and assisted with various Phase I ESA and Phase II Investigations around the Los Angeles metropolitan area for the Albert Sweet Development Corporation.

- Managed and trained staff in completing a variety of environmental service related tasks.

- Managed numerous sub-consultants nationwide assisting with Phase I ESAs conducted nationwide.

- Assisted in various Phase II Investigations around the Los Angeles metropolitan area. Investigations included quarterly groundwater monitoring undertaken for Pentair, 2001 and groundwater well installation and soil sampling for Parish, Inc.

- Preparation of Quarterly RECLAIM reports and Annual Emissions reports for clients such as American Airlines, Inc. and Kal Kan Foods, Inc.

- Provided technical support on numerous major projects including the Charnock Initial Regional Response Activities on behalf of Shell Oil Company. Work on this and other projects involved data acquisition, processing as well as electronic conversion of boring logs.

- Participated in major subsurface investigation at Vernon Steel, California, including quarterly groundwater monitoring.

- Assisted with compilation of remediation team in New Orleans subsequent to hurricane Katrina (2006).

Education

Bachelors of Science in Earth Sciences, University of Johannesburg, South Africa, 1998*

Bachelors of Science Hons. in Geography and Environmental Management, University of Johannesburg, South Africa, 1999*

*Bachelors of Science certification issued by the University of Toronto - Comparative Education Service, 2000

Professional Papers

Key author in preparation of an *Initial Study and Mitigated Negative Declaration for the City of Hawthorne Refuse and Recycling Services System Update and Redesign*, 2002.

Certification

- Registered Environmental Assessor #08254
- EPA-Compliant Environmental Professional (40 CFR Part 312)
- OSHA Building Inspector
- 40-hour OSHA HAZWOPER

Languages

- English, native speaker
- Italian, moderate speaker
- Afrikaans, moderate speaker

Darren Johnston
Director of Sustainability Consulting Services
Colorado Office
djohnston@uhgconsulting.com
(603) 661-5167

Darren Johnston is Director of Sustainability Consulting Services for UHG Consulting.

Darren specializes in helping clients with the following:

- Energy Audits
- LEED Certification
- AB1103
- Energy Star
- Water Audits
- Waste Audits
- Alternative Energy
- Sustainability Audits

Key Experience/Key Projects -

Energy Audits

- Performed field work, project management, budgeting, client management, and completion of report for clients in sites nationwide. Energy Audit reports have identified millions of dollars of opportunities to reduce energy consumption. Recently helped a client in Colorado reduce their energy consumption by over million dollars a year.

LEED Certification

- Have led LEED Certification efforts for clients seeking LEED-NC, LEED-EB, and LEED-ND. Responsible for managing the LEED process, project credit selection, LEED budgets, documentation, and LEED reports. Recently helped a corporate headquarters in Colorado receive a LEED Gold certification, and hotel in Florida receive a LEED Silver certification.

Energy Star

- Responsible for maintaining multiple client Energy Star portfolios. Manage, edit, input, and update Energy Star portfolios to maximize Energy Star scores. Recently helped multiple County buildings in Colorado achieve Energy Star awards.

Water Audits

- Responsible for analyzing the water usage of multiple clients across the United States. Through analysis and project management have assisted clients in implementing improved water reduction strategies. Recently helped a 250 unit apartment complex in Ohio reduce their water usage by greater than 50%, reducing their monthly bills by over $100,000 a year.

Sustainability Audits

- Responsible for analyzing the practices of organizations and providing input on how to operate their organizations more efficiently. Recently completed an audit for a domestic airline, analyzing their operations and providing recommendations on how to operate more efficiently.

Education

Bachelors of Science in Computer Science, Boston University, 1996

Masters of Business Administration, Stanford University, 2003

Professional Papers

Building the Principles that Sustain Us, Planet Profit Report, May 2011
How an outside consultant can help green your hotel, Green Lodging News, February 2011
Greening the Colorado Convention Center, Architect Magazine, January 2011
An Introduction to LEED Certification for Hotels, Lodging Hospitality, October 2010
Managing Utilities, Bottom Line, April 2009

Certification/ Boards

- Qualified Commissioning Process Provider Certification, University of Wisconsin, 2010
- United States Green Building Council Member
- Board Member, Green Up Our Schools, 2010-2013
- Board Member, Ignite Innovations 2004-2010
- Board Member, Center for ReSource Conservation, 2009-2012
- Advisory Board Member, Evolve Electrics 2008-2013
- United States Green Building Council Member

Languages

- English, native speaker
- Moderate Speaker in Spanish
- Moderate Speaker in German

Kristina Krissakova-Thomas
Environmental Assessor, Project Manager
Orange County Office
(949) 266 7173

Kristina Krissakova-Thomas is an environmental scientist and the Environmental Assessor and Project Manager within Fulcrum Resources Environmental primarily for Orange County and San Diego County.

Kristina specializes in helping clients with the following:

- Transaction Screen Assessment
- Phase I and II environmental site assessment
- Property Condition Assessment
- Project Management
- Regulatory Records Research and Review
- Agency Oversight Assistance

Key Experience/Key Projects -

Project Management

Ms. Krissakova-Thomas in an experienced environmental assessor and project manager. She conducted over 100 Phase I environmental site assessments on sites ranging in nature from small commercial businesses to Superfund redevelopment areas. Ms. Krissakova-Thomas is involved in all aspects of Phase I projects including field work, tenant/owner interviews, extensive agency file reviews, historical analysis, database reviews and the generation of final reports. Ms. Krissakova-Thomas is also an expert in consulting with owners, investors, lenders, and brokers.

Ms. Krissakova-Thomas prepared over 150 California Hazardous Material Business Plans for a major nationwide contractor's retail chain.

Ms. Krissakova-Thomas assisted in preparation of Health and Safety Plans and Work Plans as a part of environmental subsurface conditions assessments.

Ms. Krissakova-Thomas is also experienced in conducting environmental health and safety tenant audits for commercial and industrial facilities.

Proposals and Cost Preparation

Mr. Krissakova-Thomas is experienced in planning and assembling project proposals for Phase I Site Assessments. She is responsible for building and maintaining of a professional network and sourcing of new clients, primarily in the Orange and San Diego County area.

Computer Software Knowledge

- ARC GIS
- Microsoft and Adobe
- California Environmental Reporting System (CERS)

Education

Bachelors of Environmental Management (May 2007) Comenius University in Bratislava, Slovakia Faculty of Natural Sciences

Master of Environmental Planning and Management (May 2009) Comenius University in Bratislava, Slovakia Faculty of Natural Sciences

Certification

- 40-hour OSHA HAZWOPER Training Certificate

Languages

- English
- Slovak, native speaker
- Czech
- Polish
- Spanish

Tiffany N. Tona, M.S.
Project Manager
San Jose and Southern California
tiffany@frenviro.com
(657) 203-5549

Tiffany Tona is a Project Manager within Fulcrum Resources Environmental.

Tiffany specializes in helping clients with the following:

- Transaction Screen Assessment
- Phase I Environmental Site Assessments
- Historical Research Investigations
- NEPA Checklists and Compliance Assessments
- SHPO Compliance Assessments

Key Experience/Key Projects -

Phase I Environmental Site Assessments

- Performed Phase I Environmental Site Assessments since 2013, for various facilities that include but not limited to gas stations, car dealerships, manufacturing facilities, telecommunications facilities, commercial buildings, auto repair, agricultural farmland, apartment complexes, commercial offices, storage facilities, industrial facilities, and restaurants. Work performed in Northern and Southern California. Followed ASTM E 1527-05/All Appropriate Inquires Standards and current ASTM E 1527-13 Standards.

- Subsurface investigation projects include: leaking underground storage tank historical research and remediation planning for former and existing gas stations and automotive repair shops in Southern California; subsurface analysis of former and existing tank farms in Northern and Southern California; and remedial investigations of proposed and existing Telecom facilities for Verizon Wireless and AT&T.

NEPA Checklists and Compliance

- Performed NEPA Checklist reviews for compliance under the National Environmental Policy Act (NEPA) for proposed and existing Telecom facilities, and colocation agreements for Verizon Wireless and AT&T. Determination of compliance included the review and verification of environmental impact assessments conducted at proposed and existing telecom facilities regarding the facility's impact on migratory birds, local endangered flora and fauna, 100- and 500-year flood zone influences, as well as potential impact to human health. All compliance reviews were conducted in accordance with NEPA telecommunications standards.

Education

Bachelors of Arts in Japanese, University of Oregon, 2006

Masters of Science in Environmental Management, University of San Francisco, 2012
Thesis: Swift advancements in electronic waste management for New York City: Electronic Equipment Recycling and Reuse Act

Professional Papers

Development of a low-carbon indicator system for China. Habitat International, January 2013, pages 4-21.

Certifications

- 40-hour OSHA HAZWOPER
- Red Cross/First Aid, 2012

Shauna Davis, M.S.
Midwest Regional Manager/Environmental Professional
Chicago Office
shauna@frenviro.com
(661) 331 1842

Shauna Davis is Midwest Regional Manager and Environmental Professional within Fulcrum Resources Environmental

Shauna specializes in helping clients with the following:

- Transaction Screen Assessment
- Phase I and II environmental site assessment
- Site investigation and assessment
- Technical site review
- Remediation and Monitoring Tactics
- Health and Safety
- NEPA
- Agency Oversight Assistance
- Conceptual Site Models

Key Experience/Key Projects -

Phase I and II Environmental Site Assessments

- Performance of over 400 environmental site assessments nationwide since 2007 that include but are not limited to gas stations, dry cleaners, heavy manufacturing sites, retail sites, oil and gas sites, multi-tract residential apartments and housing, power generation facilities, and landfills. Ms. Davis also has extensive involvement with Non-CERCLA sampling per specific client protocol that include radon testing and lead in water sampling.

- Ms. Davis also has experience in completion of Phase II Environmental Site Assessment reports and Groundwater Monitoring Reports for former and current industrial facilities undergoing remediation.

- Ms. Davis has experience in hydrogeological concepts effecting the fate and transport of contaminants in the environment and has participated in the completion of fate and transport models, capture zone analysis of remediation systems, and interpretation and analysis of water level transducer data.

Health and Safety

- Ms. Davis has performed annual Environmental Health and Safety Audits for commercial properties located throughout Southern California. Audits include assessment of fire suppression safety, warehouse safety, chemical inventory practices, and permitting and licensing.

- As former Chemical Hygiene Manager for the Environmental Protection Agency's research vessel Lake Guardian, Ms. Davis supervised safety of sampling activities, laboratory activities, chemical usage and storage, and performed quality control drinking water sampling and analysis.

Education

Bachelors of Science in Earth and Environmental Science, University of California - Irvine, 2006

Masters of Science in Geology, Emphasis in Hydrogeology, California State University - Los Angeles, 2012

Professional Papers

Analysis of the Geochemistry of Permafrost Fed River Samples and Glacial Fed River Samples Collected from Tributaries of the Yukon, Tanana, and Copper Rivers in Alaska. Research Paper for California State University-Los Angeles, August 2012

Certifications

- 40-hour OSHA HAZWOPER with Refresher

Gabe Touma, CHMM
Midwest Operations Manager
Denver Office
Gabe@frenviro.com
(720) 468 2420

Gabe Touma is Midwest Operations Manager within Fulcrum Resources Environmental

Gabe specializes in helping clients with the following:

- Phase I and II environmental site assessment
- Site investigation and assessment
- Technical site review
- RFI sample program management
- Alternative Energy/solar/wind
- Asbestos in soil project management and remediation
- Asbestos inspections associated with demolition, restoration and renovation
- Lead in soil/surveys
- Indoor air quality
- Monitoring/remedial Well installation
- Health and Safety- Environmental Construction/drilling
- Noise surveys
- Waste profiling/treatment/disposal

Key Experience/Key Projects -

Santa Susanna Field Laboratory

- Under the direct oversight of the California Department of Toxic Substances Control (DTSC), conducted a Phase I Environmental assessment and historic review of a 3,000-acre property that operated as cold war facility. Operations included nuclear reactor experiments, rocket testing, space shuttle engine testing and missile development. Prepared a sampling analysis program and conducted RFI sampling and management of over 600 boring locations. Such efforts included the management of up to four field personnel as well as health and safety.

Stapleton International Airport

- Management for large construction projects involving excavation of hazardous materials including the Former Stapleton International Airport. Management of up to eight field personnel. Tasks included technical site management as well as health and safety.

Fields of Competence

- Industrial hygiene
- Environmental site assessments
- Environmental remediation

Education

Bachelors of Science in Biological Science, California State University, Fullerton, California

Western State University College of Law
Property Law I and II
Civil Procedure I and II
Legal writing I and II

Certification

- Certified Hazardous Materials Manager
- Certified Colorado Building Inspector
- 40-hour OSHA HAZWOPER

Languages

- English, native speaker

Key Industry Sectors

- Commercial real estate transactions
- Oil and Gas
- Industrial hygiene
- Waste management and recycling;
- Construction management

Previous representative employers –

- CH2M Hill
- Tetra Tech, ECI
- Delta Environmental

Steve Oak, MEM
Northeast Regional Manager
New York/New Jersey Office
(201) 543 3817

Steve Oak is a Regional Project Manager and Environmental Scientist within Fulcrum Resources Environmental

Steve specializes in helping clients with the following:

- Transaction Screen Assessment
- Phase I and II environmental site assessment
- Property Condition Assessment
- Technical consulting
- Project Management
- Regulatory Records Research and Review
- Asbestos-Containing Material (ACM) Operations & Maintenance Plan
- Lead-in-water and Radon Testing
- Remediation and Monitoring Tactics
- Agency Oversight Assistance

Key Experience/Key Projects -

Project Management

- Mr. Oak has extensive experience in conducting Phase I and II Environmental Site Assessments. Throughout the United States. These sites have included gasoline stations, automotive repair stations, manufacturing facilities, warehouse, dry cleaners, strip malls, hotels, multi-family houses, restaurants, and offices.

  Mr. Oak has also conducted many subsurface investigations that included soil and groundwater testing to meet lender, government, and agency requirements.

Proposals and Cost Preparation

- Mr. Oak is experienced with handling multiple Phase I and II proposals while also performing or managing various workloads.

Computer Software Knowledge

- Power Point
- Excel
- Microsoft

Education

Bachelors of Arts, Seoul National University-2000

Master of Sciences, Environmental Management, Yale University-2003

Certification

- California Registered Environmental Assessor #30281
- 40-hour OSHA HAZWOPER Training Certificate
- ASTM Phase I and II Assessment for Commercial Real Estate Course Due Diligence at Dawn Seminar by EDR, Inc. May 2007
- Underground Storage Tanks-NJDEP's Regulatory Training-June 2007 (Edison, NJ)
- Geology, Hydrology, and Chemistry-October 2007
- NJDEP Proposed Soil Remediation Standards by NJDEP-October 2007
- Site Remediation Basic by NJDEP-February 2008
- Introduction to Groundwater Investigation by US EPA-March 2008
- Certified Environmental Manager (CEM) #9934

Languages

- English
- Korean

Jeff Clifton
Environmental Engineer/Southern Operations Manager
(Dallas, TX)
jeffsclifton@gmail.com
(214) 862 5620

Jeff Clifton is a Senior Environmental Scientist that performs Phase I Environmental Site Assessments/ Phase II Environmental Site Assessments/ Property Condition Assessments

Jeff specializes in helping clients with the following:

- Government FDIC Checklists for single-family residences
- Phase I and II environmental site assessment
- Site investigation and assessment
- Technical site review
- Property Condition Assessments
- Asbestos, lead, mold, and microbial inspections associated with demolition, restoration and renovation
- Remediation and Monitoring Tactics
- Health and Safety- Environmental Construction/drilling
- Agency Oversight Assistance
- Soil Engineering
- Environmental Compliance Audits

Key Experience/Key Projects -

Geotechnical Experience

- Mr. Clifton performed geotechnical testing involving Atterberg Limits, Plastic Limits, Sieve Analysis, Free Swell Analysis, and Unconfined Strength Testing. Mr. Clifton is also experienced in performing duties involving construction materials testing, soil density gauge testing, soil moisture/density relationships, concrete sampling and testing, and pier inspection.

Phase I and II Environmental Site Assessments

Performed over 2,000 environmental site assessments nationwide since 2003 that include but not limited to gas stations, dry cleaners, heavy manufacturing sites, multi-tract residential apartments and housing. Mr. Clifton is experienced in handling government FDIC work and portfolio work involving dual-scope or multi-scopes of Phase I Environmental Site Assessment, Property Condition Assessments, and/or asbestos and lead testing.

Jeff is also experienced with handling aspects of Non-CERCLA items and soil vapour intrusion related to ASTM Standards.

Jeff's Phase II experience involves dry cleaners, gas stations, and major industrial facilities.

Client Management

Mr. Clifton currently assists with client relationship and management through attending quarterly meetings, and educating clients on environmental issues.

Education

Bachelors of Science in Environmental Soil and Water Science, University of Alabama, 2001

Certifications

- Texas Department of State Health Services Certified Asbestos Inspector
- Oklahoma Department of Labor Licensed Asbestos Inspector

Computer Skills

- PARCEL Platform
- GIS, GPS, VISIO, and AUTOCAD

Languages

- English, native speaker

Ian Culp
Environmental Assessor
Bay Area Region Offices
ian@frenviro.com
(925) 200-2230

Ian is an associate environmental assessor that specializes in conducting field assessment work and Phase I Environmental Site Assessments.

Ian is experienced with the following tasks:

- Phase I Environmental Site Assessments
- Soil and groundwater sampling
- Air monitoring

Key Experience/Key Projects -

Master Phase I Environmental Site Assessment of Industrial Facility (Richmond, California)

- Conducted a master Phase I Environmental Site Assessment of a 10 acre, multi-tenant industrial facility. The facility contained a UST, and multiple hazardous materials

Phase I Environmental Site Assessment Report of Industrial Facility (Oakland, California)

- Former City of Oakland Firehouse, built in the early 1960's and had been vacant for several years. Responsibilities included identification of asbestos building materials, extensive water damage, pest damage, a large amount of pesticide/herbicide being stored, and a large gasoline AST.

Phase II Environmental Site Assessment of Retail Commercial Facility (Sea Ranch, California)

- Responsible for obtaining groundwater permits, and choosing groundwater sample locations with Senior Geologist. Also responsible for collecting groundwater sampling and setting temporary wells

Phase I and Phase II Environmental Site Assessment of Gas Station (Dunnigan, California)

- Responsibility included assisting in the preparation of a Phase II Proposal and obtaining proper files for Phase I and Phase II Assessment

Education

B.A.-Archaeology-California State University-East Bay

Certification

- Hazwoper 40 Hr

Languages

- English

Caitlin D. Culp
Environmental Professional and Project Manager
Santa Clara/South Bay Offices
caitlin@frenviro.com
(925) 200-7032

Caitlin is an Environmental Professional and Client Manager within Fulcrum Resources Environmental. Caitlin has managed multiple clients and Phase I/II Reports throughout greater Northern California.

Caitlin is experienced with the following tasks:

- Phase I Environmental Site Assessments
- UST Compliance
- Subsurface Investigations
- Project Management
- Health Risk Assessments
- Asbestos and Lead Sampling
- Soil and groundwater sampling
- Air monitoring

Key Experience/Key Projects -

Subsurface Investigation of Former UST Site (Gilroy, California)

- Conducted a geophysical investigation via ground-penetrating radar and found location of former UST. Continued to assess the area of the former tank with soil vapour, soil, and groundwater sampling. Completed health risk assessment with vapour data

Phase I Environmental Site Assessment Report of Industrial Facility (Freemont, California)

- Conducted a Phase I Environmental Site Assessment of former SLIC Site within area of multiple open SLIC cases with the waterboard. Was able to consult with client and agency to obtain clearance letter from SFRWQCB.

Phase I Environmental Site Assessment & Asbestos and Lead Sampling of Industrial Facility (San Jose, California)

- Assisted with collecting asbestos and lead sampling while also conducting a Phase I Environmental Site Assessment of warehouse portion of industrial facility to be renovated.

Portfolio of Phase I Environmental Site Assessments for ground floor commercial and residential apartments (Oakland and San Francisco, California)

- Conducted 15 site walks of multi-story commercial and residential apartment buildings throughout greater San Francisco and Oakland area, and managed client demands. Some of the structures had issues with former tanks onsite, or dry cleaners where a indoor air monitoring and a health risk assessment was necessary. One of the apartments had a dry cleaner operation.

Subsurface Investigation of Former Manufacturing Facility and Machine Shop (Sunnyvale, California)

- Assisted Senior Geologist with proposed locations to drill at manufacturing facility. The investigation consisted of collecting groundwater, soil, and soil vapor samples, in which a J&E Model was conducted.

Education

B.S. Biology-University of California-San Diego
M.S. Environmental Management-University of San Francisco

Certification

- Hazwoper 40 Hr

Languages

- English

Andrew J. Dziedzic, REPA
Regional Project Manager
Philadelphia, Pennsylvania Office
(215) 534 4155

Andrew Dziedzic is a Regional Project Manager within Fulcrum Resources Environmental.

Andrew specializes in helping clients with the following:

- Transaction Screen Assessment
- Phase I and II environmental site assessment
- Site investigation and assessment
- Technical site review
- Asbestos and lead-based paint
- Remediation
- Business Development

Key Experience/Key Projects:

Phase I, II, and III Environmental Site Assessments

- Extensive expertise on many portfolio and debt and equity transactions throughout the United States and Mexico.

- Proven track record of providing timely and accurate technical information and professional opinions regarding potential issues to assist clientele in environmental liabilities and tasks.

- Performed thousands of environmental investigations of all property types including commercial, residential, multi-family, and industrial properties. These investigations have been in accordance with Freddie Man, Fannie Mae, and ASTM Guidelines.

- Extensive knowledge of state and federal regulations with over 20 years of experience.

- Expertise in asbestos and lead-based paint, subsurface investigations, and remediation.

Previous Employment Experience

Land America Commercial Services, Brinkerhoff Environmental Services, Raritan Enviro Sciences, & GA Environmental Services 1994-2004

- Managed and supervised the performance of multiple Phase I and II Environmental Assessments, Site Investigations, and Remedial Investigations for private equity groups, commercial mortgage and construction lenders, real estate investment trusts, and commercial mortgage backed securities, including preparation and review of expert reports.
- Managed and performed UST removal, subsurface evaluation and soil and groundwater investigations.

- Performed ISRA Preliminary Assessments for commercial/industrial properties governed under the New Jersey Industrial Site Recovery Act including historical site characteristics, area of concern identification, and soil and groundwater sampling and report preparation.

Advantage Environmental Consultants and Property Solutions, Inc. 2006-2009

- Developed bid packages and won Phase I & II, soil & groundwater remediation and UST projects including Brownfields redevelopment investigation, Asbestos abatement projects, New Jersey ISRA compliance projects and mercury contaminated soil removals.
- Responsible for client management and business development for the Philadelphia Regional Office, scheduling of personnel and direction of resources, financial tracking, coordination of daily business and office activities, as well as perform and manage all aspects of Phase I and Phase II Environmental Site Assessments, Site Investigations and UST closures on projects throughout the Pennsylvania/New Jersey region.
  Technical Manager and Regional Manager of the Irvine, California office, responsible for managing the environmental operations and staff of the Western Region.

Education

Bachelors of Art, Earth and Environmental Sciences with Minor in Business, Wilkes University, 1993

Certification

- 40-hour OSHA HAZWOPER Training
- 8-hour OSHA HAZWOPER Supervisor Training
- Licensed Subsurface Evaluator/UST Closure, NJDEP No. 18809
- EPA/AHERA Asbestos Building Inspector

Languages

- English

Anthony Ligutom
Geologist
North Dakota Office
ajligutom@gmail.com
(701) 202-9179

Anthony Ligutom is a Geologist at Fulcrum Resources Environmental.

Anthony specializes in assisting clients with the following:

- Phase I Site Assessment
- Phase II Site Remediation
- Monitoring and production well installation
- Soil and groundwater sampling
- Technical report writing
- Site investigation and assessment
- Health and safety audits and documentation
- State and federal environmental regulation knowledge for North Dakota.
- Environmental Research

KEY EXPERIENCE/PROJECTS -

Project Management

- Project proposal writing, budgeting and field preparation with respect to the clients and regulations. Consistent and reliable communication with all stakeholders regarding progress of the project. Post field work report writing.
- These projects were in the North Dakota Bakken oil fields. Some were for emergency response to spills and leaks in adverse weather and remote locations.

Health and Safety

- Developed and prepared job safety and project safety specific programs. I was part of risk management teams that were used to not only determine the scope of work but how to best mitigate potential hazards. Trained new staff with respect to behaviour-based safety and ensured they were properly equipped to work in adverse weather conditions.

Phase I and II Environmental Site Assessments

- Performed fieldwork, project management, budgeting, client management, and completion of report for clients throughout North Dakota. Performed environmental site assessments for properties such as commercial and industrial buildings. Environmental investigations to determine the nature and extent of soil, sediment, and groundwater impacts.

Field Work

- Experienced in installing monitoring and production wells. Soils logging using the USCS. Groundwater and soil sampling conducted in many states through various methods. Contractor oversite for emergency response, drilling, well installations, UST removals and for remediation system installations. Operations and maintenance for remediations systems.

Education

Bachelor of Science in Geology, California State University of Los Angeles, 2005

Certifications

- 40-hour OSHA HAZWOPER
- OSHA 10 Hour

Languages

- Spanish, English

Steffany Goetz
Southeast Operations and Client Manager
Orlando, Florida Office
steffany@frenviro.com
(321) 312-8342

Steffany is an environmental professional and also manages the South-eastern division for Fulcrum…

Steffany specializes in helping clients with the following:

- • Phase I and II Environmental Site Assessments
- • Soil and groundwater sampling
- • Site Closure
- • Technical site review
- • Health and Safety
- • Well Abandonment
- • Hazardous Materials Management

Key Experience

LUST closure-Wyndham Bay Point Resort Golf Course (Panama City, Florida)

Ms. Goetz was the point person and onsite field technician in conducting well installations, scheduling and coordinated of staff, well sampling, and client and agency correspondence for an open LUST case for two former USTs located within the maintenance yard portion of a golf course located at the Wyndham Bay Resort. Ms. Goetz's experience proved beneficial in assisting the client in obtaining a low-threat closure, and saving time and money.

Phase I Restaurant Portfolio in Counties of Brevard and Orange, Florida

Ms. Goetz scheduled and oversaw the management of eleven Phase I reports for Dennys and IHOP restaurants within Brevard and Orange County, Florida. Ms. Goetz was also the key point of contact in communicated with client as several of the restaurants were former gas stations that required additional due-diligence.

Statewide Florida Gas Station Portfolio Acquisition Involving Phase I & II Site Assessments

Ms. Goetz was personally in charge is coordinating and visiting a total of 25 gas stations throughout the state of Florida. Ms. Goetz oversaw compliance issues, and also addressed all RECs at the gas stations where further subsurface investigation and initiating of groundwater monitoring under the Florida Department of Environmental Protection was needed.

ARCO Gas Station (Ocala, Florida)

Ms. Goetz conducted the Phase I investigation of a two generation gas station in Ocala, Florida that also required additional due-diligence. Ms. Goetz was also responsible for coordinating with the client the need for additional assessment, and was also the field technician involved with the geophysical survey and subsurface investigation.

Car Wash (Key Largo, Florida)

Ms. Goetz had conducted a cursory review of a car wash that was a former auto repair site, and that had impacted groundwater. The other consultant recommended additional remediation, where Ms. Goetz disagreed and was able to get a closure status through the Florida Department of Environmental Protection based on low levels of BTEX in groundwater. Ms. Goetz was able to save the client nearly 100k in remediation efforts.

Drycleaner Investigation (Daytona Beach, Florida)

Ms. Goetz conducted a Phase I of a commercial-retail plaza that consisted of five parcels, which also led to the discovery of a former drycleaner operation between the 1960s-1980s that the former consultant missed. Ms. Goetz organized the subsurface investigation, consisting of installation five shallow groundwater wells. Low levels of vinyl chloride and PCE were discovered, but after several monitoring events, Ms. Goetz was able to show it was contributing to an offsite source. The Florida Department of Environmental Protection was able to issue closure.

Education

Bachelors of Science in Environmental Science, Florida Institute of Technology, 2016

Certifications

- • Red Cross/First Aid, 2015
- • 40-hour OSHA HAZWOPER with 8 Hour Refresher
- • Medical Assistance Certification, Vetterot College
- • Wind mitigation CertificationProfessional Papers

Affiliations

- Central Florida Association of Environmental Professionals

Key Industry Sectors

- Commercial/Industrial Real Estate Transactions
- ICSC
- CMBS
- Petroleum Industry
- Environmental Bankers Association

Effects of Anodic Potential and Chloride Ion on Overall Reactivity in Semiconductor Electrochemical Reactors Designed for Solar-Powered Wastewater Treatment. ***Environ. Sci. Technol.*** *2014, 48(4): 2377-2384.*

Study on Photocatalytic Degradation of Reactive Brilliant Red X-3B by Bi_2WO_6 Under Visible Light. ***China Environmental Science***. *2010, 30(12): 1608-1613.*

Degradation and Mineralization of Bisphenol A by Mesoporous Bi2WO6 under Simulated Solar Light Irradiation. ***Environ. Sci. Technol.*** *2010, 44(17): 6843-6848.*

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): 10/29/2018

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER	CONTACT NAME: Annette Bossert	
Landmark Insurance Group, LLC 6501 E. Belleview Ave. Suite 280 Englewood CO 80111	PHONE (A/C, No, Ext): (720) 403-9450	FAX (A/C, No): (720) 403-9451
	E-MAIL ADDRESS: abossert@landmarkinsgroup.com	

INSURED	INSURER(S) AFFORDING COVERAGE	NAIC #
Fulcrum Resources, Inc. 2610 Gardi St Duarte CA 91010	INSURER A : Crum & Forster Specialty Insurance Company	
	INSURER B : Hartford Insurance	
	INSURER C : Technology Insurance Company	
	INSURER D :	
	INSURER E :	
	INSURER F :	

COVERAGES **CERTIFICATE NUMBER:** CL18102505188 **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	[X] COMMERCIAL GENERAL LIABILITY [ ] CLAIMS-MADE [X] OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: [ ] POLICY [X] PRO-JECT [ ] LOC [ ] OTHER:			EPK-124745	11/01/2018	11/01/2019	EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS - COMP/OP AGG	$ 2,000,000 $ 50,000 $ 5,000 $ 2,000,000 $ 2,000,000 $ 2,000,000
B	AUTOMOBILE LIABILITY [X] ANY AUTO [ ] OWNED AUTOS ONLY [ ] SCHEDULED AUTOS [ ] HIRED AUTOS ONLY [ ] NON-OWNED AUTOS ONLY			34UECZG3786	10/29/2018	10/29/2019	COMBINED SINGLE LIMIT (Ea accident) BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident)	$ 1,000,000 $ $ $
	[ ] UMBRELLA LIAB [ ] OCCUR [ ] EXCESS LIAB [ ] CLAIMS-MADE [ ] DED [ ] RETENTION $						EACH OCCURRENCE AGGREGATE	$ $
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) Y / N: Y If yes, describe under DESCRIPTION OF OPERATIONS below	N / A		TWC3745376	11/15/2018	11/15/2019	[X] PER STATUTE [ ] OTH-ER E.L. EACH ACCIDENT E.L. DISEASE - EA EMPLOYEE E.L. DISEASE - POLICY LIMIT	 $ 1,000,000 $ 1,000,000 $ 1,000,000
A	Professional Liability Contractor Pollution Liability			EPK-124745	11/01/2018	11/01/2019		$2,000,000 $2,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

CERTIFICATE HOLDER

For Informational Purposes

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

Annette Bossert

© 1988-2015 ACORD CORPORATION. All rights reserved.

CRAIN & ASSOCIATES

Transportation Planning / Traffic Engineering

June 18, 2019

Mr. Wes Pringle
Transportation Engineer
Metro Development Review Division
Department of Transportation
100 S. Main Street, 9th Floor
Los Angeles, CA 90012

RE: Avenue 34 & Pasadena Mixed-Use Project Traffic Impact Analysis Update

Dear Mr. Pringle,

Crain & Associates has been requested to provide an update to the approved *Traffic Impact Report for Avenue 34 & Pasadena Mixed-Use Project*, January 2016 ("2016 Traffic Study"). Since the approval of the 2016 Traffic Study, the project team has decided to refine the project components which results in a reduction of the peak periods traffic generation. This technical memorandum has been prepared to address the refined project description and its potential impacts.

Background

The proposed project analyzed in the 2016 Traffic Study, which was approved by LADOT per the January 28, 2016 assessment letter, included the construction of 410 apartment units, 10,000 square feet of shopping center and 30,000 square feet of office spaces. The traffic study analyzed existing (2016) and future (2020) traffic conditions at ten study intersections located in the vicinity of the project. That study concluded the project would result in significant traffic impacts at the following intersections:

1. Figueroa Street and Avenue 26
2. Pasadena Avenue/Avenue 26 and Daly Street

To mitigate the project's significant traffic impacts at the above two intersections, the project proposed to implement Transportation Demand Management (TDM) Program and

300 Corporate Pointe
Suite 470
Culver City, CA 90230
310 473 6508 (main)
310 444 9771 (fax)

www.crainandassociates.com

Transportation Systems Management (TSM) Improvements. With the implementation of the mitigation measures, the project's significant traffic impacts at the above two intersections would be mitigated to a less than significant level.

As noted earlier, the project has recently been refined. The current proposed project would include up to 421 market rate apartment units, 47 affordable units and 16,444 square feet of shopping center uses. Therefore, while the amount of total units has increased, the total square footage of commercial space has been reduced.

Project Trip Generation Update

To be conservative, the project trip generation update has implemented the same trip generation rates and assumptions as the 2016 Traffic Study for the same land use types. For the affordable residential component, the LADOT affordable housing survey trip generation rates provided in Appendix A were used to determine the daily, AM and PM peak-hour trips generated by the proposed affordable residential uses. The refined project would generate less peak hour trips due to the refined project components. As shown in Table 1 and Attachment B, compared to the project trip generations included in the 2016 Traffic Study, it is estimated that the refined project will generate approximately 78 more daily trips and 4 less AM peak-hour trips and 4 less PM peak-hour trips.

Table 1
Project Trip Generation Comparison

	Daily	AM Peak Hour	PM Peak Hour
2016 Traffic Study	2128	161	199
Refined Project	2206	157	195
Net Difference	**78**	**-4**	**-4**

Findings/Conclusions

This analysis concludes that the refinements to the proposed project will not introduce any new peak hour project traffic. The project access locations will remain the same as in the 2016 Traffic Study. As Table 1 shows, compared to the trip generation for the proposed project in the 2016 Traffic Study, the trip generation values from the refined project will be 78 trips higher for daily trips, but 4 trips lower during the AM peak hour and 4 trips lower during the PM peak hour. Therefore, the project refinements will generate less peak hour trips and would not adversely change the previous traffic impact conclusions.

Sincerely,

Helen Shi, PE
Senior Transportation Engineer
TE 2474, CE 75894

HS
C22536
JB99115
attachments

ATTACHMENT A
PROJECT TRIP GENERATION RATES

Avenue 34 & Pasadena Mixed-Use Development
Refined Project Trip Generation Rates and Equations

LU	Use/Description				
	Affordable Housing - Family				
	Daily:	T=	4.08	Trips per dwelling unit	
	AM Peak Hour:	T=	0.5	Trips per dwelling unit	
	Inbound	40%			
	Outbound	60%			
	PM Peak Hour:	T=	0.34	Trips per dwelling unit	
	Inbound	55%			
	Outbound	45%			
110	Light Industrial				
	Daily:	T = (	6.97	* X)	
	AM Peak Hour:	T = (	0.92	* X)	
	Inbound	88%			
	Outbound	12%			
	PM Peak Hour:	T = (	0.97	* X)	
	Inbound	12%			
	Outbound	88%			
150	Warehousing				
	Daily:	T = (	3.56	* X)	
	AM Peak Hour:	T = (	0.30	* X)	
	Inbound	79%			
	Outbound	21%			
	PM Peak Hour:	T = (	0.32	* X)	
	Inbound	25%			
	Outbound	75%			
220	Apartment				
	Daily:	T = (	6.06	* D) +	123.56
	AM Peak Hour:	T = (	0.49	* D) +	3.73
	Inbound	20%			
	Outbound	80%			
	PM Peak Hour:	T = (	0.55	* D) +	17.65
	Inbound	65%			
	Outbound	35%			
710	General Office Building (Rate)				
	Daily:	T = (	11.03	* X)	
	AM Peak Hour:	T = (	1.56	* X)	
	Inbound	88%			
	Outbound	12%			
	PM Peak Hour:	T = (	1.49	* X)	
	Inbound	17%			
	Outbound	83%			
820	Retail (Rate)				
	Daily:	T = (	42.70	* X)	
	AM Peak Hour:	T = (	0.96	* X)	
	Inbound	62%			
	Outbound	38%			
	PM Peak Hour:	T = (	3.71	* X)	
	Inbound	48%			
	Outbound	52%			

Notes:

Source: ITE Trip Generation, 9th Edition, 2012
LADOT Affordable Housing Survey Trip Generation Rates

ATTACHMENT B
REFINED PROJECT TRIP GENERATION

Avenue 34 & Pasadena Avenue Site
Refined Project Development Level Trip Generation

ITE Code	Land-Use			Daily Trips	AM Peak Hour In	AM Peak Hour Out	AM Peak Hour Total	PM Peak Hour In	PM Peak Hour Out	PM Peak Hour Total
Currently Proposed Project Trips										
220	Apartments	421	Apt.s	2,675	42	168	210	162	87	249
	Affordable Units	47	du	192	10	14	24	9	7	16
820	Shopping Center	16,444	sf	702	10	6	16	29	32	61
	Subtotal			3,569	62	188	250	200	126	326
Less Internal Trips										
	Apartments	Based on Shopping C		(65)	(1)	(1)	(2)	(3)	(3)	(6)
	Affordable Units	Based on Shopping C		(5)	0	0	0	0	0	0
	Shopping Center	-10%		(70)	(1)	(1)	(2)	(3)	(3)	(6)
	Subtotal			(140)	(2)	(2)	(4)	(6)	(6)	(12)
Less Transit/Walk-in										
	Apartments	-15%		(391)	(6)	(25)	(31)	(24)	(13)	(37)
	Affordable Units	-15%		(28)	(2)	(2)	(4)	(1)	(1)	(2)
	Shopping Center	-15%		(95)	(1)	(1)	(2)	(4)	(4)	(8)
	Subtotal			(514)	(9)	(28)	(37)	(29)	(18)	(47)
Proposed Site Driveway Trips										
	Residential			2,378	43	154	197	143	77	220
	Commercial			537	8	4	12	22	25	47
	Total			**2,915**	**51**	**158**	**209**	**165**	**102**	**267**
Existing Site Trips										
150	Warehousing	90,233	sf	321	21	6	27	7	22	29
110	Light Industrial	28,051	sf	196	23	3	26	3	24	27
	Subtotal			517	44	9	53	10	46	56
Transit/Walk-in										
	Warehousing	-15%		(48)	(3)	(1)	(4)	(1)	(3)	(4)
	Other	-15%		(29)	(3)	0	(3)	0	(4)	(4)
	Subtotal			(77)	(6)	(1)	(7)	(1)	(7)	(8)
Existing Site Driveway Trips				**440**	**38**	**8**	**46**	**9**	**39**	**48**
Project Study Intersections Net Trip Impacts										
Site Adjacent Intersections										
	Residential			2,378	43	154	197	143	77	220
	Commercial			97	(30)	(4)	(34)	13	(14)	(1)
	Total			**2,475**	**13**	**150**	**163**	**156**	**63**	**219**
Pass-by Trips										
	Prop. Shopping Center	-50%		(269)	(4)	(2)	(6)	(11)	(13)	(24)
Other Area Intersections										
	Residential			2,378	43	154	197	143	77	220
	Commercial			(172)	(34)	(6)	(40)	2	(27)	(25)
	Total			**2,206**	**9**	**148**	**157**	**145**	**50**	**195**

CITY OF LOS ANGELES

INTER-DEPARTMENTAL CORRESPONDENCE

167 W. Avenue 34/3401 N. Pasadena Av
DOT Case No. CEN19-48477
Old DOT Case No. CEN15-43306

Date: July 11, 2019

To: Heather Bleemers, Senior City Planner
Department of City Planning

From: Wes Pringle, Transportation Engineer
Department of Transportation

Subject: **SUPPLEMENTAL TRAFFIC IMPACT ASSESSMENT FOR THE PROPOSED MIXED-USE DEVELOPMENT AT 167 WEST AVENUE 34/3401-3437 NORTH PASADENA AVENUE**

A traffic impact study for a proposed mixed use development project was submitted to the Department of Transportation (DOT) by Crain & Associates, Inc. on December 2015, and a corresponding DOT assessment report was issued to the Department of City Planning (DCP) on January, 2016. Since then, the project scope has been modified to include up to 421 apartment units, 47 affordable units and 16,444 square feet of shopping center. The following is a comparison of the original and modified projects:

2015			2019	
Apartment Units	410		Apartment Units	421
Shopping Center (Sq. Ft.)	10,000		Affordable Units	47
Office Space (Sq. Ft.)	30,000		Shopping Center (Sq. Ft.)	16,444

The original project was estimated to generate 2,128 net new daily trips, 161 net new trips in the a.m. peak hour, and 199 net new trips in the p.m. peak hour. The revised project is expected to generate 2,206 net new daily trips, 157 net new trips in the a.m. peak hour, and 195 net new trips in the p.m. peak hour. The previous traffic analysis determined that two (2) of the ten (10) analyzed intersections would be significantly impacted by project related traffic. DOT concurs with the findings of the updated analysis that the revised project would also result in the same significant traffic impacts. The modified trip generation table is summarized in attachment 1. All of the project requirements that are identified in DOT's January 2016 letter (included in attachment 2) shall remain in effect.

If you have any questions, please contact Russell Hasan of my staff at (213) 972-8628.

Attachments

J:\Letters\2019\CEN19-48477_167 Avenue 34 Mixed-Use_OLD ID 43306.doc

c: Gerald Gubatan, Council District No. 1
Matthew Masuda, BOE Development Services
Mehrdad Moshkar, DOT Central District
Taimour Tanavoli, DOT Case Management
Helen Shi, Crain Associates, Inc.

Avenue 34 & Pasadena Avenue Site
Refined Project Development Level Trip Generation

ITE Code	Land-Use			Daily Trips	AM Peak Hour In	AM Peak Hour Out	AM Peak Hour Total	PM Peak Hour In	PM Peak Hour Out	PM Peak Hour Total
Currently Proposed Project Trips										
220	Apartments	421	Apt.s	2,675	42	168	210	162	87	249
	Affordable Units	47	du	192	10	14	24	9	7	16
820	Shopping Center	16,444	sf	702	10	6	16	29	32	61
	Subtotal			3,569	62	188	250	200	126	326
Less Internal Trips										
	Apartments	Based on Shopping C		(65)	(1)	(1)	(2)	(3)	(3)	(6)
	Affordable Units	Based on Shopping C		(5)	0	0	0	0	0	0
	Shopping Center	-10%		(70)	(1)	(1)	(2)	(3)	(3)	(6)
	Subtotal			(140)	(2)	(2)	(4)	(6)	(6)	(12)
Less Transit/Walk-in										
	Apartments	-15%		(391)	(6)	(25)	(31)	(24)	(13)	(37)
	Affordable Units	-15%		(28)	(2)	(2)	(4)	(1)	(1)	(2)
	Shopping Center	-15%		(95)	(1)	(1)	(2)	(4)	(4)	(8)
	Subtotal			(514)	(9)	(28)	(37)	(29)	(18)	(47)
Proposed Site Driveway Trips										
	Residential			2,378	43	154	197	143	77	220
	Commercial			537	8	4	12	22	25	47
	Total			**2,915**	**51**	**158**	**209**	**165**	**102**	**267**
Existing Site Trips										
150	Warehousing	90,233	sf	321	21	6	27	7	22	29
110	Light Industrial	28,051	sf	196	23	3	26	3	24	27
	Subtotal			517	44	9	53	10	46	56
Transit/Walk-in										
	Warehousing	-15%		(48)	(3)	(1)	(4)	(1)	(3)	(4)
	Other	-15%		(29)	(3)	0	(3)	0	(4)	(4)
	Subtotal			(77)	(6)	(1)	(7)	(1)	(7)	(8)
Existing Site Driveway Trips				**440**	**38**	**8**	**46**	**9**	**39**	**48**
Project Study Intersections Net Trip Impacts										
Site Adjacent Intersections										
	Residential			2,378	43	154	197	143	77	220
	Commercial			97	(30)	(4)	(34)	13	(14)	(1)
	Total			**2,475**	**13**	**150**	**163**	**156**	**63**	**219**
Pass-by Trips										
	Prop. Shopping Center	-50%		(269)	(4)	(2)	(6)	(11)	(13)	(24)
Other Area Intersections										
	Residential			2,378	43	154	197	143	77	220
	Commercial			(172)	(34)	(6)	(40)	2	(27)	(25)
	Total			**2,206**	**9**	**148**	**157**	**145**	**50**	**195**

Attachment 2
167 W Ave 34/3401 N Pasadena Ave
DOT Case No. CEN 19-48477
Old DOT Case No. CEN 15-43306

FORM GEN. 160A (Rev. 1/82)

CITY OF LOS ANGELES

INTER-DEPARTMENTAL CORRESPONDENCE

167 W Ave 34 / 3401 N Pasadena Ave
DOT Case No. CEN 15 – 43306

Date: January 28, 2016

To: Nicholas Hendricks, Senior City Planner
Department of City Planning

From: Wes Pringle, Transportation Engineer
Department of Transportation

Subject: **TRAFFIC IMPACT ASSESSMENT FOR THE PROPOSED DEVELOPMENT AT 167 WEST AVENUE 34 / 3401-3437 NORTH PASADENA AVENUE**

The Department of Transportation (DOT) has reviewed the traffic analysis prepared by Crain & Associates, Inc., dated December 2015 for the proposed mixed-use project located at 167 West Avenue 34 / 3401-3437 North Pasadena Avenue. In order to evaluate the effects of the project's traffic on the available transportation infrastructure, the significance of the project's traffic impacts is measured in terms of change to the volume-to-capacity (V/C) ratio between the "future no project" and the "future with project" scenarios. This change in the V/C ratio is compared to DOT's established threshold standards to assess the project-related traffic impacts. Based on DOT's traffic impact criteria[1], the proposed project is expected to create significant traffic impacts at two of ten study intersections that were identified for detailed analysis. The results of the traffic impact analysis, which accounted for other known development projects in evaluating potential cumulative impacts and adequately evaluated the project's traffic impacts on the surrounding community, are summarized in **Attachment 1**.

DISCUSSION AND FINDINGS

A. Project Description

The project proposes to demolish an existing site that contains approximately 90,233 square feet of warehousing and 28,051 square feet of light industrial space. After demolition, the project will construct a mixed-use site with 410 apartment units, 10,000 square feet of shopping center and 30,000 square feet of office spaces. Vehicular access for the on-site subterranean parking will be provided via two two-way driveways along Avenue 34. Additionally, a two-way driveway on Pasadena Avenue will provide access to the commercial loading dock and short-term retail surface parking. The project is expected to be completed by 2020.

B. Trip Generation

The project is estimated to generate a net increase of approximately 2,128 daily trips, a net increase of 161 trips in the a.m. peak hour and a net increase of 199 trips in the

[1] Per the DOT Traffic Study Policies and Procedures, a significant impact is identified as an increase in the Critical Movement Analysis (CMA) value, due to project related traffic, of 0.01 or more when the final ("with project") Level of Service (LOS) is LOS E or F; an increase of 0.020 or more when the final LOS is LOS D; or an increase of 0.040 or more when the final LOS is LOS C.

p.m. peak hour. A copy of the trip generation can be found in **Attachment 2**. The trip generation estimates are based on formulas published by the Institute of Transportation Engineers (ITE) Trip Generation, 9th Edition, 2012.

C. Significant traffic impact

In order to evaluate the effects of the project traffic on the available transportation infrastructure, the significance of the project's traffic impacts is measured in terms of change to the volume-to-capacity (V/C) ratio between the "future no project" and the "future with project" scenarios. This change in the V/C ratio is compared to DOT's established threshold standards to assess the project-related traffic impacts. The traffic study estimates that the project would result in a significant traffic impacts at the following intersections:

1. Figueroa Street and Avenue 26
2. Pasadena Avenue/Avenue 26 and Daly Street

To off-set this significant traffic impact, the traffic study proposed a transportation mitigation programs designed to fully mitigate this impact (discussed in the "Project Requirements" section).

D. Freeway Analysis

The traffic study included a freeway impact analysis that was prepared in accordance with the State-mandated Congestion Management Program (CMP) administered by the Los Angeles County Metropolitan Transportation Authority (MTA). According to this analysis, the project would not result in significant traffic impacts on any of the evaluated freeway mainline segments. To comply with the Freeway Analysis Agreement executed between Caltrans and DOT in October 2013, the study also included a screening analysis to determine if additional evaluation of freeway mainline and ramp segments was necessary beyond the CMP requirements. Exceeding one of the four screening criteria would require the applicant to work directly with Caltrans to prepare more detailed freeway analyses. The project did not meet or exceed any of the thresholds defined in the agreement; therefore, no additional analysis was required by Caltrans.

PROJECT REQUIREMENTS

A. Transportation Demand Management Plan & Trip Monitoring Program

Consistent with City policies on sustainability and smart growth and with DOT's trip reduction and multi-modal transportation goals, the project's mitigation program first focuses on developing a trip reduction program and on solutions that promote other modes of travel. The traffic mitigation program includes the following improvements:

1. **Transportation Demand Management (TDM) Program**

   The purpose of a TDM plan is to reduce the use of single occupant vehicles (SOV) by increasing the number of trips by walking, bicycle, carpool, vanpool and transit. A TDM plan should include design features, transportation services, education, and incentives intended to reduce the amount of SOV during commute hours. Through strategic building design and orientation, this project can facilitate access to transit, can provide a pedestrian-friendly environment,

can promote non-automobile travel and can support the goals of a trip-reduction program.

A preliminary TDM program shall be prepared and provided for DOT review prior to the issuance of the first building permit for this project and a final TDM program approved by DOT is required prior to the issuance of the first certificate of occupancy for the project. The TDM program should include, but not be limited to, the following strategies:

- Provide an internal Transportation Management Coordination Program with an on-site transportation coordinator;
- Design the project to ensure a bicycle, transit, and pedestrian friendly environment;
- Provide unbundled parking that separates the cost of obtaining assigned parking spaces from the cost of purchasing or renting residential units;
- Accommodate flexible/alternative work schedules and telecommuting programs;
- A provision requiring compliance with the State Parking Cash-out Law in all leases;
- Coordinate with DOT to determine if the project location is eligible for a future Integrated Mobility Hub (which can include space for a bike share kiosk, and/or parking spaces on-site for car-share vehicles);
- Provide on-site transit routing and schedule information;
- Provide a program to discount transit passes for residents/employees possibly through negotiated bulk purchasing of passes with transit providers;
- Provide rideshare matching services;
- Preferential rideshare loading/unloading or parking location;
- Contribute a one-time fixed fee contribution of **$75,000** to be deposited into the City's Bicycle Plan Trust Fund to implement bicycle improvements in the vicinity of the project.

In addition to these TDM measures, DOT also recommends that the applicant explore the implementation of an on-demand van, shuttle or tram service that connects the project employees to off-site transit stops based on the transportation needs of the project's employees. Such a service can be included as an additional measure in the TDM program if it is deemed feasible and effective by the applicant.

In order to mitigate projected traffic impacts to a less than significant level, the applicant shall implement a TDM/TMP to reduce the project trip generation by 15%. Specifically, the project shall not exceed a **driveway trip volume count of 179 trips during the a.m. peak hour and 222 trips during the p.m. peak hour, at full occupancy**. To achieve this peak hour driveway trip volume requirement through implementation of an on-site Transportation Demand Management (TDM) Plan the project shall implement a Trip Monitoring Program (TMP).

The applicant shall record a covenant and agreement to annually monitor and submit reports on the progress of the driveway trip reduction plan to DOT. Annual reports shall include a report on the observed trip generation and on the

project's mode share. The detailed goals, objectives, terms and strategies of the TDM plan and reporting requirements shall be determined during the preparation of the final the TDM plan is due prior to the issuance of any temporary or final certificate of occupancy permit for the project. The plan should also identify any appropriate penalties, should the project not achieve compliance with the targeted number of driveway trips within a year of exceeding the limits. The TMP shall continue until such time that the project has shown, for five (5) consecutive years, at a minimum of 85% occupancy, accomplishment of the peak hour driveway trip volume requirement as listed.

2. **Transportation Systems Management (TSM) Improvements**
LADOT's ATSAC Section has identified the need to update the existing traffic signal system. Specifically, install one CCTV camera, a new type 2070 controller, and the necessary infrastructure (including, but not limited to, fiber optic and interconnect) to activate the new installation, at the Pasadena Avenue/Avenue 26 and Daly Street intersection.

The upgrades shall be implemented by the applicant through the B-Permit process. The video fiber/fiber optic improvements must be guaranteed prior to the issuance of any building permit and completed prior to the issuance of any certificate of occupancy. Temporary certificates of occupancy may be granted in the events of any delay through no fault of the applicant, provided that, in each case, the applicant has demonstrated reasonable efforts and due diligence to the satisfaction of DOT.

B. Highway Dedication and Street Widening Requirements

On August 11, 2015, the City Council adopted the Mobility Plan 2035 which is the new Mobility Element of the General Plan. A key feature of the updated plan is to revise street standards in an effort to provide a more enhanced balance between traffic flow and other important street functions including transit routes and stops, pedestrian environments, bicycle routes, building design and site access, etc. The applicant should check with BOE's Land Development Group to determine the specific highway dedication, street widening and/or sidewalk requirements for this project. In general, per the new Mobility Element:

Pasadena Avenue has been designated a Modified Avenue II (Secondary Highway), and would require a 26-foot half-width roadway within a 38-foot half-width right-of-way.

Avenue 34 has been designated a Modified Local Street and would require an 20-foot half-width roadway within a 30-foot half-width right-of-way.

C. Construction Impacts

DOT recommends that a construction work site traffic control plan be submitted to DOT for review and approval prior to the start of any construction work. The plan should show the location of any roadway or sidewalk closures, traffic detours, haul routes, hours of operation, protective devices, warning signs and access to abutting properties. DOT also recommends that all construction related traffic be restricted to off-peak hours.

D. Parking Requirements

The traffic study indicated that the project would provide sufficient vehicle parking spaces to meet the requirements of the City of Los Angeles Municipal Code. The applicant should check with the Department of Building and Safety on the number of Code-required parking spaces needed for the project.

E. Driveway Access and Circulation

The conceptual site plan (**Attachment 3**) is acceptable to DOT. However, the review of this study does not constitute approval of the driveway dimensions, access and circulation scheme. Those require separate review and approval and should be coordinated with DOT's Citywide Planning Coordination Section (201 N. Figueroa Street, 4th Floor, Station 3, at 213-482-7024). In order to minimize and prevent last minute building design changes, the applicant should contact DOT for driveway width and internal circulation requirements so that such traffic flow considerations are designed and incorporated early into the building and parking layout plans. All driveways should be Case 2 driveways and 30 feet wide for two-way operations. Any security gates should be a minimum of 20 feet from the property line or to the satisfaction of DOT.

F. Development Review Fees

An ordinance adding Section 19.15 to the Los Angeles Municipal Code relative to application fees paid to DOT for permit issuance activities was adopted by the Los Angeles City Council in 2009 and updated in 2014. This ordinance identifies specific fees for traffic study review, condition clearance, and permit issuance. The applicant shall comply with any applicable fees per this ordinance.

If you have any questions, please contact me at (213) 972-8482.

Attachments

K:\Letters\2016\CEN15-43306_167 W Ave 34_ts_ltr.doc

c: Gerald Gubatan, Council District No. 1
Gregg Vandergriff, Central District, BOE
Mehrdad Moshksar, Central District Office, DOT
Taimour Tanavoli, Citywide Planning Coordination Section, DOT
George Rhyner, Helen Shi, Crain & Associates, Inc.

The results of the analysis of future traffic conditions at the study intersections are summarized in Table 10. As shown in this table, although the addition of Project traffic will increase the CMA value at all of the study intersections during both peak hours, the incremental Project traffic additions will not result in a change in level of service at any study intersections. For the Future (2020) With Project condition, with or without the addition of Project traffic, it is estimated that 8 of the study intersections will continue to have acceptable levels of service (LOS A through LOS D) during both peak hours. The remaining 2 study intersections are expected to operate at LOS E or F during one or both peak hours with or without the Project.

Table 10
Critical Movement Analysis (CMA) Summary
Future (2020) Traffic Conditions - Without and With Project

No.	Intersection	Hour	CMA	LOS	CMA	LOS	Impact	
1.	Figueroa St. &	AM	0.684	B	0.687	B	0.003	
	Pasadena Ave.	PM	0.449	A	0.452	A	0.003	
2.	Figueroa St. &	AM	0.881	D	0.903	E	0.022	*
	Avenue 26	PM	0.879	D	0.884	D	0.005	
3.	Figueroa St. &	AM	0.546	A	0.553	A	0.007	
	SR-110 Fwy.On-/Off-Ramp	PM	0.489	A	0.503	A	0.014	
4.	I-5 Fwy. NB Off-Ramp/Lacy St. &	AM	0.456	A	0.456	A	0.000	
	Avenue 26	PM	0.446	A	0.450	A	0.004	
5.	Pasadena Ave. &	AM	0.700	C	0.704	C	0.004	
	Avenue 35	PM	0.490	A	0.501	A	0.011	
6.	Pasadena Ave. &	AM	0.772	C	0.800	C	0.028	
	Avenue 33	PM	0.447	A	0.471	A	0.024	
7.	Pasadena Ave. &	AM	0.488	A	0.515	A	0.027	
	Avenue 28	PM	0.267	A	0.291	A	0.024	
8.	Pasadena Ave./Avenue 26 &	AM	0.978	E	0.998	E	0.020	*
	Daly St.	PM	0.831	D	0.856	D	0.025	*
9.	Pasadena Ave. &	AM	0.507	A	0.515	A	0.008	
	I-5 Fwy. NB On/Off-Ramp	PM	0.363	A	0.369	A	0.006	
10.	Pasadena Ave. &	AM	0.327	A	0.331	A	0.004	
	I-5 Fwy. SB On/Off-Ramp	PM	0.314	A	0.320	A	0.006	

* Indicates a significant impact using the LADOT criteria.

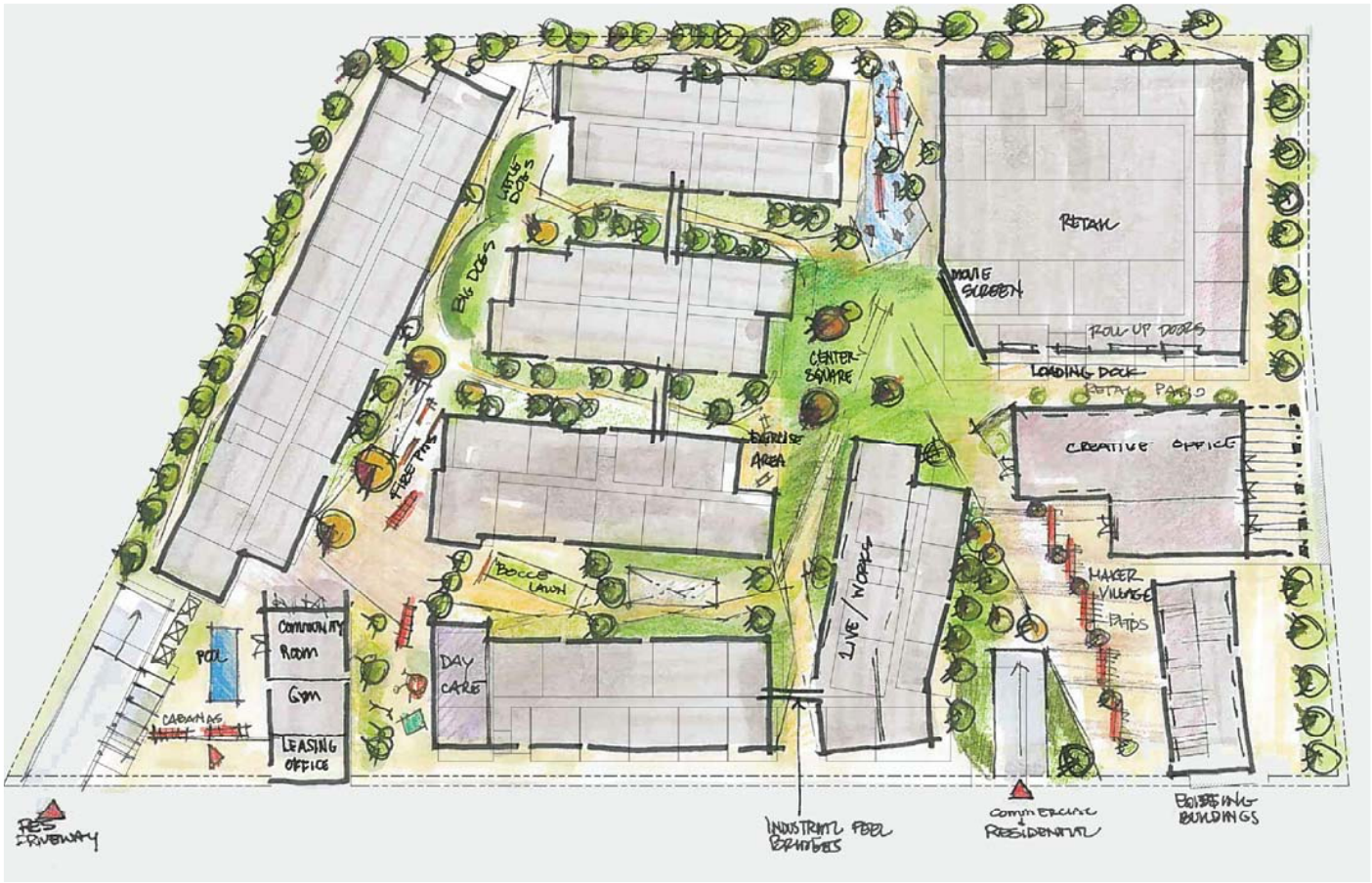


FIGURE 2

11/17/2015

FN: AVE 34W & PASADENA MIXED USE\SITE PLAN

PROJECT SITE PARCEL MAP

CRAIN & ASSOCIATES
Transportation Planning
Traffic Engineering
300 Corporate Pointe, Suite 470
Culver City, California 90230
PH (310) 473 6508 F (310) 444 9771
www.crainandassociates.com

FORM GEN. 160A (Rev. 1/82)

CITY OF LOS ANGELES

INTER-DEPARTMENTAL CORRESPONDENCE

167 W. Avenue 34/3401 N. Pasadena Av
DOT Case No. CEN19-48477
Old DOT Case No. CEN15-43306

Date: August 7, 2019

To: Heather Bleemers, Senior City Planner
Department of City Planning

From: Wes Pringle, Transportation Engineer
Department of Transportation

Subject: **SUPPLEMENTAL TRAFFIC IMPACT ASSESSMENT FOR THE PROPOSED MIXED-USE DEVELOPMENT AT 167 WEST AVENUE 34/3401-3437 NORTH PASADENA AVENUE**

A traffic impact study for a proposed mixed use development project was submitted to the Department of Transportation (DOT) by Crain & Associates, Inc. on December 2015, and a corresponding DOT assessment report was issued to the Department of City Planning (DCP) on January, 2016. Since then, the project scope has been modified to include up to 421 apartment units, 47 affordable units and 16,444 square feet of shopping center. The following is a comparison of the original and modified projects:

2015			2019	
Apartment Units	410		Apartment Units	421
Shopping Center (Sq. Ft.)	10,000		Affordable Units	47
Office Space (Sq. Ft.)	30,000		Shopping Center (Sq. Ft.)	16,444

The original project was estimated to generate 2,128 net new daily trips, 161 net new trips in the a.m. peak hour, and 199 net new trips in the p.m. peak hour. The revised project is expected to generate 2,206 net new daily trips, 157 net new trips in the a.m. peak hour, and 195 net new trips in the p.m. peak hour. The previous traffic analysis determined that two (2) of the ten (10) analyzed intersections would be significantly impacted by project related traffic. DOT concurs with the findings of the updated analysis that the revised project would also result in the same significant traffic impacts. The modified trip generation table is summarized in Attachment 1. All of the project requirements that are identified in DOT's January 2016 letter (included in Attachment 2) shall remain in effect.

If you have any questions, please contact Russell Hasan of my staff at (213) 972-8628.

Attachments

J:\Letters\2019\CEN19-48477_167 Avenue 34 Mixed-Use_OLD ID 43306.doc

c: Gerald Gubatan, Council District No. 1
Matthew Masuda, BOE Development Services
Mehrdad Moshkar, DOT Central District
Taimour Tanavoli, DOT Case Management
Helen Shi, Crain Associates, Inc.

Exhibit E

HCIDLA

Determination Letter

Los Angeles
HOUSING+COMMUNITY
Investment Department

Eric Garcetti, Mayor
Rushmore D. Cervantes, General Manager

DATE: August 30, 2019

TO: ED 1125, LLC, a California limited liability company, Owner

FROM: Marites Cunanan, Senior Management Analyst I
Los Angeles Housing and Community Investment Department

SUBJECT: **AB 2556 (TOC) Determination for**
3401-3433 Pasadena Avenue, Los Angeles, CA 90031
141-153 W Avenue 34, Los Angeles, CA 90031

Based on the Affordable Unit Determination Application submitted by Jay Stark (Owner Representative) on behalf of ED 1125, LLC, a California limited liability company (Owner), the Los Angeles Housing + Community Investment Department (HCIDLA) has determined that no units are subject to replacement under AB 2556 (formerly AB 2222).

Information about the existing property for the five years prior to the date of the application is required in order to make a determination. HCIDLA received the Affordable Unit Determination on or about August 23, 2019, so HCIDLA must collect data from August 2014 to August 2019.

ED 1125, LLC, a California limited liability company (Owner) acquired the property commonly known as:
3401 Pasadena Ave under APN # 5205-004-003, Lot 3 on January 10, 2006 per Grant Deed.
153 W Ave 34 under APN # 5205-004-005, Lot 61 on July 31, 2000 per Grant Deed.
3433 Pasadena Ave under APN # 5205-004-007, Lot B, 2, & 3 on January 10, 2006 per Grant Deed.
141 W Ave 34 under APN # 5205-004-011, Lot A, 62, 64, & 65 on July 17, 2000 per Grant Deed.

Google Earth images and Internet Search show that the property commonly known as 3401 Pasadena Ave is a manufacturing building.

Per Department of City Planning (ZIMAS), County Assessor Parcel Information (LUPAMS), First American Data Tree, Billing Information Management System (BIMS) database, Code, Compliance and Rent Information System (CRIS) database, Internet Search, and the Rent Stabilization Ordinance Unit (RSO), the property commonly known as 3401 Pasadena Ave has a use code of "3100-Light Manufacturing/Printing".

Google Earth images and Internet Search show that the property commonly known as 153 W Ave 34 is a manufacturing building.

Per Department of City Planning (ZIMAS), County Assessor Parcel Information (LUPAMS), First American Data Tree, Billing Information Management System (BIMS) database, Code, Compliance and Rent Information System (CRIS) database, Internet Search, and the Rent Stabilization Ordinance Unit (RSO), the property commonly known as 153 W Ave 34 has a use code of "3100-Light Manufacturing/Printing".

Google Earth images and Internet Search show that the property commonly known as 3433 Pasadena Ave is a manufacturing building.

Per Department of City Planning (ZIMAS), County Assessor Parcel Information (LUPAMS), First American Data Tree, Billing Information Management System (BIMS) database, Code, Compliance and Rent Information System (CRIS) database, Internet Search, and the Rent Stabilization Ordinance Unit (RSO), the property commonly known as 3433 Pasadena Ave has a use code of "3100-Light Manufacturing/Printing".

Google Earth images and Internet Search show that the property commonly known as 141 W Ave 34 is a warehouse.

Per Department of City Planning (ZIMAS), County Assessor Parcel Information (LUPAMS), First American Data Tree, Billing Information Management System (BIMS) database, Code, Compliance and Rent Information System (CRIS) database, Internet Search, and the Rent Stabilization Ordinance Unit (RSO), the property commonly known as 141 W Ave 34 has a use code of "3300-Warehouse".

The Los Angeles Department of Building and Safety database indicates that the Owner has not applied for a Building Permit or Demolition Permit for the project.

Per statement received by HCIDLA on August 23, 2019, the Owner plans to construct a four hundred sixty eight (468) unit residential apartment development, pursuant to Transit Oriented Communities (TOC) guidelines.

HCIDLA has determined that there were no residential units built and demolished on the property, which currently has three manufacturing buildings and one warehouse within the last five years. Therefore, no AB 2556 replacement affordable units are required. **Please note that this AB 2556 determination will also apply if the proposed project is Density Bonus (DB).**

This determination is provisional and subject to verification by the RSO Section.

****WARNING****
LOT TIES AND EXISTING PRE-1978 SINGLE FAMILY DWELLING ON ONE LOT

ISSUE:	Is a **LOT TIE** required for the **NEW** project?
IF NO:	Owner's existing Rent Stabilization (RSO) replacement obligation, if any, remains the **SAME** as above.
IF YES:	Owner's existing RSO replacement obligation, if any, will **INCREASE** by one and the new project will also be subject to the RSO, unless the existing single family dwelling is demolished before the lots are tied.

cc: Los Angeles Housing and Community Investment Department File
ED 1125, LLC, a California limited liability company, Owner
Ulises Gonzalez, Case Management Section, City Planning Department

MAC:ew

Exhibit F

Public Comments

DLA Piper LLP (US)
550 South Hope Street
Suite 2400
Los Angeles, California 90071-2618
www.dlapiper.com

Andrew Brady
andrew.brady@dlapiper.com
T 213.694.3108
F 310.595.3445

July 17, 2020
VIA EMAIL

Michelle Carter
Oliver Netburn
Los Angeles City Planning Department
200 N. Spring St., Room 763
Los Angeles, CA 90012
Planning4LA.org
T: (213) 978-1262
michelle.carter@lacity.org
oliver.netburn@lacity.org

Re: 135-153 W. Avenue 34; DIR-2019-TPC-SPR-WDI
ENV-2016-273-MND-REC1
Letter Addressing Community Outreach Issues

Dear Ms. Carter and Mr. Netburn:

We are writing on behalf of the project applicant to ensure that the record is clear regarding the public outreach efforts we have taken with the Lincoln Heights community regarding the 141 Avenue 34 Project (the "Project"). In particular, we understand a small group of certain community members who live near and expressed opposition to the Project have stated to City of Los Angeles ("City") staff and officials that they have not had an opportunity for engagement with the applicant Project Team to express their concerns regarding the Project. Such claims are simply inaccurate. The Project Team has in fact engaged in extensive attempts at community engagement with these very individuals, including the individual who filed an appeal of the Project Director's Determination Approval to the City Planning Commission, as documented in this letter.

By way of providing some background information on the Project, it is located at 141 Avenue 34 ("Property") in the Lincoln Heights planning area of the City. It is located on a CM (Commercial Manufacturing) zoned site and General Plan area, and is surrounded by similarly zoned sites. The Project fronts Pasadena Avenue to the east, Avenue 34 to the south, and the Arroyo Seco and 110 Freeway to the west and north. It consists of 468 residential units (including 66 Very Low Income affordable units) and approximately 14,000 square feet of ground floor commercial uses along Pasadena Avenue. These uses are located within three 4 and 5 story buildings on an approximately five acre site that currently contains only commercial uses (no residents would be displaced as a result of the Project). The proposed Floor Area Ratio of the Project is 2.51:1 (a 3:1 base FAR is allowed by code). The Project provides approximately 1.5 acres of public open space along Pasadena Avenue and is a 5-minute walk from the Heritage Square Gold Line Station.

It is also critical to note that the proposed Project is a revised version of a mixed-use project—already approved by the City–at the Property. This approved project ("Approved Project") was larger and taller than the Project, and included 372 residential units, 14,000 square feet of commercial uses, and 30,000 square feet of office uses. It also only included 31 proposed affordable units at the Very Low Income level—less than half of the affordable housing units proposed by the Project. The Approved Project was

not appealed at the time it was approved, and could be built on the Property today without the need for any additional discretionary City process.

As confirmed by the City's CEQA analysis for the Project, the Project is a smaller and less environmentally impactful version of the Approved Project. Thus, the currently proposed Project is not necessary to fully redevelop the Property with a mixed-use development—it would merely allow a smaller development with more residential units and over double the amount of affordable housing as allowed by the currently entitled project.

Before filing for the Project entitlements, the City and the District 1 Council Office asked the Project Team to engage in community outreach with neighbors living near the Project site, and also asked that we present the Project at the Lincoln Heights Neighborhood Council to get feedback from the community. At every step of the process, the City has urged the Project Team to continue to engage in outreach.

As set forth in detail below, in response, the Project Team has and continues to engage in extensive community outreach. This has included numerous discussions with neighboring property owners and the local BID, presenting the Project at the Lincoln Heights Neighborhood Council, and numerous calls and emails with community members and the Council Office. A chronology identifying some of the Project Team's efforts is set out below, which have included English/Spanish bilingual communications, though we note this chronology does not cover each and every conversation and focuses primarily on our ongoing outreach efforts with the individuals and businesses on and around Avenue 34. We also note that we have made ourselves available to present at Lincoln Heights Neighborhood Council Land Use Committee meetings in the last few months, which have unfortunately been put on hold due to the COVID-19 crisis.

Based on our conversations with community members, Neighborhood Council leadership, and the Council Office, we learned one of the primary concerns in the area surrounding the Project site is pedestrian safety. In response, the Project Team *voluntarily* took on numerous off-site efforts to address pedestrian safety concerns, including adding crosswalks, lighting, signage and also adding new safety signage at Avenue 33 and Artesian Street at a Metro Gold Line street crossing, which we developed in partnership with Metro. These conditions are reflected in the Project's conditions of approval.

As indicated, the Project Team has also repeatedly reached out to the local group of individuals who live on Avenue 34, whom we first met at the Lincoln Heights Neighborhood Council Land Use Committee meeting in February of 2020 (one of whom is the appellant who filed the appeal of the Project to CPC). The Project Team has made numerous efforts to schedule calls and meetings with these individuals. However, as set forth below, they repeatedly denied our invitations to hold virtual meetings and/or conference calls for many months since February, only agreeing to meet with us in the last week (they have still not responded to our email setting forth a range of potential meeting dates).

We understand these same people have complained that they have been denied the ability to engage and have their voices heard regarding the Project. Nothing could be further from the truth. As listed in detail below, the Project Team has made numerous attempts to engage with these individuals, which attempts had been repeatedly rejected by the very people who are claiming that they have been silenced.

Based on the contact we have had with the neighbors living on Avenue 34, the primary concern we have heard from them repeatedly is that they are concerned that the Project would result in a loss of their street parking on Avenue 34 for their guests and customers. The Project Team informed these community members that their request that we add substantial parking to the Project was contrary to City Planning Commission policy and that the Project was already parked in excess of code requirements. The Project is of course obligated to strike a balance between the community's desire for more on-site parking in the Project with a goal of ensuring no impacts on street parking, and City policies regarding limiting the amount of such parking in key transit priority area sites such as the Property.

As an alternative, the Project Team offered to work with the Avenue 34 residents regarding finding other solutions to address their street parking concerns including property management controls, and working with them and the City to set up street parking restrictions on Avenue 34, or setting up a preferential parking district. We informed the residents we would help them and work with them and the City to pursue whatever options they prefer. As detailed below, the community members living on and near Avenue 34 including the appellant to whom we reached out ignored and denied our offers to work with them to find such solutions for many months. The Project Team, however, remains willing to work with the community members on identifying and implementing solutions to their street parking concerns. As of last week, the community members with whom we had been engaged since February finally agreed to meet with us. We are currently planning a community meeting we have offered to be held before the appeal hearing, which is currently scheduled for August 13, 2020.

When we met with the community at the Lincoln Heights Neighborhood Council Land Use Committee meeting in February, community members at the meeting also asked whether the Project could have the vehicle ingress and egress point for the Project come in off the major street, Pasadena Avenue, rather than off the smaller street Avenue 34, as currently designed. We also understand certain community members posed the same question to LADOT. Both the Project Team and, as we understand it, LADOT informed them that bringing in cars off a major street when access via a smaller street is available would be contrary to City policy, as it would create traffic and safety impacts City policies are designed to avoid.

Not having all your demands met is not the same thing as being ignored. In this case, the neighbors who live near the Project have not been ignored. Rather, their concerns have been heard and responded to by the Project Team through voluntary conditions of approval for off-site improvements and a standing offer to work with them to address their concerns regarding street parking on Avenue 34. We want the record to be clear that the claims of certain community members that their voices have not been heard are simply inaccurate. To the contrary, we have repeatedly offered to meet with the Project stakeholders and discuss their concerns. For months on end they ignored repeated invitations for calls or meetings.

Here is a timeline of events related to community outreach and Project revisions in response to such outreach - note the timeline below is not exhaustive, and excludes numerous interactions with immediately adjacent property owners, including MTA and the owner of 3500 Pasadena Avenue:

- November 1, 2019 – Robb De Forest on the Project Team e-mailed Hank Shaeffer (attorney for the Self-Realization Fellowship), neighbor, property owner and boardmember of the Lincoln Heights Business Improvement District (BID), to introduce himself, and to offer to come and meet with Mr. Shaeffer at his convenience (Mr. De Forest requested that Mr. Shaeffer propose some convenient times). Mr. Shaeffer did not reply.

- November 4, 2019 – Mr. De Forest met with neighbor, property owner and boardmember of the Lincoln Heights Business Improvement District (BID), Joe Lepore, to introduce himself, to explain that the team was in the process of amending the previously approved site plan, to hear concerns, and to get recommendations of others to contact.
- November 13, 2019 – Mr. De Forest met with Tom & Peter Gertmenian, neighbors, property owners, and BID board members to introduce himself, to explain that the team was in the process of amending the previously approved site plan, to hear concerns, and to get recommendations of others to contact. The Gertmenians expressed some disappointment with losing the views of the distant mountains from their office, and also expressed some concerns about increased traffic on Artesian Street. Mr. De Forest explained that while there is little that the Project Team can do to preserve their views, that they took issues of traffic and safety on Artesian seriously and would explore mitigation measures.
- December 18, 2019 – Mr. De Forest was introduced to neighbor and property owner, Larry Gillins. The two exchanged text messages and Mr. De Forest offered to come and meet Mr. Gillins at his convenience to explain that the team was in the process of amending the previously approved site plan, to hear concerns, and to get recommendations of others to contact. Mr. Gillins did not follow-up.
- February 3, 2020 – Mr. De Forest e-mailed Mr. Shaeffer (Self-Realization Fellowship) to follow up on his prior e-mail and offer to meet to introduce himself and to discuss the Project and identify any potential concerns. Mr. Shaeffer did not respond.
- February 10, 2020 – Mr. De Forest and Kevin Ratner (also of the Project Team) had a follow-up meeting with the Gertmenians to discuss the project, listen to concerns and to brainstorm potential traffic mitigation measures.
- February 13, 2020 – The Project Team presented the Project at the Lincoln Heights Neighborhood Council Land Use Committee meeting. The Committee tabled the item. We discussed the Project outside of the meeting with several neighbors who were present and got emails from the 5 people who came to the meeting and said they lived on Avenue 34. Of note, Avenue 34 only has a few residences–most of the street is made up of commercial uses (this location is CM – Commercial Manufacturing zoned). In hearing the neighbors' concerns about street parking in particular, the Project Team offered to help them set up a preferential parking district and to not let any of the residents of the Project use it.
- February 21, 2020 – Robb De Forest emailed all of the people the Project Team met at the Neighborhood Council meeting and requested a meeting with them.
- February 27, 2020 – Patty Camacho, one of the people who identified as living on Avenue 34, who the Project Team spoke to at the Neighborhood Council meeting and emailed, emailed Mr. De Forest back and said she would circulate his email and follow up with the Project Team.
- February 27, 2020 – Robb De Forest responded to Ms. Camacho, saying we look forward to hearing back. We did not get any follow up email from Ms. Camacho.
- March 11, 2020 – The Lincoln Heights Neighborhood Council Land Use Committee put our Project on the agenda without informing the Project Team. We understand a number of people showed up to discuss the Project. We did not request to be put back on the agenda and were not informed that the Lincoln Heights Neighborhood Council Land Use Committee had a practice of automatically putting tabled items onto the next agenda rather than tabling the item until the project applicant comes back and requests to be put back on the active agenda.
- April 23, 2020 – Mr. Joe Lepore left a voicemail for Mr. De Forest and requested a return phone call. Mr. De Forest sent an e-mail to Mr. Lepore to notify him that his voicemail had been received

and that Mr. De Forest would return his call the following day. Mr. Lepore responded to thank Mr. De Forest.

- April 24, 2020 – Mr. De Forest called Mr. Lepore. Mr. Lepore and Mr. De Forest discussed the local real estate market, and Mr. Lepore notified Mr. De Forest of some neighborhood nuisances that had recently popped up. Mr. De Forest expressed a sincere desire to be helpful to both the BID and to the neighborhood as a whole. Toward the end of the call, Mr. Lepore expressed some concerns about the Project creating a burden on street parking along Avenue 34. Mr. De Forest expressed a desire to work creatively and collaboratively with the neighbors to devise solutions to mitigate this impact. Mr. De Forest also requested Mr. Lepore's assistance with connecting the Project Team to other concerned neighbors and his advice for how best to advance these discussions. Mr. Lepore agreed to give it some thought.
- May 2, 2020 – After not hearing back from the neighbors the Project Team talked to after the last Neighborhood Council Meeting, Robb De Forest of the Project Team sent a follow-up email to the same email addresses to which the prior emails were sent. In this email Mr. De Forest requested a discussion with the neighbors.
- May 3, 2020 – Michael Hayden, who was on the list of the people who identified as living on Avenue 34 (whom we met at the Neighborhood Council meeting on 2/13), responded and said he never got the prior email (all the emails from our team were sent to the same email addresses). He said he wanted us to come to the next Neighborhood Council meeting, and listed some concerns about the Project, including certain factually incorrect statements.
- May 4, 2020 – Mr. De Forest responded to Mr. Hayden's email (and copied Patty Camacho, the Appellant), clarifying a number of the misconceptions about the Project stated in Mr. Hayden's email – including the concerns about all cars from the Project using Artesian St. (Ave 34 is the main access point for the project) and addressing the concerns about hazardous materials off of our Project site. Mr. De Forest also repeated the willingness of the Project Team to help them set up a preferential parking district or implement other parking restrictions to address their parking concerns. Again, Mr. De Forest requested to meet with the neighbors on Ave 34 to discuss their concerns.
- May 6, 2020 – Mr. Hayden responded to Mr. De Forest's e-mail (with a copy to Patty Camacho) thanking him for his reply and informing Mr. De Forest that he would forward Mr. De Forest's e-mail to the "rest of the neighbors" to ask them how they wished to proceed. Mr. De Forest then replied to Mr. Hayden's e-mail (with a copy to Patty Camacho) to thank him.
- May 11, 2020 – Mr. Hayden wrote back said he talked to the neighbors and said that they do not want to meet with us, but only want to discuss our project only at a Neighborhood Council meeting – which were by this time not being held due to the COVID-19 pandemic. He also mentioned the belief that the Project would include a vehicle turnaround on Ave 34 (this is not true). He also thanked Mr. De Forest for listening to their concerns.
- May 11, 2020 – Mr. De Forest wrote Mr. Hayden back (with a copy to Patty Camacho), clarified that there would be no vehicle turnaround on Ave 34 and again offered to meet with the neighbors to discuss their concerns. Mr. Hayden did not respond to this email.
- May 25, 2020 – Richard Larsen emailed Project representative Andrew Brady to indicate they were trying to set up a Lincoln Heights Neighborhood Council Land Use Committee meeting on June 3, 2020, assuming they would be able to set up virtual meetings. Mr. Brady wrote back that same day and said he'd reach out to the Project Team and see if we were available that day.

- May 27, 2020 – Richard Larsen emailed Mr. Brady to inform him the June 3, 2020 Lincoln Heights Neighborhood Council Land Use Committee meeting was cancelled. He mentioned that they would attempt to hold a follow-up meeting on June 10, 2020.
- May 28, 2020 – Mr. Brady emailed Mr. Larson letting him know the Project Team would be there on June 10th, ready to present the changes to the Project the Project Team had implemented to address community concerns.
- May 29, 2020 – Mr. De Forest of the Project Team wrote to Mr. Hayden, and Ms. Camacho to let them know the team would be coming to the June 10, 2020 Neighborhood Council Land Use Committee meeting, and requested that they spread the word to "any and all interested stakeholders."
- June 4, 2020 – Richard Larsen emailed Mr. Brady to inform him the June 10, 2020 Lincoln Heights Neighborhood Council Land Use Committee meeting was cancelled due to ongoing issues related to holding virtual meetings. Mr. Larsen was not sure when the next meeting would be able to be scheduled. Mr. Brady wrote Mr. Larsen back, saying the Project Team would present at the next available meeting, and sent Mr. Larsen an information sheet about the Project with Frequently Asked Questions (FAQ) addressing community issues provided in English and Spanish that could be provided to community members.
- June 5, 2020 – Mr. De Forest of the Project Team wrote to Ave 34 residents Mr. Hayden and Ms. Camacho to let them know that he was informed that the June 10, 2020 Neighborhood Council Land Use Committee meeting was cancelled. Both Ms. Camacho and Mr. Hayden responded to Mr. De Forest to thank him for the update. Mr. De Forest replied to both Ms. Camacho and Mr. Hayden to inform them that he would let them know about a rescheduled meeting date and time once he became aware.
- June 12, 2020 – The Letter of Determination approving the Project was issued by the Planning Department. Mr. De Forest wrote to Ave 34 residents Mr. Hayden, Ms. Camacho, Mr. Lepore, Mr. Wagner, and Ms. Trefry to: inform the neighbors that the LOD had been issued; and, (2) providing another invitation to address any concerns directly and (given the difficulty the Neighborhood Council Land Use Committee was having in hosting meetings) to host a call or videoconference (with translation services offered as well as accommodations made for people with insufficient internet connectivity) to discuss the Project and any concerns.
- June 14, 2020 – Mr. De Forest of the Project Team wrote to Ave 34 residents Mr. Hayden, Ms. Camacho, Mr. Lepore, Mr. Wagner, and Ms. Trefry to: (1) circulate the Project FAQ document to specifically address some of the concerns and project misconceptions of which the Project Team had been made aware (the FAQ document addresses community concerns, particularly noting that, as we had stated to community members, we would work with them on setting up parking restrictions on Avenue 34 to ensure that the current parking is maintained.); (2) to reassure neighbors that just because the LOD was issued, the Project Team still hoped to meet with them to discuss how their concerns could be addressed; and (3) reiterate the invitation to host a call or videoconference (with translation services offered as well as accommodations made for people with insufficient internet connectivity) to discuss the Project and any concerns.
- June 15, 2020 – Mr. Hayden (indicating that he was "BCC-ing our neighbors") wrote Mr. De Forest an email stating frustration with the City process, and stating that he would discuss the issue with community members and be back in touch with us soon. Mr. Hayden expressed his appreciation to Mr. De Forest for reaching out to the community. Mr. De Forest replied to Mr. Hayden thanking him for his leadership and stating that he was looking forward to hearing

back from Mr. Hayden and the neighbors. Mr. De Forest also expressed his sincere interest in working together to find common ground, and asked that Mr. Hayden relay those sentiments.

- June 15, 2020 – A person saying they are an Ave 34 resident named Jon Ruley wrote his neighbor Mr. Hayden an email copying Mr. De Forest of the Project Team stating that any loss of parking on Avenue 34 would destroy his business. We note that we told the neighbors repeatedly, including in the FAQs we prepared and circulated, that we would work with them on the parking issues. Mr. Hayden replied to the e-mail to notify Mr. De Forest that Mr. Ruley operates a sound studio near the Project site. Mr. De Forest replied to Mr. Hayden thanking him for the context and asking for Mr. Hayden's advice on how best to engage Mr. Ruley (offering to reach out to him separately, rather than waiting for a larger meeting to be scheduled). Mr. Hayden did not respond.
- June 19, 2020 – Mr. De Forest wrote to Ave 34 resident Mr. Hayden to check in as stated and to reiterate the Project Team's desire and willingness to help facilitate a phone/video meeting with the concerned neighbors. We received no response to this email.
- June 22, 2020 – Patricia Camacho, one of the Ave 34 residents, filed an appeal challenging all Project entitlements.
- June 25, 2020 – Members of the Project Team, including Mr. De Forest and Mr. Ratner were invited to attend the next BID meeting (scheduled for July 2, 2020), as new property owners (and were placed on the agenda as such). A series of side e-mails ensued, exchanging pleasantries, etc.
- June 30, 2020 – Mr. Hayden, one of the Ave 34 residents, wrote an email to Mr. De Forest of the Project Team indicating he looked forward to having a direct dialogue with the Project Team. He indicated a number of people in the community have concerns about the Project, and listed various names and attached some of their letters that were addressed to the City. He mentioned that the neighbors were still discussing the best time and format for a discussion with the Project Team.
- June 30, 2020 – Mr. De Forest replied to Mr. Hayden, once again providing the English and Spanish FAQs, informing him that the Project Team would be at the next Neighborhood Council meeting whenever it is held—and again offering to host a Zoom meeting with a phone call-in while the Neighborhood Council Land Use Committee Meetings are on hold (the Neighborhood Council Land Use Committee is also attempting to schedule its meetings via Zoom). No response to this email has been received.
- July 2, 2020 – Mr. De Forest attended the Lincoln Heights Industrial Zone BID meeting with Mr. Ratner. The two were appointed to serve on the board in the place of the seat vacated by Eric Ortiz, the former property owner who sold his property to the Project Team. Several community members were in attendance, including Joe Lepore, Peter Gertmenian, Hank Shaeffer, Seth Pollen, and Marco Limandri. At the conclusion of the meeting, Mr. De Forest and Mr. Ratner offered to: 1) Schedule virtual meetings with BID members interested in learning more about the Project; 2) Update them on the mitigation measures agreed to with MTA/DOT; and 3) Spearhead the process of exploring the feasibility and implementation of a preferential parking district as a means to address concerns related to the potential loss of availability of street parking for residents and businesses resulting from the Project.
- July 9, 2020 – Mr. Hayden left a voicemail for Mr. De Forest stating he had a few questions about the Project, and requested a return phone call.
- July 11, 2020 – Mr. De Forest returned Mr. Hayden's phone call. Mr. Hayden indicated that the neighbors were now interested in having a virtual Zoom meeting with the Project Team to discuss the Project. Mr. De Forest agreed to poll his team members and to respond to Mr. Hayden with

any scheduling conflicts. Mr. De Forest also again offered to provide Spanish-language translation services and accommodations for people who may have insufficient internet connectivity. Mr. Hayden also expressed a desire for the Project Team to consider either preserving some of the mature pine and olive trees on the property along Avenue 34. Mr. De Forest said that he would look into the feasibility of this and would also revisit the overall plan for greenery and tree planting along Avenue 34. Mr. De Forest also expressed a willingness to lead a community effort to explore the implementation of a preferential parking district, or similar mechanism, to minimize the loss of street parking for current residents and business owners on Avenue 34. Mr. Hayden indicated that the community would be in favor of such an initiative. Mr. Hayden also notified Mr. De Forest that the neighbors would likely want to discuss construction period logistics (dust mitigation, truck routes, etc.) during the proposed meeting. The two thanked each other and Mr. De Forest followed up with an e-mail to Mr. Hayden summarizing their conversation.

- July 14, 2020 – Mr. De Forest sent Mr. Hayden a follow-up e-mail with his team's availability for a virtual meeting. Mr. Hayden responded, informing Mr. De Forest that he would coordinate scheduling with the neighbors and respond once confirmed. He also sent photos of some of the trees that he had referenced in their phone call. Mr. De Forest replied thanking him and notifying Mr. Hayden that the Project Team was exploring the trees/greenery along Avenue 34. As of the date of this letter, the Project Team is still awaiting Mr. Hayden's response.

The Project Team has maintained a close working relationship with the City to make sure community issues have been addressed, and relied on members of the Neighborhood Council Land Use Committee for feedback on community safety concerns which have been addressed in voluntary off-site safety conditions accepted by the Project Team.

In addition to what is identified on the list, as mentioned, the Project Team has had several meetings and calls with the City Council District 1 office, and with Mr. Richard Larsen, Chair of the Lincoln Heights Neighborhood Council Land Use Committee, the BID and other landowners and community members. The guidance and feedback from these stakeholders has been essential to our outreach efforts, and in assisting us with understanding the concerns of the community. We also want to be clear that the Project Team remains willing to work with the community, including the appellants, to address their concerns. We have made a standing offer for them to reach out to us, and we will continue to try to reach out to them and engage them.

Sincerely yours,

Andrew Brady

cc. Debby Kim (debby.kim@lacity.org)
Gerald Gubatan (gerald.gubatan@lacity.org)
Jose Rodriguez (jose.a.rodriguez@lacity.org)
Jerry Neuman

Connect Create Collaborate

Michelle Carter <michelle.carter@lacity.org>

141 W Avenue 34 Proposed Project

Michael Henry Hayden <michaelhenryhayden@gmail.com> Wed, Jun 24, 2020 at 8:29 AM
To: nick.hendricks@lacity.org, Patty Camacho <machocamacho73@yahoo.com>, Michael Henry Hayden <michaelhenryhayden@gmail.com>, Michelle Carter <michelle.carter@lacity.org>, oliver.netburn@lacity.org

Dear Nicholas Hendricks,

I am a resident on W Avenue 34, in Lincoln Heights. I recently received a "Director's Determination" for DIR-2019-6048-TOC-SPR-WDI. Your name was listed as the Director, but the document was not signed by you. Can you please clarify why this would be the case? Everything regarding this project has been highly irregular, and this final flair of irregularity is just the icing on the cake.

We have submitted a Letter of Appeal for DIR-2019-6048-TOC-SPR-WDI on behalf of our neighborhood, whose names are appended to the end of this email. We want to know, who will be reviewing the appeal? All of our community's letters addressed to Michelle Carter have been ignored, or answered with copy-and-paste responses that ignore the substance of our concerns. We request that somebody else review the Appeal, and to take seriously our very real health and safety concerns regarding this, the largest construction project in the history of Lincoln Heights.

We want to emphasize that we are not opposed to new housing in our neighborhood. We especially appreciate the addition of affordable units. However, we are deeply troubled by City Planning's continued dismissal of our concerns for our health and safety associated with this project. The developers of this project are motivated to maximize their profits, and it is not your job as a public servant to only facilitate all the proponent's requests, but also to protect the people of this city from the proponent's overreach.

City Planning has avoided our calls for public review, neglected to inform other relevant city agencies about crucial design problems, misled us about their inaction to inform those agencies, superseded Neighborhood and City Councils, and selectively attached outdated Environmental Reviews prepared long in the past that approve completely different uses of this site.

Our community also wants clarification when you say that it was the "Director's determination" to avoid a hearing. Who is the Director? Was it your own determination personally to avoid the public hearing we repeatedly asked for? Or has one of your superiors instructed you to evade and ignore public concerns regarding this project? I'm sure it's not a coincidence that the approval was made in the afternoon after the morning we sent our last and most direct of multiple community calls for a public hearing. This decision ignores the health and safety of children, families, and small businesses on our block. Their lives will be drastically impacted by three years of construction on a polluted site, with an outdated and non-applicable environmental review, to construct a poorly planned and bloated development on a small block with an egress onto a one way street at a railroad crossing, all across the street from an elementary school.

Every email from you has evaded the substance of our questions: What are the pollutants that make the adjoining property on this block so dangerous that it has gone unoccupied for decades? How can our families and the elementary school across the street be protected from the pollutants that will be unearthed by the excavation? Where will the current residents, business owners, and their clients park their cars? Where will the potentially 1,000 new residents and possibly many more commercial clients park their cars, with only 311 parking spaces offered by the developer? How can the city approve so much new traffic on small and admittedly underbuilt streets? Citing a sequence of city planning policies and procedures is NOT an answer to our concerns.

If any city planner takes their job seriously, they will make a trip to this part of the city, and see this block with their own eyes, and talk to the people who live here and who know how this block functions. This project may tick all the appropriate boxes on a list of ideals on paper, but the current design is far from feasible, especially for this site specifically. This new building's residents would be ill-served by this design at this location. This project assumes that more than half the building's tenants won't have cars. That is unrealistic in Los Angeles, and especially in this neighborhood. The only thing close to basic services within walking distance of this development are a corner liquor store and an illegal marijuana dispensary. If one of the commercial spaces in this new building were to be a grocery store, there would be no parking for its customers. Any city planner who could claim responsibility for this project is inviting disaster.

This will be the largest residential development in the history of Lincoln Heights, one of the oldest neighborhoods in Los Angeles. Adding 1,000 people to a single block with minimal infrastructure will have a generational impact that can hardly be comprehended. It's unthinkable that a project this massive would not be brought to the community for review. It's outrageous that the Neighborhood Council was railroaded and completely ignored. We went to the last in-person meeting hoping to voice our concerns, and the developers did not even demonstrate the good faith to show up.

Our concerns have so far been ignored, and so we will be forwarding copies of our Letter of Appeal to as many people as possible who can comprehend the gravity of this project, its many shortcomings, and the city's negligence thus far in its treatment of our community's health and safety.

I'm attaching a list of people who live or work on the block adjoining this property, and are giving their support to this appeal.

Sincerely,
Michael Hayden

Aggrieved Residents and Businesses who live or work on the block adjacent to the property and support this Appeal:

- Patricia Camacho, 118 W Avenue 34, Los Angeles, CA 90031
- Joshua Camacho-Snyder, 118 W Avenue 34, Los Angeles, CA 90031
- David Camacho-Snyder, 118 W Avenue 34, Los Angeles, CA 90031
- Violeta Martinez, 116 W Avenue 34, Los Angeles, CA 90031
- Candido Martinez, 116 W Avenue 34, Los Angeles, CA 90031
- Brandy Martinez, 116 W Avenue 34, Los Angeles, CA 90031
- Alustretch LA, 120 W Avenue 23, Los Angeles, CA 90031
- Michael Hayden, 134 W Avenue 34, Los Angeles, CA 90031
- Anthony Lepore, 134 W Avenue 34, Los Angeles, CA 90031
- Phil Wagner, 136 W Avenue 34, Los Angeles, CA 90031
- Erin Trefry, 136 W Avenue 34, Los Angeles, CA 90031
- David Barrios, 140 W Avenue 34, Los Angeles, CA 90031
- Pae White, 164 W Avenue 34, Los Angeles, CA 90031
- Tom Marble, 164 W Avenue 34, Los Angeles, CA 90031
- Joseph Lepore, Leval of California, 3305 Pasadena Ave, Los Angeles, CA 90031
- Marienela Felix, Setroc Apparel, 3305 Pasadena Ave, Los Angeles, CA 90031
- Raquel Felix, Setroc Apparel, 3305 Pasadena Ave, Los Angeles, CA 90031
- Adrian Bernal, Rough Trade Gear, 3305 Pasadena Ave, Los Angeles, CA 90031
- Jessica Pimintel, Rough Trade Gear, 3305 Pasadena Ave, Los Angeles, CA 90031
- Mario Silva, Califa Coast, 3305 Pasadena Ave, Los Angeles, CA 90031
- Amanda Ross Ho, 3307 Pasadena Ave, Los Angeles, CA 90031
- Erik Frydenborg, 3307 Pasadena Ave, Los Angeles, CA 90031
- Frank Rodriguez, 315 W Avenue 33, Los Angeles, CA 90031
- Mario Abrego, 118 W Avenue 33, Los Angeles, CA 90031
- Alba Marroquin, 118 W Avenue 33, Los Angeles, CA 90031
- Mauricio Rolon, 220 W Avenue 33, Los Angeles, CA 90031
- Jessica Cardoza, 114 W Avenue 33, Los Angeles, CA 90031
- Moskowitz Bayse, 119 W Avenue 33, Unit A, Los Angeles, CA 90031
- Meredith Bayse, 119 W Avenue 33, Unit A, Los Angeles, CA 90031
- Christopher Richmond, 119 W Avenue 33, Unit B, Los Angeles, CA 90031
- Bailey Hikawa, 119 W Avenue 33, Unit B, Los Angeles, CA 90031
- Scott Wagner, 119 W Avenue 33, Unit B, Los Angeles, CA 90031

- Adam Moskowitz, 119 W Avenue 33, Unit B, Los Angeles, CA 90031
- Haunted Wagon, 119 W Avenue 33, Unit C, Los Angeles, CA 90031
- Online Ceramics, 119 W Avenue 33, Unit C, Los Angeles, CA 90031
- Alix Ross, 119 W Avenue 33, Unit C, Los Angeles, CA 90031
- Elijah Funk, 119 W Avenue 33, Unit C, Los Angeles, CA 90031
- Jack Ramunni, 119 W Avenue 33, Unit C, Los Angeles, CA 90031
- Avram Khan, 119 W Avenue 33, Unit C, Los Angeles, CA 90031
- Coco Baldanado, 119 W Avenue 33, Unit C, Los Angeles, CA 90031
- Josh Culberson, 119 W Avenue 33, Unit C, Los Angeles, CA 90031
- Kevin Acevedo, 3244 Humboldt St, Los Angeles, CA 90031
- Alberto Garcia, Carnes Asadas Pancho Lopez, 3328 Pasadena Ave, Los Angeles, CA 90031
- John Ruley, Big Bad Sound, 211 W Avenue 33, Los Angeles, CA 90031
- Zachary Fisher, Big Bad Sound, 211 W Avenue 33, Los Angeles, CA 90031
- Dorothy Dubrule, Pieter Performance Space, 420 W Avenue 33, Los Angeles, CA 90031

---

2 attachments

Appeal letter.pdf
64K

DIR-2019-6048-TOC-WDI_Signed LOD.pdf
8412K

Connect Create Collaborate

Michelle Carter <michelle.carter@lacity.org>

141 W Avenue 34 Proposed Project

Michael Henry Hayden <michaelhenryhayden@gmail.com> Tue, Jun 23, 2020 at 2:06 PM
To: Michelle Carter <michelle.carter@lacity.org>, Phillip Bazan <phillip.bazan@lacity.org>, jose.a.rodriguez@lacity.org, nicole.sanchez@lacity.org, gilbert.cedillo@lacity.org, wes.pringle@lacity.org, brenda.kahinju@lacity.org, gerald.gubatan@lacity.org, oliver.netburn@lacity.org
Cc: Michael Henry Hayden <michaelhenryhayden@gmail.com>, Anthony Lepore <lepore123@gmail.com>, Patty Camacho <machocamacho73@yahoo.com>

Dear Michelle Carter and Department of City Planning,

We have submitted a Letter of Appeal for DIR-2019-6048-TOC-SPR-WDI on behalf of our neighborhood, whose names are appended to the end of this email. We want to know, who will be reviewing the appeal? All of our community's letters addressed to you have been ignored, or answered with copy-and-paste responses that ignore the substance of our concerns. We request that somebody else review the Appeal, and to take seriously our very real health and safety concerns regarding this, the largest construction project in the history of Lincoln Heights.

We want to emphasize that we are not opposed to new housing in our neighborhood. We especially appreciate the addition of affordable units. However, we are deeply troubled by City Planning's continued dismissal of our concerns for our health and safety associated with this project. The developers of this project are motivated to maximize their profits, and it is not your job as a public servant to only facilitate all the proponent's requests, but also to protect the people of this city from the proponent's overreach.

City Planning has avoided our calls for public review, neglected to inform other relevant city agencies about crucial design problems, misled us about their inaction to inform those agencies, superseded Neighborhood and City Councils, and selectively attached outdated Environmental Reviews prepared long in the past that approve completely different uses of this site.

Our community also wants clarification when you say that it was the "Director's determination" to avoid a hearing. Who is the Director? Was it your own determination personally to avoid the public hearing we repeatedly asked for? Or has one of your superiors instructed you to evade and ignore public concerns regarding this project? I'm sure it's not a coincidence that the approval was made in the afternoon after the morning I sent my last of multiple community calls for a public hearing. This decision ignores the health and safety of children, families, and small businesses on our block. Their lives will be drastically impacted by three years of construction on a polluted site, with an outdated and non-applicable environmental review, to construct a poorly planned and bloated development on a small block with an egress onto a one way street at a railroad crossing, all across the street from an elementary school.

Every email from you has evaded the substance of our questions: What are the pollutants that make the adjoining property on this block so dangerous that it has gone unoccupied for decades? How can our families and the elementary school across the street be protected from the pollutants that will be unearthed by the excavation? Where will the current residents, business owners, and their clients park their cars? Where will the potentially 1,000 new residents and possibly many more commercial clients park their cars, with only 311 parking spaces offered by the developer? How can the city approve so much new traffic on small and admittedly underbuilt streets? Citing a sequence of city planning policies and procedures is NOT an answer to our concerns.

If any city planner takes their job seriously, they will make a trip to this part of the city, and see this block with their own eyes, and talk to the people who live here and who know how this block functions. This project may tick all the appropriate boxes on a list of ideals on paper, but the current design is far from feasible, especially for this site specifically. This new building's residents would be ill-served by this design at this location. This project assumes that more than half the building's tenants won't have cars. That is unrealistic in Los Angeles, and especially in this neighborhood. The only thing close to basic services within walking distance of this development are a corner liquor store and an illegal marijuana dispensary. If one of the commercial spaces in this new building were to be a grocery store, there would be no parking for its customers. Any city planner who could claim responsibility for this project is inviting disaster.

This will be the largest residential development in the history of Lincoln Heights, one of the oldest neighborhoods in Los Angeles. Adding 1,000 people to a single block with minimal infrastructure will have a generational impact that can hardly be comprehended. It's unthinkable that a project this massive would not be brought to the community for review. It's outrageous that the Neighborhood Council was railroaded and completely ignored. We went to the last in-person meeting hoping to voice our concerns, and the developers did not even demonstrate the good faith to show up.

Our concerns have so far been ignored, and so we will be forwarding copies of our Letter of Appeal to as many people as possible who can comprehend the gravity of this project, its many shortcomings, and the city's negligence thus far in its treatment of our community's health and safety.

I'm attaching a list of people who live or work on the block adjoining this property, and are giving their support to this appeal.

Sincerely,
Michael Hayden

Aggrieved Residents and Businesses who live or work on the block adjacent to the property and support this Appeal:

- Patricia Camacho, 118 W Avenue 34, Los Angeles, CA 90031
- Joshua Camacho-Snyder, 118 W Avenue 34, Los Angeles, CA 90031
- David Camacho-Snyder, 118 W Avenue 34, Los Angeles, CA 90031
- Violeta Martinez, 116 W Avenue 34, Los Angeles, CA 90031
- Candido Martinez, 116 W Avenue 34, Los Angeles, CA 90031
- Brandy Martinez, 116 W Avenue 34, Los Angeles, CA 90031
- Alustretch LA, 120 W Avenue 23, Los Angeles, CA 90031
- Michael Hayden, 134 W Avenue 34, Los Angeles, CA 90031
- Anthony Lepore, 134 W Avenue 34, Los Angeles, CA 90031
- Phil Wagner, 136 W Avenue 34, Los Angeles, CA 90031
- Erin Trefry, 136 W Avenue 34, Los Angeles, CA 90031
- David Barrios, 140 W Avenue 34, Los Angeles, CA 90031
- Pae White, 164 W Avenue 34, Los Angeles, CA 90031
- Tom Marble, 164 W Avenue 34, Los Angeles, CA 90031
- Joseph Lepore, Leval of California, 3305 Pasadena Ave, Los Angeles, CA 90031
- Marienela Felix, Setroc Apparel, 3305 Pasadena Ave, Los Angeles, CA 90031
- Raquel Felix, Setroc Apparel, 3305 Pasadena Ave, Los Angeles, CA 90031
- Adrian Bernal, Rough Trade Gear, 3305 Pasadena Ave, Los Angeles, CA 90031
- Jessica Pimintel, Rough Trade Gear, 3305 Pasadena Ave, Los Angeles, CA 90031
- Mario Silva, Califa Coast, 3305 Pasadena Ave, Los Angeles, CA 90031
- Amanda Ross Ho, 3307 Pasadena Ave, Los Angeles, CA 90031
- Erik Frydenborg, 3307 Pasadena Ave, Los Angeles, CA 90031
- Frank Rodriguez, 315 W Avenue 33, Los Angeles, CA 90031
- Mario Abrego, 118 W Avenue 33, Los Angeles, CA 90031
- Alba Marroquin, 118 W Avenue 33, Los Angeles, CA 90031
- Mauricio Rolon, 220 W Avenue 33, Los Angeles, CA 90031
- Jessica Cardoza, 114 W Avenue 33, Los Angeles, CA 90031
- Moskowitz Bayse, 119 W Avenue 33, Unit A, Los Angeles, CA 90031
- Meredith Bayse, 119 W Avenue 33, Unit A, Los Angeles, CA 90031
- Christopher Richmond, 119 W Avenue 33, Unit B, Los Angeles, CA 90031
- Bailey Hikawa, 119 W Avenue 33, Unit B, Los Angeles, CA 90031
- Scott Wagner, 119 W Avenue 33, Unit B, Los Angeles, CA 90031
- Adam Moskowitz, 119 W Avenue 33, Unit B, Los Angeles, CA 90031

- Haunted Wagon, 119 W Avenue 33, Unit C, Los Angeles, CA 90031
- Online Ceramics, 119 W Avenue 33, Unit C, Los Angeles, CA 90031
- Alix Ross, 119 W Avenue 33, Unit C, Los Angeles, CA 90031
- Elijah Funk, 119 W Avenue 33, Unit C, Los Angeles, CA 90031
- Jack Ramunni, 119 W Avenue 33, Unit C, Los Angeles, CA 90031
- Avram Khan, 119 W Avenue 33, Unit C, Los Angeles, CA 90031
- Coco Baldanado, 119 W Avenue 33, Unit C, Los Angeles, CA 90031
- Josh Culberson, 119 W Avenue 33, Unit C, Los Angeles, CA 90031
- Kevin Acevedo, 3244 Humboldt St, Los Angeles, CA 90031
- Alberto Garcia, Carnes Asadas Pancho Lopez, 3328 Pasadena Ave, Los Angeles, CA 90031
- John Ruley, Big Bad Sound, 211 W Avenue 33, Los Angeles, CA 90031
- Zachary Fisher, Big Bad Sound, 211 W Avenue 33, Los Angeles, CA 90031
- Dorothy Dubrule, Pieter Performance Space, 420 W Avenue 33, Los Angeles, CA 90031

On Sun, Jun 21, 2020 at 8:51 PM Michelle Carter <michelle.carter@lacity.org> wrote:

> Hello Michael,
>
> I apologize if it came across as though your concerns were being dismissed. That is not the case, as it is important for the community to be involved in this process.
>
> There are legal limitations as to what can be imposed on a project to ensure that a housing development project does not become infeasible or decrease the proposed affordable units. In my response to your email that you sent on April 28, I stated that a public hearing was not required for this type of case per the LAMC. The document that you attached to your follow up email was the previously approved determination letter. That case was under the purview of a different decision maker – the Zoning Administrator (ZA). ZA cases require a public hearing unless the Chief Zoning Administrator waives the hearing by determining that the application (1) will not have a significant effect on adjoining properties or on the immediate neighborhood; or (2) is not likely to evoke public controversy. That is not the case for a Director's determination (DIR) case.
>
> All communications received from the community were reviewed and considered. Conditions of approval that are related to (1) the requested entitlement and (2) within the Department's legal purview were included in the determination. Additionally, all conditions that you highlighted from the previously approved entitlement was included in the determination that was issued for the DIR case along with additional pedestrian safety conditions.
>
> Your request on June 12th for a public hearing was received after the determination was finalized. Additionally, all communications received from you will be included in the case file.
>
> Please feel free to contact me if you have any additional questions or comments.
>
> Regards,
>
> Michelle

LOS ANGELES CITY PLANNING

Michelle Carter
City Planning Associate
Los Angeles City Planning
200 N. Spring St., Room 763
Los Angeles, CA 90012
Planning4LA.org
T: (213) 978-1262
E-NEWS

Regular Day Off: *Every other Friday*

On Wed, Jun 17, 2020 at 8:37 AM Michael Henry Hayden <michaelhenryhayden@gmail.com> wrote:

> Hello Michelle,

I just received a package in the mail from your office containing the approval of the project on W Avenue 34 (DIR-2019-6048-TOC-WDI). I am really surprised that I still haven't heard a reply from you to my last email requesting a hearing, sent before this project was approved. I would like to know, by what reasoning have you justified ignoring the community's calls for a public hearing on this project, and also ignored this project's own stated criteria for avoiding a public hearing? Those criteria are that there be no controversy about the project (and there clearly is), and that the project does not have a significant effect on the immediate neighborhood. This would be the largest development project in the history of Lincoln Heights, and it would clearly have a huge impact on residents and local businesses, as evidenced by the multitude of letters you have received from residents and business owners for the past several months. This must be recognized. Everyone in this community is frustrated by your office's dismissal of our shared concerns for our health and safety. Also, please confirm that all of my correspondences with you, including my emailed request for a public hearing sent at 10 am on Friday June 12, this email, and my eagerly anticipated response from you, are included as part of the public documents regarding this proposed project.
Sincerely
Michael Hayden

On Fri, Jun 12, 2020 at 10:11 AM Michael Henry Hayden <michaelhenryhayden@gmail.com> wrote:

> Dear Michelle Carter,
>
> There continues to be growing controversy in our neighborhood of Lincoln Heights regarding the proposed project at 141 W Avenue 34 (DIR-2019-6048-TOC-SPR-WDI). Our concerns center on the safety problems raised by the plan's traffic flow, the negative effect on street parking caused by the project's lack of adequate parking for its tenants, and the environmental hazards of the underground soil and water pollution this construction will release, endangering residents and schoolchildren nearby. We are also concerned by the murky reuse of a MND prepared for another project years earlier that doesn't address the specific proposals of this new project. (ENV-2016-273-MND-REC1)
>
> We are calling for a public hearing on this project, as required of any project that causes controversy in the neighborhood it impacts. I'm attaching the Zoning Administrators Adjustment, which waives a hearing for this project, unless it will "have a significant effect on adjoining properties or the immediate neighborhood" or is "likely to evoke public controversy" (page 15, attached below). As I'm sure you must agree from the outcry from the immediate neighborhood, the conditions for avoiding a public hearing have not been met.
>
> Thank you for your attention to this matter, and I look forward to your response
>
> Sincerely,
> Michael Hayden
>
> On Thu, Apr 30, 2020 at 10:26 AM Michelle Carter <michelle.carter@lacity.org> wrote:
>
> > Hello Michael,
> > I am doing well. I hope you are as well.
> >
> > - A public hearing is not required for this project.
> > - The environmental case associated with this project is a reconsideration of the previously adopted MND that analyzed a mixed-use project. The proposed project is also a mixed-use project.
> > - I am unaware of any infrastructure improvements that are planned for this area by the City as that is not planning related.
> > - The proposed ingress/egress was analyzed by LADOT. There was no recommendation of using other thoroughfares.
> > - 0.5 parking space per unit is required for residential parking and 24 parking spaces for the commercial use which is a total of 258. The project would provide 311 parking spaces. There are 3 commercial spaces proposed for this project.
> > - The document you referenced is a draft mitigation monitoring plan which provides measures to mitigate any environmental impacts. Additionally, there are also regalory compliance measures that projects would have to comply with.
> > - There are regulatory compliance measures that projects adhere to in regards to dust and noise impacts during construction. That is monitored by LADBS
> > - The project is required to provide 219 trees, 219 trees are proposed. Urban forestry Division oversees tree removal and replacements.
> >
> > Please let me know if you have any additional questions.

Best,
Michelle

Michelle Carter
City Planning Associate
Los Angeles City Planning
200 N. Spring St., Room 763
Los Angeles, CA 90012
Planning4LA.org
T: (213) 978-1262
E-NEWS
Regular Day Off: *Every other Friday*

On Tue, Apr 28, 2020 at 12:45 PM Michael Henry Hayden <michaelhenryhayden@gmail.com> wrote:

> Hi Michelle,
>
> Thanks for getting back to me. I hope you're doing well and staying safe. I do have some questions, and it seems you're the person in charge of determining an approval for this project, so perhaps you have some answers.
>
> Many of us in the community had been attending Neighborhood Council meetings hoping to learn more about this project and to raise our concerns. At the last scheduled meeting, the developer didn't even show up, and we were told the Council would have to schedule another meeting with the developer, as there were many unresolved concerns. Now under the state's stay-at-home orders, we haven't been able to assemble. I now hear that this project has nevertheless been slated for "expedited processing" without a public hearing. Some of my neighbors are concerned that their voices aren't being heard, and that this moment of public health emergency is allowing the developers to bypass engagement with the community regarding their valid health and safety concerns.
>
> Some questions I have are:
>
> - Will there be a public hearing regarding this project?
> - I understand that the environmental review that is being used for this project is ENV-2016-273-MND-REC1. Was that created for a different proposal in 2016? Will a new environmental review be conducted to take into account the very different use of the space as outlined in this new proposal?
> - Does the city plan to change any of the surrounding infrastructure (street lights, stop lights, crosswalks, sidewalks, etc.) in conjunction with this development?
> - Has the city considered approving an entrance/exit on Pasadena Ave? That is a much wider street than W Avenue 34, and it seems that it could reduce many of the problems that many of my neighbors have identified.
> - As others have pointed out, there will likely be many hundreds more cars using this site than there will be available parking spots, with a deficit in numbers far exceeding the available street parking. What measures does the city plan to accommodate this deficit? Is the city planning new public parking areas in conjunction with this construction? Will residents be given street-parking passes so that they don't have to compete with the patrons of the new commercial businesses at this site for the very limited parking on their own street? The developer indicated that only 25 spaces in their parking lot would be earmarked for 12 commercial business, with the remaining 286 spaces intended to accommodate 468 residences.
> - What safeguards are being planned to prevent ground contamination from escaping during underground excavation? The adjoining lot, previously owned by Welch dry cleaning and AmeriPride Inc., (APN 5205-004-010) is affected by continued soil and groundwater pollution with petroleum and volatile organic compounds. It's reasonable to assume these pollutants in the soil and groundwater will be unearthed by this construction. It should also be noted that these properties directly border the Arroyo Seco river, making the release of pollutants especially worrisome. My understanding is that this polluted site is also set to be a staging area for the construction. There are children who live on our block and a middle school directly across the street from this site. The developers gave no solid answer to our questions regarding the groundwater pollution at the neighborhood council meeting. I

found an LA City Planning document online which ranks potentially polluted sites in my neighborhood. It ranks the empty lot next door as a 1, indicating continued known pollution. It ranks the proposed site for this building project as a 2, indicating possible ongoing pollution, and requiring further review. https://planning.lacity.org/EIR/CornfieldArroyo/texts/CASP_AppendixFinal_Oct.pdf The relevant information is on page 7 of section A-2. Has this review been conducted, and if so, what are the findings?

- What consideration does this proposal make for minimizing dust and noise pollution from the construction, especially as they may impact the school and residents?
- What are the plans for the trees currently on this site? There are many well-established pines and olives that face W. Ave 34 on the edge of this property. They don't interfere with the developer's footprint for the buildings. These provide the main greenery on our block, and act as a barrier mitigating air pollution from the 110 Highway, which is directly across from this lot, much more than newly-planted saplings could provide.

If I think of other questions, I'll let you know. Thank you so much for your time and energy in helping us with this case.

All my best,
Michael Hayden

On Thu, Apr 23, 2020 at 6:14 PM Michelle Carter <michelle.carter@lacity.org> wrote:

> Hello Michael,
>
> Thank you for submitting your comments. It will be added to the case file.
>
> If you have any questions, please let me know.
>
> Best regards,
> Michelle

LOS ANGELES CITY PLANNING

Michelle Carter
City Planning Associate
Los Angeles City Planning
200 N. Spring St., Room 763
Los Angeles, CA 90012
Planning4LA.org
T: (213) 978-1262
E-NEWS

Regular Day Off: *Every other Friday*

> On Thu, Apr 23, 2020 at 9:19 AM Michael Henry Hayden <michaelhenryhayden@gmail.com> wrote:
>
> > Hello Michelle,
> >
> > I'm writing to express my concern at a proposed project in my neighborhood. I recently went to a meeting of the Lincoln Heights neighborhood council, where a developer presented a proposal for a massive new development on W Avenue 34.
> >
> > I understand that this project is supposed to have 486 residential units, but only 311 parking spots, and many of those spots would be reserved for additional commercial units in the building. This is a short block, bordered on one side by Pasadena Avenue, where parking is restricted, on another side by the metro tracks, and on another by a vacant lot. That means that if this project were to include the number of units they are proposing, our street and all the surrounding streets would be overwhelmed by the tenants of these new buildings. It's conceivable that as many as 700 cars would be entering and exiting this building every day.
> >
> > There is only one point of access to this entire project, and it is on my street. W Avenue 34 is a narrow street, with a one-way only outlet on Artesian St, which is an unusually narrow street, with a blind

corner, and no sidewalks, right next to a railroad crossing. This seems to be inviting an uncomfortable level of danger to this block. I'm attaching a photo of this street below.

There are other concerns we have as well. The lot directly next to this proposed project has been vacant for years due to dangerous ground contamination. This developer plans to dig a multistory underground parking lot right next to this site. I asked about the environmental risks and impact at the meeting, but the developer couldn't articulate anything regarding this, which leaves me very disturbed, as I live directly across the street from this proposed construction.

Will there be further opportunities for the community to voice their concerns about this project before it is approved? It seems to need a lot of reconsideration before it can proceed in a way that won't invite environmental harm, increase traffic dangers, and contribute to congestion on the streets.

Thank you for listening to my concerns.
Sincerely,
Michael Hayden

2 attachments

Appeal letter.pdf
64K

DIR-2019-6048-TOC-WDI_Signed LOD.pdf
8412K

Connect Create Collaborate

Michelle Carter <michelle.carter@lacity.org>

141 W Avenue 34

1 message

Jose Lovo <jlovo@laleadership.org> Wed, Jun 10, 2020 at 5:33 PM
To: Gilbert.cedillo@lacity.org, Michelle.carter@lacity.org, Jose.a.rodriguez@lacity.org, Wes.pringle@lacity.org

Hello,

As a member of the community and assistant principal of the neighborhood school, I am concerned with the construction project that is being proposed. There are many factors that will impact our neighborhood.

Thank you

--

Jose A. Lovo
Assistant Principal
Middle School
P: 213-382-8484 ext: M: 213-605-4895
A: 2670 Griffin Ave, Los Angeles CA, 90031
W: https://www.laleadership.org/ E: Jlovo@laleadership.org

---To live each day with curiosity and exploration so that life will provide me with opportunities to gain new knowledge and perspectives that will help guide me in a direction of growth and development. I will do this by continuing to express creativity and higher-order thinking as I am committed to being a lifelong learner. ---

Michelle Carter <michelle.carter@lacity.org>

Fwd: 141 W Avenue 34 Proposed Project

Pae White <pae@paewhite.com> Sun, May 31, 2020 at 4:17 PM
To: Jose Rodriguez <jose.a.rodriguez@lacity.org>
Cc: Anthony Lepore <lepore123@gmail.com>, Patty Camacho <machocamacho73@yahoo.com>, Amanda Ross-Ho <amanda@amandarossho.com>, Erik Frydenborg <efrydenborg@gmail.com>, Michael Henry Hayden <michaelhenryhayden@gmail.com>, Adam Moskowitz <a@moskowitzbayse.com>, meredith Bayse <m@moskowitzbayse.com>, erin trefry <eetrefry@hotmail.com>, philwagner@gmail.com, Jack Ruley <jack@bigbadsoundla.com>, Violeta Martinez <vmartinez4599@gmail.com>, michelle.carter@lacity.org, wes.pringle@lacity.org, nicole.sanchez@lacity.org, phillip.bazan@lacity.org, Gilbert.Cedillo@lacity.org, rwlarsen.lhnc@gmail.com, Tom Marble <tom@tommarble.com>

Dear José, Michelle, et al:

I am a stakeholder in the Avenue 34/Pasadena Ave/Artesian St. community as well as a 17+ year resident and property owner in the 90031 zip code. I was recently made aware of the massive development proposed across the street from where I recently established my business and signed a long-term lease.

My multiple concerns include the following:

- The amount of parking is out of alignment with the number of residential units in the complex.

- The amount of parking is out of alignment with number of office and retail units in the complex.

- I understand the diminished parking ratios because of the adjacency to transit - but given our current global situation, does it make sense to design a parking-deficient project if public transportation ceases to be a viable option in the future?

- Avenue 34 is a one-block long virtual cul-de-sac, which transitions onto Artesian, a very narrow one-way street close to my building. As is, this an extremely dangerous condition, with cars from Avenue 33 frequently entering Artesian in the wrong direction to sneak onto Avenue 34; what will happen when the traffic is multiplied a hundred-fold because all access to and from this project occurs off of Avenue 34?

- I am deeply, deeply concerned about the vacant lot where the proposed and pitifully inadequate underground parking is to occur. It is well known in the community that these lots are an environmental wasteland. I have seen nothing in the project documents that would suggest there is an update to the previous Environmental Impact

Report, nor any mention of CEQA. Have those requirements been waived without proper scrutiny, or even a survey of the occupants of the surrounding properties? I know I would not want to expose myself, nor the multiple people in my workplace, to any potentially harmful chemicals or airborne toxic particulates triggered by the excavation of this land that such studies would uncover.

I hope that, should the project make it to construction, the people of Avenue 34 will not be inundated with noise, potentially toxic dust, and construction-related road closures that would interfere with our ability to do business. I further hope that elected officials will listen and work closely with city staff in the planning and building departments to implement and enforce the legitimate concerns voiced by us, the community stakeholders, and not default to tired lip service masking an inappropriate and suspicious alliance with the developers.

I look forward to attending the next (zoom) community meeting and being able to voice these concerns in person, publicly, and on the record.

Please include my email in any community correspondence related to this proposed development.

Thank you

Pae White

> On May 5, 2020, at 10:57 AM, Jose Rodriguez <jose.a.rodriguez@lacity.org> wrote:
>
> Hi Anthony,
>
> I hope you are well.
>
> Pls tell Joe I send my best.
>
> Thanks for sharing your thoughts and things for us to consider about this proposed development.
>
> Early on we told the developer to engage the community especially the neighbors immediately surrounding the development site.
>
> I will include your comments in a file I created specifically on feedback from the community about this proposed development.

The Planning Department has not notified us of any updates on this project including if and when a public hearing will be scheduled in the near future.

Lets keep in touch as we move forward through this crisis and process.

Thanks,
Jose Rodriguez, Deputy District Director
Office of Los Angeles City Councilmember Gilbert Cedillo
Council District 1
District Office
5577 N. Figueroa St.
Los Angeles, CA 90042
(323) 550-1538 Office

Sign up for our newsletter here:
http://www.gilcedillo.com/newsletter_sign_up

On Mon, May 4, 2020 at 8:38 AM Anthony Lepore <lepore123@gmail.com> wrote:

> Hello Jose,
>
> I'm writing you with my serious concerns regarding Pinyon's proposed project on W Avenue 34 in Lincoln Heights. Both my family and myself are deeply embedded in the Lincoln Heights community, and specifically the block directly next to this proposed project. My grandfather worked at sewing factories in Lincoln Heights in the 1960's, and then opened his own swimwear factory at Pasadena Ave and W Avenue 33 in the '70's. My father took over the family business in the '90's, and now I operate a business on Ave. 34 directly across the street from the proposed project. My family's history with the neighborhood gives me specific insight into how this proposed project would affect our community.
>
> I fully support adding affordable housing units in our neighborhood, and know that there is a real need for more housing in Los Angeles. However, we need the help of our city to ensure that developers respect the health and safety of our community.
>
> I have two main concerns about this project. The first one has two elements, that when combined will create a dangerous situation on Ave 34, 33, and Artesian. The project proposes 311 parking spaces for shared by nearly 500 residential units and 16,000 sq. ft. of retail. We have been attending Neighborhood Council meetings and trying to communicate with Pinyon. The one time that they showed up to a meeting, our first question was for them to explain the shortfall in parking, and how they thought the neighborhood could support it. Their quick answer was that this project is close to the Metro, and they expect the majority of their tenants in these luxury apartments would not have cars. We've heard that the building's one-bedroom apartments will go for $3200/month. It is unlikely that people who can afford this kind of rent will not also own cars in Los Angeles, with couples probably owning 2 cars. At a minimum, this will flood our already crowded streets with hundreds of cars looking for parking spaces. They are alotting 25 parking spaces for the commercial businesses, leaving 286 spots for residents.
>
> On W Avenue 34 alone, there are three businesses and four residences that already do not have full driveways or adequate parking, and rely on street parking both for themselves and their clients. These businesses and families would be drastically affected by the parking spaces that this project would take from the community. Pinyon proposed at the Council meeting that they might work to get parking passes for the neighborhood. This does not address the overcrowding on the streets, or that clients of these neiborhood businesses will also need to park on the street.
>
> The second part, and perhaps more dangerous aspect of this project is the proposed main entrance/exit. Pinyon has designed the only access to the parking lot on W Avenue 34 at Artesian St. If you live on W Avenue 34, the quickest way to get to the I-5, the 110 Freeway, the 2, San Fernando St, or local businesses like Home Depot, is to take Artesian St, and this is the street onto which this building's parking lot empties out. Artesian is a one-lane, one-way 14 foot wide street with no sidewalks or space to add pedestrian access. There is insufficient lighting, there is a blind corner, and there is a railroad crossing at the end of it. There are also several established fixtures in the community that bottleneck

traffic on this route. The film production on Lacy St often shuts down street traffic, the large warehouse on Artesian at W Avenue 33 has large trucks constantly coming in and out during the day, and the taco stands on Artesian draw nightly crowds of parked cars and hundreds of pedestrians. All of these things make a major egress for hundreds of additional cars highly problematic and dangerous for pedestrians. The developers might suggest that tenants can make a left on Pasadena Avenue and drive across the 110 north to Figueroa, and then make a left and drive back down to Avenue 26 to access these points, but we all know that people will want to take the most direct route, especially if their parking lot exits in that direction. To reinforce this point, apps like Google Maps and Waze always direct us to travel down Artesian Street towards Lacy Street, even though we live closer to Pasadena Avenue. If anyone thinks that people will avoid the street their driveway lets out onto, and the one their maps program tells them to use, they are mistaken.

This proposal invites significant danger to pedestrians. There is a middle school directly across the street from this proposed project. There is also an elementary school which is accessed from our side of the 110 by a pedestrian walkway at the corner of Artesian and Ave 33, right at the railroad crossing. Furthermore, the developer suggests that most of the building's tenants won't have cars, and will be attracted to the property based on its proximity to the Metro. Supposing this is true, hundreds of tenants would share Artesian St with cars to walk down this same small 14-ft wide one-way street which has no sidewalk, and no room for a sidewalk, in order to access the Lincoln/Cypress Metro station. This is a huge oversight on the part of the planners, and really it boggles my mind that this proposal has even been made. It puts us and our neighbors, existing businesses, and remarkably this project's tenants at risk.

This project raises other concerns, also. I know that there is long-standing documented soil and groundwater pollution of petroleum and VOC's on the property sandwiched between this proposed project and the Arroyo Secco River. Obviously, there is no underground fence to prevent polluted groundwater from moving across property lines. This project proposes excavating a two-story underground parking lot. Pinyon proposes using the polluted site as a staging ground for this construction. There is a middle school 50 feet away from this project. The representatives for Pinyon displayed no knowledge of this pollution at the Council meeting, and offered no concrete ways to show that this wouldn't pose a harm to the neighborhood or hundreds of schoolchildren across the street. Isn't it our shared responsibility to protect the health of hundreds of children who will spend eight hours a day across the street from this project?

I've looked at the environmental review for this project, and it was conducted for a different proposal entirely several years ago. That review was for far fewer residential units, with more parking spaces than units, putting less strain on surrounding infrastructure. It calls for a different layout of the buildings. It calls for a one-story underground parking lot, not a two-story one. It calls for preserving a historical brick building on the property. It also makes no specific reference to the ground pollution. It's important that a new environmental review be conducted that looks at this developer's new proposed use of the site, and that considers the health and safety concerns that the surrounding neighbors have been unanimous in voicing.

I understand that this project has been slated for expedited review, and that a public hearing is not scheduled. However, I'm also aware that a public review is required if the proposal raises controversy in the community. This proposal has raised significant controversy. There is a growing frustration, and many neighbors have expressed their anger that City Planning is not listening to us, and taking into account our basic health and safety concerns. Local businesses have expressed worry that Pinyon is dumping this major project in our neighborhood without providing the infrastructure to support concievably as many as 800 new residents. I hope our city will represent our desire for new projects to integrate an understanding of their site and neighborhood into the way they’re designed, and to make the community's health and safety a top priority. I’m asking you to delay approval of this project until those concerns are met.

I really appreciate you taking the time to hear our concerns. Please let us know how we can facilitate a public hearing. Thank you for your time and attention to this matter.

Sincerely,
Anthony Lepore
919-561-0625

Michelle Carter <michelle.carter@lacity.org>

141 W Avenue 34 Proposed Project RE: DIR-2019-6048-TOC-SPR-WDI

Wes Pringle <wes.pringle@lacity.org> Mon, May 4, 2020 at 5:28 PM
To: Violeta Martinez <vmartinez4599@gmail.com>
Cc: Michelle Carter <michelle.carter@lacity.org>, Phillip Bazan <phillip.bazan@lacity.org>, jose.a.rodriguez@lacity.org, gilbert.cedillo@lacity.org, Nicole Sanchez <nicole.sanchez@lacity.org>, "to: Adam Moskowitz" <a@moskowitzbayse.com>, David Barrios <davidzorro9999@gmail.com>, Erin Trefry <eetrefry@hotmail.com>, Michael Hayden <michaelhenryhayden@gmail.com>, Phil Wagner <philwagner@gmail.com>, 100bisbolero@gmail.com, rwlarsen.lhnc@gmail.com

Hi Violeta,

Thank you for expressing your concerns about the Mixed-Use project at 141 West Avenue 34. I have received many comments from you and your neighbors. As I am sure you are aware, there are many factors that go into the approval of a project such as the one that is being proposed here. Not every project requires a review by the City of Los Angeles Department of Transportation (LADOT), however, when required, every project receives a very detailed and thorough review by our department. I will attempt to describe LADOT's part of the development review process for you and your neighbors in the following email.

LADOT's role in development projects is in determining and reviewing the state mandated environmental analysis of a project and not "approving" projects. As such, we determined a study was required for this project, received the transportation study in December 2015 and issued a recommendation letter on January 28, 2016. The project was modified and submitted an addendum to the study. LADOT reviewed that addendum and issued another letter on July 11, 2019. When a project is required to submit a transportation analysis to LADOT the first step is to submit for approval a memorandum of understanding (MOU) that signifies the parameters the study must follow. All studies must follow the latest LADOT guidelines. The goal of the study is to assess the potential impacts the project may have on the surrounding transportation system at the time the project is open.

This particular project on Avenue 34 was required to do an analysis of 10 intersections. The study found that there were 2 significant impacts. It should be noted that the number of trips that this project is expected to produce is not based on the parking spaces. Therefore, the fact that they are asking to reduce the parking did not influence the outcome of the study. As indicated by our letters, LADOT found that each study followed the guidelines and was done correctly.

To mitigate the impacts identified in the study, the project has proposed to implement a transportation demand management (TDM) plan and implement traffic signal system improvements at a nearby intersection. A TDM plan lays out strategies to reduce single occupant vehicle trips. This plan will be submitted to and reviewed by LADOT. The plan will include methods and incentives to encourage and subsidize transit use, provide amenities to support biking, encourage car pools and van pools, and other types of assistance as well as providing detailed information on alternatives to transportation by car. In addition, this project will be required to provide yearly reports documenting that the number of trips generated by the project have been reduced by these TDM goals. The traffic signal system improvements will help the existing signal system operate more efficiently.

Apart from the review of a required transportation study, in most cases our only other role is to approve of driveway placement and design. Per LADOT guidelines (and City Planning), driveways for

residential buildings are preferred to be put on alleys or Local Streets. It is less disruptive and safer to put driveways on streets with lower speeds and volumes. A copy of our driveway guidelines can be found here: http://ladot.lacity.org/businesses/development-review#driveway-circulation-review.

Pasadena Avenue has been classified a Modified Avenue II and Avenue 34 a Local Street per the City of Los Angeles' Mobility Plan 2035. Avenue 34 has an existing right-of-way of 50 feet (25 feet half-width) and a roadway width of 34 feet (half-width 17 feet). At the time the project was submitted, the Local Street standards required a 20 foot half-width roadway and a 30-foot half-width right-of-way. The street standards are enforced by the Bureau of Engineering's (BOE) Land Development Group. They conditioned the project to widen the road by 3 feet and dedicate 5 feet (on their side of the street). Under the new Mobility Plan 2035, the Local Street standards are an 18 foot half-width roadway and a 30 foot half-width right-of-way. Although it may seem like this project is taking access off a narrow street, it is not inconsistent with other projects of similar size that have been conditioned to take access off of a Local Street or 20 foot wide alley.

Regarding the parking supplied by the project, the number of parking spaces required by any project is determined by the Zoning Code. This is enforced by the Department of Building and Safety. To modify the required parking a project must go through procedures dictated by City Planning. Although it may seem counterintuitive, LADOT has very little influence over parking supply.

LADOT does not review any type of soil analysis. I am afraid I am not able to offer very many details as to this part of the project. I believe all projects are required to submit a soils report to BOE.

At this point I believe that continuing to work with City Planning, the Council Office, and the developer is the most constructive way to proceed. Ultimately LADOT does not play an integral part of the final approval of the project and is not in a position to hold hearings for a project.

On Mon, Apr 27, 2020 at 9:22 AM Violeta Martinez <vmartinez4599@gmail.com> wrote:

> Good Morning,
>
> As nearby property owners, we have multiple concerns regarding the above proposed Residential Complex. It is a common fact that construction of any type increases traffic flow, noise levels, dust, dirt and general safety issues.
>
> Our current parking situation meets the needs of surrounding homeowners but as you can imagine that will change if we have to accommodate large construction vehicles such as: bull dozers, dump trucks, backhoes and workers personal vehicles. There is no overnight parking and twice a week the street cleaning makes parking difficult. A lengthy construction project creates unwanted inconveniences of those living close by.
>
> It is pretty obvious that this residential complex will NOT have ample parking to accommodate so many residents. With only a little over 300 parking spaces and almost 500 new units, there is no question, it will create more parking issues for us.
>
> Another concern of ours is this crazy idea to have a proposed entrance to this large complex on W. Avenue 34. Traffic traveling down Artesian Street (one-way) and towards Pasadena Ave. (no traffic light) will create a traffic nightmare for those making a left-hand turn onto Pasadena.
>
> As a parent, we are even more concerned with the safety of the children traveling to and from the local Elementary schools located less than a mile from the proposed site. I will have 2 of my children walking to and from school on a daily basis and we are very worried for the overall pedestrian and student safety with the increase of vehicles, construction supplies and workers. The noise factor alone is annoying to local homeowners and often distract children at school. Increased dirt and dust pose a health issue for children and homeowners.

In summary, we strongly feel that such a large complex will overtake the current neighborhood. To share our small neighborhood with almost 500 new residents will create unwanted concerns with traffic, noise, health and safety issues for us and children.

Sincerely,

The Martinez Family

--

Wes Pringle, P.E.
Transportation Engineer
Metro Development Review
100 S. Main St, 9th Floor
Los Angeles, CA 90012

Los Angeles Department of Transportation
213.972.8482

Notice: The information contained in this message is proprietary information belonging to the City of Los Angeles and/or its Proprietary Departments and is intended only for the confidential use of the addressee. If you have received this message in error, are not the addressee, an agent of the addressee, or otherwise authorized to receive this information, please delete/destroy and notify the sender immediately. Any review, dissemination, distribution or copying of the information contained in this message is strictly prohibited.

Michelle Carter <michelle.carter@lacity.org>

141 W Avenue 34 Proposed Project

Anthony Lepore <lepore123@gmail.com> Mon, May 4, 2020 at 8:51 AM
To: michelle.carter@lacity.org

Hello Michelle,

I'm writing you with my serious concerns regarding Pinyon's proposed project on W Avenue 34 in Lincoln Heights. Both my family and myself are deeply embedded in the Lincoln Heights community, and specifically the block directly next to this proposed project. My grandfather worked at sewing factories in Lincoln Heights in the 1960's, and then opened his own swimwear factory at Pasadena Ave and W Avenue 33 in the '70's. My father took over the family business in the '90's, and now I operate a business on Ave. 34 directly across the street from the proposed project. My family's history with the neighborhood gives me specific insight into how this proposed project would affect our community.

I fully support adding affordable housing units in our neighborhood, and know that there is a real need for more housing in Los Angeles. However, we need the help of our city to ensure that developers respect the health and safety of our community.

I have two main concerns about this project. The first one has two elements, that when combined will create a dangerous situation on Ave 34, 33, and Artesian. The project proposes 311 parking spaces for shared by nearly 500 residential units and 16,000 sq. ft. of retail. We have been attending Neighborhood Council meetings and trying to communicate with Pinyon. The one time that they showed up to a meeting, our first question was for them to explain the shortfall in parking, and how they thought the neighborhood could support it. Their quick answer was that this project is close to the Metro, and they expect the majority of their tenants in these luxury apartments would not have cars. We've heard that the building's one-bedroom apartments will go for $3200/month. It is unlikely that people who can afford this kind of rent will not also own cars in Los Angeles, with couples probably owning 2 cars. At a minimum, this will flood our already crowded streets with hundreds of cars looking for parking spaces. They are alotting 25 parking spaces for the commercial businesses, leaving 286 spots for residents.

On W Avenue 34 alone, there are three businesses and four residences that already do not have full driveways or adequate parking, and rely on street parking both for themselves and their clients. These businesses and families would be drastically affected by the parking spaces that this project would take from the community. Pinyon proposed at the Council meeting that they might work to get parking passes for the neighborhood. This does not address the overcrowding on the streets, or that clients of these neiborhood businesses will also need to park on the street.

The second part, and perhaps more dangerous aspect of this project is the proposed main entrance/exit. Pinyon has designed the only access to the parking lot on W Avenue 34 at Artesian St. If you live on W Avenue 34, the quickest way to get to the I-5, the 110 Freeway, the 2, San Fernando St, or local businesses like Home Depot, is to take Artesian St, and this is the street onto which this building's parking lot empties out. Artesian is a one-lane, one-way 14 foot wide street with no sidewalks or space to add pedestrian access. There is insufficient lighting, there is a blind corner, and there is a railroad crossing at the end of it. There are also several established fixtures in the community that bottleneck traffic on this route. The film production on Lacy St often shuts down street traffic, the large warehouse on Artesian at W Avenue 33 has large trucks constantly coming in and out during the day, and the taco stands on Artesian draw nightly crowds of parked cars and hundreds of pedestrians. All of these things make a major egress for hundreds of additional cars highly problematic and dangerous for pedestrians. The developers might suggest that tenants can make a left on Pasadena Avenue and drive across the 110 north to Figueroa, and then make a left and drive back down to Avenue 26 to access these points, but we all know that people will want to take the most direct route, especially if their parking lot exits in that direction. To reinforce this point, apps like Google Maps and Waze always direct us to travel down Artesian Street towards Lacy Street, even though we live closer to Pasadena Avenue. If anyone thinks that people will avoid the street their driveway lets out onto, and the one their maps program tells them to use, they are mistaken.

This proposal invites significant danger to pedestrians. There is a middle school directly across the street from this proposed project. There is also an elementary school which is accessed from our side of the 110 by a pedestrian walkway at the corner of Artesian and Ave 33, right at the railroad crossing. Furthermore, the developer suggests that most of the building's tenants won't have cars, and will be attracted to the property based on its proximity to the Metro.

Supposing this is true, hundreds of tenants would share Artesian St with cars to walk down this same small 14-ft wide one-way street which has no sidewalk, and no room for a sidewalk, in order to access the Lincoln/Cypress Metro station. This is a huge oversight on the part of the planners, and really it boggles my mind that this proposal has even been made. It puts us and our neighbors, existing businesses, and remarkably this project's tenants at risk.

This project raises other concerns, also. I know that there is long-standing documented soil and groundwater pollution of petroleum and VOC's on the property sandwiched between this proposed project and the Arroyo Secco River. Obviously, there is no underground fence to prevent polluted groundwater from moving across property lines. This project proposes excavating a two-story underground parking lot. Pinyon proposes using the polluted site as a staging ground for this construction. There is a middle school 50 feet away from this project. The representatives for Pinyon displayed no knowledge of this pollution at the Council meeting, and offered no concrete ways to show that this wouldn't pose a harm to the neighborhood or hundreds of schoolchildren across the street. Isn't it our shared responsibility to protect the health of hundreds of children who will spend eight hours a day across the street from this project?

I've looked at the environmental review for this project, and it was conducted for a different proposal entirely several years ago. That review was for far fewer residential units, with more parking spaces than units, putting less strain on surrounding infrastructure. It calls for a different layout of the buildings. It calls for a one-story underground parking lot, not a two-story one. It calls for preserving a historical brick building on the property. It also makes no specific reference to the ground pollution. It's important that a new environmental review be conducted that looks at this developer's new proposed use of the site, and that considers the health and safety concerns that the surrounding neighbors have been unanimous in voicing.

I understand that this project has been slated for expedited review, and that a public hearing is not scheduled. However, I'm also aware that a public review is required if the proposal raises controversy in the community. This proposal has raised significant controversy. There is a growing frustration, and many neighbors have expressed their anger that City Planning is not listening to us, and taking into account our basic health and safety concerns. Local businesses have expressed worry that Pinyon is dumping this major project in our neighborhood without providing the infrastructure to support concievably as many as 800 new residents. I hope our city will represent our desire for new projects to integrate an understanding of their site and neighborhood into the way they’re designed, and to make the community's health and safety a top priority. I’m asking you to delay approval of this project until those concerns are met.

I really appreciate you taking the time to hear our concerns. Please let us know how we can facilitate a public hearing. Thank you for your time and attention to this matter.

Sincerely,
Anthony Lepore
919-561-0625

Connect Create Collaborate

Michelle Carter <michelle.carter@lacity.org>

Luxury Apartments Ave 34

1 message

Jack Ruley <jack@bigbadsoundla.com> Wed, Apr 29, 2020 at 1:13 PM
To: michelle.carter@lacity.org

Dear Ms. Carter,

As a business and property owner in the Lincoln Heights community, I am writing to express my concern regarding a proposed luxury apartment development on W Avenue 34.

As the project was proposed, the insufficient parking would be solved by new residents taking the nearby metro. In reality, the number of people taking the metro is dramatically fewer than what would have any impact on the massive parking shortage this development would create. There are currently residents and commercial businesses using the 217 total parking spaces within a half mile radius. In those currently available parking spaces street cleaning occurs two times per week on all streets, which significantly affects the availability of these spots. As metro ridership continues to decrease there is absolutely no explanation for the detriment this proposed development would have on the surrounding community, which includes both residential properties as well as commercial properties. Local businesses rely on having available parking for clients and customers — decreasing the amount of available parking would severely debilitate our businesses and end up completely driving us out of our own community. The suggestion that this building will be one of the most successful attempt at increasing Metro ridership without even having a usable sidewalk is preposterous.

Street cleaning occurs twice a week meaning: two nights a week there are only half of the 217 parking spots available, greatly increasing the need to park further away, and leading pedestrians with no sidewalks to use safely to get back home. For instance, parking is already so difficult on Ave 33, one of our neighbors has to park his car in the driveway of another neighbor because there are no spots available to him on the street. Even if this is the most successful attempt at increasing Metro ridership in Los Angeles, the building will take every single one of the spots that are currently being used. These 217 parking spots are not available, they are already being used.

The project's proposed entrance on W Avenue 34 and Artesian Street is dangerous and irresponsible because Artesian Street is a narrow, one-way street with no sidewalks. There are already drivers constantly driving the wrong way and pedestrians with no sidewalks to use safely on Artesian St. Additionally, there is no traffic light on Avenue 34 and Pasadena Avenue, making left turns difficult and causing traffic congestion in that area — especially during rush hour, morning and evening commutes.)

There are two elementary schools in the area: Hillside Elementary and Loreto Elementary. The community is concerned this construction will have a negative impact on the young students' health and their ability to learn. Between the disruptive noise, dust, debris, and increased traffic it is objectively clear this project would do a disservice to the children of our community. They deserve a safe, healthy, environment to learn in just as much as the children in any school in the LA Unified School District.

Overall the community is concerned about the proposed project. Unfortunately, most luxury apartments are built and end up with very few affordable units. A structure like this does not fit with the existing, established homes and buildings in this neighborhood. It would be a, rightfully, unwelcome addition to a neighborhood.

Jack Ruley
--
Owner, Manager
Big Bad Sound, Los Angeles
http://www.bigbadsoundla.com
M: (843)-323-0997
SM: @bigbadsoundla
https://www.youtube.com/watch?v=xzWQQMArduw

Michelle Carter <michelle.carter@lacity.org>

141 W Avenue 34 Proposed Project RE: DIR-2019-6048-TOC-SPR-WDI

Violeta Martinez <vmartinez4599@gmail.com> Mon, Apr 27, 2020 at 9:22 AM
To: michelle.carter@lacity.org, phillip.bazan@lacity.org, jose.a.rodriguez@lacity.org, gilbert.cedillo@lacity.org, nicole.sanchez@lacity.org, wes.pringle@lacity.org
Cc: Patty Camacho <Machocamacho73@yahoo.com>, "to: Adam Moskowitz" <a@moskowitzbayse.com>, Anthony Lepore <lepore123@gmail.com>, David Barrios <davidzorro9999@gmail.com>, Erin Trefry <eetrefry@hotmail.com>, Amanda Ross-Ho <amanda@amandarossho.com>, Michael Hayden <michaelhenryhayden@gmail.com>, Phil Wagner <philwagner@gmail.com>, Erik Frydenborg <efrydenborg@gmail.com>, 100bisbolero@gmail.com, rwlarsen.lhnc@gmail.com

Good Morning,

As nearby property owners, we have multiple concerns regarding the above proposed Residential Complex. It is a common fact that construction of any type increases traffic flow, noise levels, dust, dirt and general safety issues.

Our current parking situation meets the needs of surrounding homeowners but as you can imagine that will change if we have to accommodate large construction vehicles such as: bull dozers, dump trucks, backhoes and workers personal vehicles. There is no overnight parking and twice a week the street cleaning makes parking difficult. A lengthy construction project creates unwanted inconveniences of those living close by.

It is pretty obvious that this residential complex will NOT have ample parking to accommodate so many residents. With only a little over 300 parking spaces and almost 500 new units, there is no question, it will create more parking issues for us.

Another concern of ours is this crazy idea to have a proposed entrance to this large complex on W. Avenue 34. Traffic traveling down Artesian Street (one-way) and towards Pasadena Ave. (no traffic light) will create a traffic nightmare for those making a left-hand turn onto Pasadena.

As a parent, we are even more concerned with the safety of the children traveling to and from the local Elementary schools located less than a mile from the proposed site. I will have 2 of my children walking to and from school on a daily basis and we are very worried for the overall pedestrian and student safety with the increase of vehicles, construction supplies and workers. The noise factor alone is annoying to local homeowners and often distract children at school. Increased dirt and dust pose a health issue for children and homeowners.

In summary, we strongly feel that such a large complex will overtake the current neighborhood. To share our small neighborhood with almost 500 new residents will create unwanted concerns with traffic, noise, health and safety issues for us and children.

Sincerely,

The Martinez Family

Michelle Carter <michelle.carter@lacity.org>

151 Av 34 TOC and Lincoln Heights

Richard Larsen <rwlarsen.lhnc@gmail.com> Mon, Apr 27, 2020 at 1:28 PM
To: Michelle Carter <michelle.carter@lacity.org>

Hello Michelle,

Thank you for responding. Yes, I realize that is a different site plan, that was my hoped-for point, that the MND was created on the basis of a previous project, not the one currently being reviewed. So the objective I am looking for is a new MND based on the current project, not a vaguely delineated one from three years ago. The MND for that previous project does not take into consideration the size and scope of the current project as shown on the drawings dated October 2, 2019. Are these the current drawings you are reviewing or is there a newer submission

Some of the solutions I am looking for are:

This project does not comply with the Framework or the TOC Guidelines submitted by our Councilman and the Addendum approved by the City Council, May 22nd of last year. Please see attached document and the highlights indicated.

While the project will provide 66 needed ELI units, it fails to achieve safety objectives that are objectively overlooked where this project intersects our residential community. I'm referring to the egress point on Av 34, it's likely outlet at Av 33, and Artesian Street is problematic. This road is really an alley, it does not qualify as a Mobility Plan element. Furthermore, it has no sidewalk or street lighting. Artesian is not a TOC-rated amenity.

This project is 16' from the Gold Line, and as such doesn't meet the safety standard for the traffic load this project will place on that intersection. Some of these obstacles are a close-by grade level rail crossing, truck docks, a very busy LA Tow yard, hundreds of school kids traverse there during normal school days, and several other TOC concerns that are clearly not included with this project.

Please review the attached Routes to School pdf from LADOT which shows the adjacent schools and the proximity to this TOC. If we ignore the detriment this egress plan will have on the safety of our school children, I'm afraid everyone associated with this project will be responsible.

It must be considered, we have to review and introduce a coordinated traffic control system which will include embedded sensors and traffic lights on Av 34, Av 33, Pasadena Avenue (both sides), Lacy Street, and at the Gold Line crossing. While it may be outside of your jurisdiction, the City Planning review will be subject to these mitigating LADOT and Metro controls. It's my understanding they were not consulted.

Pedestrian walkways and street lighting must be provided along Artesian, which has none now. We should consider camera surveillance along the freeway overpass walkway as well as coordinated safety features at the tow yard. The tow yard continues to allows recklessly speeding fully laden tow trucks down Lacy Street and Av 33. These add to the traffic load of this TOC and cannot be ignored.

Also the Friday Car Auction at this tow yard should be brought into consideration for unregulated crowds and reported increase in local crime. There should be a widened intersection at the Gold Line to mitigate the risk to pedestrian safety as well.

Restrictions must one put in place along Lacy Street as filming continues at a regular pace with Buck Design at 2630 Lacy Street. The majority of the street is often blocked off and egress to Av 33 is severely impaired to the point that some days the only local access is at Av 26 and Humboldt. Lacy Street is closed off on such occasions, and that will impact this TOC, creating excessive local traffic.

Local Businesses that have truck docks on Artesian will be negatively affected as well as the open air market that has been improvised at Av 26 Tacos. On any given early evening there are at least 200 cars on Artesian with 400 people. It is

currently unregulated yet us a traffic nightmare all it's own. It's hard to imagine LAFD access to any building around there should they be needed.

If these recommendations are not implemented, the local government bodies will find the project non-conforming and a significant danger to our community.

Some questions on the documents from the developer, the design calls for excavating 16 to 22 feet below grade, are there any soil borings or toxicology reports that you are aware of? The adjacent site is owned by Cyril W. Welchs and shows a public utility easement quitclaimed on February 2, 1979. APN 5205-004-010. The site plan appears to have an underground pipe trench containing 4 pipes traversing the site north to south. This trench will be affected according to the plan. Is there any information on that? Are there any SCAQMD documents that have been presented or reviewed by City Planning? The site was used by an industrial cleaner. Should there be a local hearing on this excavation issue?

I applaud the developer for making changes to the prior plan, the project footprint was reduced, however the .5 parking space per unit impacts the local community severely. I have received many complaints from my community that this TOC, while providing affordable units, will be a impediment to parking locally.

I trust you will get back to me on these questions and let's see what we can do to make this a better project. It is among the first of many TOC's that will create new and challenging issues to my community. I'd like to give them an opportunity to weigh in. A public hearing on this project should be part of that process. Otherwise it looks like these approvals happen behind closed doors and ignore those who are affected the most.

best regards,

Richard W Larsen
Lincoln Heights Neighborhood Council

On Mon, Apr 27, 2020 at 9:33 AM Michelle Carter <michelle.carter@lacity.org> wrote:

> Hello Richard,
>
> Thank you for your email. The site plan you attached to your email is a copy of the previously approved project. The proposed project consists of three buildings.
>
> If there are solutions to solve the issues you highlighted, please let me know what those are if you have any ideas.
>
> Also, Phil Bazan is not a Planner associated with the case.
>
> Best regards,
> Michelle
>
> **Michelle Carter**
> City Planning Associate
> **Los Angeles City Planning**
> 200 N. Spring St., Room 763
> Los Angeles, CA 90012
> Planning4LA.org
> T: (213) 978-1262
> E-NEWS
> **Regular Day Off**: *Every other Friday*

On Tue, Apr 21, 2020 at 3:09 PM Richard Larsen <rwlarsen.lhnc@gmail.com> wrote:

> Hello Michelle,
>
> Thank you for responding. I met recently with the Metro Development Team, Shine Ling and Georgia Sheridan. They were unaware of the project, but are looking into it now. Please hold on before approving this TOC as there are a few issues we discussed that City Planning should consider. I've also been working with Martin Reyes of LA County. There is a lot going on right now that you may be aware of.
>
> While you are reviewing the City aspect and requirements, I reached out to Nicole Sanchez regarding the Framework. We have somethings to discuss. This is also not a County concern per se, but locally we only need to go a half block and encounter a transportation issue as well as commercial and job opportunities that may be missed. Do you know if or when the Framework will be updated?
>
> The original project claimed to be mixed use, but if you look at the ground plane, the site plan below, there was no way for that project to actually work. The interior vehicular access was sketchy in my opinion. There was not a complete picture, there were many omissions and flaws to it. In fact I believe their egress plan was to use the SCAQMD lot next door. The MND should be reassessed for this project, there is little to compare with this new TOC, even the designation mixed-use is not appropriate for the original project, in my opinion.
>
> I am meeting shortly with Russell Hasan, Eduardo Hermosa, and Nader Asmar to get their input on the new TOC. I thought Jacqui Swartz and her team did a great job on Figueroa, and am continuing the conversation, so please hold off before we have a chance to weigh in on this. There are several issues that endanger our community, issues that can be addressed and solutions sought for. But if City Planning green lights this project there will be no opportunity for our community to resolve the transportation and safety issues that are clearly evident with this project.
>
> Have you heard anything from Phillip Bazan? I want to say how much I appreciate your work on this project, it could be a very good one for Lincoln Heights if was can work out these transportation and safety issues. Please keep me posted on any process that would allow this project to be approved without input from our Council.
>
> thank you, and best regards,

Richard W Larsen
Lincoln Heights Neighborhood Council

On Tue, Apr 21, 2020 at 2:24 PM Michelle Carter <michelle.carter@lacity.org> wrote:

> Hello Richard,
>
> Thank you for your email.
>
> The project proposes 311 parking spaces.
>
> The MND that was adopted analyzed a mixed-use project. The Addendum to the MND addresses the proposed project which is also a mixed-use project. The project was reviewed by LADOT and there were no recommended mitigation measures that involved the Metro line crossing. All site planning features were considered in the analysis of this project.
>
> Please let me know if you have any additional questions.
>
> Best,
> Michelle

Michelle Carter
City Planning Associate
Los Angeles City Planning
200 N. Spring St., Room 763
Los Angeles, CA 90012
Planning4LA.org
T: (213) 978-1262
E-NEWS
Regular Day Off: *Every other Friday*

On Tue, Apr 14, 2020 at 3:04 PM Richard Larsen <rwlarsen.lhnc@gmail.com> wrote:

> Hello Michelle and Phillip,
>
> The local community is expressing concern with this project, DIR-2019-6048-TOC-SPR-WDI. I understand you are near completing the entitlement, and I wanted you to know I believe it deserves a deeper review.
>
> The main issues with the project revolve around transportation and parking. The project brings 468 market rate units, including 66 need low income units. The project appears to have approximately 468 parking spaces, is that correct?
>
> The project's main egress in on Ave 34 at Artesian, a small one way unlit no-sidewalk paved alley. Most of the occupants and businesses will use this alley as it is the most direct way to get to freeways a block away. It would all make sense if someone addressed the impact this project will have on my community.
>
> I am not pro or anti development, as Chair of the Planning and Land Use committee, I have approved many large scale developments with minor changes. However this project is within 100 feet of a Gold Line crossing and adjacent to a SCAQMD site. The applicant is using a prior reviewed MD which was for a much different development, and frankly I don't see how that is policy when the scope has been changed to a TOC. This needs a new MD addressing the scope and scale of this project.
>
> Finally I am reaching out to other agencies to see what we can do to mitigate the impact on transportation. The Framework has not been updated in years and I feel few at Planning are aware of the larger issues, like our adjoining neighborhood's density and height limits.
>
> Site planning on this project needs special attention .Were ancillary structures, service areas, pedestrian walkways, vehicular paths, loading areas, drop-off and pick-up areas considered? I don't see it on the plan. How would the neighboring areas access this site plan?
>
> Is there any adjacent commercial or industrial designations from public streets or parking areas addressed? These TOC's could be a wonderful opportunity to include pedestrian access, mitigated traffic at the nearby Gold Line station, and allow a community based commercial area to co-develop and provide needed jobs for our community.
>
> Please delay approving any Entitlements until I can discuss this with you. I am having difficulty with many issues on this project, however I'd like to solve them with you soon.
>
> best regards,
>
> Richard W Larsen
> **Lincoln Heights Neighborhood Council**

Michelle Carter <michelle.carter@lacity.org>

Fw: 141 W Avenue 34 Proposed Project

Patty Camacho <machocamacho73@yahoo.com> Sun, Apr 26, 2020 at 3:07 PM
To: "michelle.carter@lacity.org" <michelle.carter@lacity.org>

----- Forwarded Message -----
From: Patty Camacho <machocamacho73@yahoo.com>
To: gilbert.cedillo@lacity.org <gilbert.cedillo@lacity.org>
Cc: Adam Moskowitz <a@moskowitzbayse.com>; Violeta Martinez <vmartinez4599@gmail.com>; Anthony Lepore <lepore123@gmail.com>; David Barrios <davidzorro9999@gmail.com>; Erin Trefry <eetrefry@hotmail.com>; Amanda Ross-Ho <amanda@amandarossho.com>; Michael Hayden <michaelhenryhayden@gmail.com>; Phil Wagner <philwagner@gmail.com>; Erik Frydenborg <efrydenborg@gmail.com>
Sent: Sunday, April 26, 2020, 03:02:18 PM PDT
Subject: 141 W Avenue 34 Proposed Project

Good afternoon Michelle,

As a Lincoln Heights community member and a property owner across the street from the proposed project at 141 W. Avenue 34, I would like to express my concerns regarding the multitude of safety and environmental complications for the community in which this development is proposed.

Re:

- DIR-2019-6048-TOC-SPR-WDI
- ENV-2016-273-MND-REC1

The project has several addresses in 90031:

- 141 W Avenue 34
- 151 W Avenue 34
- 3401 Pasadena Avenue

Attachments:

- **Parking Study** for Surrounding area of proposed project
- **Northeast Community Plan Monitoring** (pages II-5 and II-6) which states “The Plan has been prepared to depict appropriate long term land uses on the basis of information and policies at the time of adoption. The Plan takes cognizance of the 2010 SCAG population, unemployment, and housing forecasts. However, the Plan depicts residential densities and commercial and industrial intensities designed to limit development because of existing shortfalls in needed infrastructure and services and in anticipated delays in providing them.

Parking:

- 313 total parking spaces for 468 units (233) and 40,000 sq ft (80) of creative office/commercial space
- Within a half mile radius of the project, there are a total of 211 parking spaces. I walked each street and counted spaces based on average vehicles parked correctly:
    - W Avenue 34 = 33
    - W. Avenue 33 = 35
    - E. Avenue 33 = 28
    - Pasadena Ave (between Ave. 35 and Ave. 33) = 61
    - Pasadena Ave (between Ave. 31 and Ave. 33) = 27
    - E. Avenue 35 = 27
- Street cleaning on every street listed above, twice a week
- No overnight parking on nearby Humboldt and Artesian Streets
- Local businesses will also be affected by lack of parking

Traffic:

- Vehicles entering and exiting the only point of access to the entire development on W Ave. 34/ Artesian St.
    - Artesian St. is a one-way, narrow (14ft) street with no sidewalks and poor lighting
- No street light on Pasadena Ave and Ave. 34 making a left turn on/off Pasadena Ave extremely challenging, especially during peak traffic hours

Loreto Elementary and Hillside Elementary Schools:

- Pedestrian safety concerns along school walking routes with increased traffic
- Impact of construction on student health (dust and debris) and student learning (noise)

Environmental:

- Adjacent lot: former site of Welch's, an industrial cleaning facility where industrial uniforms were dry cleaned. If proposed development is providing subterranean parking, excavation may disturb the organic chemicals that were dumped on the site for years

We ask that you keep the community informed of any updates to this project and prioritize the voice and concerns of those who will be severely impacted by such an over-development to this area.

Thank you for your time and consideration.

Patricia Camacho

Connect Create Collaborate

Michelle Carter <michelle.carter@lacity.org>

141 W. Avenue 34 Proposed Project

1 message

Amanda Ross-Ho <amanda@amandarossho.com> Fri, Apr 24, 2020 at 3:52 PM
Reply-To: amanda@amandarossho.com
To: michelle.carter@lacity.org, machocamacho73@yahoo.com, Adam Moskowitz <a@moskowitzbayse.com>, Violeta Martinez <vmartinez4599@gmail.com>, Anthony Lepore <lepore123@gmail.com>, David Barrios <davidzorro9999@gmail.com>, Erin Trefry <eetrefry@hotmail.com>, Amanda Ross-Ho <amanda@amandarossho.com>, Michael Hayden <michaelhenryhayden@gmail.com>, Erik Frydenborg <efrydenborg@gmail.com>, Phil Wagner <philmwagner@gmail.com>

Dear Michelle,

I write in solidarity with our neighbors and the larger Lincoln Heights community to express my deep concern regarding the proposed plan for 141 Avenue 34. We run a small business on Pasadena Avenue and Ave 34 (with our main entrance on Avenue 34), which has already been impacted by the economically crushing events of Covid-19 in the last two months.

In reviewing the proposal, I am compelled to voice my strong concerns about the insufficient plans for a singular point of egress on Avenue 34 and Artesian avenue, which is already narrow and limited. This plan as devised proves to create both a potentially dangerous and overwhelming traffic scenario within the narrow confines of a residential street. I am also deeply concerned about the impact on street parking that this project proposes, with almost 500 units being serviced by just over 300 parking spots. The obvious overflow this would create stands to dramatically disenfranchise surrounding businesses and residents from reasonable access to their long time homes.

Finally, I have very serious concern about the environmental issues associated with the site slated for the parking structure for the development. This is an issue that requires due diligence and rigorous attention. Proceeding with approval of this project without conducting a thorough investigation, soil tests, and exploratory research about the potential dangers and long term impacts on the environment and health of surrounding residents would be reckless, willfully negligent, and to my mind, unlawful.

I am invested in Lincoln Heights as one of Los Angeles' most precious, vital and historically relevant neighborhoods. Its residents have already suffered a significant blow by the events of this current pandemic, and this project stands to endanger their livelihoods and daily experience even further. The site of the proposal is flanked by generations of long time residents, small businesses, schools, and a vibrant community of residents. It is a moral and ethical responsibility to consider the welfare and best interest of the community. Please allow a forum for the community's concerns to be heard, and investigate and disclose the results of this research prior to approval.

Thank you for your time and consideration.

Amanda Ross-Ho

Artist, Amanda Ross-Ho Studio, Inc.
Associate Professor, University of California, Irvine

Connect Create Collaborate

Michelle Carter <michelle.carter@lacity.org>

141 W Avenue 34 Proposed Project

1 message

Joseph Lepore <joelepore1@att.net> Fri, Apr 24, 2020 at 1:06 PM
To: michelle.carter@lacity.org

Hi Michelle,

I am a building owner on Avenue 34 and concerned about the parking and traffic problems that will arise with the project. There is only 311 parking spaces for 468 units and 12 retail stores. Also the entrance to the building is a narrow one way street for all the cars. Please let me know if there are any updates about the project.

Thank You,
Joe Lepore

Sent from my iPad

Connect Create Collaborate

Michelle Carter <michelle.carter@lacity.org>

141 W Avenue 34 Proposed Project

1 message

Erik Frydenborg <efrydenborg@gmail.com> Fri, Apr 24, 2020 at 5:12 PM
To: michelle.carter@lacity.org
Cc: machocamacho73@yahoo.com, Adam Moskowitz <a@moskowitzbayse.com>, Violeta Martinez <vmartinez4599@gmail.com>, Anthony Lepore <lepore123@gmail.com>, David Barrios <davidzorro9999@gmail.com>, Erin Trefry <eetrefry@hotmail.com>, Amanda Ross-Ho <amanda@amandarossho.com>, Michael Hayden <michaelhenryhayden@gmail.com>, Phil Wagner <philmwagner@gmail.com>

Hello Michelle,

I hope that you're staying healthy during this difficult period. I'm writing to voice my concern regarding a proposed project adjacent to our small business, located at Avenue 34 and Pasadena Ave in Lincoln Heights. Members of our community are struggling for economic survival during the pandemic crisis, and we fear that there are numerous inevitable complications of this project that would further impact the safety and security of neighborhood residents and workers.

In particular, I am deeply troubled by the potential environmental hazards that this project will entail. Longstanding issues with ground contamination on the adjoining property have resulted in that lot's longtime vacancy; in my understanding, the development of an underground parking structure here would result in extensive excavation of this dangerously compromised soil. Thorough environmental testing and further studies of the potential health impacts of this construction are absolutely critical, and mitigating danger to surrounding occupants must be considered.

Further, the proposed plan provides insufficient solutions for the dramatic increase in traffic that would result from the singular point of access to the development at Avenue 34 and Artesian Avenue. As proposed, nearly 500 new units would be serviced by just over 300 parking spaces, meaning that the surrounding streets will likely be inundated with an overflow of vehicles that will create complications for existing residents in regards to parking and access to their homes and businesses.

Our commitment to our neighbors and our community requires that we more carefully and meaningfully account for the needs and concerns of its most hardworking and vulnerable members. Please help us honor this position via an open and transparent process that elevates the voices of our current residents, and with a more exhaustive examination of the potentially disruptive aspects of the project. Thank you for your time.

Erik Frydenborg
Erik Frydenborg Studio

Michelle Carter <michelle.carter@lacity.org>

141 W Avenue 34 Proposed Project

1 message

Phil Wagner <philmwagner@gmail.com> Thu, Apr 23, 2020 at 2:16 PM
To: michelle.carter@lacity.org

Dear Ms. Carter,

As a small business owner and operator on West Avenue 34, I am adamantly opposed to the current proposal for construction and development at 141 West Avenue 34.

The plan threatens the infrastructure of the neighborhood from a socio-economic perspective and contradicts the outlined intentions to accommodate metro riders. The number of housing units in the plan far exceed the number of reasonable parking opportunities and will compromise day to day business.

A shortage of underground parking units will cause massive overflow and will jeopardize our neighborhood and businesses.

Thank you,
Phil Wagner
President Alustretch LA

Connect Create Collaborate

Michelle Carter <michelle.carter@lacity.org>

141 W Avenue 34 Proposed Project

1 message

Michael Henry Hayden <michaelhenryhayden@gmail.com> Thu, Apr 23, 2020 at 9:19 AM
To: michelle.carter@lacity.org

Hello Michelle,

I'm writing to express my concern at a proposed project in my neighborhood. I recently went to a meeting of the Lincoln Heights neighborhood council, where a developer presented a proposal for a massive new development on W Avenue 34.

I understand that this project is supposed to have 486 residential units, but only 311 parking spots, and many of those spots would be reserved for additional commercial units in the building. This is a short block, bordered on one side by Pasadena Avenue, where parking is restricted, on another side by the metro tracks, and on another by a vacant lot. That means that if this project were to include the number of units they are proposing, our street and all the surrounding streets would be overwhelmed by the tenants of these new buildings. It's conceivable that as many as 700 cars would be entering and exiting this building every day.

There is only one point of access to this entire project, and it is on my street. W Avenue 34 is a narrow street, with a one-way only outlet on Artesian St, which is an unusually narrow street, with a blind corner, and no sidewalks, right next to a railroad crossing. This seems to be inviting an uncomfortable level of danger to this block. I'm attaching a photo of this street below.

There are other concerns we have as well. The lot directly next to this proposed project has been vacant for years due to dangerous ground contamination. This developer plans to dig a multistory underground parking lot right next to this site. I asked about the environmental risks and impact at the meeting, but the developer couldn't articulate anything regarding this, which leaves me very disturbed, as I live directly across the street from this proposed construction.

Will there be further opportunities for the community to voice their concerns about this project before it is approved? It seems to need a lot of reconsideration before it can proceed in a way that won't invite environmental harm, increase traffic dangers, and contribute to congestion on the streets.

Thank you for listening to my concerns.
Sincerely,
Michael Hayden

14 ft.
One Way
No sidewalks

Michelle Carter <michelle.carter@lacity.org>

141 W Avenue 34 Proposed Plan

1 message

erin trefry <eetrefry@hotmail.com> Wed, Apr 22, 2020 at 9:41 PM
To: "michelle.carter@lacity.org" <michelle.carter@lacity.org>

Dear Ms. Carter,

As a small business owner and operator on West Avenue 34, I am adamantly opposed to the current proposal for construction and development at 141 West Avenue 34.

The plan threatens the infrastructure of the neighborhood from a socio-economic perspective and contradicts the outlined intentions to accommodate metro riders. The number of housing units in the plan far exceed the number of reasonable parking opportunities and will compromise day to day business.

A shortage of underground parking units will cause massive overflow and will jeopardize our neighborhood and businesses.

Thank you,
Phil Wagner
President Alustretch LA

.

Michelle Carter <michelle.carter@lacity.org>

151 Av 34 TOC and Lincoln Heights

Richard Larsen <rwlarsen.lhnc@gmail.com> Tue, Apr 14, 2020 at 3:04 PM
To: michelle.carter@lacity.org, phillip.bazan@lacity.org

Hello Michelle and Phillip,

The local community is expressing concern with this project, DIR-2019-6048-TOC-SPR-WDI. I understand you are near completing the entitlement, and I wanted you to know I believe it deserves a deeper review.

The main issues with the project revolve around transportation and parking. The project brings 468 market rate units, including 66 need low income units. The project appears to have approximately 468 parking spaces, is that correct?

The project's main egress in on Ave 34 at Artesian, a small one way unlit no-sidewalk paved alley. Most of the occupants and businesses will use this alley as it is the most direct way to get to freeways a block away. It would all make sense if someone addressed the impact this project will have on my community.

I am not pro or anti development, as Chair of the Planning and Land Use committee, I have approved many large scale developments with minor changes. However this project is within 100 feet of a Gold Line crossing and adjacent to a SCAQMD site. The applicant is using a prior reviewed MD which was for a much different development, and frankly I don't see how that is policy when the scope has been changed to a TOC. This needs a new MD addressing the scope and scale of this project.

Finally I am reaching out to other agencies to see what we can do to mitigate the impact on transportation. The Framework has not been updated in years and I feel few at Planning are aware of the larger issues, like our adjoining neighborhood's density and height limits.

Site planning on this project needs special attention .Were ancillary structures, service areas, pedestrian walkways, vehicular paths, loading areas, drop-off and pick-up areas considered? I don't see it on the plan. How would the neighboring areas access this site plan?

Is there any adjacent commercial or industrial designations from public streets or parking areas addressed? These TOC's could be a wonderful opportunity to include pedestrian access, mitigated traffic at the nearby Gold Line station, and allow a community based commercial area to co-develop and provide needed jobs for our community.

Please delay approving any Entitlements until I can discuss this with you. I am having difficulty with many issues on this project, however I'd like to solve them with you soon.

best regards,

Richard W Larsen
Lincoln Heights Neighborhood Council

INITIAL SUBMISSIONS

The following submissions by the public are in compliance with the Commission Rules and Operating Procedures (ROPs), Rule 4.3a. The Commission's ROPs can be accessed at **http://planning.lacity.org**, by selecting "Commissions, Boards & Hearings" and selecting the specific Commission.

The following submissions are not integrated or addressed in the Staff Report but have been distributed to the Commission.

Material which does not comply with the submission rules is not distributed to the Commission.

ENABLE BOOKMARKS ONLINE:

**If you are using Explorer, you will need to enable the Acrobat toolbar to see the bookmarks on the left side of the screen.

If you are using Chrome, the bookmarks are on the upper right-side of the screen. If you do not want to use the bookmarks, simply scroll through the file.

If you have any questions, please contact the Commission Office at (213) 978-1300.

Appeal: DIR-2019-6048-TOC-SPR-WDI-1A
ENV-2016-273-MND-REC1

Supporting Documents

Exhibit	**Title**
1	Petition
A	Statement from Cedillo
B	Q Conditions Subarea 4
C	GeoTracker info
D	Envirostor info
E	Phase 1 ESA
F	Welch's report 2007
G	Welch's report 2008
H	Welch's notice 2012
I	Welch's report 2016
J	Welch's report 2018
K	ATSDR info on TCE
L	WHO info on TCE
M	info on Prop 65
N	1914 Flood
O	Fire Code
P	Google Maps Directions
Q	Driveway Proposal
R	Parking Survey
S	Highland Park HPOZ
T	Lincoln Heights HPOZ
U	Audit of Income-Restricted Housing
V	LA Times
W	City Watch
X	National Low Income Housing Coalition
Y	Fire Station 1 stats
Z	Pedestrian Fatalities
AA	Fernanda Sanchez Thesis
BB	Highway Fatalities
CC	Nearby Services
DD	LA Times

Exhibit 1

Petition

LINCOLN HEIGHTS OPPOSED TO PINYON/ KFA TOC PROJECT SITE: 135-153 W. Ave 34; 3401-3437 N. Pasadena Ave.
DIR-2019-6048-TOC-SPR-WDI-1A Applicant: Jay Stark, R Cap Avenue 34, LLC. Lobbyist: Andrew Brady, DLA Piper, LLP
private information of 2914 residents was removed for their security. Information upon request
2914 responses. DATE 9/28/20

Name/ Nombre	Zip code	Why do you oppose the project/ ¿Por qué te opones al proyecto?
Sara Clendening	90031	Ave 34 site is toxic from welchs industrial drycleaners. Suspicious relations between cedillo and Eric ortiz. former property owner still invested . Kevin ratner of forest city west, the financial backer & relations w/ cedillo
Michael Hayden	90031	This project will overburden the surrounding streets, provides insufficient parking, poses environmental hazards, has avoided public input, and will present safety risks for pedestrians and residents of this neighborhood.
Pedro Ramirez Jr	90031	These luxury apartments are just another form of gentrification and a way to push out the local residents of Lincoln Heights. Rent will come at an exorbitant rate and no one but outsiders will be able to afford it.
veronica	90031	Gentrification
Rae Dawn Chairez	90031	What are developers getting for putting up these developments? What benefits does the community receive? Where was the community input? What wasn't there any community engagement? These are developers will just
Patricia Camacho	90031	Overdevelopment for the infrastructure in this neighborhood, parking concerns for several surrounding streets, environmental concerns with excavation of compromised soil, increased traffic during peak hours On Ave 34 and
Alicia robles	90031	Create more traffic, unsafe for students walking to school.
Victor robles	90031	400+ luxury apartments do not cater to a community of lower income persons,
Anthony Perez	90031	The project will not benefit the community as a very low percentage of these units will be allocated for low income people. The housing project will cater to the middle - upper classes — bringing an influx of affluent people, c
Susan Flores	90031	Local residents should have priority access to affordable housing units. Additionally, there should be more units designated for affordable housing.
Sara Rattani	90031	This will be detrimental to the financial stability of this community.
Elizabeth Ramirez	90065	Projects like this displace local residents who cannot afford the increase of rent, these apartments are not targeted for low to moderate income families who already live here, traffic, traffic, traffic, no, please go away.
Donald Nollar	90065	This project does not include enough desperately needed affordable and very low income housing . Homelessness and displacement is rapidly increasing in Lincoln Heights/Cypress Park and Highland Park. We need afforda
Fernanda	90031	Gentrification is the erasure of our people
Sabrina Acosta	90032	Oppose Gentrification
Carinosa robles	90031	It brings a negative impact on our community. Pushing residents out of the area and heavily impacting the density of the area.
Diego Zapata	90031	My community is not for sale.
michael montes	90031	fast tracked approval without community input
Albert Salazar	90031	It will displace others in my community
Mitra Khayyam	90031	The nearby streets cannot handle the traffic from so many new units and residents.
Salar Rajabnik	90031	This project is totally blind to the needs & means of the community & seeks to alienate this who already live here & replace them enticed gentrifiers. There has not been transparency around the process, nor input from within
Christopher Morales	90031	Councilmember Cedillo has consistently failed to listen to and accept community input for his developmental projects, which is unethical and wrong.
Erika Gallo	90031	OPPOSE. You already destroyed our city, don't destroy Lincoln Heights!
Jorge Garcia	90032	No community input!
Paulina Pierce	90031	The city has been engaged in nefarious negotiations with developers and those investigations need to be complete before allowing large tracts of our community to be given away to developers to create luxury housing that w
Jon Price	90031	We deserve to have a fair opportunity to weigh in on this project!!! Please let me know what we can do to help.
Kim Henderson	90013	Need more information on both sides to decide
Naomi Gonzalez	91801	Unaffordable housing, more traffic and displacement of people as well as where will the displaced people afford to live?
CALEB lyons	90026	Community first!!! We need transparency and answers!
Hector Rodriguez	91802	Don't do it
Santos Vasquez	90012	Affordable Housing is the answer for Lincoln Heights - NO TO UNAFFORDABLE GENTRIFICATION!!!
Mariela	90031	We don't need more luxurious apartments we need low cost apartments
Ish Ness	90042	More traffic, not enough parking for tenants, and not affordable housing.
Zulibeth Inda-Lara	90031	I've been living in Lincoln Heights since 1979. Everything has disappeared, our Heritage, our people. Rent increases have spiked up tremendously due to new constructions by of Luxury buildings around our community. The
Amanda R Ross-Ho	90031	I am a small business owner near the corner of Pasadena and 34. This giant, bloated development is a threat to the historically vital and vibrant community of Lincoln Heights, and its long standing residents. The project has
Max Maslansky	90031	It will displace local residents and undermine working families.
Vanessa Carrasco	90031	
Matt R	90031	We don't need luxury condos in Lincoln Heights. It will drive up prices and make the neighborhood unaffordable for current residents and bring in people who don't respect this history of the neighborhood or the community.
Daphne Trr	90031	The neighborhood does not need luxury condos; this is going to negatively impact the community and cause the cost of living to increase. To pursue this sort of build without public input is a seedy move by Cedillo and the P
Celeste	90031	Will cause too much congestion and take away from the community
Kevin Break	90031	it's too large
Jherika Martin	90031	I oppose this project because there is already a heavy push to gentrify, which doesn't take into consideration the people and community already living there. Bringing in a new complex will create hardship on the already exist
Vanessa	90031	
Michael Nunez	90031	It will create parking worst for people who live in apartments.
Maria Delgadillo	90031	No community input or involvement. Poor planning regarding parking and actual needs of the community
Linda Wobbe	90031	Dangerous precedent not to hold hearings and respond to community input.
Emily chang	90031	
Angelina Nieto-Rod	90031	It will displace current residents
Melany Guzman	90031	It is unethical to create luxury apartments in a neighborhood where the majority of renter's only make a yearly income of around $30,5000.
Erika Gallo	90031	I oppose this project.
Adam Cooper	90031	Lincoln Heights is a historic neighborhood that has survived gentrification and real estate exploitation.
Rubi Gomez	90031	The type of gentrification Gio Cedillo insists on bringing into our neighborhoods will not be tolerated. Gil Cedillo, you have failed to provide affordable housing to your existing constituents and safe guard them against homele
Darla	90031	This does not help the citizens of Lincoln Heights. I along with 30,000 residents have been living here for over ten years. We have watched neighboring towns go through this same process and become gentrified, causes the
Lena	90031	Its unethical and all about greed. this isnt uplifting the community, its pushing out hardworking people. did you forget your background Cedillo. dont go against your people. we put you in this position and we can gladly remo
Elida	90031	we are demanding answers we do not need this luxury Appartments inflating rent and cost of living
leslie olmos	90031	We need low income housing, that is priority!
Sandra H.	90031	This many units in this historically residential neighborhood will transform our community into another hip urban wasteland where traffic, congestion, and the added density (468 units, meaning at least another 1,500 people fi
Sarah Esther Marie	90031	Luxury apartments shouldn't be made when our current renters are being forced out of their communities.
Pamela morales	90065	I oppose the project because it will not be affordable and will only displace many people from the community. I oppose the project because it will also add to the gentrification that has been going on with the hard working cla
Katharine Pinney	90031	Oversized, overpriced, will cause tremendous traffic, does not fit into the architecture of historic community, and bare minimum affordable units. We don't need architecturally lazy market rate apartments. We need affordable,
Andrea Pena	90031	I don't support displacing a community or people
Iris Lizeth Casarrub	90031	
Magali Hernandez	90031	I am against gentrification in our community.
Anahi	90023	
Catalina Bolivar	90042	It will displace many families and community members.
Juliet Matamoros	90042	As a POC I do not support this because in specific I have seen many minorities kicked out of low income neighborhoods. While others call it investing in a neighborhood, I call it gentrification. This is also causing numbers to
elix	90031	I personally think it would displace and destroy the current community.
Ric	90031	I don't want to see my neighbors displaced for more unaffordable housing.
Ric	90031	I don't want to see my neighbors displaced for more unaffordable housing.
Shannon	91205	Oppose
Sarah riojas	90031	Because it will change our city forever and cause a chain reaction kicking out the families of Lincoln Heights
Wilson Ho	90031	We are in the middle of a pandemic. Most of the residents in Lincoln Heights are not being employed due to HEALTH concerns due to our incompetent leadership running in this country. Some who are undocumented cannot
Maria A	90032	Our affordable housing stock will be seized by flippers and investors and lifelong residents will be permanenty displaced or houseless.
Alexis Meraz Garcia	90031	We need more affordable housing in the area and housing/business that serve and can be afforded by the community.
Salar Rajabnik	90031	This project threatens the wellbeing of the working class families & individuals who make up Lincoln Heights. Our well being & shelter must not be sacrificed for another predatory gentrification project.

Brody Albert	90031	Does not consider the historic Lincoln Heights community. Will eventually displace economically vulnerable tenants. No gentrification! We need low income housing.
Danielle Salazar	90031	it promotes gentrification and the removal of current low income residents. It does not benefit the community, only the councilman.
Frank Prieto	90042	Quality of life. Adding units will undoubtedly add to traffic. Along with market rates that will only turn the community into a business rather than social construct built around families and pillars of American ideals and principle
Vicki Aguilar	90032	Because low income families were evicted for overpriced housing that is marketed towards affluent people not from this neighborhood. We need more affordable housing for families that are long time residents of Los Angele
Iris Casarrubias	90031	
Robert Nichols	90027	I support low income and public housing in Los Angeles.
Khalilah	90031	We need to protect and preserve the community of Lincoln heights
Andrea Villanueva	90031	The people and families of Lincoln Heights deserve transparency about gentrification that is happening in our neighborhoods. We have the right to voice our concerns and fight back. We have a voice
Alexis Meraz garcia	90031	We need more affordable and secure housing for Lincoln Heights. Luxury apartments and developments threaten the livelihood of long time residents who are struggling to remain in the area. I firmly say no to the gentrificatio
Brenda Albarran	90031	Because we are all a community and we should empower one another!!
Mandy Almendra	90031	Not needed for Lincoln Heights due to the already overcrowded neighborhood
Matthew Cardoza	90031	I have multiple reasons for opposing this project , but the one that sticks in my craw is this! What's with all the shiestyness that surrounds almost all of the current building project in this area. How come poeple (residents) are
Maria Delgadillo	90031	No community input
Jose Salazar	90031	Because there is no respect for the community's opinions or needs
Zulibeth Inda-Lara	90031	I'm a struggling single parent of 3 minors, whom resides 2 blocks from the new plan development. My rent will increase dramatically and most likely I will need to relocate and loose my home. Please reconsider
Hector and	91802	Because we don't need need them
veronica villa	90031	We already have to much people here don't need anymore and we want to keep our community at our at offerdable price we could offer with those luxuries appt. I bet the prices are gonna go up
Alina Infante	90031	Affordable housing is at stake
Dawn Montanez	91732	oppose GENTRIFICATION
Karina g	90031	We dont need more apartments or more ppl in the city ,so many ppl losing there jobs!! put something better that will benefit the city...
Patricia vidaurri	90031	it is too crowded no parking and it will probably be to expensive and low income housing
Allegra Padilla	90029	Lincoln Heights and LA need affordable housing not unaffordable luxury units. Stop gentirifying our amazing city especially as we face a pandemic.
Taily Pulido	90022	I moved out of Lincoln Heights because I could no longer afford to live there but my church is still there. The community is in need of affordable housing, not more luxury housing that will displace more people. This displacem
Brenda Valentin	90031	Our community needs more affordable housing for our residents. Not a luxury high rise apartment.
Eric Sunada	91801	This is gentrification at its worst
Mojica Martinez	90031	I've live in Lincoln heights for 40yrs , all my life. I don't want our community to change like that. Our people won't be able to afford those appartments and our rent will increase.
Francisco cortez	90031	It will affect low income families
Juliana Aguirre	90031	Community don't need luxury apartments
Pako	90031	Not benefiting the local population
Eduardo Castillo	90042	I will have to face increased traffic on my way to work. This will also fuel gentrification which will in turn fuel the homeless crisis in Los Angeles.
Cary cronenwett	90031	Itvis a threat to the community
Dania Gomez	90031	Higher prices in a low income neighborhood pushes natives out and gentrification
Anthony bin	90031	There is not enough parking in the area as it is.
Alejandro Mondrago	90031	Although i am all for diversity i feel this is a step in the wrong direction. If anything this wpuld be a detriment to the community and its cultural integrity.
Evelyn Rojas	90032	Gentrification is hurting our hoods, they need to be stopped asap!
Jennifer	90031	It would usher in an extremely violent displacement of low income, minority residents, not restricted to just those on the current property. Not only is this ethically immoral, it would contribute to a worsened public health crisis
Rosario Escoto	90031	Lincoln Heights is already over populated. There is no parking on the streets. The cost of living is so high multiple families are forced to live together in one small home or even apartment. This will just make the situation wors
Stephanie Martinez	90031	This is my community and I don't want to see gentrification take over and displace everyone here.
Irving Mendoza	90031	Projects like these are the reasons why Lincoln Heights is becoming gentrified. I doubt that the landlords and the city are going to care what the residents of Lincoln Heights have to say.
leslie olmos	90031	we need low income housing and affordable rents for residents not new townhouses or high end apartments
Danica Campos	90031	This development will run out the very people who built the community.
Hannya Ortiz	90031	I oppose this project because it has had zero community input, I think this is a crucial part of the planning process. It is crucial that they provide more affordable housing in this area, if not the homeless crisis will only worsen.
Juan M Castro	90065	This only helps a certain kind of people
Tom Marble	90031	Not enough parking and the vehicular entrance and exit should be on Pasadena Avenue with dedicated deceleration and acceleration lanes.
Shanine Jaimes	90042	I do not want developers deciding the future of our communities without our input
Dara	90018	If and when anyone builds housing in this city it needs to be on a liberatory basis - not further gentrification.
Dalesy Sarceño	90006	Community needs more AFFORDABLE housing not market rate developments that raise rent for everyone!
Diana lai	90031	
Cindy Perez	90031	I oppose this because gentrification of neighborhoods is modern day colonization. We have no where to go. This is our home. You cannot make us leave.
Cynthia White	90031	It is insensitive in scale, it will block the light for any building across the street from it. It is completely out of proportion to the neighborhood. It reeks of bribes and dirty dealing.
Edward	90021	For the detrimental effects it will cause to the community, of which I am a part of.
Vince Caldera	90065	As a native Angeleno, the residents in Lincoln Heights are my neighbors, to see that they even have to demand this dialogue is disgusting. This conversation is necessary. This will affect so many marginalized groups of peopl
Fabiana Paredes	91101	Because any big changes to a community must be done for and with the community
Brenda Contreras	90032	City Council needs to STOP this disaster of a project from moving forward. The residents of the historic neighborhood of Lincoln Heights have legal rights and their concerns MUST be addressed. The conditions under which
Melissa Alcala	90031	The homeless crisis is a nightmare. By continuously adding more unaffordable housing the homeless crisis will grow. This is not what is needed, we need affordable housing for families and elderly. I'm tired of seeing homeles
John Mejia	90031	We don't need luxury apartments. We need affordable housing. We need Recreation Centers for children with resources that can help better their future in education and creativity.
Armando Ruiz	90031	Because it will further displace my neighborhood. It will exacerbate the homelessness crisis.
Davi de la cruz	90031	I am a long time resident of south central Los Angeles. I have temporarily moved to Lincoln Heights as I work towards saving the funds and purchasing a home in the neighborhood I was born and raised. I have noticed that h Market rate housing and no promises to preserve rent controlled housing is a threat to this right to stay in this neighborhood. I oppose this because long time residents should not be illegally evicted, or pushed out by suppos
Sarah Choung	92833	We need to stop displacing those already in the community. The LA council/government needs to reform their zoning laws so that we can continue to provide affordable housing vs continue having the current rules and regula
Yesenia Varela	90031	It is a clear indication of what City Hall members want our community to look like and it's not at all what our community represents. This is the home of hundred of working class folk who everyday care for their homes and the
Lola Gonzalez	90042	Gentrification like this is violent to a community. Especially during a pandemic.
Erica Hwang	90027	Housing is a human right. This move would take us further from guaranteeing this right by snatching away affordable housing for luxury apartments in a pandemic that disproportionately impacts lower income folks. It is not ri
Evan Jourden	90942	Not right for the neighborhood
Pooja D	90029	It is wrong, predatory and exploitative to allow housing to be ripped away for a so called market from an already disenfranchised community rooted in the area. The social cost of this greatly outweighs any benefit this real est
Aurora García-Barre	92802	Gentrification is another form of discrimination and we have to stop it! Families are being displaced, and during the pandemic especially that is significantly harmful to the wellbeing of our communities. We must value people
Araceli Hernandez	91345-3	We need affordable housing and housing for the homeless. This will cause more displacement.
Michael Stoltz	90031	This project will dramatically affect my neighborhood displacing many long time residents and shifting the makeup of Lincoln Heights.
Jackie Rodriguez	92869	Because this is a threat to our health and well being, gentrification is violence!!
Bri	90031	I am against Gentrifying the area because will lead to pushing hardworking families who can't afford expensive rent. Gentrification is part of systematic racism. By building you will be pushing Latinos out of their community.
Eric	90033	Having this kind of development will be detrimental to the current long time residents of LINCOLN HEIGHTS and it's neighbors like myself. This will displace even more residents as it will add to the already growing gentrificat
Jamie	90031	Lincoln heights is being gentrified and the people who have lived there are being pushed out those communities and that's not fair to them.
Sarah Kim	90007	I don't want people to be displaced.
Saul Soto	90023	GENTRIFICATION IS VIOLENCE
Christine Martinez	90031	Because gentrification is genocide
Jenny Lin	90034	Why are we building more UNAFFORDABLE housing during a HOUSING CRISIS?!? But we all know the answer to that question... this development is about PROFIT, not PEOPLE, and this development's going to look good MAKE IT 100% TRULY AFFORDABLE OR GET OUT.
Maia Schall	90068	That is ugly as hell and does not meet the needs nor the aesthetic of the neighborhood.
Tiffanie Lanmon	90065	As a member of this community, I see everyday the people this would most disproportionately impact - this is NOT a good solution for affordable, inclusive housing. Our neighborhood and the people that built it deserve more
Jordan Kolesnik	90031	We need affordable housing, not luxury development in 90031, as well as rent control along commercial corridors to protect local small businesses. The condominium project will facilitate the erasure and displacement of the

Yenny		I'm opposing this project because families will be displaced who will inherently become homeless. Once these ugly buildings go up everyone forgets about the families who are struggling to pay rent in this pandemic and rais
Miguel Perez Guzma	90032	Fuck the rich. They cannot continue their systematic erasure of people ESPECIALLY during a pandemic. If it isn't beneficial to my neighbors and myself then it doesn't belong in my community.
Sonia garcia	90063	This development is a direct threat to the community and ushers in immediate displacement of POC and family's. Stay the fuck out of north east la and east la!
Rhys Ernst	90031	Lincoln Heights neighborhood council was bypassed and never approved the project.
Michael flores	90031	It will cause a lot of despair for low income families
Fernando	90031	
Eduardo Castillo	90042	Stop fast tracking luxury developments! Gentrification has lead to only suffering for those who are not profiting from it. We need low income housing more than ever, not luxury condos.
Guadalupe Garcia	90031	If the city continues to build expensive housing, we push out low-income individuals. This leads to homelessness among families, uprooting to search for affordable housing, and creates a classist divide. How can someone p
Jennifer Mendoza	91030	I was born & raised in Lincoln Heights. I worked in the area & seen first hand that this is not going to be an afforded living place for the people living in the area. People already can barely afford the cost of living as it is. This
Maria Mejia	90031	I oppose this project because it will further exacerbate the parking issues in the community by bringing in a large influx of people.
Jesus Becerra	90031	No Blue Collar job with decent pay would be able to afford housing in this area. MIDDLE CLASS are under attack and this Project proves it!
Julianna Avila	90031	We need to help our community grow not by luxury apartments but instead through helping our residents survive this pandemic. There are elder people being kicked out of their homes and are outside of grocery stores beggi
Brian Kupillas	90068	It lacks proper standards for cultural integration in addition to community outreach. It will not be for those living in Lincoln Heights, but for those wanting to replace the population with a new demographic.
Jose Munoz	90063	Unfair to the local community and the people that grew up there
Katharine Pinney	90031	Oversized (will bring more traffic and there is already a large amount to Pasadena Avenue), market rate units when rents here for working class already very hard to meet, predict bottom store front units will be empty just like
Ghazal Hashemi	90042	I support the working class community of Lincoln Heights & their right to fair and affordable housing. Community input is essential!
Sonia Rivera	90031	Too much traffic already, hard to find parking on the streets. we do not need another apartment complex this large especially with Covid 19 too many people to social distance.
Shervin Ravan	90039	Human decency
Andrew Zacarias	90031	I oppose this project cause it's going to affect the community with more trouble it's going to shut down our local businesses that have been here for years ! It's going to raise rents on people mostly hard working families that
Javier Garcia	90031	The community is overcrowded and if we are going to build something it should be affordable to the people of the exit community.
Anna Su	90042	I think this development displaced residents who have lived in the neighborhood for long term. The scale of the project is too large, disruptive and changes the face of the community in a negative way.
Rosa Castañeda	90031	This apartment complex will continue to hurt the people of LH and further displace families. This project will bring more affluent outsiders while it fails to address any substantial, serious concern or action that will help secure
Sara Flores	90031	I oppose the project because it does not benefit the community. Rent is expensive as is, and this project will only make low income families less likely to afford to stay in the area.
Tanya Bertone	90026	Luxury apartments will only raise the rent in a working class neighborhood like Lincoln Heights. These do nothing to benefit the community
Melissa C	90031	86% unaffordable. Whats the point? Were all a small low income community & your bringing a whole apartment complex that's unaffordable. Theres no point
Taylor Robinson	90027	These developments are ruining our communities. Not to mention it's a heinous monstrosity. Please, preserve don't destroy!
Dalia	91775	
Kristofer	910001	We need affordable housing NOT overpriced housing.
Elizabeth Bagasao	91030	It's affordable housing or nothing! Gentrification is war on the poor.
Blanca Velasco	90031	It will only push out families that are already having a hard time trying to make ends meet.
Janet Marshall	91030	In South Pasadena, we also have huge RHNA numbers to meet, but the only housing that's being built is luxury housing. Our Mission/Meridian Transit Village development built in 2005 received numerous breaks because of i
Veronica Ortega	90031	We need to conserve our community & keep it affordable to the people who already live here!!!
Israel Gutierrez	90031	Because they remove the opportunity for people who have lived there for generations to have the opportunity to own property and people who come to gentrify these neighborhoods don't usually participate and exclude the
Amy Jo	90068	This area does not need luxury housing, it does not cater to the population and will displace the people who have lived there for decades
Marcus m	90039	For the safety and well being of the Working class and black and brown communities
Yesenia Moreno		The people around this neighborhood can not afford to pay $2500 for a one bedroom.
Jaime Escamilla	90031	I oppose the wrongful eviction of tenants
Jaime Escamilla	90031	I oppose the wrongful eviction of tenants
Irene Farr	90031	The development does not work to support the community and works to displace it instead. Even if the structure includes low income units, the city is not advocating for the needs of local citizens. Instead, it's giving in to th
Darla Yan	90031	This project is going to displace thousands of residents that have lived in Lincoln Heights for years, some their whole lives. We have watched this happened to surrounding neighborhoods, we will not allow it to happen here.
Jeffrey Berger	90027	Community input and Transparency in transactions are the minimum requirements. I oppose the lack of Ethics.
Sarah Ramirez	90031	This housing will not benefit the people of Lincoln Heights. This is a low income community who is already suffering from the effects of gentrification. This will only serve to further oppress and displace its people. They will fac
Arthur Hale	90031	After considering the historical impact of such projects in low income areas in the past, one can reasonably assume that this project will do nothing but financially and culturally devastate the pre existing, long standing and cu
Anthony Pérez	90031	This project is of little effort to lift up the low income people in this neighborhood who are on the verge of becoming homeless, due to a surge in rent costs in the city of L.A. This project is unaffordable to almost 90% of the pe
Megan Plunkett	90026	Because I support efforts to not let LA become a playground for the rich and their developments. The City's history can't be erased any longer. LA is for the people
Darlene Olivarez	91802	Preserve Lincoln heights. Stop the removal of affordable housing.
Suani Garcia	90032	I don't support gentrification in my neighborhood.
Monica Alcantar	90031	NO TO GENTRIFICATION!!!!!
Jeselle Gomez	90032	Stop taking housing from low income communities! Invest that wealth in the community NOT GENTRIFICATION!
Marlen	90032	GENTRIFICATION
junior amezcua	90026	fuck gentrification
Josephine	90031	Our rent will be higher
Samuel	90004	No to luxury apartments on our neighborhoods
Maria De La Cruz	90003	I oppose this project because this is not for the community's these will be use to gentrify the community and slowly push away people that been living there and it is not ok .
Viviana	91042	Projects like these leave less homes for poverty stricken families, gentrify communities, and leave less room for POCs.
Belen	93309	
Nicole Corona	90031	Gentrification has impacted low income communities of color for far too long. This new development will cause a negative domino effect on our community; it will increase property values, thus rendering low income families
Kate Stewart	90042	We need affordable and green housing. Keep people in the homes they have. Lining the pockets of developers.
Carrie Cook	90031	Too many units and not enough dedicated affordable housing
Maria Alvarado	90026	STOP GENTRIFICATION!
Alexsa Durrans	90031	This will cause displacement and harm for so many families and people who have lived in the area for generations. A resident myself I have seen and also experienced the displacement first hand. It is terrible and must stop. T
Noelia	90031	It is not fair for the residents that have been living in this community for more than 20 years. Gentrification is real and it does not benefit the low income families. These luxury projects should be built in communities where mo
Noelia	90031	It is not fair for the residents that have been living in this community for more than 20 years. Gentrification is real and it does not benefit the low income families. These luxury projects should be built in communities where mo
devika wickremesin	90031	we dont need luxury development we need community support
Anahi olivo	90023	
Diego Trujillo	90031	This will displace more long life families away no low income housing what a shame
Celista Lopez	90031	The current residents of Lincoln Heights matter! If they get evicted families will be homeless!
William Jamaica		Because it is gonna skyrocket rent and kick the working class people out thier homes
Elliot Shaffer	90065	Please preserve one of the last truly diverse neighborhoods in LA by NOT APPROVING this project. Additionally the traffic congestion brought by this project will make this area and surrounding areas more dangerous and pro
Nicholas Lowe		It displaces people and brings in outsiders to a community and disrupts the neighborhood. Los Angeles needs more affordable housing and services for the community, not more luxury condos.
Marc garcia	91803	The incoming generation of Lincoln heights residents seeking housing as they move out of their parents homes should have reasonable and affordable access to housing in the neighborhoods. This project won't tend to the n
justine robles	90039	people will loose their homes. it wont help the community and the people that already live in the community. its not right
erni walker	90031	this is gentrification at its most obvious and dangerous. it will disproportionately affect POC in our neighborhood and un-house families
Blanca	90065	This will continue to disproportionately push out the people who already live in the area
Abby Janto	90027	Will lead to overcrowded parking. Does not serve neighborhood
Jessie Licon	90022	Because there was not enough community input, they are marginalizing us people of color
Benni quintero	90002	I don't want to see more Black and brown people displaced
Karla O Juarez	90031	It's erasing our culture, and community. Pushes for more gentrification and it's allowing for displacement of our people.

Ian Byers-Gamber	90041	High rents will promote furthered gentrification, while not enough parking in the structure will have a huge impact on an already impacted neighborhood street parking situation. Los Angeles needs affordable housing NOW not luxury developments.
Angel Alvarado	90038	I stand in solidarity with those living in Lincoln Heights. The violent gentrification going on especially right now during the COVID-19 pandemic and Black Lives Matter movement is especially heinous. The people of Lincoln H
Valerie McCann	90065	
Lisa Del Castillo	90026	As a Los Angeles Native, from North East LA it is exhausting to see ugly, unaffordable housing ruin neighborhoods and push out families who were living there first. The gentrification causes extreme displacement and ruins th
Rachel Jones	90032	Gentrification is violence against the poor and working class, and a meeting is the bare minimum these developers could do to act with accountability.
Jonathan Cowie	90041	This is not serving the community and will only end up taking money out of the neighborhood and contributing to the displacement of local residents.
Alexander Kujawski	90065	The city needs to stop supporting luxury housing and start supporting low income housing. We have an extreme housing crisis in Los Angeles. The city council needs to stop making it worse by allowing luxury development
Xiomara Castillo	90041	I don’t support gentrification
J. Pena	90723	If the city really wants to fix the issues in our communities you don’t do it by using developers to bring in the desired demographic and kick out people who have been here for generations and made LH what it is. Gentrificatio
Magali	90018	Because gentrification is wrong
Kestrel Valdez	90065	We need more housing in our communities not more projects that cater to white wealthy individuals!
Clio Wilde	90042	This is a colossal waste of time and space and money and will be a massive displacement to the community
Marissa Sanchez	90810	They don’t need it there
Luke Forsyth	90031	1. Ugly and 2. Unfair planning process
Brandy	90033	Money should be going directly into the communities already present in Lincoln heights. This building will contribute to the affordable housing crisis, displacing families and uprooting/disrespecting life and culture.
Sophie Brotman	91030	This project will hike rent up in the area and displace local people who have lived in the area for a long time. This is intentional gentrification and should be stopped IMMEDIATELY.
Melanie Bellomo	90031	This project is a threat to the residents of Lincoln Heights. These apartments will fast-track the gentrification of our neighborhood, displacing countless residents, many of whom have been here their entire lives. The fabric of
Olivia	90012	I oppose the displacement of long-term tenants
Liz	90065	This is not going to help our low income population nor is it in the best interest of the community. No more gentrification
Arian Armenta	90039	Land development should not be approved without beginning a conversation with the community. Not only would this result in high rent displacing current residents, it continues to showcase the systemic flaw and selfish age
Fatima Nieto	91387	THIS IS FURTHERING THE DISPLACEMENT OF WHAT HAS EXISTED HERE FOR A LONG TIME JUST TO GENTRIFY IT WITH “LUXURY APTS”! THIS IS NOT OKAY
Gustine Fudickar	90027	Worrisome for current residents
Kathryn Sauma	90027	I have lived in Lincoln Heights and have witnessed the tight knit community. It is one the most intact communities in LA and does not need it’s streets becoming overcrowded from a huge apartment building that cannot supp
James Arriaga	90031	It’s not good for the neighborhood
Melissa Alonso	90031	It is a way to push out the working class
Marissa Soto	90032	Gentrification is the erasure of black and brown communities, the erasure or our culture and most importantly it is the erasure of fellow Angelenos like myself who call this area our home. Gentrification needs to stop or else in
Samantha Shay	90026	This means the destruction of an already important space for our community.
Christopher Garcia	90034	New Luxury Apartments will displace those affected by Novel Coronavirus job loss
Janine Alburo	90033	fuk gentrification!
	90031	I don’t want anymore gentrifiers in Lincoln heights.
Jennifer Bobadilla	90255	I oppose evictions.
Natalie Saenz	90032	
Kloe Galindo	90032	468 new apts is unnecessary!!!
Richard Ramirez Jr	90032	
Miles Brenninkmeije	90031	The city of Los Angeles is facing a housing crisis as a direct outcome of developments such as these. WE DONT NEED LUXURY UNITS WE NEED AFFORDABLE HOUSING. This is disgusting that the city is run by money fro
Gabriel	90032	
Bianca argueta	90007	Gentrification!!!
Destinee	90031	It will displace people who live in the community, it will affect the community by bringing the rich class over here to an old community and taking over
Leticia Maria Muro	90065	Lack of affordable units and increase in surface street congestion.
Joyce	90031	No to gentrification
Annabelle Quezada	90302	The wrong kind of resource into the community
Danielle	92101	More affordable housing is the key to improving California communities, NOT luxury apartments.
Victoria Pierce	90034	
Breeann Rapan		This community needs to be heard.
Elizabeth Miller	90012	It will dismantle the creative, cultural identity of Lincoln Heights
Lucas fracher	90026	This is a politically corrupt development
Alexandrea Piraino	93535	I grew Up in north east LA and lived there 33 years of my life. Due to all the luxury apartments/condos and gentrification, I was Forced to move away from my own home town last year. I am Happy to have the town uplifted a
George jackson	91744	Grew up in Lincoln heights ave 21. It’s always been a area where low income families can raise their children in a safe relatively affordable environment and it’s why the community has been able to be self sustaining with little
Gen Dur	90031	More traffic. Changing community
Alin	90032	It’s a dumb project
Paulina Amador	90065	Why are we building a “luxury” complex when are people within the community are struggling to stay in their homes and not get illegally evicted!! There was also no sort of communication about this to the people living here!
Sam	90065	There must be community input on a project this large. What needs does it serve and does it serve them for the community of Lincoln heights or for gentrifiers and profit?
Rogelio Chavez	90031	No on gentrification
Safira Patel	90033	LA city planning should be working on concrete ways to promote growth and invest in the current population and community, rather than adding 500 new LUXURY units to the community.
Shirley Guzman	90032	This building will feed into gentrification and the displacement of Lincoln Heights community members!! The community did not ask for this and we don not want it!
Anastasia	90041	This will displace many from their home town. Not good for the hood.
ian	90032	no one in the community was consulted... pushing development forward in the midst of city hall’s pay to play scandal... displacing neighbors for LUXURY APARTMENTS???? they should be ashamed
Isabella D’Agnenica	90031	Born, raised, and currently living in Lincoln Heights, I want to ensure that my neighbors and my own family are able to continue to live safely and affordably in our beloved neighborhood.
William park	90033	Build affordable housing.
Brittany	90301	In much of LA you’ll find luxury apartments but you’ll also find a large population of homeless folk. I live in Inglewood and we are battling a transition of gentrification and resident displacement. I’m signing this petition to help
Creighton Baxter	90031	Lincoln Heights deserves better than ugly condos. We deserve accessible living spaces for the workin class communities already in Lincoln Heights.
David Amaya	91754	Poor communities always get the short end of the stick or nothing at all.
Niamh	90039	
Selena Ortega	90031	This project is not geared towards helping resents reside there and there has be ZERO community input or involvement
Téa	90065	
Sadie Spezzano	90042	Further erases communities that have been continually uprooted and pushed out due to gentrification, this apt complex will hurt the community
Annabel Shabestari	90717	The lack of community involvement in decision making is unacceptable. This will greatly impact the neighborhood and current residents must be consulted.
Ken	90033	I wish to see communities of color intact. Every housing development only serves the rich and the white and is directly harmful to communities which have existed in these places for years at this point. Communities of color
Mica	90027	This displaces residents.
Ashley Kron	90031	This project is a violent affront on the long-standing communities living in Lincoln Heights. Most people have lived here for 20-30 years. My neighbors grow fruit in their yards, have dogs, raise kids. A project like this would or
Sadie	90021	This 400+ units of luxury condos will displace residents while not serving the already existing community.
Janelle Reyes	90004	Large developments of luxury apartments further the process of gentrification and displacement of the neighborhood’s native community, in this case the Lincoln Heights area. This project does not serve the Lincoln Heights
Jasmine Kuo	90024	The project will displace vulnerable populations who have called Lincoln Heights home for their entire lives especially during the pandemic. The community should be involved in the decisions made about them
Rob Scharlach	90033	Fuck gentrification
Karin Nord	90031	No more gentrification! No more displacing people.
Nicole Martins-Boyt	90026	Do not build
Lucia hajek	90031	As a resident of Lincoln Heights, this “project” is extremely unsettling. Our community is not up for grabs in this scheme to displace minorities. This is our home. We’d like to preserve the community and put a halt to further g
Reyna Colt-Lacayo	94602	
stephanie loza	90279	no more gentrification

Marlon Mara-Lenob	90032	This new building with directly harm the community of Lincoln Heights, and must have a chance to be opposed.
sam s	90065	the gentrification of working class POC dominant neighborhoods, especially during a housing crisis, will only further harm the community and those who reside within in
Jenny	90026	
Amanda	90065	Keep Lincoln heights affordable!!
Andrea Mejia	91791	I oppose the gentrification of Lincoln heights and the community needs to be involved in this dialogue.
Kyle Canyon	90065	Luxury housing is not what this neighborhood needs. This project puts multi generational families at risk and threatens to eradicate this neighborhoods community.
Evelyn Beadle	91030	We do NOT need luxury apartments. Stop this gentrification and blatant disregard for the community that is already in place & opposes this construction.
Elizabeth Diaz	90042	If long time residents of Lincoln Heights can’t afford to live in the proposed project, what is the point? BIG NO to the project
Nour Iubeid	90065	Against the displacement and stripping of our community
cal kevany	90042	it doesn’t belong in the neighborhood, people never asked for this
Allynikoltchev	90065	To keep the community safe from gentrification
Paul Sperry-Fromm	90065	This will harm long term residents of the neighborhood and lead to more developments that displace residents and create an unaffordable environment
zoe	90031	no gentrification in Lincoln Heights. we don’t need luxury apartments here, especially in this pandemic. we need public assistance and services.
Amy	90031	Unfit environment for luxury apartments
Hannah Sullivan	90031	
Ethan	90031	A luxury modern eye sore of an apartment building is not what this historic neighborhood needs. Why not invest in the buildings and businesses that are already there?
Legier biederman	90031	!!!
Briana Olmos	90031	I live in this community and love it too much to let it become Just some place to visit. We deserve better than this .
Annie Brennen	90023	It displaces members of the community who are already there and won’t be able to survive or afford the gentrification.
Kevin Boog	90012	Resident of Lincoln heights that opposes any displacement of tenants/ whitewashing of the beautiful brown heritage that defines Lincoln heights.
Arrow de Wilde	90027	My family is born and raised in east la & this would completely ruin the neighborhood & a lot of families lives. Lincoln heights doesnt need a bunch of yuppies coming & ruining whats been there for so long & what many native
Valeria Garcia	91801	Gentrification anywhere is a threat to low income people. I am in opposition of this project because this building will displace low income people and will spike the rent and living prices to the point that it will become impossib
Nick Campbell	90004	Gentrification is evil
Andrea Romero	90012	We need affordable housing for vulnerable communities not luxury apartments that we cannot afford. The rich are ruining the city and ruining lives. This is violence.
NICO GARCINI	90068	it displaces low-income brown and black people and will destroy lincoln heights as we know it
Lesly palestino	90022	Because it’s wrong and gentrification will eventually push all our people away as long as we let this happen
Tyler haberkorn	90036	We don’t need more luxury condos that gentrify and kick out the people that have been living here for decades.
Solita	90004	This development will displace long time communities of Lincoln heights and was approved without the council of the community. It is blatant disregard for the people of Lincoln heights.
Delilah	90026	
Geno Sanchez	90020	Lincoln Heights needs more affordable/low income housing. Not luxury projects that will displace current residents.
Mallory Leisten	90012	Affordable housing is a human right, this development will displace many families who have lived in the neighborhood for generations. Ending gentrification begins with pausing these housing developments and asking 'Who
Karen Arechiga	91321	I do not support the community being pushed out of their own community to profit greedy investors and developers.
Brooke Robie	90031	Will further create gentrification
Lauren Crow	90031	Because it will push our families and erase history
Diana Parker	90031	Because the community was not involved in the decision and gentrification affects the health and well-being of the people in the community
Mary Salazar	90012	Leave our community alone
Sebastian schiff	90032	We need affordable housing. It housing for profit.
Claudia	90012	I oppose this new construction for its disregard for the community where it will reside. LA county is currently experiencing a crisis of AFFORDABLE housing. We do not need more luxury apartments that will sit empty or will fu
Cb	90032	Gentrification is bad.
Isabella manderson	90042	Ugly. Ruins the character of Lincoln heights
SHAY OGRADY	90041	Protect the community—housing should be affordable and for all.
Pascal Vieira	90008	Not what the community wants or needs
Lucia D'Agnenica	90031	I believe building this without the community's consent is wrong.
Germaine wimmer	90042	Ruins the character of li cool heights
Eden Fenwick	90042	Stop the gentrification of east/northeast LA. Luxury developments like this displace POC & BIPOC who have lived in the community for generations.
Ricky	90026	
Victoria Cuan	90023	Developments such as this push local communities out and increase gentrification, thus increasing cost of housing and living for working families who have lived in these neighborhoods all their lives!
Veronica munguia	90042	We need sustainable and affordable housing. This project will directly negatively impact local residents and increase displacement.
Krista H	90065	Because it’s the largest land development in Lincoln heights, and do they really need to destroy and displace another neighborhood? Are we trying to move more people to LA during a pandemic? The numbers here are so hi
Lisa Hoxter	90042	We need affordable housing not luxury condos.
Megan Rose	90031	This project will cause displacement and will further escalate the gentrification in Lincoln Heights.
Sophia boli	90004	This isn’t helping the community. I used to live in this part of town and I loved it bc it was u touched by gentrification and still felt like real LA
Guinevere Alcaraz	90012	Because the building of luxury apartments higher the cost of the neighborhood which in turn raises rent which pushes black and brown people out of their own homes. This perpetuates a system of capitalism and generationa
Jenny Sotelo	90031	A project of this magnitude will forcibly evict And displace an already vulnerable community, putting thousands at risk.
Khalilah	90031	We must protect and preserve our community. The project does not do this. It is ugly and will be affordable
Adam Green	90029	Gentrification kills and the community of Lincoln Heights clearly opposes this gaudy, supremacist new development.
audrey leshay	90027	this is gentrification at its worst, and by fast tracking it during COVID the city is taking advantage of its community members. no new developments unless they are low-income housing or housing for the unhoused, and no ne
Matthew Brush	90010	for the reasons listed. Los angeles does not need luxury housing—we need housing that is affordable and accessible to everyone who needs it.
Amelia DeFosset	90012	
Emily	90042	We are in a pandemic, the last thing we need is more unaffordable housing in a neighborhood that has already been rapidly changed
Vanessa Riegel	90029	No displacement!
Jane moseley	91352	Gentrification is an exploitative offense committed against communities of color.
Renee Ramirez	85338	I had to move out of my home in Boyle Heights and Highland Park due to gentrification and now to see this happening in Lincoln Heights is heartbreaking. Knowing the friends and family who live there will not be able to affor
Miller Robinson	90031	Luxury condo/apartment buildings like the one that is being planned with displace current and long standing residents of Lincoln Heights. These new complexes will drive rents up and absolutely do not service the community
Ahmed	92091	Disrupting the areas heritage and inhabitants for capita
Sage Sherlock	90031	We don’t need ugly gentrification condos going up, without care and style, just so some corrupt real estate developers can make easy money off of “an up and coming neighborhood.” It’s unethical and displaced people who
Cristobal Chimil	90033	It's a horrible thing for the community. Lincoln hights doesn't need it.
Marc Babcock	90027	This is a family neighborhood and one of the few affordable neighborhoods in the city. We must protect neighborhoods like this at all costs.
Brenda Llamas	90031	The project perpetuates gentrification and normalizes/ spreads the displacement of BIPOC
eden	90027	we don’t need more luxury apartments that are inaccessible for the community we don’t need more landlords intimidating and causing violence to the community this is NOT IT!!!!
Allyn Iwatsuru	90031	This will ruin a historically significant neighborhood for a multitude of reasons
Raul Vasquez	90031	I oppose the project because rents in the area are already out of control. People who have lived in the neighborhood for decades are being priced out by uncontrolled rent increases and heartless landlords and groups capital
Wesley tsai	91801	Gentrification
Ben Bruker	90029	The people don’t want it
Remy Smith	90020	This project will displace low income families.
Gwen Hollingsworth	91108	This project is another example of gentrification that will only harm and displace the majority minority and working class community of Lincoln Heights. It is highly unethical and violent and I oppose damaging this community.
Heaven Aguilar	90012	There are better options to utilize the vacancy than building luxury apartments and slowly eliminating the cultural diversity in Lincoln Heights.
Lauren	91602	
Laura Mulleavy	91106	We need to support and protect our neighborhoods from housing that does not benefit its current city residents.
Conor	91381	Because gentrification results in the displacement of our community members

Jesse Hoffman	90004	Because it harms an already struggling community and will further isolate long time residents from keeping housing.
Fátima Ramirez	90031	We need affordable housing not luxury apartments.
Yarden Erez	90019	
Simone	90026	This kind of development project is one of the most permanent / final stages of gentrification, pushing out the community that created the neighborhood you cruelly and carelessly erase and paint over with soulless whiteness
Esmeralda	90032	It is a threat to the preservation and culture of Lincoln Heights and citizens. Gentrification is pushing out residents that have lived here for over 20 years.
Crystal	90033	We like our community as it we just improvements to already existing problems, we do not need more gentrification
Claire Redman	90042	An extremely luxury development is antithetical to the community already residing in Lincoln Heights. To take away so much potential housing for the working families of 90031 is morally bankrupt and it is WRONG. More thar
Lucian Buscemi	90026	Housing in LA is becoming unaffordable for many residents and this will probably make it that much worse. Plus the building would be an ugly eyesore
Xia Jimenez	90039	Gentrification and the building of these complexes is an act of violence I have seen forced into my neighborhood and communities that I would not wish on others.
Zoë Lappin	91344	As a born and raised Angeleno, this kind of development threatens the way of life and wellbeing of my neighbors. To continue to build luxury complexes, that are exempt from rent control, is to ignore the reality of the people
Gracie gray	91320	Gentrification of this community is actively displacing those that were here first.
Snow Martin	90068	End the displacement of local non white los angeles residents for profit! this is wrong and has to stop!!!
Alexis	90033	Luxury apartments are not for the people of the community
Jackie	90033	Let’s not gentrify our neighborhoods.
Anaiah	90042	Gentrification is VIOLENCE
Katie Herrera	90042	Stop destroying our communities, take your “luxury apartments “ to the South Bay.
Nick Angelo	90041	Setting a continually destructive precedent for the erasure of historic neighborhoods and the continual displacement of longtime working class residents
Arlin Alger	90042	I oppose this project as it will displace many long standing community members in the near future.
Arlin Alger	90042	I oppose this project as it will displace many long standing community members in the near future.
Jesse Sappell	90042	
Kace Colwell		
Kace Colwell		
Ross Chait	90042	This is not in the interest of the community that brought this neighborhood up. This is in the interest of people who do not care about the community.
lena hindes	90041	gentrification, ugly, dont need it, need affordable housing and community led projects
Jasmin palacios	90032	I am tired of families and la natives being pushed out of their neighborhoods due to skyrocketing rent and irrelevant businesses. This neighborhood does not need coffee shops, little boutiques, or expensive ass apartments tl
Daniel Ray Bengsto	90031	
Nadia Gallardo		It is unnecessary construction and it is not keeping the community’s best interest in mind.
McKinley	90026	To Stop gentrification and illegal evictions
Gianni	91505	To prevent the further displacement of people in the area
Dinah	90031	I oppose the project because in the end many people are going to be displaced with the cost of rent going up.
Trevor Neuhoff	90211	These developments change the shapes of entire communities. If they are going to trey and put it in this neighborhood they must have a public discourse with members of the community at the very least. Especially during a
Robert	91206	I strongly disagree about this project. I feel it’s unfair for the local community and this will heavily affect the area’s rent control. Gentrification needs to be stopped. If this project continues, many more will come and many fami
Michael Keehan	90031	Nobody wants this shit building in the neighborhood
Paloma Maisonet	90068	I oppose the project because gentrifications commonly displaces communities of color, like the community in Lincoln Heights, and I don’t want to see that happening in a place where I formally lived.
Martin Tzonev	90065	Its evil
Catalina Bulgach	90029	GENTRIFICATION
Alexandria Gradillas	91801	Community displacement
Kelsey	90042	Not right!!! Gentrification!
Ariel		
Katia Amador	90032	I’m all for improving our communities but this project seems to be taking advantage of that, so for that, I oppose this project.
Karen Law	91030	It will not serve the needs of the community unless it’s 100% truly affordable meaning 100% of the units are rented at ELI (extremely low income) and if the property is restricted to an affordable housing covenant to keep it af
Steven Schaefer	90814	As the oldest neighborhood in Los Angeles, it is vital we keep its historic touch and keep the residents living here who’ve called this sector of LA home for numerous years. This is a pure example of profit over people. This de
Liana May	90065	It is ruining the peace of the neighborhood and causing pollution . And it is taking away from the community has been there forever.
Senia Iniguez	90042	It’s a threat to the community because it promotes gentrification
sara mcgrath	90027	
Stephanie Rodrigue	90042	This is NOT what the community needs or wants! It will only work to further gentrify north East LA.
Alessandro	90028	Because these luxury projects are agents of displacement that destroy communities and offer little in the way of meaningful affordable housing or servicing the actual needs of the community that lives there
Gracie	90026	for displacing locals and ignoring the demands and needs of those indigenous to the lincoln heights community
Jake Hjortland	91101	LA needs affordable housing now! The city needs to respect and preserve working class communities. Housing is a human right. LA does not need another hideous building full of vacant, luxury apartments towering over unh
Nataly	90031	We dont need luxury, we need affordability!!
Anna Ramsey	90068	
jack lutsky	90045	no to gentrification in lincoln heights and to the displacement of the working class latinx individuals and families!
Danielle Garciano	91107	Stop gentrification and keep affordable housing!
Kathrina Lorenzo	91311	These developments displace life long residents of the neighborhood all to profit and make housing UNAFFORDABLE. Enough is enough. No more gentrification.
Kimberly Figueroa	90042	It is an unnecessary project that will do more harm to our community
Eavan burke	90274	
Gissel Gonzalez	90042	The community doesn’t need it!!!!!
Bri Cee	91911	It will displace locals from their homes and strip them of their right to affordable housing.
Jacob	90028	I would like to move to LH and a development like this robs the neighborhood of what I find desirable
Aimee	90031	They didn’t ask me
Angelina	91502	No gentrification
Thorson Munoz	91722	This project is detrimental to the livelihood of the 30k of Lincoln Heights; the completion of this project will result in major displacement and homelessness for residents of Lincoln Heights, many who lack the financial means t
James Cherry	90019	its too expensive for this neighborhood its displacing life long residents who are mainly poc, so its removing the cultural significance of this area. This is actively going to increase the cost of living for the area and push out lo
Evan Burke	92104	This will push longtime residents out through gentrification.
Kim Cuevas	90011	Because Lincoln Heights has been one of my families many homes and, it would be a shame to see it disappear.
Samaria	91780	I don’t want families to be evicted from their homes during a pandemic, this is horrendous and evil.
Julie	90031	We’re aren’t getting a say in our neighborhood.
Shannon Sullivan		Moving forward with this project is essentially moving forward with contribution to LAs already large housing crisis.
Chris mathis	90042	It’s fucking horrid and would bring more gentrifier trash to the neighborhood
Mia Fernandez	91103	Even though I do not live in Lincoln Heights, I have lived in communities that have been gentrified—my dad is currently homeless due to forced eviction to build luxury homes. Gentrification is violence. For these communities
Van rosales	90004	Gentrification is genocide and this project will directly affect the Black and Brown community of Lincoln Heights
Daria Solovyeva	90019	Gentrification of lower income/ historic neighborhoods is incredibly detrimental to the lower class people and the already suffering communities that’s plummeted in evictions. The people of Lincoln heights are being illegally e
Benjamin Harper	90042	Enough gentrification! Let people keep their neighborhoods and communities instead of cramming personality-free, overpriced houses everywhere.
Bailee Cowperthwai	90026	Affordable housing
talin	91106	theyre erasing the culture
Jackson Crites	90031	This project will drive up the price of the neighborhood that consists mostly of renters, causing displacement. I oppose any and all luxury developments especially in working class neighborhoods.
Elizabeth Estrada	90640	it’s genocide to the community
Noah sharp	90066	I oppose the project because I have lived near Lincoln heights and have valued the authentic culture and found beauty without the need for luxury condos. It’s easily one of the last & best places in the city that isn’t so capital
Lizzie Rutkevich	90024	A gentrification project of this magnitude will do nothing but tear apart the Lincoln Heights community by displacing residents whose families have lived there for decades and established the local culture. The community of L
Aileen J	90032	I oppose this project because I believe that there is an over crowding in LA and this does not help. This also makes living in the area harder for people and families who have resided in this area for years, no one should be sul

Kimberly Rodarte	90011	This is a home to many and it shouldn't be gentrified. White people already have so many other places they could choose from. WHYYYY OUR STREETS?
Ivy	90032	Overpopulation
nikki houston	90031	lincoln heights is beautiful the way it is don't destroy it with harmful gentrification investments
adan	90042	North east la has undergone extreme gentrification starting on York, and expanding to Figueroa and even more areas. The disease of gentrification is what drives communities apart while actively driving out residents who've
Hayley Shore	90065	Gentrification / ruining the neighborhood
Corinne Dyson	91104	This project aims to displace the community, not serve it. I've been a resident of Lincoln Heights and believe the city's no. 1 priority should be investing IN the existing community of historically disenfranchised people.
Gabi Rudin	90029	Affordable housing needs to be built. We don't need more luxury apartments. LA has a homelessness/housing crisis
Valeria luna	90001	We need to end gentrification
Ariana Delawari	90031	Gentrification is hurting so many people
Paulette serrano	90006	
Nicholas Orenday	91803	my friends and family live there, and i want their neighborhood to be alright
Sasha Barron	91042	it's the gentrification of a highly culturally saturated city of families and citizens that are struggling to even make a living enough to live there. Projects like this and other possible future ones will eventually raise costs in the co
Samantha	90012	Communities need affordable housing not more gentrification
Jenna	90029	Luxury apartment complexes displace people of the community who have been there long before these projects are erected. They raise rents, force businesses to close, and eradicate neighborhoods. This will disproportionat
Arthur Cooke	90026	i have friends and family members who live in lincoln heights and despite my relationship to the area any and every community should be funded from the roots and grow organically and collectively. this project is gentrificati
Karina	90012	I live next to Lincoln Heights and this affects and displaces my community deeply as well. We must stop gentrification which is modern colonization by rich folks who don't care about community and working class people. W
Sterling Wells	90042	This development will displace long-time local residents and make people homeless.
Melissa Vega	90033	It's taking away potential for affordable housing in the community. It's an eye soar
Abigail valdez	91103	
Ted Davis	90042	There are enough gentrified parts of LA to build this complex in already. Don't turn Lincoln Heights into the next Echo Park. Preserve the affordability and heritage of a historic and diverse LA neighborhood.
Natalie	91730	Gentrification kills
Aram Vanerian	90031	Raising rent prices, pushing families out
Nicholas Santana	90004	Community don't need it
Migdalia	90031	no
Iran flores	90031	It will start raising up rent around and in Lincoln heights and that doesn't benefit that actual ppl who live in this small city
Tiffany Virgen	90201	Yes I oppose, no to gentrification
Isabella	91754	
Heather Harris	90026	Because building huge monstrous building is encroaching on a community that does not need this build a city park or something that helps the community not hurts it!!!!
Valentina	90032	It will create more displacements and illegal evictions
Daisy Galindo	90041	This project would dismantle the neighborhood for low income families. We've already seen what developers have done to surrounding neighborhoods like highland park. We must support low income communities now more
Benjamin Vinkovic	90041	Gentrifications, and rent cost. People should not be shoved out of there neighborhoods for apartments for the wealthy.
Ashley Sanchez	90065	Will kick out low income families
Ryan watts	90031	stop the gentrification and extermination of one of Los Angeles first neighborhoods, allow those who were born/grew up here remain and be able to use their rights and freedom to maintain/establish new businesses and con
Jasmine	90031	These luxury apartments will most likely be unaffordable to those who would typically be able to afford to live in Lincoln Heights. There's a chronic homelessness issue in Los Angeles. We should work on housing the homeles
Jasmine	90031	These luxury apartments will most likely be unaffordable to those who would typically be able to afford to live in Lincoln Heights. There's a chronic homelessness issue in Los Angeles. We should work on housing the homeles
Julia yerger	90031	The development will lead to gentrification, which will lead to displacement of long time residents. The community must be heard and their lives taken in to account.
Karina	90042	fuck these transplants
Joseph	90042	These landlords/tenants trying to get rid of people of color
Izzy	90032	There has been no conversation with the local residents
Martha Rayo Osuna	90640	I am against the displacement of black and brown communities. This should be turned into affordable housing instead.
Amanda Brown	90031	It's displacing Latino and black people!!!
rachel mcgovern	90026	genrefication
Janelle Snyder	90031	This project would completely destroy the integrity of our neighborhood and would displace many. Gentrification has no place in 90031, no resident wants this!!!
Yazmin Escamilla	90033	
Audrey Harrison	90012	I oppose the project because we need to protect our communities especially communities as diverse as Lincoln Heights. Gentrification displaces the people who made these neighborhoods great and takes away their home
Sarah Veyna	91107	There needs to be actual measures to protect the poor POC communities of Pasadena, not displace them.
Joanie aguilar	90065	It's taking from the community
Soleil	90291	No gentrification
Juan Carbajal	90065	I have grown up near Lincoln Heights my whole life. Watching it become overrun with new developments and businesses while simultaneously displacing countless community members is not right. This proposed project wo
Andrew Lane	90024	In the midst of a global pandemic that is devastating Los Angeles and disproportionately affecting our Black and Brown communities, is the worst possible time for us to gentrify Lincoln Heights and displace its BIPOC and w
Andrew Lane	90024	In the midst of a global pandemic that is devastating Los Angeles and disproportionately affecting our Black and Brown communities, is the worst possible time for us to gentrify Lincoln Heights and displace its BIPOC and w
Andrew Lane	90024	In the midst of a global pandemic that is devastating Los Angeles and disproportionately affecting our Black and Brown communities, is the worst possible time for us to gentrify Lincoln Heights and displace its BIPOC and w
Marley McMahon	10011	Protect the people
Lauren Kim	90027	The community could use a number of things before even thinking about building this. This also will send rent prices up for people who already are living paycheck to paycheck.
Sabrina Strausbaug	90005	I do not support illegal evictions or gentrification
Benjamin Kujawsko	90031	
a	90038	
Maya Abee	90032	The city of Lincoln Heights would not benefit from this development. It is not in the community's best interest and that needs to come first. I have grown up in El Sereno, in close proximity to Lincoln Heights and I have watche
Ted Gerike	90012	This development will tarnish the neighborhood. We need affordable housing, not luxury condos.
Sarah Veyna	91107	Correction: Because the displacement of low income POCs needs to stop in Los Angeles.
Cindy	92782	Development should not be a top-down decision making process. This project will affect those living there for the rest of their lives. Please do not impose another burden upon this community especially during these trying tir
Julia Garder	90065	We need affordable housing not luxury developments
Jenelle Smith	90017	it will push people out
Lauren Dunn	91104	
Maria-Elena Kaser	92649	I oppose all forms of gentrification and displacement of citizens who have no reason to be kicked out, especially when the only reason is greed.
Amanda Kwong	91770	
aaliyah	90032	it's that right
Dorrin	90024	Screw gentrification
Cole Prentice	90027	Gentrification
Adam Baldwin	90065	We do not need more high income housing in Los Angela's let alone on this side of town. These buildings are getting built all over the city. No one even moves in, and we're left with an empty eyesore that causes rents to rise
Jason torres	90601	Quit gentrifying our city.
Aaron Minardi	90042	The increasing number of new developments without rent control will continue to push people out of their neighborhoods. LA doesn't need more luxury apartments we need leaders/laws that care about our citizens!
Pablo Garcia	91801	Luxury condos and gentrification is not what the community needs. Not 400+ of them especially. Why is that the biggest project the community has gotten, and why has it been hidden/fastracked during covid?
Ryan moore	90031	It does not support the existing community, and would lead to further gent ification the the mixed class working neighborhood
Lawrence Luna Jr	90601	We must preserve and rejuvenate our Los Angeles neighborhoods rather than forfeit them to gentrifiers that displace families who have called this home for generations. Im disgusted and appalled that the city sped this proje
Leslie Zamora	91324	I oppose this project because gentrification rises prices for the people who have been living there. By building this department it is erasing the culture of the community.
Donajy Baez	90026	fuck gentrification
Crystal Gomez	90042	Because people within the community deserve affordable housing.
Sam Sweet	90031	Developers need to be checked by the people whose lives they affect. Residents of LH have a right to be heard and as a resident of Highland Park I'm ready to push back on their behalf.
Antonia Oliver	90019	These developments will drive up rent costs for surrounding residents who have lived in Lincoln Heights for a long time and deserve to have their voices and needs prioritized over profits for people who don't even live in the

Joanna Ewing	90065	Gentrification kills
Carlos	90041	
Mila Ryder	91604	This project poses a massive threat to neighborhood families and their housing!
Valerie Moreno	91709	
Ronda	91803	
Harmony tividad	90068	Protect lincoln heights
Chris Sirney	90039	Fuck rich people trying to fuck over local economies so they can make more money. Also the buildings will ruin the look of the city
Christina cooney	90029	These buildings are ugly and do not promote community. They do not blend in with the existing community.
Marijayne Cortez	90640	There's no need to raise rents and push people out.
Jenna	91106	The community should decide whether or not to have such a large "project" take place.
Rachêl Barocio	90022	Because it puts people who are at risk and marginalized in a compromising and displacing position. It’s unethical. Entirely unethical.
emylou	91791	I oppose the project because it will negatively impact the current residents lifestyle, culture, and neighborhood.
sierra	90042	gentrification is wrong!!!!
Sophia Negrini	91755	Because you will make everyone who lives in Lincoln heights become homeless
Veronica Martinez	90033	I do not support gentrification
Francesca L	91103	Preserve communities in Pasadena. Also the build plan looks ugly as fuck.
Kristi Stuart	91505	Gentrification kills
Andrea Regino	90032	Because people shouldn’t be kicked out of their homes to make room for people that can afford “luxury” apt. Stop gentrifying.
Charlie Powers	91702	Bullshit gentrification will ruin the community.
Amanda Straws	90031	Direct threat to our community
Julian garcia	90031	This project was never brought to the attention of the residents in lincoln heights. And as a resident of said community i feel disrespected and taken advantage of by such a huge project being started in the community with o
Aaron Sperske	90068	I oppose this project as it destroys the culture of Lincoln heights and displaces long-standing community members.
mach burgess	91001	Gentrification is violence.
Valeria	90255	This is will displace residence and cause risks to them.
Katherine montgom	90042	Project is out of scale with the neighborhood, also does not offer enough low income housing.
Marissa alanis	90033	We need to conserve our communities and do what’s best for the people not politicians.
Amber perez	90032	We dont need anymore complexes or housing units. Families are already struggling to make ends meet as it is.
Paige Arevalo	91106	Use that money to support the people and community who are and have been there!
Jennifer Gomez	90019	It directly impacts then cost of current low income housing as well as gentrifies a neighborhood rich with cultures . It is a direct attack of POC communities
Kelsey Reckling	90031	
Nick	91204	a 468 unit luxury apartment building will destroy the neighborhood of Lincoln Heights and will drive out life long residents of the neighborhood. There is too many empty ‘luxury’ buildings near by, its not necessary at all. Fill th
Zaira	90032	Why make people suffer ? I’m here to spread awareness of what’s going on.... we’re here to help the communities not separate and make people angry.
Fiona Baler	91786	It does not put the people of Lincoln heights first!
Phoebe O’Connell	90046	Although I am not from Lincoln heights I was born and raised in Los Angeles. In my lifetime I have seen rapid changes across the city, changes that cater towards modern poorly constructed buildings with retail on the first flo
Christopher Pecaro	90031	
Jade Mena	90032	The well-being of the community
Pablo Saravia	90031	This is killing the culture of Lincoln Heights. We refuse gentrification
Wesley Doloris	91364	The project is a slow/ (not so) subtle push-out of a community.
Madison Snaric	97128	
Lizbeth Figueroa	90026	Tired of Los Angeles getting expensive and gentrifying our homes for only the wealthy to enjoy. Kicking out generations of families to move somewhere else
Dustin Stafford	90048	Don’t gentrify the neighborhood
Margo Gutierrez	91711	Stop gentrification! Stop capitalism!
Savannah Garcia	90031	NO ! No parking will be insane. Don’t need it
sophie	90232	
Brenda	90032	
Cristina Estrada	91770	I oppose gentrification and homes that are not affordable for the local community.
Rocco Rivetti	90065	Build affordable housing for communities not luxury displacement
David	90405	
Isabella Van Ranzov	90031	Large scale developments enable gentrification and the displacement of the people of this community. Licoln Heights will not be another York Blvd for politicians and developers to profit on the disenfranchisement of actual c
thomas	90292	NO BENEFITS, ONLY CORRUPTION
Jennifer	90057	It is going to ruin the neighborhood.
Christina Perez	90063	I live close by and I do not want luxury apartments to displace the community.
Nicholas Murphy	90017	Stop building luxury apartments / condos. Stop the displacement. Shady business deals, shame in Gil Cedillo
ruth	90032	lincoln heights is already beautiful as it is!!! leave it alone!!!
Alice	91803	Luxury units are unnecessary and will cause hardship and trauma for LAs most vulnerable. We do not need anymore empty luxury apts for business men to use as a tax scheme.
Allegra Samp	90405	
Alli Menscher	90042	The absolute last thing any community needs in these trying times is a new luxury apartment building. How about a community center or garden instead?
diana	91340	wrong
Katja Farin	90041	I oppose the project because the new development has to be for the people that live there not for gentrifiers coming in. Also the city/residents should have a voice in huge developments in their neighbors hoods.
Miranda Palarea	90031	There’s no need to gentrify Lincoln heights
Dominique Flores	90042	Gentrification is violence to those who live in the community. Building new apartment complexes like this pushes out locals and forces them to relocate in neighborhoods they’ve lived in their whole lives. Prioritize the people
Samantha Eddo	90033	This housing project will force long time residents out of the area and encourage developers to infiltrate Lincoln Heights. We can not afford to lose any more historic LA neighborhoods to gentrification, and the stewards of thi
Evelyn	90631	The gentrifications of our cities worsens inequality and displaces families. We need affordable housing, not housing to raise the already criminal rent prices.
Lauren	90031	NO MORE GENTRIFICATION!
Gage	91506	It is wrong and nobody has asked the residence if this was okay
Melina	90032	Leave Lincoln heights alone!! This thing is atrocious and inconsiderate of the existing community
Jaime Bravo	90255	No luxury living should be established in underserved, redlined, low home-ownership Lincoln Heights. Where are the affordable renting units for singles, students, and ex cons? Is there opportunity for community dialogue pri
Megan	90041	It will displace people living in those neighborhoods
Kaylah n	91801	Gentrification
Noel	90031	I have been a Lincoln heights residence all my life. We do not need this fancy apartment complex just so more people can come into our neighborhood and eventually kick us all out . I do not support this gentrification.
Lauren Hanna	91730	Because gentrification is violence
Palentina Lam	91775	
Skyla	90032	No gentrification
Mario Muruato	90031	The inner city does not need this attention it was cause chaos with the entitled new people
Kimberly	90063	Action is being made without asking what the community thinks.
Maggie young	90031	This kind of developement is Gentrification. Gentrification is white terrorism. Abolish developers. Abolish greed. Abolish white supremacy.
Deyssi	90026	
Izabella Espadas	90031	I do not support the gentrification of my neighborhood
jalen williams	90063	we dont need our city gentrified
Nathan Ward	90042	Renters all over NELA will be impacted by the effects of gentrification. This project is the worst example of intentionally pushing out low income residents and a neighborhoods culture.

Christine Whitney	90042	This project will destroy the character of the community and will be a huge catalyst for gentrification. We want more affordable rent not displacement.
Julianna Sy	90031	I love my neighborhood and all the people living in it now - everyone that i know here is middle class / lower middle class, and a luxury apartment building would devastate families and communities that have been here for ge
Jack Hjerpe	90028	
Naomi	90031	Black people + People of Color in LA are being left no where to go because of the gentrification that has kicked them out of the neighborhoods they grew up in. I live in Lincoln Heights and have noticed that the cost of living
Dulce	91942	This is gentrification
Myrka Santana	90063	This building is being built to erase the commuting of Lincoln Heights.
Naima	91801	
Semilla marquez	91950	gentrification destroys our communities and culture
Angelic Montes	90018	
Jaya	91604	
Gina	90031	
Edward De Jesus	90004	To protect the community and to keep the heritage of the area alive.
Kevin Dixon	90065	Huge multi family developments are an eyesore, and will displace residents who will be unable to afford the luxury units being proposed
Alexander Arellano	90031	Rising cost of living expenses in East LA push the native community out. Building such a large structure would contribute to this at the expense of the community.
Ruben Galindo	90032	Will eventually lead to rise in rent in area and move families out of the neighbors
Shelby	90027	Because it's gentrification and it affects mostly people of color who are low-income. The city does not need more expensive homes. What we do need is to provide housing for low income families and the folxs who have live
alison kafka	90031	lincoln heights is a historic neighborhood that does not need any more unnecessary gentrification! stop pushing rent up for residents.
Carlos Reyes	90031	Unfair against local renters and business owners in the area.
Bee	89183	GENTRIFICATION
Pilar Wong	90041	Gentrification is constantly portrayed as "improvement" and when people see projects like this they think "we need more housing so that's good" but they don't understand that it's doing the exact opposite. It's taking a comr
Shannon Pollak	90056	This neighborhood as well as any will not benefit from over priced apartment complexes of which, due to already strong racial and economic wealth disparities, displace residents more than they house them. Those involved resources that serve the needs of the community they know and care about. This project is not welcome here.
Jacob	90031	The gentrification of our historic neighborhood
Julianna Lopez	90065	To stop gentrification and overpopulating underfunded and under resourced communities during a nationwide pandemic!
Ron Noval	90015	Stop harming poor people.
Jacob hinojos	90031	Because I love how our neighborhood
Maya Lee-Morales	91103	It would be devastating to all the residents that live in this area already with low income.
Jackie Q	91776	
Kitty Perez	90069	El espacia es debe de ser para la gente de Lincoln heights
Mai sir Wong	90041	Don't let this happen again. This happened to highland park and it can't happen again. It's downhill from here. Fuck gentrification.
Angelica Vargas	90031	This area is very populated as is and with this construction it will not only affect the Elementary School environment across the street where I yousto work at before but to the area around itself where it's hard already to find p
Sabrina	90031	A threat to the community- the people who have grown up here and lived here their entire lives!
Bjorn Rojas	91604	People should be making these decisions within their community, this project will affect all of their lives and the people in charge wont have to experience that. Its inherently wrong
Valeria Hernandez	90031	I'm a resident of Lincoln heights and live right down the street there is enough traffic here every morning apartments would make it way worse go build fancy building somewhere else us people who have lived and grown up
Alejandra Arevalo	90031	This city has members that have created and cultivated a community of people that have been around for many years. It is completely rude to try to implement this without even having a conversation with the members of thi
Danielle Allianic	92606	Please do not gentrify this area.
Stevie ochoa	91790	Very simple. This is gentrification.
Michael Millis	91342	gentrification
Jessica	90032	I oppose this project because what these people are doing is wrong and just thinking about the long term effects that this could cause to residents is horrible, I myself have been quite familiar with Lincoln heights because I g
carmen madera	90022	gentrification
Makarya	91754	
Alejandra Velasco	90032	This development project will do nothing for the community besides displacing hundreds of low income families in the process, and thousands more in the aftermath.
Alejandra Velasco	90032	This development project will do nothing for the community besides displacing hundreds of low income families in the process, and thousands more in the aftermath.
	91030	Gentrification in a community such as Lincoln heights will only hurt the people living in it
Carlos sandoval	90065	This project is not conducive to maintaining a healthy socio-economic ecosystem in this neighborhood for the current inhabitants
Valeria Valenciana	90031	
Oscar Gonzalez	90032	Because there's already been gentrification in my hood here in El Sereno
Josie Vasquez	90032	
Isabel Morales	91780	
Roman Sabino	90802	Fuck this shit!!!!
Cynthia Mancilla	90031	It's unnecessary and a waste of money. Build this somewhere else.
Sebastian sena	90063	Stopping gentrification
Daniel Solano	90022	I'm an educator in Lincoln heights. I work with many low income families. I fear this will only make things harder on the families that are already struggling.
Patrick Kellycooper	90031	During an unprecedented economic crisis, the last thing this neighborhood needs is more luxury development. Stop this development now!
Hayley Brownell	91604	
Mario Loving	90013	Preserving the current community.
Kimberly	90031	It's unfair. I grew up here lived here for twelve years, low income, and afraid of higher rent.
Elliot Glasser	90041	I oppose this project because we need to protect the diversity that East LA contributes to the greater city of Los Angeles. We need to protect the people of LA whose culture is admired but who are repeatedly pushed aside to
Marco C.	90031	Gentrification
Brandon Cun		Stop trying to take over the neighborhood of low income families! They have no where to go! FUCK 12
Magdalena Castillo	90022	Gentrification should be a crime
Elena Muruato	90031	There has been no dialogue with the community about this project, the land being used has been declared a toxic waste site how will this affect the health of the children at the school just one block away? Will there be enou
Giselle Lopez	90031	Gentrification
Paulaine sano	91364	We can't let the community be affected by this project. I oppose gentrification.
Giselle Lopez	90031	Gentrification
Anahit Momjian	90004	This development is dangerous to the community who've been living in Lincoln Heights. It'll further displace longtime residents, just like other developments like this in the past.
Esmeralda	90022	Anti-gentrification and anti-displacement of low income people of color that have been getting kicked out of Lincoln Heights.
Fatima Jimenez	90065	I'm against the construction or development of this luxury building because it specifically displaces people of color and drives the cost of living up for the families who have been living in these low income neighborhoods for
Victor	90042	Cause it's happened to me before and I know how it feels
Jade olyn	90001	Gentrification is violence. Keep it out of Lincoln heights.
Maria Castillo	90032	Gentrification is not okay and putting Thousand people at stake. Think about the people !
JayCee	91504	It displaces the actual community that has been living there for years
bryan Santisteban	90020	the community doesn't need another apartment complex. Add more community parks or some more beneficial.
Alexia Rodriguez	92629	Our affordable housing stock will be seized by flippers and investors and lifelong residents will be permanenty displaced or homeless.
Michelle Holguin	90042	Gentrification is violence towards the community that has been in the area forever. Gentrification causes an increase in rent, therefore an increase in evictions. Gentrification is structural racism because it conforms to the DES
Jamie	90031	The people living in Lincoln Heights lives there because it is affordable. All the people living there now are poor working class Latinos and African Americans, building these luxury apartments will raise the rent for everyone an
Alanna Aguiar	90027	LINCOLN HEIGHTS HAS THE LOWEST INCOME RATE IN LOS ANGELES. GENTRIFICATION IS VIOLENCE. BUILD A COMMUNITY CENTER. BUILD A HOMELESS SHELTER. BUILD A SCHOOL, ANYTHING TO BENEFIT TH
Bryan Martínez	90023	It's not fair to the people and current residence of Lincoln heights
Matilda Nunes	91204	Because gentrification is killing LA.
Sophia Dueñas	91604	the community should belong to the people, not the wealthy.
Ara Adzhemyan	91501	

Daniela Sanchez	90044	It threatens the community's safety and forcefully rushes them out of their home neighborhood. Gentrification is violent.
Helen S	90023	MORE AFFORDABLE HOUSING.
Cassidy	90031	We don't need that!
Autry Haydon	90028	FUCK GENTRIFICATION. CREATE AFFORDABLE HOUSING. HOUSING SHOULD BE A HUMAN RIGHT.
Alexis Rafael	90042	It runs out the families that actually need a home and destroys the community that has been there for more than 20 years.
Anastasia	91316	Because building "luxury housing" is an insult to the thousands of unhoused/housing-unstable folx in this city! Lincoln Heights is not my community, but it is a home to many who are central to its long history. Units like these
Asunción Rubalcava	90031	The ground water has already been polluted for over 100 years
Jennifer Gordon	90026	
Pauline Bissell	90065	
Jennifer Jordan	91104	Keep Lincoln heights affordable for Angelenos!
Concepcion RUBAL	90031	This is cultural genocide
Maximiliano rubio	90031	Lincoln heights doesn't need "Luxury apartments" it need affordable housing. Before building an apartment complex that are going to raise the rent and prices around the area Lincoln heights need to focus on the community
Andrew	92807	Fuck gentrification
Damian Lopez	90031	It's not fair to anyone who lives in Lincoln heights whatsoever
Austin Wasielewski	94121	Gentrification is violence, and the construction of these condos are another effort in a long line of buildings to displace, and not house, local people. The construction of such edifices must be stopped to preserve the integrity
Cynthia Diaz	95811	I lived in highland park from 2009-2015 during its gentrification process and saw with my own eyes people getting displaced. Friends of mine being kicked out of their apartments by developers. Cashiers at local stores askir
Mateo	90042	Cause big business don't care about the hood! They just wanna take the money that's out here and fuck over the people that actually build this community
Yolanda olmos-alva	91768	We dont need buildiings such as this taking over the neighborhood. More Crowds, traffic.
Gina Zamudio	91104	Gentrification displaces brown and black families!
Patricia holguin	90042	You are erasing my culture and rent is TOO HIGH!
Melissa Ramirez	90255	Far too many people have been displaced already. Enough.
Jayson Viado	90065	Gentrifying neighborhoods does nothing but displace low income families who are being held down in society by systemic racism. It's not fair and it's not right to be imposing these projects on to communities. Let the commu
Abril Guzman	90031	Lincoln Heights doesn't need these apartments if it will start the works of gentrification. The fact that they did not meet with the people of Lincoln heights is disrespectful. Many of these residents will loose their homes if this s
Brian Uriarye	90042	Because fuck Gentrification
Fernando Enciso Jr	90012	I am against gentrification
Graciela Muñoz	90042	It's affect my students that live in the areas and community. I speak out for my students and their families.
Alexis parada	90031	
Yadira Loreto	90032	This project will affect all surrounding zip codes in the area. I live down the hill by LHS. My local grocery stores are all down N Broadway and especially that Smart & Final on Daly. I know for a fact prices will spike, more tha
Brent	90031	Would bring too many people/traffic to Lincoln Heights
Ashly nava	90033	Because I went to school there in Lincoln heights and seeing new projects like these takes the whole meaning of Lincoln heights.
Maria Jimenez	90023	I oppose any and all projects that bring gentrification into working class neighborhoods as the people are being forced out for said projects or will be forced out eventually because their cost of living there will go up.
Sarah Wilson	90014	The lack of transparency from elected officials is absolutely disrespectful. With COVID-19 and sprawling evictions, this tone-def gentrification project utterly fails to acknowledge the needs of a severely impacted community a
Maryjane Leyva	90042	I'm against gentrification.
Phoebe	91722	Because gentrification causes thousands to lose their homes for the profit of the 1%
Ryan Essex	90031	The community deserves a voice - this neighborhood is being erased
Victoria Velez	90065	Gentrification
Julie Curl	90042	I'm against the displacement of the people in our community.
Rachel Trudden	91205	Gentrification is violence
alexis nida	90280	
Daniel Whitmore	90027	This Corp project will hurt the community
Nicole Norman	90045	This is gentrification. We cannot attempt to displace residents who have lived here for decades for the sake of profit (especially during a global pandemic and financial crisis). It seems clear why this is a selfish and racist proje
Aliza	91733	i'm tired of places i knew growing up are continuing to be gentrified. this isn't fair.
Jade christensen	90026	
Jasmine	90031	Give me one good reason why I should support this project ? no more luxury apartments LA has enough empty ones.
Alex Santana	91607	It's unnecessary and doesn't need to displace any families or hurt any kids.
sam maurer	90057	I want lincoln heights to maintain its community and affordability. also this gentrification architecture is ugly seriously
Nicholas Winfrey	90032	Don't want to see neighborhood become more gentrified/congested/long-term residents displaced
Caitlyn Baidas	90031	LA and it's residents are struggling when it comes to sufficient affordable housing. Lincoln Heights has generations of families along with many low-income residents who will be pushed out due to this "luxury development".
Ariadna Ordowskij	90027	This will devastate the community rather than invite diversity. Eyesore of a development, what sort of growth is expected?
Daniel delatorre	90038	Gentrification is a threat to the neighborhood and the families in the community. We can't afford it.
Ana Aguirre	91107	This project cannot and should not be permitted to continue because of the gross negligence of bringing it up within the community. Additionally, this project will displace valuable community members who have been historic
Charles Moothart	90026	I believe the community should have a say in developments that affect their lives and their space.
Yoli Patzkowski	90031	Seeing people being evicted because of rising rent prices in Lincoln Heights over the years, it's unfair and unethical to be adding to this problem especially during a detrimental pandemic.
Nathalia	90023	It's a threat to the community
Julian Reinoso	90032	We don't need luxury apartments. We need affordable ones
Riley	90042	Gentrification
Nicholas Montecino	90042	Unaffordable housing for the native people of Lincoln Heights.
mario almaraz	90031	STOP GENTRIFICATION.
Nicole Prokes	90031	
Bruna Gill	90065	It breaks my heart to see a place that's been my home my whole life get sold out for profit of people who aren't even from here.
Tania enriquez	90046	Decolonize LA
Chris Swainston	90012	It will be devastating to the community spiking rent, kicking out families, destroying the culture. Architecture of the building is horrible, it does not represent LA or Lincoln Heights history. This blatant gentrification of rich inv
scarlet	90026	last thing we need right now is more luxury buildings
Valerie Chavez	91103	Gentrifying this community has the power to displace many low income families that have lived there all their lives. This is not right and it is not what the people want.
Felix plunier	91711	Keep it og
Rachel Ritter	90020	Gentrification is violence! This project will be extremely damaging to the Lincoln Heights community.
Dan	90042	
Jack baker	90065	The project does not serve the existing community of Lincoln heights.
Cesar Vargas	90031	F*ck gentrification. This development project would not serve the interests of our community instead it would drive those already here out.
Anthony vu	90029	This will not help the community. This is the worst form of gentrification
Emily Deremo	90042	To keep Lincoln heights affordable for families and locals.
Cole	90066	Gentrification is violence
Jazmine	90031	The people of Lincoln heights don't need any more reason to increase rent that we already struggle to afford. This would bring eviction for people who are already struggling, pushing our people out even more. It's a commun
Ava Adler	90049	This is gentrification in all of its silent violence. Impacting the health and wellbeing of residents of Lincoln Heights.
Karina Garcia-Guille	90031	The construction of this building will disproportionately displace POC in Lincoln heights, which include senior citizens, the most vulnerable members of society. Lincoln heights has already undergone a wave of gentrification t
Chris Hess	90031	I'm in opposition to the displacement of local residents of Lincoln Heights.
Danielle	90065	we don't need overpriced buildings in an area that is struggling financially
Daniel	90031	This will not allow for those who need housing to afford these new uncontrolled rents.
Sofia Arreguin	90069	Gentrification ruins communities and livelihoods!
Aimee Myers	90026	

Agnes Artoonian	91307	Because it’s hurting the community.
Peter Silva	90042	Gentrification contributes to homelessness
Ana cortes	90063	Ruining history!!
maxine rhea	90042	
Kris Chau	90026	This displaced longtime residents and community centers, in a time when the wage gap and disparities are at their widest. We need more community and less exclusive luxury. The predatory real estate practices in Los Angel
Marilyn Medina	90042	GENTRIFICATION, no housing offered to people in the community, needs to be low income housing, All units should be for low income.
Samantha serrano	91776	It is taking away from residents who have lived there for many years. It is raising rent and moving natives out of their homes.
Stefany Mijangos	90031	This will not benefit the people of Lincoln Heights. This will allow for rent to have higher rates and will eventually end up pushing all of the working class out of neighborhood.
Christy Velez	90032	I oppose this project due to It being unaffordable housing in the community.
Luke Csehak	90042	The community should be in charge of deciding what new housing best suits its needs.
Jakob Quiles	90031	Not affordable to hound adults from the NELA area
sunday smith	92587	it will lead to gentrification
Cynthia Garcia	92701	
Jason Taylor-Pestel	90031	For a community that has several projects to meet the housing needs of those socio-economically less fortunate, this new building proposal seems contrary to its needs and dismissive of their voice. We should be actively inv
Dillon	90031	It seems as if it will skyrocket rent in the coming years for the surrounding area
Isis Frias	90255	Gentrification is something that drastically and negatively affects communities that have long been homes to people of color, immigrants, and low-income families, causing thousands and thousands of these people to move
Vanessa Klaus	91311	Stop gentrifying cities and start building affordable housing for the people that already live in that area
Tiffany Do	90012	Fuck gentrification
coleman moore	91103	the project needs to be considered carefully by the community at large
Lucy	90065	
Martha Velez	90031	I oppose the project due to the unaffordable housing it will bring to the community.
Andrea Jimenez	90032	I believe there are better things we could do rather than gentrify the community that is already present like making sure families stay together in their long time homes and also protect the land that's trying to be taken over by
Isaac escoto	90029	I believe it the building of this complex is made to attract people of higher wealth to avneighborhood thats homes a community of diverse and working class people who run small businesses. I believe that building complex’s
Janelle	91605	This community deserves a voice, affordable housing, families will be displaced for this. They deserve to be able to continue living in their OWN neighborhoods. The housing should reflect the incomes of the community.
Allie Ihm	90063	
Amy Demir	90032	We are tired of gentrification !!
Jasmine Velez	90031	I oppose the project due to the unaffordable housing it will bring to the community.
Henry Tull	91030	Stop Gentrification in historically Latino, architecturally significant neighborhood.
Mario Ruiz	90033	We need affordable housing not this !
Nicholas DeMarie	90039	It’s gentrification and displacement at its worst
Ezmeralda Landero	90031	These will not be affordable and only raise the rent for the area. Fuck gentrification
Jessica Lopez	90031	Illegal evicting of residents
Lee Landey	90012	
Berend Williges	91405	It further pushes out lower income families and gentrifies the community. It loses its soul and longtime community members just for some profit and it’s disgusting.
Karla	90937	This project is devastating to community members. Gentrification has already effected this community. If this project moves forward it will have a lasting impact on community members of this neighborhood.
Eli	90065	preserve the history of lincoln heights at all costs. it is real LA.
Emma Carpenter	91030	Let people live
Christina Rodriguez	90723	Displacing our community members and families
Diego Rojo	90031	
Cormac Pickering	90041	Stop displacing people who can’t afford your ridiculous rent rates.
Gabrielle Sigrist	90042	This will further gentrify Lincoln Heights and push out it’s historic residents who have lived there for generations - all during a pandemic where many of these folks are unemployed and unable to pay their rents, facing eviction
Perla rivera	90262	Our community is already being impacted by gentrification. We don’t need luxury apartments.
Delia Loez	90031	Illegal evicting of residents. Area will be over populated .
Emily Hogg	90039	I love Lincoln heights and the community who already resides there!
Grisel Garcia	90033	I oppose this project because it is against the people of Lincoln Heights, this is a community that had long standing residents and some of these residents, are now older and will be displaced form a place they call home. It
Justine	90042	Building this complex will put the people of Lincoln Heights in danger
Jesus Lopez	90031	Will increase illegal eviction. Area will be over populated
Jennifer Rodriguez	90031	Our community has hard working low income families, projects like this will greatly affect us & we will no longer be able to afford living in the area.
Rebeca	91605	
Jacob arias	90032	Not ethically correct
Nicole Livingston	91342	The last thing Lincoln Heights needs is a luxury condo project. The community must be engaged and meaningfully examine what must be done to fulfill current needs. The culture of Los Angeles has been destroyed by these
atzel martinez	90039	i am opposed to the incoming evictions of residents
Amanda schulz	90042	Corrupt developers kill
Nora quinn	90026	We do not want another luxury condo in Lincoln heights
Denisse	90031	I want my community to remain as it is. I was born and raised In Lincoln heights and to see how gentrification is affecting it, it saddens me. Don’t let the Lincoln heights neighborhood many of us knew and grew up in Vanish
Mira Sabety	91786	Gentrification leads to mass homelessness and stress on lower income families. This is the first step.
Jamie	90027	We don’t need any more apartments to ruin historic neighborhoods
J	90033	Gentrification is an act of colonialism.
Jessica Embick	90042	No more luxury housing! It does not help the community. We have enough luxury housing.
yesenia alvarado	90031	Not affordable housing; will displace people
Matthew De La Cruz	90026	Not right
Paulina Montano	90032	Because this is not the affordable housing that Lincoln heights needs. This is gentrification.
sara kleinbart	90042	
Nathan nera	90031	I dislike caucasians
Jason	90032	It is not fair to the community
Andrea Morales	91722	This is a demand that gentrification be stopped!
Genna BloomBecke	90065	This community matters and must be treated with respect. Not what we have now- disregard for any of our lives and indifference to our inevitable displacement.
Sarah	90813	
Alejandra Coronado	90815	Lincoln Heights is a family city not another high scape
Eliana Valcarcel	84105	Gentrification is a crime and needs to be stopped.
Adrian Rodriguez	91331	It impacts the community and families of the students I teach in this area negatively.
Gabriela Mogollon	90031	Gentrification
Michael DeMaio	90031	The statement accompanying this petition describes how I feel about this development on a personal level. Fuck luxury developments, fuck forced displacement, fuck developers & fuck the corrupt city council working for de
Edwin Moya	90004	I oppose this project because it is removing low incoming families from their households.
Lauren McClelland	91325	
Daisy	90031	
Briana Villareal	91321	This project is displacing those who live in the community, as well as over crowding our community.
Devin Bierman	90031	It will raise housing costs throughout the neighborhood and cause displacement of working class residents
Alexander Morales	90023	Expensive and luxury apartments are not the way in driving down housing costs in California. This will only lead to increasing displacement and the proliferation of gentrification in vulnerable communities.
Linda Tovar	90026	the community of Lincoln Heights does not want or need this development.

Joss	90044	because the people who live in that area don't need a gentrifier to come and destroy what they have left of their community.
Jairo Baez	90031	To stop gentrification
Jimena	90031	It is a threat to our community and life long members!
Tracy Argueta	90255	We must protect underprivileged neighborhoods from gentrification.
Molly Bounds	90065	I oppose the erasure and pricing out of the existing community. This development provides no resource to the existing community there, only for hypothetical outsiders. And it will surely displace people who were born there,
claire quilala	90026	Stop this development!
Paola Gonzalez		No gentrification
Pamela Holash	91205	STOP GENTRIFICATION AND KICKING OUT HISPANIC AND MINORITIES OUT OF THEIR HOMES!!! NO ONE WANTS THIS!! ENOUGH IS ENOUGH
Ginger Wilson	91030	Fuck gentrification
James Flores	90032	I support what they're doing.
Carlos Ramirez	90031	I love my community the way it is. I don't wanna see my community gentrified
Timothy Samayoa	90033	Because these apartment are ruining the beauty of this community
Christine Stormberg	90026	Destroying lives for profit
Alex	90404	I don't support expensive gentrification in communities that will no longer be able afford living there.
	90031	It's gentrification
Carrie	90005	
Ramond McCusker	90032	Save the latinx community! Revitalization not gentrification!
Stacy Le	91767	its such a diverse community and i dont want corporations coming in and pushing residents out
Amy phung	90032	I have concerns if this new development will cause a rise in rent for locals in the community. I am also concerned if this will contribute to gentrification within our neighborhood
Hayden	90031	The people of Lincoln Heights deserve to not be displaced!
Xira Doctor	90004	The building of this luxury property does nothing to help the community of Lincoln Heights who have resided in their neighborhood for decades. This luxury building is gentrification and serves to erase the rich history and cor
john burtle	90042	
Fatima Lopez	90660	I am opposed to the project because, for the majority of my life, I lived in Lincoln Heights. I will not stand for the gentrification of my beloved neighborhood. I still have family there and I definitely don't want them or the other r
Izaiah	90031	gentrification ain't okay we been living here for years no reason to start doing this now
Brian Martin	90032	
Michelle Garcia	90255	stop the gentrification of Lincoln Heights!!!!
Diana Martinez	90031	There is no need for luxury apartment. It is going to displace so many people and cause rent to go up .
Lucia Barranco	90031	There shouldn't be such big and abrupt changes to the neighborhood without the consent of the community— we must be well informed and taken into consideration, our lives depend on this place and many of these develo
Criscelle Vargas	90031	I am tired of money being allocated to the WRONG REASONS. Rent is constantly increasing for our community, thus forcing tenants out who have been living in this community for years. This project will only further escalate
Michael Weaver	90031	i don't want "luxury apartments" in my neighborhood
Nicolas	90031	A project of this magnitude will increase illegal evictions in Lincoln Heights and contribute to the Ellis acting of multi family properties. Our affordable housing stock will be seized by flippers and investors and lifelong residents
Ivyanne Sigerson	90065	we need to house our unhoused not influencers
Patricia Garcia	90031	It will further gentrify our community and displace many working class individuals.
Marilyn Gallegos	90031	Gentrification
Tifanny Cuevas	91030	I think it should be kept as is. We don't need anymore unnecessary gentrification.
Daniela		It will displace working class families as many will be forced to leave due to an increase in rent.
Andre Narvaez	90638	Lack of affordable housing
Edith Chacon	90031	this will create a tremendous traffic to our community.
Isa-Bella Blanc	90031	A project of this magnitude will increase illegal evictions in Lincoln Heights and contribute to the Ellis acting of multi family properties. Our affordable housing stock will be seized by flippers and investors and lifelong residents
Michelle Jarmon	90065	No.
Scarlett	90031	Gentrification
Amanda Chacon	90031	Mucho traffico
Kimberly Barajas	90031	This is gentrification , once luxary apartments are built the prices around my neighborhood increased as if it isn't already being gentrified. Save what's left of NELA
Griffin Fuller	60304	Because the development of these units will be the first in a line of dominoes to fall towards gentrification.
jazmin mendoza	90033	Gentrification. Displacement.
Marisol	90065	
Mary Berger	90031	. A project of this magnitude will increase illegal evictions in Lincoln Heights and contribute to the Ellis acting of multi family properties. Our affordable housing stock will be seized by flippers and investors and lifelong residen
Samuel briseno	90042	We've been losing whole communities to this and if it continues homelessness will soon follow unless we help fund the existing community instead of acting like nothings there and building right over it
Camm Harrison	90042	
Amy Uthenpong	91754	It is wrong to displace thousands of people who built the original culture of Los Angeles. Especially during a pandemic, this is utterly malevolent.
Faith	90031	I oppose the project because gentrification.
Vanessa hernandez	90012	I oppose this project because it will increase eviction and erase our community
Yvette Arreola	90031	The people of Lincoln Heights do not support gentrifictation. We will not be ran out of our neighborhood of 40+ years!
Vanessa	90031	Because this is just going yo tyun the neighborhood
Sofia Alieninova	90008	I oppose this project because it will displace more people. The people of Lincoln Heights need more affordable housing!!! Not luxury apartments way above their income and unattainable to them. Not to mention the business
Phoebe enriquez	90031	
David	90065	My family loves in Lincoln Heights. Developers are vampires. Developments like this suck the blood out of communities and displace current residents. They raise the cost of living beyond what current residents can afford.
Emily	90024	Developers area disease and do nothing but ruin the city I have grown up in my entire life and love
Juan Garcia	90031	468 unit Luxury development at ave 34/ Pasadena Ave is a threat to our health and well being. Gentrification is violence on Lincoln Height's working class (19%) Asian and (77%) Brown brothers and sisters. Lincoln Heights is We need people from Lincoln Heights to be part of the decision making. In Solidarity, JG
Anna Czosnyka	90041	This is not what the community wants or needs. For starters, the plans include 468 units but only 287 parking spaces, which would lead to massive overcrowding of the surrounding streets. This is just the tip of the iceberg ho We as a country are more aware than ever before of systematic racism and inequalities that are so insidious within our social and economic structures. It would be remiss not to point out that this absolutely classifies as white
Edwin Davila	90033	Fuck Gentrification and it's transients
Andrea ramirez	90031	Fuck gentrification and fuck cedillo for
Bryan Payton	90291	
Andrew Hall	90031	It will displace the locals and erase the history and culture of Los Angeles's oldest neighborhood. On top of that its really ugly and will just attract horrible people to live there.
Sara Gernsbacher	90032	The Lincoln heights community can not sustain a luxury building, it will drive people out of the community they've lived in for generations and are struggling more now due to Covid-19 it would be completely reprehensible to
Diana Guzman	90031	More of my people will be displaced and this is a historic neighborhood we do not need more gentrifications we need more funding for our people and local schools
Luis fierros	90031	
Karen Balbuena	90063	I oppose because me and my family were recently evicted from the same area that this is taking place due to gentrification. I do not wish for rent to increase making it hard for folks that have lived here for years to be displace
Henry Trejo	90041	Because My neighborhood has been gentrified and I'd like to ensure it doesn't happen in Lincoln Heights.
Marie Claire Macad	90020	I oppose this project because it will directly cause the displacement of people who have been in this neighborhood for many generations // Opuesto este proyecto porque va a directamente causar el desplazamiento de gent
Moises avila	90033	Because We as a community need to stand together For our people
Nancy Mendoza	90032	
Emily	90039	This doesn't follow the spirit of the neighborhood, and puts the current residents and small businesses at risk
Lucas Gorham	90031	I do not want the building here
Kate Morgan	90065	The only housing development this city should be investing in should be for the homeless and underprivileged.

Mia	90031	Will raise rent and force people to move away
Ruben gonzalez	90026	I oppose this project because family's businesses and business owners will be kicked out of there home and lose everything plus most of these familys and business owners depend on there business and use there money o
Ivy	90041	Gentrification
Marcella		It’s unethical and will be overly priced. Help the community FIRST
Rat Rathowen	91780	It’s an eyesore.
Josue	90032	Community displacement
Anel	90031	The Los Angeles districts have been changed due to gentrification and families are forced to move to the inflation!! No more, enough!!!
Danielle Trejo	91791	Gentrification is harmful to the people already there this will only displace many people and businesses
Julia Greenburger	90034	I am anti-capitalist
Nik H	90031	Grossly insufficient community outreach for a project of this scale. It should also include more affordable housing than the baseline TOC requirement. Many more affordable units need to be provided in this project, as it curr
Christian Gonzalez	90032	
Amy Hernandez	90037	Power to the People.
Vanessa Ramírez	90042	This project is gentrification which is violent towards people in the community.
Fiona Sassoon	90291	Gentrification is violence against people of color and low-income communities. The City of Los Angeles needs step up to support its locals and save more space for affordable housing.
Sandy	22211	Stop forcing people out ! What a heartless project this is.
Napawee Pakpoom	90039	
Uriel	90031	no gentrification
Libier Figueroa	90895	Because gentrification is always wrong
Pedro Morales	90031	We are a working class community with low income residents and people who live day by day. We don't want your luxurious apartment that will not contribute anything to our neighborhood. We need rent control and low incc
Eliana M	90031	We need more affordable housing in this neighborhood, not these luxury projects that are obviously outside the spending bracket of current residents.
Annie Guzman	90065	THIS NEIGHBORHOOD IS HOME TO SO MANY HARDWORKING PEOPLE WHO CANNOT AFFORD LUXURY HOMES
Adrian Morales	90031	I am strongly against the displacement of (traditionally lower-income and Latino/Asian) Community members that will ultimately happen with the development of this property. This community is not for sale and the members
Lainey Racah	90031	This development project will not enrich the lives of long term residents of Lincoln Heights- we need our representatives to support residents in making investments in the current community so that it can thrive.
Olivia Toledo	90042	Gentrification is violence!
Andrea Lopez	91342	Gentrification is killing our communities
Alexander Castillo	90031	People are having a tough time paying rent now, once this is completed, rent will go up higher in this area.
Willie	90031	I do not agree with this project because this project will cause rent to go up and families will be left homeless. It’s not right for this too happen to poor families.
Catherine Acosta	90031	
Clara Cohen	92592	This petition is not a request. It's a Demand by the 30,000 residents of Lincoln Heights for Gil Cedillo, Pinyon Group and LA City Planning to face the People who will be affected by this project for the rest of their lives. A 468
Noelle Wong	91754	
Gabriela Castaneda	90031	This is not what we need in the community right now. There are other things that should be fixed and looked at first.
Roberta Klug	90063	
Ineliz Ruiz	90031	This our community. Not only with gentrify and push LH natives out of our homes, but will cause disturbances to the peace hence construction and parking will be more impossible than already is. Rent will raise and will chan
Alfred	90032	The rent price is above the gross median of the community
Mario Alonso Felix	90033	It will lead to the displacement of low income community members. This can not happen during a pandemic it would be reckless and border on a human rights abuse.
Jose Guzman	90031	There is no need for luxury apartments in Lincoln Heights, especially when a majority of renters in the area make around $30,000 a year. What we do need is affordable housing and rent controlled apartments to help those th
Jenny Eav	90031	I think it is important to retain diversity and the cultural history of Lincoln Heights.
Daniel Schubert	90065	Eyesore
Noah Garcia	91732	Our money could be contributing to the community instead of this development
Francisco Vasquez	91201	Because gentrification is baaaad
Daniela	90042	I don't
Jocelyn	90220	Because I can
Alejandro Barrios	90031	FUCK GENTRIFIERS!!! Stop pushing out the low income families from my neighborhood out!
Emma Hirji-Johnsor	90405	Gentrification consistently affects communities of color negatively, and is never an adequate solution to any sort of community issue.
Jesus Figueroa	90031	Lincoln Heights will not be gentrified. I along with several other families have been evicted from our homes. The fact that this project was rushed without community input is shady and the neighborhood will not stand for this.
Shayna	90505	
Jacqueline Brown-C	90008	Gentrification is the devil’s work
Haily	90031	No to the project
Lily Baxter	90031	Disruptive to the neighborhood, gentrifying
Cyrus Esfandiary	90063	Yes I oppose the project, stop the gentrification of this community.
Samantha	90012	The possibly of displacing thousands of families in order to build a, “luxury” apartment complex is in-humane. People who live in the community have the right to reject this project, and should’ve given the option to be involv
Diane Tran	90031	WE NEED AFFORDABLE HOUSING NOT MORE LUXURY CONDOS.
Megan Maguire	90065	This project is a violent attack on working class long time residents of Lincoln Heights. Los Ángeles is nothing without its real residents.
Alex Craig	90031	This development is a threat to the community.
Kylen	90068	
Anne Ritschel	90026	Because it’s literally gentrification. It’s going to uproot the entire socioeconomic landscape of the area. Creating more wealth disparity in la. Which is the last thing we need. And also because it’s ugly and Lincoln heights is beautiful
Diego	90042	No new projects should be slated after the arrest of Huizar. He oversaw multiple real estate developments and essentially sold Northeast LA away. No new housing should be immediately slated. It undermines the sanctity of
Rene Camarillo	90031	This project will the change demographic of historic Lincoln Heights. This construction of this complex will allow wealthy residents which in response will force the community to cater to them as the community becomes gen
Juana Mariscal	90033	Gentrification
Sarah Castro	90640	Gentrification is wrong
Jackie		
Chris Thach	90031	Displacing historical cultural and low income families
Krista Sison	90026	Because the people refuse gentrification.
Vic Mendoza	90032	families are being forced out by gentrification. Their homes are being turned into spaces that aren't meant for them despite being part of the community for decades
Maya	90065	
Caterra Cornejo	90031	Lincoln heights doesn’t need luxury housing, it needs affordable housing and grocery stores.
Tracey Escobar	90031	gentrification will not help community
Ana Cecilia Alvarez	90031	We need community input ok development and affordable housing - NOT more luxury condos.
Amy	91105	Stop gentrifying my community
Stephanie Espina		I myself, along with my family have been directly affected by gentrification in Chinatown. If there is anything I can do to stop this from happening to other families I am all for it.
Sophie Roessler	90065	gentrification and rent raising will push out families of this historic neighborhood
Melisa Ulkumen	90004	Gentrification
Richard Ordonez	91745	Tryna kick us out
Alexus Anderson	90014	Gentrification of communities ruins lives, durning a pandemic it’s even worse
Carmelita Flores	90640	This will displace so the local residents. What’s wrong with these people? Jesus.
Joana De La Rosa	90022	Yes SHUT IT DOWN. these are the same ppl who try to keep us in the lower class trying to build places in our community that don't benefit our people. How many of us can actually afford living there? We need low income h
Jenny MCKeown		LA does not need another Luxury apt complex. It would be destroying a historic district.
Gabrielle	90032	It unfairly displaces families who have been living in the area for decades. I can’t imagine that these units will be affordable for the average LH resident who makes $30k or less per year.
Gabrielle L Hart	91501	Gentrification is violence.

Gabrielle L Hart	91501	Gentrification is violence.
Xiao Yumi	90034	shame on this project, for pointedly not including the voices it seeks to displace and erase；new infrastructure should support the existing community, not further disenfranchise them.
Albert Ontiveros	90042	It will displace long time residents and increase rent throughout the neighborhood
Meadow crosby	93023	This building is historical and should be protected
april canacho	90660	Displacing long term community members.
Francesca	90041	Yes
Bianca Kingwell	90068	The gentrification of lei colon heights will displace the folks who live there!
Emely Vasquez	90026	The project isn't in the best interest of the current residents in the area.
Ineliz Ruiz	90031	This our community. Not only with gentrify and push LH natives out of our homes, but will cause disturbances to the peace hence construction and parking will be more impossible than already is. Rent will raise and will chan
Elena	90031	This project further gentrifies the community and hurts its longtime residents.
Amber	90031	
Citlali	90032	This type of luxury living is unaffordable to the citizens of Lincoln Heights.
Angel Perez	90031	Trying to gentrify a community that doesn't want to be gentrified
Yalitza	90023	
Dana Barone	90031	Environmental review, full permit and local resident review and should be done. The corruption of Jose Huizar will not be tolerated even in the poorest of communities.
Jacqueline Aquino	90031	Gentrification and for profit is affecting our community and it's longtime residents negatively. Let the community be heard
Rebecca Ramos	90031	Gentrification is pushing out our local residents!!! Do not gentrify Lincoln Heights like Echo Park
Jaya Tengco	90031	This development is a direct threat to The Lincoln Heights community
Deserei	90032	It is wrong.
Emily Gramajo	90065	Gentrification
ana villapudua	90031	gentrification.
Conor Kinsman	90039	Lincoln heights community deserve to be heard and actually listened to.
Lidia Gutierrez	90042	Los Angeles desperately needs affordable housing. This project will not be affordable housing but will instead lead to the displacement of many, many people & families. This project does not fit the community's character w
Deborah Samano	90040	I grew up in North East LA and agree with all the statements made in this call for petition. No to Gentrification! Support and protect Historic neighborhoods.
Joanna	90032	Luxury apartments should be built around people who make minimum wage
Dulce	90031	Gentrification, rent
Guadalupe Mendoza	90031	
Nicolas Antonio Rey	91106	Neighborhoods need more affordable housing, not luxury apartments that will make everything in the area more expensive as well.
Raquel p	90042	No one can afford these over prices apts that are just going to sit empty taking up space or when they do occupy it'll just be with racist gentrification kicking out the community as always kicking out the community that will n
Sherrie Chavez	90031	Because current Lincoln heights residents And surrounding areas would not benefit from it or would be able to afford to live in them
Olga Diaz	90031	Gentrification access to affordable housing
Diana Ortiz	90032	I oppose this project because it doesn't benefit the community of Lincoln Heights. It is too expensive for them to afford , and it disrupts their already formed lives by pushing them out so wealthier people can live in the area.
Alexis Serrano	90023	
Gracie	47304	Lincoln Heights has been a historical landmark and safe place and home environment for the working class POC. It would be abuse and overall inhumane to strip this away from anyone, and especially taking it away from PO
Jessica Ichel	90033	Because I don't want anymore gentrification
Jorge Barreto	90031	I strongly oppose structures that are intended to gentrify my neighborhood. The community has many historic values that are at risk because of projects such as this one.
Andres Fuentes	90032	Not enough affordable housing.
Nanette Sullano	91602	Cultural and Residential Displacement
Sally Arias	90031	It will create further inequality in housing for a the current low income residents in the community and infrastructure such as this should be presented to the community before moving forward.
Evan	91202	It will take away homes from people in my community.
Mia	90063	I grew up in Lincoln Heights before moving to City Terrance and I can't sit back and allow my childhood neighborhood become a victim gentrification. Long time residents of this neighborhood should not be forced to relocate
MARIA RAMOS	90012	I oppose because it will put the people currently living in Lincoln heights at risk of losing their homes.
Gesselle	90063	I've grown up in these areas all my life and when you take over someone's community and theirs mo respect or overnight to the people in that area thats disrespectful the people should have a say weather these buildings fo
Lauren reed	92688	Because this project will push rent controlled individuals out of there homes in the middle of a pandemic.
Annie wilkes	90031	It's will cause people to be dis placed. Unless it is 50% affordable housing I don't see how this helps residents of Lincoln heights
Jorge Reyes	90065	Inflation and gentrification are hurting community health
Nicole	91030	this project displaces people who have lived here for generations and continues to perpetuate gentrification
Odalis	90062	NA
Josephine Gualpa	90026	I oppose this project because it would be detrimental to the community surrounding it and people would be unnecessarily evicted and that is not right.
Yasmeen	90008	My Lincoln Heights neighbors will be vulnerable to evictions etc and this is indeed a violent act to get them out of their own neighborhood. They must be involved in the project conversation.
Michelle alanis	90033	Gentrification has to stop. Pushing people out with no choice is WRONG
Samantha Mendoza	90031	This area is already seeing the effects of gentrification slowly trickling in. I've lived here a majority of my life and fear I won't be able to do so in the near future. This project will kill the community.
Joddie O	91801	This project leaves people on the streets. That's NOT cool.
Hermes Agustin Jr	90044	It will force families to move out and find no where to go and it's simply Gentrification
Kate lee	90032	
Jesus Rodriguez	90031	Then you guys start raising up rent on the community to kick all Latinos out
Marivel		
kelly luo	90031	bc fuck gentrification
Tony Jardines	90031	We should have a vote as to how this place is improved.
Alena	90031	WE DONT NEED ANY MORE BIG APARTMENT COMPLEXES!!!
Maria	90033	This city is my home. Home to a lot of people. Stop kicking us out.
Brendan lopez	90032	This will undermine small business
Mazacuauhtli Burro	91722	gentrification is warfare
Ashley Arreola	90031	This community is our home. The fact that they are trying to build bigger and HIGHLY EXPENSIVE rent complexes is just sad. They want to change our culture & push us out of this community.
Eric	90042	Because the rich come to kick out the working class for their own benefit. Not realizing they will put thousands of residents in the streets just for their benefits, for example look at highland park, echo park.
Brandy allen	90026	Against gentrification and development that effects traffic and original residents
Paola tapia	90031	This project is meant to push out the community members that currently reside in lhts. These buildings won't support our community members.
Roberto Soriano	90012	Because it's wrong.
Bernadette Arias	90031	I oppose this project because it's kicking out all of the residents in my lovely neighborhood including myself it makes it harder to live in an apartment where I can barely afford it and the same goes with my mother we've lived
Atziri Cervantes	90042	
Marissa	91605	Stop pushing locals out! Housing needs to be affordable and building luxury housing that middle or even lower class people can't afford IS NOT FAIR!
Bryan Vasquez	90023	Because no one is going be able go afford this ugly ass housing
Kristian Cardenas	90031	No community benefits and not enough affordable housing
Patrice	94546	
Jonathan Diaz	90033	Gentrification
Esther Ibarra	90063	Gentrification needs to stop.
Abraham garcia	90640	can't built without notifying the neighborhood residents
Sabrinna Bates		
Jasmine Alvarez	90031	The folks of Lincoln Heights will not survive this if this building is built. The people of Lincoln Heights—the REAL people, the working class people—can not afford these ridiculous luxury apartments and will be forced to leave
Sandy vuong	90031	We deserve to have a say in OUR community!!

Sabrinna Bates		
Kary	91801	THIS IS DISGUSTING. LA — ESPECIALLY NORTHEAST LA — DOES NOT NEED LUXURY APARTMENTS. THIS IS NOT WHAT AFFORDABLE HOUSING LOOKS LIKE. THIS IS A COMPLETE DISREGARD FOR COMMUNITY
Elaine Huynh	91732	Los Angeles and neighborhoods throughout America have a long history of gentrification, which is a product and function of systemic racism. I believe there is value, beyond the economic, in Lincoln Heights without luxury de
Lucy	90026	
Elizabeth Herrera	90031	This must include affordable housing options for low income families
Sandy Frias	90065	The fact that residents were not informed of structure. Low income community members will Not be able to afford to live here and be displaced in order to build structure. Community members will not have priority application access. This is not for the Community and it is not a structure that the community would be
Stephanie S	91331	The people of Lincoln Height should be prioritized rather than gentrifyers
Jamie patterson	90041	This goes directly what the neighborhood needs and the pricing is INSANE. Shady tatics to even get this project this far is a terrible sign of what's to come
Kaili Ward	91764	cultural gentrification
Barbara	90031	Opposed to gentrification
Jose	90031	Gentrifications
Scarlett	94122	It's cultural genocide! Fight gentrification at all costs!
Kasha	91423	it's destroying a community
erika dominick	90006	LA does not need more luxury housing, especially not the expense of working class people of color, and especially not without public comment.
Amanda	90033	It should stay for the community!
kora colasuonno	91607	toxic luxury housing is not what the people of lincoln heights want or need, and will only exacerbate the growing housing crisis for the entire region.
Justine zimbron	90026	Displacement of current residents
Alejandra Guzman	90063	The displacement of an entire community is never going to be okay. Communities are not for sale! During a pandemic, to build luxury apartments in a lower-income neighborhood where local residents can not afford to live in
Miranda Peraza	90031	Honestly seeing gentrification in the Lincoln Heights community is really sad. This is a community that has to help build each other up. Not a community that needs a big fancy corp. to drive out the history of the people.
Tracey Truong	90031	Yes
Anagabriel Castro	90032	
Edwin Coro	90031	Doesn't represent the people who live there and places it out of reach
Celeene	90280	Many residents in Lincoln Heights are already struggling to live in the city. There is no doubt this project will increase rent therefore making it more difficult for residents. These units are not affordable for many residents, which
Enzo Gonzalez	90023	This project will displace native residents through gentrification
Eric Hernandez	90032	People who've lived their lives in Lincoln Heights don't deserve to be forced out of their homes by gentrifiers.
Skylar fisher	90066	The construction of these luxury condos will further the displacement of families who have lived in Lincoln Heights for generations.
Cindy Davalos	91764	
Madeline Pena	91104	yes
Hailey Moreno	90042	No gentrification !
Adrienne mercado	90031	Pollution concerns
Kimberly Cortez	90003	Lincoln heights needs to keep its culture and not be exposed to gentrification like so much of Los Angeles!
Susan Mackin	90042	It will negatively affect the community and people living there
Jailene	90031	This project does not serve our community. Our community did not approve this. This project will end up pushing out long term residents of Lincoln Heights, it would be the start of a violent wave of gentrification.
Virginia Finney	90005	Because the gentrification of this city is a violation of human rights. And because this building is ugly as fuck.
Tawney Elayda		This is a threat to the Lincoln Heights community and would displace many.
Juliette Contreras	90005	It's bad for the community
Simon	90023	Lincoln heights has felt with a wave of gentrification for the past 10 years and enough is enough. All this would bring is higher rent for low income families like my self. Lincoln heights is one of the oldest community's in LA.
katherine torres	91706	
Michelle	91306	
Carl Cortez	90033	
Jenisse lara	90031	Gentrification Is doing more harm than good in our communities of color
Chris Cervantes	90031	I'm against this project because it will displace long time residents and only negatively affects those that will be able to stay in terms of raising their property taxes and erasing the community that made the neighborhood a pl
Jose duran	90031	It's not fair for the people that have been here for many years to be kick out of their homes that they work hard to get for some investors who already have lots of money to kick them out like nothing
Emely Ocampo	90031	I oppose this project because it displaces many immigrant families who have planted their roots in this community. This will just drive up the very apparent homeless problem in LA. These projects are toxic to communities of
Elisa Rosales	90280	This is not what the people in the community want or need. The community's needs as well as their opinion have to be taken into consideration. The people should matter more than profit!
Selenah Marti	90032	I want to uplift my community, not destroy it. Building these developments would further contribute to gentrification at the expense of our people.
Remi Riordan	90004	I'm against gentrifying developments that displace people.
Sixto pena	90031	It displaces low income renters!!
Nial morgan	90038	Fuck corrupt developers
Rebecca Rivera	90031	It displaces people from the community
America Sanchez	90031	Gentrification has already taken over too many neighborhoods and Lincoln heights should not be one of them. I've already had too many friends get kicked out due to this issue and it is not right.
Danny Bermudez	90033	
Melina piedra	90065	It would drive working class families out of the area and cause gentrification in the community
Brandy S	91106	
Kenneth Chip	90031	
Sebastian Meza	90032	This is not what the Lincoln Heights community needs, and is a blatant example of pushing gentrification and erasing the culture that has been set here for almost a hundred years. The Lincoln Heights Community does not a
Reynaldo	90280	Gentrification
Nicole Campos	90031	People are being wrongfully shoved out of their homes. They've spent years here and are losing their homes due to the selfishness and greed of local politicians. They have done absolutely nothing to help the community and
Emily leon	90042	This project will displace life long residents of Lincoln Heights. We do not need more luxury apartments in our neighborhoods.
juan leon	90031	It's erasing our community.
Rosette Simityan	91042	It threatens the cultural integrity of the local community
Liam forde	2472	There is never an excuse to take away housing. It is never defendable or acceptable
Raquel Rodriguez	90031	The last thing my neighborhood / LA needs is another luxury apartment complex. Four generations of family has/currently lives in this area.. we need more development for affordable and equitable housing to preserve the sp
Cinthia Carlos	90031	
Skyler conner	90042	It's horrible
Esmeralda Ordaz	91744	It is not affordable housing for the existing community
Diana	90031	This project isn't for people like the ones in Lincoln Heights. No, you want to import newer, richer people to "boost" this city/neighborhood. Where will we go? We'll see our neighborhood changed by people whom we've nev
Daniel Esquivel	90065	It's taking away from the community. The community is losing its roots. Terrible terrible idea.
Iiia Xochipilli	90007	I am indigenous
Michael Aldana	90031	Gentrification will kick out community members who cannot afford the rent and bring in those who don't understand the culture.
Lizette	91204	Taking away from the community.
Carol	90031	Gentrification has slowly started to take over our community leaving out on the street our most vulnerable, long-time residents and beloved members. This project is a perfect example of that.
Elizabeth Zamora	90032	This housing is not for OUR community and will only serve to displace us.
scarlett dennis	90032	gentrification is violence
Hugo Hernandez Jr.	90031	I Oppose This Project Because This Is Gentrification & Will Make Lincoln Heights Rent Sky Rocket Throughout The Neighborhood & N.E.L.A. And Will Forced Us To Get Kicked Out Of Our Neighborhood & Remove Our Cultur
Ashley Boyd	90031	Keep Lincoln Heights charming and true. This mega luxury building will further damage this neighborhood and displace locals. It's is truly an eye sore. Get out of here with your capitalism
Karla Coronado	90031	Lincoln Heights does not need any more gentrification. Gentrification will lead to families being pushed out of their homes. There is a rising increase of homelessness and gentrification is one major contributing factor leading
Carmen Flores		Instead of taking from the community invest that money for the betterment. These people are hardworking people who do many of the laborious jobs no one else wants in order to provide for their families in hopes of better o
Estefania Hernande	90019	Tired of these people coming in making rent unaffordable kicking the brown and black families that make this community

Rachel Weinstein	90027	End gentrification
Jeannette Hernande	90201	This could lead to an increase of rent for the surrounding properties leading to the displacement of many families.
Venice Malabanan	90011	Because gentrification kills the culture in the community and kicks hard working people out of their homes
Jazmine	90032	Lincoln Heights has always been a neighborhood that provides affordable housing for the lower income community. This project would force many families to relocate during a pandemic which is inhumane and cruel
Bailey Brown	90026	Not affordable/colonizing/unwelcoming design/not asked for by the community.
Camila Pernisco	91801	Lincoln Heights is a culturally significant neighborhood that deserves to be appreciated & lived in by its current inhabitants, never gentrifiers who'll displace those who have worked hard to achieve their American dream.
Diana	93304	"Lincoln Heights is the oldest most historically diverse neighborhood in LA and residents have had to endure generations of racial inequity." just more powerful white people taking from POC running them outta their home so
Jorge Hernandez	90023	There's no need to build something that isn't needed especially when it will effect many in the Lincoln community. There was never a hearing or even an attempt to ask those in the community if they agreed or opposed to this
Brazyl Thompson	95336	As someone who goes to school in Pasadena, and struggled and still struggled to find DECENT housing in a city so unnecessarily expensive even in terms of nearby food on all blocks, there really is no need to keep building
Amanda Rojas	90032	Lincoln Heights is a beautiful community that is being threatened by this project. It will erase the culture and hurt its members in so many ways.
Anthony Zavala	90042	The rapid pace of market rate and luxury housing developments threatens the sustainability of the community of Lincoln Heights, especially during such a critical time. No one is against the development of more housing in L
Grace Rosenman	91206	Let people continue to live lives in their homes please.
James Aguila	90032	lifelong residents will be permanenty displaced or homeless.
Julia Peters	91104	It's gentrification pure and simple. I have friends who grew up/still live in the community and I know developments like these negatively impact them.
Jacob kaiser	94133	Historical preservation. People won't want to visit the us when every prince of history is erased in the name of profits.
Michelle	90063	Gentrification is affecting our under serving communities!
Alvaro Parra	90031	This project will endanger the current residents renting in 90031 by setting a precedent towards unsustainable housing development and rent raising. We don't want luxury apartments to start a trend in Lincoln Heights of buil in this zip code can actually afford.
Juliana Barbera	90046	
Ashley	90002	
Michelle Chin	90065	Why do we need more ugly luxury housing? What's wrong with building affordable housing for people who are already in the neighborhood?
Tanya Alvidrez	90031	Displacement of the people of lincoln heights
Annie Hawkins	97703	
Augie Calabro	90026	it will negatively affect the community and displace a lot of people who have lived here for generations
Alyssa Flores	90032	I don't want to see this neighborhood become gentrified and replace my brown brothers and sisters along with all the other communities living within lincoln heights.
Ashley Moran	90032	I have friends whose familles have lived in Lincoln Heights all for generations. I myself frequently shop and eat at the restaurants there. This development is going to do nothing for the existing community, but push them out.
Melissa Zamora	90032	Gentrification is oppression . This project needs to be thoroughly reviewed given the recently uncovered corruption in our local government .
Yesenia	90033	We demand a meeting !!
Sky Avery	90065	This project will indeed be a direct threat to residents around the area who have not consented to this. I do not consent the building of this development in my community.
Cameron Kessler	93001	
Megan Carabine	90942	Gentrification issues and will create indirect financial hardships for the families who have lived there for decades
Annie Brennen	90023	It displaces members of the community who are already there and won't be able to survive or afford the gentrification.
Hellen Jo	90042	No one in Lincoln Heights asked for luxury development. All of NE Los Angeles is in dire need of *affordable* housing, not fast-tracked back room deals made to line developer and politician pockets, while expediting gentrific
Orlando Almader	90031	
Jenny P.	90031	I oppose the project because it's unlawful and there wasn't any consent from the community given.
Jason Lee	91206	Given the amount of corruption in city hall, with two councilmembers caught in pay for play scandals in the past few years, and given the crisis of affordable housing in this city, we cannot let developers continue to raze entir
Jorge Trujillo	90042	Luxury apartment units do not benefit the community of Lincoln Heights in any way whatsoever. The construction of this project will actually harm residents who have been living in this neighborhood for years and decades as
Alexa	90031	It's kicking people out of the community it raises prices and claim to better the community by getting rid of the low income people of the community
isabelle pinto	90032	fuck gentrification!
Tatiana	90031	This project erases the history and the community that's been there for years.
Diana Diaz	90011	Im myself am LA resident and undergoing through eviction due to gentrification and seeing culture being erased and natives being removed from their homes, is totally unfair. We need our voices to be heard.
Cheyanne	90032	I live close to this area and it seems as if it pushing out a lot of people who lived here for a long time.
Rita Franco	92801	If it isn't affordable housing then what's the point? Help the people not push them out. Why do we need to allow another out of state company take over and make property in a place it's not needed. I'm outraged, make it sto
John	90031	...
Juliana McCullen	90045	It will cause affordable housing to go out the window and displace an entire community of people. This is gentrification at its most blatant, and it's unacceptable and disgusting that developments like this still happen without
Jocelyn Andrade	90031	Our home deserves to stay a home!
Brendan Nafarrate	90065	This project will further displace residents of Lincoln Heights and continue gentrifying this Latinx working class neighborhood. At this time when the nation is facing an unprecedented amount of evictions and a housing crisis
Ilana KoZlov	90036	This will increase the amount of evictions in the neighborhood and I oppose that and will bring in gentrifying businesses that will hurt the micro economy of the neighborhood
Lila Funge	90039	
roger garciS	90031	Will displace many community members
Lesly Martinez	90031	
Eduardo Peralta	91773	
adriana	90015	Dtla has enough apartments. Go put them there stay away from our neighborhood
Jessica Campos	90250	
Dava	90043	there needs to be more low income housing, NOT LUXURY
Lee Atkinson	10573	it is malicious to insert high rent housing into a lower income area.
Christine Huang	90031	
Zitlali	94555	
Germain	90031	Going to attract more tourists and they will want to move here and that will raise the rent.
Chloe Alvarez	90012	These luxury apartments will increase gentrification in Lincoln Heights. It will harm businesses and has the chance to erase a historical community, that is Lincoln Heights.
Andrew Quintanilla	90033	The project will negatively impact the people of Lincoln Heights in many ways.
Sam perez	90042	It displaces people
Geronimo Flores	90031	Ugly too many buildings not enough affordable housing
Naui Munoz	90032	Because I do not agree with the construction of apartments that will benefit affluent and predominantly white people / displace and push out the working class perdominantly POC community that have resided in those areas
Alex Fofonoff	90031	I oppose this gentrification, the displacement of longtime residents, and the destruction of neighborhoods
Iris Valera	90031	I oppose of this project, because once they start building the "luxury" apartments, rent will go up, and the people who have been here they're whole lives, will have to be forced out of they're homes because they will no longe
Daniel Calderon	90042	I am against gentrification
Jennifer	90033	I oppose the project because it relocates people who have lived their for ages and makes fun for upper middle class which also happens to mainly white people.
Gladys Lopez	91731	I oppose this project because I believe that by building these apartments there could be a start of gentrification. This will lead to many Lincoln height natives to have no choice but to leave their home due to an rent inflation.
Elaine Chang	90031	
Lily Noyes	90036	The money spent making this new, extremely unnecessary development should be going torwards direct action to help the existing community. If Lincoln Heights gets gentrified, the existing community will face losing their ho
Vanessa	90041	Some people can't afford these condos it will only create a even more populated area. With more condos equals more traffic around us. The people who will afford to rent these condos will be people with money. These hard
Olivia Barrett	90028	It will lead to displacement and prioritizes corporate profit over housing justice
Kathy Osegueda	90031	I oppose the project because you'd be leaving my friends and neighbors without their homes. You'd be forcing them to relocate, when this has been their neighborhood forever. It's not fair.
Ivy Marks	90042	We don't need any more developments like this! Gentrification is violence!
Nuong Tran	90023	It will displace a lot of low income families
Julia	55343	This will hurt a community
Gabriela	90032	We don't need these developments that aren't affordable and push out lower income families
Thomas	90746	Gentrification
Jenny Lee	90026	I'm tired of low-income communities being affected by housing. We need rent control and affordable housing, not more housing for the rich or middle class.
Abbi	93405	

Liz Fieschko	90029	Community decisions must include the community that lives there!
Andrea Galan	90031	
Jasmyn Lemus	92011	Against Gentrification
Maya Rosado	90031	fuck gentrification
Corina Lash	91030	I am against gentrification
Adrian Contreras	90042	I don’t believe building this luxury apartment is the solution to affordable housing in Los Angeles. But most importantly to not displace it’s current residents, who would be affected by this decision to construct this project.
Cameron Masters	91506	It’s gentrification and is possibly funded and approved in a corrupt and untransparent manner
Michelle	90032	I can’t afford an apartment in the hood I grew up in. Gentrifiers need to stay out of our community. All they bring is a higher cost of living. LEAVE US ALONE.
Saul Munoz	91406	Save avenue 34
Joseph Waggoner	90026	Doesn’t provide affordable housing
Chloe ricks	90808	I oppose all projects that enforce the gentrification and displacement of members within the community.
Francisco	90033	Our community is united
Franco betancourt	90031	It remove a lot of the neighborhood history as well as living a lot of low income families with out a homes
Dakota Booher	91351	
Matthew	91103	gentrification is bad
Abraham Machuca	90031	It pushes my friends and neighbors out of their homes without any aid or input
Analuisa Alvarez	90031	
Areeba Zahid	90044	unsustainable, expensive, eyesore
Gianna Bermeo	90041	NO TO LUXURY APARTMENTS. INVEST IN LINCOLN HEIGHTS LOCALLY
Willow	91702	The building would displace a community that is already struggling
Danielle trejo	91331	It will raise the rent and put the community in jeopardy
Frances Freeman	90034	Because it puts the current community in danger.
Martha Sanchez	90063	Its unfair to the real and vulnerable surrounding communities!
Byron Arreola	90042	Gentrification is cultural erasure.
Amy Hoang	90031	It's nice to see the community change but, we want to be beautiful in our own way. Since there are many working-class, low-income families in our neighborhood, we are not ready to see Lincoln Heights take action without h
Rosie	90016	Because I care
Olivia	90027	
David Cruz Terrazas	90031	It could negatively impact the current residents of our neighborhood. Majority of the residents are low-working class. New housing projects are going to be priced at market value which many residents will not be able to affor
Paulina	90032	
Renata Rodriguez	91733	This project is harmful to the community as it will continue to spike the problems of gentrification
Esther Gomez	91342	It is unfair to force people out of their homes just to build a new model and raise up the rent This should be stopped and allow the people that already live in the building to stay where they call home and don’t have to look fo
Amoura Gonzalez	90004	Fuck gentrification
Jesse Gonzalez	91706	I am sick of the displacement of brown people within that community.
Aya Newman	94703	Gentrification is violence.
Isabella Juarez	90031	Will kick our current tenants raise prices of homes kick out culture we have in lincoln heights
Toni Gallardo	90005	He is corrupt! and 86% unaffordable this is not what the community is wants. he is corrupt and therefore those projects should be under investigation or on hold until the people can speak to city officials who are not biased c
Gadiel	90031	Gentrification
Annie Lin	90027	
Joy Yukumoto		
Pamela Garcia	90031	I oppose to this project because gentrification will come to place and this will hurt our community, it destroys the community history, and culture. LA living has become extremely expensive rent will skyrock and demand peop
Aketzachialli Lopez	90042	I oppose gentrification.
Amanda Flores	90660	Gentrification
Julian Izaguirre		
Fernando Hernande	90032	Accommodating affluent neighbors while forgetting the entire community seems like a major disconnect between community members and who actually resides in LH
Isabel Gallegos	90063	When hundreds are suffering due to the covid pandemic and already struggling to pay bills and rent why is another large apartment being built that will be inaccessible to the very people who live in that community? Hundred
Agustín McCord	90029	I visited a friend at ave 32 and Pasadena the other day at dusk. I admired the unity of the community, strength of relationships of neighbors who walked among each other familiar and greeted each other from their front yards
Gabriel Salvatierra	90029	Luxury developments should be outlawed entirely
Hope stutzman	90034	If you are elected as a representative of your community you must serve that community. There is no way luxury housing should be permitted when you have residents who are unhoused or housing insecure. It is our represe
Ashley Palma	90006	
Arom Choi	90032	Lincolm Heights is one of the oldest neighborhood in LA with diverse communities. Don't want this project to ruin any people's lives who's been keeping Lincoln Heights beautiful. People over profit. Always.
Lauren Lauer	91362	It will displace many low income renters that are already apart of the community.
Jorgie Tlāchia Inin I	90063	The displacement of Black and Brown people in historically POC neighborhoods (and traditionally Tongva unceded territories) by gentrification continues the cycle of uprooting said POC people, further removing and displaci
Harper McCallie	91030	
Arleth Tomas	90004	
Roxy Wills	90004	
phoebe		
Benjamin Phillips	90012	Out of scale and insensitive to cultural dynamics of historic community
Charlotte lethbridge	90026	It will destroy the community
joana chaichang azt	91104	bc we need affordable communally owned housing that meet our needs, not profit driven condos that lie predatory and vacant during a housing crisis and pandemic
Briana Lara	90032	Because it pushes out the current class that lives here
Jennifer Solares	90012	Gentrification is going to drive people of this community out. Families have been in this part of Los Angeles for generations and this is only going to drive up prices and drive families out of Lincoln Heights. Protect this comm
Antonio	90031	Yes
Gabby Espina	90033	
Brianna Cruz	91776	
Leah Clancy	90042	My neighbors deserve better. This building would destroy the community. It is shameful.
vesta javaheri	91030	
Matiana Parra	90031	We need affordable housing for the community that lives in Lincoln Heights and need to protect renters rights.
Bianca juarez	90031	this is going to gentrify the whole community. My family has been here since the 90s and this project will erase all the culture we have in this community!!! This will cause property value to raise causing more and more displac
Natalie Christine Sa	90032	Because I’m tired of seeing the places I’ve grown up going to and seeing being erased :(tired of the gentrification
Arthur G Lopez	90032	Cause I’m tired of seeing communities being gentrified...
Alison	90065	This is yet another act of violence against marginalized people. We do not need another gentrified, white-washed neighborhood in LA.
Mackenzie Ferro	91801	There kicking out the people who built the city there trying to get rid of the middle/lower class!!!
Lili Peper	90026	Because it is going to destroy the neighborhood.
sage perez	90033	it is bad for community. Fuck their fancy gentrifier apartments.
Karla Esquivel	90031	We should use the money to help the homeless and to build homes for the less fortunate.
Xochitl Anceno	94931	I don’t support gentrification
Ashley	90065	we didn’t ask for it!
Debie	90031	It will ultimately cause for rent to increase meaning many families won’t be able to keep up with the rent; therefore, they would lose their homes.
Brandon Bonilla	90004	It will displace working class people of color
Nelly Sepulveda	90031	We can’t afford more evictions

Melah	90018	It’s not okay to do something that will directly impact the community without first discussing it with the community.
Denisse Ojeda	90031	gentrification!!
Elora	91208	I grew up in cypress park on Isabel St and Maceo. I was forced to move out of the home my family had lived in for 3 generations because of gentrification like luxury apartments. Luxury apartments only hurt low income comr
Daniela	91343	No to gentrification !
Lisabeth collins	90029	Los angeles in the midst of a housing and eviction crisis does NOT need more luxury housing, the city is GLUTTONOUS w luxury housing
Joseph Rihn	90042	We need affordable housing NOT luxury housing.
Caitlin Wylde	90026	No more useless high cost ugly condos and housing units when low income housing is so desperately needed esp during COVID
Rita Del Cid	90004	Lincoln Heights is the first district in Los Angeles. We need to preserve the history of our city and stop gentrification. We need to protect our friends, families and our local businesses. Making new buildings that will raise rent
Michelle Schimek	90027	As residents of the community we DEMAND this not be built. NO ONE SHOULD BE DISPLACED for this.
Sam Torres	90255	Gentrification is violence ,the preservation of culture is important ,people shouldn’t be ripped of their homes
Malia	91605	
Brittany Pires	90038	No more big developments. No more gentrification. No more luxury apartments when we have a deadly housing issue. Stop pushing out families. Stop eliminating integral LA communities. Stop targeting BIPOC. Fuck your sk
Justine Bernacet	90042	We don’t need our people to be pushed out of their homes to make room for only those who can profit and make wealth off of the community we built.
Brandon Olmos	91732	Bc you didn’t ask.
Flynn Namala	90008	
Malik Gay-Bañuelos	90031	Gentrification threatens those who have lived in this community for generations. The rise in rent has forced many out of this place that we love so much. The community deserves to be heard regarding such a large communit
Mia Shlakman	90266	Gentrification is garbage!
Ava Balise-zsarko		
Dahma	90033	Luxury apts put low income and immigrant community members at risk of being displaced. This project is a step toward gentrification which hurts communities of color, and low income communities during the pandemic whe
Andrea Suarez	95403	I am opposed to the gentrification of a neighborhood that has been populated by people of color for years. This development would have devastating impacts on the community. They were never included in the conversation
Andrew Vasquez		This will facilitate displacement of viler able community members
Kelly Daugherty	92026	That’s a culture you shouldn’t take
Camille Derouin	90068	It’s bullshit
Marc	90746	This is so wrong and gentrification should be abolished. This is pure evil
Joshua Morales	90018	The current residents and communities will be dealt the short end of the stick.
Kris	90031	
Esmeralda	90032	Gentrification
Annie Pendergrast	90042	Gentrification
Gladys vaca	90031	We need housing for the hard working people of this community. Not housing for foreigners
Georgia	90041	gentrification further displaces marginalized groups in a city where extreme homelessness already booms. rich white folk do not need more luxury apartments. This city is already riddled with far too many fancy high rises to t
Diemmi	90012	This neighborhood is home to hundreds of low income residents. No one wants luxury apartments to raise the prices of the whole neighborhood and potential spike rents. Opposing gentrification.
Paul mccaffrey	90031	To Stop luxury housing, gentrification and displacement.
teri newman	90006	bc gentrification is bad and ppl’s homes are at stake
Blanca Moreno	90063	Over crowding and its home to many Latinos
Veronica Morataya	90031	
Tom Park	90020	Displacement of current occupants
Fernanda	90033	Corruption
cuahutemoc tapia	90018	communities should be left to the communities. gentrification is a crime and should be curbed at least and reversed at best.
Lisset Silva	90810	It’s not beneficial and will harm those in the community more.
Anna Flores	90063	This project will displace Latinos in the community by increasing rents and evicting people from their homes.
Natalie Ramirez	91342	This project will leave people the people have lived here in the streets.
Stella s	90068	It’s oppressive and ugly
Maxwell laurance	95062	
Olivia crawford	90031	Gentrification will push residents out of this beautiful city and destroy the community
Francesca		I want Lincoln heights to maintain it’s community. Building this new unit would jeopardize individuals in Lincoln Heights.
Liza	90031	
Ramona Gomez	90006	Gentrication/ Housing in affordability
Paula Peng	90034	We do not need ANY MORE LUXURY DEVELOPMENTS DISPLACING COMMUNITIES IN LA. The gentrification stops with US!
Gerardo Navarro	90063	I grew up in Lincoln Heights (209 S. Avenue 19), me and my family were practically forced out by the owner raising the price of the rent and we could no longer afford it. We ended up moving to the neighboring town, Boyle he
Andrew Rodriguez	90032	
Sasha Fuentes	90029	Gentrification is the worst!
Jazlyn	90012	Gentrification is the worst thing to happen to our diverse communities.
Becky Diep	90031	My community should not be gentrified.
Clarisse Lopez	90041	projects such as these price out the long-standing communities within the area
Rozzie	90745	Stop gentrifying neighborhoods
Jaylin Erath	90017	Gentrification ruins lives
Andrew B	90031	Gentrification has already taken parts of Highland Park, Boyle Heights and other Latino communities. The transplants who come here are mostly white invaders who have harassed my community by calling the police on us, t
Jose Luis Herrera	90031	Lincoln Heights is a low-income community with a homelessness problem that the city needs to put their attention to. Housing is already commodified, even though it should be an accessible human right to everyone, and lu
veda faust	11121	
Maryann Vasquez	90065	To Stop gentrification
Madeline Lough	90031	Lincoln heights is a beautiful community and it needs to be preserved! This development will only serve to displace the people that make the community what it is.
Meredith Hamilton	90042	It is disgusting that LA's city hall is actively participating in the displacement of lower income people by bypassing their community led councils. The endgame of which, is the erasure and replacement of culture, history, and
karsen	91506	blatant gentrification that will cause erosion of culture and people who live here.
Isabella Rios	91107	No to gentrification, no to displacement. Stand with residents and the community over corporate interests.
Alynda Garcia	90032	Don’t Gentrify Lincoln Heights
Diana		please no.
Vivi	90012	it would disturb the community and end up contributing to displacement and be an eyesore
Evelyn Vasquez		
Meaghan Mullaney	90042	It would ruin the integrity and charm of the neighborhood
Daniel Estrada	90032	It’s simply not right that families are getting pushed out of neighborhoods they’ve been in for years, to bring in people who don’t care about the displacement. Voices need to be heard
Daniela	93117	An existing community should not be pushed out of their neighborhood due to an increase in rent that clearly they cannot afford.
mirza	90022	Gentrification isn’t right. The working class can’t handle this, especially during this pandemic.
Paola Santos	90031	Noone in our community will be able to afford this. We do not want this to be like highland Park.!!!!
Minerva Camargo	90031	This will only serve in displacing me and my mother .
Carmen	90020	We cannot keep pushing out homeless / lower income housing. LA already has a massive homeless population and the demolishing of this building will only contribute to a problem that we have not yet even begun to solve.
Mike carillo	91201	
Adam Corona	90065	The fact that the community has no say in the matter, and the fact that the evictions and displacement is taking place at such a high rate is wrong. Let the people who live in the community have a voice.
Nikole Morales	90026	This project will and is the first of many to come that will continue to displace the people of Lincoln Heights. The median household income is below 30k, this project will invite those who are way above that income threshold
Brianna Henriquez	91204	Gentrification effects the community, families will have to move out due to rent increase, families will have to face homelessness which is already effecting families in neighborhoods that have been already gentrified, erasing c
Yahtil	90242	

Amelia	90065	
Scott Hodges		It would be bad for the community.
Keko Jackson	90033	Let the community talk and down with the development and displacement
Beatriz	90004	Because it's wrong
Carina amador	92104	
cynthia	90031	We have enough gentrification in our neighborhood. We should be focusing on what serves the community, not how it can be exploited for money.
Annette	90031	I don’t agree with displacement of families.
Gabriel Morales	90031	People in my community are being pushed out, and I grew up on this street.
Roger Hallaway	90019	The city of Los Angeles does not need more luxury housing. It needs more affordable housing for the everyday people who actually live and work within the city.
rebeca	95116	
kathleen c	91343	I am against gentrification.
Erick	90031	I am someone who has been displaced because of gentrification. My family went from paying $800/month in a house I lived in for 21 years in Lincoln Heights to paying more than double ($1,800) for a house in Lincoln heights
Arlene Rivera	90042	We need affordable housing for all. Not just for the rich.
Lizeth Ruiz	90031	This project will displace countless people and contribute to the problem of homelessness.
Isabel	90033	
Diana Choi	90020	get these fucking luxury developers out of LA, they’re gentrifying colonizers
Leslie	90031	I oppose this project because I live in lincoln heights & I know the struggle of paying bills like rent for families of poc. My own family struggles with our $1,000 rent. This project will most likely kick many families out of their ho
Jose Perez	90022	No to gentrification
Abrielle Stedman	90041	Let’s maintain the current culture in the neighborhood.
Vanessa	90031	I have lived here in Lincoln Heights since 1995! I want this neighborhood to stay affordable and not be dislocated.
Melinda Parker	90065	It’s nonsense!!! We do not need that big of a complex anywhere in this city...
Devin	91601	The input of the locals wasn’t considered. This construction is paving the way for more gentrification 🤦🏾‍♀️
Katarina Gleicher	90042	It does not reflect what the people want
Anthony Garcia	90031	Low income families losing their homes or ability to rent. Creating more homelessness in our city that is already enduring a health and financial pandemic.
Katherine Grace Wa	90042	This is gentrification, pushing out a cultural center in LA for characterless apartments that will only be affordable for the rich to move in.
Jessica Espinoza	90032	Fix the homeless problem in our communities before building new luxury structures
Frank Vasquez	90065	We don't need luxury. We need 100% affordable housing for low income resident that are already in Lincoln heights
Jackie Villaseñor	91790	I don’t want to see the neighborhood where I grew up, taken over by gentrification. We cannot let another city with so much culture be taken over with apartments that are not suitable for people that make up the working clas
Kai Schelly	90065	To protect the community
Brenda	90032	We love our community and diversity.
Matthew Padilla	87124	Yes
Morgan Purcell	90032	Gentrification is a direct threat to the working class and minorities in the community
Lupita Gonzalez	90031	Gentrification
Lizbeth Meza	90031	taking away community of lincoln heights
Samuel smith	90039	It’s gentrification at its finest.
Priscilla v	90065	Lincoln height didn’t approve this
Isabella Tong	92620	This directly negatively impacts residents and created illegal evictions, inflated prices, etc. It is a cultural genocide on the working class community of Lincoln Heights. Furthermore, the public was not informed of these develo
Ana	90031	I have lived here my whole life my mom grew up here I grew up here. I love Lincoln heights. The control rent is necessary for the Latin community here. Building this horrible building will bring outsiders to Lincoln heights drivir
Carolyn Fernandez	90031	I oppose this project for the sake of the community, the space being taken from residents whom have built lives in our neighborhood and making this neighborhood beautiful and full of its charming nature. This new developr
Lucia Lopez	90031	I oppose this project because this is a low income community and it needs more community resources not expensive housing.
Juan Nolasco	90065	
Nicole Ramirez	90065	There is no purpose for housing in this area.
joseph grasso	90005	i am a believer in the rights of humans to live where they were raised. where they feel they belong
Emelyne Camacho	90042	These apartment complexes do not provide help for the communities that live around it. It is counterproductive in the idea that low income communities need more resources (the city of LA loves to show off how much they a
luis leon	90032	Well for one rents will raise up making low income residents leave and all these business workers care about is money than other people's families. These families will have to move and make new friends, new jobs and for wh
Nathalie Zamora	91755	
Mallory	90032	Lincoln heights is a place of history and families, not for generification
Kristina Montecino	90042	Fuck Gentrification. Gil Cedillo’s dream is to gentrify the places we have left. I live in Highland Park. I know it too well.
Joel Montejo	90031	It unfairly displaces the Black/Latinx residents in Lincoln Heights who face the pressure of such projects through increased rent, discrimination, etc.
Cesar M Navarro	91107	Lincoln Heights is home to family and friends who have been a part of the community for decades.. this project along side with many like this displace my people; many of them who have contributed so much for their familie
Mitchell Valine	91001	I do not live in Lincoln Heights, but I don't like gentrification. This has to be stopped.
Jesse Marinero	90731	Gentrification is cultural erasure
Nathaly	92570	Its where my mom went to school
Nicole	90017	This project will not only raise rent, but it will not be affordable enough for the community that currently resides in Lincoln Park, thus erasing the community. Gentrification is direct violence to lower income families and familie
Gabrielle	90062	The people who are raised here and call it home deserve to keep their home
Valeria Villela	90031	
Minu jun	90042	LA needs more affordable housing and spaces for those affected by covid. Not apartments that’ll further gentrify Lincoln heights and cater only to the wealthy!
Natalie monge	90031	Gentrification
Zoe	96067	Because it will effect the people
Anonymous	N/a	This project should never be part of Lincoln Heights. This building may bring up tourists or luxurious people to bring in more of a unhealthy environment. Plus, most of us won’t be able to afford the pricing for a one night stay
Génesis Nam	90004	
Alexander Villaseno	90031	Lincoln Heights need affordable housing. Not luxury condos that the community cannot afford.
Crystal Gamboa	90031	
Zelideth Padilla	90670	Stop gentrifying our cities and displacing communities vulnerable to erasure.
Mia	95403	This is gentrification. You are displacing people from their homes and attacking those in the area by building LUXURY apartments in a middle to low class area without community input. Stop criminalizing the poor. This is OU
Aylin	90026	I oppose because displacement of people of color is not right. People deserve the place they have been living for in years. I live in Echo Park and have seen this happen. Do not let it spread more please.
Linda	90031	It increases cost of living!!!
Karla Vega	90042	Gentrification is forcing families to leave the cities they grew up in and it’s not okay. Their families built this city and shouldn’t be forced out bc LA is the new trendy hot spot, let those people stay in West Hollywood.
Rachel Rosales	92881	You’re taking away one of the greatest things that makes LA so unique and beautiful; which is it’s rich diversity of people of different backgrounds that are willing to welcome you with open arms.
Alfonso Meza	90032	Because this is a classic case of gentrification, rents in the area will skyrocket and will push out families that have lived their whole lives in the Lincoln heights community.
Mike T	90031	It will cause displacement of the people here
Justin W	90032	Gentrifying developments do not support or invest in communities.
Jocelyn	91306	Bad
Carlos C Tejeda	90031	I have serious concerns that the project may have been pushed due to corrupt back door deals and not due to the best interest of the residents of Lincoln Heights or Angelenos at large.
Connor Johnson	91207	Gentrification is wrong and evil.
Kristi case	90057	Stop Displacing Local communities and gentrifying for your profit and stripping our city of any culture
Celine Merino	90038	Gentrification has been tearing up LA communities for far too long. The people’s voices matter and when they stop, listen.
Nicole Ice	91206	
Sam	92651	For families’s homes
Sarah Ginsburg	90039	Lincoln Heights is one of the most special neighborhoods Los Angeles has and this is because it hasn't gentrified as fast as other neighborhoods like Echo Park and Silver Lake. But a development like this would change eve

Morgan Marshall	90002	We must keep our communities safe from. Building units like these raise rent and gentrify black communities.
Lex Darco	90027	Housing is a human right!
Emily	90650	It’s contributing to gentrification, which its impact can be extremely negative.
Margarita	90031	It doesn’t represent/benefit our community
Danielle Franco	90063	I hate gentrification.
Angelina	90026	I don’t like
damon	91205	It doesn't seem motivated by the community. It would be disturbing the peace; ironically becoming the eye sore because certain people want to monetize a view.
Jade Muslar	91104	I'm a resident of Pasadena and don't think it's a good move for the community. Many people here are also students and it's hard enough to find affordable housing close to campus
Matthew Ribarich	90031	There’s been no public accountability or input into this project, it threatens the lives and homes of everyone in Lincoln Heights, in a time when evictions are skyrocketing and everyone is out of work it’s unfathomable that we’
Alan ortiz	90031	I oppose this project because these Caucasian’s and Asians move in and think they big shot and start thinkin this they area now and they give the rules like no and we can’t do nun because if shi cracks they winning cause of
Juan	91732	I oppose this project because we as a community in the Northeast Los Angeles had no say in this projects construction and the people developing did not even have the enough respect for our community to even open up a
Brianna Doria	90032	Put a stop to gentrification.
Jonathan adame	90063	Fuck the city council members for allowing this gentrification to continue. Build something we need , not 400+ apartments we can’t fucking afford.
Matthew Rodriguez	90031	I want to help my community even more.
Talib Mudiwa	90019	Unethical
Joe Gamache	90039	I oppose this project because it will rip apart the social fabric of the Lincoln Heights. This is an act of violence against some of the most vulnerable members of the community by greedy developers, and the property-owning
Mercy Solorzano	91801	Gentrification is not ok. Driving out low income families mostly of color for profit shouldn’t be the answer. These communities have been the home for many POC specially Latinx and Asian Americans.
Javaun Crane-Bonn	90042	Gentrification with luxury apartments erases the history of the neighborhood and pushes lifetime residents out. It is the last thing that the community needs. There needs to be more affordable housing, not more exclusive ho
Melissa cortez	93550	Its Gentrification
Bianca	92804	This is a threat to the city and the community. Building luxury apartments in a neighborhood where people value community more than amenities wouldn’t add any value to the producer, consumer and the Lincoln heights nat
kimberly moulic	90041	because we don't need any more WHITE men moving into our land. disgusting. you could've funded something else like creating shelter for homeless but this??? wow.
Hannah Kang	53511	I condemn the gentrification and displacement of a POC neighborhood.
tom	10002	i’m sick of developers and greedy politicians displacing communities and ruining lives. community > capital.
Andrew Tulin	91801	
Andrew Patton	95112	Gentrification forces poverty. People can’t afford rent as is
Diego	90031	
Lucero Tolentino	90042	Despite the fact there is so much gentrification going on, the people who live near will get kicked out equals homelesness
Andrew Emard	90065	lincoln heights / LA doesn’t need more “luxury” apartments that can sit empty for months or years while thousands live on the brink of losing their housing / are forced onto the street bc of a developer manufactured housing
Jaqueline Espinosa	90065	I oppose this project because the city should be providing affordable housing and not luxury apartments for the upper class or drawing attention to upper class.
Maggie Wood	91302	
Matt Endler	90033	This housing does not serve the community that the are belongs to.
Leticia Llamas	90031	
Laura Shumate	90068	The residents of Lincoln Heights that have been there for years and decades won’t be able to afford the rents that will go up in the a) new building b) their current homes as landlords will raise the rents out of greed and possib
Alejandrina Anguian	91104	I oppose a project that’s clearly in favor of the displacement of people who are already struggling.
Iiia Xochipilli	90007	I’m indigenous
Paige McGhee	90032	We should start with appreciating Lincoln Heights for all it has, create a plan to renovate the spaces in the community for the community that already lives there...not for gentrifiers.
		It will only serve to displace low-income families
Gabriela Ruiz	90031	I’m afraid for my health and being pushed out of my home. Please don’t let the construction pass.
Annabell lee	1060	Gentrification is violence, do not displace people out of their homes
Daniela Encarnacion	90065	Lincoln Heights does not need luxury apartments. The area is already heavily populated and being so close to Chinatown and Downtown will only bring more people and more traffic. Luxury Apartments are usually rented by
Daniela Romero	91214	It will do more damage for community members than good.
Karina	90020	Gentrification is pushing people out of their communities. Overpriced housing is raising the cost of living in what used to be home to hard working families who are just trying to make it in this life and succeed. Gentrification p
Joshua Trujillo-Flore	90063	
Isela Cortez	46224	I used to live in Lincoln heights and even go to school in the area. Currently I live in Indiana, but I would hate to see that they build luxury apartments if people have to move out their homes and have no where to go, just for th
Celeste Barajas	90031	this project will only hurt the community in Lhts not help. They are building unaffordable units to push people out of their own community and replace them with white people that can afford them. You want to help then put m
Bridget Smith	7023	This project is part of a national pattern of gentrification and destruction of marginalized communities. The fact that this project was undertaken without any input from the community speaks to the fact that those involved in
Jared petrich	90057	I dislike those buildings a lot
Kenny flores	90012	
Joseph Gallucci	90031	This is a direct assault by the city and developers on the residents of Lincoln Heights, and a repulsive eyesore to boot. We need protections for renters against evictions and displacement, not tacky unaffordable luxury housir
Ashley Evangelista-	90031	I oppose this project because I was not aware of it until now. I do not approve the further displacement and erasure of the community living in Lincoln heights for many years. The community wants a public hearing for this pro
John	90031	It will change the neighborhood for the worst
Ellery Smoller	90036	It would cause too many evictions. We don’t need more housing developments
Dalton Lopez	90031	Gentrification / rise of rent
Briana	90065	
Karla contreras	90031	Because it will gentrify a community already dealing with high rent . People can not afford to live here and will be pushed out.
Reuben	92055	Fuck gentrification
Steve Lucero	90031	This project does not reflect or support the community. We will not tolerate these inflated development projects!
Emely	90031	Gentrification
Alyssa Julian	90026	Building luxury units in an otherwise very working class neighborhood will drive up rent costs and push out the neighbors that have built the community
Arthur Aguirre	90042	The community does NOT need luxury apartments that have an arbitrary price on them. I can’t even live in my old NELA neighborhoods anymore!
Robert Aguirre	90031	Gil Cedillo is a sellout. People over profits!
Gabriela Cervantes	90022	It will raise cost of living in Lincoln Heights and force life-long residents to relocate.
Alondra	90020	Oppose the project
Arasely sanchez	90602	Gentrification ruins our communities
Grecia C	91764	Going forward with this project will displace families who have been the heart and soul of this community for the sake of “development.”
Amanda Lanza	90031	It is not in consideration of the communities needs
Sabrina Lieu	91208	Gentrification displaces people and raises prices, none of which we need.
Eric Freeman	90004	Fuck Gentrification
Hannah Brown	90042	luxury housing hurts the community
Harley	90601	Destruction of the community
Jerry Garcia	90041	Because this housing development is just going to make it so it’s too expensive to live there and it will kick out people who have been living in Lincoln Heights for years.
Lilly Armstrong	91206	
Taylor Burch	90068	Please stop ruining this city with unaffordable housing please stop gentrification
Melody Morales	90022	the community was not asked for their input!! families who reside in lincoln heights for many years will be torn from their homes because they will no longer be able to afford housing. GENTRIFICATION IS THE ABSOLUTE WO
Ariel Aguilar	22153	NO MORE GENTRIFICATION!!!
Charlotte Zhang	90019	Because LA City Planning, city council, and the property developers they are in bed with care more about profit than the lives and well-being of working class people of color. These people are corporate grifters and deserve t
Isaac Valdez	90270	Against the project because it’s pushes gentrification
Maddie Johnson	90068	Gentrification is violence
Frances emm	90068	Because gentrification is the work of DEVILS. We can’t let any more gentrifiers and polluters into this neighborhood.
Ricardo Luna	91803	This project is going create more traffic and the term Luxury just states this is a prominent location for high salary residents which should be suspended as companies do not want to make affordable housing for those at mini

Jacqueline	93727	This is gentrification
Juliana Sorelli	90068	This Project is ridiculous and a scam, it's going on all over the city with every one of these horrid projects sitting empty.Also as this health crisis has proved it before, there is great danger to suddenly concentrate this amount
Emma home		I oppose it because it start to erase the history of the city. This city has culture and beauty in it with the current buildings it has.
Andrew Tam	90012	It's not what the community needs and is honestly an eyesore
Sophie Reiff	90065	Our neighborhood does not need more luxury condominiums. We need affordable public housing for our CURRENT residents - not expensive housing only attractive to new residents. We want to see our multi-generational c
Natalia MacAdams	90031	This is not consistent with what Lincoln Heights is about. Continuing to displace low-income residents and eliminate affordable housing is a scourge on our city. Our neighborhoods are being ruined by developers and we dor
Vanessa Munoz	91103	They should start that project on a empty parking lot
David	90032	Stop over developing our city for your own personal gain our community is not your personal bank!!!!!
Jette Kavanagh	90012	I oppose this project because we're losing culture and affordable housing for those who need it
Sabrina Bachelier	90019	¡Basta!
Courtney Rice	90032	
Isaac Diax	90033	Its a legal way of trying to kick out people out. FUCK that.
Anatalia Zavaleta	90023	We don't need overpriced apartments kicking out the local community. Especially with apartments like this that would rather be empty + overpriced than filled with people who are part of the community
Joey	90016	Do not plunder Lincoln Heights. This is pure evil. You cannot disrupt this neighborhood ever, but especially during this pandemic where brown folx are struggling to survive. Lincoln Heights does not need your bright, shiny bu
Andrew McLean	90012	It'll be terrible for a city like Lincoln Heights.
Grant cdebaca	90026	This kind of project doesn't belong ANYWHERE in East LA. Greedy out of touch developers like this who have no roots in or understanding of a community like Lincoln heights are a cancer on working class Los Angeles, the
Perla Perez	90032	This is unacceptable.
Simone Rein	91103	Large scale residence buildings such as these force out low income residences and gentrify the neighborhood beyond recognition. Please do not move forward with this project in respect to their people and culture that curre
Torianne Schiff	90032	Our community needs affordable housing, not high end development.
Brigette Plascencia	90031	We need more low income housing not high end housing
Giorgia Mannucci	90041	Gentrification is a violent practice that puts in danger always the most vulnerables. Protect the area and support the rich local community instead of building for the rich outsiders.
Pilar Duralde	90042	There is already a lack of affordable housing. Evictions have begun. The community of Lincoln heights has a cultural and communal history too precious to be ripped apart.
Daphne Quijada	90031	I live in the area almost my whole life and I don't want our community to get moved or changed for other people's privilege. It isn't right. We're already struggling in so many ways but we try to keep our community together ar
Sarah Shelby	90049	I want developers to engage with the communities that they are affecting, every action has effects and the ramifications are clear in this case. A public meeting or forum is the least any business owner can do, though they ar
Ariana Baez Romero	90031	No gentrificación
Francisco Rios	90031	No gentrificación
Sonja giordani	90065	
Ellena Rodriguez-Da	90031	To keep the integrity if the neighborhood and keep housing affordable for the people of the area
Ulises F Angeles	90022	The amount of effort and taxpayer's money wasted this project could be used for community enriching programs and improve overall quality of daily life. Cedillo obviously does have Lincoln Heights majority working class res
Lillie Wiszniewski	98499	
Jackie	90815	
Cynthia	90023	We don't need more gentrification in this city.
Emily	90026	
William Forgey	90027	It's not good for the community
yesenia Gonzalez	90255	Gentrification only displaces people jn out community who are already facing financial, mental, and health problems. The people were not included in this conversation and that is not fair.
Hugh Blunden	90017	I can't stand corporate greed especially from people who don't even take a moment to reflect actions or respect placed on an already suffering community. The fact that most of these projects are lead by vultures that don't e
Mariah Vaca	90031	This change, with which the neighborhood residents were not consulted on, will change their lives indeed by hiking up rent prices and forcing out families that have been here for decades. This isn't Echo Park and it's not abo
Ignacio Mejia	90018	City hall is planning to erase and displace the community of Lincoln Heights
Sydni Wilmore	90042	Because although I grew up in highland park, my whole family resides in Lincoln heights and I don't want to see my city gentrified even more than it is :/
Alicia	91106	
Jessica	90001	Gentrification is unnecessary
Adriana sanchezy	90031	Because gentrification causes so much suffering and displaces minorities and people who make less. It's not right to make housing so expensive that the people who have been living in those neighborhoods can't afford to s
Jane	91202	
Nico Moreta	90039	Lincoln Heights is a lower income neighborhood made up of primarily Latinx and Asian families. Huge development projects like this increase rent, whitewash, and push out these people from their own neighborhood (aka ge
Sergio Hermosillo	90230	we need more affordable housing
Chloe Gilinsky	90026	Lincoln Heights residents do not want to be displaced and have their community disrupted by shitty luxury housing when there is an affordable housing shortage in Los Angeles.
susan	90031	it will displace many families and hurt the local businesses around the area.
David Reyes	91103	Fuck gentrification. Preserve the POC & Latinx culture in these LA communities
Nicholas Mueller	90033	This development represents the dismantling of the community that has resided in Lincoln Heights much longer than any member of the Pinyon group. The sheer size of this development will ruin the community in the inevital
Roxanne De Ment	90065	We need more adorable housing in the area, not a luxury high rise.
Aya	90033	Tenants are people, not disposable property
isis mejia	90063	i'm against displacing people in the area/poc and rising rent/property value and making it inaccessible for people who had previously lived there
Jeremy yoshioka	90034	Lack of transparency is troubling.
Hannah Thorner	94707	
Patricia Orenday	91803	Increase illegal evictions and make rent in area unaffordable
Lauren Risha	95616	I oppose the project because it is not for the people of Lincoln Heights and is just further contributing to the displacement/ eviction of communities and the gentrification of the area.
Juliette	91803	Unaffordable housing for residents!
Sara parsley	90019	Enough gentrification! Protect POC
Anna	91324	I'm tired of these ugly and tasteless luxury apartments filling up every corner of LA. They tear down LA establishments, pieces of our history, our architecture, and displace the working class and people that have been here fo
Anna	91324	I'm tired of these ugly and tasteless luxury apartments filling up every corner of LA. They tear down LA establishments, pieces of our history, our architecture, and displace the working class and people that have been here fo
Stephany Del Cid	91204	It will not help the local community and it will promote gentrification & displacement.
Cassidy	11385	This project will displace many members of the community. It is negligent to put profit over the community.
Zoei Gigliotti	90041	The people of Lincoln Heights deserve to have a voice in this matter. This development could drastically change their lives- and not for the better. Luxury housing and developments are not catered to local angelenos (like my
Stephanie	90031	This project will affect all those living in Lincoln Heights. There are already people and small businesses who are getting pushed to move out. This housing is not for our community but for others who will displace us if rent inc
Victor Barraza	90020	Because Lincoln Heights has been a community and part of the history of L.A. County. These corporations just come in and take over everything which is not right and move out people so I support this petition thank you for
Cittlalli	90031	Displacement of long time residents. It will also create a rise in rent.
Allie	92831	
Nicole Aldrete	90031	Affordable housing
Samantha Garcia	90002	It's an injustice to the minority community. Gentrification will not be tolerated.
malissa	90004	it's unethical
Dominique Vargas	90031	I've lived in Lincoln heights my entire life. 2 weeks after I was born my parents moved from hillside village out of my paternal grandparents house and moved into my paternal great grandparents house located in Lincoln Heig
Reyna Rivera	90039	Displacement of current Lincoln Heights residents. And raised price of living in Lincoln Heights.
Violet Overn	90026	We don't need luxury condos we need affordable housing.
Textli Gallegos	90022	I grew up in Lincoln heights and I do not want to witness another wave of gentrification and erasure of yet another one of our LA communities.
Jeffrey Amado	90063	It's my community and to move families out just because y'all wanna do a damn project, AGAIN, dose t mean it's okay to just decide that.
Leola Sanchez	90405	I oppose the project because we should protect low income households and families and as well as historical areas.
Sophia Wessell	90036	It would destroy the character of Lincoln heights, as brand new huge modern apartment buildings tend to do to any neighborhood.
Alina Ponce	92880	Gentrifications occurring in our own cities have ripped apart families, small businesses, & dreams of young POC in this country for too long. Our parents were relocated & forgotten about but not us!
Alfredo Escalera	90031	I recently moved into the neighborhood. I'm aware the families that neighbor me have resided in Lincoln heights for their entire life and if this goes through those families will not be able to sustain a proper life style if property
Kimberly Berry	91001	I want to live in a city where my kids' teachers can live, where social workers and postal workers can live. Affordable housing is a right. We all own this land.

Mei Su	90031	Because this project won’t be good for the community
Colm Daly	91207	The displacement of the current community is wrong
charlie	92649	
Niomi Munoz	90031	The city needs to help the community, not drive out their residents who have lived there for years. Lincoln Heights is full of beautiful Latino and Asian families that just need support by the city to bring the neighborhoods back
Alejandro	90011	Gentrification of low income areas.
Valerie Lytle	90031	This prospect will encourage gentrification of the area, increase displacement, and increase the number of evictions in the area. It is violent and unnecessary
Ana Santos	90031	This is not being built to benefit or uplift the community.
Wendy Yao	90012	It doesn't serve the existing community's needs or include their input
Valerie	90029	All new building plans need to Invest in the current community. Build resources for them. Please hire from within the neighborhood on ANY new construction jobs.
Aaron marrufo	90031	It's not fit for the community and its erasing our community and gentrifying and kicking out the people who lived here for years
Sebastian Gonzalez	90063	Cedillo has always continually used my image in various projects and helping the community has always been a photo opportunity for him. I can’t sit idly by while the neighborhood is being gentrified.
Aaron marrufo	90031	It's not fit for the community and its erasing our community and gentrifying and kicking out the people who lived here for years
Stephanie	90031	Stop gentrification
Genaro Hernandez	90023	
Daniel Garcia	90640	To stop gentrification!
Jack Symes	91105	This is an obvious and blatant injustice and disservice to the resident of Lincoln Heights who may be displaced from their homes as a result of this project. Think about the consequences this decision would hold for so many
Belinda Rodriguez	90006	This project will ruin a community that has been residing there for years. Rents will be raised, slowly pushing out residents and eliminating culture. Save buildings like this for Santa Monica, a city already ruined by gentrificatio
Larry Molinar	91331	I'm against gentrification
Laura Oliden	90032	To persevere the neighborhood. This project is a direct threat to drive out all the people who have lived in Lincoln Heights their entire life.
Wessim BenSaid	90065	Because it affects various families and businesses. It is an attempt to separate us as a community and mess with the cultural identity of the community
Erica Almodovar	90023	This will displace the community of Lincoln heights.
esmeralda molina	90031	Lincoln Heights is a community enriched by people from such diverse backgrounds. We need to protect this from companies coming in, displacing families from their homes, to make profit off of what was NOT built nor nouri
Jessica Bley	90031	I oppose the building of large multi unit establishments to preserve the natural history of Lincoln Heights
Francine Yep	91107	
Ariana Robles	91016	To protect the community of Lincoln heights from greed!
Paloma Macias	90031	It is an infringement on the community.
Dasha cuevas	90022	This project feeds into gentrification and would hurt the lower/ middle class economy.
Joanna Sanchez	90501	I may not live there but I have friends and family that do. Immigrant families built Lincoln heights, echo park, highland park and East Los. This city is forgetting the History of racism and displacement. Remember white people
Lily Taggart	90065	It threatens to push out the community already living here and would not contribute anything to this neighborhood.
Ron Vargas	90031	When the project in Lincoln Heights was pushed through for the historic societee it ended up being very bad for the people who lived in the area not being able to change things on their house without a panel of people giving
Leilani Gonzalez	90201	its unfair
Anya	91030	I use to live in Lincoln Heights and I don’t want it to become something that is not. It is a beautiful historical neighborhood and this will just ruined it, plus it would suck for many families that live here now and would have to m
veronika syrop	90016	destroying our city
Hershel	90016	These large ugly apartment compounds are destroying LAs historic communities and displacing residents who have lived within these neighborhoods for decades.
marley	90027	i’m anti gentrification!!!!
Steve Zarazua	91706	Gentrification hurts our communities by displacing low income families out of their homes from the increased rent and general increased cost of living within the community. Fuck gentrification.
Kathryne dameron	90032	How in gods name are you going to push a project like this through; in the shadow of the gross political corruption marring The LA development infrastructure? This reeks of corruption and you better believe if it’s rushed into
Elizabeth Origel Gal	91020	My parents and family members reside in Cypress Park and have been part of the community for over 20 years. Developments like this don’t offer enough low income housing to the current residents in the area. Market rate
Anthony	90031	Threatening my livelihood
Crystal Santamaria	90033	
Ariana Perez	91723	Fuck gentrification
Michelle Guzman	90016	i have similar incidents happening in my neighborhood and i know the harms it brings to the people who have always lived there.
Christine Stephanie	91732	Family and friends live in this area.
Alberto L Duarte	91104	We need to preserve our cities heritage
Stefhani	90032	
Andrew Lawson	90026	Communities should be involved in decision making regarding new developments.
Nick Taggart	90065	This type of corruption and destruction of our beautiful city must stop!
Tara Castellano	91101	
Adrian Apana	91202	The inequity that it brings to the people of the community—to put money into the pockets of big spenders who place no value on the history of an area, nor seek to truly give help to the communities there, while it is within th
Bianca Mendez	90037	Because if it's not for the people, we don't want it!!
Mel Mendoza	90031	Gentrification hurts communities
Evan	90004	This project will harm the fabric of the community and displace people. No more gentrification.
Monica Farge	95123	Displacing the people of Lincoln heights without even having an open dialogue is unfair. Having luxury apartments open up, knowing it does not aid the community is also unfair.
Carlos Gonzalez	90031	I stand against gentrification and the construction of luxury apartments such as this one that will run out long time residents of Lincoln Heights.
Alvin	92832	This happened in my own community. I can no longer do anything about it in my own community, but i can help other communities prevent this. Stop gentrification
Kellen Harrison	90065	It’s two blocks from me and will drastically change the neighborhood
Julienne	95123	
Nai	77024	
Jacqueline li	91030	There is already an incredible lack of affordable housing available and too many luxury apartment buildings with vacancies. We don’t need more unaffordable housing/gentrification of neighborhoods. We need to address the
Jesus	90031	Will be kicking out people of low income who won’t be able to afford anything outside the rent control zone
Stevie Hammork	92691	The over priced eye sores that are “luxury” apartments take character and community away from Lincoln Heights. The money used to create these monstrosities would be better used to help the communities low income resi
Itla Tamayo	90031	
Paul Tamayo	90031	rent will go up and wont be able to afford current living lifestyle
Marissa Casillas	90042	It will dispose of families that have lived there for years and they will end up homeless or struggling to find somewhere affordable to live
Filibardo Mora	90260	Making City officials and Government transparent is key to making true change not only in communities like Lincoln Heights, but statewide.
Jenn	90004	No to gentrification
Amy Rodriguez	90033	YES. Erasure of culture, gentrifications, the fact that this project isnt made for the community its made to attract people from other cities and completely displaces members of the community.
Jennifer Moreno	90063	It does not serve the existing people in the community
Elias Pack	90065	The developers are preying on the economic powerlessness of the neighborhood. If the median income of the median current resident of the neighborhood could not permit that resident to afford the structure's median apart
Crystal Latonio	90026	Gentrification is Genocide
Alexis	90032	Will raise rent and destroy small business this isn’t a luxury neighborhood and there is already enough apartment why don’t they make shelters for homeless families instead of bringing in more people with money who don’t c
Aranza	90042	
Hunter Tidwell-Higg	91406	
Landon	98042	It sounds like gentrification of Lincoln heights.
Megan Waldau	91355	Gentrification is genocide.
Taylor	98107	Growing up in Los Angeles/Pasadena, and now living in Seattle, bearing witness to wave after wave of gentrification, I am standing up for my childhood home in the hopes that it remains socially, culturally, financially, and spi
John Salseda	91030	Gentrification
Adam Jerro	90031	No public housing option, no community involvement.
Alondra Romero	90031	To help make my community better for the residents already living in it.
Jamie Vivaldo	90031	Not what the community needs

Katya Zirulnik	90033	Luxury housing is not needed anywhere in LA and particular in this community. There is a lack of affordable housing that's crippling the security of hardworking families. People over profit.
Keven Acevedo	90031	The project will rise the average rent in Lincoln heights
Jina Rabinoff	90031	Lincoln Heights needs affordable housing! Not luxury apts.
Jen	90001	I'm opposed to gentrification and rent raising in predominantly latinx communities. This project will push out low income families who rely on communities like Lincoln heights for housing.
Nury Bolanos	90031	We were never advised of this new project . Gentrification Destroys communities, pushes out our diversity in our community .
Ismael Salazar	90031	Because it displaces working class people who already struggle to live in this community. Pushing this project forward will only displace more people.
Rory Hayes	90041	Gentrification is wrong
Diego Chiat	90039	Because it will displace families
Fabio Beltran	90027	I oppose the construction of any building that threatens the stability of the existing community. This construction will lead to consequences like raising the cost of living and diluting the diversity within the community. I strong
Rebekah Sanchez	90031	!!!
Gina Niekus	90041	It is a product of government corruption and gentrification.
Alexa Soto	77338	
Brian b	90031	Gentrification
Miranda	91706	It is gentrifying a very culturally inclusive area
Tristan neihart	90043	Luxury apartment raise rents to exorbitant prices that people who grew up and have families ties in these areas can not afford. These types of projects do not benefit the people who actually care about our city and the cultur
Jessica Garcia	92346	Because fuck gentrification
Liz Munoz	90706	Gentrification will lead to not only erasure of the culture but to eviction of low income families
Francisco Rodrigue	93505	I never asked for these to built
Jonathan	90717	Yes, I oppose this project. stop the modern colonization of p.o.c communities,
Cecilio	90057	I quote from the article above " . Lincoln Heights is the oldest most historically diverse neighborhood in LA and residents have had to endure generations of racial inequity". We are dealing with so much for people to start wo
Priscilla Hernandez	91732	Displacement of families is not cool
Victoria Rojas	90042	
Sam orlin	90042	The gentrification and displacement that comes from this project has no need in Lincoln heights
Gabriel Partida	90065	These development projects are hurting us who have lived here.
Vanessa	93421	Saving the community
Jacob	90032	I don't support gentrification and would rather invest in affordable housing for the existing community
Marco f	90006	I'm against the displacement of low income people to develop a luxury condo project
Leonel Hernandez	90066	It will raise rent on the minority community that lives there
Alyssa	90094	Stop gentrification
William hird	90005	Luxury apartments do not serve the people who live in those communities - instead they force longtime residents out and are a lightning rod of gentrification. The only reason these are being built are to service high income in
Emily Jacobo	90031	These new complex will just bring more economic hardship to the community and those surrounding it. The new apartments on griffin avenue by the la leadership primary have caused such a big change in the neighborhood
Katherine	90041	
Jennifer	90057	Gentrification pushes out our people. Our people get displaced from their homes! it's not fair to let rich folks do this to our people especially people of color.
Alfred	90027	This development will only continue to displace and erase the Lincoln Heights community.
Daniela	90031	We are tired of gentrification
Sergio Ramirez	90046	I was a Citizen of LH during my teens, and know in my heart that that building is not being made for the Generations of families who have lived there. It is all for Profit
Maggie SanFilippo	90026	It will force people out of their homes and raise rents
David Burrill	90031	This is another way to gentrify culturally diverse neighborhoods and to drive out P.O.C. who are low income while you drive up cost of living. Not in our neighborhood
Lindsay Barker	90042	Fuck gentrification! Building luxury condos will push out lower and middle class working families!
Erin Walsh	90035	Disrupting the Lincoln Heights community with this apartment complex is a blatant example of gentrification. Communities of color will be displaced by this project, and it is insulting that the Lincoln Heights community has h
Valentina Zapata	91754	Stop the gentrification. Stop the evictions.
Salma Rojas	90041	I refuse to sit idly by as rich people gentrify neighborhoods thus displacing low-income communities of color. This is not the type of investment in communities that we want!!!
Noa Rosenberg	90004	
Israel Hernandez-R	90640	The obvious gentrification of one of the most Historically Diverse communities in LA is absolutely repulsive.
Miguel Abriz	91406	Not fair to the low income community and minorities
Jessica Lara	90201	I strongly oppose this project because tenants will be illegally evicted. Displacing them from housing in a neighborhood that belongs to them. Lincoln Heights residents deserve to heard and should not be excluded from this
Claire Hunter	90031	I love my community and do not want further displacement
Jeremie Peters	91202	Gentrification is one of the most vile forms of racism/classism and must be stopped
Justin Aragon	91755	Gentrification is not for the people. The people of Lincoln heights do not want this in their neighborhood.
Jessica Takeda	94720	we need affordable housing, not luxury condos
Robert Pena	90033	We do not need almost 500 luxury apartments that will displace many families.
Nancy	90042	We need affordable housing not luxury condominiums which will only cause GENTRIFICATION
Samuel Ruvalcaba	90638	
Bridget	90026	Because I'm tired of them tearing down our buildings and gentrifying the area with apartment complexes. I'm tired of them building apartments where the people who have lived in the area for years are being kicked out and
Preston Mendell	90019	I used to live in Lincoln Heights a few years back and knew this day would come. I always try to draw a line between development, which is a sort of inevitability in urban life, and rampant gentrification. The idea of a building
Favio Espejo	90032	This will create a chain of events of people wanting to gentrify a low income neighborhood. This will encourage gentrification in our neighborhood and will displace many people who'll struggle to find somewhere else to live
alexiss palarea	90031	
Christian Diego Bae	90011	My People are being supressed by Genderfication and a lot of shade is happening behind this project
Brittany	90026	You're going to be moving on members of the community who have been there for generations.
Priscilla Rodriguez	90031	The proposed project will push locals out.
Samantha Avitia	90032	
Sierra Morris	90035	Stop gentrification
Ashley Del Cid	90026	New luxury apartments have been coming up for the past 10years one on every block in the neighborhood that i grew up in saw my entire neighborhood get torned down and the people living here for decades get pushed ou
Charles	90031	Doesn't seem right
Rafa Mendez	91744	The community never had a say on whether it should be built, and it will only lead a path to homelessness/displacement of the community
Mikel	90006	It seems dramatically out of step with the neighborhood. Also there's no way it will be affordable for the people that already live there. I used to live in Lincoln Heights, and appreciated it's architecture and history most of all.
Israel Lopez	90066	
Brenda Romero	90037	Because no one asked for it.
Devin Ratliff	90026	
Carissa Velasquez	91803	These apartments will not be affordable for the community who live there and will therefore be of no service to the people who have lived their for decades. Stop gentrification NOW
Mabel Rojas	90022	Lincoln heights is a brown Latinx community, I would hate to see this change!!
Joshua	90031	Development on poisonous toxic materials in ground
Xiana	90063	Fuck gentrification
Augusto Dabos	91101	gentrification is genocide
Sophia Lang	92028	This project will displace so many lower income families and individuals, maby of whom will struggle to find another living situation they can afford.
Nadia mendoza	90041	We don't need more luxury apartments when there's businesses and families who are going to get pushed out. This isn't any city for these people, it's their homes and where they have spent all their lives.
Nadia mendoza	90041	We don't need more luxury apartments when there's businesses and families who are going to get pushed out. This isn't any city for these people, it's their homes and where they have spent all their lives.
Thomasina Sanders	90039	Gentrification destroys communities
Adali Olivares	91770	With little to no public I put, no development of this size should be approved. Especially with the fact that it will affect current residence near the proposed site in regards to the negative effects of gentrification. This includes e
Andrew Orozco	93550	I am a former resident of the area and have family currently living there.

Cesar Hernandez	90019	I am advocating for equal housing rights for minorities. In such a historic location such as Lincoln Heights, La Raza will not be pushed out nor be gentrified
Cindy Balbuena	90063	I used to live in Lincoln Heights, but rent got too expensive. My family, and a lot of families lost their homes. This should not traumatizes the families already living in that area by making it unaffordable. This displacement hap
Alyssa Aldaz	90041	
Megan Miller	90042	I want the people who live there to be able to continue living there. I don’t want people to be pushed out because of a “luxury condo”
Charles Galin	90032	Bringing unnecessary spending instead of the necessary spending in the community
Stephanie Galindo	90032	Bringing unnecessary spending instead of the necessary spending in the community
Priscilla Galan	90031	Unaffordable Housing in a low income area only sends one message to the people who live there, that they are not wanted.
Lucila Caro	90065	To protect affordable housing in Lincoln Heights
Samantha	90022	I support the community not corporations.
Alex Emmons	90031	No more over priced ugly condos in East LA
Isabella Rodriguez	90032	It’s trying to erase and displace the community that already lives here.
Celeste Escobedo	90003	the culture of poc in la is in jeopardy as culture vultures that push gentrification into neighborhoods with Rich history
Maya Chen	90041	This project directly counters the needs and wants of the neighborhood and community. Los Angeles is already suffering from gentrification, and this will only further this crisis.
Jennifer	90023	The rent is making it unaffordable for many Black and Brown families to stay in that area.
Ashlianne Sharma	95747	Gentrification is bad
Dana	91321	Spend money on the people who already live in Lincoln heights; youth programs and community gardens would be a much larger benefit than an apartment that will make the poor poorer.
Orville	90042	It threatens to displace the current residents of the neighborhood.
Sharon Escalante	90033	Gentrification will ruin LA. It’s authenticity will diminish and the people living here will have to relocate and no longer have their homes where they have lived for years due to highly priced luxury apartments as such.
Daisy		Gentrification will ruin a community of Chicano citizens
Valerie Benavides	90033	This building will threaten people living in the community with evictions and could cause rent increases in the community.
Nicole Cavazos	91773	Stop the gentrification of Lincoln Heights to protect the lives of the members of the community
Alexandra Slusser-E	93720	
Destiny	90065	to protect our neighborhoods against gentrification
Cristina Carrillo-Dor	90063	it doesn't not support the community. It hurts it
Janelle Ketcher	90031	Development like this requires community input
Sylvia Ramirez	90031	This housing is not for our community and will only serve to displace us.
jasmine martin-part	90089	
Eireann O’Grady	90027	No community input
Carolina	90031	Because it’s my neighborhood and we should be ask if it’s ok to build something so big somewhere i was born and raised.
Steve	90031	No gentrification
Justine	90032	I believe that people should not be forced out of their neighborhoods by greedy developers!
Jazmin soto	90031	The cost of living will go up, and the middle class can’t afford.
Thalia	91107	Gentrification is violence
Ellie Butler	93953	
Olivia Caplow	90039	It’s just enough already. Not only does it displace human beings... it’s super ugly. “Ugly” doesn’t even suffice as to how much of an utterly oppressive eyesore this building is. Also are we this deeply incapable of reading the r
Monserrath Resend	90023	Gentrification leads to displacement of the community members. I oppose this project because it’ll harm the working class community of Lincoln Heights.
Rebecca Lopez	91801	It will displace the residents of Lincoln Heights and the new residence will not house current residents of Lincoln Heights due to it being unaffordable.
Anna Sanchez	92139	
Esmeralda Dimas-P	90033	I oppose to this project because I do not find it fair, that the council didn’t try to make it public.Also many people will be kicked out and lose their homes, all for money.We need to let their voices be heard and they will be.It is
Adam Verdugo	90029	Because the building threatens the lively hoods and businesses in Lincoln Heights
Anthony Johnson	90007	It’s gentrification and it is trying to erase the community
Emily Connor	90029	This is exploiting the neighborhood and pushing out a community that has been there for a very long time.
Gena Salorino	90031	We need affordable housing not luxury housing
Kristine Escobar	90065	The project threatens the families and communities that reside in the area. This leading to a domino effect whose ending has potential to be catastrophic for some.
Raul Cordova	90031	It displaces disenfranchised people in need of affordable housing
Emily Campos	90002	We need public housing in Los Angeles, not luxuries apartments. The culture of the community does not need to be changed.
Steve Abee	90032	It doesn’t fit the neighborhood in terms of needs and design. You need housing for the people. Not the wealthy.
Grace Gallagher	90020	Displacement is wrong. Everyone need the right to affordable housing in their neighborhood
Asya behram	90026	I love Lincoln heights we do not need another huge developer coming in.
Scott Williams	90031	This is not affordable housing. We have enough luxury housing.
Axel Hernandez	90031	It is not being built in correlation with the wants and needs of the neighborhood!
April	90023	We need AFFORDABLE living not expensive gentrifications apartments that the community can’t afford.
Nicole Y		
Kassy	91342	It is not fair to the people living in this community.
Vanessa M. Peralta	90032	I disagree with the displacement of minorities who have called Lincoln Heights their home for practically their whole lives. I would like to see change for the established community members currently living in the area instead
Marta G	90031	we dont need luxury apartments in our neighborhood, but more parks, other recreational stuff for the families already residing in LH
Emily Schkolnick	90064	Preserve the diversity and integrity of our neighborhoods. Fuck predatory landlords and developers who are only after a profit and are destroying the cultural fabric of our city, exacerbated even faster by the COVID disaster.
Olivia Giron	90042	i hate gentrification.
Vanessa M. Peralta	90032	I disagree with the displacement of minorities who have called Lincoln Heights their home for practically their whole lives. I would like to see change for the established community members currently living in the area instead
Diana murrieta	90023	Lincoln heights is not a place for luxury apartments that will only end up displacing the people who’ve raised their entire families in the community.
Jonathan Sandoval	90031	In my defense and experience living in Lincoln Heights, the volume of traffic will increase, given people commute towards downtown direction to avoid freeway traffic. Pasadena Ave is not wide enough to act as a commercia
Sammantha Rodrigu	90033	Lincoln Heights is a historic community. If the people who have lived here for YEARS can’t afford the rent then why build it ? Why up the pricing of housing that can be used for people who want to live close to their parents ?
Ava	90065	
X	92704	Building luxury apartments in a largely POC inhabited neighborhood in no way considers the context or the people living there. It will directly misplace hundreds of families in favor of creating more unaffordable luxury housing
Katherine Gutierrez	90033	People over profit ! Not profit over people ! Gentrification is a racist act !
Cassandra Gutierrez	90031	
Jazmín García	90031	Para proteger nuestra comunidad
Miles Kantner	19607	
Mikalia Rhodes	92058	Historical reasons and I don’t believe the current residents should become eventually homeless over some unnecessary building development. Let people be!?
Keith b3	90006	Displacement of low income people in our communities is not acceptable! Gentrification is the biggest disgrace to all our communities. We pay our taxes just like everybody else but when those taxes dollars finally start to ma
Jasmine Guerrero	90065	As a homeowner in this neighborhood, I am vehemently against the displacement of families of color in the name of profit for greedy developers.
Zach Fraser	91108	Value the integrity of current residents city.
Angelina cruz	90032	Gentrification will not be permitted!
Lukas E Medina	90631	Build affordable housing for the people that need it the most.. luxury apartments are destroying the communities and culture that makes LA beautiful... Invest into your people... Not rich yuppies that come from other states ar
Isabel Ortiz	92703	
Kharis O.	90031	Our community doesn’t need this, it pushes people out and erases the history of the neighborhood.
Mia pedroza	91706	Peoples homes
Emily	90031	Because gentrification has displaced a plethora of POC and is a huge problem in our community
Noemi G		Lincoln heights needs affordable housing
Kaylee Abad	90033	I think this project is unethical and corrupt.

Evan Main	90031	As a citizen of the Lincoln Heights area, I want to protect my community by keeping development projects away from the neighborhood. It’s a class warfare action out to displace working class people.
Zyanya Blad	90006	Because FUCK gentrification/ FUCK this stupid high end apartment, BUILD AFFORDABLE HIUSING FOR THE COMMUNITY
Karina Vargas	91342	we don't support gentrification in this house
Dylan Agra	90004	
Megan Spatz	90031	It is violent gentrification and will result in long term damage to Lincoln Heights residents. We need to keep the neighborhood affordable and accessible to the community that already lives there
Marcus	92806	Gentrification sucks
Diana Pena	90014	Because luxury apartments are not affordable to everyone and it causes a lot of gentrification and displaces so many people. Look at what happened in DTLA this should not happen again!
alyssa	90033	gentrification, nobody thinks about the people who have grew up here & know this as home.
Frank	90012	The idea that the development of a property this big and neighborhood-/city-altering could go forward without a forum for residents to voice their concerns, objections, and needs is absurd and a gross overstepping on the p
Andrea Gutierrez	90032	Most residents in the neighborhood will not be able to afford the increase of rent and will lead to more homelessness
Andrea Gutierrez	90032	Most residents in the neighborhood will not be able to afford the increase of rent and will lead to more homelessness
Christian Arcos	90032	
Leslie nova	90032	
Brennah	90042	This development will negatively impact local residents and communities.
Shaden Martinez		Creating this luxury building will add to the gentrification of the city of Los Angeles and slowly but surely push out those who live in poverty who can not afford to live there.
Cecilia González		I oppose this project because it is a direct representation of gentrification; those apartments are not being built to house residents of color in Lincoln Heights who are already housing-insecure. They are being built to serve wh
Kevin shiramizu	91001	As a former resident of Elysian Valley, I was priced out of my neighborhood luxury developments, along with many other residents. Our city needs affordable housing where people can live. Not investment properties for wealt
Camille	90065	
Daisy lara	90042	Not right
Crystal Quinden	90031	Lincoln Heights is home to many working class immigrant families that have been here for generations. A luxury condo would price out many of these families that have kept this neighborhood alive. Please protect the natural
Jorge Plascencia	90031	The community belongs to the people; not to the selected few.
Sarah McIntosh	90013	No more NIMBYS
Emily RUIZ-CAMAC	91744	Keep gentrification out of Lincoln Heights.
Daniela Lozada	91506	I grew up in Lincoln Heights, attended Lincoln HS and even though I lived a neighborhood away, (Cypress Park) this displacement and gentrification is enough! How many times will wealthy people profit off of hard working lo
Jenny		
Kerrie	90042	The community already living here deserves to decide whether or not something of this magnitude is allowed to forever change their neighborhood
Antonio Ramirez	90023	FUCK COLONIZATION
Jacob Solis	90065	This building is a threat to the community and is a physical manifestation of political corruption and greed.
eleanor	93105	anti gentrification. housing will be built and no one will move in because the original residents will not be able to afford it
Nico		This development isn’t for the residents that have BEEN living in Lincoln heights, it’s for the developers and gentrifiers that make coin from displacing those working class black and brown communities. This shit looks ugly. It
Asia	90043	Gentrification
Colleen Canles	90041	Stop displacing low income families with luxury apartments
Minh Lam	90031	If we can’t afford the apartment. It shouldn’t be built.
Esmeralda Guzman	90063	our community is being changed, the rent isn’t even affordable for the working class so why build these shits. This will affect our surroundings making shit even more populated
Mya	91030	
Marina Bermudez	91406	This is gentrifying our beautiful Lincoln Heights and causing high risks to the community itself.
shayda milani	90042	preserve the neighborhood stop gentrifying everything please for the love of god
Jenny	90031	I am opposed to gentrification and the displacement of families and individuals who have lived in Lincoln heights and have been part of the community their whole lives.
Darline Lopez	90031	I support low income housing and do not support gentrification.
Frida Gonzalez	90255	Gentrification is harmful towards working class communities.
Bora Lee	91030	Because gentrification is VIOLENCE
LAURA DE LA GARZ	90031	El public de Lincoln heights no quiere este proyecto. En estos momentos necesitamos proyectos que apoyen a las personas de ingresos bajos and a las personas mayores de edad
Sivan Silver-Swartz	90012	
Reymundo	90012	Because Gentrification is Genocide.
Jacob Gutierrez	90041	I do opposed the gentrifications of Los Angeles
Alexandra Gas	90031	Lincoln Heights is defined by it’s community and diversity. Keep Lincoln Heights a safe haven for them.
Nydia Garcia	90026	This isn’t gonna be an equal housing opportunity for the people in the community & homelessness is really high
Raquel Puerto	90031	Gentrifying continuously displaces people of color
Emma Bradford	90031	Stop displacing residents!!!
Jamie	90018	people cannot afford high rent
JENNIFFER Davila	90650	Don’t displace communities that have been there for ages. The fact that they did not inform any of you guys just shows they do not care about the middle class and below.
Aned Martinez	90033	Because my community is not ok with this and the community matters
Edson Escoto	90029	Because it will not benefit the community only drive out residents and erase the identity of the neighborhood.
Marisela Calvillo	90031	It’s pushing people out of homes
Alyss	91801	In a city where fair and affordable housing is hardly available, we don’t need more “luxury” apartment buildings. We need AFFORDABLE housing. We need to reject gentrification and allow low-income native angelenos live wh
rebeca g	90033	gentrification is violence against the people who reside & occupy lincoln heights.
Moises Duarte	90031	UNNECESSARY, LEAVE LINCOLN HEIGHTS THE WAY IT IS.
Carolina	90032	Building “luxury” buildings will bring in affluent folks, pushing out those who have been living in the community for years. It will ultimately add to the gentrification within Lincoln Heights, making the area financially difficult for
Sayah	90032	this project will displace low-income families already struggling to survive in their community.
Alyssa Dancel	91606	My neighborhood of North Hollywood (5minutes from the Arts district) has become significantly gentrified over the course of my 21 years growing up here and I would HATE for anyone to be displaced from their home areas t
Jazmin navarro	91765	It is Inhumane to displace residents that belong to the community. It’s important to cater to the existing community, making sure they are heard and their needs are met!
Robert Z	90004	I'll seen my neighbor get affect by this 'luxaruy' complexs that hard working, low social-economic class people can't afford. It is unfair that the rich can come and displace whenever they want. Enough is enough. Hard workir
Jennifer Ayon	90031	Protect our community
Bree Tomás	90026	Gentrification is modern colonialism. Stop displacing people for profit.
Lisa Chen	90024	Homelessness is one of the biggest problems in Los Angeles despite there being plenty of vacant units. With COVID-19 exasperating these problems, it is unethical to continue with this project and further gentrify Los Angele
Natalie	91502	Gentrification is a horrible and negatively impacting the citizens, rather than helping
Amy Ludwig	90042	This is luxury housing that will not serve the community. It should not have been fast-tracked.
Citlali	95117	We must fight back against gentrification always
Angie Soto	90031	I oppose to this project. Lincoln Heights is predominately a Latino, asian, and recently black community with low income families. Hard working families live in these areas for a sustainable living and we shouldn’t gentrify our
Andrew M	90022	I don’t support gentrification.
Justine Estrada	90031	
Theresa Lopez	91601	LA has way too much luxury housing not to mention our homelessness crisis! We need to stop gentrifying our communities by tearing them down and replacing them with complexes no one can afford or live in
Ian Vargas	90065	It will exacerbate the continued displacement of working class residents of Cypress Park and usher in gentrification pushing more of the neighborhood out of their homes.
allyson garcia	90022	i oppose gentrification
Jessica Herrera	90042	The people of North East LA deserve better than a man like Cedillo who is ready to kick us out onto the streets for profit. We demand better than this. This is our home.
Elvira Gil	90031	It's gentrification!!!!!
Tshering	90042	Because it very shading passed by someone who is not hearing the need of his citizens
Charlie Kanter	91302	Oppose illegal evictions and to stop gentrification in Lincoln Heights
janelle yanez	91605	because fuck gentrification
Alexander Fraser	90039	Gentrification and the development of LA has to slow down.

Fernando Diaz	91702	This petition is not a request. It's a Demand by the 30,000 residents of Lincoln Heights for Gil Cedillo, Pinyon Group and LA City Planning to face the People who will be affected by this project for the rest of their lives. A 468
Grace Haggerty	90042	We need affordable housing, not luxury developments that will increase housing prices and displace current Lincoln Heights residents.
Zoë Takaki	90291	Fuck gentrification
Leslie	90031	doesn’t serve our community any good, it’s not helping the community members in anyway
Kristian Cardenas	90031	Not enough affordable housing. No CBA
Gresia Fernandez	90033	This is the first step to gentrification
Clara Keane	90041	The people of Lincoln heights deserve to be and MUST be heard and taken seriously! Especially during the current pandemic, when millions of people have lost their jobs, fallen ill, or gotten illegally evicted, NEIGHBORHOOD
Rudy Hernandez	90033	Because gentrification is not okay. Those buildings are pushing out our community so that the middle class can move in. We already have enough gentrification going on with the USC Medical campus, so we don’t need anyr
Brandon Mensah	90025	It’s a lack of care and shows priority of expanding land for profit more than the lives of the current human beings currently residing in that area.
Terrence Robinson	90041	Stopping cultural genocide.
Khristine Camarena	90033	Because it erases the community.
Nancy Esparza	90023	what they're doing isn't right
Conor	93108	gentrification is destroying our communities
Carl Cortez	90033	
Abigail Vasquez	90706	FUCK GENTRIFICATION BITCH
Paulina Casas	90075	Creating new apartments for the rich will not benefit the community, if anything this will hurt and damage the community. Most cannot afford to live in the condos you are building and this condos will just increase the price of
Grace Miller	90042	this is not what is best for community
Samantha Ricci	92116	
Ernesto Lopez	90065	Gentrification
Ana Godoy	90280	Although I do not live in Lincoln Heights I work in the Eastside with high school students who attend Lincoln and Wilson High School and have heard from them first hand the struggles their family has endured to make ends r
Izzy	92805	This project will be taking away an opportunity to build affordable housing for those in need who cannot afford a luxury apartment. It is useless and won’t provide anything to our community. It will sit there unused while peopl
Katelyn Vasquaz	90640	
Stephanie Ramirez	90033	They are gentrifying my community and hurting the livelihood of hundreds of locals.
Jerylee	90033	Gentrification is classist, racist, and evil. I do not stand by letting rich white people modernly colonize the hood. It happened before but it won’t happen again.
Ruby	90029	
Oliver Bentley	90017	I oppose the gentrification and displacement of the community, especially for the sake of a luxury condo amidst a pandemic, recession, and housing crises.
Isaac Mendoza		The intentions of these buildings are not to support the community that resides there, but to drive them out.
Aimee Alvarenga	90026	These luxury apartments are not representative of community wants or needs. They do not represent the best interests of the community, which the apartment buildings will be inaccessible to.
Lucy CapittiFenton	91401	Displacement for the purpose of gentrification is horribly wrong and hurts the lincoln heights community that should be protected.
Katherine Salvación	90018	This neighborhood needs to remain preserved. Keep this gross building and the people that will come with it out.
Megan Purdome	90041	Development without communication with the community is inherently a threat to the community. While any such project is threatening, the very least the city can do is offer clear and direct communication and collaboration.
Peter	48104	
Loucin Chrikjian	91304	It will displace thousands of low income poc, mainly of the Latino community, whose existence in Lincoln Heights is crucial to Los Angeles and it’s vibrant culture
Abigail Perez	94066	Gentrification is evil and selfish. Low income families will only suffer more and I will not let that happen.
norma	91776	Gentrification is harmful to those already struggling to live there.
Christina Solis	90032	This project would become the reason low income families that have lived in Lincoln heights for generations to become displaced from their homes
Jonathan Casella	90021	If LH needs anything it’s affordable housing; the last thing it’s needs is this vulgar dormitory of greed and exploitation.
Kyla Langotsky	90024	This type of development should be illegal. Without discussing with the community, you expect to destroy them. Dialogue is a necessity, but also consider how wrong creating luxury housing in a Lincoln Heights would be —
Vanessa Casas	91801	
Chloe salem	91423	
Helen McColpin	91001	Luxury developments hurt the community. No gentrification!!!
Jordan Schmid	93534	The last thing anyone needs in California is unaffordable housing in a gentrified neighborhood full of rich and obnoxious frat boys/entitled elitists, to push out the poor&disenfranchised communities to other corralled ghettos
Romelyn Gutierrez	90004	I am against gentrification.
Donovan Ramirez	90039	It’s a form of neo colonialism that attempts to displace already struggling communities. Put more money into preserving the neighborhood instead of trying to replace it. These same gentrifiers speak down on us POC all the v
Sade Obi	91791	im sick of gentrification
Aurelio Barrientos	90032	Higher rent
reyna	90063	it’s not right!
Christina m	90023	It contributes to the displacement of marginalized people!
Joey Young	91106	It’s not considering the wants/needs of its community members
Cecy avila	90065	Leave our city alone! We don't need your shit.
Frances	90032	This building will add to our problems! It is not for our community, made up of THE WORKING CLASS. Unaffordable and will only encourage the rest of the community to be wiped out!!!!!
Adrianne S	90041	
Lizette	90032	Lincoln heights needs to remain affordable for those who have been living there!! No new homes!!
Jose	90032	Further displacing residents, will not help. Building a luxury complex, will not help. We need to take care of those within the community. This is not the way to beautify the community.
Sofie Armine Dreski	90041	Gentrification is violent! Los Angeles needs affordable housing and canceled rent not luxury condos.
Emily M	90031	Gentrification is wrong!
Lynn Rivera	90065	With homelessness being a rampant problem throughout Los Angeles this will only make this issue worse for our neighborhood and those who have built this community. It will create unnecessary congestion through the buil
Cristine Murillo	90031	As a local Lincoln Heights resident, I can attest that Lincoln Heights does not need luxury housing but rather more low income equal opportunity housing. I do not support the gentrification/uproot of the local community.
Tom Amsbry	91104	it will increase rent and the price of goods and services in the Lincoln Heights area, further gentrifying a neighborhood that is already seeing displacement of low income families.
Kyla	90068	threat to our health and well being
Tuliese Ioau		
Sam Horn	90005	Lincoln Heights, and Los Angeles in general does not need more luxury housing. We need affordable housing that does not break up our communities. I live next to a construction site for a luxury development and it saddens
Jeanette Martinez	90031	because middle class and lower wouldnt be able to afford this plus this doesn't fit into our community
Uriel	90031	We dont need it. This only raises rent for those who are already apart of this community. This will slowly kill our community over time.
Kimberly Lara	90042	I oppose this project because the community will be affected by this project for the rest of their lives. Building this development is a form of gentrification, which is a form of erasing our community and placing violence on us.
Christian Gutierrez	90280	
Oskie Mignon	90040	Keep large projects out of small communities. This will displace current residence (mostly of color) in favor of rich white folk and distort the current Latino culture that thrives on that area.
Natalie Mercado	90039	
Ashely	90032	Why take without asking
Adriana Soto	90031	We need more affordable housing for the people in our community; no to gentrification and the displacement of the people in our community.
Ashley Hernandez	90031	NOT GOOD FOR THE COMMUNITY
Andrew Lujan	90032	How about fixing the issues in our community first, before inviting others in. We have bigger issues at hand.
Johnny Hinojos	90031	Bad for the community
Alexandria Villarreal	90660	It’s detrimental to our neighborhood . build it in Beverly Hills
Gwyneth	91024	A 468 unit Luxury development at ave 34/ Pasadena Ave is a threat to our health and well being.
Gerard Mellini	90022	It was fast tracked during a corruption scandal. The community does not need to be gentrified and have renters displaced
Erin Espana	90002	
Lidia Bressoud	90032	This does not serve the working class BIPOC community that has been living and residing in Lincoln Heights. This “project” is meant to erase and displace the diverse working class community. Lincoln Heights says NO to ge
Carla Majano	91502	I have family that still live in Lincoln Heights. We need to support our community whether we still live there or not , we need to be the voice for those who cannot speak up.
Kimberly Delgado	90303	The project is spurring more gentrification and displacement. There is no room for displacement during the course of a pandemic. Furthermore, this will disrupt the low-income communities /residents of Lincoln Heights.

Brenda galan	90031	Because this is something that should be done to help Communities , make these for low class working not for wealthy people to come and take what we have worked for to keep as ours .
Justin Ruiz	90042	Because FUCK gentrification
Irma Sanchez	90031	It will bring increase cost to living and begin to push those who lived in the area for years out.
Kia raab	91024	
Isabella Granados	90022	This project would bring white folk to the hood raising the rent for the long standing residents eventually driving them out. Gentrification erases communities of color. Gentrification is genocide.
Helen Alonzo Hurta	90019	While I don't live In Lincoln Heights, I work in this neighborhood and I oppose this project because it will displace my students and their families. We do not need more luxury apartments, we need and demand affordable hou
Skylar Echard	91030	Stop displacing residents from their homes to build luxury apartments they destroy neighborhoods!!
Michael Caballero	90032	it will increase gentrification creating a dramatic increase in property values and create more property taxes for people who may not be prepared for that putting people out of homes and forcing renters to be displaced
Alicia Miyares	90065	ITS NOT EQUITABLE
Leticia white	90042	You are running out good restaurants and other people's homes! No need to do this! Leave the neighborhood alone
Iris Jill Aranda	90027	Because it'll hurt the community and it'll displace families.
Shirley	90031	The community will be affected so as my family.
Candelaria Morales	90004	You can't move the people
Marco Covarrubias	90065	Because this land must be used for affordable housing at minimum
Devin	91504	Gentrification is a horrible thing and we need to keep our Latin communities in tact so they can enjoy the place they've always called home in peace.
Vincent Acuña	90031	Because we don't need Gil's disrespectful neoliberal policies affecting our communities and opening the flood gates to displacement via gentrification. If he wants to represent well off whites, go run for a seat in West Hollywo
Donna Tran	90011	This is extremely harmful to a community of low income, working class folks who need affordable housing. Many of them have built a legacy spanning generations in this area. Building more apartments with NO rent control d
Joanna Ruiz	90022	Gentrification is not the answer.
Isa R	90716	This project will affect so many people living in Lincoln Heights. Gentrification ruins lives !
Majadi Patterson	90301	
Paulina curiel	90039	It will raise rents for the community and force people out. This "luxury" project is unaffordable to the existing community so why put it in their home? Go put it in a higher income area where its not a burden to people
Miguel Munguia	91331	Gentrification displaces people of color and this will negatively impact the people who reside in this neighborhood. We need more affordable housing in Los Angeles, not luxury condos.
Jessica brooke touc	32533	I used to live in LA. Regentrification is happening all over the US and while it may boost the economy temporarily it is a permanent issue on the citizens living in the area. We do not need high rise apartments for the masses b
David salazar	90026	For the preservation of the existing community and culture that resides in Lincoln heights, it must remain there as it is the way the people enjoy it
Alec Reyes	91016	
Allie Kiekhofer		I am a lifelong LA resident and have watched countless LA neighborhoods be consumed by gentrification by way of luxury housing, which destroys existing communities people en masse into homelessness. Lincoln Heights
Kristina niessner	90041	Gentrification
Kimberly	90005	Community members needs must be ensured over luxury development projects.
Edith	90875	We don't need luxury housing now, we need affordable housing now ESPECIALLY because of the pandemic. So many people are going to be evicted, this project lines greedy pockets and doesnt help the people.
Carlos Carmona	90031	It will skyrocket rent in the surrounding area, causing low income, hard working people too vacate because of high rent.
Andres Montesinos		I have suffered gentrification once before and I can say that it is no a fun ride
Victoria Trinh	90020	It's displacing folx who've been living there. It also isn't a project that was asked for by the people!
Darcy Bartoletti	90031	Because Los Angeles is unaffordable to live and it's getting worse.
Sara Horn	91403	
Stephanie Hernande	90017	No gentrificación!
Emily	90034	fuck gentrification!!!!
Rosa	90255	Gentrification affects the lower class community in a negative way.
Juan Lopez	90003	Gentrification
addie	10011	
Nat Tereshchenko	90004	This community needs affordable housing, infrastructure, and economic support NOT luxury developments that will further exacerbate the housing crisis. Developments like this are DESTROYING communities
Erica	91344	
Cristian Ramirez	91711	Because community matters
Lily James	90068	It promotes gentifrication in Lincoln Heights.
Kyla Gelev	90004	I am against the unlawful eviction of people and also gentrification for the benefit of white people and businesses that do not care about the communities they are destroying in the process of gaining wealth.
Jack flores	90065	We need more affordable housing projects for locals to move out on there own and the ability to stay within the North East Los Angles area.
Kevin Chu	90012	Gentrification displaces working class communities and encourages people who do not contribute to the local community to come through and wreck it bc it is "trendy".
Yvonne Gavriel	90042	Projects in communities are suppose to help and benefit the people who have been there. The establishment of this building will only affect the community in a negative way! The building will displace families and possibly lea
Jake Peters	91776	No gentrification
brandy alvarado	90065	This would be displacing so many people who have lived in this community for years. Lincoln Heights was my home for 8 years and I know it is a community for the middle class families. Do not take this from them. Stop disp
isabella jacobe	91203	
Briana Rosas	90042	There's a homeless crisis in LA county, and there are families that need affordable housing, seniors need affordable housing, immigrants need affordable housing, and college students. Stop building luxury housing for the wh
cyndy	90042	because it is gentrifying the neighborhood.
Danni Fry	90033	Yes do not build this monstrosity
Yajaira Villarreal	90031	Because I live here and I fear displacement
Lauren Garrett	90025	Because people shouldn't be displaced during a pandemic! Where will the residents go when the rent inevitably rises because a gigantic corporate housing unit has taken up abortion of the community.
Jay	90012	
Zion	90032	gentrification is 21st century colonialism
Sabrina Herrera	90031	We don't need more unaffordable housing in Lincoln heights
Angela	90031	
Enrico Cortes	90057	Longtime residents will be displaced from their homes. Rent increases to the area will result in a large amount of illegal evictions and many elderly residents will be forced on to the streets.
Leslie Santiago	93550	I am currently not living in Lincoln Heights, but I used to live in Cypress Park up until 2016. The reason I live in Palmdale now is because of gentrification efforts and building projects like this one. I know what it is like to be dis
Priscilla	90021	
Blanca Rodriguez	90031	I am a resident of lincoln heights and im scared of getting displaced
Belen	90032	
Claudia Guzman	90031	New project equals gentrification. The goal is for affordable housing for low income families.
Erbey Pineda	90031	As a low income person creating these luxury apartments will only kick low income families from the area. It is wrong that they Latinos, Hispanics, and African Americans as pieces of meat.
Luis Landeros	91342	Gentrification is violence
lyric	90057	there are enough luxury properties in los angeles - we need affordable housing with community in mind
Jaqueline	90031	
Hector Montano-Re	90031	It's gonna rise the price of rent among the people whom live in the neighborhood.
Conrado Huerta	60629	No gentrification no more oppression!
Diana Betancourt	90039	This project will only provide housing to the rich. It will cause a domino effect of further increased rent due to gentrification. No one in the community will benefit from the project.
Dalia gonzalez	91104	This will drive up the price of living in this neighborhood.
Andrew Miranda	90039	We can't stand to continually see the blatant racism towards working class minorities and their communities within these kinds of actions and its time they listen to us.
Shar	91208	I oppose the project because Los Angeles is built on history not luxury apartments.
Amairani	90033	I oppose because community members are not being included. The project is not for the community! In which will only serve to displace community members.
Ezekiel Stratton		This development hurts 90% of Lincoln heights residents. This development is a blatant and obvious attempt to displace a population in a largely rent controlled area and shift demographics away from the minority communit
faith	91302	the people of licoln hights are here and deserve to be heard
Amanda Sanchez	90022	minorities should have a say in what they want in their communities, especially when it comes to having housing that's actually affordable
Daneyda Garcia	90031	As it is homelessness has become a greater issue for families in the community there is need for affordable housing not the opposite

Naomi Clements Ge	90031	It is harmful to the Lincoln Heights community because it will displace the families that already live there
Oona Foley	91030	Fuck gentrification
Anahi	90031	The reason I oppose this project is because I will not stay here and watch my community disappear. A lot of things won't be the same. I say NO to these "luxury apartments"!!!!!!
Joel Martinez	90031	Bad
Vanessa López	91342	Gentrification only harms those who live in the area and either makes it harder for them to survive financially or drives them out of the homes.
Daneyda Garcia	90031	As it is homelessness has become a greater issue for families in the community there is need for affordable housing not the opposite
Briana Gonzales	90031	This will ruin the community!
Gabriel reyes	90031	Because this is are neighborhood there trying to push people out with high rents. I personally know people that got kick out of there homes or forced to move out cause there either scared no papers or don't know they right
Laura	91423	Very against gentrification
Jennifer Aparicio	90031	A "project" like such does not help the community. It only allows luxury to be seen at a wider range than before. If this was an attempt to help the Lincoln Heights neighborhood, developers would work on affordable units tha
Ahladini Veerina	90041	Displacement is not ok, the people of Lincoln Heights must be heard.
Jacqueline	90006	My family is from Lincoln Heights and I'm tired of rich white people colonizing every inch of my city, forcing natives out.
Diana J	90031	Gentrification and displacement are preventable, although the developers might have invested to create this project, it is not a project that is meant for the community that has lived in and created Lincoln Heights as we know
Diana J	90031	Gentrification and displacement are preventable, although the developers might have invested to create this project, it is not a project that is meant for the community that has lived in and created Lincoln Heights as we know
Diana J	90031	Gentrification and displacement are preventable, although the developers might have invested to create this project, it is not a project that is meant for the community that has lived in and created Lincoln Heights as we know
Penelope Uribe -Ab	90032	I work as a city employee at the Lincoln heights youth art center. This project effects the constituents we serve because it poses a threat to low income housing, we don't need a luxury development . Not to mention the traffi
Desiree Garcia	90640	I oppose the project because I have been a member of the Lincoln Heights community in Los Angeles since birth. I was raised in Lincoln Heights.
Daviona Moore		I oppose this project because this is gentrification at its finest.
Anna Gonzalez	90606	Because it's wrong and not helpful for the community of Lincoln heights
Jacqueline Mejia	91030	I oppose this project because I am in community with people in Lincoln Heights and their lives are not being regarded with this project, in fact their lives are being blatantly disregarded and treated as disposable. It's violent a
Christine Severin	90004	We don't need another big apartment pimples! Overcrowding, years of construction, no parking, tearing down trees, close to an elementary school... the reason goes on and on. Please don't allow this!
Abigail	90031	To stop the illegal evictions and prevent further gentrification to the community
Annie Woods	91103	It is not fair to change a historical neighborhood just to make expensive, generic "luxury" housing.
Isabella scaffidi	90015	
Yazmin	92701	I oppose the project because the community of Lincoln Heights deserves their elected officials to have their interest be a priority. That is not the case by building a luxury building that the most of the community cannot afford
Stephanie Morales	90032	I'm opposed to the project because I feel Lincoln heights don't need this luxury high end complex. We need affordable housing instead and help in the community.
JESSE sanes	90031	Bc it will destroy the fabric of the LH community and erase generations of culture
Kirsten	90065	To preserve the genuine charm of Lincoln heights
Jason Venzor	90007	I oppose further expansion of gentrification in beautiful Lincoln heights.
C. javier Rodríguez	90065	aside from there been homes and building already there. this will only increase the cost of rent, increase cop harassment of houseless folks and POC and contribute to gentrification of our communities.. ei. more stupid coffee
Lonnie	91755	Lived here when for years when younger/anti-gentrification
Jose Alvarez	90031	Working class family homes should not be preyed on by investments groups.
Jonathan Maghen	91602	Affordable housing is a human right
Julio	90031	Gentrification
Andy soto	90242	Prefer to keep my opinions to myself
Mariana Romero		It would take away a school so close to the Community . It would also bring non necessary bickering when we are happy the way things are there .
Victor Heras	90033	Completing this "project" is a form of gentrification and should not be displayed in a powerful, diverse working class neighborhood. The people must have a say in such a "major" development
Sharon	91344	Gentrification leads to impoverished people to homelessness with no care.
Johnny Langan	90027	This is a disservice to an established neighborhood. Not only is this project unnecessary, it is actively detrimental to the existing community (which has already had to navigate the negative impact of gentrification). This will fo
Michelle Jarmon	90065	Ask the community what it wants. No gentrification.
Martin M Gonzales	90031	we need apartments. Not luxury apartments the people who live here can't afford those .causing people who would live here leave ..we don't need rich generalized people here that will try to change our culture!
Jaime M Reyes	91104	This is the PEOPLES LAND! You're just pushing all the hardworking people who built and worked their whole lives here for people to enjoy hard work we've done to survive here and for them to know no history!
Krystal Diaz	90031	This will cause displacement to many low income people in our community.
yodit	2118	unfair to the people that live there
Jasmine		This will take away from the community more than it will provide.
Lillie Campos	90032	Gentrification has no place in Lincoln Heights. Build affordable housing for its residents instead of luxury housing for outsiders.
Aaron Elvis Jupin		It's displacing a community in a multitude of ways. We don't need any more of these high end apartments that are not only and eye sore but also don't provide any housing for the community it's moving into.
Elsa Teodocio	90005	Because it is not made to benefit the people who live there or of low income. These new homes will end up forcing people who live there to move because they need to make space for construction and later will cuase rent to
Corina Perez	90032	Community displacement
Amanda Lucido	90029	Because this housing development is erasing the culture of Lincoln Heights as well as the livelihoods and opportunities of individuals who have lived there for generations. It is an extreme example of negative gentrification ar
Molly Miller	90065	This building does not have the community at its interests
Stephen Sariñana-L	90031	Project scope & scale inconsistent with community's carrying capacity.
Jose Avila	90032	I do not want this long standing and beautiful community to be erased by pure greed.
Rachael Buley	90046	Buildings like this are ruining the city
Nicole	91786	I grew up around Lincoln Heights, there's a clear sense of culture and community, and building this would put a gaping hole in it.
Ellen Connaughton	90029	I don't want to see another LA generation get priced out of an east side neighborhood
Gisselle Mauricio	90065	It will cause gentrification and bring more trash to the river
Rich Thach	90031	It doesn't help the community already there.
Zoe Peretz	90019	Let people be able to afford their living spaces! Stop moving families out
Ariel Quist Sprawls	90031	We are in a CRISIS right now for renters and low income families. Please, do not put so much money toward luxury housing. Do not let wealthy people exploit the goodness of this area. Use the space for the people who nee
Elsie	91202	To build a building that will change the lives of MANY, the cities OCCUPANTS must have a say in these plans. We say NO to sneaky development projects that know damn well we don't want them. If they made affordable ho
Francisco Rodrigue	90032	Everything can have place in this city, but not in this working class neighborhood- where low income families living there will be pushed out to accommodate white rich people
Gabey	91740	i don't support gentrification
Jessica Noriega	91723	Absolutely disgusting.
Ian Betancourt	91201	Families who've lived and strived in THEIR city for generations will be removed for the selfish act of making profit off a building that does not belong in that neighborhood.
Samantha Williams	90033	This project has the potential to displace families who make this community, and inconvenience those who would continue to live here if the building does go up
Gisselle Ulloa	90023	I oppose the project because it is important to reserve as much community history as possible, gentrification is one of the biggest problems out there for low income communities that seem appealing to the more fortunate t
Maddie Velasco	91709	This is my hometown and we need to keep the gentrification out!
Arlene Alvarez	90006	gentrification will not be tolerated in our comunidad. Before they build multi million dollar condos. Fix the community and help the people!
Charlotte Umanoff	80210	I used to live near Lincoln Heights and spend time there and there's no way in hell that this project will do anything but harm the communities that have called LH home for so long. Projects of this scale should ALWAYS requi
Samantha Perez	90031	We need affordable housing and the ability to voice concerns
Marlene Deras	90031	Gentrification is harmful
Brianna	90504	
victor go	90014	investing in the communities as contributed, voted and approved by the folks who live there is absolutely necessary to keep gentrification from displacing folks who have built that community.
Lucia Borunda	90003	Because gentrification is a killer
Kristen tiscareno	90011	We need affordable housing for the already residing people of this state
Lavonne Ramirez	90065	We need affordable housing in Lincoln Heights.
Matthew Flores Figu	90042	It is destroying the culture of diversity that used to exist in LA
Catherine	91101	We need more AFFORDABLE HOUSING in LA, not this junk!!
Georgia	90042	Because of my demographic, I am complicit in gentrification. I want to do what I can to counteract the effects of my presence in NELA.

claire gianoli	91342	i do not believe this will benefit the residents of lincoln heights
Shelby Gogreve	90042	Gentrification and disrespect to community. Will harm families and businesses.
Tess Langseth-DeP	90042	This project will displace Lincoln Heights residents and is a violent act of gentrification.
Evelyn R. Cornejo	90039	I have family and friends that live in this community and the more "affordable" buildings they do the more expensive it will become and they will be forced to move
Evelyn R. Cornejo	90039	I have family and friends that live in this community and the more "affordable" buildings they do the more expensive it will become and they will be forced to move
Sophia Li	90063	To fast track a development that will drastically change and rapidly gentrify Lincoln Heights without involving the community at all is unethical and will only hurt the residents of Lincoln Heights.
Pedro Villaneda	90031	Gentrification without limitation or accountability is segregation, and stealing.
Karla Guardado	90031	I oppose the project because the majority of our community rents and rent is expensive enough as it is. This will only push out the people will no longer afford to live here. It will break out community apart.
Ciaran Brown	40204	This project will only hurt the people who have lived in Lincoln Heights, some for generations. The intent is not to invest in the community but to change the community.
Julia Driscoll	22207	It will harm the existing community
Madolyn Gianoli	90033	
Matea	90039	Because what is needed is more affordable housing. This development only further gentrifies an area that needs protection from gentrification.
Lua K	90024	
Barker Thompson	90039	Gentrification ruins communities.
Nellie farrow	90042	Gentrification and displacement
Stephanie Lopez	90031	These luxury apartments will not benefit the Lincoln Heights community. I have been living here for over 25 years and I have seen how neighboring communities have been affected by gentrification and even Lincoln heights.
Anahi Gildo	90031	The soil is toxic
Guthrie King	90036	Gentrification is violent action on the longtime residents of any neighborhood, but especially Lincoln Heights. I am vehemently opposed to “new development” that excludes the current economic make up of a neighborhood.
Sebastian Lara	91502	It is racist
Miriam Gabriel	90042	Projects like these do not contribute to the community in anyway.
Robbyn caudillo	90032	Keep gentry out of Lincoln heights
Samantha	90063	
Blair Windette	90018	Luxury apartments are not good for LA. How many empty units are around the city right now? Do better for the people
Danielle Groode	91401	Gentrification harms the people and the community
Karlin Eddo	90068	It will squeeze out more affordable housing. We need more affordable housing not more housing for only the wealthy. Plus it looks terrible!
Teresa Perez	90042	Stop pushing people out of their homes
Sakkara Payne	85020	From my what I have read and researched: no one in Lincoln Heights was given a heads up about this. This happening right under the communities nose, and that, is vile. As well as all to similar to The Berlin Conference of 18 I am against destroying The Culture that thrives in Lincoln Heights. The Culture that has always been there, that has been fought for, that has Roots; deep into the hearts of the People. I am not a resident of California, but I was, for 5 years. I’ve been to York Boulevard in Highland Park. Seen the vast difference of what is and what used to be. The Culture is hanging on by a thread and They have the scissors I am against Gentrification because it benefits ONLY white people, and their interest. It leaves POC and low-income families with absolutely nothing. For who? White people that ALREADY run this country? No. This is not 188
Frances	90272	We need affordable housing not gentrification!
Daniela Aviles	90031	I oppose this project because it is furthering the gentrification agenda in Lincoln Heights.
Luz Colunga	92570	The gentrification of the small communities of color must END NOW. These communities have had enough of being pushed out of their homes simply to satisfy powerful white people with money.
Denise Espinosa	90065	Unnecessary
Arianna Zamora	90063	Because if those homes are built no one will move into them and they'll keep trying to make lincoln heights into a wealthy area and the Lincoln heights we know will be erased
mae powell	94607	the neighborhood should be for the people! this gentrification needs to be stopped.
Xochi Maberry-Gaul	90039	It will price out residents who have been living in that area for generations.
Addison King	90041	The largest modern construction project in the city’s history should provide more transparency than is currently being given. Let the community speak!
Elena Grimaldi	11237	Gentrification at the sake of people’s homes and livelihoods is not cool!!! Invest in neighborhoods / areas don’t rip them apart for a “luxury” experience 🤮
Sabrina	91803	Gentrification
Barbara	90031	Overcrowding
Teagan langseth		
Thor Fienberg	90065	Unethical
Madeleine Giles		
Eren Vazquez	90031	I oppose this project because we need to keep Lincoln Heights in tact and they’re only doing this to wipe away our people who are only trying to survive.
Saya Maeda	90041	
Saya Maeda	90041	
Katherine Delgado	91801	This project does not have the community in mind and is only focused on the monetary gains created from this development. This will not help to create a healthy ecosystem in the community and will displace so many peopl
Eva Townsend	90039	I oppose development of Lincoln heights and the increasing cost of living for long time residents of the area
Grace muller	91104	
Mario Guardado	90004	This project will displace many low income and minority residents from their homes during a time of income loss and increased rent.
Gary lopez	90065	this project will be an eyesore that is an open invitation for the eradication of the culture of the people who made this neighborhood what it is.
Debbie Hernandez	90065	Itll enable increasing property costs of the surrounding areas in a neighborhood that is already in the middle of fighting gentrification
anythony	90063	i dont support the continued attempt to displace low income communities by building luxury apartments who will eventually raise the price of rent in the community
Martha Topete	90031	Lincoln heights has been my home since I was born and it cannot get gentrified
Cristabell Fierros	90031	Instead of building a condo, build affordable housing especially during economic travesties and pandemic turn out. Lincoln Heights has a high population of low income tenants and majority are elders. This also does not insu
Sofía	90031	This is one of the oldest neighborhoods in LA. I don’t care about flashy new condos. What we need is a community that supports all the businesses and families along Broadway. There have been a few “hipster” places openi
Marlene Arteaga	90033	
Miryam	90031	It does not benefit those living in LHts
Claire coudray	91786	I oppose gentrification of this area
Ariel Climer	90005	I have seen high rise developments go up around my neighborhood in Ktown and many low incomes families have lost places to rent. Just because minimum wage went up a little bit doesn’t mean people can afford rents $1(
Joshua Camacho	90031	THIS DEVELOPER AND THE CITY OF LOS ANGELES DO NOT CARE ABOUT ITS RESIDENTS!!! THIS MAN WILL PROFIT AT THE EXPENSE OF THE PEOPLE WHO HAVE LIVED HERE FOR YEARS. HOW DOES ANYONE TH
Madaline Nevarez	90032	
Jacqueline M Colinc	91405	gentrification is not ok.
Saul Narro	90042	It does not belong in Lincoln Heights
Naomi Rubalcava L	94707	I live in the Bay Area where gentrification is an ongoing issue that pushes working class communities out of entire cities and neighborhoods. I know that this is an issue that I have contributed to, and so those of us who have
Gabriel Gutierrez	90065	None of the affordable housing units have benefited residents along with the liquor licenses approved for incoming businesses that are not in support of the community. Adding this luxury development is antithetical the healt
Leigh Marks	90031	the rent is too damn high in this neighborhood already.
Yanet Lopez	90031	Because it’s not fair to cultural history.
Vanessa Duran	90042	I am against the gentrification with a 468 luxury apts to the city of Lincoln Heights, jeopardizing the community with majority of members being minority and unable to handle the gentrification ramifications to the city.
Bella Bilandzija	91001	Stop removing people from their homes. This will only create more division. Listen to your fellow people.
Dylan Sanders	90042	Corporate development destroys the historical culture of Lincoln Heights, leading to more homelessness & poverty of already marginalized communities
Daniela Hernández	90023	We must stop displacement of Lincoln Heights residents! Luxury apartments are not wanted or needed; we need more affordable housing to address the needs of our community.
Laila Jaffer	91106	Luxury apartment buildings have no place in East LA with the city’s current housing crisis. We absolutely have no capacity for this kind of development right now, especially with so many current residents in need of such diffe
Alana Bradley	90031	The economic recovery that lies ahead post-pandemic is long and fraught. This development will not pump money into our neighborhood, but into the pockets of investors, management companies, and developers outside th
salla	91104	
Alexandra Brown	90065	We need affordable housing for the community. No luxury high priced units at all should be built here!
Alessandra Okuma	90063	I'm against gentrifying our communities
Pedro Gonzalez	91770	Time and time again, new “developments” tag along with increased rents and erasure of culture and history. People will be forced to move out of their community and potentially into the street. By the time this project would
rudy f	90007	we need to protect local communities !!!

Kelsey Aloise	90042	We need affordable housing, not fast tracked luxury condos with zero community input!
Joell	91791	For the people that have been living there for years
Tommie Leon	90037	It’s going to damage the community that has been there.
Nicolas Gomez	92675	This luxury development project failed to properly inform, and include, the residents of Lincoln Heights. Any meaningful dialogue that may have authorized, or given consent to the project, bypassed the neighborhood city cou
Nicolas Gomez	92675	This luxury development project failed to properly inform, and include, the residents of Lincoln Heights. Any meaningful dialogue that may have authorized, or given consent to the project, bypassed the neighborhood city cou
Ireri	90033	We need affordable housing in Lincoln heights not luxury apartments. There is already a housing crisis here which has gotten worse as a result of Covid 19. This mass project will contribute to the displacement of working cla
Katherine Borkov	11209	
Julie	90012	No more gentrification!!!
Alejandra Colon	90042	It does not support the current low income families that live in that area.
Janice Santiago	90031	This will only mke it worse for existing rent controlled housing already at risk. Stop this gentrification in my neighborhood.
Lesly Monsalve	90033	Because Latinx and Asian American communities should not be displaced. Community before profit.
Joe Rodriguez	90031	It is another project that will displace moreresidents of our community of Lincoln Heights.It is also illegal and the community of LH was not taken into considertion
Addis Daniel	90016	We need more low income housing not luxury Apts
Jeffrey	90031	I don’t think it’s a good idea because it’s in a low income community and if it gets build it’s going to rise rent in other residential areas. I live in a rent control building and having affordable housing is important. I totally underst
Felicity Alexander	90031	Gentrification. Traffic. Noise. Disrupting the neighborhood. Neighborhood doesn’t need it.
Lisa Nicola	90042	Public health!!!
Rebecca Schroeder	90042	This is an awful addition to the community.
Alex Fernandez	90031	This is marginalization of underserved families and poses a danger to the cultural integrity and economic stability of the community.
Daniel Soto	90036	As a fellow resident of the city of Los Angeles who rents an apartment—and who relies on the city’s rent control ordinance in order to afford to live and work here—I stand in solidarity with the residents of Lincoln Heights who
Naomi Menezes	90004	The prevalence Luxury units being built in Los Angeles is detrimental to the health and community of the city in the long term
Naomi Menezes	90004	The prevalence Luxury units being built in Los Angeles is detrimental to the health and community of the city in the long term
John Lam	90031	All the dust and pollutants from demolition and building
Citlali	90022	I do not want to see another historic neighborhood get overruled by the wealthy. Fight it as much as we can.
Henry Perez	90031	Our community needs affordable housing. Luxury housing leads to displacement.
Joseph Lorge	90012	We do not need more unaffordable housing developments that displace members of the established Lincoln Heights community
Kasey Ventura	90032	We’re in a housing crises and witnessing folxs being displaced - during a pandemic we should house the most vulnerable not create luxury housing
Gabe Allanoff	90290	Gentrification is an act of violence, racism, and white supremacy, and we will not allow it.
rhiannon wilson	90004	
Charlette Gibbs	91604	because genification is apart of systematic racism, especially within larger cities.
Ashley Velasco	90017	I have witnessed hundreds of families go from a one bedroom apartment to their cars if they're even lucky to own a car. We need to stop and consider that not all families are making hundreds of thousands of dollars a month
Sydney	94112	So many citizens will be displaced. They will lose their homes just because a luxury condo will be built there. No one living in Lincoln heights can afford a luxury condo. Gentrification needs to stop.
Valerie vargas	90065	It will be pushing out current residents who are there and raise prices in the neighborhood forcing generations else where in a city that is already expensive
Frances	90039	The installation of new apartment buildings in areas primarily inhabited by POC is an act of violence! It’s a capitalist device to drive long-time residents out of their homes and allow white, upper-class intruders to move in.
Lucie		Displacing families is violence
Hilary Siegal	90004	We need to protect the surrounding community and their best interests, which this project goes against.
Arabelle Van Ranzo	91106	
Rafael Guzman	90065	No need for luxury apartments in this area. When the current residents and population in the area can't afford it, it is a problem.
Daisy	90032	
Michelle Reyes	91343	Gentrification sucks!!!
Audrey Harrison	90012	Fuck gentrification. They don’t even know the neighborhood they are in, says enough they don’t deserve to be there they are crooks.
Laura Recchi	90026	Unfair housing development practice
Carina Zamora	90031	This project will only pose a threat to our low income community and vanish it.
Sophie Yun	91107	
Adan Alonso	91801	We need more affordable housing, not luxury apartments. I respect everyone’s right to make a profit but not at the expense of people being able to afford a home, apartment, or be subjected to exorbitant rent increases base
Kevin Caballero	91780	Residents were not spoken to regarding the construction of the building. Encroaching gentrification. Unsafe building.
Rocio Vela	90031	The community would not benefit from the project one bit. First the rent would be so high that the community could not afford the rent. Then the additional traffic the project create. Lastly the wast it would create. Environmer
Angelica Loa Perez	90640	This development will further gentrify the Lincoln Heights community. Our current, largely immigrant and low-income residents should be prioritized over the interests of outside investors and developers. Lincoln Heights neec
Nicole Battaglia		86% unaffordable housing in a community with a median income of 30K amounts to forced displacemebt
Katherine M	90023	Gentrification has been at its high in Boyle Heights; Our rent has skyrocketed in the past several years due to the area being built for apartments that are beyond our cost.
Janette	90022	
Martha Vazquez	90065	Because it will bring price up of rental for people in low income community of LH. Also after what jose huizar did no project should be allowed of rebuilding apartments to gain profit.
Kaivalya	90024	Gentrification is parasitic. It displaces so many folks. Lincoln heights is a strong and beautiful community. Do not dismantle it.
Brian Ocaranza	90031	We don't need more people here. We are crowded. Are schools here are small. We dont want the whites and rich to move here. No no no. Why not build another school. Genterfication!!!
Lia Gamino	90031	We do not need this huge project in our small community. Also, no one ever asked the people of this community for our input.
Jose	90031	I oppose this project because it won’t benefit the community it’s just going to create hoax and a lot of traffic! This is a step to gentrification and that is what is planing to happen in Lincoln heights. We have to stop it before it l
Oscar Zaldana	90031	We don’t need luxury apartment in Lincoln Height. This project will increase illegal eviction. This project will hike up the rent in the neighborhood. The people in Lincoln Height didn’t get a say on this development.
Juliana Aguirre	90031	Because we have luxury apt and it will take away for what we stand for as cummunity
DEVIN	90031	
Bethsaida Brooks	90042	stop gentrification in our communities!
Steven Alatorre	90032	We the people affected by gentrification know all to well the affects and aftermath of such a project. The only ones who don’t seem to consider or care are the developers funding these projects and those that will live in those
Meg		Because the people do not want this and disrtbing nature
Sara Silva	90026	It is not fair to build luxury apartments in an area where the current people living there cannot afford. This will displace many families who have been living in the neighborhood for generations and invite more gentrifiers.
Tessa Williamson	90011	The ground is toxic, this is unhealthy
Antonio	90063	If the housing doesn't benefit the community or isn't community friendly then it can only damage he community
	90031	After knowing that Jose Huizar was paid off in order to approve developing plans why aren’t we putting a hold and reviewing all plans in Los Angeles County. How do we know that Gil Cedillo knows what he’s doing or that he
Stacy Dawson Stea	90039	1) With one member of City Council already under FBI investigation for development-related crime and corruption with others to follow - all projects that were passed through the gate without proper community input and dial
Lauren Bollinger	90042	Working people of Lincoln Heights deserve affordable housing! Not luxury developments that will only further displace them and lead to gentrification.
Teagan Jarvis	90041	It will impact too many negatively
Kiara	90031	It will displaced a ton of people and break the community we worked so hard to maintain.
Angel d	90031	Our community needs affordable housing, not luxury. Luxury housing will also bring forth gentrification and displacement of longtime residents.
jasmine figueroa	90201	people i care about are being affected
Victoria Urenia	90031	This project does not serve the needs of people in Lincoln Heights. This unaffordable luxury apartment project would lead to further displacement and gentrification of our community.
Emilia P	91208	I don’t believe renters should be evicted to make space for gentrification of their own community.
Andrea	89139	Anti-gentrification
Dominic Colangelo	90029	I oppose this project because it will further displace the citizens and split the community of Lincoln Heights. With its rich history embedded in Los Angeles culture, the project will be a divisive factor in the community for gene
Jay hernanez	91402	cultural values
Michael	90031	No public input ... density impacts
Kristen ann	91118	Stop gentrification. Stop greedy developers.
Lukas Jann	90039	Because it is a force of gentrification in a classically low income community. The methods being used to secure this space assume that no one will speak out for the people being pushed to the side, so we must speak out.
Ian H	90065	Putting luxury units in a place where homelessness is on the rise and people are struggling to keep their houses during a global pandemic is morally reprehensible.

Andrea Aguilar	90065	Oppose
Kenndra ayala	90063	I want to preserve my community I don’t want it to be gentrified like highland park is
Kimberly Menjivar	90031	low-income families need more opportunities and resources to escape their struggles and move forward to provide a better lifestyle for their children and themselves.
Nicholas Gehlken	92154	This project is for pure economic gain. Massive amounts of money generated from this project will go into the coffers of developers who do not know or live in the low income community of Lincoln Heights. The area is in cris
Sabrina Farooq	91007	Gentrification is evil!
Carlos Gomez	90011	Say no to gentrification!
Tiara Jackson	90026	I oppose these “luxury” units being built as this will only GENTRIFY Lincoln Heights thus displacing thousands of residents and families. It will do nothing but add to the housing/houseless crisis in LA. NO ONE WANTS THIS!
Nicolette Norgaard	90019	This is unnecessary, unaffordable housing that is negatively gentrifying Lincoln Heights
Celia Fonseca	90031	Son demasiados apartamentos para esta comunidad que ya de por si carecemos de recursos..el trafico seria un caos..aparte ya tenemos escuelas sobrepobladas..
Victoria	91780	
Alexander Propios	11221	It’s gentrification at its finest! Black and brown people will be forced out of this neighborhood that they’ve occupied for GENERATIONS! Stop this corruption!
Ian Nelson	91780	This project seems to clearly lead to the displacement of many Angelenos. It is unethical & greedy.
Victoria Urenia	90031	This project does not serve the needs of people in Lincoln Heights. This unaffordable luxury apartment project would lead to further displacement and gentrification of our community.
Vance Pfaucht	90041	Gil Cedillo is carrying on the elitist political culture that has plagued Los Angeles as a "major city" (and not a virtual city-state with it's own economic atmosphere, impoverished underclass and sizable homeless population) ar
Jessica Navarro	90034	People deserve affordable housing not luxury shit that no one can afford. Plus that building will make the area even more expensive, causing more people forced out from there homes. It time to demand affordable homes/apa
Jay Carlon	90042	The Pieter Performance Space has been home to many BIPOC and queer people for over a decade. Loosing this place, having just closed last month, has been tragic, and to see that it’s becoming luxury apartments is the ep
Juan Castro	90065	It doesn’t benefit the community of lhts
Margaux Hernandez	90270	The community needs affordable housing.
Natalia guerrero	91776	
Dafna erana	90042	Gentrification is violence; housing injustice is racial injustice
Jennifer wong	90031	We don’t need more unaffordable housing in Lincoln heights! Gentrifying developers need to get out of and stop trying to profit off of our communities. I am a homeowner here in Lincoln heights and I oppose this project.
Melissa Mateo		
Ruby	97217	I oppose gentrification of any neighborhood.
Lupe Davalos	90033	Just another project meant to run out low income residents. How can you make luxury apartments in a low income neighborhood like this? That's so unethical. People here are already struggling and as renters, they're susce
Brenda Zhang	90039	This project serves outside interests at the expense of Lincoln Heights communities. We don’t need more speculative development anywhere in Los Angeles or in this country. Power back to the people.
Leigh Adams	91001	I love this community for its life and culture. This proposed monstrosity has nothing to do with either of those things. It is more of an invasion than an improvement. Insufficient planning, where’s the parking? Yuck!
Ariadne Makridakis	91205	I don’t believe in the wrongful eviction and displacements of people and communities that have lived and sustained Lincoln Heights for years with zero transparency or community input.
Kelly Majewski	90026	It is an outrage that there has been no public outreach for this project. LA is a city in a pandemic, in a housing crisis, in a climate crisis. We should be looking at ways to help the community that already exists there and in the
Nickole Broom	90041	gentrification is detrimental to the ORIGINAL people who deserve to live there!!!! instead of throwing away the black & brown folx of your community, why not invest & better the ALREADY EXISTING communities & housing! c
Gabriella Sanchez	90014	This area needs more affordable housing. Not luxury apartments.
Amanda Medina Se	90041	I oppose this because of the impact it’ll have on further displacing residents. People over profit.
Nancy	91744	Gentrification disrupts the minority population negatively
Felisa Vasquez	92507	I oppose the project because being from South central LA, I know what it looks like when many people are displaced because they cannot afford to pay rent. As well because I know that if my family lived there, they would nc
Mia Miranda	90280	
Alyssa	90022	I do not want to ruin our neighborhood with this
Esmeralda	90023	There is a need for more affordable housing instead of luxury!
Blanca Martinez	90031	We need more affordable housing in our community not for profit/large business that will disrupt and displace people at risk in our community. These developers know nothing of the community and do not seek to enrich it. They seek to profit and they are not wanted here.
Yuzu	90041	It’s unacceptable to displace people especially in the midst of a global pandemic.
Ricardo Parada	90067	the community deserves to have a larger say in what is happening in Lincoln Heights, this is just furthering gentrification and forcing out longstanding families and resident
Isabel Norsten	99041	We need to support communities now rather than investing in development that harms communities by displacing them and leaving them out of pivotal dialogues. Gentrification is violence.
HBN	90031	Soul of the neighborhood cannot be regentrified -
Marilyn Hernandez	90022	We need affordable housing
Angel Jimenez Jr	90032	Is against preserving the cultural normality and stability of the current residence.
Skylar Cummings	90041	I oppose the development and the gentrification of the communities who live in Lincoln Heights
Joe Merrell	90027	We need affordable housing in the city! No more unaffordable luxury (and often vacant) apartment buildings!
Alexis Torres	89147	Luxury apartments like this make places less affordable for the minority communities.
Joe	90034	It’s accelerating gentrification, it’s environmentally hazardous, and it’s disrespectful to the community of Lincoln Heights as there is no genuine community outreach or engagement- it’s just “checking a box” something the Ci
Sophannarot Sam	90042	
TeaganKowitz	91321	
Ivy	90041	Because it is unethical and selfish to allow for gentrification that will increase illegal evictions in Lincoln Heights and contribute to many families and individuals being pushed out of their homes. There already is a lot of gentrif
Angelina Long	90031	This project is not favorable to our community and it’s going to put us at risk. Residents will be displaced and our community will be further gentrified.
Puja Titchkosky	91207	Because they are taking homes away from brown and Black people and families to make another building that LA does not need.
Magdalena Olivas	90032	I oppose it because it'll increase rent and people in this community will be forced out more than they already are. I oppose this because it is not for the people of Lincoln heights
Jose Olmos	90031	Opposition towards this project because this development will not address affordable and sustainable housing in the area
Pinkie Young	90031	I used to live around the corner, please protect this neighborhood from increasing gentrification! I saw many families get evicted from our block, and our neighborhood!!
Misty	90031	
Marvin	90031	Parking issues, land issues, home displacement, gentrification, the business of the street in mornings will cause for chaos to the neighboring school
Edith		
Jocelyne Sanchez	90032	I saw how luxury apartments accelerated gentrification in both of the neighborhoods I grew up in, South Central and East LA. They are violent and displace so many of our wonderful community members. We don’t need mo
Marissa Guangoren	90031	They are trying to run us out of our own community .
Paul Pescador	90031	
Adrian Chavarin	90031	I use to live in 1848 1/2 Workman street for 22 years. We where forced to move out and inky got offered about 10,700 but at the time money didn't matter. The problem was that my dad was go injured while moving out the ho
Anya silverman	90041	The project will displace people who have lived in Lincoln Heights for decades. We do not need it. Listen!
Rochele Gomez	90042	The only housing units that should be built right now are affordable housing units. This large development is for the rich and will make the area unaffordable for people who have been living there for generations. People are
Kate	90004	The cultural diversity of Lincoln Heights is at risk.
Kate	90004	The cultural diversity of Lincoln Heights is at risk.
Sanne Hamelink	6217 NN	
Cristina Garcia	90031	A low income neighborhood has no need for luxury apartments.
john burtle	90042	
Whitney Woodard	90019	There are already people living on the land. Don’t take it away from them. Serve the people not businesses.
Amara Higuera	90031	Developers are violent and this city allows for violence and pain to be inflicted on the people of LA everyday.
Aliza	90029	
Zac Flores	90033	People Over Profit! Community oversight over new development to ensure it’s equitable and combats displacement.
Nadia Franco	91205	
Sebastian Gil	90031	this project will kick out hundreds of poor renters out of the community and the community will become gentrified and thats not right. People who have been living here for 50+ years have developed a sense of community an
Danielle Torres	90033	Been removed from housing before due to gentrification and the retail selling of the property.
Lluvia Higuera	90031	Because it will contribute to more displacement.
sasha	91381	i oppose the displacement of members of lincoln heights community, these projects amplify gentrification, furthering racial inequality
Sergio Sanchez	90031	I can't fathom why this is even a question. But it's obviously the right thing to do.

Janet	90210	It’s gentrification and destroying what stood there before. This wealth could be used to aid the homeless and lower income areas but no, it’s going to be made into overpriced, prison-like apartments that demand renters mak
Janis	90031	Gentrification is violent, racist, and unnecessary. I implore these politicians to think about what truly serves the low-income POC population of Lincoln Heights. Instead of putting money into this market-rate project which will
Iris Licea	90002	Because things become more expensive for the community, they should invest in the community not take from it
Jennifer wong	90012	Stop gentrifying our rich and diverse LA city. We need to invest in people of color and not turn everything into a eden for Karen’s. We lose our identity and become every other corporate cut out city. When you travel across Ar
Maya Bon	90290	gentrification is an insidious scourge that eats away at communities, at neighborhoods. we need to reframe how we view the term "development" so that it is focused on the betterment of the people who live within a propose
Ruby Corona	90063	Unaffordable housing and gentrification
Marissa samayoa	90031	Preserve our community to what it actually is
olivia biera	90012	it is not affordable housing and lincoln heights is dense enough in population. plenty of units are already empty in dtla.
Isabel Muller	90042	
Carolyn A Hauk	90031	We need less gentrification in the rare few historically black and brown communities. Keep housing for all available. This will raise property value in the area and kick hundreds out from their homes due to rent rises. Also they'
miri hindes	90041	it is wrong for our community. out of scale. it does not serve long time residents. it is poorly planned. will change the area forever. greedy. out of touch.
Kyle Lydic	15963	
Sarah G	91803	DO NOT GENTRIFY LINCOLN HEIGHTS. I spent a large portion of my life here and my grandparents still live here, they are senior citizens, this would cause immeasurable damage to them and the community! PEOPLE BEFO
Jimena Iaso	90032	Because it promotes the displacement of wetlrking class families (gentrification)
Stephanie Guzman	91342	This housing is not for the community! Rise up and speak up against gentrification.
Jordyn aamot	91801	The project will kick out the current black and brown communities.
Brian	90038	By building projects like this and not including any local community leaders is wrong and bad for the feature of the community. Gentrification sucks !!!
Stephen Kamhi	90023	Need to involve the community when making decisions like this!
Kayla	90006	We need to preserve the neighborhood and the people in them. Big corporations do not need to move in and displace locals.
Chelsea Hughes	90004	Because we don’t need more expensive high rise buildings in LA
Adrian Martin	90031	Housing is expensive in LH already and this project will only increase our rents. This community is low income
Maya	92345	There’s probably no people of color that can afford this housing so it’s not right.
Gemma Lurie	90064	gentrification is war on low income communities and cultural genocide on poc. People over profit always. These city officials are in bed with landlords and developers and poc experience the direct impact of this greed and u
Nathan Lee	93063	Because FUCK these rich idiots and their stupid money. They think they’re so smart but they can’t even fathom the suffering of another human being. They’d sell their own family for more cash I swear. These type of people a FUCK YOU PINCUSHION GROUP U FUCKING LAMEOS
Promise K Williams	90242	gentrification hurts communities. It pushes out hard working people who worked hard to build their businesses.
Sophia Torres	90032	Having New apartments at higher cost for rent is a way to move black and brown communities out of their homes.
Marco Cervantes	90063	i don’t like gentrification.
Steven Garcia	90032	It will only cause suffering.
Isabella	90027	Developers are ruining peoples’ lives
Javier Alvarez	90031	Because I believe it will ruin the livelihood of Lincoln heights.
Tom Norris	90031	There is not enough affordable housing. We do not need luxury apartments with sky high rents!
Chloe Welmond	90019	People over profit !! Gentrification is violence
Mayra lopez Ramire	90031	I have lived in this community for 26 years. I went to the Elementary across the street from the property. This project will cause lots of problem in this area, traffic will be created. Making the school zone not safe for the studer
Natalia Guerra	90274	Because gentrifiers are displacing long-term residents & that’s impacting mostly poor brown people. People have strong relationships to their space and their neighborhood communities. Wealth & capitalism should not interr
Loki Blaque-Lee	90017	
elspeth	94102	stop gentrifying the last remaining affordable neighborhoods. money does not culture make, and building these would begin to erase the identity of those who live there, by catering to the gentrifiers and not putting this mone you can't cover up culture and silence a neighborhood for the sake of profit.
Olivia Onek	94110	It will push out communities of color and cause gentrification.
Radha	2466	
Maya Schubert	90031	This will displace and disrupt the community in Lincoln heights, for something they are not asking for and do not want.
Erica Barrios	90015	This is not serving the community it’s being built in. Luxury buildings are taking over this city without ever being fully rented out because NONE OF US CAN AFFORD THEM. Yet still more are being constructed. Stop destroyi
Wendy Lau	94704	Housing crisis in LA is getting worse every year. I've seen my hometown, HLP, getting gentrified through my high school years and it pains me to see my neighbors being forced to move out because they cannot afford rent. K
Diego Espino	90063	I went to High School in Lincoln heights (Bravo High School). Its my community, and I know that the apartments being built will not be affordable for the families in the community. This in turn will lead to wealthier individuals r
Tyler Le	90031	We dont need anymore evictions in our neighborhood. Prices for rentng have gone up throughout California, and now this luxury apartment that clearly no current Lincoln heights residents can't afford?!? No thank you. This p
Ariel Molina	91304	The Heights is an innercity that consist of individuals who are middle/ lower class, it doesn't seem right to make profit where it doesn't belong.
Camellia Aftahi	92025	
Mason Allport	90012	The last thing this neighborhood, and LA as a whole, needs is a luxury development. We need affordable and/or FREE housing now to keep families in their communities.
Jennifer Moreno	90031	
John Conant	90026	Affordable housing for all! Invest in communities! Stop gentrifying them! All neighborhood developments should be led by the neighborhood!
Jasmin Morales	92553	I’m oppose to this project because it will not serve the community and only harms the community.
Morgan Henshaw	91107	The community needs affordable housing options, not luxury living! Folks are being forced out on a weekly basis, families that have been Lincoln Heights residents for decades. This project spits in the face of the community.
Siobhan Furnary	90031	We should instead use the space for a community garden. Something to uplift and enrich the community. Thank you.
Ariel Bustos	91106	
Hannah O	90049	Gentrification harms the disenfranchised, the poor, those of color. It must be stopped
Natalie	90041	
Danny Palacios	90031	My neighborhood
Sophie Prettyman-B	90802	This project would displace even more low-income people who have lived in the community for generations. The entire nation is going to need a long economic recovery period due to the pandemic, and this will only create n
Joel Garsy	90065	Lincoln Heights is one of the last remaining neighborhoods of LA. I support its residents.
Kevin Fistanic	90066	End gentrification, protect our diverse cultures!
Jorge tapia	90031	I oppose gentrification.
Justine Juarez	90032	It will displace already suffering residents and increase the already increased homeless population. Lincoln Heights does not need luxury apartments it needs affordable housing.
Patricia	90026	Infiltrating local communities and removing locals from their homes due to increases in housing. These apartments are ugly and ruining all culture of Los Angeles
Angelina Nieto	90031	Gentrification is bad
Brooke Ely	91208	Current residents shouldn’t be evicted so rich people can move it
Stacey Perez	92521	I oppose this project because it’s destructing the Lincoln Heights community! We need more resources for our people not more luxury complexes.
Claudia Carrillo	90022	No
David Camacho	90031	Inefficient, unethical project
Maggie Quan	90031	This project is a threat to the community that makes Lincoln Heights what it is. For far too long our neighborhood council and powers that be have sold the community out, to USC Keck and other communities. What little ren
Sally b	90031	Endangering community and local businesses
Julia	90039	Do not absorb a section of this community and therefore push out opportunities for the local community to engage with this space.
Bhavini Patel	90047	It displaces thousands of family-owned businesses and will only widen the gap between the poor and the rich.
Leidy castillo	90031	This project will destroy Lincoln heights and it will leave many tenants without a home.
Daisy Elliott	90011	The community needs to be a part of this conversation. They need a seat at the table.
Nathaniel Carbajal	90031	Gentrification
Diana Subdiaz	9177”	I’m opposed gentrification. The residents of Lincoln heights would be negatively impacted by the project. Rise in homelessness.
Suzanne Nordberg	90031	I’m new to the neighborhood but if this project is being pushed through without the local community being able to voice their concerns then it is just wrong.
Luke Forsyth	90031	Not consistent with neighborhood
Michelle Suarez	90065	The Lincoln Heights community needs to have a say on housing developments. Housing developments change so much in a neighborhood, and the city needs to do its job to include the voices of the communities, especially
Eduardo Sanchez	90008	Against gentrification

rosemarie camacho	90063	this housing does not help the community and will help to displace many families as they are priced out.
Borrah Jackson	90001	
Marialicia Gonzalez	90031	It will hike up rent prices and further displace our current residents!! NO GENTRIFICATION.
Melissa Palacios	90031	
Wendy Chu	90031	My family has lived in Lincoln Heights since 1985. Our community needs affordable housing for immigrant families, not luxury condos!
Madison clark	90057	This project does not help the community, it hurts it. Luxury developments such as this one suppresses neighbors surrounding it and excludes the working class from reaching attainable housing. This is unacceptable.
Glafira Lopez	90605	This project will eventually lead to people being displaced because they will no longer be able to pay the cost of rent, and people in the area can't afford the cost of rent for this building.
Benjamin Whistler	97214	As a former Californian, projects such as this pushed me out of California; as a child of landlords, it's easy to spot a project detrimental to an entire neighborhood's character. As a grandchild to one of the 1990 ADA's archite
Nina Hadzi-Nesic	90041	Because it's unfair to displace lifelong residents and because this project would increase homelessness the city says it wants to solve. Because putting profit and luxury apartments before people (and before consulting with t
jessica meza	90001	i oppose the project because it is unfair to the people already living there. not only will the rent prices rise, but parking spaces will be hard to come by, and they'll be uprooted because they won't be able to stay in a new fanc
Gisell	90040	I do not support gentrification
Isabella Sanchez	90042	Inhuman
Andrea Kraybill	90042	No community input, displacement of local residents, favoring gentrification with no consideration of the local community and residents who will be affected for decades to come. Shameful behavior!
Jonas Mosesson	90026	Because gentrification needs to stay out of Lincoln Heights
lauren espinoza	90032	I don't want this in my community as it will negatively impact people like my grandmother and cousins who live there.
Chantal	90040	Gentrification is a threat to the well beings of local, situated residents.
Meesha Merat	90057	We must protect long time residents. This 'luxury' apt building is not what the people need or what - listen to the people. Understand the harms of gentrification
Alondrq	90018	Its a hazard
		its a hazardous threat to our communities health and well being!!!
David Foster	90255	Gentrification does no good to low-income communities. It just pushes people out instead of elevating them.
amber	90028	highly oppose
Sam F	90065	LA needs affordable housing
Crystal Carrera	90242	We need more low income housing not luxury apartments.
Vanessa Franco	91723	Not really they did this in highland Park and also in boyle heights this is not how it was in 1940s 1950s or 1960s this is 2020 kicking people out of houses or apartments that is really wrong to raise the rent up high people can
Jonathan P Douglas	90065	I stand with my neighbors as a member of the working class myself. We need affordable housing not more gentrification.
Katharine Pinney	90031	Oversized, will increase traffic (and traffic already backs up on Pasadena Ave), we don't need high end developments let alone ones that have to architectural thought to their "design" or the history of the neighborhood, the re
Vanessa Giannini	90031	1. It's too large on a two lane residential street. 2. It is an ugly box in the middle of beautiful historic homes. 3. Not enough parking for such a huge influx of residents. 4. You haven't listened to what the neighbors want. Los Angeles has deep history especially this arts area. This building and all of the new developments are hideous and will not age well. Developers deep pockets need to stay the hell out of NELA
Olivia	90012	
Jill D'Agnenica	90031	We have plenty of luxury housing in Los Angeles. We need more affordable housing. Especially in our working class neighborhood.
Brent Armendinger	90031	We need actually affordable, rent stabilized housing, not more luxury developments!
Kate MacQuarrie	91103	
Daryl Bergman	90004	
Ikee cosby	90032	
Kathryn Endler	90066	This project disrupts the community of Lincoln Heights by raising rent in the neighborhood, pushing people out of their homes, and threatens the cultural community by operating under the assumption that they have the right
Alejandro Tapia	90031	I want to keep my community affordable for its local members.
Kristen Rederscheid	90042	The economic fallout resulting from the current pandemic is about to exacerbate the ongoing housing crisis in Los Angeles. Not only is NELA and District 1 already experiencing record homelessness, but impending mass evi
Spenser Theberge	90065	We need to support community based developments NOT profit based developments!!
Ruby Martinez	90065	The community needs affordable housing or some type of resource center rather than a luxury complex that brings no community benefit. My neighborhood is experiencing an increasing problem with the homeless where the
Abdul Qutub	22182	Because I support working class people
Jaden Mckernon	90012	it will force people out of their homes and its unfair to the community living there
Jeff	90015	This is an egregious wrong. Plain and simple.
Jessica Burk	91006	
Sophie Richman	90065	Because it will disrupt so many of our neighbor's living situation and it has clearly not been planned out with any consideration of those who live nearby.
Lauren L	90012	This will raise rent in surrounding areas, drastically affecting the low income families that live in the community.
Sandra Guerrero	90031	It will hurt our community
Nic Yim		
Diego	91001	f gentrification
Pamela Cohen	90042	We need housing developments that are designated 100% for very low income tenants to stem the housing crisis and keep our same neighbors, not evict them.
Calvin	90032	There is no place for luxury apartments in Lincoln heights. La city council should work on developing affordable housing for tenants and their constituents, the People who voted for them in the first place.
Mateo Celada	90004	It's WRONG
Jhani Randhawa	91106	I do not live in Lincoln Heights though I stand in solidarity with my community there in their thriving. Developers such as Pinyon have taken advantage of the health and human services crises exacerbated by Covid-19, as wel
Ashley Ayala		Taking away affordable housing
Sylvia Osorio	90031	I was born and raised in this neighborhood. I went to sacred heart high school. Lincoln heights is my home and we have all Struggled together in this neighborhood. Now to have someone come in and destroy the neighborhood just so a big company can come make $ off of us the working class is ridiculous. These ppl have worked hard to have t
Jessica Ceballos Ca	90042	
Philip	91001	Because the building of these mostly luxury units exacerbates the housing crisis by inducing the gentrification of the neighborhood, which is historically made up of brown and asian people. There are environmental implicatio
Diane Bedrosian	92010	I spent time in the area at USC Keck School of Medicine. This project is much too density for the area. It will be a disaster and will displace people and leave people homeless.
Carolyn Krammer	90031	This is happening everywhere. Developers are trying to get rid of lower cost affordable housing. They come in and bulldoze communities and leave them without housing. Our neighborhood needs to be strong and do not si
dimei wu	90024	LA has a housing problem that disadvantages poorer people who are often minorities, and this apt doesn't fix the housing problem! More housing is not the answer, and a luxury multi unit apartment is definitely not the answe
Evan Perkins	90065	The income of the general population in Lincoln will not correlate to the price of rent here. The community doesn't want or need this building.
Alyssa Kahn	90031	This development will displace too many people
Clint Dodson	90031	
Melissa sisneros	90031	Stop taking away from our community !
Drew Fournier	90031	Free, prior, and informed consent coming from the lincoln heights community that cares deeply about their neighborhood and stands to be drastically affected by a project of this magnitude is absolutely necessary for this pro
Anh Montealvo	90031	Our streets and community resources cannot handle this influx of traffic.
Laura Stinger	90065	As a neighbor of this zip code I often come to Lincoln heights for community dance class, to eat at small locally owned restaurants and to enjoy the small scale diverse streets on walks around the area. I stand in solidarity wi
Gustine Fudickar	90027	Rent hikes ultimately driving residents out of the neighborhood
Fatima Austin	90065	Yes
Angie Town		
Kate O'Brien	90048	This is going to displace families from an historic neighborhood and they deserve to be heard. It's unethical. Stop letting developers with deep pockets be the only voice dictating how the city changes.
Janet Sarbanes	90065	Why does it always have to be luxury housing? Why not housing for regular people?
Max Himelhoch	90026	
Saul Narro	90042	It's not hearing the voice of the community and they should before any type of development
Clement Tsang	90031	Gentrification and profiteering.
Sheriden Smith	90042	Lack of affordable housing options for tenants, blatant gentrification, and a lack of community inclusion on planning.
Drew Fournier	90031	Free, prior, and informed consent coming from the lincoln heights community that cares deeply about their neighborhood and stands to be drastically affected by a project of this magnitude is absolutely necessary for this pro
Francis Nguyen	90042	This project will proportionately displace and marginalize the Latino/Lincoln Heights community even more. No more gentrification of long term residents by greedy developers. That housing project being proposed is not for t
Sage Sims-Bleser	90230	To protect thriving neighborhoods from opportunist and harmful development that does not serve the community

Laura Bartczak	90039	
Alexis Diaz	90031	I live in this neighborhood and I don’t to be affected by those “luxury” apartments...
Jesse	91733	Gentrification is a horrible thing and it will raise the annual income of the region
Samantha Mazzola	91606	I oppose anything that will induce gentrification and displacement of marginalized communities
Liam	91030	It'll artificially raise the annual income of the region
Rita Kassak	90042	This will cause displacement and it is NOT affordable housing. We are sick of luxury housing that sits empty and has no regard for those who actually live in the community.
Juan Chantes	90031	This will start the gentrification of our community & will push the ones currently living in the area out. Who will live in these buildings? Upper middle class? Stop abusing our community.
Mary McGuire	91205	LA does not need any more displaced people. This would no doubt be the outcome of such a project.
RICHARD MCCART	90031	Not sufficient parking, height concerns, traffic, pollution and close to or on the site of former designated hazard material area.
Adriana Meza	90031	All this project will do is displace the people of our community and bring in people who’ll will gentrify it. This is unfair to everyone who lives her since it won’t provide enough affordable housing for our current residents.
Daneyda Garcia	90031	As it is homelessness has become a greater issue for families in the community there is need for affordable housing not the opposite
L. Campos	90042	I demand transparency from elected officials. The community deserves to be heard. This development will contribute to more displacement, traffic and pollution.
Ben Bekey	90042	Housing is a basic human necessity. LA doesn’t need more luxury housing, especially in Lincoln Heights where most residents are working-class renters. There’s corruption at every level of this project, from not consulting residents to fast tracking during a pandemic to planning a parking garage on a documented environmentally toxic site to the developer bribing non-residents
SHeffer Bruton	90065	This structure does not fit with the current or historical style of the neighborhood. It will block views and significantly change the value of the property surrounding it.
Viri Gamino	90031	I’m against the developments in place
Martin Cervantes	90031	I oppose this project because if it passes many more people will be displaced from their homes. We don't need more gentrification around here.
Liza Galvan	90031	The fact that there was no community input and the developers lack knowledge of the area and safety factors. There's is distrust and there seems to be a hidden agenda for this project. The potential displacement of resident
Haruka Sometani	90019	Small communities must be protected and not forced out by the developers.
Luz María tapia	90031	These buildings will ruin our community
Jaime Gamino	90031	I’m against gentrification. Protect the community.
Marilyn Gladle	90065	1) Parking, mixed use status should not apply, Density, Polluted soil open to environment, Streets can not handle the additional projected traffic, the small metro stop if used, will be impacted so that current users will not be a
Xavier Flores	91101	No more unaffordable luxury condos, if you want to build something build low income housing to house the record high homeless in LA
Albert Lopez	90039	I went to school just west of Lincoln Height, I know the neighborhood well and have many friends there. Such a development would shatter the social framework and sense of community in this predominantly Latino/Mexicar
Michelle Litchfield	90065	The vast majority of the people who purchase these units will own at least one car per unit, particularly in the era post-covid, when Metro is no longer safe and those who can afford to avoid it drive themselves instead. (And t
Samantha Garcia	90031	NO, there’s no need for it. No parking, more problems.
Emily Tetri	91207	This would destroy a neighborhood and culture and force people out of their homes.
Sandra Martinez	90031	
Rebekah Lasarow	90037	It doesn’t support or give anything to the community. There is not nearly enough low income housing in the planned apartments planned.
Jennifer	90031	This is not beneficial for our low income community
Olivia	90042	This is not what the people of Lincoln heights want. Respect the community! Don’t build this building!
Lilia Jimenez	90065	The building would negatively impact the community.
Justine	90031	I live in Lincoln Heights, this is a small diverse neighborhood with a lot of Ma & Pop shops around. You can just see & feel the history all over here. This type of project will only hurt the residents of Lincoln Heights and serve n
Kelly Rodriguez	92395	It’s gentrification of a city that doesn’t want it, nor do they need it.
Bianca juarez	90031	TO STOP WIDE SPREAD GENTRIFICATION IN LA!
Thomas Hallett	90031	That monstrosity belongs in a field where no one will see it, not ruining the place I call home. Strongly opposed to this so called project
Lucas Celler	90031	This building is a result of corruption and it should not exist
Claudia Acuna	90033	
Penelope Jones	90065	Too dense for an already crowded area; no high rises in our area; no affordable housing; adds to already bad traffic situation
Mia Huitzil	90031	The community of people residing here need to have a voice available for them and deserve to have a say in what is being put in our communities.
Cecilia	91606	
Phoebe Kobabe	91204	No more Luxury Apartments!! This is not that the community needs.
Wendy Gutschow	91030	Gentrification is wrong and unjust. Lincoln Heights has already suffered due racist systems being put in place. That have affected home ownership.
Ariel velasco	90031	With the current housing crisis in Los Angeles, it is disgusting to build luxury apartments anywhere. Stop gentrification.
Dario sanmiguel	90031	Prefer low income uncorrupted projects
Skarleth Herrera	90022	i oppose because our community needs to take care of its own community before they take care of the needs of outsiders
sam wentz	90039	because gentrification is violence
Veronica Rico	91331	Porque el proyecto va ha deslojar a mucha Gente de la comunidad y no va haber recursos suficientes para la gente que van a ser deslojadas. Entiendo que El nuevo establecimiento va a tener 'low income tenants' pero ya se
Layne zolninger	90031	It does not represent the community. It is ugly. The site is not safe due to toxic waste. It does not include anywhere near enough parking, and there is not sufficient space for 500 more cars to park in the neighborhood. This project is a perfect representation of the ugly face of gentrification in Los Angeles. The design is soulless. And it will only be rented by wealthy white people from outside of the neighborhood. It does not serve Lincoln He
Linette C Woron	90042	It looks like the City wants to turn Figueroa into Wilshire Blvd- there are many people who can’t afford the rising rents. I myself am disabled on a fixed income 1/2 what I used to make when working, just hanging on. And I ow
Dydia DeLyser	90031	A working-class community like Lincoln Heights cannot sustain over 400 luxury housing units.
Aren Zolninger	90031	This housing is not for our community and will only serve to displace our lifelong members.
Anita Martinez	90031	Out of scale with our historic community. We need housing for our working class community that is increasingly getting pushed out of homes in this area. Luxury rentals are going empty in other neighborhoods, namely Down
Alan	90031	Too many units, not enough parking, overall disruption and disrespect to the community including paid shills to pose as residents in support of the project. No one in the neighborhood that I know supports it.
Jocelyn Ortega	90063	lincoln heights doe not need luxury housing. it needs affordable housing instead, we need to keep the people in that community safe and not gentrify the area. Hear what the community has to say and listen to their needs!
Miguel Ayala	90032	I oppose this project because it is an attempt to erase the Black, Brown, Asian communities and we will not stand for this.
Miguel Ayala	90032	I oppose this project because it is an attempt to erase the Black, Brown, Asian communities and we will not stand for this.
Michael Shifflett	90031	Excavation will release harmful chemicals in the vicinity of a residential area and an elementary school. Proposed number of units per sqft is too dense. Lack of parking spaces will cause undue burden for existing residents to
Renee salazar	90031	We Need Low IncomeApts.To Help Familys Struggling !!!
Jeri Ruiz	90031	I’m signing because I oppose this giant project that brings nothing but congestion and more displacement of our longtime residents.
Christopher Richmo	90031	This project is to dense for the block, under-parked and there have been inadequate soil testing.
Joyce Fortune'	90031	No affordable housing assigned in the development. Size not suited for community.
Ian Endsley	90031	too high density , too expensive
Sky Spiegel	90031	I fear for the life and we’ll bring of myself and my family as funding and resources get poured into new plans that will leave us vulnerable to the affects of gentrification. I ask for a say and pray that you all will listen and we will
Michael Alvarado	90004	It’s wrong!!!
Michele Young	95666	It’s a great area. I used to live near by.
Melissa McNeely	90042	This development goes against the community of Lincoln heights in a staggering way. Neighborhoods are not just land to build expensive developments on, they are created by people, over time, that know each other and bu
Laura maxwell	90039	We need affordable housing, not overpriced luxury condos.
Noemi	90026	This project will displace people in need, those who diversify Lincoln Heights, those who make up this beautiful culture in LA.
Sammi spatz	90065	
Monica Jarquin	90302	I oppose this project because what we need right now is affordable housing, not luxury apartments!!
Anna Eisenman	90031	
Adam young	90004	This is going to create huge problems for the existing residents of Lincoln heights!!!
David Camacho	90031	Inefficient, unethical project
Mara Fisher	90031	This would be the largest housing development seen thus far in Lincoln Heights and does not represent the needs of the current residents of our neighborhood. This development would increase illegal evictions and fasttrack
Michael Navarro	90031	Not enough affordable housing units
Marcela Galeas	90033	This project was done without the consent or knowledge of the affected community. The people in this community are already in a difficult situation, going through with this project will only make their situations worse.
Zinzi Edmundson’s	90065	Cruel eviction of neighborhood businesses, ruthless greed, blithely (racistly) dismantling YET ANOTHER community... I could go on!
Oscar Flores	91754	A project of this magnitude will increase illegal evictions in Lincoln Heights and contribute to the Ellis acting of multi family properties.

Matthew velis	90015	Historic areas should be kept how they are. Lower income areas should be crept how they are with improved education and resources. Stop kicking family's out with no where to go
Samuel Bosson	90031	This does not do anything to help the community of Lincoln Heights.
Kevin Lessley	90027	This development does not benefit the people of the community. It's not what they need. It's another eyesore in our city.
Daneyda Garcia	90031	As it is homelessness has become a greater issue for families in the community there is need for affordable housing not the opposite
Caleb Lyons	90026	I demand an end to this huge development that was secretly slipped by the public in a pandemic. There must be a dialogue with the people in the community of Lincoln Heights before another unaffordable monstrosity ruins a
Bruce Harrison	90712	I grew up in that area and would be a shame to see this building go up.
David Camacho	90031	Inefficient, unethical project
Clementine creevy	90042	Terrible use of funds!!! Please nobody wants this!
Marianne Verrone	90026	
Xenia Holm	43202	
Flynn Nicholls	90042	
Edith Almader	90031	
Amanda Gomez	91011	468 Luxury apartments at ave 34/ Pasadena ave are a direct threat to our community
Joan Robles	90065	Because they're trying to force hard working Latinos outta our community, no one right now during a pandemic can afford luxury apartments. And now with people coming forward that they were being paid to be pro for the p
Patrick Albertolle	90041	It would completely destroy the neighborhood, the transplants will bring nothing new.
alexandra wuest	90065	This project doesn't serve the residents of this neighborhood and would exploit the neighborhood while displacing current residents.
Sandra Herwerth	90031	Size of proposed development out of scale for already densely populated Lincoln Heights. Lack of parking will result in tense situation for residents and will cause conflict. A suden population explosion of up to 2,000 new re
Jon Coplon	90042	We support including affordable housing in projects this size
Kae Whalen	90031	A lack of affordable housing in Los Angeles does not justify the violence of eviction and demolition of these homes— not to mention that the housing this project would eventually provide is almost certainly going to price out
Adam young	90004	This is going to create huge problems for the existing residents of Lincoln heights!!!
Christian Sanchez	90043	history of lincoln heights needs to be preserved
Steven	90031	I oppose the project because of the possible rise in rent.
Cynthia Cuprill	90031	impact to community members - need mixed income housing not luxury apartments
Dave Chapple	90065	This does not belong in this neighborhood and will be met with resistance through every turn! Measure JJJ and the TOC plans do not take into account "taking down" and neighborhood that has been here for generations. No
Ramon Lopez	90032	Gentrification
Leslye	90031	I'm oppose this project because it's gentrifying the community which means raise rent for renters who have lived there for several years destroy the culture in the neighborhood and erasing any sense of history we have left in
Derek Allison	91016	I work at a school one block from this site, and this development would greatly impact the community I serve
Gabriel Quiroz	90063	This project is accelerating the gentrification of this community we need affordable housing for the current residents,not luxury apartments. The people of Lincoln Heights can't afford these luxury apartment, aren't you suppo
Anya Kushwaha	76092	Preserve the historic area of Lincoln Heights!
Sheyla	90601	i was already gentrified. Lincoln heights was my home for 26 years, as soon as i was born, it was all i knew. 2670 sichel st #5 is where all my memories are. I lost it due to developers coming in and claiming it. Lincoln heights
Amber Ramirez	90031	I oppose this project because it is only going to hurt the people of Lincoln Heights. Buildings like these would bring more gentrifiers to our neighborhood and cause the displacement of low income POC.
miri day	90041	out of scale. the community doesn't want it.
D. Estrada	90042	This is not what the community needs
Valerie v	90029	Hurts communities. We need affordable housing!!!!
Stephanie Salinas	90046	I oppose all gentrification threats to longtime LA residents who are the backbone of this STATE and COUNTRY! Power to the people always.
Manuel M. Gutierrez	90025	Keep your gentrification out of communities who are already being oppressed from every direction, least we need is this hideous structure raising the rent on a low income community.
Amy Yao	90290	Housing should consider the economics of the current neighborhood and its citizens. There needs to be more affordable housing and not just more mega apartment condo complexes that are hardly affordable!!
George Gerst	90031	The project is way to big, and the developers have tried to get it passed without community involvement, and they have skirted the law if not broken it. We have evidence of bribery on TAPE!
Ansis Hoheisel	90026	Lincoln Heights needs affordable housing that fits in with the scale and character of the neighborhood! This monstrosity of a development will inevitably lead to the Gentrification band displacement of one of LA's most histori
Max Maslansky	90031	It will accelerate further development and displace working class families
nancy soto	90031	This project is dangerous to our community and will displace many people
Jeremy Hansen	90031	Raise housing prices to push out lower income families, lack of parking.
Hesper Dominguez	91770	It's distasteful and unnecessary.
OMAR BRIAN CERR	90262	Unaffordable housing
Vanessa S	90042	I oppose the project because of the displacement of families that the building of these condos will cause.
Anthony Lepore	90031	The construction site is adjacent to a lot that has been polluted for 68 years. This is an environmental hazard.
Angela Celestino	90032	This project targets my friends and family who've live in and love lincoln heights. This project isn't for the low income people of LA!!
Karla Orozco	90003	It is unfair to make a decision without the consent of those who reside in the area if you're going to build homing at least have the decency to make them affordable to the people (locals) who already reside in that area. I hate
Rogelio Perez	90011	As a former resident of Lincoln Heights it pains me to know that there's people being forced out of their homes due to rising prices. Not only do I believe that this sort of displacement is harmful and unethical, I also believe it's
Frank	90031	This project is not intended to benefit any of us living in the area.
Salvatore Franchino	N/A	I support the project! 66 low income units near a mass transit station sound amazing. It'll help welcome new neighbors to your neighborhood and help alleviate high housing costs.
Amara Leipzig	90026	I am a resident of Historic Filipinotown where I have watched the same process unfold and destroy this neighborhood. What I watched happened before a global pandemic and the extreme lack of assistance to renters and m
Anna Heeter	98075	This new housing will negatively affect communities of color and push low-income people and families out of the area. They absolutely rely on the prices of their houses remaining the same and may end up losing their housir
Myrka Santana	90063	Lincoln heights needs affordable housing for the community that cannot afford high paying rent.
Joey Forsyte	90031	There are already three huge projects with laughable or no affordable housing. We need to protect this community. We expect our representative to not just meet us, but fight for us.
Melissa Hernandez	90032	To keep our community at affordable rate.
Marco Villarreal	90031	I want Lincoln Heights to stay affordable to myself and all of its residents
Vic Mendoza	90032	
peggysue piedra	90062	stop gentrification everywhere!
Cassandra Renteria	90031	I grew up in Lincoln heights! My whole family still resides there!! I do nt want my childhood erased!!
Chuck miskevich	90031	Because gentrification is evil and we need to leave Lincoln heights to its tenants who have lived there for years. We're talking generations.
Kevin Perez	90063	I want to help save the tenants being oppressed in Lincoln Heights.
Marilyn Gallegos	90031	Why would I support a project that I didn't know was happening in my neighborhood? And I don't want this neighborhood to be become hipster . They keep taking over our community's !
Vanessa	90031	We need to stop gentrification. The people of this community can not afford to live in these new "luxurious" buildings. This is unfair!
Zach Callahan	90031	Lincoln Heights is a peaceful, working class neighborhood. This building will do nothing to serve the community, which is already reeling from the economic effects of coronavirus. Instead, it will displace people and make wa
Chloe	90069	Because there should not be luxury apartments here. It's ruining the neighborhood
Jennifer Islas	90031	Many low class families live in Lincoln heights, how are they expecting for them to pay for high cost rent in a pandemic? There's only so much that these "benefits" can provide for them, it isn't enough!
Jenny tchang	90031	
Karina G.	90031	This is capitalism at its worst...build luxury apartments in other locations unless you are willing to take short term losses for long term gain...by investing in the communities being gentrified and exploited with these huge and
Allison Miller	90032	I live 2.5 miles from this site and find the socio-economic and environmental risks of this development abhorrent. There is no defense for this other than greed. Now, of all times, is the most obscene time to consider building s
Britt Woods	90041	I do not want the excavation of polluted soil near schools. We need to protect our children.
Katelyn	91001	Damage to the community in many ways. Examples being unaffordable, toxic grounds, no parking
rachelle Sawatsky	91001	It will displace long-time renters and community members. I have huge concerns for the environmental degradation of the site and the danger to be had by excavating it.
Rochelle	90031	The residents of this neighborhood deserve housing that they can afford. No more gentrification!
Erin	90031	It is a huge heath and public safety risk to an entire community and will impact generations of people and their lives and livelihood
Phil	90031	Dangerous one way access and egress along with toxins in the groundwater make this a public heath and safety issue
Nancy C.	90031	I think that's this project will bring up the gentrification percentages up and it'll also cause other people to have to move out of their current home to something they can afford. This project will most certainly make this happe
Phil	90031	Dangerous one way access and egress along with toxins in the groundwater make this a public heath and safety issue
Matthew Johnson	90023	The development is on toxic land, it contains far too few low-income residences, and there are not enough parking spaces for the amount of units.
Math	90026	

Jordana Rodríguez	96818	Having family in the area of Lincoln Heights and talking to them about the problems just shows how little effort the people from the City Hall take towards situations, it's all about the money. Gentrification also, not only will pe
Minerva Flores	90031	I wasn't informed about this project at all and I am concerned about its impact on the residents of LHTs. I demand that a community meeting with the developers, city councilman and all involved in this project be scheduled s
Chloe	90022	My family grew up in Lincoln's heights and is seeking affordable housing but cannot afford luxury condos. Also it is an eye sore and will create more parking issues than there already is. This is not what the people who are ac
Aileen Jacquez	90032	I oppose this project because it will take a way from a lot of under privileged families who have lived in this part of LA county for years, to replace them with people who only want to live in this area because it is "trendy". Peo
Fatima	91387	This is pure erasure of history without any intention - just a bogus human with $ and no life or no culture. Keep this historic building as is and quit trying to erase others history!!!!!
Alex chaves	90063	
Hayden	90027	I don't agree with it.
Aseneth Flores	90031	There plenty of newly built luxury apartments. More are overkill. We need affordable apartments for working people.
Hayden	90027	I don't agree with it.
Sammy	90042	We need affordable housing, not luxury apartments
lindsay brant	91201	Because local residents should always have a voice in their future and because this development puts a whole community at risk of environmental toxicity and displacement
Hanneke Skerath	90048	
Karen	90032	Because Lincoln heights nor any side of NELA is for sale. Fuck gentrification and fuck anybody tryna displace the community.
Fyodor		They're uprooting innocent families and homes for capitalistic greed
miriam horton	82414	people who can't fight for themselves have been pushed around and kicked out of their own homes for far too long it needs to stop
Andy Seymour	90065	I oppose this development because it isn't wanted by or accessible to the Lincoln Heights community, and will lead to the displacement of the working class people of color who have lived in this neighborhood for generation
Emily Miller	48912	
Mena Kim	19066	Because I have basic human empathy and don't think luxury apartments are more important than human lives.
Jocelyn Litalien	3301	Putting 30000 bipoc out of a home for your own capitalistic greed is disgusting , especially now with the virus.
Gwen J		They have not considered how this project may harm or gotten the approval from the community
cj valdes	10001	
Maria	91506	Absolutely
Itzel	91340	
Hayat	99501	It's wrong
Micah prado	28205	because this is wrong
Rachel	11222	gentrification on this scale robs local families of their ability to continue living as they have where they have and inequitably impacts people and communities of color.
Astrid	90065	This community is filled with low income families. Adding luxury buildings will kick out many of the families that been there for more than 10+ years
Gabrielle Garcia	90031	I am against displacement of our low income communities, and against the possible environmental damage that will happen if a development of this scale is approved. I do not trust our city officials to run enough tests to det
Tye	77027	
Halia Reiter	55320	
Sam Mercer	10001	It's just wrong
sam	90039	we do not need luxury apartments, toxicity released via the building of this project, and gentrification kills.
Ringgo	90031	I believe we should preserve the history of this town.
london hayes	90048	
Kylie Potter	30263	this place already has homes for people no need to make more expensive ones
Liberty	78704	I oppose gentrification and injustice for poc
Kendall	75605	Because racism needs to end now. This is a revolution.
Isela	90033	What we need is low income apartments not luxury apartments. Luxury apartments will only rise up the rent and put more people on the streets
Jazmín Sandoval	91605	No to gentrification! This raises prices for low income people and families who have historically lived in these neighborhoods and now they want to put flashy expensive buildings driving out the minorities and creating more d
Alanna Holt	90039	I oppose the violent displacement of working class Latinx communities. I oppose the City intentionally neglecting poor communities and then using the conditions they created as an excuse to then displace those communitie
Rubi	90031	Fuck gentrification also if you build this you don't care about this community.
Anairis Morales	90037	Los Angeles Native should be able to afford rent but because of gentrification so many are being pushed away from their city!
Chloe Miri	91316	This is a blatant act of gentrification. In gentrifying the neighborhood, what is being done is essentially the rapid displacement of the community members. This causes greater homelessness in a city with one of the largest ho
Lorraine Orgaz	90031	This project will displase me and my family. We have live here all of my life and this development will only harm our community
Tim Gibbons	90065	you must request community response prior to change
Zoe Jones	87106	Its bad for the environment and gentrification hurts predominantly poorer communities of color
Matthew	90010	Bc we need affordable housing not more luxury high rises
Helen Luna	90011	
Jesse	90035	Development encourages real estate speculation which drives up rents and forces our long term communities
Liam	2472	Bc these luxury apartments are not needed.
Lilla McMillan	90065	The community needs to be included in the conversation, they deserve the chance to be heard and say no if they do not want this new development in their community. It will change the neighborhood and make it an unsusta
Cherith Zanghi	90012	These predatory projects drive up the cost of housing and displace the community. We demand affordable and equitable housing
Lindsay R	92648	
Mckenna harrell	71730	
Sabrina Torres	90032	We need to keep the health of the people safe by them staying home without the worry of having no home.
Mia Desiree	90032	housing is a human right and im tired of seeing predatory and opportunistic developers with the help of complicit politicians aiding in the displacement of local community members
Natalie Carrillo	90063	I cannot stand by and watch the displacement of my community.
Xinrui Chen	90032	I do not want my LA brothers and sisters to be displaced. I have grown up in this neighborhood and wish to keep communities intact.
Carolina Rendón	90031	Keep Lincoln Heights affordable for our residents of Lincoln Heights! Lincoln Heights is full of so much great history and due to gentrification, our neighborhood is now over priced! Lincoln Heights is our home!
Tracie Sánchez	90032	I oppose the project because of the environment impact the project May have on the surrounding community. Additionally I have concerns about gentrification and its potential affect on the livelihood and well-being of low inc
Audrey Densmore	91344	I oppose displacement of local residents
Elvira Gil	90031	It's Gentrification of the community!
Marlen	90032	This building does not serve the people of this community! This building will displace the people who have always lived here. Us brown and black people also deserve to stay and live in a community where we grew up. This i
Nelly Olivares	90031	I've been displaced before and I don't want others to suffer what I experienced
Lorena Garido	90042	Because affordable housing stock will be seized by flippers and investors. lifelong residents will be permanently displaced or homeless
Elizabeth Moroni	90042	This project won't protect the residents of Lincoln Heights, it's unethical
Germán Montealvo	90031	Contaminated soil and air quality risks to entire area, lack of lower income units for residents and traffic increase on such a narrow street across the street from a school.
Ivon	90723	No to gentrification
Melisa Lopez	90039	
Michael Rosales	90042	Parking and traffic are already bad
Paige Arevalo	91106	
Mazie preite	90041	We need affordable housing and common decency for families
Travis Read-Davids	90042	We need to prioritize communities when considering development projects. L.A. does not need more "luxury" housing, investment properties, or for profit housing corporations. We need truly affordable housing, and we nee
Michael Kaphahn	90031	Because the the community wasn't in the conversation. Gentrification and parking concerns
Abrielle Stedman	90041	The neighborhood doesn't need this.
Sterling Wells	90042	We need to protect our community from gentrification. We need affordable housing to end homelessness. City Hall is corrupt and allows developers to break laws and they need to be held accountable to the laws that our citi
Francesco	90042	Housing is a right. Tax incentives and subsidies are provided to flippers but not to long term residents of Lincoln Heights? Flipping is not a job. It's not hard work. It's exploitation and should be illegal. Invest in the community
Julian Hoeber	90041	This proposal has wildly inadequate parking and will lead to overcrowding of streets and terrible traffic. The increased density will not come with commensurate services or be easily navigated and will lead to blight. Above all
Aris Sevilla	90031	LA's housing and gentrification crises will only be exacerbated by more luxury housing
Ross Caliendo	90026	I am anti gentrification

James Krone	60607	Because it’s disgusting
Eden Lopez	90031	Protect the essence of what Lincoln heights is. The hard working people that make Lincoln Heights. Improve the heights for those of us that live here, not price people out to benefit rich individuals/developers.
Carolina Meza	90031	Because I live in the area and we live in a historical landmark and should be preserved as such
Rogelio Chavez	90031	No te gentrification
Lauren Esqueda	90022	I oppose this because the gentrification of Los Angeles is getting out of hand. Residents that have been here for many years should be able to reside in the communities that they love and are really all they know.
Ben Angelo	90031	It displaces historically marginalized groups who have called Lincoln Heights home for many decades. It was proposed and passed without the approval of the neighborhood. It will spell doom for the culture, businesses and
Francine Banda	93035	I oppose gentrification and the displacement of my people
Ashleigh Washingto	90031	Current and long term residents of Lincoln Heights deserve safe supportive housing, not to be displaced from their neighborhood with no offer of the housing being built to them.
Alyssa Jaquez	91746	Gentrification is not good for the community.
RICHARD CHAVEZ	90031	This project is not good for my community. It’s going to drive out the people who really love this city and bring in people who already destroyed downtown LA
Gautam jain	91364	People have the right to remain in their place of residence without threat of being forcibly removed. This is an overreach of power and a disgusting display of the continuing supremacy of ownership over basic human rights.
Christal Perez	91770	Moving out poc during a pandemic is wrong. Also traffic density problems and terrible urban planning.
Legier Biederman	90031	Illegal evictions! horrendous development
Irwing Ornelas	90012	Why do we need luxury apartments? Just build normal homes.
Annabel Shabestari	90717	Will not serve the existing community of Lincoln heights and may likely actually harm the quality of life for the entire neighborhood.
Isabel Layton	90031	I stand with my neighbors. Out of over 400 luxury apartments only 66 are available to low income residents? What a joke. I'm appalled that this large of a projected was approved without the community's consent. What an ey
Maria Herrera	90031	This housing is not serving our community
Paola Alvarado	90031	We must put an end to gentrification and support our community.
Marleen Munoz	90032	It will increase evictions and likely cause more gentrified to move to our Lincoln Heights and El Sereno communities
Samantha Mendoza	90031	The effects of gentrification on the demographic that resides in Lincoln heights will be catastrophic. People have lived here their whole lives, they do not deserve to be pushed out of the community they built to further capitali
Maria Herrera	90031	This housing is not serving our community
Gabriella Sanchez	90014	This development would threaten the rent and housing stability for people already living in the neighborhood.
Maria Herrera	90031	This housing is not serving our community
Stephanie Castillo	90031	I oppose this, it goes against this community , the research speaks for itself & during this time it is not what the community needs there are far more better improvements that should be brought to this area
Dorian Pinuellas	90031	School safety, more traffic
Yadira Cruz	90031	GENTRIFICATION IS CLASS WAR. IT IS AN ACT OF COLONIALISM. LINCOLN HEIGHTS BELONGS TO THE PEOPLE. IT BELONGS TO OUR WORKING CLASS COMMUNITY. It will be detrimental to our environment in the h
Jazmin Oceguera	90063	Gentrification
Lucius Nicholson	90031	Not beneficial to the neighborhood
Mark Llamas	90031	This project will make my neighborhood more difficult to afford for my low income family and neighbors. Stop This project
Christian Adams	90031	It’s the beginning of the end of my history and culture.
Janice	90031	The community is already suffering and this project brings illegal evictions and displaced residents. This isn't ethical!
Forrest Penny-Brow	90031	It is not in keeping with the spirit/culture/wishes of the community
Eden Lopez	90031	Do not see how it benefit the existing community. Perhaps the new community you want but what about the existing community. Traffic conditions, air quality conditions, wastewater conditions, parking conditions, changes th
Dydia DeLyser	90031	I oppose forced gentrification, inappropriate development, and environmental risk for the community
Camille Kolodziejsk	90031	Unsafe for Lincoln Heights health— stressful for our community in terms of mass gentrification
Jossef Virgen	90031	Environmental racism! We gotta protect the health of the neighborhood and avoid a huge wave of gentrification
Bella Fabiani	90041	To protect Lincoln Heights and the families that live there
Patrick Martinez	90041	Because this is a form of economic violence and will displace many of the existing residents in Lincoln Heights
Martina Risteska	90028	Because excavating the land will release toxic fumes into the air and the people of Lincoln Heights deserve better than that. Let’s help protect this space from big money that has no interest in what’s best for the community a
Zion		tired of seeing our community destroyed
David Vera	90031	Because it will affect people that I care about
Robin Voves	90031	Keep housing affordable in Lincoln Heights!
Valeria Hernandez	90031	I oppose this project because Lincoln heights has been my home since birth. I seen these streets change over the past year and remember the day gentrification slowly started happening here. First it was Lincoln mini mall be
Oscar Ortega	90031	it's gentrification. It does not benefit the neighborhood. Its an attack on the working class
Kurt Webster	90031	If you are building an apartment complex with 1,500 residents and only 286 parking that is a BIG problem! Parking in this area is already troublesome!
ADAn	90032	A 468 unit Luxury development at ave 34/ Pasadena Ave is a threat to our health and well being.
Suki Diaz	90031	
Daisy Frias	90065	Because our neighborhoods are becoming more and more gentrified
Maria Martin	90022	gentrification causes homelessness!
Michelle Suarez	90065	I oppose this project because it will displace an entire community, and cause irreparable harm to human beings. It must be stopped.
D. Sherwood	90039	Environmentally unsafe, potencially environmentally illegal, including environmental impact, environmentally and culturally unsound for community. All environmental impacts must be researched and any impact entirely reme
Jennifer Mendoza	91030	As someone who grew up in the community of Lincoln Heights this isn't an affordable project for the members of the community.
Tracie Sánchez	90031	I am afraid of the environmental impacts of the project, including the increased traffic, the potential affects on the river, the air quality, and the toxic waste located underground that may be exposed during construction. Additi
Matt Whitmire	90065	It is not a clean lot to develop on and there are FAR too few parking spaces. The underground garage should be double the size before proceeding.
Lisa Marie Hanson	90065	We need a market not another luxury building
Brian B	90031	It’s causes gentrification and will raise market value for all the residence
Maria Sanchez	90012	I live in the area. I strongly oppose gentifrication. I do not want the Latino and Asian community to be forced out of the Lincoln Heights neighborhoods. This project is unconsiderate to low income families. Even though it has
Sarah Hill	90031	Not only is it an environmental hazard for the people of Lincoln Heights, but it is an act of gentrification too and will force people out of their homes.
Sofia Ruiz	91502	Gentrified neighborhoods are a threat to small and local businesses!
Jack Foley	90031	It will displace people and ruin lives for the purpose of creating profit and pandering to the interests of the wealthy

Exhibit A

Statement from Councilmember Cedillo

GILBERT A. CEDILLO

COUNCILMEMBER
FIRST DISTRICT

August 14, 2020

Project Applicant Team
DLA Piper LLP (US)
550 South Hope Street
Suite 2400
Los Angeles, California 90071-2618

Re: 135-153 W. Avenue 34; DIR-2019-TPC-SPR-WDI
ENV-2016-273-MND-REC1

To The Project Applicant Team for the 141 Avenue 34 Project:

We are writing you to request a more comprehensive outreach strategy and urge you to postpone your hearing date to one that will ensure the full completion of such assessment.

The Council Office has long been a strong and vocal advocate for the production of housing stock, serving a range of income groups and creating a balanced housing supply that prevents people from falling into homelessness. Furthermore, as we are navigating our way through the global pandemic, the need to prioritize creating more housing has become even more paramount. However, this proposed project that introduces new density to the Lincoln Heights community must only move forward with not only the acknowledgment but also the resolutions to the concerns the community brings forth to your Team.

We appreciate your attention to this matter, and the Council Office wishes to direct that any appropriate actions be taken upon consideration of this Memo. The Council Office understands the severity behind the community concerns from the people who live and work in this neighborhood, and we strongly encourage you to join our Office in this effort to make this situation right.

Sincerely,

Gilbert Cedillo
Councilmember, First District

CC:
Lincoln Heights Neighborhood Council
Los Angeles City Planning Commission

CITY HALL 200 N. Spring St. Room 460 Los Angeles, CA 90012
Tel: (213) 473-7001 • Fax: (213) 473-7462

CITY HALL 200 N. Spring St. Room 460 Los Angeles, CA 90012
Tel: (213) 473-7001 • Fax: (213) 473-7462

Exhibit B

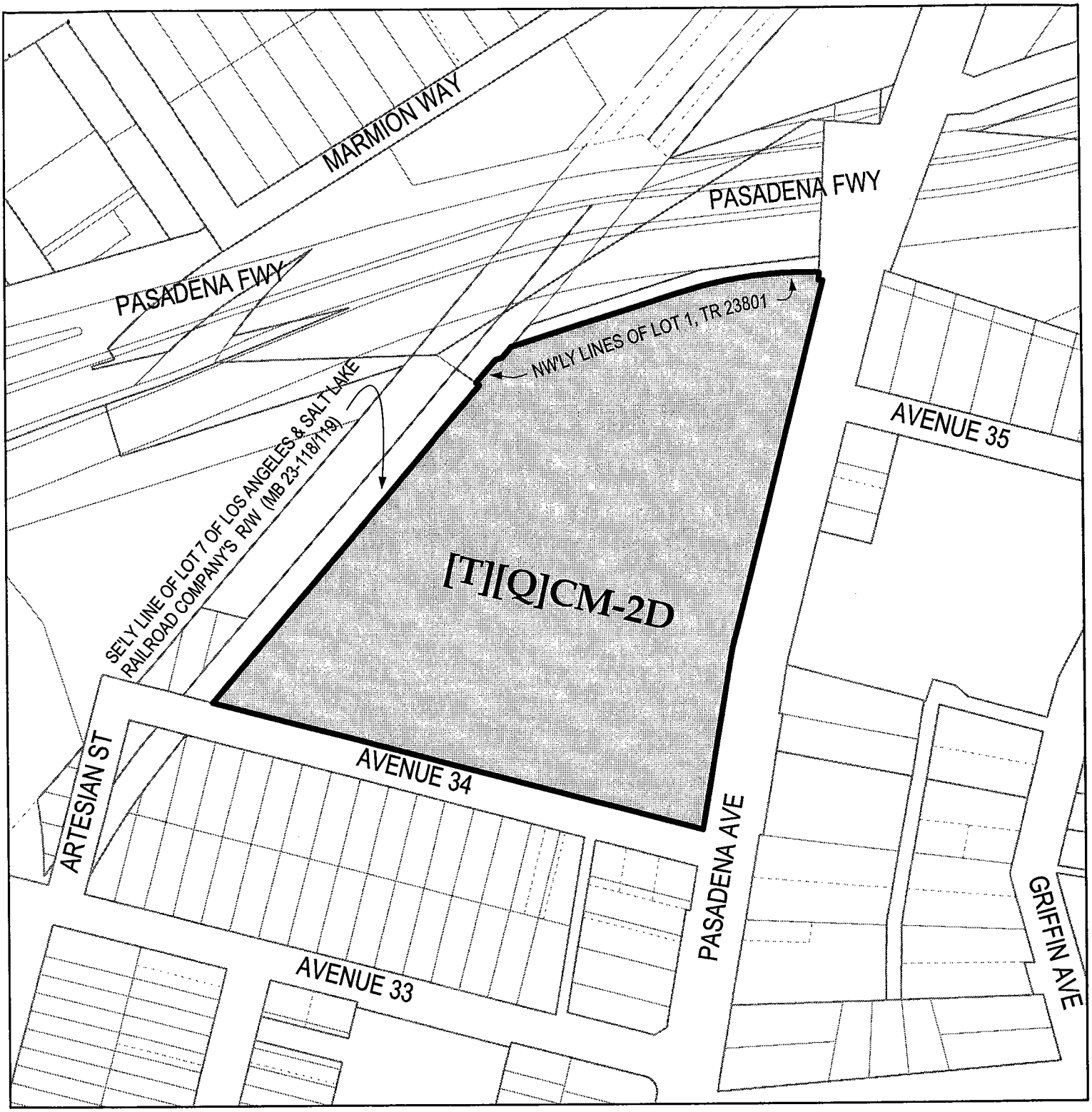
Q Conditions - Subarea 4

ORDINANCE NO. 179280

An ordinance amending Section 12.04 of the Los Angeles Municipal Code by amending the zoning map.

THE PEOPLE OF THE CITY OF LOS ANGELES DO ORDAIN AS FOLLOWS:

Section 1. Section 12.04 of the Los Angeles Municipal Code is hereby amended by changing the zones and zone boundaries shown upon portions of the zone map attached thereto and made a part of Article 2, Chapter 1, of the Los Angeles Municipal Code, so that such portions of the zoning map shall set forth the zones and height districts as shown on the attached Northeast Los Angeles Community Plan Ordinance Maps and the Table for Section 1 attached hereto and incorporated herein by this reference.



SUBAREA 4

Legend

ZONE CHANGE AREA

NORTH

0 100 200

Feet

CM 142.5 A221 & 142.5 A223	CPC 2006 - 5242 ZC GPA

DG lat E

06/19/07

SUBAREA 4

[Q] QUALIFIED CONDITIONS OF APPROVAL

Pursuant to Section 12.32 G of the Municipal Code, the following limitations are hereby imposed upon the use of the subject property, subject to the "Q" Qualified classification.

A. General Conditions

1. Use Limitations

a. There shall be no 100% Commercial and/or Industrial projects allowed.

b. There shall be no 100% Residential projects allowed.

c. A minimum of 50% of the non-residential floor area shall be limited to Neighborhood Retail and Neighborhood Services as permitted by LAMC 13.07C.

d. The following uses shall be prohibited:

(i) Any drive-through facilities, such as those associated with restaurants, kiosk banks and drugstores;

(ii) Automobile dismantling and automobile salvage yards, and automobile storage yards;

(iii) Outdoor storage yards for junk and salvage items, machinery or construction materials that are not associated with a retail establishment or entertainment production facility;

(iv) Recycling Centers;

(v) Off-site alcoholic beverage sales.

e. Property owners shall satisfy any requirements from the State Department of Toxic Substances Control (DTSC) in relation to potential contamination on the subject site. Prior to the issuance of any clearances by the Department of City Planning (DCP), property owners shall provide to DCP a letter from DTSC that establishes DTSC's satisfaction that the subject site currently meets DTSC requirements for the proposed use or, alternatively, that establishes DTSC's satisfaction with the property owner's contamination testing plan for the proposed use.

2. Parking.

a. **Surface Parking**. Approval of plans by the Director of Planning shall be required for any project for which surface parking exceeds 20% of the total lot area.

b. **Surface and Below-Grade Parking.** Parking for commercial uses or guests may be located at grade, but shall not be adjacent to Pasadena Avenue; parking for residences shall be located below grade.

c. **Shared Parking**. Residential and mixed-use commercial/residential projects shall provide parking as required by the Los Angeles Municipal Code. Commercial parking shall be made available to residents and residential visitors during off-business hours. In the event that the project is developed under the regulations contained in Section 12.22 A 25 of the Municipal Code (Affordable Housing Incentives/Density Bonuses), parking may be provided as permitted by that Section for the length of time that the residential units remain as restricted affordable units.

(i) Tandem parking may be used only for the spaces which are assigned and designated for a single residential unit.

(ii) Signs shall be clearly posted at project entrances directing residential visitors to commercial parking during off-business hours. The signs

SUBAREA 4

shall be in large, easy-to-read lettering and shall indicate the general location of the parking. Sign wording shall be to the satisfaction of the Planning Department.

B. Design Conditions

1. Site Planning

a. Development fronting Figueroa Street or Pasadena Avenue shall designate Figueroa Street or Pasadena Avenue as the front yard.

b. All new buildings fronting Figueroa Street or Pasadena Avenue shall provide a pedestrian entrance for each business along Figueroa Street or Pasadena Avenue.

c. Ground floor commercial uses shall be built to the front lot line except where publicly accessible open spaces are provided, such as plazas and outdoor dining areas, and have been incorporated into the site design.

d. All projects shall be subject to approval of plans by the Director of Planning, to be conducted by the Community Planning Bureau.

e. A minimum A minimum of 30% of the Subarea shall be devoted to publicly accessible open space and pedestrian paths that shall be accessible beginning at dawn and ending at dusk or close of on-site businesses, whichever occurs later.

f. All new buildings that abut Pasadena Avenue shall provide a pedestrian entrance for each business along Pasadena Avenue.

g. For surface parking areas, the applicant shall provide drainage bioswales along any boundary abutting the Arroyo Seco, and shall design parking areas, landscaped areas and rooftops to direct drainage into the bioswales.

h. Courtyards.

(i) For buildings fronting Pasadena Avenue with over 150 linear feet in width or depth, a front courtyard shall be provided adjacent to the front yard setback at ground level, with a minimum width and depth of 20 linear feet, respectively, and a minimum total area of 700 square feet.

(ii) Required courtyards shall be open to the sky and not be located within 40 linear feet of a side property line.

(iii) Any courtyard fencing shall be predominantly open or transparent in design, shall not exceed 36 inches in height and shall be recessed a minimum of 5 feet.

(iv) Required courtyards shall be located no more than three (3) vertical feet from sidewalk grade.

(v) A minimum of 20 percent of each courtyard shall consist of planted ground cover, shrubs, trees, water features or permanent planter boxes.

(vi) Courtyards shall contain pedestrian amenities, such as shade trees, landscaped trellises, benches, trash bins, etc.

i. A minimum of 75 percent of all usable outdoor public space shall be located at ground level and shall be directly accessible to the general public from Pasadena Avenue and/or Avenue 34.

j. Ground floor frontage along Pasadena Avenue shall be designated for commercial or industrial uses. Ground floor uses shall be designed with a minimum depth of 25 feet.

SUBAREA 4

k. Non-residential uses fronting onto Pasadena Avenue shall maintain a presence and a secondary pedestrian entrance on the interior of the lot.

2. **Pedestrian Access**

Pedestrian paths shall divide Subarea 4 into a minimum of four sections.

a. There shall be an east/west and a north/south pedestrian path through Subarea 4.
b. The paths shall be aligned through the midpoint of Subarea 4 and cross each other at a perpendicular angle.
c. The required pedestrian paths shall be a minimum of 16 feet in width and may include up to 2 feet of landscaping on each side.
d. The required pedestrian paths shall be comprised of attractive hardscape materials or appropriate permeable alternatives. The use of asphalt is prohibited.
e. Developments on parcels that abut the required pedestrian paths shall contribute their proportional share of said paths.
f. Pedestrian paths shall be illuminated with pedestrian-scale lighting installed on either side of each pedestrian path at a minimum interval of one fixture every 20 linear feet.
g. These pedestrian paths shall be open and accessible to the public from dawn until dusk or the close of on-site businesses, whichever occurs later.
h. These pedestrian paths may count toward the Code-required open space.
i. These pedestrian paths may be included in the buildable area for the purposes of calculating the floor area ratio (FAR).

3. **Building Design**

a. A break in the building wall along Figueroa Street or Pasadena Avenue shall only be permitted when vehicular access cannot be obtained from side streets or private alleyways, as determined by LADOT. The break in the wall, when permitted, shall not exceed a distance of the linear feet required for driveways and other vehicular access. When vehicular access must be taken from the primary street, the driveway entry gate shall be recessed from the sidewalk by a minimum of 20 feet.
b. All ground floor storefronts in new buildings that are greater than 30 feet in length shall provide architectural features on the building façade that will help to create a pattern along the street frontage and avoid the presence of a monotonous façade through the use of vertical elements, such as columns, placed in a pattern, or recesses in the façade, at minimum intervals of 20 feet.
c. All facades on new buildings shall be designed with articulation that provides relief for every 20 horizontal feet and 15 vertical feet.
d. The front elevation of all new structures shall be stepped back a minimum of five (5) feet from the front property line at the third story and again at the fifth story.
e. Wall openings, such as windows and doors, shall occupy at least 70 percent of the ground floor street façade along Pasadena Avenue and Figueroa Street.
f. Storefront windows shall be a minimum of 18 vertical inches and a maximum of 36 vertical inches from sidewalk grade.

SUBAREA 4

4. **Architectural Details**
   a. Articulation and architectural detail shall be applied equally on all building elevations.
   b. All balconies shall be flush with the exterior wall and made of an opaque materials for the first four feet.
   c. All balconies shall be of a usable dimension, a minimum of six feet wide.
   d. Building entrances shall meet the following criteria:
      (i) All projects shall provide a prominent residential entry that is accessible from the public right-of-way abutting the front yard; and
      (ii) Each commercial premise shall provide a front door that is accessible from the public right-of-way abutting the front yard.
   e. All buildings shall provide security lighting for pedestrians on the ground floor of building facades fronting public rights-of-way.
   f. Windows shall allow a minimum of 90-percent light transmission. Non-reflective glass shall be used to allow maximum visibility from the sidewalk areas into the interior of all commercial uses.
   g. Storefront windows shall be recessed at least 3 inches from the front plane of the building.
   h. Where awnings and canopies are used on storefronts greater than 25 feet in length, one awning or canopy shall be provided for each structural bay where such bays exist.
   i. Awnings and canopies shall project a maximum of 36-inches into the sidewalk.
   j. Awnings and canopies shall be attached to the building, without support poles on the sidewalk.
   k. All rooflines that exceed 40 linear feet shall provide some kind of relief either through the application of a gable, dormer, change of material or other type of articulation.

5. **Walls and Fences:**
   a. Exterior walls shall be treated with graffiti resistant-surfaces. Such treatment may include specialized coatings and the installation of vegetation.
   b. All free-standing walls shall provide a break in plane, or a change in material, or an opening in the surface of the wall at minimum every 20 feet in horizontal length, or by an articulation or architectural detail such as a staggered wall, an indentation, patterned block or a symmetrical spacing of columns at minimum every 20 feet.
   c. Free-standing walls or fences shall not use barbed wire or razor wire to adorn the tops of walls within view of the public right-of-way.
   d. Walls or fences in the front yard shall not exceed 42 inches in height, as measured from the lowest adjacent grade, and shall be constructed of transparent decorative materials that are integrated into the design and architecture of the building.
   e. Where taller walls or fences, up to a maximum of 6 feet in height, are required for security reasons, the fence or wall shall be located inside the setback landscape buffer, integrated into the architecture of the building and screened by landscaping or otherwise designed to be obscured from view from the public way. This condition applies to walls or fences in side or rear yards only.

SUBAREA 4

f. Fences and walls exceeding 42 inches in side or rear yards may be located at the property line only when permitted portions of the required yard are used for private or common open space, as allowed by the Los Angeles Municipal Code. Otherwise these walls and fences shall be located within the landscaped setback, per Condition C-4(e).

6. Landscaping

a. Open space shall be provided per LAMC.

b. All open areas not used for buildings, driveways, surface parking areas, recreational facilities, pedestrian paths or walkways shall be attractively landscaped and include an automatic irrigation system, in accordance with a landscape plan prepared by a licensed landscape architect, licensed architect, or landscape contractor to the satisfaction of the Planning Department.

c. A minimum of five percent of the total surface area of a surface parking lot shall be landscaped with trees, shrubbery and ground cover.

d. A minimum of 50 percent of common usable open space, including plazas and courtyards, shall be planted in ground cover, shrubs or trees. Trees shall be planted at a ratio of one tree for every 1,000 square feet of lot area. Trees shall be at minimum 24-inch box trees, and shall be planted within open space areas. Landscaped areas located on top of a parking garage or deck shall include permanent planters at least 30 inches in depth (12 inches for lawn/ground cover) and be properly irrigated and drained to the satisfaction of the Planning Department.

e. Paved surfaces within usable public spaces shall be comprised of stamped concrete, tile or other decorative paving surfaces. Asphalt shall be prohibited as a paving surface within usable public spaces.

f. Any portion of a parking level which exceeds grade shall be screened from the view of the public right-of-way by landscape features including trees, shrubbery, planter boxes or berms, none of which shall be shorter than three (3) feet in height. Any planter box or berm shall not be considered in calculating additional height of a structure.

g. All surface parking areas shall include a pedestrian walkway from the primary structure served by the parking area up to a distance measuring 50 straight-line feet. The pedestrian walkway shall be paved with stamped concrete or another decorative surface in keeping with the architectural style of the surrounding structures.

h. Landscape setbacks, where required, shall include a 24-inch box tree for every 20 feet of street frontage. Trees installed shall have a minimum canopy diameter of 20 feet at the time of maturity.

i. Landscape setbacks, where required, shall include 90 percent ground covering through the use of turf, grass, flowering plants and shrubs.

j. Street trees shall be 24-inch box trees planted along the street frontage, spaced 20 feet on center with root collars to prevent uplifting of sidewalks. Street tree type shall match the prevailing street tree of the street provided that it is an acceptable tree species, to the satisfaction of the Bureau of Urban Forestry.

SUBAREA 4

7. **Mechanical, Security & Trash Equipment**
   a. All service areas and loading docks shall be located at the rear of structures.
   b. All exterior rooftop and ground level mechanical equipment, including HVAC equipment, exhaust fans and satellite dishes shall be screened from public view.
   c. All service areas shall be enclosed or completely screened from public view. Enclosures shall consist of fencing, walls, or landscaping.
   d. Exterior security grills or permanently affixed security bars shall be prohibited.
   e. Interior security grills shall be retractable and shall recess completely into pockets that completely conceal the grill when it is retracted. Such pockets shall be integrated into the design of the building.
   f. Roll-down security grills that conceal storefront windows shall be prohibited.

C. **Environmental Conditions**

1. **Aesthetics (Landscaping)**
   All open areas not used for buildings, driveways, parking areas, recreational facilities or walks shall be attractively landscaped and maintained in accordance with a landscape plan, including an automatic irrigation plan, prepared by a licensed landscape architect to the satisfaction of the Planning Department.

2. **Aesthetics (Surface Parking)**
   A minimum of one 24-inch box tree (minimum trunk diameter of two inches and a height of eight feet at the time of planting) shall be planted for every four new surface parking spaces. The trees shall be dispersed within the parking area so as to shade the surface parking area and shall be protected by a minimum 6-inch high curb and landscape. An automatic irrigation plan shall be approved by the City Planning Department.

3. **Aesthetics (Graffiti)**
   The owners shall maintain the subject property clean and free of debris and rubbish and to promptly remove any graffiti from the walls, pursuant to Municipal Code Sections 91.8101-F, 91.8904-1 and 91.1707-E. Exterior walls of new commercial and residential buildings of other than glass may be covered with clinging vines, screened by oleander trees or similar vegetation capable of covering or screening entire walls up to heights of at least 9-feet, excluding windows and signs or the walls may be covered with graffiti proof coatings.

4. **Aesthetics (Signage)**
   On-site signs are limited to the maximum allowable under the Municipal Code. Multiple temporary signs in the store windows and along the building walls shall be prohibited.

5. **Aesthetics (Light)**
   Outdoor lighting shall be designed and installed with shielding so that the light source cannot be seen from adjacent residential properties.

SUBAREA 4

6. **Aesthetics (Glare)**
The exterior of the proposed building shall be constructed of materials such as high-performance tinted non-reflective glass and pre-cast concrete or fabricated wall surfaces.

7. **Air Pollution (Stationary)**
RESIDENTIAL – The applicant shall install air filters capable of achieving a Minimum Efficiency Rating Value (MERV) of at least 8 or better in order to reduce the effects of diminished air quality on the occupants of the project.

COMMERCIAL/INSTITUTIONAL – The applicant shall install air filters capable of achieving a Minimum Efficiency Rating Value (MERV) of at least 11 or better in order to reduce the effects of diminished air quality on the occupants of the project.

8. **Air Quality (Objectionable Odors)**
The trash receptacle shall be relocated at least 50-feet away from the property line of adjacent residential properties or trash receptacles shall be located within the walls of a covered concrete block enclosure.

9. **Seismic**
The design and construction of the project shall conform to the Uniform Building Code seismic standards as approved by the Department of Building and Safety.

10. **Erosion/Grading/Short-Term Construction Impacts**

Air Quality

a. All unpaved demolition and construction areas shall be wetted at least twice daily during excavation and construction, and temporary dust covers shall be used to reduce dust emissions and meet SCAQMD District Rule 403.
b. The owner or contractor shall keep the construction area sufficiently dampened to control dust caused by construction and hauling, and at all times provide reasonable control of dust caused by wind.
c. All loads shall be secured by trimming, watering or other appropriate means to prevent spillage and dust.
d. All materials transported off-site shall be either sufficiently watered or securely covered to prevent the generation of excessive amounts of dust.
e. General contractors shall maintain and operate construction equipment so as to minimize exhaust emissions.

Noise

a. The project shall comply with the City of Los Angeles Noise Ordinance No. 144,331 and 161,574, and any subsequent ordinances, which prohibit the emission or creation of noise beyond certain levels at adjacent uses unless technically unfeasible.
b. Construction and demolition shall be restricted to the hours of 7:00 am to 6:00 pm Monday through Friday, and 8:00 am to 6:00 pm on Saturday.
c. Construction and demolition activities shall be scheduled so as to avoid operating several pieces of equipment simultaneously.

SUBAREA 4

d. The project contractor shall use power construction equipment with state-of-the art noise shielding and muffling devices.
e. The project sponsor shall comply with the Noise Insulation Standards of Title 24 of the California Code Regulations, which insure an acceptable interior noise environment.

General Construction

a. All waste shall be disposed of properly. Use appropriately labeled recycling bins to recycle construction materials including: solvents, water-based paints, vehicle fluids, broken asphalt and concrete, wood, and vegetation. Non-recyclable materials/wastes shall be taken to an appropriate landfill. Toxic wastes must be discarded at a licensed regulated disposal site.
b. Leaks, drips and spills shall be cleaned up immediately to prevent contaminated soil on paved surfaces that can be washed away into the storm drains.
c. Pavement shall not be hosed down at material spills. Dry cleanup methods shall be used whenever possible.
d. Dumpsters shall be covered and maintained. Uncovered dumpsters shall be placed under a roof or be covered with tarps or plastic sheeting.
e. Gravel approaches shall be used where truck traffic is frequent to reduce soil compaction and the tracking of sediment into streets shall be limited.
f. All vehicle/equipment maintenance, repair, and washing shall be conducted away from storm drains. All major repairs shall be conducted off-site. Drip pans or drop cloths shall be used to catch drips and spills.

11. Liquefaction

All projects shall comply with the Uniform Building Code Chapter 18. Division 1 Section 1804.5 Liquefaction Potential and Soil Strength Loss which requires the preparation of a geotechnical report. The geotechnical report shall assess potential consequences of any liquefaction and soil strength loss, estimation of settlement, lateral movement or reduction in foundation soil-bearing capacity, and discuss mitigation measures that may include building design consideration. Building design considerations shall include, but are not limited to: ground stabilization, selection of appropriate foundation type and depths, selection of appropriate structural systems to accommodate anticipated displacements or any combination of these measures.

12. Explosion/Release (Asbestos Containing Materials)

Prior to the issuance of any demolition permit, the applicant shall provide a letter to the Department of Building and Safety from a qualified asbestos abatement consultant that no ACM are present in the building. If ACM are found to be present, it will need to be abated in compliance with the South Coast Air Quality Management District's Rule 1403 as well as all other State and Federal Rules and regulation.

13. All Runoff (All Subareas)

a. Project applicants are required to implement stormwater BMPs to retain or treat the runoff from a storm event producing ¾ inch of rainfall in a 24 hour period. The design of structural BMPs shall be in accordance with the Development Best Management Practices Handbook Part B Planning

SUBAREA 4

Activities. A signed certificate from a California licensed civil engineer or licensed architect that the proposed BMPs meet this numerical threshold standard is required.

b. Post development peak stormwater runoff discharge rates shall not exceed the estimated pre-development rate for developments where the increase peak stormwater discharge rate will result in increased potential for downstream erosion.
c. Maximize trees and other vegetation at each site by planting additional vegetation, clustering tree areas, and promoting the use of native and/or drought tolerant plants.
d. Any connection to the sanitary sewer must have authorization from the Bureau of Sanitation.
e. Reduce impervious surface area by using permeable pavement materials where appropriate, including: pervious concrete/asphalt; unit pavers, i.e. turf block; and granular materials, i.e. crushed aggregates, cobbles.
f. Paint messages that prohibits the dumping of improper materials into the storm drain system adjacent to storm drain inlets (such as NO DUMPING – DRAINS TO OCEAN) and/or graphical icons. Prefabricated stencils can be obtained from the Department of Public Works, Stormwater Management Division.
g. Legibility of stencils and signs must be maintained.
h. Promote natural vegetation by using parking islands and other landscaped areas.
i. Materials with the potential to contaminate stormwater must be: (1) placed in an enclosure such as, but not limited to, a cabinet, shed, or similar stormwater conveyance system; or (2) protected by secondary containment structures such as berms, dikes, or curbs.
j. The storage area must be paved and sufficiently impervious to contain leaks and spills.
k. The storage area must have a roof or awning to minimize collection of stormwater within the secondary containment area.
l. The owner(s) of the property will prepare and execute a covenant and agreement (Planning Department General form CP-6770) satisfactory to the Planning Department binding the owners to post construction maintenance on the structural BMPs in accordance with the Standard Urban Stormwater Mitigation Plan and/or per manufacturer's instructions.

14. Stormwater Runoff 10+ Home Subdivision/Multi Family

a. Install Roof runoff systems where site is suitable for installation.
b. Surface parking lots constitute a significant portion of the impervious land coverage. To reduce the quantity of runoff, surface parking lots can be designed one of two ways;
   (i) Hybrid Lot – parking stalls utilize permeable materials, such as crushed aggregate, aisles are constructed of conventional materials such as asphalt.
   (ii) Parking Grove – is a variation on the permeable stall design, a grid of trees and bollards are added to delineate parking stalls. This design presents an attractive open space when cars are absent, and shade when cars are present.

SUBAREA 4

c. Design an efficient irrigation system to minimize runoff including: drip irrigation for shrubs to limit excessive spray; shutoff devices to prevent irrigation after significant precipitation; and flow reducers.

15. **Stormwater Runoff Commercial and Industrial Development (Lot Size 100,000 sf)**
   a. Cover loading dock areas or design drainage to minimize run-on and run-off stormwater.
   b. Direct connections to storm drains from depressed loading docks (truck wells) are prohibited.
   c. Repair/maintenance bays must be indoors or designed in such a way that doesn't allow stormwater run-on or contact with stormwater runoff.
   d. Design repair/maintenance bay drainage system to capture all washwater, leaks and spills. Connect drains to a standard sump for collection and disposal. Direct connection of the repair/maintenance bays to the storm drain system is prohibited. If required, obtain an Industrial Waste Discharge Permit.
   e. Vehicle/equipment wash areas must be self-contained and/or covered, equipped with a clarifier, or other pretreatment facility, and property connected to the sanitary sewer.
   f. The following activities are to be conducted under proper cover with drain routed to the sanitary sewer:
      (i) Storage of industrial wastes.
      (ii) Handling or storage of hazardous wastes.
      (iii) Metal fabrication or Pre-cast concrete fabrication.
      (iv) Welding, Cutting or Assembly.
      (v) Painting, Coating or Finishing.
   g. Store above ground liquid storage tanks (drums and dumpsters) in areas with impervious surfaces in order to contain leaks and spills. Install a secondary containment system such as berms, dikes, liners, vaults, and double-wall tanks. Where used oil or dangerous waste is stored, a dead- end sump should be installed in the drain.
   h. Toxic wastes must be discarded at a licensed regulated disposal site. Store trash dumpsters either under cover and with drains routed to the sanitary sewer or use non-leaking and water-tight dumpsters with lids. Use drip pans or absorbent materials whenever grease containers are emptied. Wash containers in an area with properly connected sanitary sewer.
   i. Reduce and recycle wastes, including: paper; glass; aluminum; oil; and grease.
   j. Reduce the use of hazardous materials and wastes by: using detergent-based or water-based cleaning systems; and avoid chlorinated compounds, petroleum distillates, phenols, and formaldehyde.
   k. Control or reduce or eliminate flow to natural drainage systems to the maximum extent practicable.
   l. Cleaning of vehicles and equipment to be performed within designated covered or bermed wash area paved with Portland concrete, sloped for wash water collection, and with a pretreatment facility for wash water before discharging to properly connected sanitary sewer with a CPI type oil/water separator. The separator unit must be: designed to handle the quantity of flows; removed for cleaning on a regular basis (at least twice a year) to

SUBAREA 4

remove any solids; and the oil absorbent pads must be replaced regularly, once in fall just before the wet season, and in accordance with manufacturer's specifications.

16. **Stormwater Runoff Food Service Industry (Restaurants, Bakeries, Food Processors)**
    a. Cleaning of oily vents and equipment to be performed within designated covered area, sloped for wash water collection, and with a pretreatment facility for wash water before discharging to properly connected sanitary sewer with a CPI type oil/water separator. The separator unit must be: designed to handle the quantity of flows; removed for cleaning on a regular basis to remove any solids; and the oil absorbent pads must be replaced regularly according to manufacturer's specifications.
    b. Store trash dumpsters either under cover and with drains routed to the sanitary sewer or use non-leaking and water tight dumpsters with lids. Wash containers in an area with properly connected sanitary sewer.
    c. Reduce and recycle wastes, including oil and grease.
    d. Store liquid storage tanks (drums and dumpsters) in designated paved areas with impervious surfaces in order to contain leaks and spills. Install a secondary containment system such as berms, curbs, or dikes. Use drip pans or absorbent materials whenever grease containers are emptied.
    e. Infiltrate runoff before it reaches the storm drain system.
    f. Runoff must be treated prior to release into the storm drain. Three types of treatments are available, (1) dynamic flow separator; (2) a filtration or (3) infiltration. Dynamic flow separator uses hydrodynamic force to remove debris, and oil and grease, and are located underground. Filtration involves catch basins with filter inserts. Filter inserts must be inspected every six months and after major storms, cleaned at least twice a year. Infiltration methods are typically constructed on-site and are determined by various factors such as soil types and groundwater table.

17. **Stormwater Runoff Surface Parking Lots with 25 or More Spaces or 5,000 Square-feet of Lot Area (Residential, Commercial, Industrial, Public Facility)**
    a. Trash container areas must have drainage from adjoining roofs and pavement diverted around the area(s).
    b. Trash container areas must be screened or walled to prevent off-site transport of trash.
    c. Reduce impervious land coverage of parking lot areas.
    d. Infiltrate runoff before it reaches the storm drain system.
    e. Runoff must be treated prior to release into the storm drain. Three types of treatments are available, (1) dynamic flow separator; (2) filtration or (3) infiltration. Dynamic flow separator uses hydrodynamic force to remove debris, and oil and grease, and are located underground. Filtration involves catch basins with filter inserts. Filter inserts must be inspected every six months and after major storms, and cleaned at least twice a year. Infiltration methods are typically constructed on-site and are determined by various factors such as soil type and groundwater table.

SUBAREA 4

18. **Increased Noise Levels (Parking Wall)**
A 6-foot-high solid decorative masonry wall, as measured from the lowest adjacent grade shall be constructed along any lot line that separates any surface parking area from an adjacent residential use.

19. **Increased Noise Levels (Retail Markets, Bars, Entertainment, etc.)**
No window openings shall be permitted along any side (excluding the front façade) of the building that is adjacent to a residential use.

20. **Severe Noise Levels (Residential Only)**
All exterior windows having a line of sight to the MTA Gold Line, Figueroa Street, Pasadena Avenue, and the I-110 (Pasadena) Freeway shall be constructed with double-pane glass and use exterior wall construction which provides a Sound Transmission Class of 50 or greater as defined in UBC No. 35-1, 1979 edition or any amendment thereto. The applicant, as an alternative, may retain an acoustical engineer to submit evidence, along with the application for a building permit, any alternative means of sound insulation sufficient to mitigate interior noise levels below a CNEL of 45 dBA in any habitable room.

21. **Public Services (Fire)**
The following recommendations of the Fire Department relative to fire safety shall be incorporated into the building plans, which includes the submittal of a plot plan for approval by the Fire Department either prior to the recordation of a final map or the approval of a building permit. The plot plan shall include the following minimum design features: fire lanes, where required, shall be a minimum of 20 feet in width; all structures must be within 300 feet of an approved fire hydrant, and entrances to any dwelling unit or guest room shall not be more than 150 feet in distance in horizontal travel from the edge of the roadway of an improved street or approved fire lane.

22. **Public Services (Schools)**
    a. The developer shall install appropriate traffic signs around the site to ensure pedestrian and vehicle safety.
    b. Haul route scheduling shall be sequenced to minimize conflicts with pedestrians, school buses and cars at arrival and dismissal times of the school day. Haul route trucks shall not be routed past the school during periods when students are arriving or departing from the campus.
    c. There shall be no staging or parking of construction vehicles, including vehicles to transport workers on any of the streets adjacent to any school.
    d. Due to noise impacts on the schools, no construction vehicles or haul trucks shall be staged or idled on these streets during school hours.
    e. Fences shall be constructed around the site to minimize trespassing, vandalism, short-cut attractions and attractive nuisances.
    f. The developer and contractors shall maintain ongoing contact with the administrator of Hillside Elementary School, Loreto Street Elementary School and Nightingale Middle School. The administrative offices shall be contacted when demolition, grading and construction activity begin on the project site so that students and their parents will know when such activities are to occur. The developer shall obtain school walk and bus routes to the schools from

either the administrators or from the LAUSD's Transportation Branch (323) 342-1400 and guarantee that safe and convenient pedestrian and bus routes to the school be maintained.

23. **Utilities (Solid Waste)**
Recycling bins shall be provided at appropriate locations to promote recycling of paper, metal, glass, and other recyclable material. The bins shall be picked up and recycled accordingly as a part of the project's regular solid waste removal program.

24. **Transportation and Air Quality**
Individual projects of more than 50 dwelling units or 11,000 square feet of commercial or industrial uses shall undergo Site Plan Review per LAMC Section 16.05. The Site Plan Review shall include an assessment of air quality impacts. Individual projects of more than 70 dwelling units or 11,000 square feet of commercial or industrial uses shall be reviewed by LADOT to determine if a traffic study will be required.

D. **Administrative Conditions**

1. **Approval, Verification and Submittals.** Copies of any approvals, guarantees or verification of consultations, review or approval, plans, etc., as may be required by the subject conditions, shall be provided to the Department of City Planning for placement in the subject file.

2. **Code Compliance.** Area, height and use regulations of the zone classification of the subject property shall be complied with, except where herein conditions may vary.

3. **Covenant**. Prior to the issuance of any permits relative to this matter, an agreement concerning all the information contained in these conditions shall be recorded in the County Recorder's Office. The agreement shall run with the land and shall be binding on any subsequent property owners, heirs or assigns. The agreement shall be submitted to the Department of City Planning for approval before being recorded. After recordation, a copy bearing the Recorder's number and date shall be provided to the Department of City Planning for attachment to the file.

4. **Definition.** Any agencies, public officials or legislation referenced in these conditions shall mean those agencies, public offices, legislation or their successors, designees or amendment to any legislation.

5. **Enforcement.** Compliance with these conditions and the intent of these conditions shall be to the satisfaction of the Department of City Planning and any designated agency, or the agency's successor and in accordance with any stated laws or regulations, or any amendments thereto.

6. **Building Plans.** Page 1 of the grant and all the conditions of approval shall be printed on the building plans submitted to the Department of City Planning and the Department of Building and Safety.

SUBAREA 4

7. **Corrective Conditions.** The authorized use shall be conducted at all times with due regard for the character of the surrounding district, and the right is reserved to the City Planning Commission, or the Director pursuant to Section 12.27.1 of the Municipal Code, to impose additional corrective conditions, if, in the Commission's or Director's opinion, such conditions are proven necessary for the protection of persons in the neighborhood or occupants of adjacent proper.

8. **Indemnification.** The applicant shall defend, indemnify and hold harmless the City, its agents, officers, or employees from any claim, action, or proceeding against the City or its agents, officers, or employees to attack, set aside, void or annul this approval which action is brought within the applicable limitation period. The City shall promptly notify the applicant of any claim, action, or proceeding and the City shall cooperate fully in the defense. If the City fails to promptly notify the applicant of any claim, action, or proceeding, or if the City fails to cooperate fully in the defense, the applicant shall not thereafter be responsible to defend, indemnify, or hold harmless the city.

Exhibit C

GeoTracker info for Welch's site, 1987

STATE WATER RESOURCES CONTROL BOARD
GEOTRACKER

CASE SUMMARY

I. REPORTED BY -

UNKNOWN

CREATED BY

UNKNOWN

III. SITE LOCATION

FACILITY NAME
WELCH'S UNIFORM RENTAL(FORMER)

FACILITY ID

FACILITY ADDRESS
3505 PASADENA AVE
LOS ANGELES, CA 90031
LOS ANGELES COUNTY

ORIENTATION OF SITE TO STREET

CROSS STREET
PASADENA FREEWAY

V. SUBSTANCES RELEASED / CONTAMINANT(S) OF CONCERN

OTHER SOLVENT OR NON-PETROLEUM HYDROCARBON

VI. DISCOVERY/ABATEMENT

DATE DISCHARGE BEGAN

DATE DISCOVERED	HOW DISCOVERED	DESCRIPTION
	Subsurface Monitoring	

DATE STOPPED	STOP METHOD	DESCRIPTION

VII. SOURCE/CAUSE

SOURCE OF DISCHARGE

CAUSE OF DISCHARGE

DISCHARGE DESCRIPTION

VIII. CASE TYPE

CASE TYPE
Aquifer used for drinking water supply

IX. REMEDIAL ACTION

NO REMEDIAL ACTIONS ENTERED

X. GENERAL COMMENTS

Case transferred to DTSC on 12/18/06.

XI. CERTIFICATION

I HEREBY CERTIFY THAT THE INFORMATION REPORTED HEREIN IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE.

XII. REGULATORY USE ONLY

LOCAL AGENCY CASE NUMBER	REGIONAL BOARD CASE NUMBER
60000636	900310034

LOCAL AGENCY

CONTACT NAME	INITIALS	ORGANIZATION_NAME	EMAIL ADDRESS
ELOY LUNA	EL	LOS ANGELES, CITY OF	eloy.luna@lacity.org

ADDRESS

200 North Main Street, Suite 1780
LOS ANGELES, CA 90012

CONTACT DESCRIPTION

PHONE TYPE	PHONE NUMBER	EXTENSION
BUSINESS	(213)-978-3708	

REGIONAL BOARD

UNKNOWN

Copyright © 2020 State of California

Exhibit D

Envirostor info for Welch's Site

DEPARTMENT OF TOXIC SUBSTANCES CONTROL
ENVIROSTOR

FORMER WELCH'S UNIFORM FACILITY (60000636)

SIGN UP FOR EMAIL ALERTS

3505 PASADENA AVENUE
LOS ANGELES, CA 90031
LOS ANGELES COUNTY
SITE TYPE: VOLUNTARY CLEANUP

PROJECT MANAGER: DANIEL PHILO
SUPERVISOR: JOSE DIAZ
OFFICE: CLEANUP CHATSWORTH
CENSUS TRACT: 6037199000
CALENVIROSCREEN PERCENTILE SCORE: 96-100% (highest scores)

Summary | Activities | Community Involvement | Site/Facility Docs | Map | Related Sites | CalEnviroScreen

CalEnviroScreen 3.0

CalEnviroScreen data is provided by the Office of Environmental Health Hazard Assessment (OEHHA). To learn more about CalEnviroScreen please go to www.oehha.ca.gov.

CalEnviroScreen Score

Census Tract:	6037199000
Population:	5066
CalEnviroScreen Percentile Score	96-100% (highest scores)
Pollution Burden Percentile	99%
Population Characteristics Percentile	75%

Pollution Burden

Exposure Indicators	Percentile
Air Quality: Ozone:	53%
Air Quality: PM 2.5:	93%
Diesel Particulate Matter:	85%
Pesticide Use:	0%
Toxic Releases:	78%
Traffic Density:	92%
Drinking Water Contaminants:	60%

Environmental Effects Indicators	Percentile
Cleanups Sites:	97%
Groundwater Threats:	74%
Hazardous Waste Generators & Facilities:	91%
Impaired Water Bodies:	76%
Solid Waste Sites and Facilities:	85%

Population Characteristics

Sensitive Population Indicators	Percentile
Asthma:	56%
Low Birth Weight:	79%
Cardiovascular Rate:	27%

Socioeconomic Factor Indicators	Percentile
Education:	92%
Linguistic Isolation:	91%
Poverty:	89%
Unemployment:	37%
Housing Burden:	86%

Back to Top
Disclaimer
DTSC Home
Help
Contact Us

Copyright © 2020 State of California

2.039063 seconds

Exhibit E

Phase 1 ESA

PHASE I ENVIRONMENTAL SITE ASSESSMENT

135, 141 &153 West Avenue 34, and 3401 & 3433 Pasadena Avenue
Los Angeles, California 90031

Prepared for
MR Real Estate, LLC

Report Date
July 19, 2019

Project Number
201906-5738

Fulcrum Resources Environmental

517 South Ivy Avenue
Monrovia, California 91016
1-800-385-7105
www.frenviro.net

Fulcrum Resources Environmental (Fulcrum) has performed a Phase I Environmental Site Assessment of the property located at 135, 141 &153 West Avenue 34, and 3401 & 3433 Pasadena Avenue, Los Angeles County, Los Angeles, California 90031 in general conformance with the scope and limitations of the protocol and the limitations stated earlier in this report. Exceptions to or deletions from this protocol are discussed in this report.

Fulcrum declares that, to the best of our professional knowledge and belief, the undersigned meet the definition of *Environmental Professionals* as defined in §312.10 of this part [40 CFR Part 312], and have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. Fulcrum has developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Prepared By

_____

Emily Sturnfield, MS, LG
Senior Geologist
Environmental Professional

Reviewed By

_____

Ling Cao, MS
Project Manager, Principal Consultant
Environmental Professional

Final Review By

_____

Don Kellar, P.G.
Senior Project Manager, Hydro-geologist
Environmental Professional

· EXECUTIVE SUMMARY ·

Fulcrum Resources Environmental (FR) has conducted a Phase I Environmental Site Assessment in accordance with the American Society for Testing and Materials (**ASTM**) Standard Practice E1527-13 and U.S. Environmental Protection Agency Standards and Practices for All Appropriate Inquiries (40 CFR Part 312) for the subject property addressed at **135, 141 &153 West Avenue 34, and 3401 & 3433 Pasadena Avenue, Los Angeles County, Los Angeles, California 90031** (subject property) per the request of MR Real Estate, LLC (Client). The work was authorized by written contract dated June 19, 2019.

Additional Addresses

The subject property was historically associated with the following addresses:

1906
On West Avenue 34: 119, 139, 141, 143, 145, 147, 149, 153, 157
On Pasadena Avenue: 3403, 3407, 3417, 3419, 3423, 3429, 3431, 3437

1920
On West Avenue 34: 119, 139, 141, 143, 145, 147, 149, 153, 157
On Pasadena Avenue: 3401, 3403, 3407, 3411, 3417, 3419, 3423, 3425, 3429, 3431, 3437, 3439, 3441

1951
On West Avenue 34: 119, 123, 129, 133, 139, 141, 145, 149, 153, 155, 169
On Pasadena Avenue: 3401, 3407, 3415, 3417, 3419, 3421, 3423, 3425, 3429, 3431, 3437

1970
On West Avenue 34: 141, 153, 155, 169
On Pasadena Avenue: 3401, 3415, 3417, 3419, 3433, 3437

The additional addresses were researched as part of the subject property address range for the purposes of this Phase I Environmental Site Assessment.

Summary of Property Description

The subject property, 135, 141 &153 West Avenue 34, and 3401 & 3433 Pasadena Avenue, Los Angeles County, Los Angeles, California 90031, is located on the north side of West Avenue 34 and the west side of Pasadena Avenue, between North Artesian Street (to the west), within a highly-developed light industrial/commercial area. According to the Los Angeles County Tax Assessor's Office, the subject property is assigned the following Assessor's Parcel Numbers (APNs):

Address	APN	Land, sq feet	Building(s), sq feet
135 and 141 West Avenue 34	5205-004-011	157,560	87,980
153 West Avenue 34	5205-004-005	4,800	3,520
3401 Pasadena Avenue	5205-004-003	28,794	4,040 and 9,600
3433 Pasadena Avenue	5205-004-007	28,145	14,315

The subject property consists of four lots as described in Section 2.1 comprising a total of approximately 219,299 square-foot commercial lot. The parcels are described below based on publicly available information from the Los Angeles County Assessor Portal and site observations.

135 and 141 West Avenue 34

The property at 135 and 141 West Avenue 34 is currently improved with an industrial-commercial building of concrete construction, built in 1977. The building is comprised of two units, each of which includes office and warehouse space. The units are currently occupied by Ortiz Bros. Moving and Storage and Atlas Van Lines, a moving company; Phil's Transfer & Storage, Inc. for storage space; and Studio 34, Inc. for art studio space. Separate entrances and loading bays for the building are located near the southwest corner of the structure, and customer entry is achieved near the southeast corner of the building. Stacked corrugated steel shipping containers are located outside of the building in the parking areas in the south and central areas of the lot. The property features perimeter fencing of variable design, and motorized gate entry to the south along West Avenue 34.

153 West Avenue 34

The property at 153 West Avenue 34 is currently improved with an industrial-commercial building of brick and corrugated steel construction, built in 1929. The building is currently occupied by Ortiz Bros. Moving and Storage. The structure features a front entrance with a garage door for vehicular access along the southern boundary of the site. All other areas are asphalt paved with landscaped areas near the front entrance. Stacked corrugated steel shipping containers are located outside of the building in the parking areas to the north and northwest of the building. The property shares perimeter fencing with 145 and 141 West Avenue 34.

3401 Pasadena Avenue

The property at 3401 Pasadena Avenue is currently improved with an industrial-commercial building of wood-frame, cinderblock, and brick-façade construction on the east side of the parcel, built in 1925. That building is currently occupied by LootCrate, a merchandise wholesaler of apparel, games, accessories, and other various novelty items and collectables; and Call Time Quenchers, a beverage distribution company. Operational areas within the structure are primarily unfinished warehouse space with concrete flooring, utilized for storage of products, finished office/administrative areas with tile flooring and suspended drop-grid ceilings. The office portion of the structure features a split-level design with the second-story utilized for storage.

In the southeast corner of the site is a second industrial-commercial building of corrugated steel construction, built in 1948. The building is currently utilized as a warehouse for dry-goods storage. The

exterior of the property is asphalt paved with employee parking. An entrance is located near the southeast corner of the structure. The property also features perimeter chain link fencing with barbed wire and a manual gate for vehicular access along Pasadena Avenue.

3433 Pasadena Avenue

The property at 3433 Pasadena Avenue is currently improved with an industrial-commercial building of wood-frame and cinderblock construction with reinforced steel support beams and a brick façade, built in 1967. The building is also occupied by LootCrate. The building is comprised of office and work area space. The work area is partially finished with concrete and carpet flooring, and the office areas feature tile floors with drop-grid ceilings. The property shares parking areas and perimeter chain link fence with the 3401 Pasadena Avenue property.

All four parcels are together enclosed with fencing of variable design. A railroad corridor with a northeast/southwest alignment is present, parallel and adjacent to the western boundary of the subject property.

The subject property is occupied by the following tenants:

Property Address	Business Name	Business Operation
135 and 141 West Avenue 34	Ortiz Bros. Moving and Storage and Atlas Van Lines Phil's Transfer & Storage, Inc	Moving Company and Commercial Storage Moving Company and Commercial Storage
153 West Avenue 34	Ortiz Bros. Moving and Storage and Atlas Van Lines	Moving Company and Commercial Storage
3401 Pasadena Avenue	LootCrate Quick Time Quenchers	Merchandise Wholesaler Beverage Distributor
3433 Pasadena Avenue	LootCrate	Merchandise Wholesaler

The subject property has been owned by Mr. Eric Ortiz of Ortiz Bros. Moving and Storage since 2000, and has occupied the property since 1993.

Summary of Property History

Based on a review of available historical records, the north, west, and central areas of the subject property were vacant, and the east and west areas were developed with private residential structures by as early as 1894. Most of these residential properties persisted until 1964 with few exceptions, including the subject property warehouse building addressed 153 West Avenue 34 (constructed in 1929) along the southern boundary of the site, and the subject property warehouse buildings addressed 3401 Pasadena Avenue (constructed in 1925) and 3433 Pasadena Avenue (constructed in 1967) along the eastern boundary of the site. A railroad corridor has been historically present along the western boundary since at least 1894, and is still currently in use. A bakery occupied the southeast corner of the property (original occupant of the 3401 Pasadena Avenue building) from 1919 until at least 1951, and was redeveloped as a machine and woodworking shop in 1970.

The historic industrial areas of the subject property have a more complicated history, and are discussed here as the "historic industrial areas". These areas include the north, west, and central parts of the site. The historic industrial areas were vacant and undeveloped in 1894 until at least 1906. By 1920, these areas were developed and occupied by the Los Angeles Sand & Gravel Company, which occupied the property until at least 1928, and terminated by 1938, at which time the historic industrial areas of the subject property consisted of vacant land. By 1948, these areas were redeveloped with six industrial structures, occupied by Steel Framing & Building Corporation in 1951, and ITT Cannon Electronics Inc. from at least 1964-1970. The historic industrial areas were demolished and consisted of vacant and graded land in the 1977 aerial photograph, and the subject property buildings addressed 135 and 141 West Avenue 34 were constructed in 1977 according to building department files and tax assessor records, and was occupied by American Caster Corp from 1977 until the property was purchased by the current owner, Mr. Eric Ortiz, in 1999. The subject property has been primarily occupied by Ortiz Brothers Moving & Storage, with a variety of tenants between 1999 and present. Refer to Section 4.1.

Summary of Regulatory Database Concerns

The subject property was not identified on any of the federal, state, or local regulatory records databases in the Environmental Data Resources, Inc. (EDR) Radius report.

Vapor Encroachment Condition (VEC)

A total of 8 sites were identified in the Radius Map Report and historical research within the "Area of Concern" that were considered to pose a potential VEC at the subject property based on the Tier 1 Evaluation. Tier 1 sites are:

- **3505 Pasadena Avenue** (Map ID B41-47) – this site was identified under the operator name Former Welch's Uniform Services and is located adjacent to and north of the subject property. The site is listed in the following databases from the report: UST (2), RCRA-LQG, ENVIROSTOR, LUST, CPS-SLIC (2), VCP, SWEEPS UST, HIST UST, CA FID UST, FINDS, ECHO, EMI, HIST CORTESE, CERS, DRYCLEANERS, HAZMAT, and EDR Hist Cleaner. Based on regulatory oversight and on-going SVE remediation with semi-annual groundwater monitoring, and the most recent (2016) analytical data available, this site does not represent a VEC to the subject property.

- **3500 Pasadena Avenue** (Map ID F61, 62) – this site was identified under the operator names Smith W P and Chuy Carburetors, and is located approximately 250 feet northeast of the subject property. The site is listed in the EDR Hist Cleaner and HAZMAT databases. Based on the available information, this site does not represent a VEC to the subject property.

- **3225 Lacy Street** (Map ID H67-73) – this site was identified under the operator names Heath & Co, and Maintenance and Operations New Maintenance Company for the Los Angeles Unified School District. The site is located approximately 350 feet southwest of the subject property, and is listed in the following databases from the report: HIST UST, UST, SWEEPS UST, CA FID UST,

RCRA-LQG, HAZMAT, LUST, FINDS, ECHO, HIST CORTESE, and CERS. Based on separation distance and site closure status, this site does not represent a VEC to the subject property.

- **3209 East Humboldt Street (**Map ID I74-78) – this property is located approximately 600 feet south of the subject property, and was identified under the operator ITT Cannon / Kennington. The site is listed in the following databases from the report: HAZMAT, UST, RCRA-SQG, FINDS, SEMS, ENVIROSTOR, VCP, SWEEPS UST, CA FID UST, DEED, HIST CORTESE, CPS-SLIC, LA Co. Mitigation, and CERS. Based on separation distance and regulatory oversight of cleanup activities with active groundwater monitoring, this site does not represent a VEC to the subject property.

- **3580 Pasadena Avenue** (Map ID J94-97) – this site was identified under the operator name Flavor Food Inc. and is located approximately 700 feet northeast of the subject property. The site is listed in the following databases from the report: SWEEPS UST, CA FID UST, LUST, HIST UST, HIST CORTESE, CERS, and UST. Based on separation distance and site closure status, this site does not represent a VEC to the subject property.

- **3101 Artesian Street** (Map ID N98-104) – this site was identified under the operator names Lincoln Heights District and P D D Construction MTNC. The site is located approximately 730 feet southwest of the subject property, and is listed in the following databases from the report: SWEEPS UST, CA FID UST, UST (2), LUST (2), RCRA-SQG, FINDS, ECHO, HAZMAT, CERS HAZ WASTE, HIST UST (2), CERS TANKS, HIST CORTESE, and CERS. Based on separation distance from the subject property, this site does not represent a VEC to the subject property.

- **301 West Avenue 26** (Map ID S127-128) – this property is located approximately 1,700 feet southwest of the subject property and was identified under the operator names Jaybee and Ajax Manufacturing. The site is listed in the ENVIROSTOR, VCP, EMI, and SEMS databases. Based on separation distance and regulatory oversight of cleanup activities with active groundwater monitoring, this site does not represent a VEC to the subject property.

- **400 West Avenue 26** (Map ID T129, 130, 133) – this site was identified under the operator name Lacy's Street Dump and is located approximately 1,700 feet southwest of the subject property. The site is listed in the WMUDS/SWAT, LDS, CERS (2), and SWF/LF (2) databases. Based on separation distance and regulatory closure status, this site does not represent a VEC to the subject property.

In our opinion, none of the other sites listed pose a significant threat to the subject property as there is no indication of a release at the respective sites, a release has occurred but the medium affected was the soil only and the site is beyond the critical distance of 100 feet, or the site location and/or plume of contamination is in excess of the critical distance of 100 feet from the subject property. Thus, a VEC can be ruled out because a VEC does not or is not likely to exist at the subject property.

Data Gaps

No significant data gaps were identified.

Refer to Section 1.4 for a discussion of the limitations, data failures, and/or data gaps encountered during this assessment.

· FINDINGS ·

Recognized Environmental Conditions (RECs)

In defining a standard of good commercial and customary practice for conducting an environmental site assessment of a parcel of property, the goal of the processes established by this practice is to identify recognized environmental conditions (RECs). The term recognized environmental conditions means the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the subject property or into the ground, ground water, or surface water of the subject property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include *de minimis* conditions that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be *de minimis* are not recognized environmental conditions.

This assessment has revealed no evidence of RECs in connection with the subject property.

Historical Recognized Environmental Condition (HREC)

A Historical Recognized Environmental Condition (HREC) is a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by regulatory authority, without subjecting the property to any required controls (e.g. property use restrictions, AULs, institutional controls, or engineering controls).

This assessment has revealed no evidence of HRECs in connection with the property.

Controlled Recognized Environmental Condition (CREC)

A Controlled Recognized Environmental Condition (CREC) is a REC resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (as evidenced by the issuance of a NFA letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (property use restrictions, AULs, institutional controls, or engineering controls).

This assessment has revealed no evidence of CRECs in connection with the subject property.

· CONCLUSIONS & RECOMMENDATIONS ·

FR has conducted a Phase I Environmental Site Assessment in accordance with the American Society for Testing and Materials (**ASTM**) Standard Practice E1527-13 and Environmental Protection Agency Standards and Practices for All Appropriate Inquiries (40 CFR Part 312) for the subject property addressed at **135, 141 &153 West Avenue 34, and 3401 & 3433 Pasadena Avenue, Los Angeles County, Los Angeles, California 90031**. This assessment has revealed no evidence of Recognized Environmental Conditions (RECs) during the course of this assessment with the property.

FR recommends no further investigations for the subject property at this time.

· TABLE OF CONTENTS ·

· 1.0 INTRODUCTION · 1

1.1 PURPOSE 1
1.2 SCOPE OF WORK 2
1.3 SIGNIFICANT ASSUMPTIONS 3
1.4 LIMITATIONS, DATA FAILURES, AND DATA GAPS 3
1.4.1 LIMITING CONDITIONS/DEVIATIONS 4
1.4.2 DATA FAILURES 4
1.4.3 DATA GAPS 4
1.5 QUALIFICATION STATEMENT OF PROFESSIONAL 4
1.6 USER RELIANCE 5

· 2.0 SITE DESCRIPTION · 6

2.1 LOCATION AND LEGAL DESCRIPTION 6
2.2 GENERAL CHARACTERISTIC 6
2.3 CURRENT PROPERTY USE 7
2.4 CURRENT ADJOINING PROPERTIES DESCRIPTION 8
2.5 MUNICIPAL SERVICES AND UTILITIES 8
2.6 PHYSICAL SETTINGS 8
2.6.1 TOPOGRAPHY 8
2.6.2 GEOLOGY/SOIL CONDITIONS 9
2.6.3 HYDROGEOLOGY 9

· 3.0 PROPERTY RECONNAISANCE · 10

3.1 PROPERTY CONDITION OBSERVATIONS 10
3.2 ASTM RECONNAISSANCE FINDINGS 10
3.3 ASTM NON-SCOPE CONSIDERATIONS 12

· 4.0 HISTORICAL USE SUMMARY · 15

4.1 HISTORICAL AERIAL PHOTOGRAPHS REVIEW 15
4.2 HISTORICAL SANBORN MAP COVERAGE REVIEW 17
4.3 PROPERTY TAX FILE 21
4.4 RECORDED LAND TITLE RECORDS 21
4.5 USGS 7.5 MINUTE TOPOGRAPHIC MAPS 21
4.6 HISTORICAL CITY DIRECTORY LISTINGS 22
4.7 BUILDING DEPARTMENT RECORDS 32
4.8 ZONING/LAND USE RECORDS 35
4.9 PREVIOUS REPORTS 35
4.10 OTHER HISTORICAL RECORDS 37

4.11 HISTORICAL SUMMARY **37**

· 5.0 INTERVIEWS/USER INFORMATION · **39**

5.1 INTERVIEWS **39**
5.2 USER INFORMATION **39**
5.2.1 ENVIRONMENTAL LIENS AND/OR ACTIVITY AND USE LIMITATIONS (AULS) 39
5.2.2 SPECIALIZED KNOWLEDGE 39
5.2.3 VALUATION REDUCTION FOR ENVIRONMENTAL ISSUES 40
5.2.4 COMMONLY KNOWN OR *REASONABLY ASCERTAINABLE* INFORMATION 40
5.2.5 OTHER USER PROVIDED INFORMATION 40

· 6.0 GOVERNMENT DATABASE SECTION · **41**

6.1 ENVIRONMENTAL DATABASE SUMMARY **41**
6.2 PROPRIETARY DATABASE LISTINGS **59**
6.3 VAPOR ENCROACHMENT CONDITION **59**
6.4 AGENCY RECORDS **62**

· 7.0 CONCLUSIONS & RECOMMENDATIONS · **63**

· 8.0 REFERENCES · **64**

· 9.0 ACRONYMS · **65**

· FIGURES & APPENDICES ·

FIGURE 1 SITE LOCATION MAP
FIGURE 2 SUBJECT PROPERTY LAYOUT
FIGURE 3 SUBJECT PROPERTY VICINITY
FIGURE 4 PARCEL MAP

APPENDIX A PHOTOGRAPHS
APPENDIX B HISTORICAL RECORD SEARCH
APPENDIX C CORRESPONDENCE/AGENCY RECORDS
APPENDIX D REGULATORY DATABASE
APPENDIX E PREVIOUS ENVIORNMENTAL REPORTS
APPENDIX F PROFESSIONAL QUALIFICATIONS/LIABILITY INSURANCE

· 1.0 INTRODUCTION ·

FR has conducted a Phase I Environmental Site Assessment in accordance with the American Society for Testing and Materials (**ASTM**) Standard Practice E1527-13 and Environmental Protection Agency Standards and Practices for All Appropriate Inquiries (40 CFR Part 312) for the subject property addressed 135, 141 &153 West Avenue 34, and 3401 & 3433 Pasadena Avenue, Los Angeles County, Los Angeles, California 90031 (subject property) per the request of MR Real Estate, LLC. The work was authorized by written contract dated June 19, 2019.

1.1 Purpose

The purpose of a Phase I Environmental Site Assessment is to identify potential issues that may impact the subject property. The purpose of this practice is to define good commercial and customary practice in the United States of America for conducting an environmental site assessment of a parcel of commercial real estate with respect to the range of contaminants within the scope of Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) (42 U.S.C. 9601) and petroleum products. The investigation was conducted in accordance with the *Client's* Environmental Site Assessment scope of work for the use and benefit of the *Client* and the U.S. Small Business Administration (U.S. SBA) if financing is to be authorized by U.S. SBA. As such, this practice is intended to permit a user to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on CERCLA liability (hereinafter, the "landowner liability protections," or "LLPs"): that is, the practice that constitutes "all appropriate inquiry into the previous ownership and uses of the subject property consistent with good commercial or customary practice" as defined at 42 U.S.C. 9601(35)(B).

Controlled substances are not included within the scope of this standard. Persons conducting an environmental site assessment as part of an EPA Brownfields Assessment and Characterization Grant awarded under CERCLA 42 U.S.C. 9604(k)(2)(B) must include controlled substances as defined in the Controlled Substances Act (21 U.S.C. 802) within the scope of the assessment investigations to the extent directed in the terms and conditions of the specific grant or cooperative agreement. Additionally, an evaluation of business environmental risk associated with a parcel of commercial real estate may necessitate investigation beyond that identified in this practice.

The purpose of this report is not intended to include *de minimis* conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. This report is also not intended to serve as a compliance assessment of the subject property.

The ASTM E1527-13 practice DOES NOT address requirements of any state or local laws or of any federal laws other than the all appropriate inquiry provision of the LLPs. Per the ASTM Standard, Users are cautioned that federal, state, and local laws may impose environmental assessment obligations that are beyond the scope of this practice. Users should also be aware that there are likely to be other legal

obligations with regard to hazardous substances or petroleum products discovered on the subject property that are not addressed in the ASTM practice and that may pose risks of civil and/or criminal sanctions for non-compliance.

1.2 Scope of Work

This report has been prepared per the conditions presented in the agreed contract signed by the client. In accordance with ASTM guidelines, FR's scope of work included:

1. Requested user or one deemed most historically familiar with subject property to complete FR's environmental questionnaire.

2. Conducted visual reconnaissance of the subject property and adjoining properties, including site interviews with past or present owners, occupants, tenants, and/or operators if applicable.

3. Requested and researched historical documentation including but not limited to aerial photographs, city directories, topographic maps, interviews, public agency records, and fire insurance maps. Chain-of-title and environmental liens were reviewed if requested or provided by the client/user.

4. Reviewed federal, state, and local regulatory agency database information for the subject property and neighboring properties to identify potential concerns that could adversely affect the environmental condition of the subject property.

5. Prepared a technical Phase I Environmental Assessment report to document the findings regarding the current environmental condition of the subject property. If warranted, the report contains recommendations for further action. In addition to ASTM scope items, the following ASTM non-scope items were discussed and included in the report based upon a limited review: asbestos containing materials, radon, lead-based paint, lead in drinking water, potential wetlands, air emissions, and mold/water intrusion.

ASTM E1527-13 does not encompass analytical testing to evaluate Asbestos Containing Materials (ACM), radon, lead-based paint (LBP), drinking water quality, lead in drinking water, wetlands, regulatory compliance, cultural and historical resources, industrial hygiene, health and safety, ecological resources, endangered species, indoor air quality, biological agents, mold, stored chemicals, debris, fill materials, surface water, or subsurface samples (soil and groundwater) as part of a Phase I ESA. Such additional information regarding non-ASTM E1527-13 issues may be provided merely for the *User's* convenience and cannot be used to bind this report as a whole to the compliance and conformance with ASTM guidelines. No disassembly of systems or building components or physical or invasive testing is to be performed unless Contract Engagement specifically calls for such testing as an additional scope of work. FR Environmental has performed this *Phase I Environmental Site Assessment* in conformance with the scope and limitations of ASTM Practice E1527-13. This *Report* may not include all environmental conditions which can materially impact the Subject Property other than those defined as RECs, HRECs, and CRECs in ASTM E1527-13.

1.3 Significant Assumptions

The following assumptions are made by FR Environmental in this report. FR relied on information derived from secondary sources. FR Environmental has made no independent investigation as to the accuracy and completeness of the information derived from secondary sources including government agencies, the client, designated representatives of the client, property contact, property owner, property owner representatives, computer databases, or personal interviews and has assumed that such information is accurate and complete. FR Environmental assumes information provided by or obtained from governmental agencies including information obtained from government websites is accurate and complete.

Groundwater flow and depth to groundwater, unless otherwise specified by on-site well data, or well data from adjacent sites are assumed based on contours depicted on the United States Geological Survey topographic maps. FR Environmental assumes the subject property has been correctly and accurately identified by the client, designated representative of the client, property contact, property owner, and property owner's representatives.

FR Environmental assumes that the Client, Client representatives, Client Legal Counsel, designated representatives of the Client, property contact, property owner, property owner representatives, and property brokers, used good faith in answering questions and in obtaining information for the subject property as defined in 10.8 of the ASTM E1527-13 practice. This would also include obtaining those helpful documents from previous owners, operators, tenants, brokers, financial institutions etc. FR Environmental also assumes the Client will designate appropriate and knowledgeable people for performance of the Phase I Environmental Assessment.

1.4 Limitations, Data Failures, and Data Gaps

It is important to note that property conditions, as well as federal, state, and local/tribal regulations can change over time. Therefore, the conclusions and information presented in this report apply strictly to regulations and property conditions existing at the time the report was completed. FR Environmental assumes that information provided by local agencies is true. FR Environmental cannot guarantee or warranty that information provided second-hand is accurate to its fullest extent. FR Environmental is not responsible for conditions found at or beneath the subject property or adjacent properties. Accordingly, portions of this report may be invalidated wholly or partially by the changes beyond our control.

The findings, conclusions, and recommendations presented herein are based solely on the scope of work previously described and information gathered. Incomplete or outstanding information identified throughout the body of this report including data gaps is considered a limitation to the assessment. Limitations to the assessment also include weather conditions, vegetation cover, parked cars, trucks, dumpsters, and anything limiting visual observation of or physical access to the subject property and neighboring properties. Vapor intrusion is not included in this scope of services and is considered an

ASTM Non-scope consideration. FR was not contracted to disassemble or perform testing of machinery on-site. This report and scope is not an environmental compliance audit.

Certain policies can differ from lenders or users. For CERCLA landowner liability protection, Phase I ESA reports are valid for 180 days, per ASTM E1527-13.

1.4.1 Limiting Conditions/Deviations

There were no limiting conditions or deviations in the performance of this Phase I ESA.

1.4.2 Data Failures

Data failure is one type of data gap. According to ASTM E1527-13, data failure occurs when all of the standard historical sources that are reasonably ascertainable and likely to be useful have been reviewed and yet the objectives have not been met. Pursuant to ASTM E1527-13, historical sources are required to document property use back to the property's first developed use or back to 1940, whichever is earlier, or periods of five years or greater.

No data failures were identified during this assessment.

1.4.3 Data Gaps

According to ASTM E1527-13, data gaps occur when the Environmental Professional is unable to obtain information required by the Standard, despite good faith efforts to gather such information. Pursuant to ASTM E1527-13, only significant data gaps, defined as those that affect the ability of the Environmental Professional to identify RECs, need to be documented.

No significant data gaps were identified.

1.5 Qualification Statement of Professional

Our investigation was performed using the degree of care and skill ordinarily exercised, under similar circumstances, by or under direct oversight of an environmental professional as defined by the ASTM. FR Environmental's environmental professional who prepared this assessment possesses the specific qualifications based upon education, training and experience to assess a property of the nature, history, and setting of the subject property. Neither FR Environmental, nor any staff member assigned to this investigation has any interest or contemplated interest, financial or otherwise, in the subject or surrounding properties, or in any entity which owns, leases, or occupies the subject or surrounding properties or which may be responsible for environmental issues identified during the course of this investigation, and has no personal bias with respect to the parties involved. FR Environmental has developed and performed the "*All Appropriate Inquiries*" in accordance with the standards and practices as defined in 40 CFR Part 312.

1.6 User Reliance

This investigation was conducted in accordance with the Client's Environmental Site Assessment scope of work for the use and benefit of the Client and assignees. It is based, in part, upon documents, writings, and information owned, possessed, or secured by the Client. Neither this Report, nor any information contained herein, shall be used or relied upon for any purpose by any other person or entity without the express written permission of the Client.

All reports (whether in paper, digital, electronic, or any other formats) are for the sole use and benefit of the Client. Either verbally or in writing, third parties may come into possession of this Report, whether all or part of the information generated. In the absence of a written agreement with Fulcrum granting such rights, no third parties shall have rights of recourse or recovery whatsoever under any course of action against Fulcrum. Unauthorized use of this Report shall constitute acceptance of and commitment to protect, hold and indemnify Fulcrum harmless from any and all claims, damages, losses, liabilities, and expenses (including reasonable attorney's fees) responsibilities, which shall be irrevocable and shall apply regardless of the cause of action or legal theory pled or asserted. Additional legal penalties may apply.

· 2.0 SITE DESCRIPTION ·

2.1 Location and legal description

The subject property, 135, 141 &153 West Avenue 34, and 3401 & 3433 Pasadena Avenue, Los Angeles County, Los Angeles, California 90031, is located on the north side of West Avenue 34 and the west side of Pasadena Avenue, between North Artesian Street (to the west), within a highly-developed light industrial/commercial area. According to the Los Angeles County Tax Assessor's Office, the subject property is assigned the following Assessor's Parcel Numbers (APNs):

Address	APN	Land, sq feet	Building(s), sq feet
135 and 141 West Avenue 34	5205-004-011	157,560	87,980
153 West Avenue 34	5205-004-005	4,800	3,520
3401 Pasadena Avenue	5205-004-003	28,794	4,040 and 9,600
3433 Pasadena Avenue	5205-004-007	28,145	14,315

2.2 General characteristic

The subject property consists of four lots as described in Section 2.1 comprising a total of approximately 219,299 square-foot commercial lot. The parcels are described below based on publicly available information from the Los Angeles County Assessor Portal and site observations.

135 and 141 West Avenue 34

The property at 135 and 141 West Avenue 34 is currently improved with an industrial-commercial building of concrete construction, built in 1977. The building is comprised of two units, each of which includes office and warehouse space. The units are currently occupied by Ortiz Bros. Moving and Storage and Atlas Van Lines, a moving company; Phil's Transfer & Storage, Inc. for storage space; and Studio 34, Inc. for art studio space. Separate entrances and loading bays for the building are located near the southwest corner of the structure, and customer entry is achieved near the southeast corner of the building. Stacked corrugated steel shipping containers are located outside of the building in the parking areas in the south and central areas of the lot. The property features perimeter fencing of variable design, and motorized gate entry to the south along West Avenue 34.

153 West Avenue 34

The property at 153 West Avenue 34 is currently improved with an industrial-commercial building of brick and corrugated steel construction, built in 1929. The building is currently occupied by Ortiz Bros. Moving and Storage. The structure features a front entrance with a garage door for vehicular access along the southern boundary of the site. All other areas are asphalt paved with landscaped areas near the front entrance. Stacked corrugated steel shipping containers are located outside of the building in the parking areas to the north and northwest of the building. The property shares perimeter fencing with 145 and 141 West Avenue 34.

3401 Pasadena Avenue

The property at 3401 Pasadena Avenue is currently improved with an industrial-commercial building of wood-frame, cinderblock, and brick-façade construction on the east side of the parcel, built in 1925. That building is currently occupied by LootCrate, a merchandise wholesaler of apparel, games, accessories, and other various novelty items and collectables; and Call Time Quenchers, a beverage distribution company. Operational areas within the structure are primarily unfinished warehouse space with concrete flooring, utilized for storage of products, finished office/administrative areas with tile flooring and suspended drop-grid ceilings. The office portion of the structure features a split-level design with the second-story utilized for storage.

In the southeast corner of the site is a second industrial-commercial building of corrugated steel construction, built in 1948. The building is currently utilized as a warehouse for dry-goods storage. The exterior of the property is asphalt paved with employee parking. An entrance is located near the southeast corner of the structure. The property also features perimeter chain link fencing with barbed wire and a manual gate for vehicular access along Pasadena Avenue.

3433 Pasadena Avenue

The property at 3433 Pasadena Avenue is currently improved with an industrial-commercial building of wood-frame and cinderblock construction with reinforced steel support beams and a brick façade, built in 1967. The building is also occupied by LootCrate. The building is comprised of office and work area space. The work area is partially finished with concrete and carpet flooring, and the office areas feature tile floors with drop-grid ceilings. The property shares parking areas and perimeter chain link fence with the 3401 Pasadena Avenue property.

All four parcels are together enclosed with fencing of variable design. A railroad corridor with a northeast/southwest alignment is present, parallel and adjacent to the western boundary of the subject property.

2.3 Current property use

The subject property is occupied by the following tenants:

Property Address	Business Name	Business Operation
135 and 141 West Avenue 34	Ortiz Bros. Moving and Storage and Atlas Van Lines Phil's Transfer & Storage, Inc	Moving Company and Commercial Storage Moving Company and Commercial Storage
153 West Avenue 34	Ortiz Bros. Moving and Storage and Atlas Van Lines	Moving Company and Commercial Storage
3401 Pasadena Avenue	LootCrate Quick Time Quenchers	Merchandise Wholesaler Beverage Distributor
3433 Pasadena Avenue	LootCrate	Merchandise Wholesaler

The subject property has been owned by Mr. Eric Ortiz of Ortiz Bros. Moving and Storage since 2000, and has occupied the property since 1993.

2.4 Current adjoining properties description

The subject property is located in a highly-developed, industrial-commercial area of Los Angeles, California. The following land use was observed in the immediate vicinity of the property:

Direction	Property Address	Business Name	Business Operation
North	3505 Pasadena Avenue***	Vacant land, formerly Welch's Uniform Facility	N/A – Vacant Land
East	120 East Avenue 35*** 3412 Pasadena Avenue 3403 Smith Street	Hillside Elementary School N/A - Private Residences N/A – Private Residences	Los Angeles Public Schools N/A - Private Residences N/A - Private Residences
South	170 West Avenue 34 164-166 West Avenue 34 140 West Avenue 34 138 West Avenue 34 134 West Avenue 34 130 West Avenue 34 120 West Avenue 34 118 West Avenue 34 116 West Avenue 34 3305 Pasadena Avenue	N/A – Vacant Fabco Art Services N/A – Private Residence South Bay Catering ACW Apparel N/A – Private Residences Screen Printing & Embroidery N/A – Private Residences N/A – Private Residence Arpine Media Group	Vacant Warehouse Custom Design Company N/A – Private Residence Catering Company Clothing Warehouse N/A – Private Residences Commercial Printing N/A – Private Residences N/A – Private Residence Commercial Printing
West	403 West Avenue 33***	Viertel's Central Division, Los Angeles Police Department	Impoundent Lot & Police Garage

*** Address listed in the Regulatory Records Database (Refer to Section 6.0)

2.5 Municipal Services and Utilities

The provider of municipal services and utilities to the subject property is not known; however, the property was noted to be connected to public water and sewer services.

2.6 Physical Settings

2.6.1 Topography

The United States Geological Survey (USGS), [Los Angeles, California] 7.5 Minute Topographic Quadrangle map of the subject property and surrounding vicinity was reviewed. The elevation of the property is approximately 370 feet above mean sea level (MSL). Topography at the subject property is relatively flat and declines gently to the west towards the nearby Arroyo Seco, a seasonal and generally dry river.

A copy of the USGS 7.5 Minute Topographic Quadrangle Map of Los Angeles, California, is included in the appendices of the report.

2.6.2 Geology/Soil Conditions

The site is located in the Los Angeles basin, within the Downey Plain near the Arroyo Seco, which seasonally drains into the Los Angeles River to the southeast. Surface materials consist of alluvium and channel deposits with poorly graded sand, gravel, and cobbles to depths of to 75 feet below grade.

Based on a site assessment report prepared for Welch's Uniform Service at 3505 Pasadena Avenue, adjacent to and north of the subject property, the site is underlain by sand with trace gravel to 25 feet bgs, below which are sand and gravel mixtures to 55 feet below grade, which transitions to sand from around 55 feet below grade to 80 feet below grade. At approximately 80 feet below grade, the lithology changes to saturated gravel feet to 85 feet, below which is silt to approximately 96 feet below grade, the maximum depth explored (AmeriPride Service, November 2005).

2.6.3 Hydrogeology

The subject property is located within the Los Angeles Coastal Plain; approximately 175 feet west of the Arroyo Seco, and approximately 0.7 miles east of the Los Angeles River, which is a concrete lined storm channel that prevents infiltration of surface water and empties to the Pacific Ocean. Based on the groundwater report monitoring report prepared for the north adjacent property at 3505 Pasadena Avenue in 2005, depth to groundwater is 38-40 feet below grade (AmeriPride Service, November 2005).

Note that groundwater flow direction can be influenced locally and regionally by the presence of local wetland features, surface topography, recharge and discharge areas, horizontal and vertical inconsistencies in the types and location of subsurface soils, and proximity to water pumping wells. Depth and gradient of the water table can change seasonally in response to variation in precipitation and recharge, and over time, in response to urban development such as storm water controls, impervious surfaces, pumping wells, cleanup activities, dewatering, seawater intrusion barrier projects near the coast, and other factors.

· 3.0 PROPERTY RECONNAISANCE ·

3.1 Property Condition Observations

Mr. Eric Ortiz, the subject property Owner, provided full property access to the FR assessor, Mr. Steven Wong, on June 27, 2019. There were no limited property access conditions. The weather conditions were sunny at 72 degrees Fahrenheit. No weather conditions were limiting property observations.

Site characteristics observed by the FR site assessor are described in above Section 2.2.

Please refer to the table below for information on petroleum products, hazardous substances, and/or hazardous wastes observed on the subject property at the time of FR's site visit.

Hazardous Substances/Wastes Observed	Quantity	Location	Spills/Leaks Observed
Propane	8 x 33.5-lb tanks 4 x 20-lb tanks	Under outdoor canopy	No
Gasoline	3 x ~5-gallon jugs	Under outdoor canopy	No

No significant amounts of hazardous substances or processes that generate or handle hazardous wastes were observed on the subject property during FR's site reconnaissance. No Recognized Environmental Conditions (RECs) were observed during the site reconnaissance.

3.2 ASTM Reconnaissance Findings

Recognized Environmental Conditions (RECs) - In defining a standard of good commercial and customary practice for conducting an environmental site assessment of a parcel of property, the goal of the processes established by this practice is to identify recognized environmental conditions. The term recognized environmental conditions means the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the subject property or into the ground, ground water, or surface water of the subject property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include *de minimis* conditions that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be *de minimis* are not recognized environmental conditions.

FR conducted a visual review and observation of the subject property and adjoining properties per ASTM Scope Considerations listed below.

Item	Identified
Hazardous Substances and Petroleum Products in Connection with Identified Uses	4 x 20-lb propane tanks; 8 x 33.5-lb propane tanks for forklift operation; and small amounts of gasoline for automotive operation. No leaks, spills, or staining were observed in relation to the petroleum products present on the subject property. No significant amounts of hazardous substances or petroleum products were observed to be used in connection with current business operations.
Aboveground & Underground Hazardous Substance or Petroleum Product Storage Tanks (ASTs / USTs)	None identified
Fueling systems	None identified
Pungent or Noxious Odors	None identified
Pools of Liquid	None identified
Drums or Other Containers of Hazardous Substances or Petroleum Products	None identified
Unidentified hazardous substances or petroleum products not in connection with property use	None identified
Unidentified substance containers	None identified
Machinery or equipment likely containing PCBs	None identified
Significant surface staining on interior or exterior portion of property	None identified
Heating/Cooling Equipment with Observed Fuel Sources	None identified
Drains and Sumps	Several floor drains were observed in the bathrooms of the subject property buildings in addition to one floor drain in the warehouse associated with the address 3401 Pasadena Avenue. Due to locality and lack of observed business operations and/or processes that generate or handle hazardous wastes or materials, the observed floor drains are not expected to represent significant point source features for groundwater contamination.

Item	Identified
Regulated or Unregulated Waste Water Discharge	A three-stage clarifier was observed in the southwest portion of the main subject building behind the canopy. According to Mr. Eric Ortiz, subject property Owner, the clarifier has been present on the property since purchase and has not been in use by current business operations. The clarifier appears to be dry and unused. Two former groundwater (GW) monitoring wells were recently closed that are located to the south of the southwest portion of the property on Avenue 34. Due to the lack of reported releases and/or observed business operations that generate or handle hazardous wastes or materials, the clarifier is not expected to represent a significant environmental concern. FR suggests that if there's no planned future uses of the clarifier; it should be properly removed from the subject property.
Pits, Ponds, or Lagoons	None identified
Stockpiled Soils with Visual Evidence of Contamination	None identified
Questionable Fill Material (unknown origin) or Visual Evidence of Buried Wastes	None identified
Septic Systems	None identified
Wells	None identified
Stressed Vegetation	None identified
Surficial Disturbance	None identified
Biohazardous Wastes	None identified
Herbicide or Pesticide Use	None identified
Dry-cleaning Operation	None identified
Other	None identified

3.3 ASTM Non-Scope Considerations

Unless authorized per the user's request, FR did not engage in conducting sampling or an assessment beyond a visual review of the ASTM Non-Scope Considerations. FR conducted a visual review of the following ASTM Non-Scope Considerations included in this assessment:

ASTM Non-Scope Item	Identified
Asbestos-Containing-Materials (ACMs)	Based on the construction date (1929-1977), asbestos-containing building materials could be present. An ACM survey was not included in the current scope of services.
Lead-based paint (LBP)	Based on the construction date (1929-1977), lead-based paints could be present. A LBP survey was not included in the current scope of services.
Radon	A review of the EPA's Map of Radon Zones indicates that Los Angeles County falls within Zone 2, a zone of moderate radon potential. Counties located within Zone 2 have a predicted average indoor radon screening level of between 2 and 4 picocuries per liter (pCi/L), equal to or below the EPA's radon action level of 4 pCi/L for residential structures. A radon survey was not included in the current scope of services.
PCB-oil in hydraulic equipment, ballasts, switcher, transformers, etc.	A caged pad-mounted transformer was observed in the southwest portion the subject property. There were no signs of oil leaks or staining at the base of this pad-mounted transformer that would present an immediate adverse impact to the environmental integrity of the subject site. Several pole-mounted transformers were observed on the subject property. Any transformers related to the power-pole are operated by the Southern California Edison. In the event of a release of dielectric fluid from one of its transformers, the utility company typically performs the cleanup. A PCB survey was not included in the current scope of services.
Lead in Drinking Water	A lead in drinking water survey was not included in the current scope of services.
Flood Zone	Based on a review of a flood zone map contained in the EDR Radius Map Report, the subject property is located within a 500-year flood zone.
Mold and Indoor Air Quality Issues	No obvious indications of water damage or mold growth were observed during FR's visual inspection.

Asbestos Containing Material

Asbestos-containing material (ACM) represents a concern when it is subject to damage that results in the release of fibers. Friable ACM, which can be crumbled by hand pressure and is therefore more susceptible to damage, is of particular concern. Non-friable ACM is a potential concern if it is damaged by maintenance work, demolition or other activities.

For buildings constructed prior to 1981, the Code of Federal Regulations (29 CFR 1926.1101 and 29 CFR 1910.1001) define presumed asbestos-containing material (PACM) as 1. Thermal System Insulation (TSI), e.g., boiler insulation, pipe lagging, fireproofing; and 2. Surfacing Materials, e.g., acoustical ceilings. Building owners/employers are responsible for locating the presence and quantity of PACM. Building Owners/employers can rebut installed material as PACM by either having an inspection in accordance with Asbestos Hazard Emergency Response Act (AHERA) (40 CFR Part 763, Subpart E) or hiring an accredited inspector to take bulk samples of the suspect material.

Typical materials not covered by the presumptive rule include but are not limited to: floor tiles and adhesives, wallboard systems, siding and roofing. Building materials such as wallboard systems may contain asbestos but unless a building owner/employer has specific knowledge or should have known through the exercise of due diligence that these other materials contain asbestos, the standard does not compel the building owner to sample these materials.

The information below is for general informational purposes only and does not constitute an asbestos survey. In addition, the information is not intended to comply with federal, state or local regulations pertaining to ACMs.

Due to the age of the subject buildings (1929-1977), there is a potential that presumed ACMs are present within the subject building. The table below describes the type of material, location, friability, and condition of the suspect ACMs found within the subject building. The table below is not comprehensive as to each and every building material but is intended to provide a general summary based on the limited site reconnaissance.

Material	Location	Friable	Condition
Drywall systems	3433 Pasadena Avenue 135/141 West Avenue 34	No	Good
Roofing Systems	Roof	No	Not inspected

An asbestos building materials inspection was not included in the scope of service agreement with FR. Accordingly; no samples of the suspect materials were taken. At the time of the inspection, all of the materials appeared to be intact and undisturbed (that is, they appeared to be in a non-friable and/or good condition) and, thus, do not pose an immediate environmental concern. Still, these materials may become hazardous if they in fact contain asbestos and are subsequently damaged or disturbed, as, for example, in the course of remodeling. Asbestos-containing materials are considered to be hazardous materials, and their eventual disposal and handling are subject to federal and state regulatory guidelines.

Currently, there are no regulations requiring the removal of ACM unless it will be disturbed during renovation, repairs, or demolition. The USEPA recommends that as long as the ACM does not pose an imminent health threat, the materials can be managed under an Operations and Maintenance (O&M) Plan.

Historical Summary Table		
Historical Source	**Reference**	**Dates Obtained**
Aerial Photographs	EDR	1923-2016
Sanborn Map Company Fire Insurance Maps	EDR	1906-1971
Property Tax File	Los Angeles County Assessor's Office	2019
Recorded Land Title Records	Not reviewed	N/A
USGS 7.5 Minute Topographic Maps	EDR	1894-2012
Local Street Directories (city directories)	EDR	1920-2014
Building Department Records	City of Los Angeles Building Department	1905-2014
Zoning/Land Use Records	Los Angeles County Assessor's Office	2019
Previous Reports	Phase I ESA prepared by Orswell & Kasman, 2012 Phase I ESA Update prepared by Orswell & Kasman, 2015	2012, 2015
Other Historical Sources	Newspaper articles	N/A
	Other historical sources	N/A

4.1 Historical Aerial Photographs Review

FR reviewed historical aerial photographs supplied by EDR and dated 1923 through 2016. A summary of historical aerial photographs researched is listed below.

Dates	Description
1923	The north, west, and central portions of the site are developed with industrial structures and access roads. The eastern and southern portions of the property are developed with approximately 20 smaller structures on lots which appear residential. Beyond the subject property lies vacant land to the east, vacant land, and the Arroyo Seco, which has the geomorphology of a braided stream feature. Pasadena Avenue and private residences are present to the east and southeast. West Avenue 34 and private residences are present to the south. Adjacent to and west of the subject property is a railroad corridor, which runs parallel to the western boundary of the subject property with a northeast / southwest alignment. The northern adjacent property appears industrial with several large structures. The surrounding area is primarily residential, with industrial-commercial properties to the southeast and northwest.

Dates	Description
1928	The central portion of the subject property is cleared and vacant, with one remaining industrial structure within the west-central area of the site. Aside from a mid-sized industrial structure in the southwest area of the property, he west and south areas remain residential in use and generally unchanged from 1923. Beyond the subject property, the north and west adjacent properties appear further developed with large industrial structures, and the south and east adjacent properties appear residential in use and generally unchanged from 1923.
1938	The industrial structure the west-central area of the site is no longer present in 1938, and the north and west-central areas appear cleared and vacant. The south and east areas of the subject property remain residential, with the exception of an industrial structure near the southeast corner of the property. Beyond the subject property, there are further developments to the north and west adjacent property. Aside from the development of Hillside Elementary School to the east, the adjacent properties to the east and south remain residential and generally unchanged from 1923. Further to the north and west is the Arroyo Seco, which is a constructed canal in 1938, a stark contract to the natural braided stream geomorphological feature depicted in 1928.
1948, 1952	There are six additional industrial structures on the subject property in 1948 compared to 1938. The structures include five towards the north and central areas of the property, and one in the southeast corner. Beyond the subject property are new industrial structures to the north, and outdoor storage yards to the east. The remaining areas to the south and east, and vicinity of the subject property appear generally unchanged from 1923. Arroyo Seco
1964, 1970	The site is completely industrial-commercial in use in the 1964 aerial photograph with approximately 10 industrial structures. All residential structures previously described at the subject property are no longer present, and the remainder of the property appears paved with parking and exterior storage areas. Beyond the subject property, conditions in the surrounding areas appear generally consistent with conditions with those described in 1952.
1977	Most of the site appears vacant and graded in 1977 compared to the 1970 aerial photograph. The only remaining structures from those previously described include the structures along Pasadena Avenue in the western portion of the site (present-day 3401 & 3433 Pasadena Avenue), and a single industrial structure in the southwest corner of the site (present-day 153 West Avenue 34). The remaining areas are graded and vacant land, and the present-day structure addressed 135 and 141 West Avenue 34 is not present. Additional changes in areas beyond the subject property include industrial structures to the southwest and southeast; and the east adjacent property appears vacant graded land. There are no significant changes to adjacent properties north and west of the subject property.

Dates	Description
1983, 1989, 1994, 2002, 2005, 2009, 2012, 2016	The subject property is developed with its present-day structures and general configuration in 1983. There are few changes in the subsequent aerial photographs from 1989 through 2016 to the subject property, or to the properties to the east, and south. The north adjoining property is developed with large industrial structures in 1983 and 1989, which is no longer present in the 1994 aerial photograph. The west adjoining property appears to be a parking lot with no discernable structure until 2012 with the appearance of an industrial structure near the center and western portion of the property.

No environmental concerns were noted on the subject property or adjoining properties.

4.2 Historical Sanborn Map Coverage Review

Sanborn Map Company maps were created for insurance underwriters from 1867 to 1970, and often contain information regarding the uses of individual structures, and the locations of fuel and/or chemical storage tanks that may have been on a particular property. FR subcontracted with EDR to provide copies of Sanborn Map Company maps.

A summary of historical Sanborn map coverage researched is listed below.

Subject Property addresses include the following: On West Avenue 34: 119, 139, 141, 143, 145, 147, 149, 153, and 157 On Pasadena Avenue: 3403, 3407, 3417, 3419, 3423, 3429, 3431, and 3437		
Date	**Description**	
1906	**Subject Property**	The subject property is depicted with primarily residential properties along the eastern and southern boundaries of the property. The structures appear residential with the exception of a shop located at 3419 Pasadena Avenue. The remainder of the subject property appears vacant and undeveloped.
	Adjoining Properties	The parcels north of the subject property are primarily vacant, with one residence addressed 3441 Pasadena Avenue to the north of the subject property. The railroad spur along the western boundary of the subject property is developed and labeled Atchison Topeka & Santa Fe R.R. Main Line and San Pedro Los Angeles & Salt Lake City R.R. Main Line, beyond which is vacant land andthe Arroyo Seco. The adjoining properties south and east are depicted as developed with primarily residential structures, with the exception of a store located just south of the subject property at the corner of West Avenue 34 and Pasadena Avenue and addressed 3019 and 3021 Pasadena Avenue.

Subject Property addresses include the following: On West Avenue 34: 119, 139, 141, 143, 145, 147, 149, 153, and 157 On Pasadena Avenue: 3401 (3403), 3407, 3411, 3417, 3419, 3423, 3425, 3429, 3431, 3437, 3439, and 3441		
Date	**Description**	
1920	**Subject Property**	The subject property is depicted with primarily residential properties along the eastern and southern boundaries of the property, as described in 1912. The structures appear residential with the exception of a bakery located at 3419 Pasadena Avenue. Many of the residences have auto garages. The formerly vacant areas from 1912 are developed in 1920 with structures associated with Los Angeles Rock & Gravel Co at the address 3441 Pasadena Avenue, which extends north beyond the subject property boundaries to West Avenue 35. The structures include: an outhouse; an office addressed 3439 Pasadena Avenue; an auto garage with truck and loading ramp labeled "Tunnel Under Rock Pile; a large auto garage with an oil and grease house, tool shed, and a small unlabeled structure near the center of the subject property. There is an alley traversing the property between the industrial operations at the Los Angeles Rock & Gravel occupied area from the residential properties along Pasadena Avenue. The alley connects West Avenue 45 to West Avenue 34, and extends beyond the subject property between West Avenue 34 and West Avenue 33.
	Adjoining Properties	The north adjoining property is occupied by Los Angeles Rock & Gravel Co structures at the address 3441 Pasadena Avenue, which extend south into the subject property. The structures in the north adjoining property include a mixing house with rock storage; a rock crusher; an electrical utility shed; a chute for loading trucks; a well pumphouse; and additional rock crusher and chute with an electric utility shed. There are residential structures on the remaining adjoining parcels to the north along Pasadena Avenue and West Avenue 35. There are no significant changes to the south, east, and west adjoining property in 1920.

Subject Property addresses include the following: On West Avenue 34: 119, 123, 129, 133, 139, 141, 145, 149, 153, 155, and 169 On Pasadena Avenue: 3401, 3407, 3415, 3417, 3419, 3421, 3423, 3425, 3429, 3431, 3437		
Date	**Description**	
1951	**Subject Property**	The subject property is depicted with primarily residential properties along the eastern and southern boundaries of the property, as described in 1912 and 1920, with the following exceptions: there is a metal working & spinning shop at 153 West Avenue 34 (the present-day structure); the southwest corner of the subject property has been redeveloped from residential plots to an expansion of the bakery, which is comprised of 101 and 111 West Avenue 34, as well as 3401 (present-day structure), 3407, 3415, 3417, and 3419 Pasadena Avenue; and there is an office at the 3421 Pasadena Avenue address. The north, west, and central areas of the property which were occupied by Los Angeles Rock & Gravel Co. in 1920 are redeveloped with six structures different from those previously described, and are occupied by Steel Framing & Building Corporation in 1951 at the address 169 West Avenue 34. The structures include: four office buildings; a shop and warehouse; a steel storage yard; and a large workshop. In addition, a portion of one of the buildings associated with Welch's Overall & Uniform Cleaning extends into the subject property boundaries. The
	Adjoining Properties	The north adjoining property is redeveloped from the previous 1920 Sanborn Map and is occupied by Welch's Overall & Uniform Cleaning in 1951. The west adjoining property is developed with four structures labeled Alliance Lumber & Investment Co. The south and east adjoining properties are generally unchanged from 1920, with the exception of the development of Hillside School to the east of the subject property.

Subject Property addresses include the following: On West Avenue 34: 141, 153, 155, and 169 On Pasadena Avenue: 3401, 3415, 3417, 3419, 3433, 3437		
Date	**Description**	
1970	**Subject Property**	The subject property is redeveloped in 1970, with only one remaining residential structure at 155 West Avenue 34. The present-day structure at 153 West Avenue 34 is labeled General Manufacturing. There is a parking lot at 141 West Avenue 34. The present-day structure at 3401 Pasadena Avenue is labeled Sheet metal shop and woodworking (iron). The addresses 3415, 3417, and 3419 Pasadena Avenue are occupied by a structure comprised of a workshop, storage area, and machine shop. The present-day structure at 3433 Pasadena Avenue is depicted and labeled Metal Stamping. The 3437 Pasadena Avenue address is occupied by a parking lot. The six structures within the north, west, and central areas of the property addressed 169 West Avenue 34 are generally unchanged from 1951, but occupied by ITT Cannon Electronics Inc. in 1970, and the buildings are used for offices, electronics manufacturing, and manufacturing assembly plating & shipping. There remaining areas of the property are occupied by parking lots accessible by West Avenue 34 to the south, and the previously described alley traversing the property from north to south.
	Adjoining Properties	The north adjoining property is occupied by Welch's Overall & Uniform Cleaning in 1970, and has expanded to include the previously residential structures to the east along Pasadena Avenue. The west adjoining property is generally vacant in 1970, with two small structures labeled storage and vac. The south adjoining properties are partially redeveloped to accommodate a parking lot addressed 152 West Avenue 34. The other properties south of the subject property appear generally unchanged from 1951. The east adjoining properties are generally unchanged from 1951, with the exception of the expansion of Hillside School to the east of the subject property, which includes additional areas for classroom space south and west of the original building in 1970.

The north adjoining property addressed 3505 Pasadena Avenue was listed under Welch's Industrial Uniforms, a laundering business, for the years 1924 through 2010, and is further discussed in Section 6.0 of this report.

No other environmental concerns were noted on the subject property or surrounding sites.

4.3 Property Tax File

Based on a review of the Los Angeles County Tax Assessor's parcel information system, the subject property APNs and legal descriptions are summarized as follows:

Address	APN	No. of Buildings	Legal Description
135 and 141 West Avenue 34	5205-004-011	1	LOT COM AT MOST N COR OF LOT 2 TR NO 23801 TH SE ON NE LINE OF SD LOT 326.55 FT TH S 14¢21'15" W 140.01 FT TH S 9¢ 45'05" W 48.51 FT TH S AND FOLLOWING BDRY LINE OF SD LOT TO W LINE OF LOT 61 WHITTAKER RICHARDSON AND ERNEST SUB OF LOTS 2 AND 3 GRIFFIN TR TH S ON SD W LINE TO NE LINE OF AVE 34 TH NW THEREON TO SE LINE OF L A AND S L R R R/W TH NE THEREON TO BEG LOT 62 AND POR OF LOTS 64 AND 65 WHITTAKER RICHARD- SON AND ERNEST SUB OF LOTS 2 AND 3 GRIFFIN TR AND *POR OF LOT 2 TR NO 23801
153 West Avenue 34	5205-004-005	1	WHITTAKER,RICHARDSON AND ERNEST SUB OF LOTS 2 AND 3 GRIFFIN TR LOT 61
3401 Pasadena Avenue	5205-004-003	2	TRACT NO 23801 LOT 3
3433 Pasadena Avenue	5205-004-007	1	TRACT NO 23801 LOT COM AT MOST E COR OF LOT 2 TH SW ON NW LINE OF PASADENA AVE TO NE COR OF LOT 3 TH NW ON NE LINE OF SD LOT 3, 149.37 FT TH N 9¢45'05" E 48.51 FT TH N 14¢21'15" E TO NE LINE OF SD LOT 2 TH SE THEREON 149.3 FT TO BEG PART OF LOT 2

The property is classified as *industrial* in nature.

4.4 Recorded Land Title Records

Title records were not provided to FR for review.

4.5 USGS 7.5 Minute Topographic Maps

FR reviewed historical USGS 7.5 Minute Topographic Maps supplied by EDR. A summary of historical USGS 7.5 Minute Topographic Maps researched is listed below.

Property Topographic Quadrangle: Los Angeles, California

Dates	Description
1894, 1896, 1900	The subject property is depicted as partially developed with small residential structures along the eastern and southern portions of the property. The central, north, and west areas of the subject property are undeveloped, and there is a small depression near the northeast boundary of the subject property. The present-day railroad corridor is depicted along the western boundary of the subject property, and is within the Arroyo Seco according to the map. Pasadena Avenue and West Avenue 34 are present, and the adjoining properties to the south and east are developed. Areas north of the subject property are undeveloped and labeled Arroyo Seco. The region is identified as East Los Angeles.
1926, 1928	There are new industrial structures depicted on the subject property, and a small closed depression is also depicted near the northeast boundary of the subject property, likely related to the sand and gravel company operations identified in the 1920 Sanborn Map. The east and south portions of the subject property appear developed with a mixture of residential and industrial/commercial structures. Beyond the subject property are new industrial structures to the north, and additional residential developments to the south, and the surrounding area appears further developed in 1926.
1953,1966, 1972, 1981, 1994, 2012	The subject property and adjoining properties are within red shaded areas indicating urban developed areas of Los Angeles. The Arroyo Seco is depicted as an engineered canal, and Pasadena Freeway (Route 66) is present further to the north/west of the subject property.

No environmental concerns were noted on the subject property or surrounding sites.

4.6 Historical City Directory Listings

FR reviewed historical city directory listings provided by EDR for the years 1920 to 2014 for the subject property.

A summary of historical city directory records researched is listed below.

135 West Avenue 34 – Subject Property	
Date Range	**Description**
1990	CONSOURCE WEST PRO ALLOY INC
2006	AMER MEDICAL ORITZTRANSFER&STORAGE WHOLESALE
2010	ORTIZ TRANSFER AND STORAGE PERFUME RAMA S 34 SELECT STORAGE STUDIO 34 INC

135 West Avenue 34 – Subject Property	
Date Range	**Description**
2014	STUDIO 34 INC

141 West Avenue 34 – Subject Property	
Date Range	**Description**
1990	AMERICAN CASTER CORP
2006	MOVING&STORAGE ORTIZ BROTHERS SELECT STUDIO SELECT 34 INC
2010	ALBA DESIGN WORKS INC ED1125 LLC HISTORIC LINCOLN HEIGHTS IND OUTER DIMENSION SBLSS INC SELECT STORAGE INC
2014	OUTER DIMENSION SELECT STORAGE INC

153 West Avenue 34 – Subject Property	
Date Range	**Description**
1957	SANDCAST FOUNDRY
1981	PRICE G T PRODUCTS INC
1990	PILE WM PRINTING
2010	ZALEWSKI JAMES
2014	ZALEWSKI JAMES

3401 Pasadena Avenue – Subject Property	
Date Range	**Description**
1924	Arthem Jas furn fnshr h Needham Martha wid E N r
1929	Anthor Jas cabtmkr
1990	BAKER BOB PRODUCTIONS BATTJES YOUNG ASSOCIATES

3401 Pasadena Avenue – Subject Property	
Date Range	**Description**
2000	LITHO WERKS INC UNITD FILM LAMINTNG
2006	LAMINATING INC UNITD FINISHING
2010	SWEET SCIENCE UNITED FINSHG & LAMINATING INC WATER WELLNESS CENTER
2014	WATER WELLNESS CENTER

3433 Pasadena Avenue – Subject Property	
Date Range	**Description**
1971	SMITH MAILER INC
1986	CALIF FG ENTERPRISES INC
1990	LUCKY TEXTILE INC
2000	POLYSEW INC

119 West Avenue 34 – Historical Subject Property Address	
Date Range	**Description**
Not listed	

123 West Avenue 34 – Historical Subject Property Address	
Date Range	**Description**
Not listed	

129 West Avenue 34 – Historical Subject Property Address	
Date Range	**Description**
1981	CAMOFLAGE FABRICS & WALL COVERING INC
2000	XXXX

133 West Avenue 34 – Historical Subject Property Address	
Date Range	**Description**
Not Listed	

139 West Avenue 34 – Historical Subject Property Address	
Date Range	**Description**
Not Listed	

143 West Avenue 34 – Historical Subject Property Address	
Date Range	**Description**
Not Listed	

145 West Avenue 34 – Historical Subject Property Address	
Date Range	**Description**
Not Listed	

147 West Avenue 34 – Historical Subject Property Address	
Date Range	**Description**
Not Listed	

149 West Avenue 34 – Historical Subject Property Address	
Date Range	**Description**
Not Listed	

155 West Avenue 34 – Historical Subject Property Address	
Date Range	**Description**
Not Listed	

157 West Avenue 34 – Historical Subject Property Address	
Date Range	**Description**
Not Listed	

169 West Avenue 34 – Historical Subject Property Address	
Date Range	**Description**
Not Listed	

3403 Pasadena Avenue – Historical Subject Property Address	
Date Range	**Description**
Not Listed	

3407 Pasadena Avenue – Historical Subject Property Address	
Date Range	**Description**
1924	Nowacki John W mach h

3411 Pasadena Avenue – Historical Subject Property Address	
Date Range	**Description**
1929	KNIGHT Margt E KNIGHT Walter W Margt prntr

3415 Pasadena Avenue – Historical Subject Property Address	
Date Range	**Description**
Not Listed	

3417 Pasadena Avenue – Historical Subject Property Address	
Date Range	**Description**
1929	CUBBISON CRACKER CO H G Cubbison Mfrs of Cubbisons Flaxseed Crackers and Other Health Food Products

3419 Pasadena Avenue – Historical Subject Property Address	
Date Range	**Description**
1924	Dent Mark h Cubbison Harry G bakery

3419 Pasadena Avenue – Historical Subject Property Address	
Date Range	**Description**
1951	Pasadena Ave Cubbison Cracker Co
2000	XXXX

3421 Pasadena Avenue – Historical Subject Property Address	
Date Range	**Description**
1929	Legg Harry G Jessie mach

3423 Pasadena Avenue – Historical Subject Property Address	
Date Range	**Description**
1924	Condra Cath L Mrs artist r Condra Aaron M real est Condra Ralph J surveyor r
1929	Condra Aaron M Cath W slsmn Cabany J baker
1951	Pasadena Ave Condra A M r

3425 Pasadena Avenue – Historical Subject Property Address	
Date Range	**Description**
1924	SMITH Jos tailor r SMITH Conrad tailor h
1929	SMITH Jos C guard r SMITH Conrad Josephine tailor h
1933	SMITH Frances clk

3429 Pasadena Avenue – Historical Subject Property Address	
Date Range	**Description**
1924	Skillen Eileen clk r Skillen Edna N insp H W Lawson Mfg Co r Skillen Doris clk r Skillen Saml E buyer B E Dyas Co h HUMPHREYS Doris V clk r

3431 Pasadena Avenue – Historical Subject Property Address	
Date Range	**Description**
1924	DUNCAN Floyd plastr r DUNCAN Jas plastr h Duncan carroll student r
1929	NEWBY Roy L Agnes wtchmn

3437 Pasadena Avenue – Historical Subject Property Address	
Date Range	**Description**
1924	Parmenter Jay G electr h
1929	Wees Earl M Alma R collr L A G & E Corp r Wees Milton E Marian miner h

3439 Pasadena Avenue – Historical Subject Property Address	
Date Range	**Description**
1924	LOS ANGELES ROCK & GRAVEL CO INC Henry W Hawley Pres Ray L Hawley V Pres Millard A Schweltzer Sec Treas

3441 Pasadena Avenue – Historical Subject Property Address	
Date Range	**Description**
Not Listed	

3505 Pasadena Avenue - Northern Adjoining Property	
Date Range	**Description**
1937	WELCHS OVERALL CLEANING CO INC M M Welch Pres and Genl Mgr Uniforms Only
1942	WELCHS OVERALL AND UNIFORM CLEANING CO Why Buy We Supply Coveralls Shop Coats Pants Shirts Etc Wiping Towel Dept
1951	Pasadena Ae Welch Overall Clning Co Inc Pasadena Av Welchs Wiping Towel Serv Pasadena Av Overall Clning Co Inc Pasadena Av Welch Overall Clning Co Inc Pasadena Av Service Paper Towel
1957	WELCHS OVERALL CLEANING CO INC
1958	WELCHS OVERALL CLEANING CO INC Pur O Serve Linen Supply Co Block Leonard W Welches Overall Clning Co Inc
1966, 1970, 1975	WELCHS INDUSTRIAL UNIFORM & WIPING TOWELS

3505 Pasadena Avenue - Northern Adjoining Property	
Date Range	**Description**
1980	WELCHS UNIFORM RENTAL PASADENA AVE LOS ANGELES
1981, 1985	WELCH S UNIFORM RENTAL
1986	WELCH S UNIFORM RENTAL WELCH S OVERALL CLEANING CO INC SEE WELCH S UNIFORM RETAL
1990	WELCH S OVERALL CLEANING CO INC WELCH S UNIFORM RENTAL
2000	WELCHS Cyril
2010	Garcias Cutting Service Inc

403 West Avenue 33 - Western Adjoining Property	
Date Range	**Description**
2000	MERCER Art

120 East Avenue 35 – Eastern Adjoining Property	
Date Range	**Description**
1990, 2000	HILLSIDE ELEMENTARY SCHOOL
2006	SCHOOL HILLSIDE ELEMENTARY
2010, 2014	LOS ANGELES UNIFIED SCHOOL DIST

3412 Pasadena Avenue – Eastern Adjoining Property	
Date Range	**Description**
1951	Pasadena Monday B r
1981, 1986	ALARCON M
2000	BECCERA Mac Arlo
2006	o BECERRAMacario
2014	BECERRA MACARIO

3403 Smith Street – Eastern Adjoining Property	
Date Range	**Description**
1933	Keith Geo Ruth plater
1937	Gordy Duval L Evelyn auto mech
1962	De La Cruz Marcelina De La Cruz Alfredo A
1981	FELIX RAFAEL
1990	DEL CID ANA EUGENIA
2000	CHEN Shiann ROSALES Adela
2006	No Current Listing

116 West Avenue 34 – Southern Adjoining Property	
Date Range	**Description**
1990, 2000, 2006	HERRERA V G

118 West Avenue 34 – Southern Adjoining Property	
Date Range	**Description**
2000	HERRERA Vera
2006	MORALES Juan F o HERRERAVera

120 West Avenue 34 – Southern Adjoining Property	
Date Range	**Description**
2000	AVENUE 34 W 90031 CONT LEPORE Joseph

130 West Avenue 34 – Southern Adjoining Property	
Date Range	**Description**
1990	RIVERA CARMEN
2006	00X
2010, 2014	THANKSGIVING INC

134 West Avenue 34 – Southern Adjoining Property	
Date Range	**Description**
1986	ISHIZAKI STUDIOS
2000	G M L APPAREL INC LEPORE Joseph
2006	PTS APPAREL INC
2010	A C W APPAREL
2014	A C W APPAREL GML APPAREL INC

138 West Avenue 34 – Southern Adjoining Property	
Date Range	**Description**
1990	ARGUS TOOL MANUFACTURING FIRE EQUIP
2000	TERES FASHION DUARTE Teresa
2006	LASVILLAS TERES FASHION
2010	TERES FASHION INC

140 West Avenue 34 – Southern Adjoining Property	
Date Range	**Description**
2000, 2006	BARRIOS David

164 West Avenue 34 – Southern Adjoining Property	
Date Range	**Description**
2000	XXXX
2010, 2014	WATER LAND INC

166 West Avenue 34 – Southern Adjoining Property	
Date Range	**Description**
1990	SMART SAVER

166 West Avenue 34 – Southern Adjoining Property	
Date Range	**Description**
2000	WIN LEE INC WIN LEE FASHION SPINKA Thomas
2006	WATERLANDING

170 West Avenue 34 – Southern Adjoining Property	
Date Range	**Description**
1990	COVA IGNACIO AUTO REPRNG
2000	XXXX

The north adjoining property addressed 3505 Pasadena Avenue was listed under Welch's Industrial Uniforms, a laundering business, for the years 1924 through 2010, and is further discussed in Section 6.0 of this report.

No other environmental concerns were noted on the subject property or adjoining properties.

4.7 Building Department Records

FR visited the City of Los Angeles Building and Safety Department on June 27, 2019 and researched historical building records for the subject property. A summary of historical building department records is provided in the table below.

Subject Property Building Records, Pasadena Avenue Addresses		
Years	**Address**	**Description**
1905	3433 Pasadena Avenue APN 5205-004-007	Building Permit
1906	135 and 141 West Avenue 34 APN 5205-004-011	Building Permit – Bldg New (4)
1906	3433 Pasadena Avenue APN 5205-004-007	Building Permit – Bldg New
1910	3411 Pasadena Avenue	Application for Erection of Frame Building
1911	3433 Pasadena Avenue APN 5205-004-007	Building Permit – Bldg – Alter / Repair
1912	3433 Pasadena Avenue APN 5205-004-007	Building Permit – Bldg – Alter / Repair
1914	135 and 141 West Avenue 34 APN 5205-004-011	Building Permit – Bldg – Alter / Repair

Subject Property Building Records, Pasadena Avenue Addresses		
Years	**Address**	**Description**
1916	135 and 141 West Avenue 34 APN 5205-004-011	Building Permit – Bldg – Alter / Repair
1916	135 and 141 West Avenue 34 APN 5205-004-011	Building Permit – Bldg New
1925	135 and 141 West Avenue 34 APN 5205-004-011	Building Permit – Bldg New
1928	135 and 141 West Avenue 34 APN 5205-004-011	Building Permit
1929	135 and 141 West Avenue 34 APN 5205-004-011	Building Permit
1931	3419 Pasadena Avenue	Disclosure of Ownership of property since 1919 by Sophia Cubbison
1937	3433 Pasadena Avenue APN 5205-004-007	Building Permit – Bldg New
1951	3433 Pasadena Avenue APN 5205-004-007	Building Permit – Bldg – Alter / Repair
1953	135 and 141 West Avenue 34 APN 5205-004-011	Building Permit – Bldg – Alter / Repair
1953	135 and 141 West Avenue 34 APN 5205-004-011	Building Permit – Bldg New
1955	3411 Pasadena Avenue	Certificate of Occupancy, Cubbisons Bakery
1955	135 and 141 West Avenue 34 APN 5205-004-011	Building Permit – Bldg – Alter / Repair (2)
1956	3433 Pasadena Avenue APN 5205-004-007	Building Permit – Bldg – Alter / Repair
1956	135 and 141 West Avenue 34 APN 5205-004-011	Building Permit – Bldg – Alter / Repair (5)
1956	135 and 141 West Avenue 34 APN 5205-004-011	Building Permit – Bldg New
1957	135 and 141 West Avenue 34 APN 5205-004-011	Building Permit – Bldg – Alter / Repair
1961	135 and 141 West Avenue 34 APN 5205-004-011	Building Permit – Bldg – Alter / Repair
1967	3433 Pasadena Avenue APN 5205-004-007	Building Permit - Grading
1967	3433 Pasadena Avenue APN 5205-004-007	Building Permit – Grading – Bldg Addition
1967	3433 Pasadena Avenue APN 5205-004-007	Building Permit – New Construction
1967	3419 Pasadena Avenue	Termination of Covenant and Agreement because building code no longer requires an Exit Court Agreement
1967	3419 Pasadena Avenue	Termination of Covenant and Agreement because the property has been rezoned from C-3 to M-1 and loading space is not required

Subject Property Building Records, Pasadena Avenue Addresses		
Years	**Address**	**Description**
1967	3433 Pasadena Avenue APN 5205-004-007	Grading – Department Letter
1967	3433 Pasadena Avenue APN 5205-004-007	Grading – Compaction File (4)
1968	3433 Pasadena Avenue APN 5205-004-007	Certificate of Occupancy
1974	3433 Pasadena Avenue APN 5205-004-007	Building Permit – Bldg Addition
1974	3433 Pasadena Avenue APN 5205-004-007	Commission – BAAB Board File
1974	135 and 141 West Avenue 34 APN 5205-004-011	Affidavit – Oversized Building (3)
1974	135 and 141 West Avenue 34 APN 5205-004-011	Building Permit – Bldg Demolition (6)
1977	135 and 141 West Avenue 34 APN 5205-004-011	Building Permit – Grading (2)
1977	135 and 141 West Avenue 34 APN 5205-004-011	Building Permit – Bldg Demolition
1977	135 and 141 West Avenue 34 APN 5205-004-011	Building Permit – New Construction (2)
1977	135 and 141 West Avenue 34 APN 5205-004-011	Affidavit – Oversized Building (2)
1977	135 and 141 West Avenue 34 APN 5205-004-011	Plan Maintenance
1978	135 and 141 West Avenue 34 APN 5205-004-011	Certificate of Occupancy (2)
1978	135 and 141 West Avenue 34 APN 5205-004-011	Certificate of Occupancy - Temp
1978	135 and 141 West Avenue 34 APN 5205-004-011	Affidavit – Oversized Building
1979	135 and 141 West Avenue 34 APN 5205-004-011	Grading – Grading Certificate
1997	135 and 141 West Avenue 34 APN 5205-004-011	Building Permit – Alteration
1997	135 and 141 West Avenue 34 APN 5205-004-011	Building Permit – Bldg – Alter / Repair
2002	3433 Pasadena Avenue APN 5205-004-007	Range File – Miscellaneous
2003	3433 Pasadena Avenue APN 5205-004-007	Range File – Miscellaneous
2012	135 and 141 West Avenue 34 APN 5205-004-011	Building Permit – Bldg – Alter / Repair
2012	135 and 141 West Avenue 34 APN 5205-004-011	Mechanical Permit - HVAC

Subject Property Building Records, Pasadena Avenue Addresses		
Years	**Address**	**Description**
2013	135 and 141 West Avenue 34 APN 5205-004-011	Mechanical Permit - HVAC
2014	135 and 141 West Avenue 34 APN 5205-004-011	Electrical Permit

Subject Property Building Records, West Avenue 34 Addresses		
Years	**Address**	**Description**
1905	153 Avenue 34	Building Permit – Bldg Alter / Repair
1914	153 Avenue 34	Building Permit 4
1929	153 Avenue 34	Building Permit – Bldg New
1966	153 Avenue 34	Building Permit – Alteration – Bldg Alter / Repair
1992	153 Avenue 34	Building Permit – Bldg Alter / Repair
1992	153 Avenue 34	Administrative Approval
1992	153 Avenue 34	Commission – BAAB Board File
1992	153 Avenue 34	Commission – BAAB Board Letter
2000	153 Avenue 34	Building Permit – Bldg Alter / Repair

4.8 Zoning/Land Use Records

FR visited the City of Los Angeles Department of City Planning and researched additional zoning/land use records for the subject property addresses. Based on a review of the zoning map, the subject property is zoned for *commercial manufacturing* use.

4.9 Previous Reports

FR was provided with previous reports pertaining to the subject property (135, 141, and 153 West Avenue 34 and 3401 and 3433 Pasadena Avenue in Los Angeles, CA). The previous reports are summarized below:

Phase I Environmental Site Assessment – 135, 141 and 153 West Avenue 34 and 3401 and 3433 Pasadena Avenue, Los Angeles, California 90031, prepared by Orswell & Kasman, Inc, September 28, 2012.

A Phase I ESA was conducted at the subject property by Orswell & Kasman, Inc (OKI) at the request of Mr. Robert Gonzales in September 2012. The Phase I ESA consisted of public records and historical document review, regulatory agency research, site reconnaissance, and interviews. The report identified the following remarks:

1) *The subject property is occupied by multiple tenants. The 3433 Pasadena Avenue building is currently occupied by Warner Brothers Studios, a prop and set design business. The business stores and uses large quantities of water-based paint, and waste paint is generated by the*

business activities. The hazardous materials and hazardous wastes appear to be properly stored and managed and no significant spills or leaks were observed on the premises; and

2) *Eleven offsite locations have been identified as potential risks or threats to the subject property. According to the data, ten of the sites are not located in the near vicinity, and there is no indication that contaminants from these sites have migrated onto the subject property.*

   The former Welch's Uniform Facility site (#5 on map), 3505 Pasadena Avenue, is located on the adjacent property to the north, and the business is identified by State of California Environmental Protection Agency (CAL-EPA) Department of Toxic Substances Control (DTSC) as an active hazardous waste site. According to the DTSC CalSite database records, the site was previously occupied by Welch's Uniform and the property was used as a laundry and uniform rental facility over a 70 year period. Environmental studies indicate the soil and groundwater beneath the facility is contaminated with volatile organic compounds including trichloroethene (TCE). In addition, the former Welch's Uniform Rental site is identified by the State of California Regional Water Quality Control Board (RWQCB) as having two open RWQCB Cleanup Program sites. The first case was first opened in December 1987. According to the RWQCB records, the groundwater was contaminated with non-petroleum hydrocarbons, and the site is undergoing verification monitoring. The second case was opened in December 1998 and the site is undergoing an assessment.

   A review of the City of Los Angeles Fire Department (LAFD) records revealed Welch's Uniform applied for a permit to remove a 2,000-gallon underground diesel fuel tank in 1987. Soil sampling beneath the tank revealed significant Total Petroleum Hydrocarbon as gasoline (TPH-g) contamination (8,600 ppm). The groundwater beneath the site was determined to be about 35 feet below the ground surface, and the groundwater flows away from the subject property in a west-northwest direction. In February 1988, Welch's Uniform applied for a permit to abandon five underground ·storage tanks in-place, and in December 1988, Welch's Uniform applied for a permit to remove five additional underground storage tanks. In May 2004, Welch's Uniform applied for a permit to remove one additional 1,000-gallon underground storage tank. Soil sampling beneath the tank did not detect any contamination problems, and on October 26, 2004, the DPW/UGT issued a no further action letter for the closure of the 1,000-gallon underground tank. An inspection of the property revealed the site is currently a vacant lot, and remedial activities were being conducted on the site.

   Should it be determined the groundwater beneath the subject property has in fact been impacted by the Former Welch's Uniform Rental site, it is the policy of the State of California and the United States Environmental Protection Agency not to hold property owners responsible for costs to clean up contaminated groundwater beneath their property, unless the owners contributed to the problem. There is no indication from a review of the regulatory records and a site inspection that the subject property has had any problems concerning the storage, usage or disposal of hazardous materials, and it appears the former Welch's Uniform Rental site is in the process of addressing the contamination problem.

Our review of regulatory and historical records, a visual inspection of the site and surrounding area, and interviews with the property owner and the safety manager for Warner Brothers Studios has found no evidence of other recognized environmental conditions or historical recognized environmental conditions which are likely to impact the subject property. Although data failure occurred in the historical uses of the Property prior to 1906, it is unlikely the data failure will impact the ability to identify recognized environmental conditions. Based on the results of this assessment, no further environmental studies are recommended for the site.

Phase I Environmental Site Assessment – 135, 141 and 153 West Avenue 34 and 3401 and 3433 Pasadena Avenue, Los Angeles, California 90031, prepared by Orswell & Kasman, Inc, April 28, 2015.

A Phase I ESA Update Report was conducted at the subject property by OKI at the request of Mr. Andy Meyers in April 2015. The Phase I ESA consisted of S site reconnaissance, interviews, government records review, public records and historic document review, and summary of previous environmental report. The update report concludes that, *based on the results of this assessment, no further environmental studies are recommended for the site.*

4.10 Other Historical Records

No additional historical records were obtainable for the subject property.

4.11 Historical Summary

Based on a review of available historical records, the north, west, and central areas of the subject property were vacant, and the east and west areas were developed with private residential structures by as early as 1894. Most of these residential properties persisted until 1964 with few exceptions, including the subject property warehouse building addressed 153 West Avenue 34 (constructed in 1929) along the southern boundary of the site, and the subject property warehouse buildings addressed 3401 Pasadena Avenue (constructed in 1925) and 3433 Pasadena Avenue (constructed in 1967) along the eastern boundary of the site. A railroad corridor has been historically present along the western boundary since at least 1894, and is still currently in use. A bakery occupied the southeast corner of the property (original occupant of the 3401 Pasadena Avenue building) from 1919 until at least 1951, and was redeveloped as a machine and woodworking shop in 1970.

The historic industrial areas of the subject property have a more complicated history, and are discussed here as the “historic industrial areas”. These areas include the north, west, and central parts of the site. The historic industrial areas were vacant and undeveloped in 1894 until at least 1906. By 1920, these areas were developed and occupied by the Los Angeles Sand & Gravel Company, which occupied the property until at least 1928, and terminated by 1938, at which time the historic industrial areas of the subject property consisted of vacant land. By 1948, these areas were redeveloped with six industrial structures, occupied by Steel Framing & Building Corporation in 1951, and ITT Cannon Electronics Inc. from at 1964-1970. The historic industrial areas were demolished and consisted of vacant and graded land in the 1977 aerial photograph, and the subject property buildings addressed 135 and 141 West

Avenue 34 were constructed in 1977 according to building department files and tax assessor records, and was occupied by American Caster Corp from 1977 until the property was purchased by the current owner, Mr. Eric Ortiz, in 1999. Historic site operations by ITT Cannon Electronics are not considered an environmental concern due to the relatively short time-period of occupancy (6 years), and because the site was graded and reworked in association with the current on-site development, which would have dissipated potential concentrations of constituents of concern in soil potentially associated with the former site operations. The subject property has been primarily occupied by Ortiz Brothers Moving & Storage, with a variety of tenants between 1999 and present.

· 5.0 INTERVIEWS/USER INFORMATION ·

5.1 Interviews

Interviews were conducted and attempted with the following personnel listed below.

Personnel Interviewed	Brief Summary
User	Not interviewed
Property Owner	Mr. Eric Ortiz
Previous Owner	Not interviewed
Tenant/Occupant	Not interviewed
Manager	Not Interviewed
Buyer	Not interviewed
Adjoining Property Owner	Not interviewed
Broker	Not interviewed
Government Officials	Not interviewed

Mr. Eric Ortiz, the subject property owner, stated that he had no information pertaining to any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the subject property; any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the subject property; or any notices from a governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products.

5.2 User Information

5.2.1 Environmental liens and/or Activity and Use Limitations (AULs)

AULs include both legal (institutional) and physical (engineering) controls. Agencies, organizations, and jurisdictions may define or utilize these terms differently.

No AULs were identified during this investigation.

No environmental liens were identified during this investigation.

5.2.2 Specialized Knowledge

No knowledge of recognized environmental conditions or historical recognized environmental concerns was provided by the user.

5.2.3 Valuation Reduction for Environmental Issues

No information was provided by the user that indicated the subject property was being sold or valued lower due to outstanding environmental issues.

5.2.4 Commonly Known or *Reasonably Ascertainable* Information

The user has not provided or is unaware of any commonly known or reasonably ascertainable information for the subject property.

5.2.5 Other User Provided Information

No other user provided information was obtainable or provided.

· 6.0 GOVERNMENT DATABASE SECTION ·

6.1 Environmental Database Summary

As part of the Phase I Environmental Assessment, FR utilized Environmental Data Resources, Inc. (EDR) of Shelton, Connecticut, as an information source for regulatory agency environmental database records. The environmental database report was dated June 24, 2019.

An attempt to locate listed Orphan Sites (facilities that could not be mapped or geocoded due to inadequate address information) within an area or radii of concern to the subject property was attempted by FR. These attempts consisted of a street review, a drive-by view of orphan site, and/or evaluating site type given information provided by government agencies.

A copy of the radius report is included in the appendices.

Database Summary of Federal Listings				
	Search Distance (Miles)	Subject Property	Adjoining Properties	Total Number of Listings
National Priorities List (NPL)	1.0	0	0	0
Delisted NPL	0.5	0	0	0
SEMS (formerly CERCLIS)	0.5	0	0	**2**
SEMS ARCHIVE (formerly CERCLIS NFRAP)	0.5	0	0	**2**
RCRA CORRACTS	1.0	0	0	0
RCRA TSDF	0.5	0	0	0
RCRA Generators List	Subject Property and Adjoining Properties Only	**1**	**2**	**16**
Federal Institution Controls/Engineering Controls	Subject Property	0	0	0
ERNS	Subject Property	0	0	0

Database Summary of State Listings				
	Search Distance (Miles)	Subject Property	Adjoining Properties	Total Number of Listings
State/Tribal NPL (RESPONSE)	1.0	0	0	0
State/Tribal CERCLIS (Envirostor, Historical Cal-Sites)	0.5	0	**1**	**10**
State/Tribal SWF/LF	0.5	0	0	**2**
State/Tribal LUST	0.5	0	**1**	**13**
State/Tribal CPS-SLIC	0.5	0	**2**	**4**
State/Tribal VCP	0.5	0	**1**	**3**
State/Tribal Brownfield	0.5	0	0	0
State/Tribal UST, AST	Subject Property and Adjoining Properties Only	0	**1**	**1**

Database Summary of State Listings				
	Search Distance (Miles)	Subject Property	Adjoining Properties	Total Number of Listings
CA FID UST	Subject Property and Adjoining Properties Only	0	0	0
HIST UST	Subject Property and Adjoining Properties Only	0	0	0
SWEEPS UST	Subject Property and Adjoining Properties Only	0	**1**	**1**
State/Tribal Institutional Control and Engineering Control	Subject Property	0	0	0
Other State Listings	Subject Property	**3**	0	**1**

Database Summary of Local Listings (Subject Property Only)	
	Subject Property
HAZNET	**31 Records**
FINDS	**3 Records**
ECHO	**3 Records**
EMI	**2 Records**
NPDES	Not listed
County Records	Not listed

Proprietary Database Listings (Subject & Adjoining Properties)	
	Subject/Adjoining Properties
EDR Historical Auto Stations	Not listed
EDR Historical Cleaners	**1 Record**

The subject property addresses were identified in the EDR database report, summarized as follows:

- **135 West Avenue 34** (Map ID A5, 7, 10, 11, 13, 18, 19, 22, 23, 25, 27, 28, 31, 35) – this subject property address was identified in the HAZNET (12), RCRA NonGen/NLR, FINDS, and ECHO databases under the following operator names: Jardinero Productions, Birddog, Warner Bros., All About Steve Movie, Soul Productions LLC Ortiz Brothers Moving, Step Up 3D, Love & Basketball, Nurse Betty Productions, 20th Century Fox, and Olivers Arrow Movie.

  Ten of the HAZNET listings are associated with the disposal of wastes generated during film production, including very small quantities of various paints, latex gloves, fuel blends, and other organic solids (1999-2016); the remaining two HAZNET listings are associated with Ortiz Brothers Moving, including the disposal of waste oil and hydrocarbons (1997-1998).

The RCRA NonGen/NLR listing, FINDS, and ECHO listings refer to the All About Steve Movie Site (2007), a former generator of hazardous ignitable waste from photographic film. There are no reported spills, releases, or violations associated with the 135 West Avenue 34 address. Based on the available information, the listings do not represent a significant environmental concern.

- **141 West Avenue 34** (Map ID A2, 4, 6, 15, 24, 26, 29, 32, 36, 38) – this subject property address was identified in the HAZNET (8), RCRA-SQG, FINDS, ECHO, EMI, HAZMAT, and CERS databases. The listings are associate with the following operator names: Touchstone Pictures, American Caster Corp, Tomcats, Five Continent Imports LLC, Lie To Me, ABC Signatures Studio, Battle of the Sexes, and Dreamworks Productions.

  Seven of the HAZNET listings are associated with the disposal of wastes generated during film production, including very small quantities of various paints, latex gloves, fuel blends, and other organic solids (1997-2017); and the other HAZNET listing is associated with American Caster Corp for the disposal of other organic solids, hydrocarbons, oil-containing waste, and paint sludge (1987-1996).

  The RCRA-SQG refers to American Caster Corp operations on the property in 1987 (specific type of waste not specified). American Caster Corp was also identified under a historic address, 157 West Avenue 34, in the HAZMAT database.

  The ECHO, EMI, and CERS listings refer to regulated air emissions at American Caster Corp, and indicate that the property was classified as a hazardous air pollutant (major). The listed site operations include hardware manufacturing, other metal valve and pipe fitting manufacturing, and ball and roller bearing manufacturing. There are no reported spills, releases, or violations associated with the 141 West Avenue 34 address. Based on the available information, the listings do not represent a significant environmental concern.

- **153 West Avenue 34** (Map ID A1) – this subject property address was identified under the operator name William Pile Enterprises and was identified in the HAZMAT database with a listing dated January 2019. The HAZMAT database is a list of facility and manifest data compiled by DTSC. No further information was provided by the listing. There are no reported spills or violations associated with the 153 West Avenue 34 address. Based on the available information, the listings do not represent a significant environmental concern.

- **3401 Pasadena Avenue** (Map ID A3, 14, 21, 30) – this subject property address was identified in the HAZNET (3) and EMI databases under the operator names 20th Century Fox, E D 1125 Inc, Elastic Coatings Org, and Bob Baker Production.

  Two of the HAZNET listings are associated with the disposal of wastes generated during film production, including very small quantities of various paints, latex gloves, fuel blends, waste oil, and other organic solids (2006-2007); and the other HAZNET listing is related to Elastic Coatings Organization for the disposal of unspecified solvent mixtures, pesticides, and alkaline solution without metals pH > 12.5 (1993).

The EMI listing refers to air emissions (total organic hydrocarbons and reactive organic gases) associated with Bob Baker Productions, a film production company (1990). There are no reported spills, releases, or violations associated with the 3401 Pasadena Avenue address. Based on the available information, the listings do not represent a significant environmental concern.

- **3433 Pasadena Avenue** (Map ID A8, 9, 12, 16, 17, 20, 33, 34, 37) – this subject property address was identified in the HAZNET (8), FINDS, ECHO, and RCRA NonGen/NLR databases under the operator names Gone Girl, Moneyball, Informant Productions, End of Watch LLC, Warner Bros. Hangover 3, Hotel for Dogs, and Fox Gone Girl.

  All of the HAZNET listings are associated with the disposal of wastes generated during film production, including very small quantities of various paints, latex gloves, fuel blends, and other organic solids (2008-2014). The RCRA NonGen/NLR, FINDS, and ECHO listings refer to operations associated with filming the Warner Bros Hangover 3 movie (2010-2012), a former generator of the following hazardous waste: ignitable waste; methyl ethyl ketone; and non-halogenated solvents. There are no reported spills, releases, or violations associated with the 135 West Avenue 34 address. Based on the available information, the listings do not represent a significant environmental concern.

· SUMMARY OF LISTINGS ·

National Priorities List (NPL) Facilities

The NPL, also known as the Superfund List, is an EPA listing of the nation's worst uncontrolled or abandoned hazardous waste facilities. Designation as a Superfund Site is primarily based on a score that the facility receives from the EPA's Hazard Ranking System. These facilities are targeted for possible long-term remedial action. Such prioritized sites with significant risk to human health and the environment receive remedial funding under the Comprehensive Environmental Response Conservation and Liability Act (CERCLA). The NPL is compiled by EPA pursuant to CERCLA, 42 U.S.C.§9605(a)(8)(B). (*http://www.epa.gov/superfund/sites/npl/npl.htm*).

No NPL sites were identified within the specified radius from the subject property.

Federal Delisted NPL List

Federal Delisted NPL List consists of sites that no longer require further response actions as determined by the EPA.

No Federal Delisted NPL List sites were identified within the specified radius from the subject property.

SEMS (Superfund Enterprise Management System) List

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly known as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Two SEMS List sites were identified within the specified radius from the subject property.

- **3209 East Humboldt Street (**Map ID I74-78) – this property is located approximately 600 feet south of the subject property, and was identified under the operator ITT Cannon / Kennington. The site is listed in the following databases from the report: HAZMAT, UST, RCRA-SQG, FINDS, SEMS, ENVIROSTOR, VCP, SWEEPS UST, CA FID UST, DEED, HIST CORTESE, CPS-SLIC, LA Co. Mitigation, and CERS.

  The SEMS, ENVIROSTOR, VCP, HIST CORTESE, FINDS, CPS-SLIC, and LA Co. Mitigation listings indicate that the property is a Superfund site with environmental investigations dating back to 1990, due to battery and electronics manufacturing on the property, including lead, PCBs, tetrachloroethene (PCE), and trichloroethene (TCE). The site was enrolled in the Voluntary Cleanup Program (VCP) in 1993, and remedial activities to date have included the excavation of soil approximately 46 feet below ground surface with off-site disposal of 18,000 cubic yards of contaminated soil. The site is still being actively monitored by the DTSC Site Cleanup Program. The DEED listing refers to land-use restrictions imposed on the site as part of the VCP agreement.

  The RCRA-SQG and HAZMAT listings indicate the property is a small quantity generator of hazardous waste, including polychlorinated biphenyls (PCBs) and lead (1998-2006). Based on separation distance and regulatory oversight of cleanup activities with active groundwater monitoring, this site does not represent a significant environmental concern to the subject property.

- **301 West Avenue 26** (Map ID S127-128) – this property is located approximately 1,700 feet southwest of the subject property and was identified under the operator names Jaybee and Ajax Manufacturing. The site is listed in the ENVIROSTOR, VCP, EMI, and SEMS databases. The listings indicate the property was discovered as contaminated in 1994, with a discovery date of 2000. The site was listed as a Superfund site in 2002. The contaminants of concern include lead, PAHs, PCE, diesel fuel, TCE, and other volatile organic compounds associated with former manufacturing operations at the site, and the site is currently active in the VCP. Based on separation distance and regulatory oversight of cleanup activities with active groundwater monitoring, this site does not represent a significant environmental concern to the subject property.

SEMS-ARCHIVE List

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

Two SEMS-ARCHIVE List sites were identified within the specified radius from the subject property.

- **3011 Humboldt Street** (Map ID N119) – this site was identified under the operator name NI West Incorporated and is located approximately 1,125 feet south of the subject property. The site is listed in the SEMS-ARCHIVE database. The listing indicates that the site was discovered in 1993 and investigated in 2003. The site was determined to not be included in the NPL with an archived date of 2005. Based on separation distance and the available information, this site does not represent a significant environmental concern to the subject property.

- **241 Avenue 26** (Map ID 136, 145) – this site was identified under the operator name Baron Manufacturing and is located approximately 1,800 feet southwest of the subject property. The site is listed in the ENVIROSTOR and SEMS ARCHIVE databases. The listings indicate the site was discovered in 1983 and investigated in 1984 and 1994 due to steel and sheet metal fabrication. The contaminants of concern include unspecified solvent mixtures. No further information was provided by the listings. Based on separation distance and regulatory oversight of cleanup activities with active groundwater monitoring, this site does not represent a significant environmental concern to the subject property. Based on separation distance and regulatory oversight, this site not represent a significant environmental concern to the subject property.

RCRA CORRACTS List

RCRA CORRACTS List is an EPA-maintained database of Resource Conservation and Recovery Act (RCRA) facilities undergoing "corrective action". A "corrective action order" is issued when there has been a release of hazardous waste or constituents into the environment from a RCRA facility. Corrective actions may be required beyond the facility's boundary and can be required regardless of when the release occurred, even if it predates RCRA.

No RCRA CORRACTS List sites were identified within the specified radius from the subject property. .

RCRA TSDF List

RCRA TSDF List are sites that generate, transport, store, treat, and/or dispose of hazardous waste and are required to register their hazardous waste activity under the Resource Conservation and Recovery Act (RCRA). The list includes small- and large-quantity operators and handler violations.

No RCRA TSDF List sites were identified within the specified radius from the subject property.

RCRA Generators List (Small Quantity and Large Quantity)

RCRA hazardous waste generators are identified as Large Quantity Generators (LQGs), Small Quantity Generators (SQGs), or Conditionally Exempt Small Quantity Generators (CESQGs). RCRA LQGs are identified as those facilities, which generate at least 1,000 kilograms (2,200 pounds) of non-acutely hazardous waste (or 1 kilogram of acutely hazardous waste) in any calendar month. RCRA SQGs are identified as those facilities that generate less than 1,000 kilograms of non-acutely hazardous waste in any calendar month.

The subject property address, 141 West Avenue 34, was identified on the RCRA Generator database

- **141 West Avenue 34** (Map ID A2, 4, 6, 15, 24, 26, 29, 32, 36, 38) – this subject property address was identified in the HAZNET (8), RCRA-SQG, FINDS, ECHO, EMI, HAZMAT, and CERS databases. The listings are associate with the following operator names: Touchstone Pictures, American Caster Corp, Tomcats, Five Continent Imports LLC, Lie To Me, ABC Signatures Studio, Battle of the Sexes, and Dreamworks Productions.

  Seven of the HAZNET listings are associated with the disposal of wastes generated during film production, including very small quantities of various paints, latex gloves, fuel blends, and other organic solids (1997-2017); and the other HAZNET listing is associated with American Caster Corp for the disposal of other organic solids, hydrocarbons, oil-containing waste, and paint sludge (1987-1996).

  The RCRA-SQG refers to American Caster Corp operations on the property in 1987 (specific type of waste not specified). American Caster Corp was also identified under a historic address, 157 West Avenue 34, in the HAZMAT database.

  The ECHO, EMI, and CERS listings refer to regulated air emissions at American Caster Corp, and indicate that the property was classified as a hazardous air pollutant (major). The listed site operations include hardware manufacturing, other metal valve and pipe fitting manufacturing, and ball and roller bearing manufacturing. There are no reported spills, releases, or violations associated with the 141 West Avenue 34 address. Based on the available information, the listings do not represent a significant environmental concern to the subject property.

Two of the neighboring or adjoining properties were identified on the RCRA Generator database.

- **3505 Pasadena Avenue** (Map ID B41-47) – this site was identified under the operator name Former Welch's Uniform Services and is located adjacent to and north of the subject property. The site is listed in the following databases from the report: UST (2), RCRA-LQG, ENVIROSTOR, LUST, CPS-SLIC (2), VCP, SWEEPS UST, HIST UST, CA FID UST, FINDS, ECHO, EMI, HIST CORTESE, CERS, DRYCLEANERS, HAZMAT, and EDR Hist Cleaner.

  The ENVIROSTOR, VCP, and CPS-SLIC (2) listings indicate the site was enrolled in the VCP in 2007 after being transferred to DTSC in 2006. Groundwater beneath the property is being actively monitored, and, according to a 2016 groundwater monitoring report, groundwater concentrations of the contaminants of concern are highest near the center of the site, and the plume appears to be migrating west and then south along the railroad corridor ROW along the western boundary of the subject property. The site is being actively remediated via soil vapor extraction and under the supervision of DTSC. The most recent (2016) groundwater monitoring report indicates that groundwater concentrations have approached cleanup levels at the subject property boundary. It is expected that the concentrations have continued to decline in the last 3 years since the most recent report as remedial activities continue.

  The UST (2), HIST UST, CA FID UST, SWEEPS UST, CERS, and LUST listings indicate that there were former historic USTs containing diesel fuel, gasoline, waste oil, and "product unknown on the site, but none are currently active. The LUST listing refers to a release reported in 1987 (product not specified). The EMI listing refers to South coast Air Quality Management District (SCAQMD) air emissions regulation at the property, including total organic hydrocarbon gases and reactive organic gases. The RCRA-LQG, HAZMAT, and EDR Hist Cleaners listings indicate that the facility was a drycleaner and a historical large-quantity generator of hazardous waste, specifically chlorinate solvents (1924-1987).

  Based on regulatory oversight and on-going SVE remediation with semi-annual groundwater monitoring, and the most recent (2016) analytical data available, this site does not represent a significant environmental concern to the subject property.

- **120 East Avenue 35** (Map ID F65-66) – this site was identified under the operator name Hillside Elementary and is located adjacent to and east of the subject property. The site is listed in the HAZMAT, RCRA-SQG, FINDS, and ECHO databases. The listings indicate that the property is a small-quantity generator of hazardous waste. There are no reported spills, releases, or violations associated with the property. No further information is provided by the listings. Based on the available information, this site does not represent a significant concern to the subject property.

US Engineering Controls

This is a listing of sites with engineering controls in place to control on-site contamination. Engineering controls may include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

The subject property was not identified on the US Engineering Control sites database.

US Institutional Controls

This is a listing of sites with institutional controls in place to control on-site contamination. Institutional controls may include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

The subject property was not identified on the US Institutional Control sites database.

Emergency Response Notification System (ERNS)

ERNS is a national database used to collect information on reported releases of petroleum products or hazardous substances. The database contains information from spill reports made to federal authorities including the EPA, the U.S. Coast Guard, the National Response Center and the U.S. Department of Transportation. The program is a cooperative effort of the EPA, the Department of Transportation Research and Special Program Administration's National Transportation System Center, and the National Response Center. There are five primary Federal statutes that require release reporting: CERCLA Section 103; the Superfund Amendments and Reauthorization Act (SARA) Title III Section 304; the Clean Water Act of 1972 (CWA) Section 311(b) (3); and the Hazardous Material Transportation Act of 1974 (HMTA) Section 1808 (b).

The subject property was not identified on the ERNS database.

State/Tribal NPL (Response)

Response sites identify confirmed release sites where the California Department of Toxic Substances Control (DTSC) is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

No State/Tribal NPL sites were identified within the specified radius from the subject property.

State/Tribal CERCLIS (Envirostor and Historical Cal-Sites)

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) Envirostor database identifies sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response (RESPONSE), including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. Envirostor provides similar information to the information that was available in Cal-Sites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land

uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Ten-Nine State/Tribal CERCLIS sites were identified within the specified radius from the subject property. Due to the volume of sites, only the three sites within 1,000 feet of the subject property are further discussed.

- **3505 Pasadena Avenue** (Map ID B41-47) – this site was identified under the operator name Former Welch's Uniform Services and is located adjacent to and north of the subject property. The site is listed in the following databases from the report: UST (2), RCRA-LQG, ENVIROSTOR, LUST, CPS-SLIC (2), VCP, SWEEPS UST, HIST UST, CA FID UST, FINDS, ECHO, EMI, HIST CORTESE, CERS, DRYCLEANERS, HAZMAT, and EDR Hist Cleaner. The site was previously described in the RCRA generators sub-section above. Based on regulatory oversight and on-going SVE remediation with semi-annual groundwater monitoring, and the most recent (2016) analytical data available, this site does not represent a significant concern to the subject property.

- **3408 Arroyo Seco Avenue** (Map ID K83-86) – this site was identified under the operator name Los Angeles USD Loreto Elem School and is located approximately 415 feet northwest of the subject property. The site is listed in the RCRA-SQG, FINDS, ECHO, ENVIROSTOR, SCH, UST, and HAZMAT databases. The listings indicate the facility was a small-quantity generator of hazardous waste. The ENVIROSTOR listing refers to an investigation conducted in 2006 and the status is listed as closed and withdrawn with no contaminants found. There are no reported spills, releases, or violations associated with the property. No further information is provided by the listings. Based on the available information, this site does not represent a significant concern to the subject property.

- **3209 East Humboldt Street (**Map ID I74-78) – this property is located approximately 600 feet south of the subject property, and was identified under the operator ITT Cannon / Kennington. The site is listed in the following databases from the report: HAZMAT, UST, RCRA-SQG, FINDS, SEMS, ENVIROSTOR, VCP, SWEEPS UST, CA FID UST, DEED, HIST CORTESE, CPS-SLIC, LA Co. Mitigation, and CERS. The site was previously discussed in the SEMS database review section. Based on separation distance and regulatory oversight of cleanup activities with active groundwater monitoring, this site does not represent a significant environmental concern to the subject property.

Based on the relative distance from the subject property, down-gradient to cross-gradient hydraulic position, continued regulatory oversight, soil-only media impacted, lack of reported violations or releases, and/or current case-closed/NFA status, none of the listed sites are anticipated to represent a significant environmental concern to the subject property.

State/Tribal SWF/LF

State/Tribal Solid Waste Landfills (SWLF) typically contains an inventory of solid waste disposal facilities or landfills in a particular State. Depending on the State, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

One State/Tribal SWF/LF site with two listings was identified within the specified radius from the subject property.

- **400 West Avenue 26** (Map ID T129, 130, 133) – this site was identified under the operator name Lacy's Street Dump and is located approximately 1,700 feet southwest of the subject property. The site is listed in the WMUDS/SWAT, LDS, CERS (2), and SWF/LF (2) databases. The listings indicate that the property operated as a landfill in 1975 and is listed as currently closed. The site achieved regulatory closure status with DTSC in 2016. Based on separation distance and regulatory closure status, this site does not represent a significant environmental concern to the subject property.

State/Tribal LUST and CPS-SLIC

LUST Sites

Leaking Underground Storage Tanks (LUST) sites are a database of sites with confirmed or unconfirmed leaking underground storage tanks.

Seven LUST sites comprised of thirteen listings were identified within the specified radius from the subject property. Due to the volume of listings, only the four sites within 1,000 feet of the subject property are further discussed.

3505 Pasadena Avenue (Map ID B41-47) – this site was identified under the operator name Former Welch's Uniform Services and is located adjacent to and north of the subject property. The site is listed in the following databases from the report: UST (2), RCRA-LQG, ENVIROSTOR, LUST, CPS-SLIC (2), VCP, SWEEPS UST, HIST UST, CA FID UST, FINDS, ECHO, EMI, HIST CORTESE, CERS, DRYCLEANERS, HAZMAT, and EDR Hist Cleaner. The site was previously described in the RCRA generators sub-section above. Based on regulatory oversight and on-going SVE remediation with semi-annual groundwater monitoring, and the most recent (2016) analytical data available, this site does not represent a significant environmental concern to the subject property.

- **3225 Lacy Street** (Map ID H67-73) – this site was identified under the operator names Heath & Co, and Maintenance and Operations New Maintenance Company for the Los Angeles Unified School District. The site is located approximately 350 feet southwest of the subject property, and is listed in the following databases from the report: HIST UST, UST, SWEEPS UST, CA FID UST, RCRA-LQG, HAZMAT, LUST, FINDS, ECHO, HIST CORTESE, and CERS.

The UST, SWEEPS UST, CA FID UST, and LUST listings refer to a 7,500-gallon diesel fuel UST installed in 1964, and a 12,000-gallon gasoline UST installed in 1973. The tanks are listed as active in a 1993 SWEEPS UST listing. The LUST listing refers to a gasoline release reported in July 1995 during tank removal. The site achieved regulatory closure status in November 1995.

The RCRA-LQG, HAZMAT, FINDS, ECHO, HIST CORTESE, and CERS listings indicate the facility is a large-quantity generator of the following hazardous wastes: ignitable waste, corrosive waste, lead, and mercury. There are no reported violations associated with the property. Based on separation distance and site closure status, this site does not represent a significant environmental concern to the subject property.

- **3580 Pasadena Avenue** (Map ID J94-97) – this site was identified under the operator name Flavor Food Inc. and is located approximately 700 feet northeast of the subject property. The site is listed in the following databases from the report: SWEEPS UST, CA FID UST, LUST, HIST UST, HIST CORTESE, CERS, and UST.

  The UST listings refer to three 9,000-gallon gasoline USTs installed in and removed in 1986. The LUST listing refers to a gasoline release reported in October1986 during tank removal with regulatory closure status in November 1986. There are no reported violations associated with the property. Based on separation distance and site closure status, this site does not represent a significant environmental concern to the subject property.

- **3101 Artesian Street** (Map ID N98-104) – this site was identified under the operator names Lincoln Heights District and P D D Construction MTNC. The site is located approximately 730 feet southwest of the subject property, and is listed in the following databases from the report: SWEEPS UST, CA FID UST, UST (2), LUST (2), RCRA-SQG, FINDS, ECHO, HAZMAT, CERS HAZ WASTE, HIST UST (2), CERS TANKS, HIST CORTESE, and CERS.

  The UST listings refer to four active 5,000-gallon diesel fuel USTs on the property. The LUST listings refer to petroleum releases reported in 1991 with regulatory closure status in 1997.

  The CERS HAZWASTE and ECHO listings refer to the following violations: violations reported in 2016 due to failure to comply with one or more of the following, failure to property label hazardous waste accumulation containers, and a violation for failure to maintain uniform hazardous waste manifests for three years; : failure to install a spill bucket, have a functional drain valve or other method for the removal of liquid from the spill bucket/spill container, and/or be resistant to galvanic corrosion; violations reported in 2018 due to failure to submit a complete and accurate application for a permit to operate a UST, or for renewal of the permit, and a violation for failure to submit or maintain a current facility plot plan; a violation reported in 2017 due to the failure to maintain records of repairs, lining, and upgrades on site; and a violation in 2013 for failure to obtain and/or maintain an active hazardous waste generator permit. Refer to the database report for more information.

The RCRA-SQG, FINDS, HAZMAT, and CERS listings indicate the facility is a small-quantity generator of hazardous waste (1996). Based on separation distance from the subject property, this site does not represent a significant environmental concern to the subject property.

Based on the relative distance from the subject property, down-gradient to cross-gradient hydraulic position, continued regulatory oversight, soil-only media impacted, lack of reported violations or releases, and/or current case-closed/NFA status, none of the listed sites are anticipated to represent a significant environmental concern to the subject property.

CPS-SLIC Sites

Three CPS-SLIC sites comprised of four listings were identified within the specified radius from the subject property.

- **3505 Pasadena Avenue** (Map ID B41-47) – this site was identified under the operator name Former Welch's Uniform Services and is located adjacent to and north of the subject property. The site is listed in the following databases from the report: UST (2), RCRA-LQG, ENVIROSTOR, LUST, CPS-SLIC (2), VCP, SWEEPS UST, HIST UST, CA FID UST, FINDS, ECHO, EMI, HIST CORTESE, CERS, DRYCLEANERS, HAZMAT, and EDR Hist Cleaner. The site was previously described in the RCRA generators sub-section above. Based on regulatory oversight and on-going SVE remediation with semi-annual groundwater monitoring, and the most recent (2016) analytical data available, this site not represent a significant environmental concern to the subject property.

- **3209 East Humboldt Street (**Map ID I74-78) – this property is located approximately 600 feet south of the subject property, and was identified under the operator ITT Cannon / Kennington. The site is listed in the following databases from the report: HAZMAT, UST, RCRA-SQG, FINDS, SEMS, ENVIROSTOR, VCP, SWEEPS UST, CA FID UST, DEED, HIST CORTESE, CPS-SLIC, LA Co. Mitigation, and CERS. The site was previously discussed in the SEMS database review section. Based on separation distance and regulatory oversight of cleanup activities with active groundwater monitoring, this site does not represent a significant environmental concern to the subject property.

- **306-360 Avenue 26** (Map ID W137) – this property is located approximately 1,775 feet southwest of the subject property and was identified under the operator name The E B Malone Corp. The site is listed in the CPS-SLIC and CERS databases. There is also an orphan listing for the site in the CPS-SLIC database. The listings indicate that the site was enrolled in the DTSC Cleanup Program and was investigated for VOCs and chromium, and has achieved regulatory closure status as of April 2006. Based on the available information and separation distance, this site does not represent a significant environmental concern to the subject property.

Based on the relative distance from the subject property, down-gradient to cross-gradient hydraulic position, continued regulatory oversight, soil-only media impacted, lack of reported violations or

releases, and/or current case-closed/NFA status, none of the listed sites are anticipated to represent a significant environmental concern to the subject property.

State/Tribal UST (also AST, HIST UST, SWEEPS UST, and CA FID UST list)

State/Tribal Underground Storage Tanks (UST): This is a list of state registered underground storage tanks for the site area. Sites appearing on the UST list have not necessarily released hazardous substances into the environment nor do they necessarily pose environmental threat to surrounding properties. Since Federal and State UST regulations require periodic monitoring for UST leakage and immediate reporting of evidence of UST leakage, only those sites appearing on the Leaking Underground Storage Tanks (LUST) list are considered to have significant potential of environmental impact for the purposes of this Phase I.

The subject property was not identified on the Registered UST/AST database.

One of the adjoining properties was identified on the Registered UST/AST database.

- **3505 Pasadena Avenue** (Map ID B41-47) – this site was identified under the operator name Former Welch's Uniform Services and is located adjacent to and north of the subject property. The site is listed in the following databases from the report: UST (2), RCRA-LQG, ENVIROSTOR, LUST, CPS-SLIC (2), VCP, SWEEPS UST, HIST UST, CA FID UST, FINDS, ECHO, EMI, HIST CORTESE, CERS, DRYCLEANERS, HAZMAT, and EDR Hist Cleaner. The site was previously described in the RCRA generators sub-section above. Based on regulatory oversight and on-going SVE remediation with semi-annual groundwater monitoring, and the most recent (2016) analytical data available, this site does not represent a significant concern to the subject property.

SWEEPS UST: Statewide Environmental Evaluation and Planning System: This is an inactive underground storage tank database. It identifies underground storage tanks and was maintained by a contractor for the State Water Resources Control Board in the early 1980s. The listing is no longer updated or maintained.

The subject property was not identified on the SWEEPS UST database.

One of the adjoining properties was identified on the SWEEPS UST database.

- **3505 Pasadena Avenue** (Map ID B41-47) – this site was identified under the operator name Former Welch's Uniform Services and is located adjacent to and north of the subject property. The site is listed in the following databases from the report: UST (2), RCRA-LQG, ENVIROSTOR, LUST, CPS-SLIC (2), VCP, SWEEPS UST, HIST UST, CA FID UST, FINDS, ECHO, EMI, HIST CORTESE, CERS, DRYCLEANERS, HAZMAT, and EDR Hist Cleaner. The site was previously described in the RCRA generators sub-section above. Based on regulatory oversight and on-going SVE remediation with semi-annual groundwater monitoring, and the most recent (2016) analytical data available, this site does not represent a significant environmental concern to the subject property.

HIST UST: Historical Underground Storage Tank Registered Database: This is a listing of underground storage tanks that have been registered but have been removed or are no longer in service. Data on the HIST UST list was supplied by the State Water Resources Control Board.

The subject property was not identified on the Historical UST database.

One of the adjoining properties was identified on the Historical UST database.

- **3505 Pasadena Avenue** (Map ID B41-47) – this site was identified under the operator name Former Welch's Uniform Services and is located adjacent to and north of the subject property. The site is listed in the following databases from the report: UST (2), RCRA-LQG, ENVIROSTOR, LUST, CPS-SLIC (2), VCP, SWEEPS UST, HIST UST, CA FID UST, FINDS, ECHO, EMI, HIST CORTESE, CERS, DRYCLEANERS, HAZMAT, and EDR Hist Cleaner. The site was previously described in the RCRA generators sub-section above. Based on regulatory oversight and on-going SVE remediation with semi-annual groundwater monitoring, and the most recent (2016) analytical data available, this site does not represent a significant environmental concern to the subject property.

CA Facility Inventory Database (CA FID): This is a list of active and inactive underground storage tank sites. The database is maintained by the California Water Resources Control Board.

The subject property was not identified on the CA FID UST database.

One of the adjoining properties was identified on the CA FID UST database.

- **3505 Pasadena Avenue** (Map ID B41-47) – this site was identified under the operator name Former Welch's Uniform Services and is located adjacent to and north of the subject property. The site is listed in the following databases from the report: UST (2), RCRA-LQG, ENVIROSTOR, LUST, CPS-SLIC (2), VCP, SWEEPS UST, HIST UST, CA FID UST, FINDS, ECHO, EMI, HIST CORTESE, CERS, DRYCLEANERS, HAZMAT, and EDR Hist Cleaner. The site was previously described in the RCRA generators sub-section above. Based on regulatory oversight and on-going SVE remediation with semi-annual groundwater monitoring, and the most recent (2016) analytical data available, this site does not represent a significant environmental concern to the subject property.

State/Tribal VCP

The State Voluntary Cleanup Program list addresses the environmental, legal and financial barriers that often hinder the redevelopment and reuse of contaminated properties. The Voluntary Cleanup Program was developed to enhance private sector cleanup of brownfields by enabling parties to remediate sites using private rather than public funds and to reduce the development pressures on "greenfield" sites.

Three State/Tribal VCP sites were identified within the specified radius from the subject property.

- **3505 Pasadena Avenue** (Map ID B41-47) – this site was identified under the operator name Former Welch's Uniform Services and is located adjacent to and north of the subject property. The site is listed in the following databases from the report: UST (2), RCRA-LQG, ENVIROSTOR, LUST, CPS-SLIC (2), VCP, SWEEPS UST, HIST UST, CA FID UST, FINDS, ECHO, EMI, HIST CORTESE, CERS, DRYCLEANERS, HAZMAT, and EDR Hist Cleaner. The site was previously described in the RCRA generators sub-section above. Based on regulatory oversight and on-going SVE remediation with semi-annual groundwater monitoring, and the most recent (2016) analytical data available, this site does not represent a significant environmental concern to the subject property.

- **3209 East Humboldt Street (**Map ID I74-78) – this property is located approximately 600 feet south of the subject property, and was identified under the operator ITT Cannon / Kennington. The site is listed in the following databases from the report: HAZMAT, UST, RCRA-SQG, FINDS, SEMS, ENVIROSTOR, VCP, SWEEPS UST, CA FID UST, DEED, HIST CORTESE, CPS-SLIC, LA Co. Mitigation, and CERS. The site was previously discussed in the SEMS database review section. Based on separation distance and regulatory oversight of cleanup activities with active groundwater monitoring, this site does not represent a significant environmental concern to the subject property.

- **301 West Avenue 26** (Map ID S127-128) – this property is located approximately 1,700 feet southwest of the subject property and was identified under the operator names Jaybee and Ajax Manufacturing. The site is listed in the ENVIROSTOR, VCP, EMI, and SEMS databases. The listings indicate the property was discovered as contaminated in 1994, with a discovery date of 2000. The site was listed as a Superfund site in 2002. The contaminants of concern include lead, PAHs, PCE, diesel fuel, TCE, and other volatile organic compounds associated with former manufacturing operations at the site, and the site is currently active in the VCP. Based on separation distance and regulatory oversight of cleanup activities with active groundwater monitoring, this site does not represent a significant environmental concern to the subject property.

State/Tribal Brownfield Sites

No State/Tribal Brownfield Sites were identified within the specified radius from the subject property.

State/Tribal Institutional Control and Engineering Control

The State/Tribal Institutional Control and Engineering Control list consists of deed-restricted sites with environmental remediation associated with engineering or institutional controls.

The subject property was not listed on the State/Tribal Institutional Control and Engineering Control sites database.

Local Ascertainable Records in Database

The subject property addresses were identified in several of the local ascertainable records databases, summarized as follows:

- **135 West Avenue 34** (Map ID A5, 7, 10, 11, 13, 18, 19, 22, 23, 25, 27, 28, 31, 35) – this subject property address was identified in the HAZNET (12), RCRA NonGen/NLR, FINDS, and ECHO databases under the following operator names: Jardinero Productions, Birddog, Warner Bros., All About Steve Movie, Soul Productions LLC Ortiz Brothers Moving, Step Up 3D, Love & Basketball, Nurse Betty Productions, 20th Century Fox, and Olivers Arrow Movie.

  Ten of the HAZNET listings are associated with the disposal of wastes generated during film production, including very small quantities of various paints, latex gloves, fuel blends, and other organic solids (1999-2016); the remaining two HAZNET listings are associated with Ortiz Brothers Moving, including the disposal of waste oil and hydrocarbons (1997-1998).

  The RCRA NonGen/NLR listing, FINDS, and ECHO listings refer to the All About Steve Movie Site (2007), a former generator of hazardous ignitable waste from photographic film. There are no reported spills, releases, or violations associated with the 135 West Avenue 34 address. Based on the available information, the listings do not represent a significant environmental concern.

- **141 West Avenue 34** (Map ID A2, 4, 6, 15, 24, 26, 29, 32, 36, 38) – this subject property address was identified in the HAZNET (8), RCRA-SQG, FINDS, ECHO, EMI, HAZMAT, and CERS databases. The listings are associate with the following operator names: Touchstone Pictures, American Caster Corp, Tomcats, Five Continent Imports LLC, Lie To Me, ABC Signatures Studio, Battle of the Sexes, and Dreamworks Productions.

  Seven of the HAZNET listings are associated with the disposal of wastes generated during film production, including very small quantities of various paints, latex gloves, fuel blends, and other organic solids (1997-2017); and the other HAZNET listing is associated with American Caster Corp for the disposal of other organic solids, hydrocarbons, oil-containing waste, and paint sludge (1987-1996).

  The RCRA-SQG refers to American Caster Corp operations on the property in 1987 (specific type of waste not specified). American Caster Corp was also identified under a historic address, 157 West Avenue 34, in the HAZMAT database.

  The ECHO, EMI, and CERS listings refer to regulated air emissions at American Caster Corp, and indicate that the property was classified as a hazardous air pollutant (major). The listed site operations include hardware manufacturing, other metal valve and pipe fitting manufacturing, and ball and roller bearing manufacturing. There are no reported spills, releases, or violations associated with the 141 West Avenue 34 address. Based on the available information, the listings do not represent a significant environmental concern.

- **153 West Avenue 34** (Map ID A1) – this subject property address was identified under the operator name William Pile Enterprises and was identified in the HAZMAT database with a listing dated January 2019. The HAZMAT database is a list of facility and manifest data compiled by DTSC. No further information was provided by the listing. There are no reported spills or violations associated with the 153 West Avenue 34 address. Based on the available information, the listings do not represent a significant environmental concern.

- **3401 Pasadena Avenue** (Map ID A3, 14, 21, 30) – this subject property address was identified in the HAZNET (3) and EMI databases under the operator names 20th Century Fox, E D 1125 Inc, Elastic Coatings Org, and Bob Baker Production.

  Two of the HAZNET listings are associated with the disposal of wastes generated during film production, including very small quantities of various paints, latex gloves, fuel blends, waste oil, and other organic solids (2006-2007); and the other HAZNET listing is related to Elastic Coatings Organization for the disposal of unspecified solvent mixtures, pesticides, and alkaline solution without metals pH > 12.5 (1993).

  The EMI listing refers to air emissions (total organic hydrocarbons and reactive organic gases) associated with Bob Baker Productions, a film production company (1990). There are no reported spills, releases, or violations associated with the 3401 Pasadena Avenue address. Based on the available information, the listings do not represent a significant environmental concern.

- **3433 Pasadena Avenue** (Map ID A8, 9, 12, 16, 17, 20, 33, 34, 37) – this subject property address was identified in the HAZNET (8), FINDS, ECHO, and RCRA NonGen/NLR databases under the operator names Gone Girl, Moneyball, Informant Productions, End of Watch LLC, Warner Bros. Hangover 3, Hotel for Dogs, and Fox Gone Girl.

  All of the HAZNET listings are associated with the disposal of wastes generated during film production, including very small quantities of various paints, latex gloves, fuel blends, and other organic solids (2008-2014). The RCRA NonGen/NLR, FINDS, and ECHO listings refer to operations associated with filming the Warner Bros Hangover 3 movie (2010-2012), a former generator of the following hazardous waste: ignitable waste; methyl ethyl ketone; and non-halogenated solvents. There are no reported spills, releases, or violations associated with the 135 West Avenue 34 address. Based on the available information, the listings do not represent a significant environmental concern.

Orphan Listings

Orphan listing consists of sites that are provided in the regulatory database; however, due to poor or inadequate address information were not mapped.

The subject property or other sites in immediate vicinity were not listed in orphan summary. Therefore, the listed sites are not expected to represent a significant environmental concern.

6.2 Proprietary Database Listings

The subject property was not identified on the EDR proprietary records databases.

6.3 Vapor Encroachment Condition

ASTM E2600-10 Standard Guide for Vapor Encroachment Screening (VES) on Property Involved in Real Estate Transactions was used as guidance for conducting a VES for the subject property. The purpose of the screening is to determine whether a Vapor Encroachment Condition (VEC) exists from chemicals of concern (COC*)* that may migrate as vapors onto a property as a result of contaminated soil and groundwater on or near the subject property. Current or past uses such as gas stations (using petroleum hydrocarbons), dry cleaning establishments (using chlorinated volatile organic compounds), former manufactured gas plant sites (using volatile and semi-volatile organic compounds), and former industrial sites such as those that had vapor degreasing or other parts-cleaning operations (using chlorinated volatile organic compounds) are of particular concern. COC vapors are capable of migrating great distances omni-directionally along subsurface conduits such as utility lines, pipelines, sewer and storm water lines, and building fountains which may represent a potential VEC in connection with the subject property. There are two levels of screening for VECs:

<u>Tier 1 Vapor Encroachment Screen</u>
Tier 1 screening is an investigation of known or suspected contaminated properties within a given radius, government records, investigation, historical research, etc. The research radius varies based on the COC at the contaminated site due to chemicals having different migration properties. For sites with petroleum hydrocarbon COC, the search distance is 528 feet (1/10 mile). For contaminated sites with non-petroleum hydrocarbon (other volatile compounds) COC, the search radius is 1,760 feet (1/3 mile) from the contaminated site to the boundary of the subject property.

A total of eight sites were identified in the Radius Map Report and historical research within the "Area of Concern" that were considered to pose a potential VEC at the subject property based on the Tier 1 Evaluation. Tier 1 sites are:

- **3505 Pasadena Avenue** (Map ID B41-47) – this site was identified under the operator name Former Welch's Uniform Services and is located adjacent to and north of the subject property. The site is listed in the following databases from the report: UST (2), RCRA-LQG, ENVIROSTOR, LUST, CPS-SLIC (2), VCP, SWEEPS UST, HIST UST, CA FID UST, FINDS, ECHO, EMI, HIST CORTESE, CERS, DRYCLEANERS, HAZMAT, and EDR Hist Cleaner. The site was previously described in the RCRA generators sub-section above. Based on regulatory oversight and on-going SVE remediation with semi-annual groundwater monitoring, and the most recent (2016) analytical data available, this site does not represent a VEC to the subject property.

- **3500 Pasadena Avenue** (Map ID F61, 62) – this site was identified under the operator names Smith W P and Chuy Carburetors, and is located approximately 250 feet northeast of the subject property. The site is listed in the EDR Hist Cleaner and HAZMAT databases. The EDR Hist Cleaner

database is dated 1924, and the HAZMAT listing is currently active. There are no reported spills, releases, or violations associated with the site. Based on the available information, this site does not represent a VEC to the subject property.

- **3225 Lacy Street** (Map ID H67-73) – this site was identified under the operator names Heath & Co, and Maintenance and Operations New Maintenance Company for the Los Angeles Unified School District. The site is located approximately 350 feet southwest of the subject property, and is listed in the following databases from the report: HIST UST, UST, SWEEPS UST, CA FID UST, RCRA-LQG, HAZMAT, LUST, FINDS, ECHO, HIST CORTESE, and CERS.

  The RCRA-LQG, HAZMAT, FINDS, ECHO, HIST CORTESE, and CERS listings indicate the facility is a large-quantity generator of the following hazardous wastes: ignitable waste, corrosive waste, lead, and mercury. There are no reported violations associated with the property. Based on separation distance and site closure status, this site does not represent a VEC to the subject property.

- **3209 East Humboldt Street (**Map ID I74-78) – this property is located approximately 600 feet south of the subject property, and was identified under the operator ITT Cannon / Kennington. The site is listed in the following databases from the report: HAZMAT, UST, RCRA-SQG, FINDS, SEMS, ENVIROSTOR, VCP, SWEEPS UST, CA FID UST, DEED, HIST CORTESE, CPS-SLIC, LA Co. Mitigation, and CERS.

  The SEMS, ENVIROSTOR, VCP, HIST CORTESE, FINDS, CPS-SLIC, and LA Co. Mitigation listings indicate that the property is a Superfund site with environmental investigations dating back to 1990, due to battery and electronics manufacturing on the property, including lead, PCBs, tetrachloroethene (PCE), and trichloroethene (TCE). The site was enrolled in the Voluntary Cleanup Program (VCP) in 1993, and remedial activities to date have included the excavation of soil approximately 46 feet below ground surface with off-site disposal of 18,000 cubic yards of contaminated soil. The site is still being actively monitored by the DTSC Site Cleanup Program. The DEED listing refers to land-use restrictions imposed on the site as part of the VCP agreement.

  The RCRA-SQG and HAZMAT listings indicate the property is a small quantity generator of hazardous waste, including polychlorinated biphenyls (PCBs) and lead (1998-2006). Based on separation distance and regulatory oversight of cleanup activities with active groundwater monitoring, this site does not represent a VEC to the subject property.

- **3580 Pasadena Avenue** (Map ID J94-97) – this site was identified under the operator name Flavor Food Inc. and is located approximately 700 feet northeast of the subject property. The site is listed in the following databases from the report: SWEEPS UST, CA FID UST, LUST, HIST UST, HIST CORTESE, CERS, and UST.

  The UST listings refer to three 9,000-gallon gasoline USTs installed in and removed in 1986. The LUST listing refers to a gasoline release reported in October1986 during tank removal with

regulatory closure status in November 1986. There are no reported violations associated with the property. Based on separation distance and site closure status, this site does not represent a VEC to the subject property.

- **3101 Artesian Street** (Map ID N98-104) – this site was identified under the operator names Lincoln Heights District and P D D Construction MTNC. The site is located approximately 730 feet southwest of the subject property, and is listed in the following databases from the report: SWEEPS UST, CA FID UST, UST (2), LUST (2), RCRA-SQG, FINDS, ECHO, HAZMAT, CERS HAZ WASTE, HIST UST (2), CERS TANKS, HIST CORTESE, and CERS.

  The UST listings refer to four active 5,000-gallon diesel fuel USTs on the property. The LUST listings refer to petroleum releases reported in 1991 with regulatory closure status in 1997.

  The CERS HAZWASTE and ECHO listings refer to the following violations: violations reported in 2016 due to failure to comply with one or more of the following, failure to property label hazardous waste accumulation containers, and a violation for failure to maintain uniform hazardous waste manifests for three years; : failure to install a spill bucket, have a functional drain valve or other method for the removal of liquid from the spill bucket/spill container, and/or be resistant to galvanic corrosion; violations reported in 2018 due to failure to submit a complete and accurate application for a permit to operate a UST, or for renewal of the permit, and a violation for failure to submit or maintain a current facility plot plan; a violation reported in 2017 due to the failure to maintain records of repairs, lining, and upgrades on site; and a violation in 2013 for failure to obtain and/or maintain an active hazardous waste generator permit. Refer to the database report for more information.

  The RCRA-SQG, FINDS, HAZMAT, and CERS listings indicate the facility is a small-quantity generator of hazardous waste (1996). Based on separation distance from the subject property, this site does not represent a VEC to the subject property.

- **301 West Avenue 26** (Map ID S127-128) – this property is located approximately 1,700 feet southwest of the subject property and was identified under the operator names Jaybee and Ajax Manufacturing. The site is listed in the ENVIROSTOR, VCP, EMI, and SEMS databases. The listings indicate the property was discovered as contaminated in 1994, with a discovery date of 2000. The site was listed as a Superfund site in 2002. The contaminants of concern include lead, PAHs, PCE, diesel fuel, TCE, and other volatile organic compounds associated with former manufacturing operations at the site, and the site is currently active in the VCP. Based on separation distance and regulatory oversight of cleanup activities with active groundwater monitoring, this site does not represent a VEC to the subject property.

- **400 West Avenue 26** (Map ID T129, 130, 133) – this site was identified under the operator name Lacy's Street Dump and is located approximately 1,700 feet southwest of the subject property. The site is listed in the WMUDS/SWAT, LDS, CERS (2), and SWF/LF (2) databases. The listings indicate that the property operated as a landfill in 1975 and is listed as currently closed. The site

achieved regulatory closure status with DTSC in 2016. Based on separation distance and regulatory closure status, this site does not represent a VEC to the subject property.

In our opinion, none of the other sites listed pose a significant threat to the subject property as there is no indication of a release at the respective sites, a release has occurred but the medium affected was the soil only and the site is beyond the critical distance of 100 feet, or the site location and/or plume of contamination is in excess of the critical distance of 100 feet from the subject property. Thus, a VEC can be ruled out because a VEC does not or is not likely to exist at the subject property.

6.4 Agency Records

The following state and local agencies were contacted in reference to the subject property:

- Los Angeles County Fire Department (LACoFD)
- Los Angeles County Department of Public Works (LADPW)
- Department of Toxic Substances Control/ Envirostor (DTSC)
- State Water Resources Control Board (SWRCB)
- South Coast Air Quality Management District (SCAQMD)
- California Department of Conservation – Department of Oil and Geothermal Gas (CA-DOGG)

No records were found for the subject property from the above agencies.

· 7.0 CONCLUSIONS & RECOMMENDATIONS ·

FR has conducted a Phase I Environmental Site Assessment in accordance with the American Society for Testing and Materials (**ASTM**) Standard Practice E1527-13 and Environmental Protection Agency Standards and Practices for All Appropriate Inquiries (40 CFR Part 312) for the subject property addressed at **135, 141 & 153 West Avenue 34, and 3401 & 3433 Pasadena Avenue, Los Angeles, Los Angeles County, California 90031**. This assessment has revealed no evidence of Recognized Environmental Conditions (RECs) during the course of this assessment with the property except for those previously identified in the *Findings* section.

FR recommends no further investigations for the subject property at this time.

· 8.0 REFERENCES ·

- United States Geological Survey's 7.5-minute topographic quadrangle map of Los Angeles, California.
- California Online Geotracker Database Website (geotracker.swrcb.ca.gov)
- City of Los Angeles Building and Safety Department
- USEPA's Map of Radon Zones produced by the USEPA.
- Aerial photographs provided by Environmental Data Resources, Inc.
- City Directories provided by Environmental Data Resources, Inc.
- Fire insurance maps, provided by Environmental Data Resources, Inc.
- The EDR Radius Map with GeoCheck, produced by Environmental Data Resources, Inc.
- SCAQMD FINDS Compliance database (www.aqmd.gov)
- Department of Toxic Substances Control EnviroStor Database (www.envirostor.dtsc.ca.gov)

PREVIOUS REPORT REFERENCES

- *Phase I Environmental Site Assessment – 135, 141 and 153 West Avenue 34 and 3401 and 3433 Pasadena Avenur, Los Angeles, California 90031, prepared by Orswell & Kasman, Inc, September 28, 2012.*
- *Phase I Environmental Site Assessment – 135, 141 and 153 West Avenue 34 and 3401 and 3433 Pasadena Avenue, Los Angeles, California 90031, prepared by Orswell & Kasman, Inc, September 28, 2012.*

· 9.0 ACRONYMS ·

ACM – asbestos-containing material
AST – aboveground storage tank
ASTM – American Society for Testing and Materials
AUL – Activity and Use Limitations
bgs – below ground surface
CERCLA – Comprehensive Environmental Response, Compensation and Liability Act of 1980 (as amended, 42 USC § 9601 et seq.)
CERCLIS – Comprehensive Environmental Response, Compensation and Liability Information System (maintained by EPA)
CFR – Code of Federal Regulations
CORRACTS – Facilities subject to Corrective Action under RCRA
EA – Environmental assessment
ECRA – Environmental Cleanup Responsibility Act
EDR – Environmental Data Resources, Inc.
EPA – United States Environmental Protection Agency
EPCRA – Emergency Planning and Community Right to Know Act ((also known as SARA Title III), 42 USC § 11001 et seq.)
ERNS – Emergency Response Notification System
ESA – Environmental Site Assessment (different than an *environmental compliance audit*, 3.2.27)
FOIA – U.S. Freedom of Information Act (5 U.S.C. §552 as amended by Public Law No. 104-231, 110 Stat.)
FR – Federal Register
HREC – Historical recognized environmental condition
ICs – Institutional Controls
ISRA – Industrial Site Recovery Act
LBP – Lead-based paint
LLP – Landowner Liability Protections under the *Brownfields Amendments*
LRST – Leaking registered storage tank
LUST – Leaking underground storage tank
MSDS – Material safety data sheet
NCP – National Contingency Plan
NFRAP – former CERCLIS sites where no further remedial action is planned under CERCLA
NPDES – National Pollutant Discharge Elimination System
NPL – National Priorities List
NVLAP – National Voluntary Laboratory Accreditation Program
OSHA – Occupational Safety and Health Administration
PACM – Presumed asbestos-containing material
PCBs – Polychlorinated biphenyls
PLM – Polarized light microscopy
PRP – Potentially responsible party (pursuant to CERCLA 42 USC § 9607(a))
RCRA – Resource Conservation and Recovery Act (as amended, 42 USC § 6901 et seq.)
RCRIS – Resource Conservation and Recovery Act Information System
REC – Recognized environmental condition
ROC – Record of communication
RST – Registered storage tank
SACM – Suspect asbestos-containing material
SARA – Superfund Amendments and Reauthorization Act of 1986 (amendment to CERCLA)
SIC – Standard Industrial Classification
TEM – Transmission electron microscopy
TSDF – Hazardous waste treatment, storage or disposal facility
USC – United States Code
USEPA –United States Environmental Protection Agency
USGS – United States Geological Survey
UST – Underground storage tank

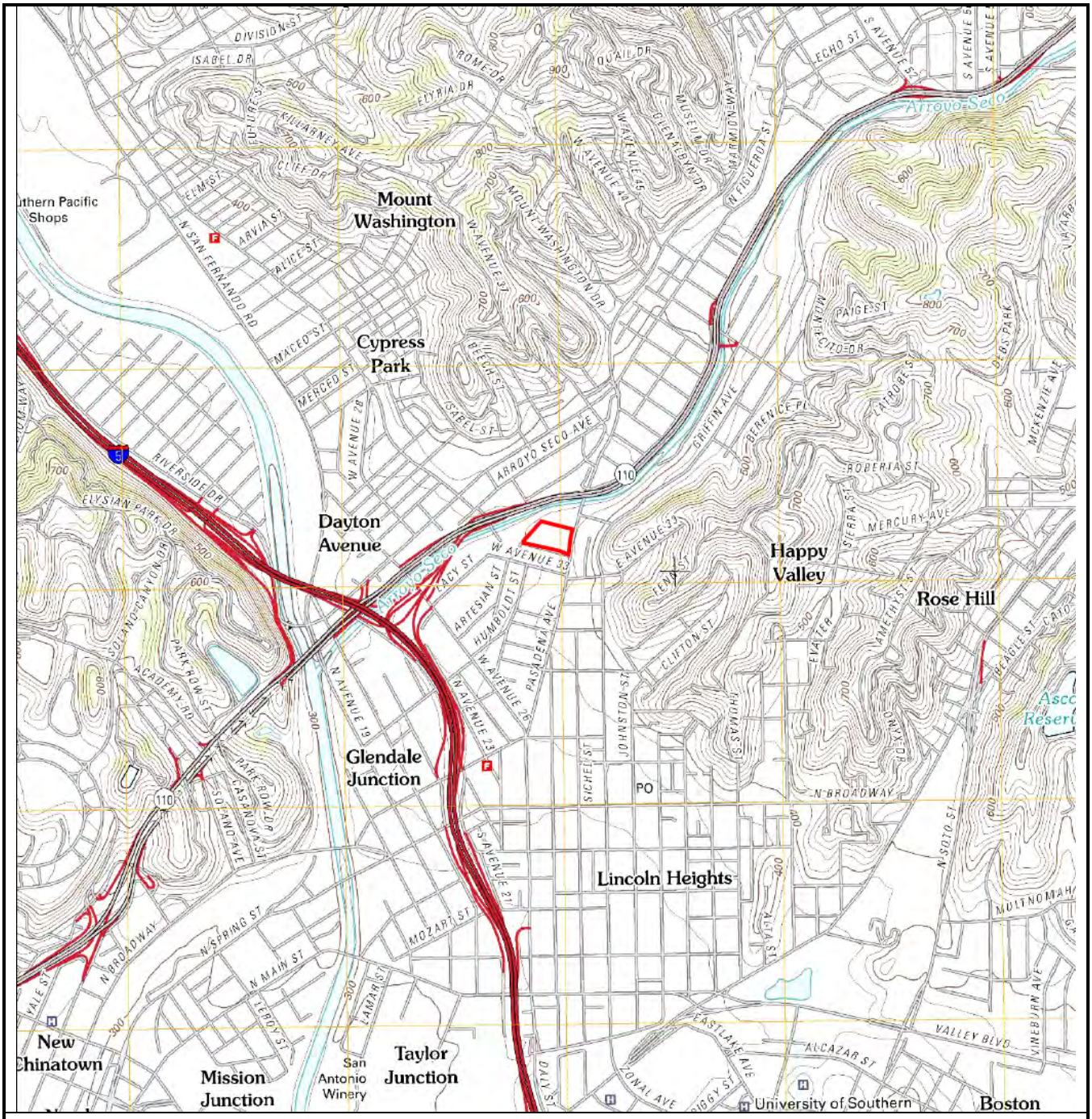


Figure 1: Site Location Map

(USGS 7.5-minute series Los Angeles, California 2012)

Project Number: 201906-5738	**Property Address:** 135, 141 &153 West Avenue 34; and 3401 & 3433 Pasadena Avenue Los Angeles, California 90031
Fulcrum Resources Environmental	

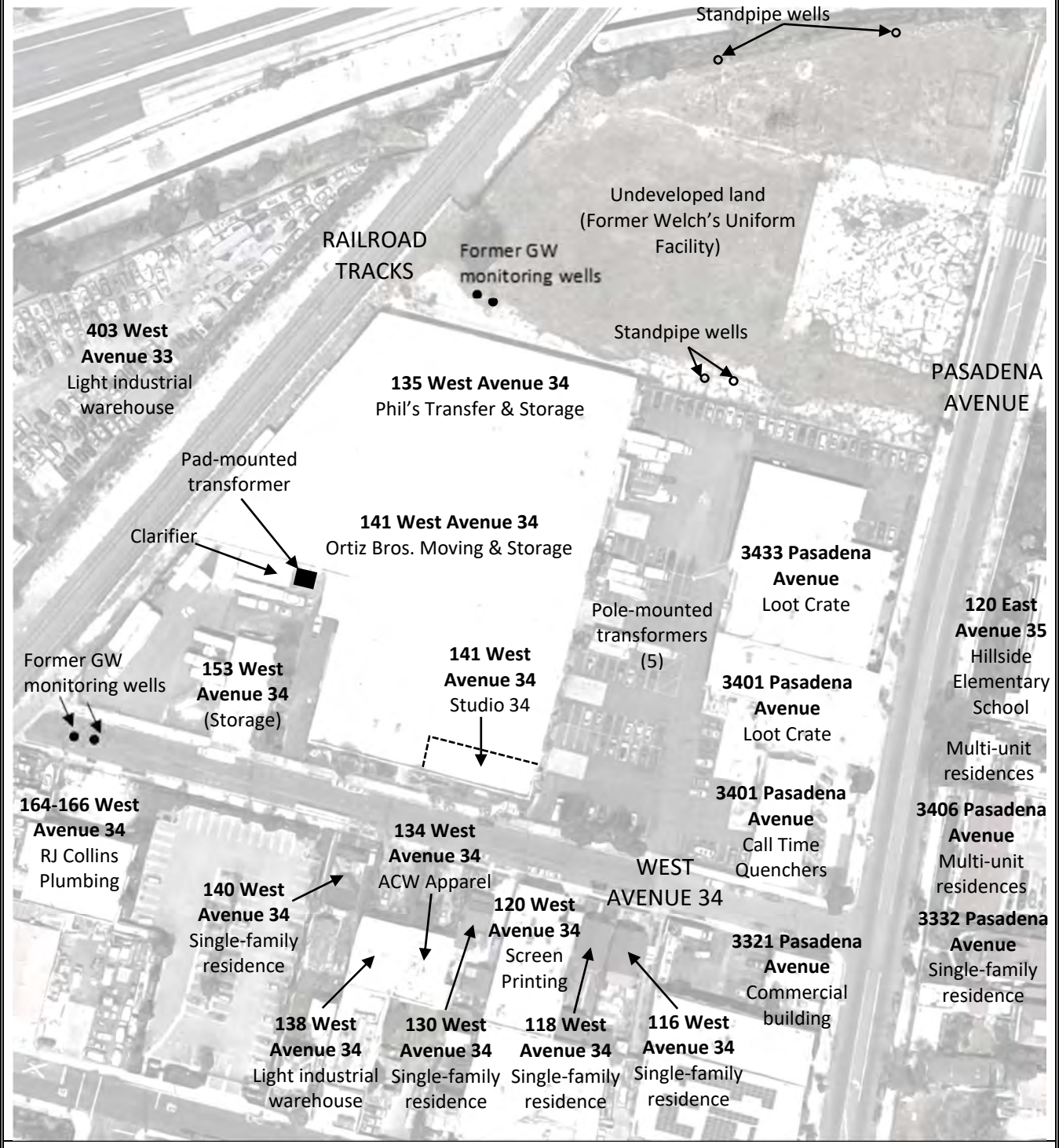


Figure 2: Subject Property Layout

Project Number: 201906-5738	**Property Address:** 135, 141 & 153 West Avenue 34 and 3401 & 3433 Pasadena Avenue, Los Angeles, CA 90031
Fulcrum Resources Environmental	

Figure 3: Subject Property Vicinity

Project Number: 201906-5738	**Property Address:** 135, 141 &153 West Avenue 34; and 3401 & 3433 Pasadena Avenue Los Angeles, California 90031	
Fulcrum Resources Environmental		

FIGURE 3 MAP LEGEND

Map ID (EDR)	Name	Address	Distance / Direction
A1	WILLIAM PILE ENTERPRISES	153 W AVE 34	TARGET PROPERTY
A2,4, 6, 15, 24, 26, 29, 32, 36	TOUCHSTONE PICTURES / AMERICAN CASTER CORP / TOMCATS / FIVE CONTINENT IMPORT / LIE TO ME / ABC SIGNATURE STUDIO / BATTLE OF THE SEXES / DREAMWORKS PRODUCTIONS	141 W AVE 34	TARGET PROPERTY
A3, 14, 21, 30	20TH CENTURY FOX / E D 1125 INC / ELASTIC COATINGS ORG / BOB BAKER PRODUCTION	3401 PASADENA AVE	TARGET PROPERTY
A5, 7, 10, 11, 13, 18, 19, 22,23, 25, 27, 28, 31, 35	JARDINERO PRODUCTION / BIRDDOG / WARNER BROS . ALL ABOUT STEVE MOVIE / SOUL PRODUCTIONS LLC / ORTIZ BROTHERS MOVING / STEP UP 3D / ORTIZ BROS MOVING / LOVE & BASKETBALL / NURSE BETTY PRODUCTIONS / 20TH CENTURY FOX / OLIVERS ARROW MOVIE	135 W AVE 34	TARGET PROPERTY
A8,9, 12, 16, 17, 20, 33, 34, 37	GONE GIRL / MONEYBALL / INFORMANT PRODUCTION / WARNER BROS HANGOVER / HOTEL FOR DOGS	3433 PASADENA AVE	TARGET PROPERTY
38	AMERICAN CASTER CORP	157 W AVE 34	HISTORIC TARGET PROPERTY
39		3445 PASADENA AVE	ADJACENT NORTH
40		3360 PASADENA AVE	ADJACENT EAST
B41-47	FORMER WELCHS UNIFORM UNIFORM SERVICES	3505 N PASADENA AVE	ADJACENT NORTH
C48-52	CALIFORNIA DEPARTMENT OF FOOD & AGRICULTURE	403 W AVE 33	ADJACENT WEST
F65-66	LAUSD - HILLSIDE ELEMENTARY	120 E AVENUE 35	ADJACENT EAST
D53-54	RUSSING ENGINEERING	211 W AVE 33	~165 ft south
D55-56	ADIN OF CALIFORNIA	119 W AVE 33	~165 ft south
E57	JS AUTOBODY	315 W AVE 33	~165 ft south
E58-60	G&G AIR CONDITIONING	311 W AVE 33	~165 ft south
F61-62	SMITH W P / CHUY CARBURATORS	3500 PASADENA AVE	~250 ft northeast
G63-64	LA DWP - DISTRIBUTION / DISTRIBUTING STATION	3436 N MARMION WAY	~385 ft north
H67-73	HEATH AND COMPANY / MAINTENANCE AND OPERATIONS	3225 LACY ST	~350 ft southwest
I74-78	ITT CANNON / KENNINGTON	3209 E HUMBOLDT ST	~600 ft south
79		3300 GRIFFIN AVE	~625 ft southeast
I80-81	SELF-REALIZATION FELLOWSHIP CHURCH	3208 HUMBOLDT STREET	~525 ft south
J82		3511 CARLOTA BLVD	~700 ft northeast
K83-86	LOS ANGELES USD LORETO ELEM SCHOOL	3408 ARROYO SECO AVE	~415 ft northwest
L87	SIMPLEX GRINNELL	2684 E LACY ST	~725 ft southwest
J88	MR DUNG THAI	3543 PASADENA AVE	~815 ft north
J89-90	JSL FOODS INC	3550 PASADENA AVE	~700 ft northeast
J91		3545-55 PASADENA AVE	~830 ft north
M92	LINE 765 RECEIVER	CYPRESS AVE & ARROYO	~835 ft west
M93	JORDAN NUCLEAR CO	3244 N ARROYO SECO	~835 ft west
J94-97	FLAVOR FOOD INC	3580 PASADENA AVE	~700 ft northeast
N98-N104	LINCOLN HEIGHTS DIST / P D D CONSTRUCTION M	3101 ARTESIAN ST	~730 ft southwest
L105	LA LACY STREET TRANS	2661 LACY ST	~1565 ft southwest
N119	NI WEST INCORPORATED	3011 HUMBOLDT STREET	~1125 ft south
S127	JAYBEE / AJAX MFG COR	301 WEST AVE 26	~1700 ft southwest
T129-130, W133	LACY STREET / LA CIT	400 W AVE 26	~1700 ft southwest
W134	PROPOSED AMCAL MULTI	306-360 W AVE 26	~1800 ft southwest
136, 145	BARON MANUFACTURING	241 AVENUE 26	~1800 ft southwest
W137	THE E B MALONE CORP	306-360 AVENUE 26	~1775 ft southwest

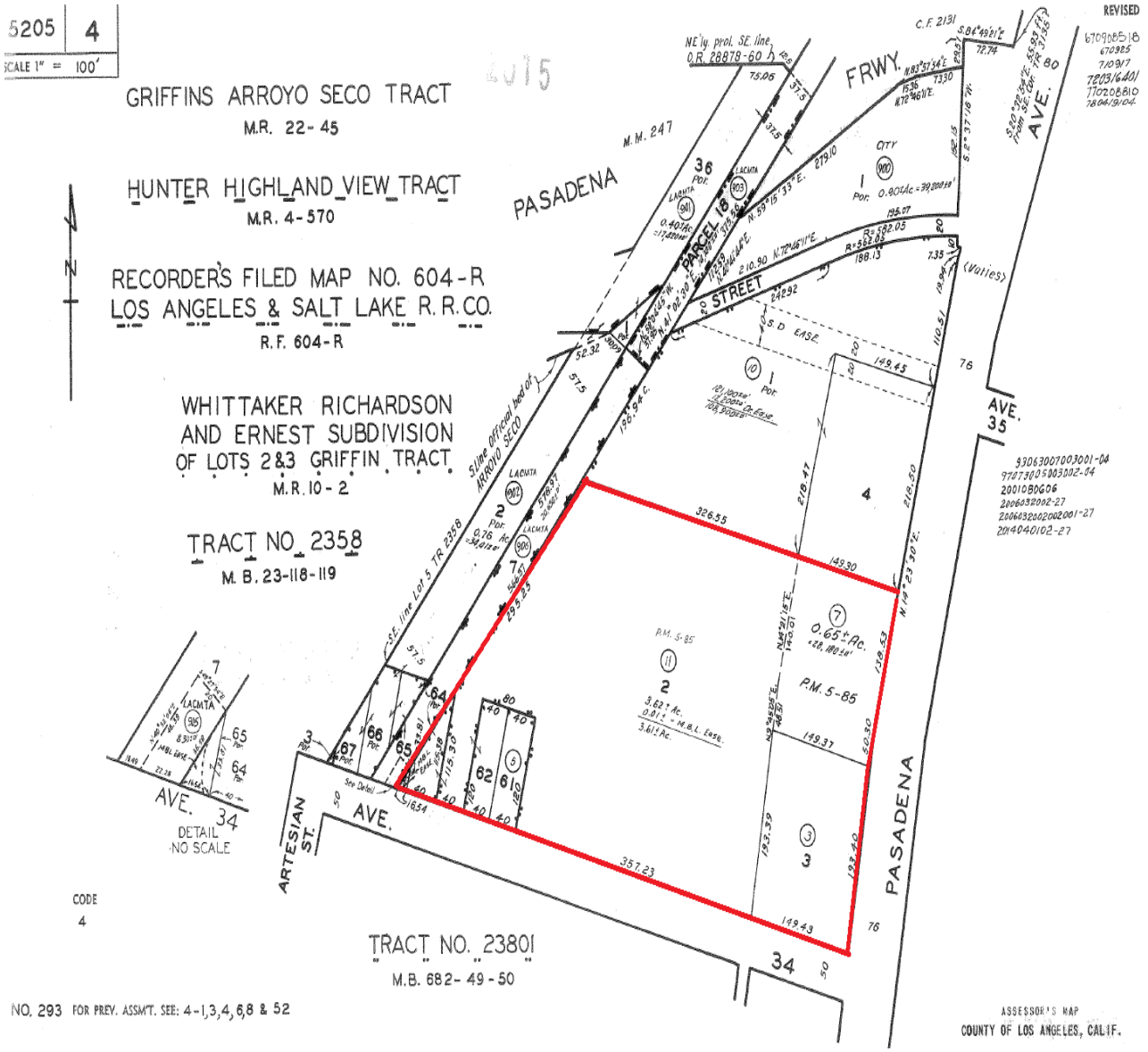


Figure 4: Parcel Map

Project Number: 201906-5738	**Property Address:** 135, 141 &153 West Avenue 34; and 3401 & 3433 Pasadena Avenue Los Angeles, California 90031
Fulcrum Resources Environmental	

Appendix A

Photographs

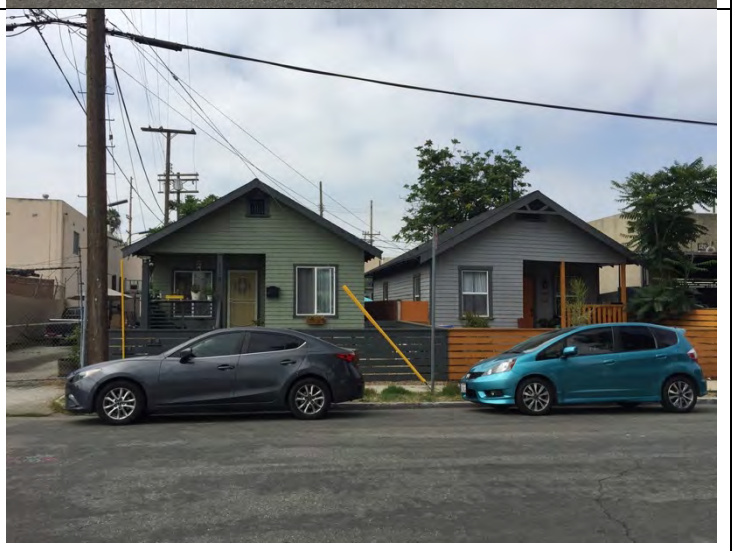
Photo 1. View of subject property parking lot and pole-mounted transformers and powerlines; northeast-facing view	
Photo 2. View of south adjacent property	
Photo 3. View of additional south adjacent properties; 116-118 West Avenue 34; single-family residences	

Photo 4. View of additional south adjacent property; 120 West Avenue 34	
Photo 5. View of additional south adjacent property; 138 West Avenue 34; light industrial warehouse	
Photo 6. View of additional south adjacent property; 140 West Avenue 34; single-family residence	

Photo 7. View of additional south adjacent property; 166-168 West Avenue 34; light industrial warehouses	
Photo 8. Railroad tracks located to the west of subject property	
Photo 9. View of location of former groundwater monitoring wells in West Avenue 34 public throughway	

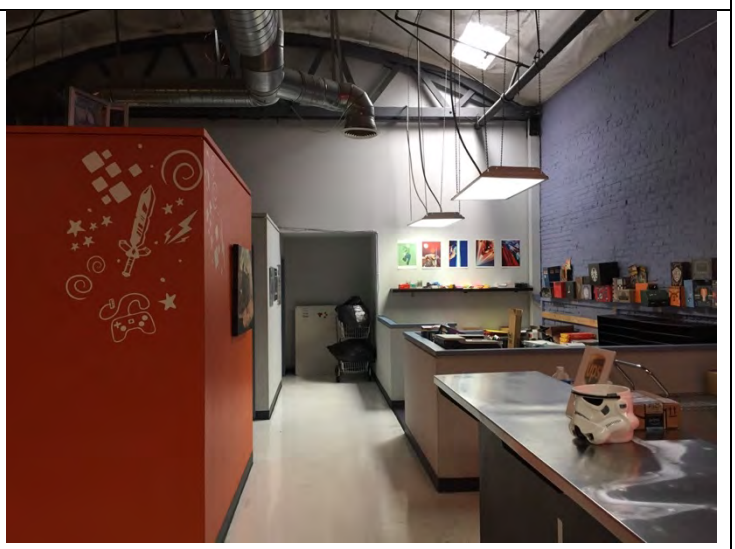
Photo 10. View of east adjacent properties across Pasadena Avenue	
Photo 11. View of entrance of 3401 Pasadena Avenue and additional parking area; north-facing view	
Photo 12. Interior view of 3401 Pasadena Avenue occupied by Loot Crate	

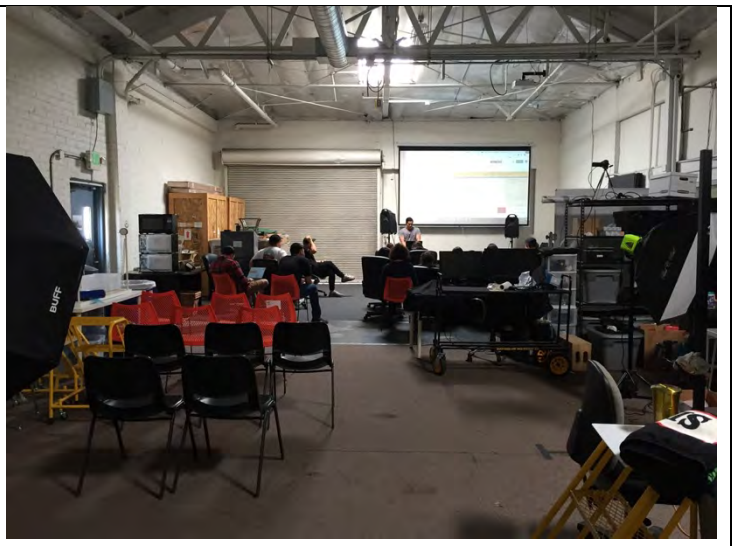
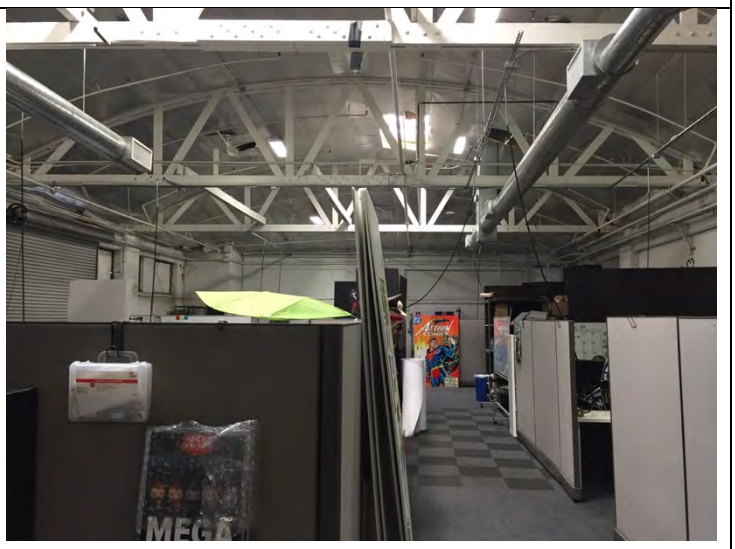
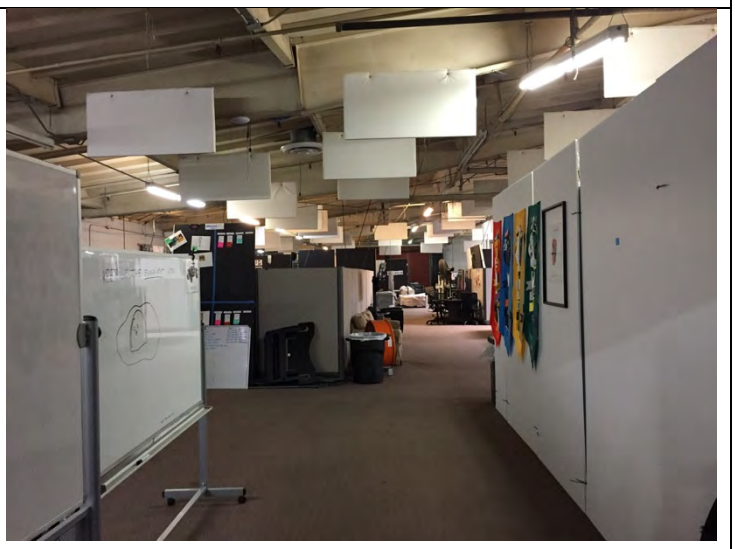
Photo 13. View of conference room in 3401 Pasadena Avenue; steel truss ceiling with exposed insulation; carpeted floor; concrete block walls	
Photo 14. Additional interior view of 3401 Pasadena Avenue	
Photo 15. Interior view of 3433 Pasadena Avenue; steel ceiling; hanging acoustic tiles; office space	

Photo 16. Additional interior view of 3433 Pasadena Avenue	
Photo 17. View of canopied parking area and northern boundary of subject property; west-facing view	
Photo 18. View of front of 135 West Avenue 34; Phil's Transfer & Storage	

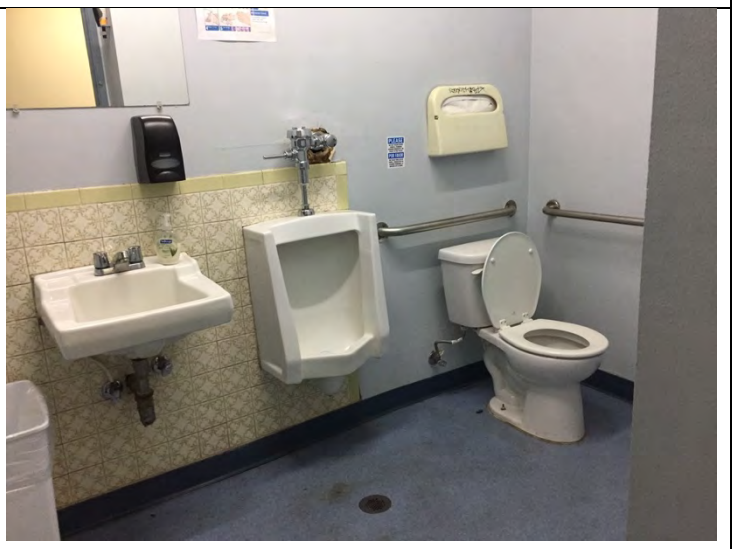
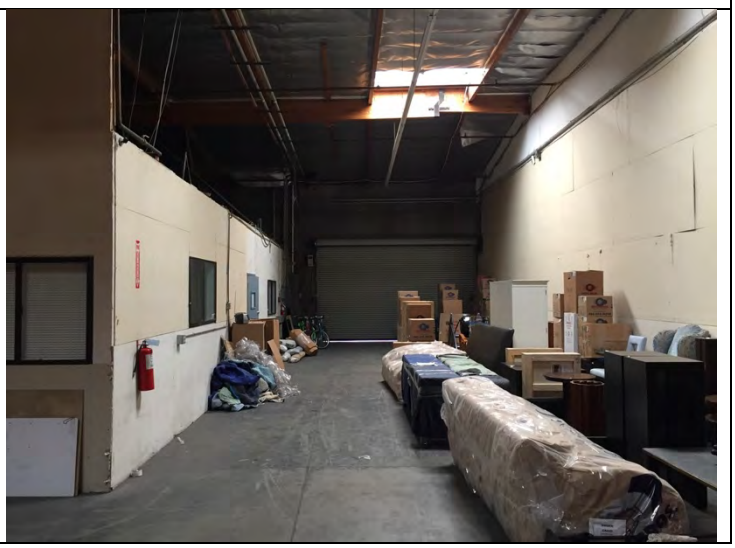
Photo 19. Interior view of 135 West Avenue 34; office space; ceiling tile in metal grid; linoleum tile flooring; drywall interior walls	
Photo 20. View of bathroom in 135 West Avenue 34	
Photo 21. 135 West Avenue 34 warehouse space and roll-up door	

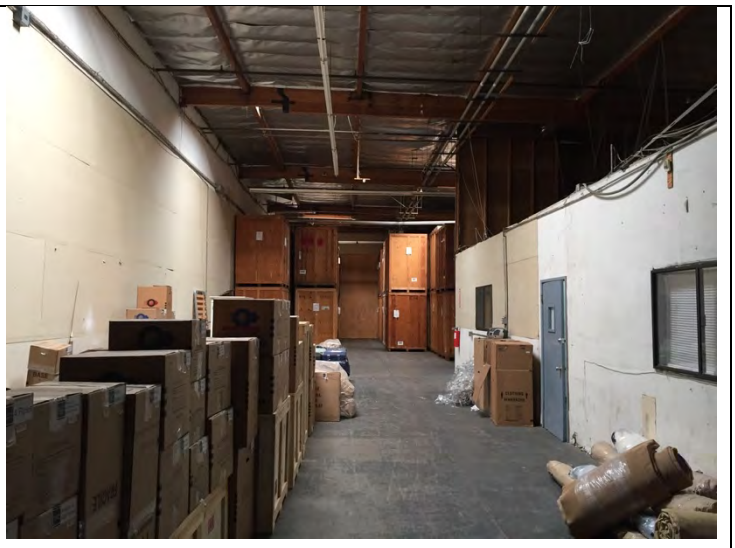
Photo 22. Additional view of 135 West Avenue 34 warehouse space; wooden crates for storage	
Photo 23. Warehouse space of 141 West Avenue 34; Ortiz Bros. Moving & Storage; stacked storage crates	
Photo 24. View of file storage shelves and storage crates in warehouse of 141 West Avenue 34	

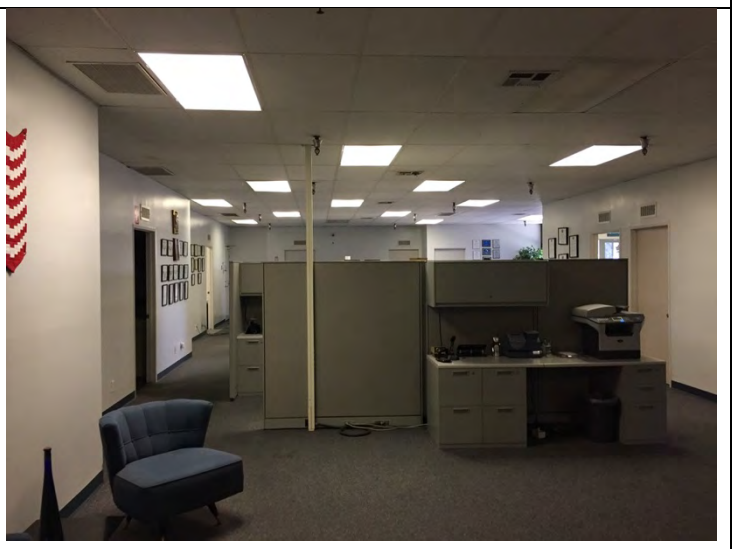
Photo 25. Additional view of file storage shelves and storage crates in warehouse of 141 West Avenue 34	
Photo 26. Office space in southern portion of 141 West Avenue 34; ceiling tile in metal grid; carpeted floor	
Photo 27. Caged pad-mounted transformer located in southwest portion of subject property	

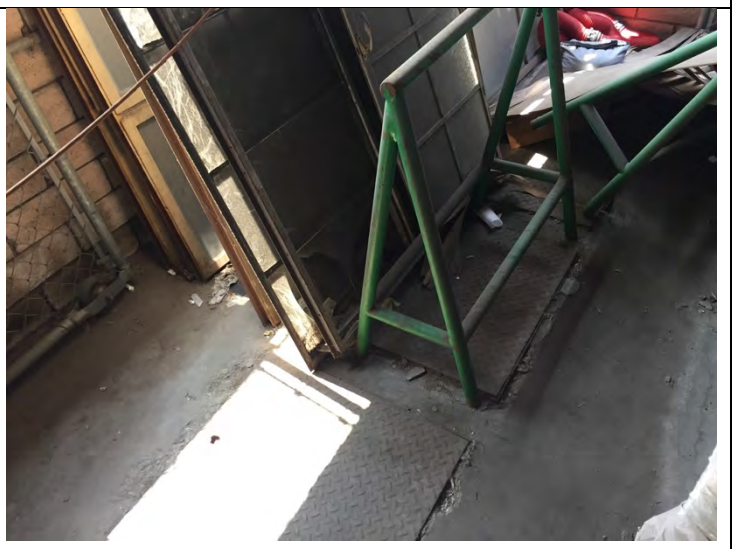
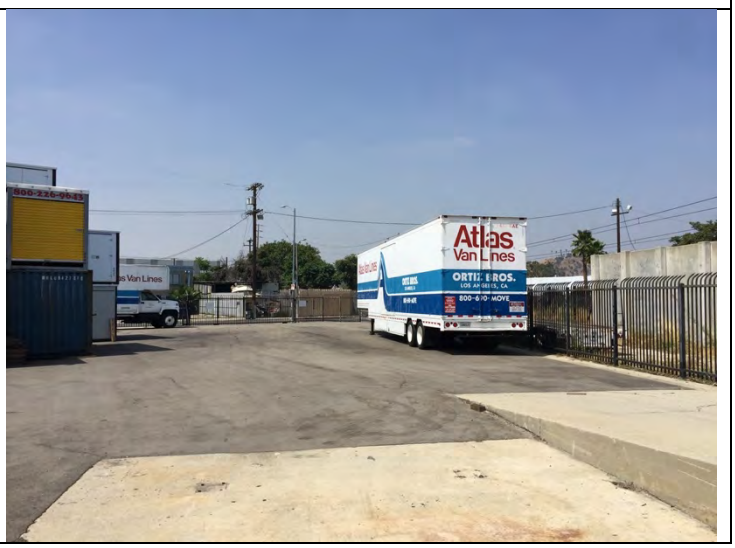
Photo 28. Canopied storage area near transformer in southwestern portion of subject property	
Photo 29. Three-stage clarifier in rear of canopied area	
Photo 30. Open storage space in southwestern portion of subject property	

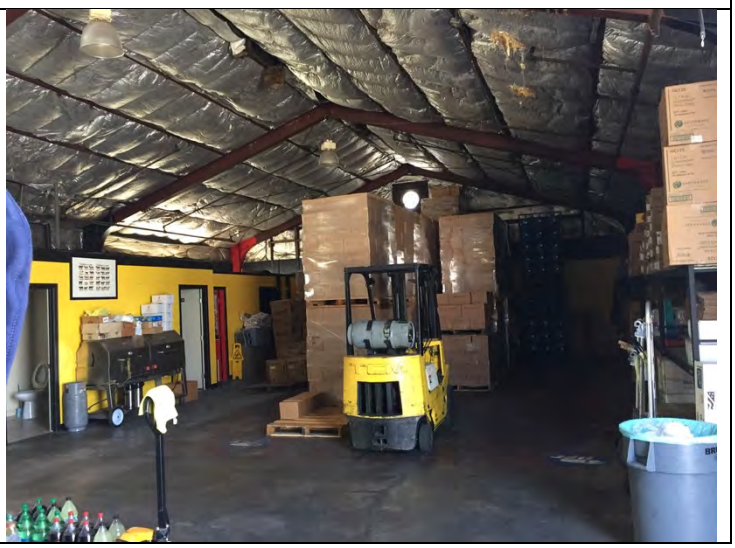
Photo 31. Interior view of 153 West Avenue 34; brick and corrugated steel warehouse used for storage; wood truss domed ceiling	
Photo 32. View of southern boundary of subject property; west-facing view	
Photo 33. Interior view of 3401 Pasadena Avenue warehouse occupied by Call time Quenchers; shipping and storage of water and beverages; concrete-slab floor; pitched roof	

Photo 34.View of concrete slab floor of 3401 Pasadena Avenue with floor drain underneath wooden pallet	
Photo 35. View of driveway/asphalt paved area between 153 West Avenue 34 and 141 West Avenue 34	
Photo 36. Standpipe wells observed on north adjoining property	

Appendix B

Historic Record Search

135 141 153 West Avenue 34; 3401 3433 Pasadena Ave

135 141 153 West Avenue 34; 3401 3433 Pasadena Ave

Los Angeles, CA 90031

Inquiry Number: 5694144.8

June 24, 2019

The EDR Aerial Photo Decade Package

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

06/24/19

Site Name:

135 141 153 West Avenue 34;
135 141 153 West Avenue 34;
Los Angeles, CA 90031
EDR Inquiry # 5694144.8

Client Name:

Fulcrum Resources Environmental
517 S. Ivy Avenue
MONROVIA, CA 91016
Contact: Rose Mireles

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

Year	Scale	Details	Source
2016	1"=500'	Flight Year: 2016	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2005	1"=500'	Flight Year: 2005	USDA/NAIP
2002	1"=500'	Flight Date: June 10, 2002	USDA
1994	1"=500'	Acquisition Date: May 31, 1994	USGS/DOQQ
1989	1"=500'	Flight Date: August 22, 1989	USDA
1983	1"=500'	Flight Date: November 19, 1983	EDR Proprietary Brewster Pacific
1977	1"=500'	Flight Date: April 25, 1977	EDR Proprietary Brewster Pacific
1970	1"=500'	Flight Date: February 08, 1970	EDR Proprietary Brewster Pacific
1964	1"=500'	Flight Date: July 28, 1964	USGS
1952	1"=500'	Flight Date: August 02, 1952	USGS
1948	1"=500'	Flight Date: July 10, 1948	USGS
1938	1"=500'	Flight Date: May 06, 1938	USDA
1928	1"=500'	Flight Date: January 01, 1928	FAIR
1923	1"=500'	Flight Date: January 01, 1923	FAIR

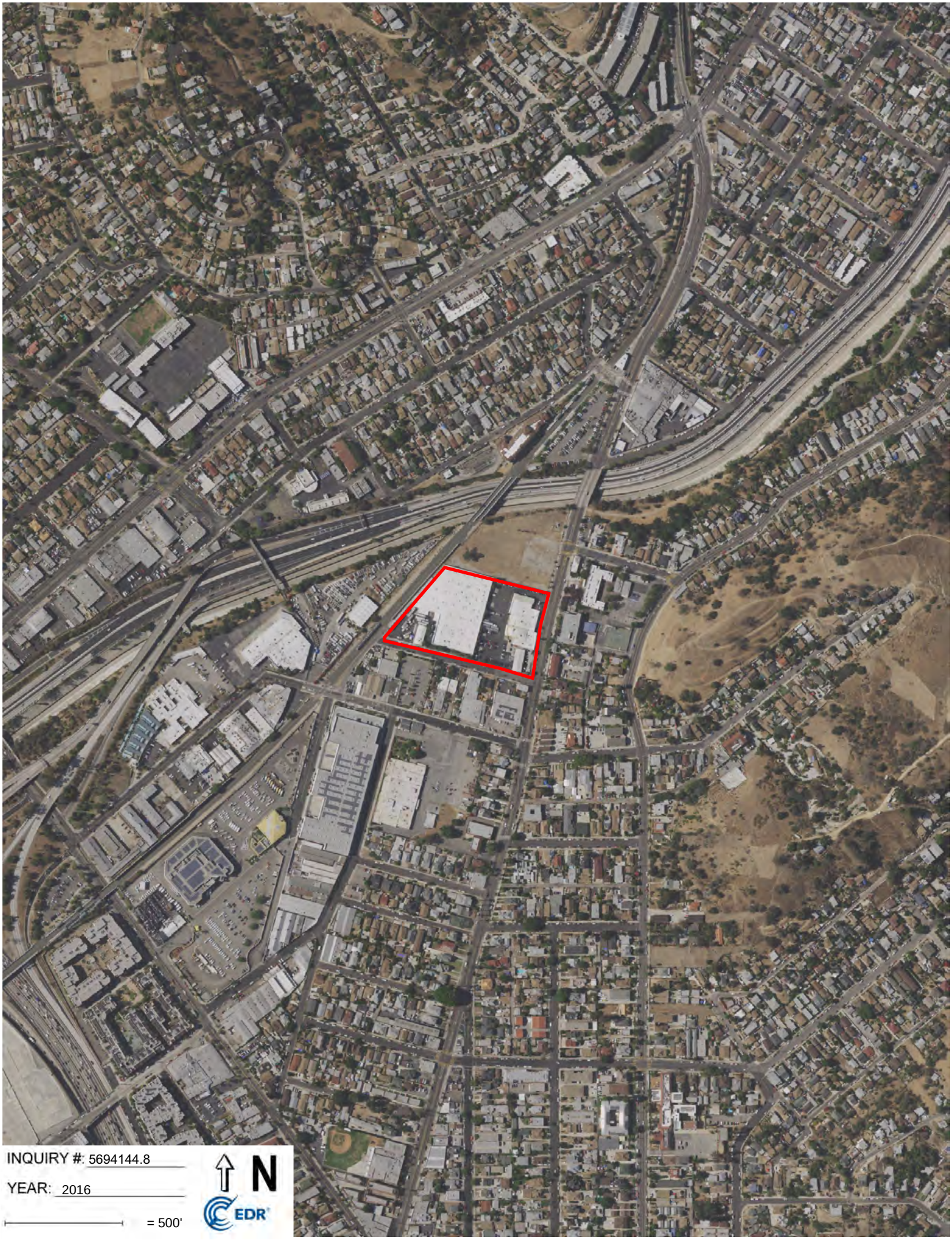
When delivered electronically by EDR, the aerial photo images included with this report are for ONE TIME USE ONLY. Further reproduction of these aerial photo images is prohibited without permission from EDR. For more information contact your EDR Account Executive.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2019 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.


INQUIRY #: 5694144.8
YEAR: 2016
= 500'
N
EDR

INQUIRY #: 5694144.8
YEAR: 2012
= 500'
N
EDR

INQUIRY #: 5694144.8
YEAR: 2009
= 500'
N
EDR

INQUIRY #: 5694144.8
YEAR: 2005
= 500'
N
EDR

INQUIRY #: 5694144.8
YEAR: 2002
= 500'
N
EDR

INQUIRY #: 5694144.8
YEAR: 1994
= 500'
N
EDR

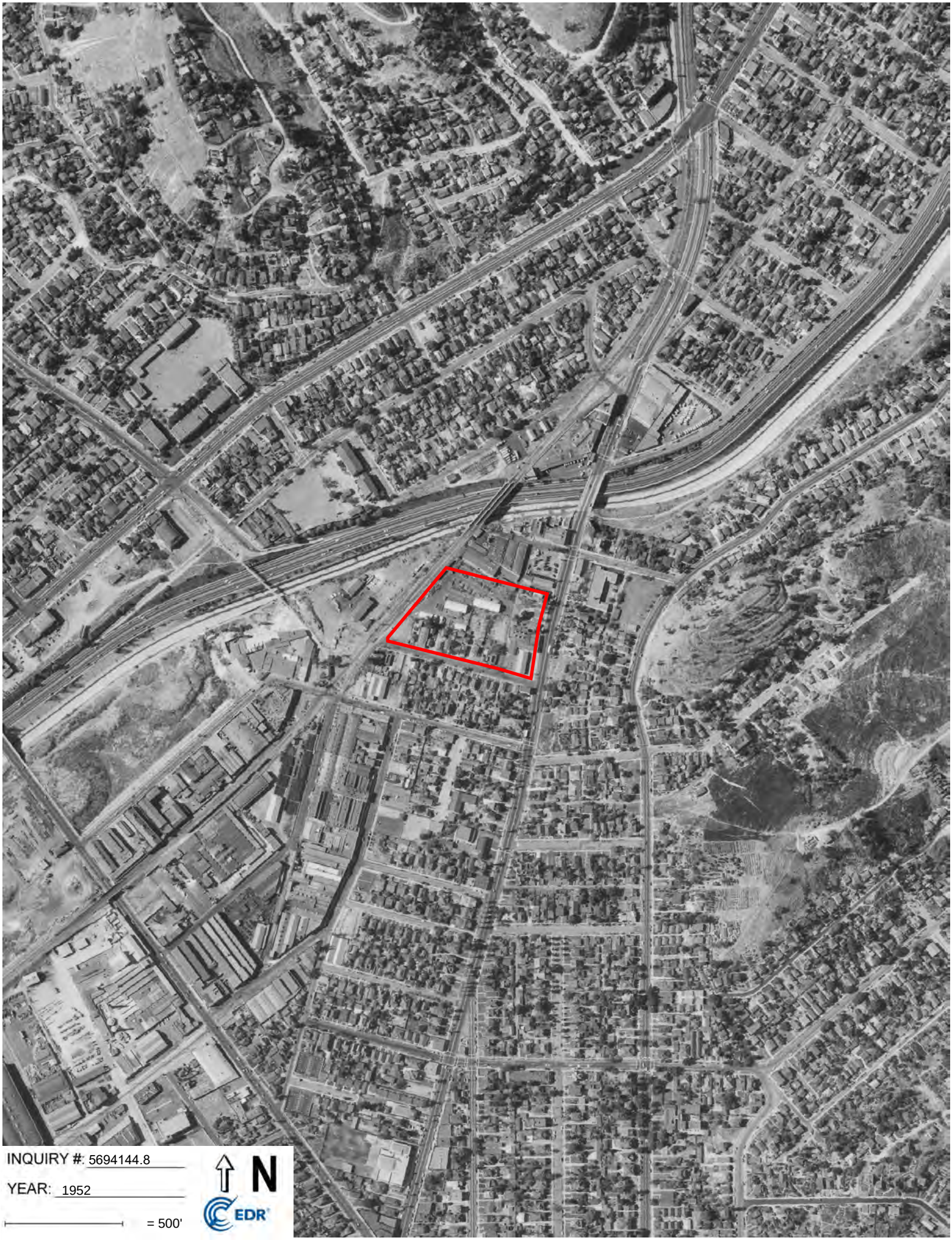
INQUIRY #: 5694144.8
YEAR: 1989
= 500'
N
EDR

INQUIRY #: 5694144.8
YEAR: 1983
= 500'
N
EDR

INQUIRY #: 5694144.8
YEAR: 1977
= 500'
N
EDR

INQUIRY #: 5694144.8
YEAR: 1970
= 500'
N
EDR

INQUIRY #: 5694144.8
YEAR: 1964
= 500'
N
EDR


INQUIRY #: 5694144.8
YEAR: 1952
= 500'
N
EDR

INQUIRY #: 5694144.8
YEAR: 1948
= 500'
N
EDR

INQUIRY #: 5694144.8
YEAR: 1938
= 500'
N
EDR

INQUIRY #: 5694144.8
YEAR: 1928
= 500'
N
EDR

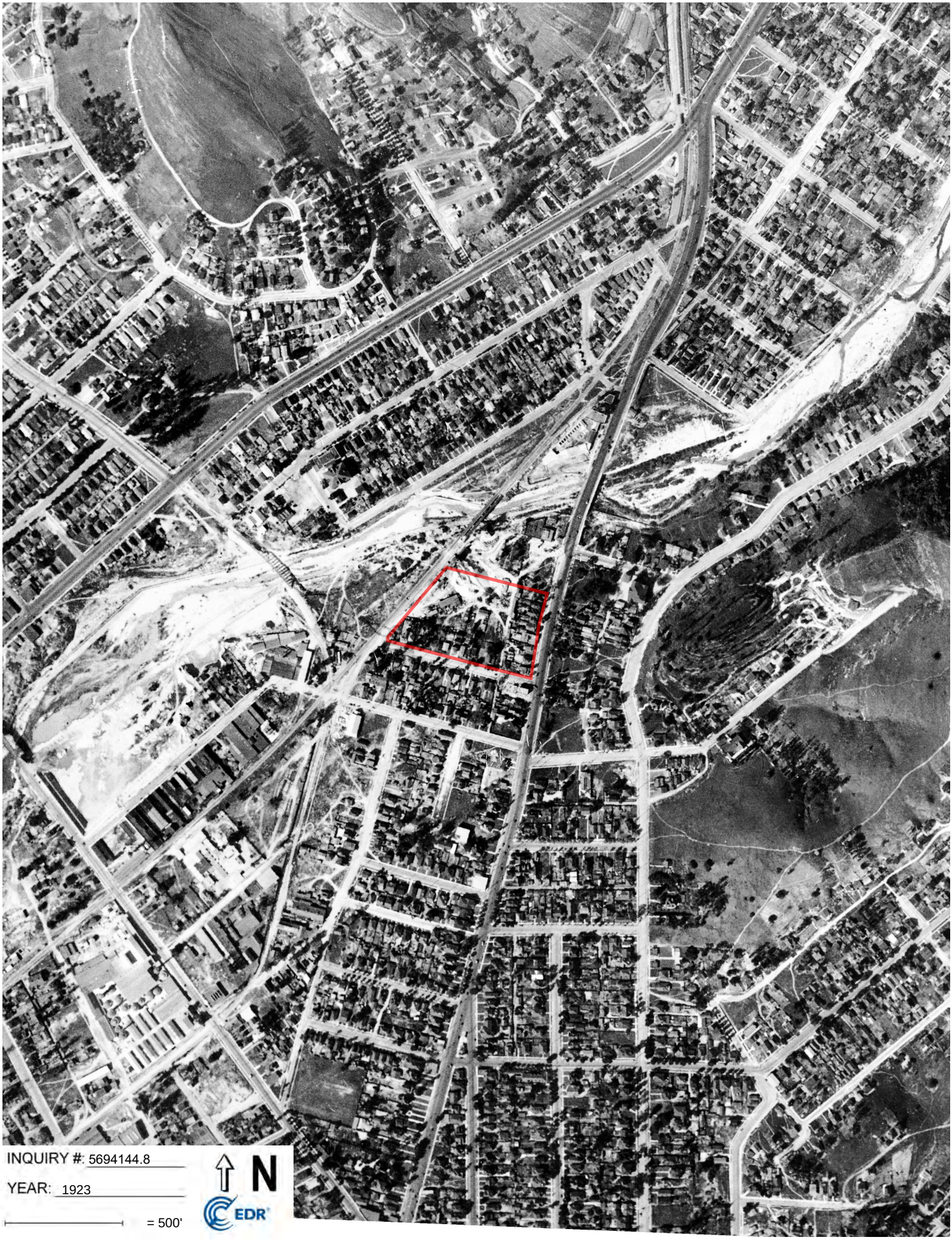

INQUIRY #: 5694144.8
YEAR: 1923
= 500'
N
EDR

Exhibit F

Welch’s Report 2007

Linda S. Adams
Secretary for
Environmental Protection

Department of Toxic Substances Control

Maureen F. Gorsen, Director
1011 North Grandview Avenue
Glendale, California 91201

Arnold Schwarzenegger
Governor

November 29, 2007

Mr. Jeffrey Otter
Project Manager
ENSR Corporation
999 W. Town & Country Road, 4th Floor
Orange, California 92868

SUPPLEMENTAL SITE ASSESSMENT REPORT AND SITE CONCEPTUAL MODEL UPDATE, FORMER WELCH'S UNIFORM FACILITY, 3505 PASADENA AVENUE, LOS ANGELES, CALIFORNIA

Dear Mr. Otter:

The Department of Toxic Substances Control (DTSC) has reviewed the Supplemental Site Assessment Report and Site Conceptual Model Update (SSAR/SCMU) dated September 2007 for the subject site.

Enclosed are the comments of the DTSC toxicologist and geologist on the SSAR/SCMU. The comments identified deficiencies in the SSAR/SCMUEA that require additional site characterization. Please submit Additional Site Characterization/Baseline Health Risk Assessment Workplan to DTSC by January 15, 2008.

If you have any questions, please contact Mr. Alberto Valmidiano, Project Manager, at (818) 551-2870 or me, at (818) 551-2980.

Sincerely,

for

Juli Oborne
Unit Chief
Southern California Cleanup Operations Branch – Glendale Office

Enclosures

cc: Mr. Joseph Peter
Environmental Manager
AmeriPride Services, Inc.
10801 Wayzata Boulevard
Minnetonka, Minnesota 55305

Printed on Recycled Paper

Linda S. Adams
Secretary for
Environmental Protection

Department of Toxic Substances Control

Maureen F. Gorsen, Director
1011 North Grandview Avenue
Glendale, California 91201

Arnold Schwarzenegger
Governor

MEMORANDUM

TO : Alberto Valmidiano
Project Manager
Site Mitigation Program

FROM : John A. Naginis, PG
Senior Engineering Geologist
Geological Services Unit

CONCUR : Craig Christmann, PG
Senior Engineering Geologist
Geological Services Unit

DATE : November 28, 2007

SUBJECT: Geologic Services Unit (GSU) review of Supplemental Site Assessment Report and Site Conceptual Model Update, Former Welch's Uniform Facility, 3505 Pasadena Avenue, Los Angeles, California, Dated September, 2007

PCA 12020 Site Code 301314-11 Log No.: 73050 Zip Code: 90031

As requested, GSU staff have reviewed the above referenced Site Assessment Report (Report) prepared by ENSR Corporation for AmeriPride Services Inc. The document reviewed contains summaries of investigations performed at a former uniform dry cleaning facility. This site has a long history of dry cleaning operations dating back to about 1920. The Report contains summaries of previous investigations and underground storage tank (UST) removals that were performed at the site beginning in 1987. The most recent investigation was performed during 2006.

GSU staff reviewed the Report for conformance with DTSC guidance and for internal consistency. This memorandum contains general comments regarding overall Report contents as well as detailed comments regarding specific portions of the Report.

Questions regarding this memo should be directed to John Naginis at (818) 551-2194.

General Comments

1. Nature and Extent of Contamination

While four areas of concern (AOC) have been identified on the site, the nature and extent of contamination is not well documented in the Report, and it appears that additional investigation is required to fully characterize the site. The 2001 soil gas survey collected data from a single depth, and results of the soil gas survey did not correlate well with vadose zone contamination. For example, soil gas sampling points 40 and 42 were located on the southern and northern sides of the Area 2 vadose zone perchloroethylene (PCE) plume, and neither soil gas point detected PCE. GSU staff recommend installing multi-depth soil gas probes to fully characterize the areas of concern and to evaluate areas of the site where analytical data is not available. Once analytical data from the multi-depth soil gas survey is evaluated, the need for any additional soil matrix sampling and volatile organic compound (VOC) analytical testing can be determined.

2. Area of Concern #1 – Investigation Summary

Based on the condition of the UST removed from this area, observed soil staining, and the presence of non-aqueous phase liquids (NAPL) in this area, it is apparent that a release has occurred. The Report does not provide data to support the conclusion that this release has been characterized and remediated. A summary of investigation and remediation data that describe subsurface conditions in AOC #1 should be included in a future report or investigation workplan. The summary should be of sufficient detail to evaluate whether additional investigation or cleanup is needed.

3. Area of Concern #2 – Vertical Extent of Contamination and Remediation

A release beneath the former PCE tanks has been documented and the lateral extent of contamination has been well delineated in the vadose zone. However the vertical extent of the contamination has not been delineated. Soil sampling was conducted down to the water table, but the investigation did not extend below the water table. Due to the high concentrations of PCE and trichloroethylene (TCE) detected in soil at the water table, and the dense nature of these contaminants, the vertical extent of contamination below the water table requires delineation.

PCE and TCE contamination in Area of Concern #2 presents an ongoing source of groundwater contamination, consequently, the extent of contamination should be fully delineated and active remediation implemented.

4. Area of Concern #3 – Source of VOCs in MW-16

Well cluster MW-16, consisting of wells MW-16A, MW-16B and MW-16C, is located in AOC #3. Groundwater samples from Well MW-16A contain high concentrations of cis-1,2-Dichloroethylene (c-DCE). Soil gas and soil matrix sampling and analytical testing should be performed at AOC #3 to determine the extent of the vadose zone VOC source in this area and collect data necessary to implement an effective remedial effort.

5. Area of Concern #4 – Confirmation of Soil Gas Contamination

PCE was detected in the southwest corner of the former Welch's Uniform facility in soil gas during the 2001 soil gas survey, and also in soil matrix at boring SB-35. Multi-depth soil gas probes should be installed in AOC #4 to delineate the nature and extent of contamination within soil gas. Once analytical data from the multi-depth soil gas survey is evaluated, the need for any additional soil matrix sampling and VOC analysis can be determined.

6. GSU Conclusions

The current submittal does not fully address the nature and extent of contaminants detected at the site. An investigation workplan should be submitted that addresses the comments in this memo, and includes a proposed scope of work to delineate the lateral and vertical extent of contaminants in soil and groundwater.

The Report states that AmeriPride, the current property owner, is seeking a soil closure from DTSC to facilitate property development, and monitored natural attenuation (MNA) is proposed as the sole remedial alternative. While MNA will most likely be utilized as part of the remediation effort, based on VOC and total petroleum hydrocarbon (TPH) concentrations detected in soil and groundwater, active remediation of the vadose zone and groundwater at the Former Welch's Uniform site is warranted and should be implemented.

Detailed Comments

Section 2.9 – Current Status

This section states that three wells MW-4, MW-11 and MW-12 are listed as being out of service due to well boxes and well heads being destroyed by Los Angeles City Street services personnel removing trash and vegetation from the site. The Report should be revised to state if these wells have been properly destroyed. If not, plans should be submitted to DTSC to locate the well heads, properly destroy the wells and evaluate whether the wells need to be replaced.

Section 4.3 Soil Assessment Results

Environmental screening levels (ESLs) were developed for various exposure pathways using Regional Water Quality Control Board, San Francisco Region (San Francisco Water Board), criteria. The ESLs are not appropriate for this site because ESLs were developed by the San Francisco Water Board, for sites in the San Francisco area. The site is located in Los Angeles, and should be evaluated based on criteria developed by the Regional Water Quality Control Board, Los Angeles Region (LA Water Board). Maximum Soil Screening Levels calculated using the methodology developed by the LA Water Board should be used to evaluate TPH and VOC concentrations in vadose zone soil. Maximum soil screening levels can be calculated using Chapters 4 and 5 of the LA Water Board publication Remediation Guidance for Petroleum and VOC Impacted Sites, Section II, dated May, 1996.

Figure 16 – Cross Section E-E'; Variation in Groundwater Elevation

As shown in Figure 16, the groundwater elevation drops by about 30 feet in a distance of about 50 feet, between boring SB-6 and monitoring well MW-1, then rises about 30 feet within a distance of 10 feet between MW-1 and boring CB-5. This change in groundwater level over such a short distance implies that there are two distinct aquifers in the northern section of the site, and there is a strong downward vertical gradient between the two aquifers. Strong vertical gradients between depth intervals, as observed at MW-1, usually indicate some type of relatively low permeability structure separating different portions of an aquifer, or separating two different aquifers.

The strong vertical gradient shown on Figure 16 does not appear to correlate with groundwater data collected from wells in the MW-16 well cluster, MW-16A, MW16B, and MW-16C. Groundwater elevation data from the MW-16 well cluster show a slight variation in groundwater elevations at different depths with a much weaker upward vertical gradient.

Monitoring wells MW-2 and MW-3 have relatively long screen intervals that extend from the water table to the depth of the bottom of MW-1. If there is some low permeability structure causing the vertical gradient shown on Figure 16, then these two wells are providing a hydraulic connection between two distinct portions of the aquifer, and may be causing contamination to spread vertically through the aquifer. Investigation regarding the nature of aquifer is required to evaluate if there is a low permeability unit separating different portions of the aquifer. If a low permeability unit is present, then any wells with screens that cross this unit need to be properly destroyed and replaced with wells that have screens located above and below the low permeability unit.

Linda S Adams
Secretary for
Environmental Protection

Department of Toxic Substances Control

Maureen F. Gorsen, Director
1001 "I" Street
P O Box 806
Sacramento, California 95812-0806

Arnold Schwarzenegger
Governor

TO: Alberto Valmidiano
Project Manager
Department of Toxic Substances Control
Glendale, California

FROM: Chawn Y. (CY) Jeng, Ph.D.
Staff Toxicologist
Human and Ecological Risk Division

DATE: November 1, 2007

SUBJECT: Review of Supplemental Site Assessment Report and Site Conceptual Model Update, Former Welch's Uniform Facility, Los Angeles, California.

PCA: 12020 Site Code: 301314-11

The Human and Ecological Risk Division (HERD) reviewed the "Supplemental Site Assessment Report and Site Conceptual Model Update" for the Former Welch's Uniform Facility located at 3505 Pasadena Avenue in Los Angeles, California. The report was prepared by ENSR Corporation on behalf of AmeriPride Services Inc. Comments on the report are described below.

Background

The subject site is a 2.6 acre property located in a low-density, mixed residential and industrial area, approximately 3.5 miles northeast of downtown Los Angeles. It was formerly a uniform laundry service facility established in 1924, which operated until approximately 1988. At least 12 underground storage tanks (USTs) were in service at the site; they were removed or filled in-place between 1987 and 2004. All buildings associated with previous operations were removed in 1993 and the site is now a vacant lot with a chain link fence and locking gate. The current site owner AmeriPride is seeking a soil closure to facilitate development of the property, and is considering building a 30,000 ft^2 Apparel Center on the property.

The principal chemicals of concern at the site are chlorinated solvents (PCE, TCE, and cis-1,2-DCE) and petroleum hydrocarbons, which are associated with previous dry cleaning, boiler, and vehicle fueling activities. This Report describes supplemental site assessment activities completed in 2006, and presents an updated site conceptual model based on the assessment findings. The site assessment activities were

conducted under the oversight of the Los Angeles Regional Water Quality Control Board (LARWQCB), and site oversight responsibilities were transferred to DTSC on December 27, 2006.

Document Reviewed

HERD reviewed, "Supplemental Site Assessment Report and Site Conceptual Model Update, Former Welch's Uniform Facility, 3505 Pasadena Avenue, Los Angeles, California." prepared by ENSR Corporation, dated September 2007. It was received by HERD on October 2, 2007.

Scope of Review

HERD's review of the above documents was focused on the adequacy of current data to support a reliable health risk evaluation for determining what further actions are needed. HERD didin't review previous investigation reports to verify the quality and accuracy of the data and other site-related information presented in the current report. Minor grammatical or typographical errors that do not affect the review have not been noted.

General Comments

Overall, HERD found that the work performed to date provides useful information on the nature and extent of the chemical impacts at most of the site. However, the current report does not contain adequate information to demonstrate that certain areas have been adequately characterized, and additional sampling is recommended to complete characterization in these areas. HERD also identified several apparent deficiencies that could introduce significant uncertainties in the risk evaluation results and should be addressed in future work. Once sufficient data are gathered for the site, HERD recommends performing a health risk assessment to support a decision on site cleanup. Below are some general comments for the report:

1) HERD recommends summarizing all relevant soil data (i.e., data collected after the free-product removal and soil vapor extraction) of key chemicals by presenting them in data-box figures to show their areal extents. Some of this information is presented in Section 5, but is limited to only the 2006 data for PCE in the solvent area. Such information is needed for other chemicals and areas to facilitate HERD's understanding on the contaminant distributions at the site. In addition, HERD could not find several soil boring locations referenced in these sections (e.g., SB-1, SB-26, CB-3, and CB-4) on any of the figures. Depending on the review of these figures and additional information on the AOCs (see Specific Comments 2, 6, 7, and 8), collection of additional samples may be necessary to adequately characterize the extents of the contamination laterally and vertically.

2) HERD does not recommend estimating the residual mass of COPCs for use in risk calculations for the following reasons: a) the current report does not show that lateral and vertical delineation has been completed in each of the source areas (including the mass that may be trapped in the smear zone near water table); and b) the estimated residual mass cannot be verified since information regarding the approximate total mass of chemical releases is not available. If the above information becomes available and this approach is to be proposed in the future, HERD requests that the chemical mass calculations and supporting information be submitted to DTSC for review prior to its use in risk calculations.

3) HERD recommends collecting soil gas data within each area of concern (AOC) to verify the previous soil gas sampling results and for use in health risk assessment. HERD notes that the 2001 soil gas survey was conducted on a site-wide basis and the placement of the probes was not necessarily biased toward known or suspected sources. Further, all samples were collected from a single depth (10 ft bgs or less) only. Therefore, HERD recommends installing multi-depth soil vapor probes in each area of concern (AOC) and collecting samples for VOC analysis in accordance with the Advisory – Active Soil Gas Investigations (DTSC/LARWQCB 2003).

4) HERD recommends that all detected organic compounds be retained as chemicals of potential concern (COPCs) for the purpose of health risk assessment. Metal concentrations detected above the background levels should also be retained as COPCs and included in the risk assessment. In addition, HERD recommends analyzing for organic lead (e.g., tetramethyl lead and tetraethyllead) in the vehicle fuel-impacted areas since leaded gasoline was used in the U.S. until 1990's.

   HERD notes that total petroleum hydrocarbons (TPH) are considered as COPCs for the site. HERD recommends following the Interim Guidance for Evaluating Total Petroleum Hydrocarbons at School Sites when evaluating TPH in the risk assessment. Please check with the HERD staff for information on the TPH guidance.

5) HERD does not accept the comparison of site data with the Environmental Screening Levels (ESLs) for sites in southern California. Instead, HERD advises using California Human Health Screening Levels (CHHSLs) and USEPA Region 9 Preliminary Remediation Goals (PRGs) (for chemicals without the CHHSLs) for the purpose of health-based risk screening. It should be noted that HERD does not recommend using generic risk-based criteria in risk assessment, and recommends evaluating the cumulative cancer risks and noncancer hazards for all COPCs using appropriate exposure parameters and toxicity values. All relevant data collected from the source and general site areas should be included in the risk evaluation for determination on risk-based closure.

6) HERD notes that groundwater concentrations of several chemicals are higher than the California MCLs for drinking water. As a result, groundwater cleanup may be required if the shallow aquifer beneath the site is designated for beneficial uses by the Regional Water Quality Control Board. HERD has not reviewed the information regarding groundwater designation and defers to the Program regarding groundwater designation in the area and the need for groundwater cleanup.

Specific Comments

1) Section 2.8.4: HERD recommends including available information on underground utilities at and near the site as these utility corridors may act as soil vapor migration pathways.

2) Section 2.8.5: HERD recommends presenting available information regarding the two aboveground storage tanks located on the west side of the former South Building. If information gaps exist, additional data should be collected to complete the understanding of this area.

3) Section 3.0: Please specify the type(s) of free product (e.g., LNAPL or DNAPL) found in wells K-1, K-2, MW-1, and MW-3 through MW-7 during the previous investigations, and provide a figure showing the extraction well locations and treatment areas of the soil vapor extraction systems operated in the early 1990's.

4) Section 4.3.1: Please provide a figure showing the proposed grid design for soil sampling in the source and general site areas.

5) Section 4.4.3: HERD recommends including concentrations of daughter products (e.g., cis-1,2-DCE and vinyl chloride) in the graphs to illustrate the occurrence of degradation. The table numbers cited in the last paragraph are incorrect, and should be corrected.

6) Section 5.1.1: HERD recommends identifying the vehicle maintenance area on Figure 3 and summarizing the data that are relevant to this area. If data gaps exist, additional investigation should be performed to complete the understanding of this area.

7) Section 5.1.4: HERD recommends additional investigation at AOC 4 regarding the elevated PCE concentrations in soil gas encountered during the 2001 sampling. HERD refers to the GSU for recommendations on specific sampling needs in this area.

8) Section 5.3.2: The PCE iso-concentration plots (Figures 10 through 13) indicate that two separate sources may exist in AOC 2, one in the former UST 5A to 9A

area, and the other in the former UST 5B to 9B area. Additional information is needed to illustrate and understand the extent of PCE impacts in this area.

9) Section 5.4.1: HERD does not recommend calculating health risks using the finite mass approach at this point (see General Comment 1). In addition, HERD does not agree with the input parameters for soil properties used in the vapor intrusion modeling calculations, and recommends using default soil properties that correspond to the predominant soil type at the site (see Specific Comment 16). Finally, HERD does not concur with the elimination of AOC 4 from the relevant exposure pathways since this area has not been fully characterized (see Specific Comment 6), and recommends retaining in the screening risk evaluation.

10) Section 5.4.2: HERD recommends using default soil properties that correspond to the predominant vadose zone soil type near the site in the screening level risk evaluations (see Specific Comment 16).

11) Section 5.4.3: HERD recommends evaluating potential exposures of outdoor workers via contact to soil using soil sampling results down to 10 feet below the surface. The site conceptual model should be revised accordingly. Alternatively, a soil management plan can be implemented as part of site control to prohibit excavation and reuse of the shallow soil at the site.

12) Section 5.4.4: HERD recommends evaluating potential exposures of construction workers via contact to soil and/or groundwater using sampling results down to the possible maximum depth of subsurface excavation. Depending on the results of this evaluation, proper health and safety procedures should be followed during construction activities.

13) Section 5.4.5: See the comments on onsite indoor workers (Specific Comment 9) and onsite outdoor workers (Specific Comment 11).

14) Section 5.4.6: HERD recommends using default soil properties that correspond to the predominant vadose zone soil type near the site in the screening level risk evaluations (see Specific Comment 16).

15) Section 6.0: HERD recommends revising the summary and conclusions to reflect changes to be made based on the above comments. HERD notes three proposed offsite monitoring wells were not installed due to constraints cited in the report. HERD refers to the Program and the GSU regarding the need for installing new monitoring wells at alternate offsite locations.

16) Appendix L: HERD recommends using default soil properties (i.e., bulk density, total and water-filled porosities, and soil vapor permeability) corresponding to the predominant soil type at the site in the screening evaluation. HERD notes that only

one soil sample was collected from the boring SB-35 at 15 ft bgs and analyzed for soil geophysical properties, which were used in the Johnson and Ettinger Model for calculating health risks associated with vapor intrusion. Further, the testing results for this sample (Appendix J) do not appear to match general soil characteristics for the shallow soil at the site, i.e., gravelly sand or sandy gravel with low moisture content (based on the information presented in Figures 5 and 6, Table 9, and Appendix F). As a result, the calculated health risks would be higher if the soil geophysical properties representative of the site soil type were used instead. A site-specific evaluation will be considered only if sufficient samples are collected to obtain representative soil geophysical properties for the site.

Conclusions and Recommendations

While HERD found that the work performed to date useful in understanding the nature and extent of the chemical impacts at the site, the current report does not include sufficient information to support a soil-only closure for the site. Additional activities are required to further characterize certain areas and to reduce the uncertainties associated with the risk evaluation. Following completion of these additional activities, HERD recommends an updated health risk evaluation to support a decision on site cleanup.

HERD notes that the recommendations made in this memorandum are site specific and should not be construed as a policy decision applicable to other sites. If you have additional questions please feel free to contact me at (714) 484-5359 or cjeng@dtsc.ca.gov.

Reviewed by:

Gerald A. Pollock, Ph.D., DABT
Senior Toxicologist
Human and Ecological Risk Division

ag 9 for "GAP"

Exhibit G

Welch’s Report 2008

Final
Additional Site Characterization and Baseline Health Risk Assessment Workplan
Former Welch's Uniform Facility
3505 Pasadena Avenue
Los Angeles, California
CalStars Site Code 301314

ENSR Corporation
May 2008
Document No.: 10770-003-601

ENSR | AECOM

Prepared for:

AmeriPride Services Inc.
10801 Wayzata Boulevard
Minnetonka, Minnesota 55305

Final
Additional Site Characterization and Baseline Health Risk Assessment Workplan
Former Welch's Uniform Facility
3505 Pasadena Avenue
Los Angeles, California
CalStars Site Code 301314

Prepared by:

ENSR Corporation
999 W. Town and Country Road, 4th Floor
Orange, California 92868

May 2008

Document No.: 10770-003-601

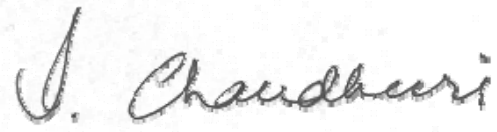
ENSR | AECOM

Final
Additional Site Characterization and Baseline Health Risk Assessment Workplan
Former Welch's Uniform Facility
3505 Pasadena Avenue
Los Angeles, California

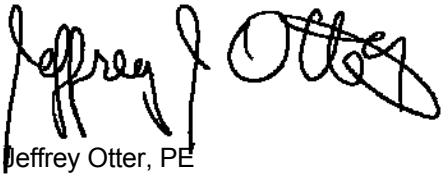
This Workplan was prepared by ENSR on behalf of AmeriPride Services Inc. for additional site characterization and a baseline health risk assessment at the former Welch's Uniform Facility located at 3505 Pasadena Avenue in Los Angeles, California. In performing our professional services, ENSR has attempted to apply present engineering and scientific judgment and use a level of effort consistent with the standard of practice for such work performed under a Voluntary Cleanup Agreement. This Workplan was prepared under the technical direction of the undersigned.

ENSR Corporation

William Glenn, PG
Site Investigation Project Manager
California Professional Geologist No. 7737



Ishrat S. Chaudhuri, Ph.D., DABT
Senior Toxicologist



Jeffrey Otter, PE
Program Manager

May 2008

Contents

1.0 Introduction 1
1.1 Site Description 1
1.2 Purpose 1
1.3 Project Organization and Responsibilities 1
1.4 Scope and Schedule 3

2.0 Background 4
2.1 Site Information 4
2.2 Regulatory Status 4
2.3 Physical Setting 5
2.4 Geology and Hydrogeology 5
2.5 Operational History 5
2.6 Current Status 6
2.7 Prior Environmental Activities 6

3.0 Field Sampling Plan 10
3.1 Data Quality Objectives 10
3.2 Sample Collection 13
3.3 Sample Analysis 17
3.4 Quality Assurance / Quality Control 18

4.0 Baseline Health Risk Assessment Plan 19
4.1 Data Evaluation 19
4.2 Dose-Response Assessment 20
4.3 Exposure Assessment 20
4.4 Risk Characterization 21

5.0 References 22

Figures

Figure 1 – Site Location Map
Figure 2 – Vicinity Map
Figure 3 – Site Plan
Figure 4 – Previous Site Assessment Locations
Figure 5 – Saturated Soil Sample Locations
Figure 6 – Soil Vapor Probe Locations
Figure 7 – Near-Surface Soil Sample Locations
Figure 8 – Vapor Probe Construction Detail

Tables

Table 1 – Sampling and Analysis Program
Table 2 – Analytical Detection Limits

Appendices

Appendix A DTSC Correspondence dated November 2007
Appendix B Health and Safety Plan
Appendix C Quality Assurance Project Plan

LIST OF ACRONYMS

AOC	Area of Concern
AST	aboveground storage tank
bgs	below ground surface
Cal EPA	California Environmental Protection Agency
CAM	California Assessment Manual
COC	chain-of-custody
COPCs	Chemicals of potential concern
DTSC	Department of Toxic Substances Control
°F	Degrees Fahrenheit
fbs	Feet below surface
HASP	Health and Safety Plan
K_{oc}	organic matter / water partition coefficient
K_{ow}	octanol / water partition coefficient
μg/L	micrograms per liter (parts per billion)
μg/kg	micrograms per kilogram (parts per billion)
mg/kg	milligrams per kilogram (parts per million)
mg/L	milligrams per liter (parts per million parts of water)
mm Hg	millimeters of mercury
ND	not detected
PCE	perchloroethylene
PID	photoionization detector
ppm	parts per million
ppmv	parts per million by volume
PRGs	Preliminary Remediation Goals
QA/QC	Quality Assurance and Quality Control
RCRA	Resource Conservation and Recovery Act
RFI	RCRA Facility Investigation
SSAR/SCMU	Supplemental Site Assessment Report and Site Conceptual Model Update
SWMU	Soild Waste Management Unit
USA	Underground Service Alert of Southern Califorina
U.S. EPA	United States Environmental Protection Agency
VOCs	Volatile Organic Compounds

1.0 Introduction

This Workplan has been prepared by ENSR Corporation on behalf of AmeriPride Services Inc (AmeriPride) in response to comments and recommendations made by the California Environmental Protection Agency Department of Toxic Substances Control (Cal EPA/DTSC) following its review of the *Supplemental Site Assessment Report and Site Conceptual Model Update* (SSAR/SCMU, ENSR 2007a) for the Former Welch's Uniform Facility (the "site"). The DTSC issued its comments in correspondence dated November 2007 (**Appendix A**) in accordance with the terms of a Voluntary Cleanup Agreement entered into between the DTSC and AmeriPride on 17 June 2006, which authorized the DTSC to oversee characterization and cleanup of the site.

After reviewing the DTSC's correspondence, a meeting was scheduled between the DTSC, AmeriPride and ENSR on February 6, 2008 at the Chatsworth office to discuss issues related to sample location, frequency, and risk assessment completeness.

1.1 Site Description

The Site is a 2.6 acre property located at 3505 Pasadena Avenue in Los Angeles, California as shown in **Figure 1**. Currently, the property is a vacant lot owned by AmeriPride. Previously, the property was owned and occupied by Welch's Uniform Rental Company, which operated a commercial uniform laundry and rental service facility from approximately 1920 until 1988. Results of past environmental site assessments conducted at the site indicate that soil and groundwater are affected with volatile organic compounds (VOCs), including perchloroethylene (PCE), trichloroethylene (TCE), cis-1,2-dichloroethylene (cDCE), and petroleum hydrocarbons associated with the dry cleaning solvents, boiler fuel, and motor vehicle fuels once stored and used in the laundering operations conducted at the former facility. At least twelve underground storage tanks (USTs) were in service at the site, which were removed or filled in-place between 1987 and 2004. All buildings associated with the previous operation were removed in 1993. AmeriPride is seeking a soil closure to facilitate development of the property, and is considering constructing a 30,000 square foot Apparel Center on the site within two years.

1.2 Purpose

In its review of the SSAR/SCMU, the Geological Services Unit (GSU) and Human and Ecological Risk Division (HERD) staff at the DTSC recommended that additional site characterization be completed to reduce the uncertainties associated with a health risk evaluation and evaluate whether additional site cleanup is warranted. Additional characterization was noted to be needed to more fully characterize the nature and extent of chemical impacts in each of four identified areas of concern (AOC) and at other areas of the site where analytical data is not available.

This Workplan describes the scope of investigation activities and methodology for conducting additional site characterization, and outlines the assumptions and approach for updating an evaluation of health risk associated with chemical impacts at the site to support decision-making regarding site cleanup.

1.3 Project Organization and Responsibilities

The overall organization of the project includes the following individuals and agencies:

- The California Environmental Protection Agency – Department of Toxic Substances Control is the regulatory agency responsible for approving or disapproving the Workplan for the subject site.

  - Ms. Sayareh Amir, Chief, Southern California Cleanup Operations, Chatsworth
  - Ms. Juli Oborne, Unit Chief, Southern California Cleanup Operations, Chatsworth
  - Mr. Alberto Valmidiano, Project Manager, Site Mitigation Program, Chatsworth
  - Mr. John Naginis, PG, Senior Engineering Geologist, Geological Services Unit, Chatsworth
  - Mr. Chawn Y. (CY) Jeng, Ph.D., Staff Toxicologist, Human and Ecological Risk Division, Cypress

- Property Owner and Voluntary Cleanup Agreement Proponent – AmeriPride Services Inc.
  - Mr. Joseph Peter, Environmental Manager

- ENSR is AmeriPride's environmental consultant
  - Mr. Jeffrey Otter, P.E., Program Manager (PM)
  - Mr. William Glenn, P.G., Site Investigation (SI) Project Manager
  - Ms. Ishrat Chaudhuri, Ph.D., DABT, Senior Toxicologist
  - Ms. Susan Milcan, Project Quality Assurance Officer
  - Mr. Joseph Sanders, C.I.H., Health and Safety Officer

- Drilling, vapor probe installation, well completion, and well development will be performed by one of the following drilling contractors as directed by ENSR:
  - BC2 Environmental, Fullerton, CA (hollow-stem auger)
  - ABC Liovin, Signal Hill, CA (hollow-stem auger)
  - TestAmerica, Anaheim, CA (hollow-stem auger and air rotary)

- Analysis of soil, groundwater, and soil gas samples will be performed by one of the following laboratories as directed by ENSR:
  - Calscience Environmental Laboratories, Inc., Garden Grove, CA (soil and groundwater) – NELAP Certification #03220CA
  - American Scientific Laboratories, Inc., Los Angeles, CA (soil and groundwater) – ELAP #2200
  - AirTechnology Laboratories, Inc., City of Industry, CA (soil gas) – NELAP Certification #E87847

The implementation of the Workplan is the responsibility of the ENSR project team, which includes the PM, the SI Project Manager, field personnel, and subcontractor personnel. The PM reports to the AmeriPride Environmental Manager and is the individual who has the primary responsibility for implementing the Workplan. ENSR's office and field personnel supporting the project report to the PM. Drilling and analytical services will be subcontracted by ENSR. Depending on contract negotiations, availability and schedule, ENSR may elect to use other subcontractors as site-specific circumstances dictate.

The PM's responsibilities include:

- Ensuring office and field personnel have reviewed and understand the Workplan;
- Selecting subcontractors and approving their respective work agreements;
- Reviewing the field and laboratory data to determine if the objectives were met; and taking corrective action if necessary.

The responsibilities of the SI Manager include:

- Notifying the laboratory regarding site specific data quality requirements;
- Collecting and compiling the daily field logs and documentation generated by field personnel;
- Checking chain-of-custody forms and field logs to verify completeness of sample collection;
- Reviewing the field and laboratory data to determine if the objectives were met;
- Preparing a summary of quality assurance/quality control data; and
- Conducting audits and taking corrective action as necessary.

The responsibilities of the office and field personnel include:

- Reviewing and implementing the Workplan;
- Field calibration of measurement and test equipment, as needed;
- Maintaining required documentation of activities;
- Collection, labeling, handling, storage, shipping and filling out Chain of Custody forms for environmental samples collected;
- Maintaining control of samples until they are appropriately released; and
- Notifying the PM of deviations from or problems in implementing the Workplan.

The responsibilities of the laboratory subcontractor include:

- Provide appropriate sample containers, preservatives and coolers to ENSR;
- Advise the PM of delays experienced in analyzing the samples;
- Advise the PM upon receipt of samples if there are questions regarding the analysis requested or if there are quality or sample integrity issues that need to be addressed;
- Perform the requested analyses under EPA SW-846 and/or state approved protocol;
- Conduct the required instrument calibration and QA/QC protocols specified in the laboratory's internal quality assurance plans.

The responsibilities of the drilling subcontractor include:

- Provide appropriate drilling equipment and trained personnel as specified in the subcontract agreements.

1.4 Scope and Schedule

Project implementation milestones include the following:

- Submit final ASC/BHRA Workplan within 2 weeks of receipt of DTSC comments on draft Workplan;
- Allow 2 weeks to receive DTSC approval of final ASC/BHRA Workplan;
- Allow 3 weeks to arrange resources and procure permits prior to start of fieldwork;
- Notify DTSC of start of fieldwork a minimum of 1 week prior to starting fieldwork;
- Mark boring locations and notify Dig Alert a minimum of 2 work days prior to start of fieldwork;
- Begin field work approximately 21 days after DTSC approval of final ASC/BHRA Workplan;
- Allow 5 days to complete soil sampling and installation of soil vapor probe nests;
- Allow 5 days to arrange topographic survey to map boring locations and locate wells MW-4, MW-11, and MW-12 for proper abandonment;
- Allow 2 days to complete soil gas sampling (based on 24 soil gas samples to be collected from 8 probes);
- Allow 2 weeks after sample submittal to receive final analytical reports;
- Allow 2 days to locate and abandon wells MW-4, MW-11, and MW-12;
- Allow 4 weeks following sampling and well abandonment for IDW disposal;
- Allow 6 weeks after receipt of final analytical reports to submit draft ASC/BHRA Report to DTSC;
- Allow 8 weeks for DTSC review and comment on draft ASC/BHRA Report; and
- Respond to DTSC comments and submit final ASC/BHRA Report within 2 weeks.

The schedule for completing the above listed activities is dependent upon final approval of this plan; however, based on the above estimates, the full scope of the ASC/BHRA may take a total of six months to complete.

2.0 Background

General information regarding the site ownership, location, and contact names are given in part **2.1** of this section. The regulatory status, environmental setting, facility operational history, and current status of the property are described in parts **2.2** through **2.6**. Part **2.7** provides a summary of prior tank removals, site assessments, and remedial actions at the site.

2.1 Site Information

- Site name and location:
  Former Welch's Uniform Facility
  3505 N. Pasadena Avenue
  Los Angeles, California 90031
- Property owner and Responsible Party:
  AmeriPride Services Inc.
  10801 Wayzata Boulevard
  Minnetonka, Minnesota 55305
- Designated contact person:
  Mr. Joseph E. Peter
  Environmental Manager
  AmeriPride Services Inc
  Phone: (952) 738-6661
  Email: joe.peter@ameripride.org
- Assessors Parcel Number: 5205-004-010
- USGS Quadrangle: 4118-A2 Los Angeles, CA
- Latitude and Longitude: 34° 5' 9" N (34.0859° N) and 118° 12' 48" W (118.2131° W)
- TRS Location Data: San Bernardino Meridian, Township 1S, Range 13W, Section 14
- Thomas Brothers Map Grid: 595-A6
- EPA ID Number: CAD075309740
- California State Accounting and Reporting System (CalStars) Site Code: 301314

2.2 Regulatory Status

The site is identified in several databases that provide information regarding sites with known or suspected subsurface releases, including the California Leaking Underground Storage Tank (LUST) list, the CORTESE list, and the California list of Brownfields properties (EnviroStor). The site is also identified in databases relative to hazardous materials storage and waste generation operations by Welch's Uniform and American Linen Supply, such as hazardous waste generator, State UST, Historical UST and California Facility Inventory Database (CA FID).

Regulatory oversight is being provided by the Southern California Cleanup Operations Branch of the Cal EPA/DTSC Site Mitigation and Brownfields Reuse Program located in Chatsworth, California. Oversight is being provided in accordance with a Voluntary Cleanup Agreement executed between the DTSC and AmeriPride on June 17, 2007 (Docket No. HSA-VCA 06/07-204). Prior to December 27, 2006 the Los Angeles Regional Water Quality Control Board (LARWQCB) had oversight responsibility for environmental activities at the property under SLIC-2 Case No. 833.

In 2006, ENSR conducted a supplemental site assessment on behalf of AmeriPride under the oversight of the LARWQCB. A Supplemental Site Assessment Report and Site Conceptual Model Update (SSAR/SCMU) documenting the findings from the investigation was submitted to the DTSC in September 2007. The DTSC reviewed the SSAR/SCMU, identified data gaps that required further investigation, and provided comments on November 29, 2007 in which it requested the submittal of an Additional Site Characterization/Baseline Health Risk Assessment Workplan (DTSC 2007).

2.3 Physical Setting

The subject site is a relatively flat, 2.6 acre, vacant property located in a relatively low-density, mixed residential and industrial area of Los Angeles, CA, approximately 3.5 miles northeast of downtown Los Angeles, California. The site is located approximately 366 feet above mean sea level near the confluence of the Los Angeles River and Arroyo Seco Channel (USGS 1994). The Arroyo Seco Channel borders the northwest property boundary, and at that location it consists of a concrete lined drainage channel with an invert elevation approximately 30 feet below the grade elevation of the site. The site location and general vicinity are shown on **Figure 2**.

2.4 Geology and Hydrogeology

The site is underlain by approximately 50 to 100 feet of Recent age alluvial and stream channel deposits consisting of coarse grained sand, gravel, and cobbles, which contain the Gaspur aquifer. In the area of the site, the Gaspur aquifer is approximately 60 feet thick, generally unconfined, characterized by transmissivities on the order of 250,000-gallons per day per foot, and reportedly is underlain by non-water bearing sedimentary rocks (CDWR, 1961).

The site is included in the northern portion of the Central Basin Hydrogeologic Area. Regional groundwater information (CDWR, 1961) and previous subsurface investigations (Kleinfelder, 1987) indicate that the first water bearing zone beneath the site is the Gaspur aquifer at about 35 to 50 feet bgs. Groundwater in the Gaspur aquifer in the vicinity of the site is not used as a water supply source (LADWP, 1988).

The regional groundwater gradient in the Gaspur aquifer, as reported by the Los Angeles County Flood Control District (LACFCD, 1986), is south-southeast; although, the local groundwater gradient at the site has consistently been to the southwest. Groundwater has been measured during the Third Quarter of 2007 at depths ranging from 35.11 to 41.97 fbs (ENSR, 2007b).

2.5 Operational History

The property was formerly the site of a work apparel and linen rental service business established in 1924, which operated until approximately 1988. Business activities associated with the facility included receiving, sorting, aqueous cleaning, dry cleaning, tailoring, pressing, and shipping of work uniforms, linens, and towels to industrial and commercial businesses, schools, and hospitals.

Hazardous materials stored and handled at the facility included petroleum hydrocarbon based dry cleaning solvents (Stoddard, methyl ethyl ketone), chlorinated dry cleaning solvents (PCE), gasoline and diesel for motor vehicle fleet fueling, and fuel oil for boiler operation. The site is listed on the HAZNET database (as the American Linen Supply Company at 3505 Pasadena Avenue) for the generation of aqueous solutions containing oxygenated solvents (acetone, methyl ethyl ketone, ethyl acetate, etc.).

Approximately 11 fuel and solvent USTs and several sumps were utilized in the operations at the facility, which were removed or abandoned in-place in 1987 and 1988. Two 6,000-gallon aboveground storage tanks (identified on facility plans as ‘wooden M.U. Tanks’) were located on the west side of the South Building

Complex. Buildings and surface structures were demolished and removed in 1993. A twelfth solvent UST was removed in 2004.

Features that remain at the site include a chain-link fence around the perimeter, a 10-foot high retaining wall along the northeast property boundary, four pole-mounted electrical transformers in the center of the property, gas and water metering equipment near the east gate, and a 6,000 square foot area of asphalt pavement in the southeast portion of the property. **Figure 3** shows the locations of current site features, existing and abandoned groundwater monitoring wells, and former building and tank locations. The approximate locations of three sumps, a water softener brine pit, and a boiler blowdown pit / wastewater clarifier that were reportedly removed or filled in-place at the facility are also shown; although the historic maps and sketches of the facility contain conflicting information regarding location, size, and status of these structures.

Five additional USTs are shown on **Figure 3** (identified UST Nos. 5B through 9B); although records are not available to confirm whether UST Nos. 5B through 9B actually existed and were removed. These tanks were shown on site plans that were drafted and provided with tank removal permits and notifications prepared for UST Nos. 5A through 9A (LAFD 1988c, 1989), the locations of which were drawn by freehand onto the plans. The freehand features identified as UST Nos. 5A through 9A may have been intended to represent the actual locations of UST Nos. 5B through 9B, and there may never have been a second set of tanks.

2.6 Current Status

The property is currently vacant and secured behind a chain link fence with locking gate. Periodically the Los Angeles City Bureau of Street Services Lot Cleaning Division enters the property and grades the site to remove vegetation, trash and debris. Occasionally this activity has damaged or destroyed monitoring well boxes and well heads, which has resulted in the loss of three wells to date (MW-4, -11, and -12).

AmeriPride is considering retaining ownership and constructing a 30,000 square foot apparel service center on the site within approximately two years. The apparel center would be used in the management and rental of linens and uniforms. Activities at the proposed facility might include receiving, sorting, tailoring, pressing, and distribution of linens and apparel; however, no wet washing or dry cleaning activities are anticipated or proposed.

2.7 Prior Environmental Activities

Several phases of investigation and remediation activities have been previously completed at the site. These prior activities have included tank removals, soil investigations, soil gas investigations, groundwater monitoring programs, free-product recovery, remediation by soil vapor extraction, facility demolition, and confirmation sampling. The prior activities have typically focused on three localized areas of concern (AOC): AOC #1 – a motor vehicle fueling area in the east-central portion of the site; AOC #2 – a dry-cleaning and solvent handling area in the northeast portion of the site; and AOC #3 – a driveway area between the north and south building complex. These areas are distinguished from one another by the types of activities they supported when the facility was in operation, the chemicals handled or stored as part of those activities, and the proximity of USTs or sumps within the areas. A fourth area located at the southwest corner of the property, AOC #4, was identified for further investigation during the 2006 site assessment as a result of elevated VOC concentrations reported in a soil gas sample collected during the 2001 site-wide soil gas survey. In addition, site investigations have also included screening of the overall property for pesticide, PCB, and metals from non-specific sources.

Prior site assessment sample locations are shown on **Figure 4**. The following is a chronology of environmental activities that have taken place at the site.

1987 Initial site characterization (Kleinfelder, 1987)

In 1987, J.H. Kleinfelder & Associates (Kleinfelder) conducted a limited site characterization at the site at the locations of two motor vehicle USTs located adjacent to Bldg. No. 19. One of the tanks, a 2,000-gallon diesel fuel UST, had been removed in early 1987 under Los Angeles City Fire Department (LAFD) Permit No. 55660 (LAFD, 1987) prior to Kleinfelder's site assessment activities (several holes were noted along the sides and bottom of the tank on removal). Kleinfelder completed four soil borings, B-1 through B-4, and three groundwater monitoring wells, MW-1 through MW-3 (now known as K-1 through K-3), near the locations of the two USTs. Wells K-1 and K-2 were installed in the vicinity of the former diesel UST. TPHg and total petroleum hydrocarbons as diesel (TPHd) were reported in all the soil samples collected. A maximum TPH concentration of 8,600 milligrams per kilogram (mg/kg) was detected in boring B1 at 20 feet bgs. The only other analyte detected was xylene at a maximum concentration of 39 mg/kg in boring B1 at 20 feet bgs (Kleinfelder, 1987).

1988 UST removal and closure investigation (Thorne, 1989)

In 1988, Thorne Environmental, Inc. (Thorne) reportedly closed approximately ten USTs and three sumps at the site under LAFD Permit Nos. 58783 (identified on **Figure 3** as UST Nos. 2, 3, 4, 11 and 12) and 61763 (identified on **Figure 3** as UST Nos. 5A, 6A, 7A, 8A, and 9A). The former USTs had previously contained products such as gasoline, diesel fuel, and PCE. The documentation for LAFD Permit No. 61763 also shows five additional solvent USTs located on the south side of Bldg. #8 ranging between 700 and 1,500 gallons in capacity (identified on **Figure 3** as UST Nos. 5B, 6B, 7B, 8B, and 9B), and notes that these had been previously removed; although, records are not available to confirm that was the case. It is suspected that UST Nos. 5A through 9A, which were drawn in by freehand, represent the actual locations of UST Nos. 5B through 9B, and that the figures were never updated to remove the original features from the as-built plans.

Analytical results of soil samples collected from beneath the former USTs and sumps indicated that gasoline, diesel fuel, and benzene, toluene, ethylbenzene, and total xylenes (collectively BTEX), and organic solvents were present in the soil beneath a majority of the USTs and sumps. The following maximum concentrations were detected: 3,800 mg/kg TPHd (SB-7-29); 5,900 mg/kg TPHg (SB-1-35); 52 mg/kg TCE (SB-26-30), and 33,000 mg/kg PCE (SB-19-29).

1989 Supplementary site investigation and well installation (Thorne, 1989)

From 1988 to 1989, Thorne advanced 28 soil borings and installed 16 vapor extraction wells (VEWs) and 12 groundwater monitoring wells (MW-1 through MW-8, MW-9A, MW-9B, MW-10A, and MW-10B). Analytical results of the groundwater samples collected from the 12 monitoring wells indicated that gasoline, diesel fuel, BTEX, and halogenated organic compounds were present.

1990 Free-product removal (Thorne, 1989 & 1990)

Free product was observed in wells K-1, K-2, MW-1, and MW-3 through MW-7 during previous investigations at apparent thicknesses of 0.1 to 9.5 inches. Thorne subsequently bailed 160 gallons of free product from the wells before initiating a vapor extraction remediation program in June 1990.

1990 Soil vapor extraction (Thorne)

In June 1990, Thorne installed and began operation of a soil vapor extraction (SVE) system at the site. The SVE consisted of three separate extraction units connected to VEWs in three areas of impacted soil. The extracted vapor was treated with activated carbon before being released to the atmosphere. SVE Unit 1 was connected to VEWs SB-1 through SB-5 in the vicinity of the former fuel USTs in AOC #1. SVE Unit 2 was connected to wells MW-1 and MW-4, and VEWs SB-6 and SB-7 in AOC #3. SVE Unit 3 was connected to VEWs SB-10, SB-11, SB-12, SB-14, SB-15, SB-16, SB-18, and SB-19 in AOC #2. By September 1991, the total hydrocarbon concentrations entering the SVE treatment units decreased approximately 97.5 percent from an initial 9,400 parts per million (ppm) to 230 ppm at shutoff. Based on SVE monitoring data, CAPE estimated

that approximately 11,940 pounds of volatile organic compounds (VOCs) were removed during the period June 1990 to August 1991.

1991 Supplementary soils investigation (CET, 1998)

In June and August, 1991, CAPE, as CET Environmental Services, Inc. (CET) drilled three soil borings (SB-28 through SB-30), and converted SB-29 into a vadose zone monitoring well. Boring SB-28 was drilled near the two former fuel USTs (2,000 and 10,000-gallon) and had a maximum concentration of TPHd of 400 mg/kg in the 20 and 25 foot bgs soil samples; boring SB-29 was drilled near a former clarifier between the North and South buildings (maximum TPHd of 11 mg/kg in the 30 foot bgs soil sample), and boring SB-30 was drilled in the vicinity of the former USTs containing PCE, and near former borings SB-15 and SB-16. A maximum PCE concentration of 0.23 mg/kg was detected in the 5 foot bgs soil sample. In summary, minor concentrations of TPHd were detected in boring SB-28 adjacent to the former 2,000-gallon diesel UST, minor concentrations of TPHd and TPHmo were detected in boring SB-29, and minor concentrations of PCE were detected in boring SB-30.

1993 Facility demolition and groundwater monitoring (CET, 1998)

In 1993, the site structures and buildings were removed. No site assessment or remediation activities were performed from September 1991 to July 1998. In July 1998, CET redeveloped 11 of the groundwater monitoring wells, repaired several of the monitoring well box lids, and performed Third Quarter 1998 groundwater monitoring and sampling at the site.

2000 Confirmatory soil investigation and well installation (CAPE, 2000)

During August 2000, CAPE drilled and sampled six soil borings (CB-1 through CB-6) at the site to collect confirmatory soil samples from areas previously remediated using SVE. In September 2000, CAPE installed five additional monitoring wells (MW-8A, MW-11, MW-12, MW-13A, and MW-13B) to assess the lateral and upgradient extent of the dissolved-phase hydrocarbon plume. The results of the confirmatory soil sampling and the additional well installation activities indicated that VOCs were still present in the capillary fringe and in the dissolved-phase.

2001 Soil gas survey (CAPE, 2001)

In November 2001, CAPE conducted a soil gas survey consisting of 44 vapor sampling points (SV-1 through SV-44) in the vicinity of the former USTs, pump islands, buildings, sumps, and a vehicle maintenance shop. Most of the vapor sampling points with detectable levels of VOCs were located in the north-central area of the site (SV-25, SV-26, SV-27, SV-29 through SV-37, and SV-39). This was the area where known solvent releases occurred and SVE was performed in the past. Elevated concentrations of PCE (260 micrograms per liter [ug/L]) and TCE (10.3 ug/L) were also detected in the extreme southwest corner of the property in sampling point SV-10-10'. Two additional points, SV-43-7.5', and SV-44-10', were installed approximately 35 feet east and 30 feet north of SV-10 to further assess the lateral extent of PCE and TCE. PCE was detected at a concentration of 8.8 ug/L in the northern probe, and nothing was detected in the eastern probe; indicating that the extent of the impacted soil vapor is limited. No known storage or past release of VOCs in the southwest corner of the property has been identified.

2002 Geophysical survey (UltraSystems)

In July 2002, UltraSystems Environmental, Inc. conducted a geophysical survey at the site, which resulted in location of a UST in the dry cleaning area north of the former North Building Complex (CAPE, 2004).

2002 Well installation (Cape, 2002)

In September 2002, CAPE installed two additional groundwater monitoring wells (MW-14 and MW-15) along Avenue 33 near Lacy Street, to further assess the downgradient portion of the dissolved-phase plume. VOCs were not detected in the soil samples collected during well installation. Analytical results of the groundwater samples collected from both of these downgradient wells indicated that the dissolved-phase plume extends to these wells.

2004 UST removal (Cape, 2004)

In July 2004, CAPE oversaw the removal of a single, 1,000-gallon steel UST, of unknown contents. The UST was discovered by geophysical means by UltraSystems Environmental in July 2002. Based on the location of the UST relative to well MW-6 and boring SB-15 as shown on the Site Plan in the UST closure report, the UST was located in the same location as five USTs (two 250-gallon, one 550-gallon, and two 1,250-gallon) that were documented as being removed in 1989. A single soil sample (UST-EX Bottom) was collected from beneath the UST, and laboratory analysis indicated that TPHg, VOCs (including BTEX), ethanol, and methanol were not detected.

2006 Supplementary site assessment (ENSR, 2007)

In February, March and April 2006, ENSR conducted supplementary assessment of chemical impacts to soil and groundwater in two areas -- the former dry cleaning and solvent storage area north of the North Building Complex (AOC #2), and the area at the southwest corner of the site where elevated VOC concentrations were detected in the 2002 soil gas survey (AOC #4). Soil samples were collected and analyzed from 13 soil borings, and a cluster of three newly installed groundwater monitoring wells screened across different depth intervals.

Based on the assessment findings, approximately 7.7 kilograms (kg) of PCE, 1.9 kg of TCE, and 0.25 kg of cDCE are estimated to remain in soil at the site. Over 75 percent of the chemical mass occurs in soil within 10 feet of the water table in a 2,800-square-foot area centered beneath the area of the former solvent tanks. The maximum concentrations of key indicator compounds detected in soil during the 2006 assessment activities are as follows:

VOC	Sample Location	Concentration (ug/kg)
PCE	SB-38 at 35 fbs	32,000
TCE	SB-39 at 35 fbs	1,900
cDCE	SB-43 at 45 fbs	730

Results of soil sampling from boring SB-35 at the southwest corner showed no significant impacts by VOCs. A Hydropunch™ sample collected from boring SB-35 contained PCE, TCE, and cDCE at concentrations similar to those detected in nearby upgradient well MW-10A. Based on the absence of elevated VOC concentrations in the soil samples and the similarity of the dissolved-phase constituents detected in the groundwater, it is believed there is no separate source area in the southwest corner where elevated PCE concentrations had been reportedly measured at soil vapor sampling point SV-10 in 2001 (Cape 2002).

Quarterly groundwater monitoring of dissolved VOC concentrations in the on-site well cluster installed to assess the vertical concentration gradient shows that concentrations in the top ten feet of groundwater (35 to 45 fbs) are 5 to 100 times greater than in groundwater at 80 to 95 fbs (ENSR, 2007a).

3.0 Field Sampling Plan

In general, the additional site investigation will include collection of 58 samples of soil from near-surface and the vadose zone, 18 samples of soil and 6 samples of groundwater from the saturated zone, and 24 samples of soil gas samples from multiple depths in the vadose zone. The overall sampling and analysis program is summarized in **Table 1**, and the proposed sampling locations are shown in **Figures 5, 6, and 7**. The objectives, strategy and rationale for sampling each matrix are discussed in part **3.1** of this section. The sample collection activities and methodologies are described in part **3.2** of this section. The analytical methods and criteria for selecting samples for analysis are discussed in part **3.3**.

3.1 Data Quality Objectives

The specific objectives of the additional site investigation are:

1) Assess soil gas concentrations at multiple depths in each of the four AOCs and in areas of the site where analytical data is currently not available to determine the need for additional soil matrix sampling and volatile organic compound (VOC) testing;
2) Provide additional site characterization data of VOCs and petroleum fuel impacts in AOC #1 to evaluate whether any additional cleanup of this area is needed;
3) Delineate the vertical extent of VOC impacts in the soil matrix below the water table in AOC #2 to evaluate the need for whether any additional remediation is needed;
4) Assess VOC concentrations in soil and soil gas in AOC #3 to determine if there is a vadose zone source of VOCs (specifically cDCE) in this area and evaluate the need for whether any additional remediation is needed;
5) Assess the nature and extent of VOC impacts in soil gas in AOC #4 to evaluate the need for whether any additional characterization is required; and
6) Complete near-surface soil sampling to support risk-based site closure.

3.1..1 Near-Surface Soil Sampling and Analysis Program

The purpose for conducting the planned near-surface soil sampling and analysis is to complete the sampling program initiated when the 2006 site investigation activities were being overseen by the LARWQCB. The LARWQCB had requested that near-surface soil samples be collected from across the site and analyzed for general, non-source specific hazardous chemical impacts to support risk-based closure decision-making for the site. It had been agreed with the LARWQCB that near-surface soil samples would be collected from depths of 0.5 fbs, 5 fbs, and 10 fbs, and analyzed as follows:

- Soil samples collected from 0.5 fbs and 5 fbs are to be analyzed for the following parameters[1]:
  - 17 California Assessment Manual (CAM-17) metals by EPA Methods 6010C and 7471B,
  - Organo-chlorine pesticides by EPA Method 8081B, and
  - Polychlorinated biphenyls (PCBs) by EPA Method 8082A.

[1] Analysis of TVPH, TEPH, VOCs, and SVOCs was not specified for samples collected at 0.5 fbs because a release from buried piping was presumed to be the most likely source of these chemicals, and TVPH and VOCs were not considered a concern at such a shallow depth because they would be quickly volatilized.

- Soil samples collected from 5 fbs and 10 fbs are to be analyzed for the following parameters[2]:
  - o Total volatile petroleum hydrocarbons using a gasoline standard (TVPH) by modified EPA Methods 8015 or 8260B,
  - o Volatile organic compounds (VOCs) by EPA Method 8260B,
  - o Total extractable petroleum hydrocarbons (TEPH) with carbon-chain identification and using a diesel standard by modified EPA Method 8015, and
  - o Semivolatile organic compounds (SVOCs) by EPA Method 8270D

It had also been agreed with the LARWQCB that one set of near-surface soil samples would be collected for every 3,600 square feet in possible source areas, i.e. in each AOC, and for every 14,400 square feet in the remaining areas of the site. During the 2006 site investigation, near-surface soil samples were collected at depths of 0.5 fbs, 5 fbs, and 10 fbs from six borings located in the following areas as indicated in **Figure 7**:

- Samples were collected from AOC #2 at locations SB-31, -36, -37 and -41,
- Samples were collected from AOC #4 at location SB-35, and
- Samples were collected from the general site area at locations SB-33 and -34.

The sampling and analysis plan for the remaining portion of the near-surface soil sampling program is indicated in **Table 1** and **Figure 7**. Based on comments by the DTSC, the near-surface soil sampling program will be modified as follows:

- Analysis of organic lead by California Method 939-M will be done for near-surface samples that are also being evaluated for fuel hydrocarbons, i.e., the samples collected at 0.5', 5' or 10' fbs;
- Two soil samples will be collected from the specified near-surface boring locations instead of three, and the samples will be collected at 0.5 fbs and 10 fbs at borings located near a former UST or sump feature, otherwise they will be collected at 0.5 fbs and 5 fbs; and
- Soil samples collected at 0.5 fbs in the general site area (i.e., at the proposed locations of VP-8, SB-45, and SB-47) will also be evaluated for TEPH and SVOCs.

A sufficient number of near-surface soil samples have been collected from AOC #2 and #4 during the 2006 site investigation. To complete the near-surface soil sampling program, additional near-surface soil samples will be collected from the nine proposed boring locations indicated in **Figure 7**. Five of the proposed boring locations will be completed as soil vapor probe nests and are identified as VP-2, -3, -5, -6 and -8. The other four are identified as proposed soil borings SB-44, -45, -46 and -47. The rationale for each proposed near-surface boring and the respective sampling depths are as follows:

Near-Surface Soil Sampling Location Rationale

Boring ID	Sample Depths	Area Assessed	Presumed Source
VP-2	0.5 fbs, 10 fbs	AOC #3	800-gal sump & clarifier
VP-3	0.5 fbs, 10 fbs	AOC #3	1,700-gal solvent sump
VP-5	0.5 fbs, 10 fbs	AOC #3	1,000-gal gasoline UST & piping
VP-6	0.5 fbs, 10 fbs	AOC #1	10,000-gal gasoline UST & piping
VP-8	0.5 fbs, 5 fbs	General Site	Vehicle garage / maintenance
SB-44	0.5 fbs, 10 fbs	AOC #3	Pole-mounted Transformers + 1,000-gal fuel oil UST
SB-45	0.5 fbs, 5 fbs	General Site	Aboveground, wooden, M.U. tanks
SB-46	0.5 fbs, 10 fbs	AOC #1	2,000-gal diesel UST & piping
SB-47	0.5 fbs, 5 fbs	General Site	Aboveground operations in South Buildings

[2] Analysis of pesticides and PCBs was not specified for samples collected at 10 fbs because an above grade release or application of materials at ground surface was presumed to be the most likely source for these chemicals.

3.1..2 Subsurface Soil Sampling and Analysis Program

Soil samples will be collected during drilling of eight auger boreholes that will be used for the completion of multi-depth soil vapor probes. In addition to any near-surface soil samples discussed in the previous section, soil samples will be collected from various depths for analysis to achieve the following objectives:

- Samples of vadose soil will be collected at 5, 20 and 30 fbs at each boring and analyzed for VOCs (including TVPH) to characterize the soil conditions at the specified soil gas probe depths;
- Soil samples will be collected from VP-1 at 5 foot intervals between depths of 10 and 35 fbs and used to compare to 2006 assessment findings at borings SB-38 and -39. However, if results from VP-1 do not show a similar level (same order of magnitude) of chemical impact to samples collected from the capillary fringe of SB-38 and SB-39, then deeper saturated soil samples may not be representative of the impacts in saturated soil in the immediate area;
- Soil samples will be collected from VP-1 at 5 foot intervals between depths of 40 and 70 fbs, and used to evaluate the vertical extent of chemical impacts in saturated soil in the area previously found to be most affected with chlorinated VOCs;
- Soil samples will be collected from VP-2, -3, -4, -5 and -6 at 35 and 40 fbs, and used to determine whether chemical impacts extend significantly into saturated soil in the source areas; and

Subsurface Soil Sampling Rationale

Boring ID	Location	Sample Depths	Objective
VP-1	AOC #2	10 to 35 fbs @ 5' 5, 20, 30 fbs 35 to 70 fbs @ 5'	Compare to 2006 findings Soil conditions at vapor probes Extent of VOC in saturated zone
VP-2	AOC #3	10 to 35 fbs @ 5' 5, 20, 30 fbs 35 and 40 fbs	Assess impacts to vadose soil Soil conditions at vapor probes Extent of VOC in saturated zone
VP-3	AOC #3	10 to 35 fbs @ 5' 5, 20, 30 fbs 35 and 40 fbs	Assess impacts to vadose soil Soil conditions at vapor probes Extent of VOC in saturated zone
VP-4	AOC #2	10 to 35 fbs @ 5' 5, 20, 30 fbs 35 and 40 fbs	Assess impacts to vadose soil Soil conditions at vapor probes Extent of VOC in saturated zone
VP-5	AOC #3	10 to 35 fbs @ 5' 5, 20, 30 fbs 35 and 40 fbs	Assess impacts to vadose soil Soil conditions at vapor probes Extent of VOC in saturated zone
VP-6	AOC #1	10 to 35 fbs @ 5' 5, 20, 30 fbs 35 and 40 fbs	Assess impacts to vadose soil Soil conditions at vapor probes Extent of VOC in saturated zone
VP-7	AOC #4	10 to 30 fbs @ 5' 5, 20, 30 fbs	Assess impacts to vadose soil Soil conditions at vapor probes
VP-8	Vehicle Garage	10 to 30 fbs @ 5' 5, 20, 30 fbs	Assess impacts to vadose soil Soil conditions at vapor probes

Groundwater samples will also be collected from the shallowest observed depth during advancement of borings VP-1, -2, -3, -4, -5 and -6 to evaluate chemical impacts in the saturated soil in the source areas. A groundwater sample was collected from boring SB-35 in AOC #4 in 2006, so no additional groundwater sampling will be done at that location.

3.1..3 Soil Gas Sampling and Analysis Program

The sampling and analysis plan for the soil gas sampling program is summarized in **Table 1**. Soil gas samples will be collected from eight, semi-permanent, nested, multi-depth, soil vapor probes that will be completed in auger boreholes drilled as part of the proposed site investigation. The soil lithology and targeted depth of completion preclude the installation of temporary vapor probes by direct-push methods.

Each vapor probe nest will consist of four probes installed at 5, 10, 20 and 30 fbs. Analytical results of soil gas samples collected from the probes set at 5 fbs will be utilized in indoor air vapor intrusion risk screening calculations. Analytical results of soil gas samples collected from the deeper probes will be used to evaluate the extent and mass of VOCs in the soil gas plume and evaluate relationships to the distribution of VOCs in the soil matrix. TVPH will be included in the set of analytes reported by EPA Method TO-15. Chemical mass calculations and supporting documentation shall first be submitted to the DTSC for approval if the finite mass of VOCs is to be a factor in risk calculations.

The approximate locations of the soil vapor probes are shown on **Figure 6** (adjustments to specific probe locations may be made to accommodate subsurface obstructions). The rationale for the location of each vapor probe nest is as follows:

Soil Vapor Probe Sampling Rationale

Probe ID	Location	Objectives
VP-1	AOC #2	Verify or update 2001 findings at SV-42 (ND<1 ug/L PCE in soil gas at 4.5 fbs) Evaluate extent of VOCs in soil gas plume to north at 5, 20 & 30 fbs Compare concentrations in soil gas plume to 2006 soil plume concentrations
VP-2	AOC #3	Verify or update 2001 findings at SV-34 (5.4 ug/L PCE in soil gas at 10 fbs) Evaluate extent of soil gas plume to east at 5, 20 & 30 fbs Screen west side of AOC #3 for VOC sources (esp. cDCE) in vadose soil
VP-3	AOC #3	Verify or update 2001 findings at SV-37 (19 ug/L PCE in soil gas at 6 fbs) Screen east side of AOC #3 for VOC sources (esp. cDCE) in vadose soil
VP-4	AOC #2	Verify or update 2001 findings at SV-39 (22 ug/L PCE in soil gas at 5.5 fbs) Evaluate extent of VOCs in soil gas plume to east at 5, 20 & 30 fbs Compare concentrations in soil gas plume to 2006 soil plume concentrations
VP-5	AOC #3	Evaluate extent of VOCs in soil gas plume to east at 5, 20 & 30 fbs Screen south side of AOC #3 for VOC sources in vadose soil
VP-6	AOC #1	Evaluate VOCs remaining in soil and soil gas at AOC #1
VP-7	AOC #4	Verify or update 2001 findings at SV-10 (260 ug/L PCE in soil gas at 10 fbs) Screen southwest portion of site for VOC sources in vadose soil
VP-8	Vehicle Garage	Verify 2001 findings at SV-1, -2, -3 (ND< 1 ug/L PCE in soil gas at 10 fbs) Screen southeast portion of site for VOC sources in vadose soil

3.2 Sample Collection

3.2..1 Permits

Soil borings completed into groundwater require a well permit from the County of Los Angeles Department of Public Health Environmental Health Division. Permits are not required for borings that are inadvertently drilled into groundwater as long as no groundwater samples are collected. Permits are not required for vapor wells or vapor probes. However, under the proposed scope of work, permits will be required for soil borings drilled for soil vapor probe nests VP-01 through VP-06 since these are planned to be advanced into the saturated zone with collection of groundwater samples from the borings.

3.2..2 Health and Safety

A site-specific health and safety plan (HASP) has been prepared to help ensure protection of the site assessment team and site visitors during field activities. The HASP contains information concerning the potential hazards expected at the site, procedures for proper handling of potential hazardous materials/waste or conditions at the site, personal protective equipment, and monitoring instrumentation, and action levels. It has been prepared in accordance with the Code of Federal Regulations (CFR), 29 CFR 1910.120, and the California Code of Regulations (CCR), 8 CCR 5192. Copies of the HASP will be kept with the field assessment team. Each member of the field assessment team, including subcontracted personnel and site visitors will be required to read and sign the HASP. A copy the HASP is included in **Appendix B**.

Prior to beginning the field program, a comprehensive kick-off meeting will be conducted to discuss the scope of work, and health and safety issues. In addition, tailgate safety meetings will be held prior to beginning each day of field work to discuss specific hazards associated with the activities planned to be completed that day.

3.2..3 Pre-Drilling Clearance

Underground Service Alert of Southern California (DigAlert) will be notified at least 48 hours prior to performing the field work for the member companies to mark utilities that may conflict with the proposed boring locations. In addition to the DigAlert clearance, each boring will be advanced to a depth of at least five feet bgs using a manually operated hand auger as a precautionary measure to avoid possible subsurface obstructions or utilities. There is a 40-foot wide sewer easement that runs along the driveway, and although no borings are planned to be located within that area, if borings are relocated into that area they should be cleared to 10 feet bgs because of the deep burial typical for sewer lines. If no subsurface obstructions or utilities are encountered, drilling will be continued using mechanically-driven drilling rigs. If a subsurface obstruction is encountered, the location of the boring will be moved.

3.2..4 Soil Sampling

Soil samples will be collected at five-foot depth intervals to the terminal depth in each boring. Samples from 5 fbs will be collected by hand auger drilling methods during borehole clearance. In soil borings advanced using hollow stem auger methods, soil samples will be collected using a split-spoon sampler equipped with 6-inch brass or stainless steel sample sleeves. In soil borings drilled using a hand auger; samples will be collected using a hand-driven stainless steel sampling device fitted with brass or stainless steel sampling liners.

Collected soil samples will be will be examined for soil classification and lithologic description at each sampling depth and classified according to the Unified Soil Classification System. Soil samples will be field screened for volatile organic vapors using a photoionization detector (PID) equipped with a 10.6 electron volt lamp, and observed for visual and olfactory evidence of impacted soil. The results of the field screening and a description of the vertical variations in lithology, water-content, odor, color, and texture of the soil will be recorded in field boring logs.

Soil samples, in stainless steel or brass sample sleeves, will be sealed with Teflon®, capped, labeled, and placed on ice awaiting transport to a state-certified laboratory for analysis. Samples collected for analysis of volatile organic compounds (VOCs) and volatile total petroleum hydrocarbons will be preserved in the field in accordance with U.S. EPA Method 5035 protocol.

The sample containers will be labeled, packaged, placed in a chilled ice chest, and transported with a completed chain-of-custody document to a State-certified laboratory for analyses within twenty four hours after sampling.

3.2..5 Groundwater Sampling from Soil Borings

Groundwater samples will be collected from selected borings using a discrete, single-interval, groundwater sampling device such as a Hydro-Punch®, or equivalent. Samples will be collected by first drilling to a targeted depth using an auger drill rig, and then assembling the sampling device within the hollow stem augers according to the manufacturer's instructions, and driving it approximately 2 feet below the bottom of the borehole (or about 3.5 feet below the bottom of the augers when collection of soil samples are allowed for). A fine mesh filter screen with a disposable tip is typically attached to the end of the sampling device, and after driving it into the soil ahead of the augers, the rods will be retracted to expose the filter screen and allow groundwater infiltration.

Groundwater flowing into the screened portion of the sampling device will be extracted using a small-diameter disposable bailer, which will be lowered into the boring and allowed to completely fill with water. The bailer will then be raised and a disposable sampling spigot will be fitted into the bottom of the bailer so that a slow, steady stream of water is released directly into three 40-mL glass vials at an angle to avoid aeration.

The 40-ml glass vials will contain a hydrochloric acid preservative. The sample containers will be labeled, packaged, placed in a chilled ice chest, and transported to a State-certified laboratory for analyses within twenty four hours after sampling.

3.2..6 Borehole Backfill and Surface Repair

Upon completion of soil sampling, boreholes not being converted to wells or vapor probe nests will be backfilled with bentonite chips and hydrated sufficiently to ensure a proper seal. Pavement will be restored with like construction flush with the surrounding grade.

3.2..7 Groundwater Monitoring Well Abandonment

Attempts will be made to locate groundwater monitoring wells MW-4, -11 and -12, which were lost and destroyed during site grading activities by the City of Los Angeles. The well locations identified based on records of surveyed locations, and limited exploratory excavation will be conducted in the identified locations to attempt to find any remains of well boxes, well casing, or grout. Once the wells are located, they will be abandoned in accordance with standard monitoring well decommissioning protocol. A California-certified well driller will first re-drill the annular space around the well to its full depth, then the open hole will be backfilled to the surface with an impermeable, high-solid bentonite-grout.

3.2..8 Installation of Nested, Multi-Depth, Soil Vapor Probes

Semi-permanent, multi-depth soil vapor probes will be constructed as indicated in **Figure 8**. Probes will be placed within a common borehole after the drill rod has been removed at depths of 5, 20 and 30 fbs. Each soil vapor probe will consist of a ¼-inch diameter flexible polyethylene tubing attached to a screened probe constructed of a 3/8-inch diameter by six-inch long mesh (stainless steel, poly-vinyl chloride, or ceramic). Probes will be emplaced midway within 1-foot thick sand packs intervals consisting of #3 Monterey sand. Approximately 1 foot of dry bentonite will be placed above the sand pack before adding hydrated bentonite grout or concrete grout to two feet below ground surface. The ground surface end of the tubing will be outfitted with a self-closing quick-connect fitting. Each probe nest will be contained in an aboveground steel well monument with hinged, locking lid. The end of each tubing will be labeled with the probe identification and depth; i.e., VP-1-5, VP-1-20, and VP-1-30).

Once installed, the semi-permanent wells will be allowed to equilibrate for approximately 48 hours before sampling.

3.2..9 Soil Gas Sample Purge Volume Determination

A purge volume test will be conducted for each probe that has a different soil type (i.e. sand, silt, clay, etc.). The purge volume test will be conducted utilizing a State-certified mobile laboratory equipped to analyze soil gas by EPA Method 8260. Purging will be accomplished using a sample pump at a rate of approximately 200 milliliters per minute. At least 48 hours of equilibration time will be allowed following well completion before commencing purge volume tests.

A purge volume is equivalent to the volume of the probe, tubing, and the pore space of the filter pack surrounding the probe. For a probe installed in an 8-inch diameter boring with 12 inches of filter pack, the volume of the probe and pore space of the filter pack will be approximately 3.5 liters, and the volume of the connecting ¼-inch OD tubing will be approximately 0.3 liters per 100 feet. Therefore, at a purge rate of 200 milliliters per minute, 18 minutes will need to be allowed to extract each purge volume.

A soil gas sample will be collected using a glass syringe after one, three, and seven purge volumes have been extracted for a total of three representative purge volume samples. Isopropyl alcohol will be utilized to test leaks into the boring around the well head. The purge volume associated with the highest VOC measurement will become the standard purge volume for that probe as well as any others with similar soil type.

3.2..10 Soil Gas Sample Collection

Fieldwork procedures for soil gas sample collection and analysis will be performed in accordance with the Los Angeles Water Quality Control Board (LARWQCB) and DTSC Advisory for Active Soil Gas Investigations dated January 28, 2003. After the derived purge volume is extracted (at approximately 200 milliliters per minute) from each probe, a sample of soil gas will be collected using a glass syringe for immediate analysis via modified EPA 8260 at an on-site, State-certified, mobile laboratory.

Prior to sample collection, towels saturated with isopropyl alcohol or a shroud containing 1,1-difluoroethane gas will be placed around the probes at the well head and at fittings to provide a leak tracing agent during sampling. Detections of the leak tracing compound in excess of 10 µg/L will be the criterion used for rejection of the sample result.

3.2..11 Decontamination

Prior to sampling and between samples, all reusable sampling equipment will be decontaminated by washing in a phosphate-free detergent and water solution, followed by a double-rinse with water. After sample collection, the disposable sampling supplies such as bailer, spigot, nylon cord, and nitrile gloves will be disposed of, and reusable sampling supplies will be decontaminated prior to reuse at each well.

Drilling and sampling equipment, sample liners, and soil sampling tools that come in contact with soil will be cleaned after completing each boring using a steam cleaner. Decontamination water will be contained in DOT-approved drums and temporarily stored on site.

3.2..12 Management of Investigation Derived Wastes

All waste materials generated during soil, soil-gas, and groundwater assessment will be temporarily stored on site in new, 55-gallon, DOT-17H steel drums with removable heads. A label will be affixed to each drum stating ‘This Container on Hold Pending Analysis’ and will include the date of accumulation, contents (soil, groundwater, decon water, sampling materials, etc), the origin (boring or well identification number and depth interval at which the waste was generated), site address, and contact name and phone number.

After receipt of analytical results, the drums will be relabeled as either hazardous waste or non-hazardous waste depending on the results of analysis of samples collected from the nearest depth interval to that contained in the drum.

Hazardous waste and non-hazardous waste soil and hazardous wastewater will be transported under manifest to the Clean Harbors Class I disposal facility in Buttonwillow, California.

Non-hazardous water will be transported to Siemens Water Technology in Los Angeles for recycling under waste profile BESI#144111.

3.2..13 Survey of Well and Boring Locations

The longitude, latitude, and elevations of borings and wells will be surveyed by a State licensed land surveyor to a City or County benchmark. Elevations of wells will include elevations to the top of the well casing, and to the top of the grade ring for well boxes, or to the top and base of aboveground well monuments.

3.3 Sample Analysis

The subsurface assessment will evaluate soil, groundwater, and soil gas samples for the presence of TVPH, TEPH, VOCs, SVOCs, PCBs, pesticides, organic lead, and CAM 17 metals. Not all of the samples submitted to the analytical laboratory will be analyzed for all of the test methods to be employed site-wide. The sample-specific analytical program for each sample is summarized in the sampling and analytical program listed in **Table 1**.

3.3..1 Soil Analyses

The overall planned soil sample analytical program is shown below:

- TVPH – EPA Method 8015 Modified;
- TEPH – EPA Method 8015 Modified;
- VOCs – EPA Method 8260B/5035;
- SVOCs – EPA Method 8270D
- Organo-chlorine pesticides – EPA Method 8081B
- PCBs – EPA Method 8082A
- 17 CAM Metals - EPA Methods 6010B/7471C (ICP/AA); and
- Organic Lead – California Method 939-M.

Samples will initially be selected for analysis in accordance with the sampling program outlined in **Table 1**, which specifies the sample depth, analytical tests, and samples to be held for analysis at each boring location. Soil samples from alternate depth intervals in the borings may be analyzed for VOC using EPA Method 8260B, and the remaining samples placed on hold with the laboratory for future analyses pending initial results. Generally, samples on hold will be released for analysis when adjacent samples have detectable VOC concentrations.

3.3..2 Groundwater Analyses

Six groundwater samples will be collected from borings VP-1 through VP-6 and submitted for VOC analysis by EPA Method 8260B. The detection limits for the analysis will be at least equal to the respective California Maximum Contaminant Levels (MCLs) for drinking water.

3.3..3 Soil Gas Analyses

A State-certified, on-site, mobile laboratory will be utilized to analyze soil gas samples for VOCs using United States Environmental Protection Agency (U.S. EPA) Method 8260 modified for soil gas analysis. The analytical suite will include PCE, TCE, c-DCE, vinyl chloride, benzene, toluene, ethylbenzene, total xylenes, and total volatile petroleum hydrocarbons). With the exception of vinyl chloride, the detection limits for the EPA Method 8260 analytes will at least equal the shallow soil gas human health screening levels for vapor

intrusion available in the *Use of California Human Health Screening Levels in Evaluation of Contaminated Properties*[3].

Soil gas samples will also be collected in 6-L Summa canisters from up to four locations for the purpose of measuring vinyl chloride. Preference will be given to collecting the Summa samples at the 5-foot depth in source areas to support health risk evaluations associated with indoor vapor intrusion. The Summa canisters will be analyzed at a fixed laboratory by EPA Method TO-15 with a detection limit of 0.5 µg/m^3 for vinyl chloride.

A list of VOC compounds and detection limits is provided in **Appendix C**.

3.4 Quality Assurance / Quality Control

This project will incorporate certain specified protocols to document the quality of the data collected during this site investigation. Soil and groundwater samples will be collected in compliance with EPA SW-846, and soil gas samples will be collected in compliance with the *Advisory – Active Soil Gas Investigations* (DTSC 2003). Sample analyses will be performed by laboratories certified by the National Environmental Laboratory Accreditation Program (NELAP) for the analyses requested.

An integral part of the sampling and analysis plan is a quality assurance/quality control program to ensure the reliability and compatibility of all data generated during the site investigation. The Quality Assurance Project Plan (QAPP) (**Appendix C**) provides specific descriptions of the field and laboratory procedures to be employed for verifying and maintaining performance quality for collection of environmental samples and subsequent chemical analysis. The QAPP sets forth the policies, procedures and activities for identifying, evaluating and documenting data quality.

The laboratory detection limits used will be below the EPA Region 9 Preliminary Remediation Goals (PRGs) for direct contact with soil in a residential exposure scenario, the PRGs listed soil screening levels for groundwater protection with a dilution attenuation factor of 1, and the California Human Health Screening Levels (CHHSLs), when applicable. Required detection limits are listed in **Appendix C**.

Field duplicates will be collected for QC samples at a rate of 5% of the primary samples and analyzed for the same constituents. Other aspects of the laboratory QA/QC program include calibration checks, matrix spike/matrix spike duplicates (MS/MSD) and laboratory control check samples (LCS).

One equipment blank will be obtained for analysis each day that non-disposable sampling equipment is utilized that comes into contact with the samples. The equipment blank is a vial of distilled water that is circulated through sampling equipment after decontamination, and is used to provide an indication of contamination introduced as a result of contamination resulting from sampling, equipment decontamination, or shipping procedures.

A trip blank will be analyzed for each day that liquids containing VOCs are sampled and a field blank or equipment blank is not being analyzed. The trip blank is a vial of distilled water included in the thermally-insulated ice chest during sampling and shipping. The trip blank will reside in the cooler with the samples and will be analyzed for VOCs by EPA Method 8260C. It is used to provide an indication of contamination introduced as a consequence of the sample shipping and handling activities.

[3] Use of California Human Health Screening Levels (CHHSLs) in Evaluation of Contaminated Properties, California Environmental Protection Agency, January 2005.

4.0 Baseline Health Risk Assessment Plan

Following the completion of the field activities and receipt of the analytical results, a baseline health risk assessment (BHRA) will be conducted. The purpose of the BHRA will be to estimate potential risks to human health from exposure to soil, soil gas, and groundwater at the site. The results of the BHRA will be used to evaluate whether further site characterization, additional risk assessment, or remedial action is necessary.

The BHRA will be conducted using the following four steps, as identified by the United States Environmental Protection Agency (USEPA, 1989):

- Data Evaluation
- Dose-Response Assessment
- Exposure Assessment
- Risk Characterization

USEPA guidance for baseline risk assessments will be followed, rather than California EPA's Preliminary Endangerment Assessment (PEA) Guidance Manual (CalEPA, 1994); because the PEA provides screening risk equations that only evaluate residential exposure. At this site, on-site worker and construction worker exposures are also possible. The default exposure parameters in the CalEPA Human Health Risk Assessment (HHRA) Note No. 1 (http://www.dtsc.ca.gov/AssessingRisk/upload/HHRA Note1.pdf) will be utilized to calculate reasonable maximum exposure (RME) estimates for residential, industrial, and construction worker receptors in the health risk assessment.

4.1 Data Evaluation

The purpose of the Data Evaluation is to compile the data collected at the site and summarize it for the purposes of the BHRA. The database will consist of data generated during the 2001 soil gas survey by CAPE, during the 2006 supplemental site investigation by ENSR, and during the subject additional site characterization. Data are available for soil, soil gas and groundwater; however, at this time it is uncertain what protocol was utilized during the 2001 soil gas survey. If the 2001 soil gas survey data are material to the health risk assessment, the protocol used in collecting and analyzing the samples will be discovered and attached to the ASC/BHRA report to facilitate evaluation.

For each medium, the data will be compiled into summary statistics. For each chemical, the statistics include the minimum and maximum detected concentrations, frequency of detection, and arithmetic mean concentrations. The Risk Assessment Guidance for Superfund: Volume I – Human Health Evaluation Manual, Part A (USEPA, 1989) will be used to develop the summary statistics.

Maximum soil gas and groundwater concentrations will be used to develop exposure point concentrations in accordance with the Interim Final Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air (DTSC, 2005).

In accordance with comments provide by the Department of Toxic Substances Control (DTSC; letter dated November 29, 2007), chemicals will not be initially screened using generic screening criteria. Instead, all detected organic chemicals will be retained as chemicals of potential concern (COPCs). Inorganic chemicals will be screened against relevant background levels, and any metals detected above background will also be retained as COPCs.

4.2 Dose-Response Assessment

The dose-response assessment involves identifying the types of adverse health effects a chemical may potentially cause, and to define the relationship between the dose of a chemical and the likelihood or magnitude of an adverse effect (response) (USEPA, 1989). Adverse effects are classified by USEPA as potentially carcinogenic or noncarcinogenic (i.e., potential effects other than cancer). Oral and inhalation dose-response values will be selected from primarily from California EPA's Office of Environmental Health Hazard Assessment (CalEPA) (2005a and b). USEPA sources will be consulted for any chemicals that do not have dose-response values listed by CalEPA. These sources include USEPA's Integrated Risk Information System (IRIS, USEPA, 2008) and USEPA's National Center for Environmental Assessment (NCEA). Combining the results of the dose-response assessment with information on the magnitude of potential human exposure provides an estimate of potential risk.

4.3 Exposure Assessment

The exposure assessment involves identifying receptors and exposure pathways. Although the site is currently industrial, a future on-site residential scenario will be evaluated to determine whether the site could pose unacceptable risks to potential future residents. Potential off-site receptors will also be evaluated. Based on potential land uses, the following receptors and exposure pathways will be evaluated:

On-site indoor worker – It will be assumed that an on-site indoor worker could be exposed through inhaling volatilized chemicals that have migrated from soil or groundwater to indoor air. The indoor air inhalation pathway will be modeled using CalEPA's version of the Johnson and Ettinger indoor air model (CalEPA, 2005b). Soil gas data will be used for the modeling effort.

On-site outdoor worker – It will be assumed that an on-site outdoor worker could be exposed to chemicals through incidental ingestion and dermal contact with affected soil, and through inhalation of vapors and particulates in outdoor air. Soil sampling results down to a depth of 10 feet will be used for these calculations, in accordance with DTSC's recommendation in its letter dated November 29, 2007.

On-site resident – A hypothetical future on-site resident will be evaluated. Both a child and adult resident will be evaluated. It will be assumed that an on-site resident could be exposed to chemicals through inhaling volatilized chemicals that have migrated from soil or groundwater to indoor air. Soil gas data will be used for the modeling effort. It will also be assumed that an on-site resident could be exposed to chemicals through incidental ingestion and dermal contact with affected surface soil, and through inhalation of vapors and particulates in outdoor air.

On-site construction worker – It will be assumed that an on-site construction worker could be exposed to chemicals through incidental ingestion and dermal contact with affected soil and groundwater, and through inhalation of vapors and particulates in outdoor air during an excavation activity.

Off-site resident – It will be assumed that an off-site resident located downgradient could be exposed through inhaling volatilized chemicals that could migrate from downgradient groundwater to indoor air. The indoor air inhalation pathway will be modeled using CalEPA's version of the Johnson and Ettinger indoor air model (CalEPA, 2005b). For the off-site resident pathway, downgradient groundwater data will be used for the modeling effort.

Off-site indoor worker – It will be assumed that an off-site worker located downgradient could be exposed through inhaling volatilized chemicals that could migrate from downgradient groundwater to indoor air. For the off-site worker pathway, downgradient groundwater data will be used for the modeling effort.

Appropriate exposure assumptions will be developed for each of the receptors and exposures will be calculated using equations provided in USEPA (1989), and the default exposure parameters in the CalEPA Human Health Risk Assessment (HHRA) Note No. 1.

4.4 Risk Characterization

The risk characterization is the process in which the dose-response information is integrated with quantitative estimates of human exposure derived in the exposure assessment. The result is a quantitative estimate of the likelihood that humans will experience any adverse health effects given the exposure assumptions made. Two general types of health risk are characterized for each potential exposure pathway considered: potential carcinogenic risk and potential noncarcinogenic risk.

The purpose of carcinogenic risk characterization is to estimate the upper-bound likelihood, over and above the background cancer rate, that a hypothetical receptor will develop cancer in his or her lifetime as a result of exposure to environmental chemicals. The total potential cancer risk is compared to USEPA's target cancer risk range of 10^{-4} to 10^{-6} (one in ten thousand to one in one million).

Noncarcinogenic risk is expressed as a Hazard Index (HI), which is a ratio of the estimated dose of a chemical at a site over a threshold dose. When the HI is less than 1, the target has not been exceeded, and no adverse noncarcinogenic effects are expected. If the HI is greater than 1, there may be a potential for adverse noncarcinogenic health effects to occur; however, the magnitude of the HI cannot be directly equated to a probability or effect level. Where the total site HI is greater than 1 for any receptor, a more detailed evaluation of potential noncarcinogenic effects based on specific health or target endpoints (e.g., liver effects, neurotoxicity) is performed (USEPA, 1989). The target HI is 1 on a per target endpoint basis.

The final health risk assessment will present the uncertainties on the risk estimates. This discussion will include major uncertainties associated with the various steps of the risk assessment, and possible effects on risk estimates for the site.

5.0 References

AmeriPride Services Inc. (AmeriPride), 2006, *Untitled* (c.1950-1980): E-size drawing from AmeriPride site records depicting water distribution system and layout of buildings and tanks at the Former Welch's Facility at 3505 Pasadena Avenue.

Arcadis G&M, Inc., 2005, *Second Quarter 2005 Progress Report – ITT Cannon – Humboldt Street Site (Former Kennington Property), Los Angeles, CA* (August 2005).

C.W. Cook Co. (Cook), 1964, *Site Plan, Welch's Overall Cleaning Co., 3505 Pasadena Avenue, Los Angeles, California*: C.W. Cook Job No. 33035-A, an A.T.A. Survey for Lots 1 & 4, Tract 23801, MB 682-49/50.

California Department of Water Resources (CDWR), 1961, *Bulletin 104, Planned Utilization of the Ground Water Basins of the Coastal Plain of Los Angeles – Appendix A* (June 1961).

CalEPA. 1994. Preliminary Endangerment Assessment Guidance Manual. State of California Environmental Protection Agency. Department of Toxic Substances Control. January 1994.

California Environmental Protection Agency (CalEPA), 2005a, *Use of California Human Health Screening Levels in Evaluation of Contaminated Properties*: Department of Toxics Substances Control (January 2005).

_____, 2005b, *Interim Final Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air*: Department of Toxics Substances Control (February 2005).

CalEPA. 2005a. All Chronic Reference Exposure Levels Adopted by OEHHA as of February 2005. Office of Environmental Health Hazard Assessment. http://www.oehha.org/air/chronic_rels/AllChrels.html.

CalEPA. 2005b. California Cancer Potency Values. August 2005. http://www.oehha.org/risk/pdf/092204cpf_alpha.pdf

Cape Environmental Management, Inc. (CAPE), 2000, *Confirmatory Soil Sampling and Monitoring Well Installation Report, Former Welch's Uniform Facility, 3505 Pasadena Avenue, Los Angeles, California* (November 2000).

_____, 2002, *Results of Soil Gas Survey at the Former Welch's Uniform Facility Site, 3505 Pasadena Avenue, Los Angeles, California* (January 2002).

_____, 2004, *UST Closure Report* (August 2004): AmeriPride records for removal of (1) 1K-Gal tank from the former Welch's Uniform Facility Site, 3505 Pasadena Avenue, Los Angeles, California under Permit #11745.

_____, 2005, *Third Quarter 2005 Groundwater Monitoring and Sampling Report, Former Welch's Uniform Facility, 3505 Pasadena Avenue, Los Angeles, California* (October 2005).

CET Environmental Services, Inc. (CET), 1998, *Status Report Soil Remediation Program – Former Welch's Uniform Rental Facility, 3505 Pasadena Avenue, Los Angeles, California* (1998).

Department of Toxic Substances Control (DTSC) and the California Regional Water Quality Control Board Los Angeles Region, 2003, *Advisory – Active Soil Gas Investigations*, January 28.

DTSC, 2007, Correspondence, November 29.

Environmental Data Resources (EDR), 2005a, *Radius Map with GeoCheck Report, Former Welch's Uniform Facility, 3505 Pasadena Avenue, Los Angeles, California* (September 2005).

_____, 2005b, *Aerial Photographs dated 1928, 1938, 1947, 1956, 1965, 1976, 1989, 1994 and 2002 of 3505 Pasadena Avenue, Los Angeles, California* (September 2005).

_____, 2005c, *Historic Topographic Map Report, USGS Topographic Quadrangle Maps, Los Angeles, CA dated 1913, 1915, 1928, 1953, 1966 (photorevised 1972, 1981, 1994), Former Welch's Uniform Facility, 3505 Pasadena Avenue, Los Angeles, California* (September 2005).

_____, 2005d, *Sanborn Maps, Former Welch's Uniform Facility, 3505 Pasadena Avenue, Los Angeles, California* (September 2005).

_____, 2005e, *City Directory Report, Former Welch's Uniform Facility, 3505 Pasadena Avenue, Los Angeles, California* (September 2005).

_____, 2005f, *Offsite Receptor Report, Former Welch's Uniform Facility, 3505 Pasadena Avenue, Los Angeles, California* (September 2005).

ENSR, 2005, *Site Conceptual Model and Work Plan, Former Welch's Uniform Site, 3505 Pasadena Avenue, Los Angeles, California* (November 2005).

_____, 2006a, *Revised Addendum to Site Conceptual Model and Work Plan – Soil Only, Former Welch's Uniform Site, 3505 Pasadena Avenue, Los Angeles, California* (February 2006).

_____, 2006b, *Revised Addendum to Site Conceptual Model and Work Plan – Groundwater Only, Former Welch's Uniform Site, 3505 Pasadena Avenue, Los Angeles, California* (March 2006).

_____, 2007a, *Supplementary Site Assessment Report and Site Conceptual Model Update, Former Welch's Uniform Facility, 3505 Pasadena Avenue, Los Angeles, California* (September 2007).

_____, 2007b, *Third Quarter 2007 Groundwater Sampling Results, Former Welch's Uniform Facility, 3505 Pasadena Avenue, Los Angeles, California* (October 2007).

Kleinfelder, 1987, Report of Environmental Investigation, Welch's Uniform Rental, 3505 Pasadena Avenue, Los Angeles, CA, October 22.

Los Angeles City Fire Department (LAFD), 1987, Notification of Underground Tank Abandonment by removal of (1) 2K-gal diesel from 3505 Pasadena Avenue, Los Angeles, California under Permit #55660, February.

_____, 1988a, Permit #58783 for Underground Tank Abandonment of (1) 10K-gal gasoline, (1) 6K-gal diesel by filling, (1) 1K-gal diesel, (1) 1K-gal gasoline by filling, and (1) 8K-gal PCE at 3505 Pasadena Avenue, Los Angeles, California, February.

_____, 1988b, Notification of Underground Tank Abandonment by removal of (1) 10K-gal gasoline, and (1) 1K-gal diesel from 3505 Pasadena Avenue, Los Angeles, California under Permit #58783, February.

_____, 1988c, Permit #61763 for Underground Tank Abandonment of (2) 1,500-gal, (1) 800-gal, and (2) 750-gal solvent tanks at 3505 Pasadena Avenue, Los Angeles, California, December.

_____, 1989, Notification of Underground Tank Abandonment by removal of (2) 1,250-gal, (1) 550-gal, and (2) 250-gal solvent tanks from 3505 Pasadena Avenue, Los Angeles, California under Permit #61763, January.

_____, 2004, Permit #11745 for UST Abandonment by Removal of (1) 1K-gal tank at 3505 Pasadena Avenue, Los Angeles, California, May.

Los Angeles County Department of Public Works (LACDPW), 1991, Hydrologic Records Division.

Regional Water Quality Control Board, Los Angeles Region (RWQCBLA), 1999, *Review of Reports – Former Welch's Uniform Facility at 3505 Pasadena Avenue, Los Angeles, California*: Letter from S. Han (LARWQB Geologist) to J. Burlingame (AmeriPride Services Inc.), October.

_____, 2001, *Review of Confirmation Soil Sampling and Groundwater Monitoring Reports – Former Welch's Uniform Facility at 3505 Pasadena Avenue, Los Angeles, California*: Letter from S. Han (LARWQB Geologist) to J. Burlingame (AmeriPride Services Inc.), January.

_____, 2001, *Work Plan Approval – Former Welch's Uniform Facility at 3505 Pasadena Avenue, Los Angeles, California*: Letter from J. Sharp (LARWQB Geologist) to J. Burlingame (AmeriPride Services Inc.), October.

Regional Water Quality Control Board, San Francisco Bay Region (RWQCBSF), 2005, *Screening For Environmental Concerns at Sites With Contaminated Soil and Groundwater*, February

Thorne Environmental Inc. (Thorne), 1989, *Site Characterization Report, Welch's Uniform Rental, Los Angeles*, May 10.

_____, 1990, *Phase II Groundwater Assessment - Welch's Uniform Rental Company, Los Angeles*, June.

_____, 1991, *Interim Status Report Soil Remediation, Former Welch's Uniform Rental, Los Angeles*, September.

U.S. Army Corp of Engineers, 2005, *Arroyo Seco Watershed Management Study, Feasibility Phase Project Management Plan*, Los Angeles, California, May.

U.S. Environmental Protection Agency (USEPA). 1989. *Risk Assessment Guidance for Superfund: Volume I. Human Health Evaluation Manual (Part A). Interim Final*. Office of Emergency and Remedial Response. U.S. Environmental Protection Agency, Washington, D.C. EPA 540/1-89/002.

_____, 2002. *Calculating Upper Confidence Limits for Exposure Point Concentrations at Hazardous Waste Sites*. OSWER 9285.6-10. December 2002.

_____, 2004, *Preliminary Remediation Goals*: U.S. Environmental Protection Agency, Region IX, October, http://www.epa.gov/region09/waste/sfund/prg/index.htm

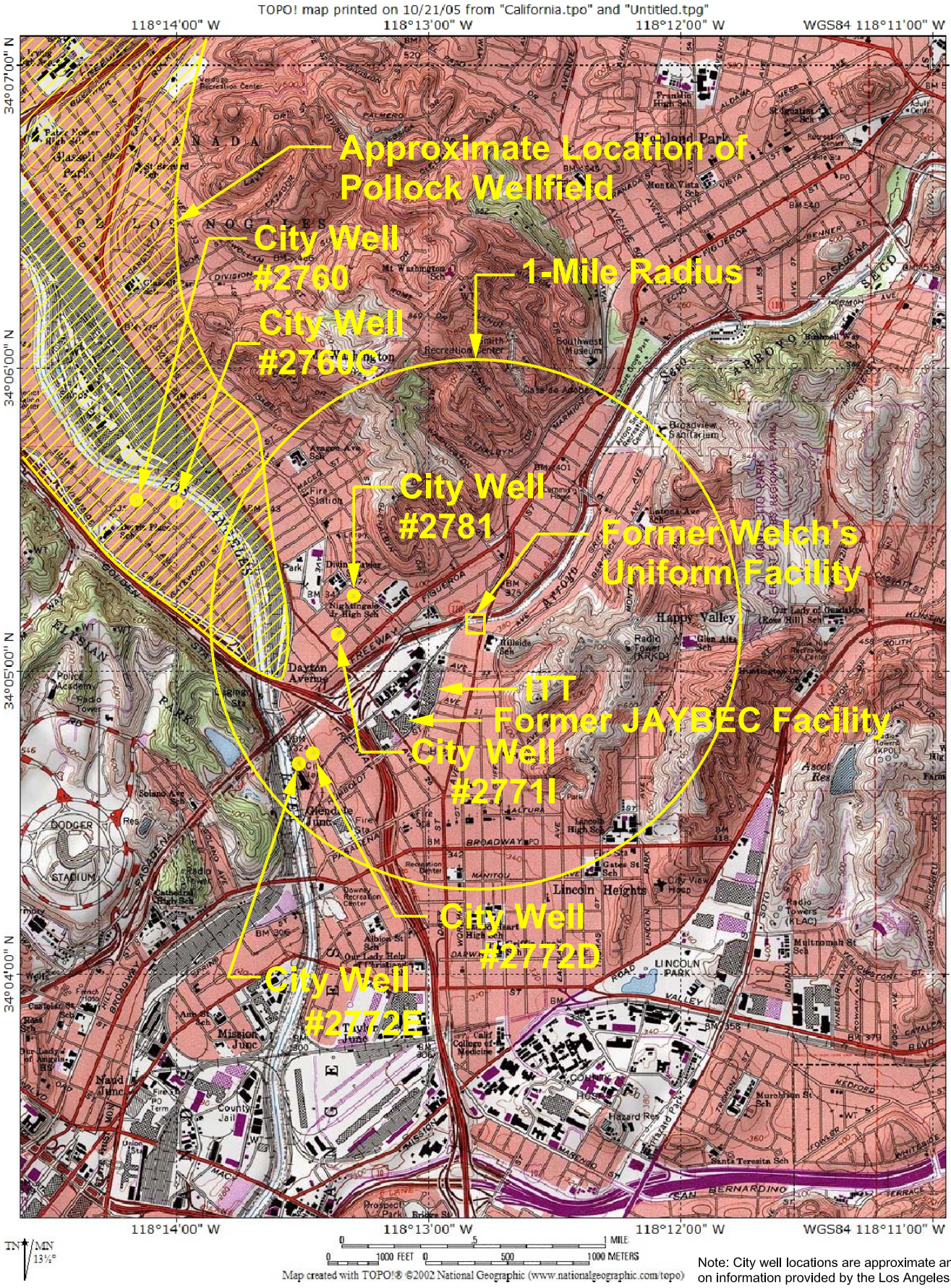
_____, 2007, *Superfund Site Information*, U.S. EPA internet website http://www.epa.gov/superfund/sites/cursites/, July.

_____, 2007b. *ProUCL Version 4.00.02 User Guide*. USEPA. EPA/600/R07/038, April 2007.

_____. 2008. *Integrated Risk Information System (IRIS)*. Environmental Criteria and Assessment Office. U.S. Environmental Protection Agency, Cincinnati, OH. [URL: http:\\www.epa.gov/ngispgm3/iris]

U.S. Geological Survey (USGS), 1966 (photorevised 1994), *Los Angeles Quadrangle, California - Los Angeles County*, 7.5-minute series (topographic): USGS, scale 1:24,000, 1 sheet.

Figures



Note: City well locations are approximate and based on information provided by the Los Angeles County

ENSR | AECOM

ENSR CORPORATION
999 WEST TOWN AND COUNTRY ROAD
4TH FLOOR
ORANGE, CALIFORNIA 92868
PHONE: (714) 973-9740
FAX: (714) 973-9750
WEB: HTTP://WWW.ENSR.AECOM.COM

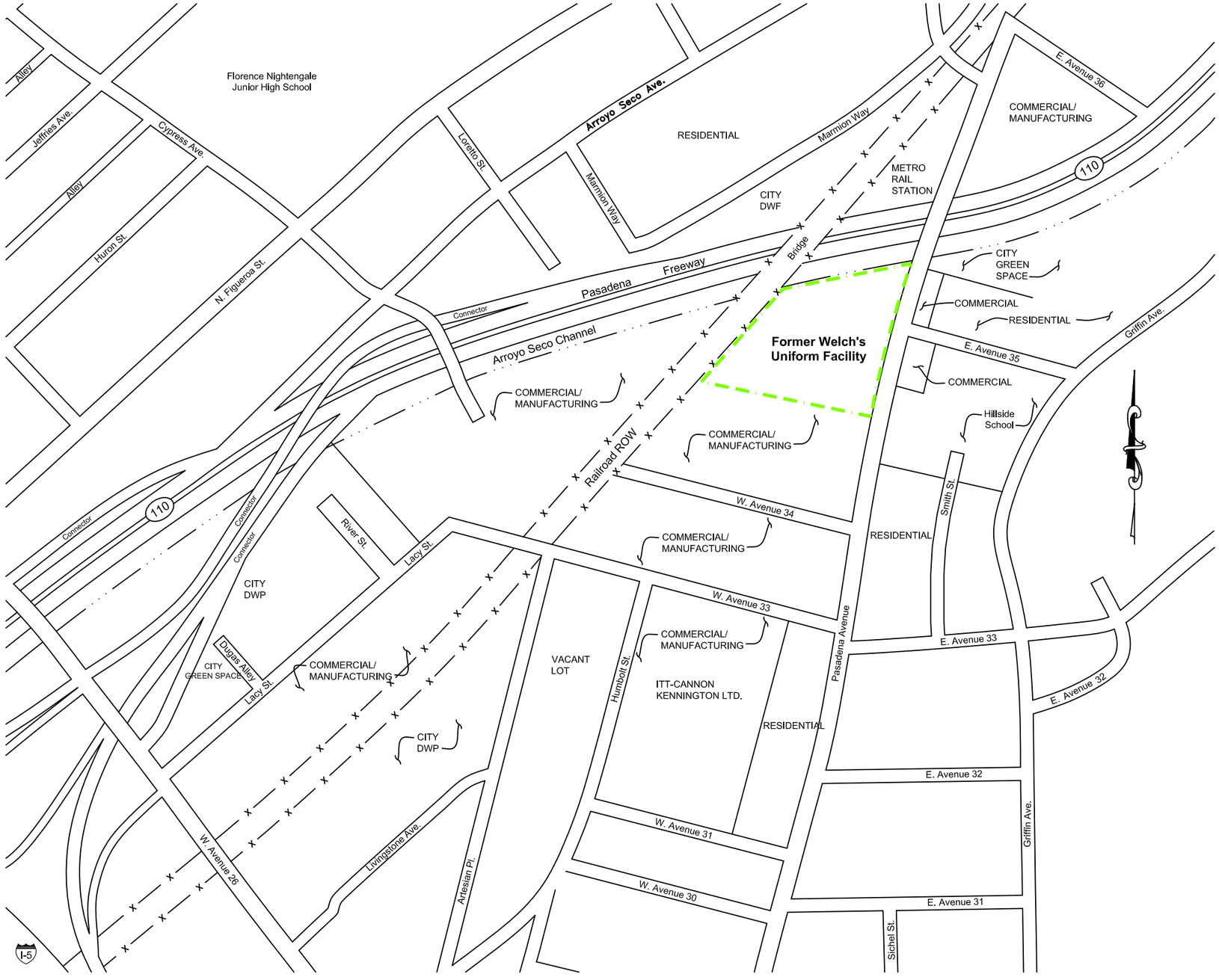
SITE LOCATION MAP

Former Welch's Uniform Facility
3505 Pasadena Avenue
Los Angelas, California

FIGURE NUMBER: 1

DRAWN BY:	DATE:	PROJECT NUMBER:	CHECKED BY:
KM	02/04/08	10770-003	JO

FILENAME: 10770030600A



DESIGNED BY:	REVISIONS		
JO	NO:	DESCRIPTION:	DATE: BY:
DRAWN BY:	1	UPDATED WELLS AND REVISED LOCATIONS BASED ON SURVEY	25 JUL 06
AG	2	REMOVE WELLS CHANGE SITEE NAME	02 FEB 08 KM
CHECKED BY:			
JO			
APPROVED BY:			
JO			

ENSR | AECOM

ENSR CORPORATION
999 WEST TOWN AND COUNTRY ROAD
4TH FLOOR
ORANGE, CALIFORNIA 92868
PHONE: (714) 973-9740
FAX: (714) 973-9750
WEB: HTTP://WWW.ENSR.AECOM.COM

VICINITY MAP

Former Welch's Uniform Facility
3505 Pasadena Avenue
Los Angeles, California

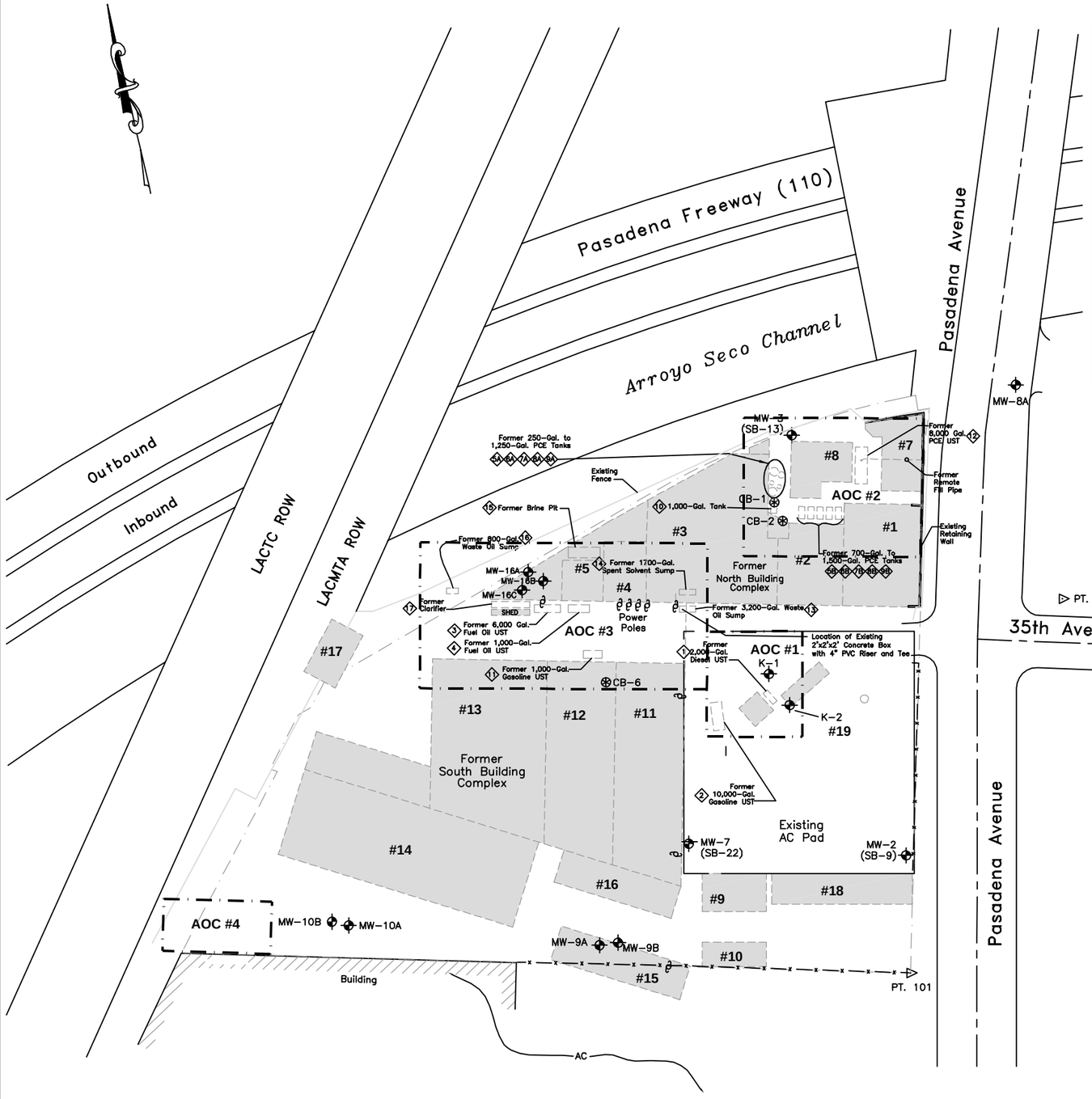
SCALE:	DATE:	PROJECT NUMBER:
1" = 400'	02/04/08	10070-003-500

FIGURE NUMBER:

2

FILENAME:

107700030600B



BUILDING LIST

No.	Use	Construction
1	Offices / Stock Room	3,400-SF, 2-St, Br
2	Stock Room / Washing Area	2,700-SF, 2-St, Br
3	Dryers / Gas Irons / Washing Area	6,600-SF, 2-St, Br
4	Boiler Room	1,600-SF, 1-St, Br
5	Boiler Room	1,000-SF, 1-St, Br
6	Maintenance Shops	1,400-SF, 1-St, CI&WF
7	Dry-Cleaning Room	1,400-SF, 1-St, Br
8	Dry-Cleaning Room	1,200-SF, 1-St, Br
9	Storage and Equipment	1,100-SF, 1-St, CI&WF
10	Storage and Equipment	700-SF, 1-St, CI&WF
11	Offices / Stock Room	6,400-SF, 1-St, Br
12	Distribution & Production	6,500-SF, 1-St, Br
13	Washing Area	8,700-SF, 1-St, CI&WF
14	Stock Room & Distribution	11,900-SF, 1-St, CI&WF
15	No Record	2,000-SF, 1-St, CI&WF
16	No Record	1,800-SF, 1-St, CI&WF
17	No Record	800-SF, 1-St, CI&WF
18	Vehicle Garage	2,000-SF, 1-St, CI&WF
19	Vehicle Maintenance	200-SF, 1-St, Br
20	Lunch Area	300-SF, Canopy

SF = Square Foot
St = Story
Br = Brick
CI&WF = Corrugated Iron & Wood Frame

UST & SUMP LIST

No.	Gallons	Service	Status
1	2,000	Diesel	Removed 1987
2	10,000	Gasoline	Removed 1988
3	6,000	Fuel Oil	Filled 1988
4	1,000	Diesel	Removed 1988
5A	1,250	Solvent	Removed 1989
5B	1,500	Solvent	No Record
6A	1,250	Solvent	Removed 1989
6B	1,500	Solvent	No Record
7A	250	Solvent	Removed 1989
7B	700	Solvent	No Record
8A	250	Solvent	Removed 1989
8B	700	Solvent	No Record
9A	550	Solvent	Removed 1989
9B	1,000	Solvent	No Record
10	1,000	Solvent	Removed 2004
11	1,000	Gasoline	Filled 1988
12	8,000	PCE	Filled or Removed 1988
13	3,200	Waste Oil Sump	Removed 1988
14	1,700	Spent Solvent Sump	Removed 1988
15	No Record	Brine Pit	No Record
16	800	Waste Oil Sump	Removed 1988
17	No Record	Clarifier / Blow-down Pit	No Record

Legend

- AmeriPride Property Line
- Fence
- Retaining Wall
- Area of Concern (AOC)
- **AOC #1** Former Motor Vehicle Fueling Area
- **AOC #2** Former Dry Cleaning Area
- **AOC #3** Driveway Area
- **AOC #4** Southwest Corner of Site
- MW-4 Surveyed Location of Groundwater Monitoring Well
- 4.2 PCE Concentration in Soil, µg/µg
- Former Building Footprint
- Former Tank Location (Locations are Approximate)
- SB-32 Soil Boring—Completed in 2006 (Not Surveyed, Location is Approximate)
- CB-6 Approximate Location of Confirmation Boring Completed in 2000

Sources:

Field Survey No. B06087 by WM Holdings Inc., Ventura, CA. 11 July 2006.

County of Los Angeles, California Assessor's Office Map #5205-4, 1998

1994 Fairchild Aerial Photo

1938, 1956, and 1998 Aerial Photos.

Field Survey No. 33035A by C.W. Cook Co., Los Angeles, CA. 9 Nov 1964.

Thorne Environmental Sketches (Unscaled)

Facility Drawings (undated and unnumbered).

REVISIONS			
NO:	DESCRIPTION:	DATE:	BY:
1	ISSUANCE OF SSAR	8/6/07	JO
2	2008 WORK PLAN	2/4/08	JO

DESIGNED BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
JO	AG	JO	JO

ENSR | AECOM
ENSR CORPORATION
999 WEST TOWN AND COUNTRY ROAD
4TH FLOOR
ORANGE, CALIFORNIA 92868
PHONE: (714) 973-9740
FAX: (714) 973-9750
WEB: HTTP://WWW.ENSR.AECOM.COM

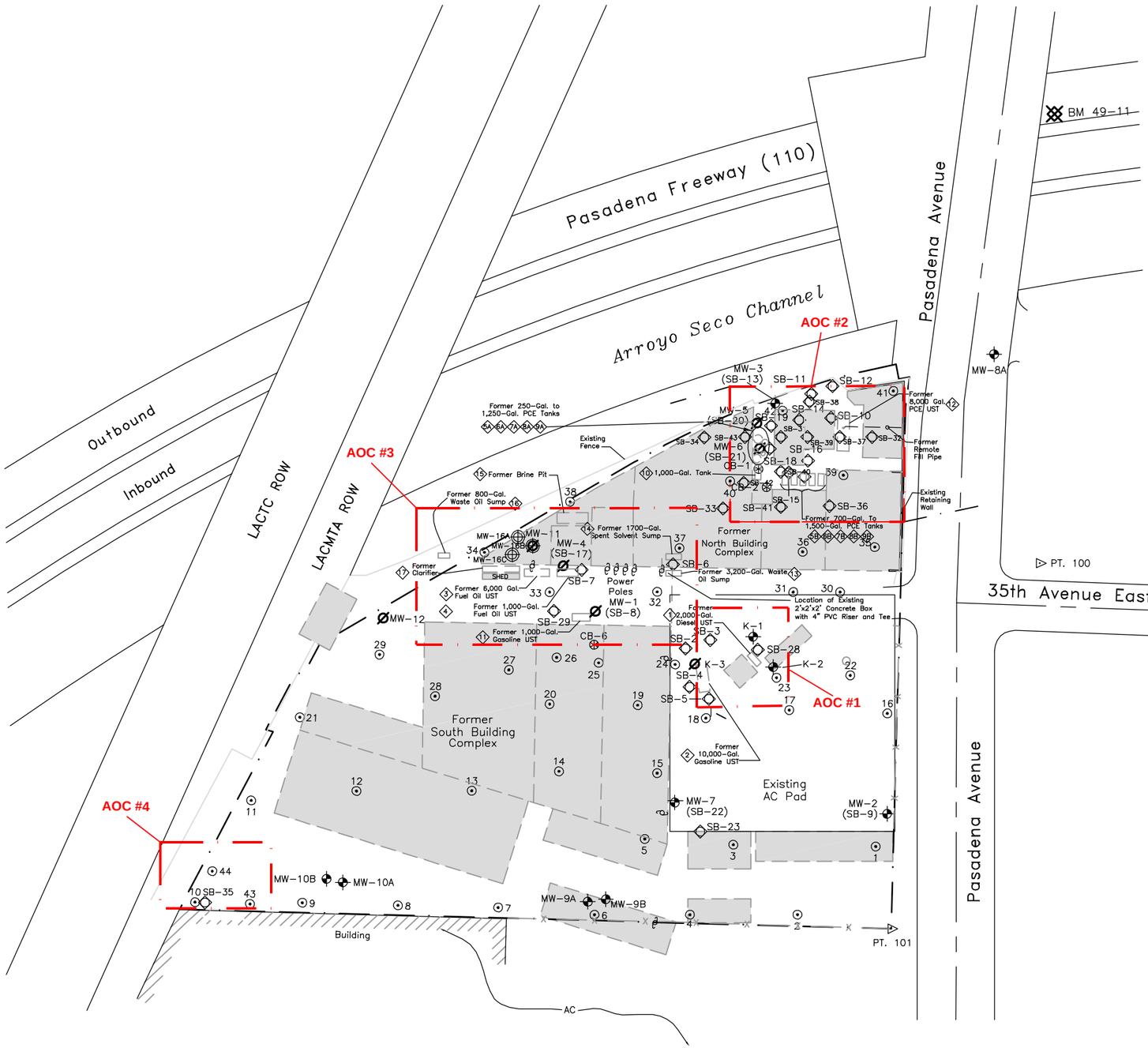
SITE PLAN

Former Welch's Uniform Facility
3505 Pasadena Avenue
Los Angeles, California

SCALE:	DATE:	PROJECT NUMBER:
1" = 80'	02/04/08	10770-003-500

FIGURE NUMBER: 3

FILENAME: 107700030600C



Legend

- AmeriPride Property Line
- Building Wall
- Fence
- Retaining Wall
- MW-4 — Monitoring Well
- Abandoned / Destroyed Monitoring Well
- PT. 100 — Steel Pin
- AC — Asphalt Concrete Surface
- Former Building and Tank Location (Locations are Approximate)
- Power Pole
- CB-1 — Confirmation Boring Location (Cape, 2000)
- 41 — Soil Gas Sample Location (Cape, 2001)
- SB-5 — Soil Sample Location
- AOC #2 — Area of Concern

Sources:

1. Field Survey No. B06087 by WM Holdings Inc., Ventura, CA. 11 July 2006.
2. County of Los Angeles, California Assessor's Office Map #5205-4, 1998
3. 1994 Fairchild Aerial Photo
4. 1938, 1956, and 1998 Aerial Photos.
5. Field Survey No. 33035A by C.W. Cook Co., Los Angeles, CA. 9 Nov 1964.
6. Thorne Environmental Sketches (Unscaled)
7. Facility Drawings (undated and unnumbered).
8. Cape Environmental.

80 60 40 20 0 20 40 60 80
Approximate Scale in Feet

REVISIONS			
NO:	DESCRIPTION:	DATE:	BY:
1	UPDATED WELLS AND REVISED LOCATIONS BASED ON SURVEY	25 JUL 06	
2	ISSUANCE OF SSAR	8/6/07	JO
3	2008 WORK PLAN	2/3/08	JO

DESIGNED BY:	JO
DRAWN BY:	AG
CHECKED BY:	JO
APPROVED BY:	JO

ENSR | AECOM
ENSR CORPORATION
999 WEST TOWN AND COUNTRY ROAD
4TH FLOOR
ORANGE, CALIFORNIA 92868
PHONE: (714) 973-9740
FAX: (714) 973-9750
WEB: HTTP://WWW.ENSR.AECOM.COM

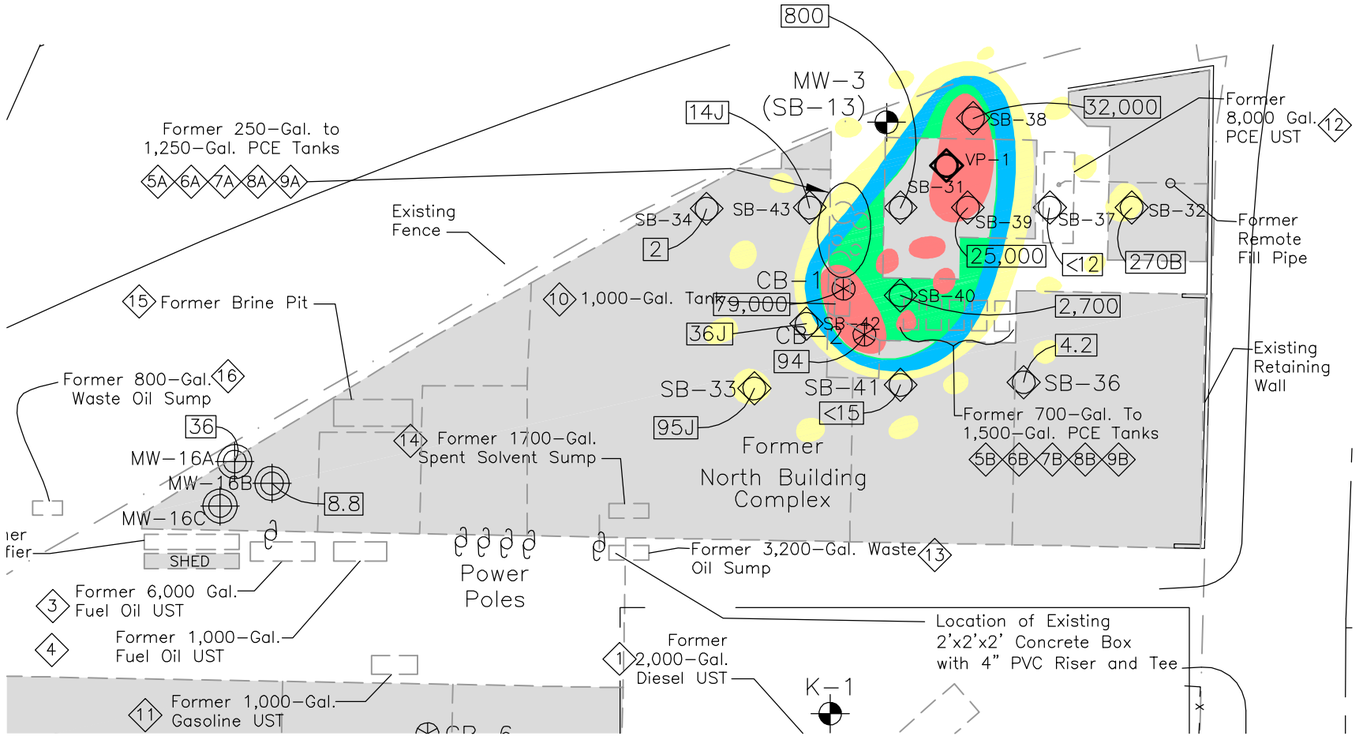
PREVIOUS SITE ASSESSMENT LOCATIONS

Former Welch's Uniform Facility
3505 Pasadena Avenue
Los Angeles, California

SCALE:	DATE:	PROJECT NUMBER:
AS SHOWN	08/01/06	10070-003-500

FIGURE NUMBER: 4

FILENAME: 1077000350



Legend

- AmeriPride Property Line
- Fence
- Retaining Wall
- MW-4 — Existing Groundwater Monitoring Well
- 4.2 PCE — Concentration in Soil, µg/µg
- Former Building Footprint
- Former Tank Location (Locations are Approximate)
- SB-32 — Soil Boring–Completed in 2006 (Not Surveyed, Location is Approximate)
- CB-6 — Approximate Location of Confirmation Boring Completed in 2000
- New Ground Water Monitoring Well
- VP-1 — Proposed Soil Boring
- 60 to 480 µg/kg PCE @ 35 FEET BGS
- 480 to 1,300 µg/kg PCE @ 35 FEET BGS
- 1,300 to 10,000 µg/kg PCE @ 35 FEET BGS
- Greater than 10,000 µg/kg PCE 35 FEET BGS

Sources:

Field Survey No. B06087 by WM Holdings Inc., Ventura, CA. 11 July 2006.

County of Los Angeles, California Assessor's Office Map #5205–4, 1998

1994 Fairchild Aerial Photo

1938, 1956, and 1998 Aerial Photos.

Field Survey No. 33035A by C.W. Cook Co., Los Angeles, CA. 9 Nov 1964.

Thorne Environmental Sketches (Unscaled)

Facility Drawings (undated and unnumbered).

Cape Environmental.

40 30 20 10 0 10 20 30 40
Approximate Scale in Feet

REVISIONS			
NO:	DESCRIPTION:	DATE:	BY:
1	ISSUANCE OF SSAR	8/6/07	JO
2	2008 WORK PLAN	2/3/08	JO

DESIGNED BY: JO
DRAWN BY: AG
CHECKED BY: JO
APPROVED BY: JO

ENSR | AECOM
ENSR CORPORATION
999 WEST TOWN AND COUNTRY ROAD
4TH FLOOR
ORANGE, CALIFORNIA 92868
PHONE: (714) 973-9740
FAX: (714) 973-9750
WEB: HTTP://WWW.ENSR.AECOM.COM

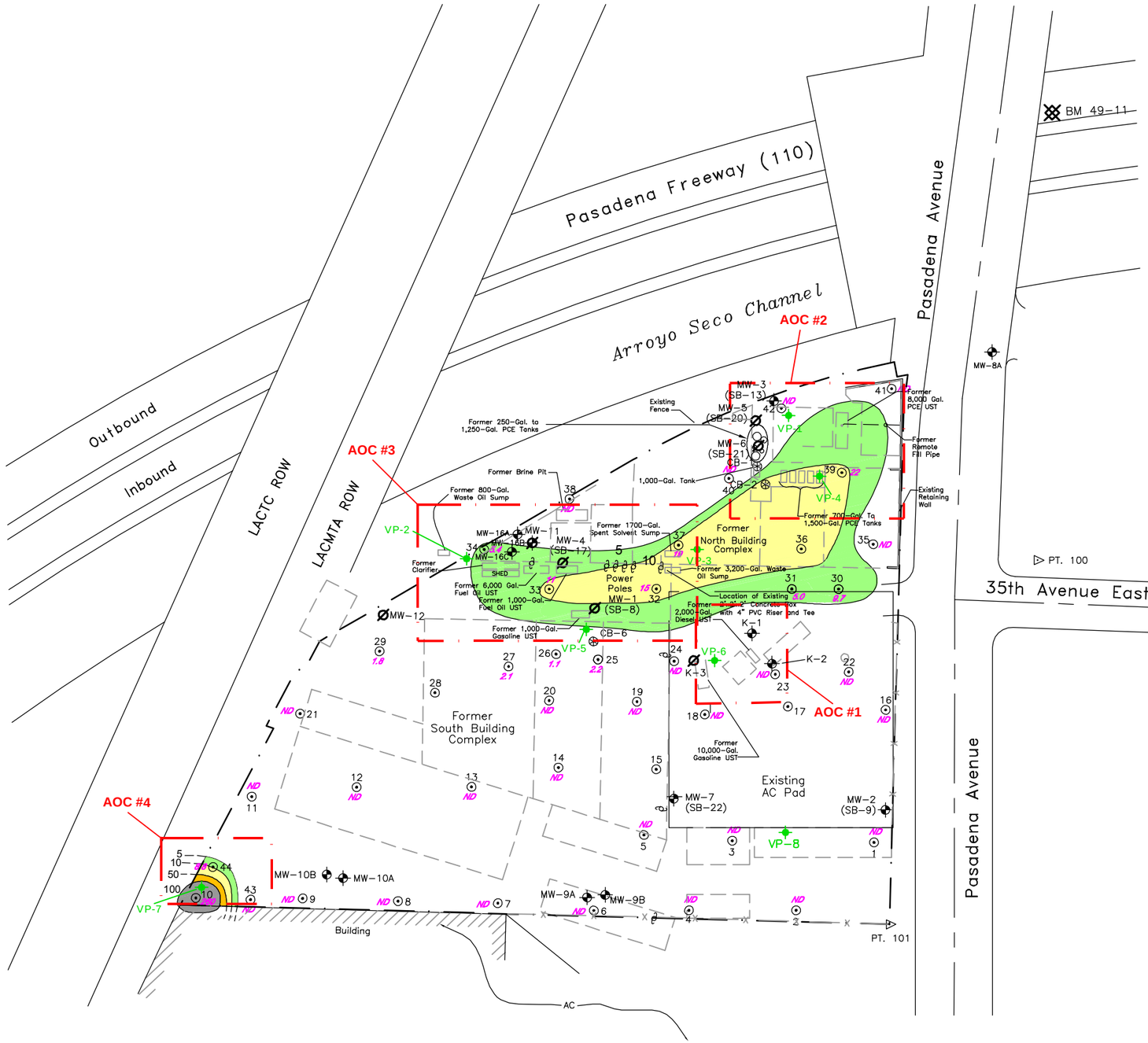
SATURATED SOIL SAMPLE LOCATIONS

Former Welch's Uniform Facility
3505 Pasadena Avenue
Los Angeles, California

SCALE: 1" = 40'
DATE: 06/08/07
PROJECT NUMBER: 10770-003-500

FIGURE NUMBER: 5

FILENAME: 1077000350



Legend

- AmeriPride Property Line
- Building Wall
- Fence
- Retaining Wall
- MW-4 — Monitoring Well
- PT. 100 — Steel Pin
- AC — Asphalt Concrete Surface
- Former Building and Tank Location (Locations are Approximate)
- 29 ND — PCE Concentration ug/L; Previous Soil Gas Sample Point; Soil Gas Sample ID
- CB-1 — Soil Confirmation Sample Point
- VP-1 — Proposed Soil Vapor Probe Location
- Power Pole
- >5 μG/L PCE IN SOIL GAS
- >10 μG/L PCE IN SOIL GAS
- >50 μG/L PCE IN SOIL GAS
- >100 μG/L PCE IN SOIL GAS
- AOC #2 — Area of Concern

Sources:

1) Soil Gas Survey, Project No. 02497.001.002 by Cape Environmental, 27-29 Nov, 2001. Samples collected 8 to 10 feet below ground surface.
2) Field Survey No. B06087 by WM Holdings Inc., Ventura, CA. 11 July 2006.
3) County of Los Angeles, California Assessor's Office Map #5205-4, 1998
4) 1994 Fairchild Aerial Photo
5) 1938, 1956, and 1998 Aerial Photos Reconciled with Thorne Environmental Sketches

80 60 40 20 0 20 40 60 80
Approximate Scale in Feet

REVISIONS			
NO:	DESCRIPTION:	DATE:	BY:
1	UPDATED WELLS AND REVISED LOCATIONS BASED ON SURVEY	25 JUL 06	
2	ISSUANCE OF SSAR	8/6/07	JO
3	2008 WORK PLAN	2/3/08	JO

DESIGNED BY:	JO
DRAWN BY:	AG
CHECKED BY:	JO
APPROVED BY:	JO

ENSR | AECOM
ENSR CORPORATION
999 WEST TOWN AND COUNTRY ROAD
4TH FLOOR
ORANGE, CALIFORNIA 92868
PHONE: (714) 973-9740
FAX: (714) 973-9750
WEB: HTTP://WWW.ENSR.AECOM.COM

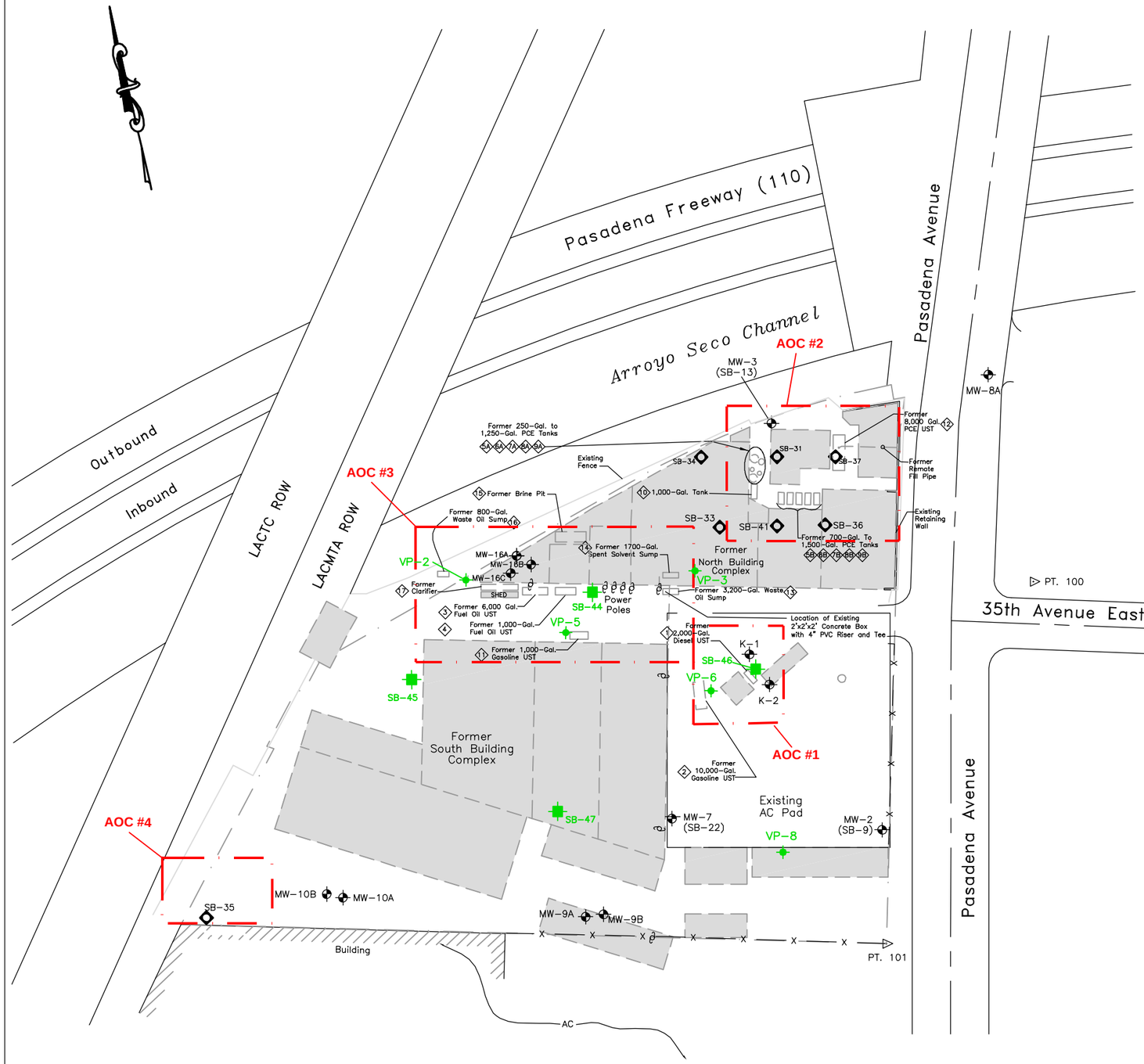
SOIL VAPOR PROBE LOCATIONS

Former Welch's Uniform Facility
3505 Pasadena Avenue
Los Angeles, California

SCALE:	DATE:	PROJECT NUMBER:
1" = 80'	08/01/06	10070-003-500

FIGURE NUMBER: 6

FILENAME: 1077000350



Legend

- AmeriPride Property Line
- Fence
- Retaining Wall
- MW-4 — Surveyed Location of Groundwater Monitoring Well
- Former Building Footprint
- Former Tank Location (Locations are Approximate)
- SB-32 — Previous Soil Boring For Near-Surface Soil Sample – Completed in 2006 (Not Surveyed, Location is Approximate)
- CB-6 — Approximate Location of Confirmation Boring Completed in 2000
- SB-44 — Proposed Soil Boring For Near-Surface Soil Sample
- VP-2 — Proposed Soil Boring For Near-Surface Soil Sample to be Completed as Soil Vapor Probe Nest
- AOC #2 — Area of Concern

Sources:

Field Survey No. B06087 by WM Holdings Inc., Ventura, CA. 11 July 2006.

County of Los Angeles, California Assessor's Office Map #5205-4, 1998

1994 Fairchild Aerial Photo

1938, 1956, and 1998 Aerial Photos.

Field Survey No. 33035A by C.W. Cook Co., Los Angeles, CA. 9 Nov 1964.

Thorne Environmental Sketches (Unscaled)

Facility Drawings (undated and unnumbered).

REVISIONS			
NO:	DESCRIPTION:	DATE:	BY:
1	ISSUANCE OF SSAR	8/6/07	JO
2	2008 WORK PLAN	2/3/08	JO

DESIGNED BY: JO
DRAWN BY: AG
CHECKED BY: JO
APPROVED BY: JO

ENSR | AECOM
ENSR CORPORATION
999 WEST TOWN AND COUNTRY ROAD
4TH FLOOR
ORANGE, CALIFORNIA 92868
PHONE: (714) 973-9740
FAX: (714) 973-9750
WEB: HTTP://WWW.ENSR.AECOM.COM

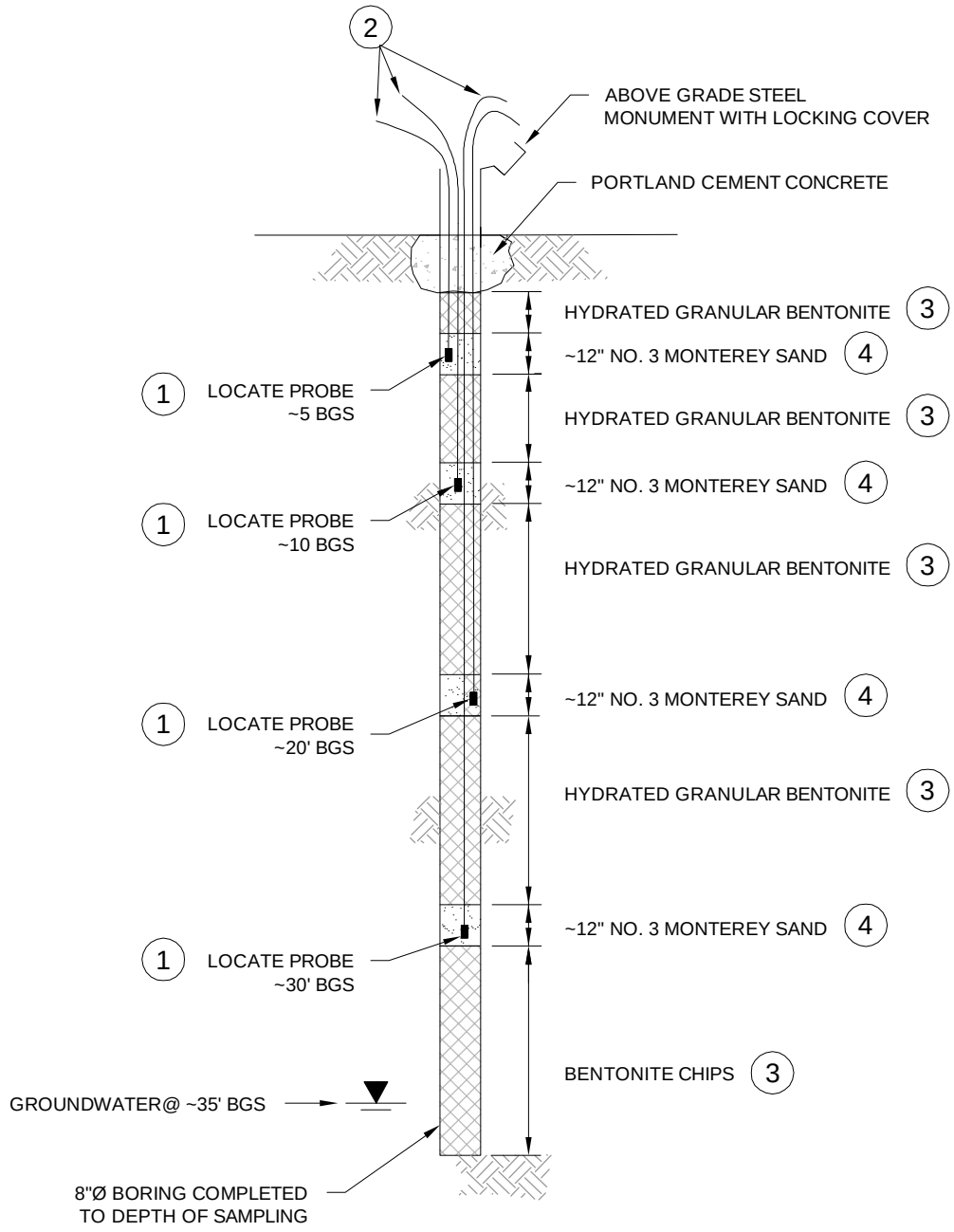
NEAR-SURFACE SOIL SAMPLE LOCATIONS

Former Welch's Uniform Facility
3505 Pasadena Avenue
Los Angeles, California

SCALE: 1" = 80'
DATE: 06/08/07
PROJECT NUMBER: 10770-003-500

FIGURE NUMBER: 7

FILENAME: 1077000350



NOTES:

1. 3/8"Ø X 6" LNG S.S. MESH PROBES
2. 1/4" O.D. NYLON TUBING WITH AUTO-CLOSING QUICK DISCONNECTS
3. TREMMIE AND HYDRATE BENTONITE IN 6" LIFTS
4. INCLUDE APPROX. 2" OF #2/12 - #2/16 FINE SAND AT TOP AND BOTTOM OF EACH 12" SAND INTERVAL TO HELP PREVENT BENTONITE FROM PLUGGING FILTER PACK AROUND PROBE. MINIMIZE HYDRATION IN FIRST LIFT OF BENTONITE ABOVE SAND INTERVAL.

NOT TO SCALE

ENSR | AECOM

ENSR CORPORATION
999 WEST TOWN AND COUNTRY ROAD
4TH FLOOR
ORANGE, CALIFORNIA 92868
PHONE: (714) 973-9740
FAX: (714) 973-9750
WEB: HTTP://WWW.ENSR.AECOM.COM

VAPOR PROBE CONSTRUCTION DETAIL

FORMER WELCH'S UNIFORM FACILITY
3505 PASADENA AVENUE
LOS ANGELES, CALIFORNIA

FIGURE NUMBER: 8

DRAWN BY:	CHECKED BY:	DATE:	PROJECT NUMBER:	DRAWING NUMBER:
LLM/SM	JO	5/8/08	10770-003	1 of 1

File: J:\ENSR\Ameripride Services Inc\10770003-600\AS\08-10770003-600_A2.dwg Layout: DET'L User: smexia Plotted: May 08, 2008 - 1:11pm Xref's:

Tables

Table 1
SAMPLING AND ANALYSIS PLAN
Former Welch's Uniform Facility
3505 Pasadena Avenue
Los Angeles, California

Sample Description			Objectives								Containers							Analyses																			
Sample Location	Sample I.D.	Matrix (S= Soil, G = Gas, W = Water)	Saturated Soil Assmnt	Vadose Soil Assmnt	Compare to '06 Assmnt	Soil Vapor Assmnt	Soil Vapor Risk	Near-Surface Soil Risk	Soil Conditions at Probes	QA/QC	# of Glass 1-L Bottles	# of Plastic 1-L Bottles	# of VOAs	# of 5035 VOAs	# of 250 ml Jars	# of SS Sleeves	# of SUMMAs	TPH-GRO	TPH-CCID	8260B Full Scan	EPA TO-15 (VOCs)	EPA Method 3C (Helium)	8270D Semivolatiles	8270M (1, 4-dioxane)	Pesticides / PCBs	Organic Lead	CAM 17 Metals	Soil Moisture Conent	Bioassay	Flashpoint	pH	CN	S	Remarks
VP-01	VP-01-5S	S							X					4		1		1	1	1								1							Center of soil plume in AOC#2
	VP-01-10S	S			X									4				H	H	H															
	VP-01-15S	S			X									4				H	H	H															
	VP-01-20S	S							X					4		1		1	1	1								1							
	VP-01-25S	S			X									4				H	H	H															
	VP-01-30S	S			X				X					4		1		1	1	1								1							
	VP-01-35S	S	X		X					X				12		1		1	1	1								1							MS/MSD (5% or 1 set per batch)
	VP-01-35W	W	X										3					1	1	1															Hydropunch
	VP-01-40S	S	X							X				8		1		2	2	2								2							Colocated replicate (5%)
	VP-01-45S	S	X											4				H	H	H															
	VP-01-50S	S	X											4				1	1	1															
	VP-01-55S	S	X											4				H	H	H															
	VP-01-60S	S	X											4				1	1	1															
	VP-01-65S	S	X											4				H	H	H															
	VP-01-70S	S	X											4				H	H	H															
	EQUIP RNS	W								X								1	1	1															Equipment Rinse blank (1 per day)
	VP-01-5G	G				X	X										1				1	1													
	VP-01-20G	G				X											1				1	1													
	VP-01-30G	G				X				X							2				2	2													Split replicate (5%)
VP-02	VP-02-0.5S	S						X							1										1		1								NW corner of AOC #3
	VP-02-5S	S						X	X					4		1		1	1	1						1		1							
	VP-02-10S	S		X				X						4		1		1	1	1			1			1		1							
	VP-02-15S	S		X										4				H	H	H															
	VP-02-20S	S		X					X					4		1		1	1	1								1							
	VP-02-25S	S		X										4				H	H	H															
	VP-02-30S	S		X					X					4		1		1	1	1								1							
	VP-02-35S	S	X	X										4		1		1	1	1								1							
	VP-02-35W	W	X										3					1		1															Hydropunch
	VP-02-40S	S	X											4		1		1	1	1								1							
	VP-02-5G	G				X	X										1				1	1													
	VP-02-20G	G				X											1				1	1													
	VP-02-30G	G				X											1				1	1													
VP-03	VP-03-0.5S	S						X							1										1										Center of soil gas plume at east side of AOC #3.

Table 1
SAMPLING AND ANALYSIS PLAN
Former Welch's Uniform Facility
3505 Pasadena Avenue
Los Angeles, California

Sample Description			Objectives								Containers							Analyses																								
Sample Location	Sample I.D.	Matrix (S= Soil, G = Gas, W = Water)	Saturated Soil Assmnt	Vadose Soil Assmnt	Compare to '06 Assmnt	Soil Vapor Assmnt	Soil Vapor Risk	Near-Surface Soil Risk	Soil Conditions at Probes	QA/QC	# of Glass 1-L Bottles	# of Plastic 1-L Bottles	# of VOAs	# of 5035 VOAs	# of 250 ml Jars	# of SS Sleeves	# of SUMMAs	TPH-GRO	TPH-CCID	8260B Full Scan	EPA TO-15 (VOCs)	EPA Method 3C (Helium)	8270D Semivolatiles	8270M (1, 4-dioxane)	Pesticides / PCBs	Organic Lead	CAM 17 Metals	Soil Moisture Conent	Bioassay	Flashpoint	pH	CN	S	Remarks
	VP-03-5S	S						X	X	X				8		2		2	2	2			2		2	2		2						Colocated replicate (5%)
	VP-03-10S	S		X				X						4		1		1	1	1			1			1		1						
	VP-03-15S	S		X										4				H	H	H														
	VP-03-20S	S		X					X					4		1		1	1	1								1						
	VP-03-25S	S		X										4				H	H	H														
	VP-03-30S	S		X					X					4		1		1	1	1								1						
	VP-03-35S	S	X	X										4		1		1	1	1								1						
	VP-03-35W	W	X										3					1		1														Hydropunch
	VP-03-40S	S	X											4		1		1	1	1								1						
	VP-03-5G	G				X	X										1				1	1												
	VP-03-20G	G				X											1				1	1												
	VP-03-30G	G				X											1				1	1												
VP-04	VP-04-5S	S		X					X					4		1		1	1	1						1		1						In soil gas plume in AOC #1
	VP-04-10S	S		X										4				H	H	H														
	VP-04-15S	S		X										4				H	H	H														
	VP-04-20S	S		X					X					4		1		1	1	1								1						
	VP-04-25S	S		X										4				H	H	H														
	VP-04-30S	S		X					X					4		1		1	1	1								1						
	VP-04-35S	S	X	X										12		1		1	1	1								1						MS/MSD (5% or 1 set per batch)
	VP-04-35W	W	X										3					1		1														Hydropunch
	VP-04-40S	S	X											4		1		1	1	1								1						
	EQUIP RNS	W								X										1														Equipment Rinse blank (1 per day)
	VP-04-5G	G				X	X										1				1	1												
	VP-04-20G	G				X											1				1	1												
	VP-04-30G	G				X											1				1	1												
VP-05	VP-05-0.5S	S						X							1										1		1						South side of AOC #5 near former 1K UST
	VP-05-5S	S						X	X					4		1		1	1	1			1		1	1	1	1						
	VP-05-10S	S		X				X						4		1		1	1	1			1			1		1						
	VP-05-15S	S		X										4				H	H	H														
	VP-05-20S	S		X					X					4		1		1	1	1								1						
	VP-05-25S	S		X										4				H	H	H														
VP-05	VP-05-30S	S		X					X					4		1		1	1	1								1						
	VP-05-35S	S	X	X										4		1		1	1	1								1						

Table 1
SAMPLING AND ANALYSIS PLAN
Former Welch's Uniform Facility
3505 Pasadena Avenue
Los Angeles, California

Sample Description			Objectives								Containers							Analyses																			
Sample Location	Sample I.D.	Matrix (S= Soil, G = Gas, W = Water)	Saturated Soil Assmnt	Vadose Soil Assmnt	Compare to '06 Assmnt	Soil Vapor Assmnt	Soil Vapor Risk	Near-Surface Soil Risk	Soil Conditions at Probes	QA/QC	# of Glass 1-L Bottles	# of Plastic 1-L Bottles	# of VOAs	# of 5035 VOAs	# of 250 ml Jars	# of SS Sleeves	# of SUMMAs	TPH-GRO	TPH-CCID	8260B Full Scan	EPA TO-15 (VOCs)	EPA Method 3C (Helium)	8270D Semivolatiles	8270M (1, 4-dioxane)	Pesticides / PCBs	Organic Lead	CAM 17 Metals	Soil Moisture Conent	Bioassay	Flashpoint	pH	CN	S	Remarks
	VP-05-35W	W	X										3					1		1																Hydropunch
	VP-05-40S	S	X											4		1		1	1	1								1								
	VP-05-5G	G				X	X										1				1	1														
	VP-05-20G	G				X											1				1	1														
	VP-05-30G	G				X											1				1	1														
VP-06	VP-06-0.5S	S						X							1										1		1								Near former 10K UST in AOC #1
	VP-06-5S	S						X	X					4		1		1	1	1			1		1	1	1	1								
	VP-06-10S	S		X				X						4		1		1	1	1			1			1		1								
	VP-06-15S	S		X										4				H	H	H																
	VP-06-20S	S		X					X					4		1		1	1	1						1		1								
	VP-06-25S	S		X										4				H	H	H																
	VP-06-30S	S		X					X					4		1		1	1	1						1		1								
	VP-06-35S	S	X	X						X				8		1		2	2	2						2		2								Colocated replicate (5%)
	VP-06-35W	W	X										3					1		1																Hydropunch
	VP-06-40S	S	X											4		1		1	1	1								1								
	VP-06-5G	G				X	X										1				1	1														
	VP-06-20G	G				X											1				1	1														
	VP-06-30G	G				X											1				1	1														
VP-07	VP-07-5S	S							X					4		1		1	1	1						1		1								Center of soil gas plume at AOC #4
	VP-07-10S	S		X										4		1		1	1	1						1		1								
	VP-07-15S	S		X										4				H	H	H																
	VP-07-20S	S		X					X					4		1		1	1	1								1								
	VP-07-25S	S		X										4				H	H	H																
	VP-07-30S	S		X					X	X				12		1		1	1	1								1								MS/MSD (5% or 1 set per batch)
	EQUIP RNS	W								X										1																Equipment Rinse blank (1 per day)
	VP-07-5G	G				X	X										1				1	1														
	VP-07-20G	G				X											1				1	1														
	VP-07-30G	G				X											1				1	1														
VP-08	VP-08-0.5S	S						X							1				1				1		1	1	1								Former vehicle garage at SE corner of site
	VP-08-5S	S						X	X					4		1		1	1	1			1		1	1	1	1								
	VP-08-10S	S		X				X						4		1		1	1	1			1			1		1								
	VP-08-15S	S		X										4				H	H	H																
	VP-08-20S	S		X					X					4		1		1	1	1								1								

Table 1
SAMPLING AND ANALYSIS PLAN
Former Welch's Uniform Facility
3505 Pasadena Avenue
Los Angeles, California

Sample Description			Objectives								Containers							Analyses																				
Sample Location	Sample I.D.	Matrix (S= Soil, G = Gas, W = Water)	Saturated Soil Assmnt	Vadose Soil Assmnt	Compare to '06 Assmnt	Soil Vapor Assmnt	Soil Vapor Risk	Near-Surface Soil Risk	Soil Conditions at Probes	QA/QC	# of Glass 1-L Bottles	# of Plastic 1-L Bottles	# of VOAs	# of 5035 VOAs	# of 250 ml Jars	# of SS Sleeves	# of SUMMAs	TPH-GRO	TPH-CCID	8260B Full Scan	EPA TO-15 (VOCs)	EPA Method 3C (Helium)	8270D Semivolatiles	8270M (1, 4-dioxane)	Pesticides / PCBs	Organic Lead	CAM 17 Metals	Soil Moisture Conent	Bioassay	Flashpoint	pH	CN	S	Remarks
	VP-08-25S	S		X										4				H	H	H															
	VP-08-30S	S		X					X					4		1		1	1	1								1						
	VP-08-5G	G				X	X										1				1	1												
	VP-08-20G	G				X											1				1	1												
	VP-08-30G	G				X											1				1	1												
SB-44	SB-44-0.5'	S						X							1										1		1							
	SB-44-10'	S						X						8		1		2	2	2			2		2	1	2	1						Colocated replicate (5%)
SB-45	SB-45-0.5'	S						X							1				1				1		1		1							
	SB-45-5'	S						X		X				12		1		1	1	1			1		1		1	1						MS/MSD (5% or 1 set per batch)
SB-46	SB-46-0.5'	S						X							1										1		1							
	SB-46-10'	S						X						4		1		1	1	1			1			1		1						
SB-47	SB-47-0.5'	S						X							1				1				1		1	1	1							
	SB-47-5'	S						X						4		1		1	1	1			1		1		1	1						
TOTAL (wo/ HOLD)											0	0	18	328	9	47	25	59	57	61	25	25	18	0	18	22	15	49	0	0	0	0	0	
TOTAL (w/ HOLD											0	0	18		9	47		74	72	83			18	0	18		15	49	0	0	0	0	0	

H=Hold pending VOC analysis results, analyze most affected sample in each boring for 1,4-dioxane, analyze 16 additional samples for VOCs as needed

TABLE 2. LIST OF CHEMICALS OF CONCERN AND SOIL SCREENING LEVELS

Chemical of Concern	EPA Method	Residential PRGs mg/kg (4)	Residential CHSSLs mg/kg (5)	Industrial CHSSLs mg/kg (5)	DAF 1 SSLs mg/kg (4)	DAF 20 SSLs mg/kg (4)
Total Petroleum Hydrocarbons						
TPH-gas (C4-C12)	Note 1	-				
TPH (C10-C22)	Note 2	-				
TPH (C22-C32)	Note 3	-				
Volatile Organic Compounds						
Acetone	8260	14,000			0.8	16
2-Butanone (MEK)	"	22,000				
Benzene	"	0.65			0.002	0.03
n-Butylbenzene	"	240				
sec-Butylbenzene	"	220				
tert-Butylbenzene	"	390				
Chloroethane	"	3				
Chloroform	"	0.22			0.03	0.6
Dibromochloromethane	"	1.1			0.02	0.1
1,2-Dichlorobenzene	"	600			0.9	17
1,4-Dichlorobenzene	"	3.4			0.1	2
1,1-Dichloroethane (DCA)	"	506.40			1	23
1,2-Dichloroethane (EDC)	"	0.28			0.001	0.02
1,1-Dichloroethene (DCE)	"	123.53			0.003	0.06
cis-1,2-Dichloroethene (DCE)	"	42.94			0.02	0.4
trans-1,2-Dichloroethene (DCE)	"	69.49			0.03	0.7
1,2-Dichloropropane (DCP)	"	0.34			0.001	0.03
Ethylbenzene	"	230			0.7	13
Isopropylbenzene	"					
4-Isopropyltoluene	"					
Methylene chloride	"	9.11			0.001	0.02
Methyl isobutyl ketone (MIBK)		5300				
Methyl tertiary butyl ether (MTBE)		16.70				
Naphthalene	"	55.92			4	84
1,1,1,2-Tetrachloroethane (PCA)	"	3.19				
1,1,2,2-Tetrachloroethane (PCA)	"	0.41			0.0002	0.003
Tetrachloroethene (PCE)	"	0.48			0.003	0.06
Toluene	"	520			0.6	12
1,2,4-Trichlorobenzene (TCB)	"	62.16			0.3	5
1,1,1-Trichloroethane (TCA)	"	1200			0.1	2
1,1,2-Trichloroethane (TCA)	"	0.73			0.0009	0.02
Trichloroethene (TCE)	"	0.05			0.003	0.06
Trichlorofluoromethane (freon 11)	"	390				
1,1,2-Trichlorotrifluoroethane (freon 113)	"					
1,2,4-Trimethylbenzene	"	51.61				
Vinyl chloride	"	0.08			0.0007	0.01
Xylenes	"	210			10	210

TABLE 2. LIST OF CHEMICALS OF CONCERN AND SOIL SCREENING LEVELS

Chemical of Concern	EPA Method	Residential PRGs mg/kg (4)	Residential CHSSLs mg/kg (5)	Industrial CHSSLs mg/kg (5)	DAF 1 SSLs mg/kg (4)	DAF 20 SSLs mg/kg (4)
Semi Volatile Organic Compounds						
Acenaphthene	8270	3,700			29	570
Acenaphthylene	"	3,700			29	570
Anthracene	"	22,000			590	12000
Benz (a) anthracene	"	0.62			0.08	2
Benzo (b) fluoranthene	"	0.62			0.2	5
Benzo (k) fluoranthene	"	6.2			2	49
Benzo (a) pyrene	"	0.062	0.038	0.13	0.4	8
Benzo (g,h,l) perylene	"	2,316			210	4200
Dibenz (a,h) anthracene	"	0.062			0.08	2
Fluoranthene	"	2,300			210	4300
Fluorene	"	2,600			28	560
Indeno (1,2,3-c,d) pyrene	"	0.62			0.7	14
Naphthalene	"	56			4	84
1,4-Dioxane		--	18	64		
Phenanthrene	"	21,896			590	12000
Pyrene	"	2,300			210	4200
Pesticides						
Aldrin	8081	0.03	0.33	0.13	0.02	0.5
a-BHC	"	0.09			0.00003	0.0005
b-BHC	"	0.32			0.0001	0.003
d-BHC	"	0.09			0.00003	0.0005
g-BHC	"	0.44	0.5	2	0.0005	0.009
Chlordane	"	1.62	0.43	1.7	0.5	10
4,4-DDD	"	2.44	2.3	9	0.8	16
4,4-DDE	"	1.72	1.6	6.3	3	54
4,4-DDT	"	1.72	1.6	6.3	2	32
Dieldrin	"	0.03	0.035	0.13	0.0002	0.004
Endosulfan I	"	366.62			0.9	18
Endosulfan II	"	366.62			0.9	18
Endosulfan Sulfate	"	366.62			0.9	18
Endrin	"	18.33	21	230	0.05	1
Endrin aldehyde	"	18.33	21	230	0.05	1
Heptachlor	"	0.11	0.13	0.52	1	23
Heptachlor epoxide	"	0.05			0.03	0.7
Methoxychlor	"	305.52	340	3800	8	160
Toxaphene	"	0.44	0.46	1.8	2	31
Polychlorinated Biphenyls						
Arochlor 1016	8082	0.03	0.013	0.043		
Arochlor 1221	"	0.03	0.013	0.043		
Arochlor 1232	"	0.03	0.013	0.043		
Arochlor 1242	"	0.03	0.013	0.043		
Arochlor 1248	"	0.03	0.013	0.043		
Arochlor 1254	"	0.03	0.013	0.043		
Arochlor 1260	"	0.03	0.013	0.043		
Metals						
Antimony	6010	31.29	30	380	0.3	5
Arsenic	"	0.39	0.07	0.24	1	29
Barium	"	5374.91	5200	63000	82	1600
Beryllium	"	154.37	150	1700	3	63
Cadmium	"	37.03	1.7	7.5	0.4	8
Chromium (Total)	"	210.68	17	37	2	38
Cobalt	"	902.89	660	3200		
Copper	"	3128.55	3000	38000		
Lead	"	400.00	150	3500		
Lead, organic	Note 6	0.0061				
Mercury	7471	23.46	18	180		
Molybdenum	6010	391.07	380	4800		
Nickel	"	1564.28	1600	16000	7	130
Selenium	"	391.07	380	4800	0.3	5
Silver	"	391.07	380	4800	2	34
Thallium	"	5.16	5	63		
Vanadium	"	78.21	530	6700	300	6000
Zinc	"	23463.18	23000	100000	620	12000

TABLE 2. LIST OF CHEMICALS OF CONCERN AND SOIL SCREENING LEVELS

Chemical of Concern	EPA Method	Residential PRGs mg/kg (4)	Residential CHSSLs mg/kg (5)	Industrial CHSSLs mg/kg (5)	DAF 1 SSLs mg/kg (4)	DAF 20 SSLs mg/kg (4)

NOTES

1. Cal DHS LUFT Manual Method Modified EPA 8015 analysis of purgeable TPH using a gasoline standard
2. Cal DHS LUFT Manual Method Modified EPA 8015 analysis of extractable TPH with carbon chain id using a diesel fuel standard
3. Cal DHS LUFT Manual Method Modified EPA 8015 analysis of extractable TPH with carbon-chain id using a motor oil standard
4. U.S. EPA Region 9 Preliminary Remediation Goals (PRGs). October, 2004.
5. CalEPA. Use of California Human Health Screening levels (CHHSLs) in Evaluation of Contaminated Properties. January 2005.
6. Califonia DTSC Hazardous Materials Laboratory (HML) Method 939-M

MTBE - Methyl tertiary butyl ether
PCE - Tetrachloroethene
TCE - 'Trichloroethene
TPH - total petroleum hydrocarbons
TRANS-1,3-DCP - Trans-1,3-dichloropropane
cis-1,2-DCE - cis-1,2-dichloroethene
trans-1,2-DCE - trans-1,2-dichloroethene
1,1-DCE - 1,1-dichloroethene
1,1,2-TCTFE - 1,1,2-Trichlorotrifluoroethene
1,2,4-TCB - 1,2,4-trichlorobenzene
1,1,2,2-PCA - 1,1,2,2-tetrachloroethane
1,1,1,2-PCA - 1,1,1,2-tetrachloroethane

CalEPA - Califonia Environmental Protection Agency.
EPA - United States Environmental Protection Agency
STLC - soluble threshold limit concentration
TCLP - toxicity characteristic leaching procedure
TTLC - total threshold limit concentration
TVPH - Total volatile petroleum hydrocarbons
mg/kg - milligrams per kilogram

Appendix A

DTSC Correspondence dated November 2007

DEC - 3 2007

Department of Toxic Substances Control

Linda S. Adams
Secretary for
Environmental Protection

Maureen F. Gorsen, Director
1011 North Grandview Avenue
Glendale, California 91201

Arnold Schwarzenegger
Governor

November 29, 2007

Mr. Jeffrey Otter
Project Manager
ENSR Corporation
999 W. Town & Country Road, 4th Floor
Orange, California 92868

SUPPLEMENTAL SITE ASSESSMENT REPORT AND SITE CONCEPTUAL MODEL UPDATE, FORMER WELCH'S UNIFORM FACILITY, 3505 PASADENA AVENUE, LOS ANGELES, CALIFORNIA

Dear Mr. Otter:

The Department of Toxic Substances Control (DTSC) has reviewed the Supplemental Site Assessment Report and Site Conceptual Model Update (SSAR/SCMU) dated September 2007 for the subject site.

Enclosed are the comments of the DTSC toxicologist and geologist on the SSAR/SCMU. The comments identified deficiencies in the SSAR/SCMUEA that require additional site characterization. Please submit Additional Site Characterization/Baseline Health Risk Assessment Workplan to DTSC by January 15, 2008.

If you have any questions, please contact Mr. Alberto Valmidiano, Project Manager, at (818) 551-2870 or me, at (818) 551-2980.

Sincerely,

Juli Oborne
Unit Chief
Southern California Cleanup Operations Branch – Glendale Office

Enclosures

cc: Mr. Joseph Peter
Environmental Manager
AmeriPride Services, Inc.
10801 Wayzata Boulevard
Minnetonka, Minnesota 55305

Linda S. Adams
Secretary for
Environmental Protection

Department of Toxic Substances Control

Maureen F. Gorsen, Director
1011 North Grandview Avenue
Glendale, California 91201

Arnold Schwarzenegger
Governor

MEMORANDUM

TO : Alberto Valmidiano
Project Manager
Site Mitigation Program

FROM : John A. Naginis, PG
Senior Engineering Geologist
Geological Services Unit

CONCUR : Craig Christmann, PG
Senior Engineering Geologist
Geological Services Unit

DATE : November 28, 2007

SUBJECT: Geologic Services Unit (GSU) review of Supplemental Site Assessment Report and Site Conceptual Model Update, Former Welch's Uniform Facility, 3505 Pasadena Avenue, Los Angeles, California, Dated September, 2007

PCA 12020 Site Code 301314-11 Log No.: 73050 Zip Code: 90031

As requested, GSU staff have reviewed the above referenced Site Assessment Report (Report) prepared by ENSR Corporation for AmeriPride Services Inc. The document reviewed contains summaries of investigations performed at a former uniform dry cleaning facility. This site has a long history of dry cleaning operations dating back to about 1920. The Report contains summaries of previous investigations and underground storage tank (UST) removals that were performed at the site beginning in 1987. The most recent investigation was performed during 2006.

GSU staff reviewed the Report for conformance with DTSC guidance and for internal consistency. This memorandum contains general comments regarding overall Report contents as well as detailed comments regarding specific portions of the Report.

Questions regarding this memo should be directed to John Naginis at (818) 551-2194.

General Comments

1. Nature and Extent of Contamination

While four areas of concern (AOC) have been identified on the site, the nature and extent of contamination is not well documented in the Report, and it appears that additional investigation is required to fully characterize the site. The 2001 soil gas survey collected data from a single depth, and results of the soil gas survey did not correlate well with vadose zone contamination. For example, soil gas sampling points 40 and 42 were located on the southern and northern sides of the Area 2 vadose zone perchloroethylene (PCE) plume, and neither soil gas point detected PCE. GSU staff recommend installing multi-depth soil gas probes to fully characterize the areas of concern and to evaluate areas of the site where analytical data is not available. Once analytical data from the multi-depth soil gas survey is evaluated, the need for any additional soil matrix sampling and volatile organic compound (VOC) analytical testing can be determined.

2. Area of Concern #1 – Investigation Summary

Based on the condition of the UST removed from this area, observed soil staining, and the presence of non-aqueous phase liquids (NAPL) in this area, it is apparent that a release has occurred. The Report does not provide data to support the conclusion that this release has been characterized and remediated. A summary of investigation and remediation data that describe subsurface conditions in AOC #1 should be included in a future report or investigation workplan. The summary should be of sufficient detail to evaluate whether additional investigation or cleanup is needed.

3. Area of Concern #2 – Vertical Extent of Contamination and Remediation

A release beneath the former PCE tanks has been documented and the lateral extent of contamination has been well delineated in the vadose zone. However the vertical extent of the contamination has not been delineated. Soil sampling was conducted down to the water table, but the investigation did not extend below the water table. Due to the high concentrations of PCE and trichloroethylene (TCE) detected in soil at the water table, and the dense nature of these contaminants, the vertical extent of contamination below the water table requires delineation.

PCE and TCE contamination in Area of Concern #2 presents an ongoing source of groundwater contamination, consequently, the extent of contamination should be fully delineated and active remediation implemented.

4. Area of Concern #3 – Source of VOCs in MW-16

Well cluster MW-16, consisting of wells MW-16A, MW-16B and MW-16C, is located in AOC #3. Groundwater samples from Well MW-16A contain high concentrations of cis-1,2-Dichloroethylene (c-DCE). Soil gas and soil matrix sampling and analytical testing should be performed at AOC #3 to determine the extent of the vadose zone VOC source in this area and collect data necessary to implement an effective remedial effort.

5. Area of Concern #4 – Confirmation of Soil Gas Contamination

PCE was detected in the southwest corner of the former Welch's Uniform facility in soil gas during the 2001 soil gas survey, and also in soil matrix at boring SB-35. Multi-depth soil gas probes should be installed in AOC #4 to delineate the nature and extent of contamination within soil gas. Once analytical data from the multi-depth soil gas survey is evaluated, the need for any additional soil matrix sampling and VOC analysis can be determined.

6. GSU Conclusions

The current submittal does not fully address the nature and extent of contaminants detected at the site. An investigation workplan should be submitted that addresses the comments in this memo, and includes a proposed scope of work to delineate the lateral and vertical extent of contaminants in soil and groundwater.

The Report states that AmeriPride, the current property owner, is seeking a soil closure from DTSC to facilitate property development, and monitored natural attenuation (MNA) is proposed as the sole remedial alternative. While MNA will most likely be utilized as part of the remediation effort, based on VOC and total petroleum hydrocarbon (TPH) concentrations detected in soil and groundwater, active remediation of the vadose zone and groundwater at the Former Welch's Uniform site is warranted and should be implemented.

Detailed Comments

Section 2.9 – Current Status

This section states that three wells MW-4, MW-11 and MW-12 are listed as being out of service due to well boxes and well heads being destroyed by Los Angeles City Street services personnel removing trash and vegetation from the site. The Report should be revised to state if these wells have been properly destroyed. If not, plans should be submitted to DTSC to locate the well heads, properly destroy the wells and evaluate whether the wells need to be replaced.

Section 4.3 Soil Assessment Results

Environmental screening levels (ESLs) were developed for various exposure pathways using Regional Water Quality Control Board, San Francisco Region (San Francisco Water Board), criteria. The ESLs are not appropriate for this site because ESLs were developed by the San Francisco Water Board, for sites in the San Francisco area. The site is located in Los Angeles, and should be evaluated based on criteria developed by the Regional Water Quality Control Board, Los Angeles Region (LA Water Board). Maximum Soil Screening Levels calculated using the methodology developed by the LA Water Board should be used to evaluate TPH and VOC concentrations in vadose zone soil. Maximum soil screening levels can be calculated using Chapters 4 and 5 of the LA Water Board publication Remediation Guidance for Petroleum and VOC Impacted Sites, Section II, dated May, 1996.

Figure 16 – Cross Section E-E'; Variation in Groundwater Elevation

As shown in Figure 16, the groundwater elevation drops by about 30 feet in a distance of about 50 feet, between boring SB-6 and monitoring well MW-1, then rises about 30 feet within a distance of 10 feet between MW-1 and boring CB-5. This change in groundwater level over such a short distance implies that there are two distinct aquifers in the northern section of the site, and there is a strong downward vertical gradient between the two aquifers. Strong vertical gradients between depth intervals, as observed at MW-1, usually indicate some type of relatively low permeability structure separating different portions of an aquifer, or separating two different aquifers.

The strong vertical gradient shown on Figure 16 does not appear to correlate with groundwater data collected from wells in the MW-16 well cluster, MW-16A, MW16B, and MW-16C. Groundwater elevation data from the MW-16 well cluster show a slight variation in groundwater elevations at different depths with a much weaker upward vertical gradient.

Monitoring wells MW-2 and MW-3 have relatively long screen intervals that extend from the water table to the depth of the bottom of MW-1. If there is some low permeability structure causing the vertical gradient shown on Figure 16, then these two wells are providing a hydraulic connection between two distinct portions of the aquifer, and may be causing contamination to spread vertically through the aquifer. Investigation regarding the nature of aquifer is required to evaluate if there is a low permeability unit separating different portions of the aquifer. If a low permeability unit is present, then any wells with screens that cross this unit need to be properly destroyed and replaced with wells that have screens located above and below the low permeability unit.

Linda S Adams
Secretary for
Environmental Protection

Department of Toxic Substances Control

Maureen F. Gorsen, Director
1001 "I" Street
P O Box 806
Sacramento, California 95812-0806

Arnold Schwarzenegger
Governor

TO: Alberto Valmidiano
Project Manager
Department of Toxic Substances Control
Glendale, California

FROM: Chawn Y. (CY) Jeng, Ph.D.
Staff Toxicologist
Human and Ecological Risk Division

DATE: November 1, 2007

SUBJECT: Review of Supplemental Site Assessment Report and Site Conceptual Model Update, Former Welch's Uniform Facility, Los Angeles, California.

PCA: 12020 Site Code: 301314-11

The Human and Ecological Risk Division (HERD) reviewed the "Supplemental Site Assessment Report and Site Conceptual Model Update" for the Former Welch's Uniform Facility located at 3505 Pasadena Avenue in Los Angeles, California. The report was prepared by ENSR Corporation on behalf of AmeriPride Services Inc. Comments on the report are described below.

Background

The subject site is a 2.6 acre property located in a low-density, mixed residential and industrial area, approximately 3.5 miles northeast of downtown Los Angeles. It was formerly a uniform laundry service facility established in 1924, which operated until approximately 1988. At least 12 underground storage tanks (USTs) were in service at the site; they were removed or filled in-place between 1987 and 2004. All buildings associated with previous operations were removed in 1993 and the site is now a vacant lot with a chain link fence and locking gate. The current site owner AmeriPride is seeking a soil closure to facilitate development of the property, and is considering building a 30,000 ft^2 Apparel Center on the property.

The principal chemicals of concern at the site are chlorinated solvents (PCE, TCE, and cis-1,2-DCE) and petroleum hydrocarbons, which are associated with previous dry cleaning, boiler, and vehicle fueling activities. This Report describes supplemental site assessment activities completed in 2006, and presents an updated site conceptual model based on the assessment findings. The site assessment activities were

conducted under the oversight of the Los Angeles Regional Water Quality Control Board (LARWQCB), and site oversight responsibilities were transferred to DTSC on December 27, 2006.

Document Reviewed

HERD reviewed, "Supplemental Site Assessment Report and Site Conceptual Model Update, Former Welch's Uniform Facility, 3505 Pasadena Avenue, Los Angeles, California." prepared by ENSR Corporation, dated September 2007. It was received by HERD on October 2, 2007.

Scope of Review

HERD's review of the above documents was focused on the adequacy of current data to support a reliable health risk evaluation for determining what further actions are needed. HERD didin't review previous investigation reports to verify the quality and accuracy of the data and other site-related information presented in the current report. Minor grammatical or typographical errors that do not affect the review have not been noted.

General Comments

Overall, HERD found that the work performed to date provides useful information on the nature and extent of the chemical impacts at most of the site. However, the current report does not contain adequate information to demonstrate that certain areas have been adequately characterized, and additional sampling is recommended to complete characterization in these areas. HERD also identified several apparent deficiencies that could introduce significant uncertainties in the risk evaluation results and should be addressed in future work. Once sufficient data are gathered for the site, HERD recommends performing a health risk assessment to support a decision on site cleanup. Below are some general comments for the report:

1) HERD recommends summarizing all relevant soil data (i.e., data collected after the free-product removal and soil vapor extraction) of key chemicals by presenting them in data-box figures to show their areal extents. Some of this information is presented in Section 5, but is limited to only the 2006 data for PCE in the solvent area. Such information is needed for other chemicals and areas to facilitate HERD's understanding on the contaminant distributions at the site. In addition, HERD could not find several soil boring locations referenced in these sections (e.g., SB-1, SB-26, CB-3, and CB-4) on any of the figures. Depending on the review of these figures and additional information on the AOCs (see Specific Comments 2, 6, 7, and 8), collection of additional samples may be necessary to adequately characterize the extents of the contamination laterally and vertically.

2) HERD does not recommend estimating the residual mass of COPCs for use in risk calculations for the following reasons: a) the current report does not show that lateral and vertical delineation has been completed in each of the source areas (including the mass that may be trapped in the smear zone near water table); and b) the estimated residual mass cannot be verified since information regarding the approximate total mass of chemical releases is not available. If the above information becomes available and this approach is to be proposed in the future, HERD requests that the chemical mass calculations and supporting information be submitted to DTSC for review prior to its use in risk calculations.

3) HERD recommends collecting soil gas data within each area of concern (AOC) to verify the previous soil gas sampling results and for use in health risk assessment. HERD notes that the 2001 soil gas survey was conducted on a site-wide basis and the placement of the probes was not necessarily biased toward known or suspected sources. Further, all samples were collected from a single depth (10 ft bgs or less) only. Therefore, HERD recommends installing multi-depth soil vapor probes in each area of concern (AOC) and collecting samples for VOC analysis in accordance with the Advisory – Active Soil Gas Investigations (DTSC/LARWQCB 2003).

4) HERD recommends that all detected organic compounds be retained as chemicals of potential concern (COPCs) for the purpose of health risk assessment. Metal concentrations detected above the background levels should also be retained as COPCs and included in the risk assessment. In addition, HERD recommends analyzing for organic lead (e.g., tetramethyl lead and tetraethyllead) in the vehicle fuel-impacted areas since leaded gasoline was used in the U.S. until 1990's.

   HERD notes that total petroleum hydrocarbons (TPH) are considered as COPCs for the site. HERD recommends following the Interim Guidance for Evaluating Total Petroleum Hydrocarbons at School Sites when evaluating TPH in the risk assessment. Please check with the HERD staff for information on the TPH guidance.

5) HERD does not accept the comparison of site data with the Environmental Screening Levels (ESLs) for sites in southern California. Instead, HERD advises using California Human Health Screening Levels (CHHSLs) and USEPA Region 9 Preliminary Remediation Goals (PRGs) (for chemicals without the CHHSLs) for the purpose of health-based risk screening. It should be noted that HERD does not recommend using generic risk-based criteria in risk assessment, and recommends evaluating the cumulative cancer risks and noncancer hazards for all COPCs using appropriate exposure parameters and toxicity values. All relevant data collected from the source and general site areas should be included in the risk evaluation for determination on risk-based closure.

6) HERD notes that groundwater concentrations of several chemicals are higher than the California MCLs for drinking water. As a result, groundwater cleanup may be required if the shallow aquifer beneath the site is designated for beneficial uses by the Regional Water Quality Control Board. HERD has not reviewed the information regarding groundwater designation and defers to the Program regarding groundwater designation in the area and the need for groundwater cleanup.

Specific Comments

1) Section 2.8.4: HERD recommends including available information on underground utilities at and near the site as these utility corridors may act as soil vapor migration pathways.

2) Section 2.8.5: HERD recommends presenting available information regarding the two aboveground storage tanks located on the west side of the former South Building. If information gaps exist, additional data should be collected to complete the understanding of this area.

3) Section 3.0: Please specify the type(s) of free product (e.g., LNAPL or DNAPL) found in wells K-1, K-2, MW-1, and MW-3 through MW-7 during the previous investigations, and provide a figure showing the extraction well locations and treatment areas of the soil vapor extraction systems operated in the early 1990's.

4) Section 4.3.1: Please provide a figure showing the proposed grid design for soil sampling in the source and general site areas.

5) Section 4.4.3: HERD recommends including concentrations of daughter products (e.g., cis-1,2-DCE and vinyl chloride) in the graphs to illustrate the occurrence of degradation. The table numbers cited in the last paragraph are incorrect, and should be corrected.

6) Section 5.1.1: HERD recommends identifying the vehicle maintenance area on Figure 3 and summarizing the data that are relevant to this area. If data gaps exist, additional investigation should be performed to complete the understanding of this area.

7) Section 5.1.4: HERD recommends additional investigation at AOC 4 regarding the elevated PCE concentrations in soil gas encountered during the 2001 sampling. HERD refers to the GSU for recommendations on specific sampling needs in this area.

8) Section 5.3.2: The PCE iso-concentration plots (Figures 10 through 13) indicate that two separate sources may exist in AOC 2, one in the former UST 5A to 9A

area, and the other in the former UST 5B to 9B area. Additional information is needed to illustrate and understand the extent of PCE impacts in this area.

9) Section 5.4.1: HERD does not recommend calculating health risks using the finite mass approach at this point (see General Comment 1). In addition, HERD does not agree with the input parameters for soil properties used in the vapor intrusion modeling calculations, and recommends using default soil properties that correspond to the predominant soil type at the site (see Specific Comment 16). Finally, HERD does not concur with the elimination of AOC 4 from the relevant exposure pathways since this area has not been fully characterized (see Specific Comment 6), and recommends retaining in the screening risk evaluation.

10) Section 5.4.2: HERD recommends using default soil properties that correspond to the predominant vadose zone soil type near the site in the screening level risk evaluations (see Specific Comment 16).

11) Section 5.4.3: HERD recommends evaluating potential exposures of outdoor workers via contact to soil using soil sampling results down to 10 feet below the surface. The site conceptual model should be revised accordingly. Alternatively, a soil management plan can be implemented as part of site control to prohibit excavation and reuse of the shallow soil at the site.

12) Section 5.4.4: HERD recommends evaluating potential exposures of construction workers via contact to soil and/or groundwater using sampling results down to the possible maximum depth of subsurface excavation. Depending on the results of this evaluation, proper health and safety procedures should be followed during construction activities.

13) Section 5.4.5: See the comments on onsite indoor workers (Specific Comment 9) and onsite outdoor workers (Specific Comment 11).

14) Section 5.4.6: HERD recommends using default soil properties that correspond to the predominant vadose zone soil type near the site in the screening level risk evaluations (see Specific Comment 16).

15) Section 6.0: HERD recommends revising the summary and conclusions to reflect changes to be made based on the above comments. HERD notes three proposed offsite monitoring wells were not installed due to constraints cited in the report. HERD refers to the Program and the GSU regarding the need for installing new monitoring wells at alternate offsite locations.

16) Appendix L: HERD recommends using default soil properties (i.e., bulk density, total and water-filled porosities, and soil vapor permeability) corresponding to the predominant soil type at the site in the screening evaluation. HERD notes that only

one soil sample was collected from the boring SB-35 at 15 ft bgs and analyzed for soil geophysical properties, which were used in the Johnson and Ettinger Model for calculating health risks associated with vapor intrusion. Further, the testing results for this sample (Appendix J) do not appear to match general soil characteristics for the shallow soil at the site, i.e., gravelly sand or sandy gravel with low moisture content (based on the information presented in Figures 5 and 6, Table 9, and Appendix F). As a result, the calculated health risks would be higher if the soil geophysical properties representative of the site soil type were used instead. A site-specific evaluation will be considered only if sufficient samples are collected to obtain representative soil geophysical properties for the site.

Conclusions and Recommendations

While HERD found that the work performed to date useful in understanding the nature and extent of the chemical impacts at the site, the current report does not include sufficient information to support a soil-only closure for the site. Additional activities are required to further characterize certain areas and to reduce the uncertainties associated with the risk evaluation. Following completion of these additional activities, HERD recommends an updated health risk evaluation to support a decision on site cleanup.

HERD notes that the recommendations made in this memorandum are site specific and should not be construed as a policy decision applicable to other sites. If you have additional questions please feel free to contact me at (714) 484-5359 or cjeng@dtsc.ca.gov.

Reviewed by:

Gerald A. Pollock, Ph.D., DABT
Senior Toxicologist
Human and Ecological Risk Division

gap for "GAP"

Appendix B

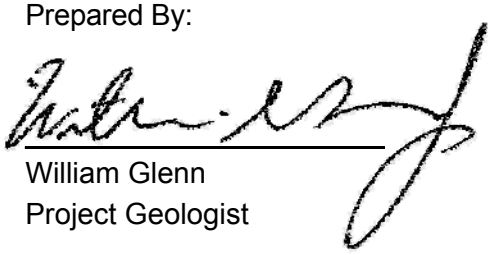
Site Health and Safety Plan

ENSR | AECOM

Prepared for:
AmeriPride Services, Inc.
10801 Wayzata Boulevard
Minnetonka, Minnesota

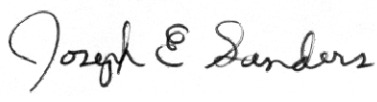
HEALTH AND SAFETY PLAN
General Site Assessment Activities
At Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California

Prepared By:



William Glenn
Project Geologist

Reviewed By:



Joseph Sanders
Regional Health and Safety Manager

ENSR Corporation
10770-003
February 2008

CONTENTS

1. INTRODUCTION 1

1.1. ENSR Safety Policy 1

1.2. Purpose 1

1.3. Modifications 1

1.4. Approval and Dissemination 2

1.5. Regulatory Compliance 2

1.6. Permitting 2

1.7. Responsibilities 2
1.7.1. Project Manager 2
1.7.2. Regional Health and Safety Manager 3
1.7.3. Site Safety Officer 3
1.7.4. Field Personnel 4
1.7.5. Short Service Employee 4
1.7.6. Subcontractors 5

2. SITE HISTORY / DESCRIPTION 6

3. SCOPE OF WORK 7

3.1. Soil Gas Assessment 7

3.2. Soil Assessment Activities 7

3.3. Groundwater Monitoring 7

4. HAZARD ASSESSMENT 8

4.1. Chemical Hazards 8
4.1.1. Recent Concentrations of Contaminants of Concern 8
4.1.2. Hazardous Properties of Potential Chemical Contaminants 9
4.1.3. Hazardous Substances Brought On-Site by ENSR or Subcontractor 9

4.2. Hazard Potential / Control 10
4.2.1. Hazard Potential 10

4.2.2. Hazard Control 10

5. PHYSICAL HAZARDS 11

5.1. Driving Safety 11
5.1.1. Planning / Preparation 11
5.1.2. DOT 11
5.1.3. Distractions 11
5.1.4. Secure Packing 11

5.2. Traffic 11

5.3. Underground Utilities 12

5.4. Overhead Utilities 13

5.5. Hand Digging 13

5.6. Air Knifing-Geophysical 13

5.7. Soil Boring (Auger) and Well Installation 13

5.8. Hazards from Chipping Asphalt and Concrete 14

5.9. Groundwater and Soil Gas Monitoring 14

5.10. Hand Safety 14
5.10.1. Glove Selection 14
5.10.2. Hand Tools 15

5.11. Noise 16

5.12. Back Safety 16

5.13. Electrical Hazards 17

5.14. Thermal Stress 18
5.14.1. Cold Stress 18
5.14.2. Heat Stress 19

5.15. Handling of Compressed Gases 21

5.16. Poisonous Plants / Insects 21

6. AIR MONITORING AND ACTION LEVELS 24

6.1. General 24

6.2. Direct Reading Instrumentation 24

6.3. Calibration and Recordkeeping 26

6.4. Personal Exposure Monitoring 27

6.5. Calibration and Recordkeeping 27

7. PERSONAL PROTECTIVE EQUIPMENT 28

7.1. Protective Clothing 28

7.2. Respiratory Protection 28

7.3. Other Safety Equipment 29

8. SITE CONTROL 30

8.1. Designation of Zones 30

8.2. Exclusion Zone 30

8.3. Contamination Reduction Zone 30

8.4. Support/Restricted Zone 30

8.5. Safety Measures/Precautions 30

9. DECONTAMINATION 32

10. MEDICAL / TRAINING REQUIREMENTS 33

10.1. Medical Surveillance 33

10.1.1. Drug and Alcohol Testing 33

10.2. Training 33

10.3. Site Safety Meetings 33

11. AUDITS AND INSPECTIONS 34

12. INCIDENT RESPONSE 35

12.1. Emergencies 35

12.2. Incident Reporting/Investigation 36

12.2.1. ENSR Requirements 36

Attachments

A Site Map
B HASP Signoff Sheet
C Pre-Entry Briefing Attendance Sheet
D Supervisor's Accident Investigation Report
E Material Data Safety Sheets
- Isobutylene
- Alconox
- Bentonite
- Diesel Fuel
- Hydrochloric Acid
- Liqui-Nox
- Portland Cement
- Helium
- Filter Sand

F Safe Driving
G HASP Quiz
H Organization Chart
I Job Safety Analysis
- Warm Weather GW Monitoring
- Observation Vacuum Truck Operations (optional)
- Well Installation/Development (optional)
- Soil Vapor Probe installation
- Soil Gas Sampling
- Removal of Unauthorized Personnel
- Drum handling/Management
- Soil Sampling (Hand Auger)
- Borehole clearance (Hand Auger)
- Well Abandonment
- Surveying

J Permits (if applicable)

1. INTRODUCTION

1.1. ENSR Safety Policy

ENSR Corporation is committed to providing our employees with a safe and healthy work environment. It is not only our obligation to each other, but also a sound business practice to do so. Work related injuries and illnesses cause needless pain and suffering, cost money, and adversely affect our reputation with our clients. It is our firm belief that all work related injuries and illnesses are preventable, and it is therefore our goal to have a workplace that is free from occupational injuries and illnesses. Every attempt shall be made to eliminate the possibility of injuries and illnesses. No aspect of the company's activities, including expediency and cost, shall take precedence over the health and safety of our employees.

1.2. Purpose

This Health and Safety Plan (HASP) has been developed by ENSR Corporation (ENSR). The purpose of this plan is to minimize potential risk to personnel implementing general site activities at the former Welch's Uniform site located in Los Angeles, California. The provisions of this HASP apply to ENSR personnel who will be potentially exposed to safety and/or health hazards associated with the investigative tasks outlined in Section 3.0 of this HASP.

This HASP has been written to comply with OSHA's Hazardous Waste Operations and Emergency Response Standard (29 CFR 1910.120), and the CalOSHA equivalent. All activities covered by this HASP must be conducted in complete compliance with all applicable federal, state and local health and safety regulations. Personnel covered by this HASP who cannot or will not comply with these requirements will be excluded from site activities

1.3. Modifications

Every effort has been made to address the hazards associated with the types of chemical contamination that may be encountered at the site being investigated by ENSR. Similarly, this document also discusses the physical hazards associated with the typical types of activities that may be performed by ENSR employees or subcontractors during an environmental investigation. Unanticipated site-specific conditions or situations may occur during the implementation of the proposed environmental investigations that are not addressed in this document. As such, this HASP must be considered a working document that is subject to change to meet the needs of each site investigation.

This HASP does not apply to the removal of underground storage tank (UST) systems or to the installation, operation, maintenance and monitoring of remediation systems.

Prior to working at site, the Project Manager, Jeff Otter (PM) or Field Technician will review with the Regional Health and Safety Manager (RHSM), the scope of work and the expected nature and

extent of contamination at the site. If unique site hazards are present or different investigative tasks are proposed that have not been addressed in this HASP, it will be necessary to modify this HASP. All proposed modifications to this HASP must be reviewed and approved by the RHSM before such modifications are implemented in the field. Modifications to the HASP will be incorporated into the document as addenda.

1.4. Approval and Dissemination

All ENSR personnel and subcontractor personnel covered by this HASP must read a copy of it and return the HASP signoff sheet (Attachment B) to the ENSR Site Safety Officer (SSO) prior to the start of on-site activities. This HASP will be submitted to the Department of Toxic Substances Control (DTSC) for approval.

1.5. Regulatory Compliance

All work performed at the site will be in compliance with the regulatory requirements imposed by the DTSC. Alberto Valmidiano from the DTSC is the case officer assigned to the site.

Department of Toxic Substances Control (DTSC)
c/o Alberto Valmidiano
9211 Oakdale Avenue
Chatsworth, California
818-717-6500

1.6. Permitting

Soil Boring/Well permits will be obtained from the County of Los Angeles – Department of Public Health prior to subsurface drilling for collection of hydropunch samples and vapor well installation. All appropriate permits will be brought to the site.

1.7. Responsibilities

The implementation of health and safety at this project location will be the shared responsibility of the ENSR Project Manager (PM), the ENSR Regional Health and Safety Manager (RHSM), the ENSR Project Site Safety Officer (SSO) and all other ENSR personnel.

1.7.1. Project Manager

The ENSR PM (Jeff Otter) is responsible for ensuring that the requirements of this HASP are implemented at this project location. Some of the PM's specific responsibilities include:

- Assuring that all personnel to whom this HASP applies have received a copy of it;

- Providing the RHSM with updated information regarding environmental conditions at the site and the scope of site work;

- Providing adequate authority and resources to the on-site SSO to allow for the successful implementation of all necessary safety procedures;

- Supporting the decisions made by the SSO and RHSM;

- Maintaining regular communications with the SSO and, if necessary, the RHSM; and,

- Providing project scheduling and planning activities.

- Reviewing subcontractor HASP prior to commencement of field activities.

1.7.2. Regional Health and Safety Manager

The ENSR RHSM (Joe Sanders) is the individual responsible for the preparation, interpretation and modification of this HASP. Modifications to this HASP which may result in less stringent precautions cannot be undertaken by the PM or the SSO without the approval of the RHSM. Specific duties of the RHSM include:

- Writing, approving and amending the HASP for this project;

- Advising the PM and SSOs on matters relating to health and safety;

- Recommending appropriate personal protective equipment (PPE) and air monitoring instrumentation; and

- Maintaining regular contact with the PM and SSO to evaluate the conditions at the property and new information which might require modifications to the HASP.

1.7.3. Site Safety Officer

All ENSR field technicians are responsible for implementing the safety requirements specified in this HASP. However, one field technician will serve as the SSO during each investigation event, who will be appointed by the PM. S/he will be on-site during all activities covered by this HASP. The SSO is responsible for enforcing the requirements of this HASP once work begins. The SSO has the authority, and the responsibility, to immediately correct all situations where noncompliance with this HASP is noted and to immediately stop work in cases where an immediate danger is perceived. Some of the SSO's specific responsibilities include:

- Assuring that all personnel to whom this HASP applies have submitted a completed copy of the HASP sign-off form;

- Assuring that all personnel to whom this HASP applies have attended a pre-entry briefing prior to entering a restricted area;
- Maintaining a high level of health and safety consciousness among employees at the work site;
- Procuring and distributing the PPE needed for this project for ENSR employees;
- Procuring the air monitoring instrumentation required and performing air monitoring for ENSR activities;
- Verifying that all PPE and health and safety equipment used by ENSR employees is in good working order;
- Setting up and maintaining the cleanup zone within the restricted areas and assuring proper cleanup of all site personnel;
- Notifying the PM of all noncompliance situations and stopping work in the event, when safe to do so, a potentially dangerous situation is perceived;
- Monitoring and controlling the safety performance of all personnel within the established restricted areas to ensure that required safety and health procedures are being followed and correcting any deficiencies;
- Conducting accident/incident investigations and preparing accident/incident investigation reports;
- Conducting the pre-entry briefing as required by Section 9.3 of the HASP; and,
- Initiating emergency response in accordance with Section 10.0 of this HASP.
- Reviewing subcontractor HASP prior to commencement of field activities.

1.7.4. Field Personnel

All ENSR personnel are responsible for following the health and safety procedures specified in this HASP and for performing their work in a safe and responsible manner. Some of the specific responsibilities of the field personnel are as follows:

- Reading the HASP in its entirety prior to the start of on-site work;
- Submitting a completed HASP Acceptance Form and documentation of medical surveillance and training to the SSO prior to the start of work;
- Attending the pre-entry briefing prior to beginning on-site work;
- Bringing forth any questions or concerns regarding the content of the HASP to the PM or the SSO prior to the start of work;
- Stopping work when unsafe conditions occur;
- Reporting all accidents, injuries and illnesses, regardless of their severity, to the ENSR SSO; and,
- Complying with the requirements of this HASP and the requests of the SSO.

1.7.5. Short Service Employee

A Short Service Employee (SSE) is an employee with fewer than six months experience working supervised on field projects or an employee who has not completed required training or received required certifications.

Short Service Employees will not be assigned to this project unless they are supervised on site by a qualified person.

Short Service Employees will be identified in the field by an orange hard hat or orange ballcap should hard hats not be required for a specific phase of work.

Field crews with less than five workers shall have no more than one SSE.

Field crews with five or more workers shall not have more than 20% SSE personnel

1.7.6. Subcontractors

Subcontractors on this site are responsible for:

- Designating a SSO to work in conjunction with ENSR's SSO;
- Complying with the requirements of this HASP and the directions of the SSO;
- Preparing their own HASP, which meets or exceeds the requirements of the site HASP;
- Ensuring, via daily inspections, that their equipment is in good working order;
- Immediately reporting to ENSR, any accidents, injuries, or near misses;
- Operating their equipment in a safe manner;
- Providing ENSR with copies of material safety data sheets (MSDS) for all hazardous materials brought on-site; and,
- Providing all the required PPE for their employees.

2. SITE HISTORY / DESCRIPTION

The property was formerly a commercial dry-cleaning facility established c.1920, which operated until approximately 1988. At least twelve underground storage tanks (USTs) were in service at the site, which were removed or filled in-place between 1987 and 2004. All buildings associated with the previous operation were removed in 1993 and the site is now a vacant lot. Currently the property is owned by AmeriPride Services Inc. AmeriPride is seeking a soil closure to facilitate development of the property, and is considering building a 30,000 square foot Apparel Center on the site within two years.

The principal chemicals of concern at the site are perchloroethylene (PCE), trichloroethylene (TCE), cis-1,2-dichloroethylene (cDCE), and petroleum hydrocarbons, which are associated with the dry cleaning solvents, boiler fuel, and motor vehicle fuels stored and used in the laundering and dry cleaning operations that were formerly conducted at the site.

3. SCOPE OF WORK

3.1. Soil Gas Assessment

Multi-depth soil gas sampling may occur at the site to assess subsurface vertical and lateral extents of VOCs. This assessment phase may involve:

- Establishing site controls to protect workers and public;
- Utility marking and clearance activities utilizing hand auger or air-knife rig;
- Use of hollow-stem auger rig for installation of permanent soil gas probes for onsite soil gas analysis, and
- Collection of soil gas samples from permanent soil gas probes.

3.2. Soil Assessment Activities

Installation of additional soil borings for vertical and lateral assessment will be conducted. Work activities will include the use of hollow-stem auger (HSA) drill rigs. Work activities associated with this task will include:

- Establishing site controls to protect workers and public;
- Utility marking and clearance activities utilizing an air-knife rig;
- HSA drilling for soil sample collection, collection of groundwater grab samples from select borings;
- Collection of near surface soil samples to 10 feet bgs using manual drilling;
- Placement of drum for soil disposal;
- Movement of drums of soil and decontamination water from the boring locations to a centralized site;
- Backfilling of boreholes, and replacement of pavement to match existing grade;

3.3. Groundwater Monitoring

Routine, on-going groundwater monitoring involves periodically opening well heads, purging the well, and collecting samples via bailer of pump for submission to a laboratory for chemical analysis. This task involves potential exposure, via direct contact or inhalation, to the contaminants of concern in the groundwater. Also, purging the wells (via pumping) and physically collecting the samples involves potential ergonomic hazards. Wells located in any offsite locations may involve the use of traffic control and involve traffic hazards.

4. HAZARD ASSESSMENT

The following chemical and physical hazard assessment applies only to the proposed tasks as described in Section 3.0.

4.1. Chemical Hazards

Volatile Organic Compounds (VOCs) associated with former site operations including tetrachloroethene (PCE), trichloroethene (TCE), cis-1,2-dichloroethene (c-DCE), trans-1,2-dichloroethene (t-DCE), vinyl chloride (VC), TPH, and benzene are constituents of concern at this site. Based on previous soil and groundwater assessments PCE, TCE, and c-DCE are likely to be encountered at elevated concentrations during the investigation.

4.1.1. Recent Concentrations of Contaminants of Concern

Well ID	PCE *(ug/L)*	TCE *(ug/L)*	c-DCE *(ug/L)*	t-DCE *(ug/L)*	VC *(ug/L)*	TPH *(ug/L)*	Benzene *(ug/L)*
MW-2	1.5	ND<0.37	ND<0.35	ND<0.38	ND	ND<48	ND
MW-3	**190**	**60**	**70**	4.1	ND	NA	ND
MW-7	**16**	**9.2**	**44**	1.8	ND	ND<48	ND
MW-8A	1.4	ND<0.37	ND<0.35	ND<0.38	ND	ND<48	ND
MW-9A	**13**	**7.5**	**66**	0.85 J	ND	ND<48	ND
MW-9B	3.0	ND<0.37	ND<0.35	ND<0.38	ND	ND<48	ND
MW-10A	**7.4**	4.3	**120**	1.3	0.52	64	ND
MW-10B	**5.4**	3.6	2.5	ND<0.38	ND	ND<48	ND
MW-13A	**20**	**9.7**	**33**	1.5	ND	56	ND
MW-13B	**6.0**	3.7	**12**	ND<0.38	ND	ND<48	ND
MW-14	**17**	**9.5**	**37**	1.8	ND	NA	ND
MW-15	**26**	**24**	**140**	3.0	ND	83	ND
MW-16A	**38**	**220**	**1100**	**22**	ND	**1000**	ND
MW-16B	**9.0**	2.7	2.7	ND<0.38	ND	ND<48	ND
MW-16C	**9.0**	**9.0**	**6.8**	ND<0.38	ND	ND<48	ND
K-1	**11**	**10**	**36**	1.7	1	93	ND
K-2	**7.1**	4.6	2.9	ND<0.38	ND	ND<48	ND
Soil Sample ID	**PCE *(ug/kg)***	**TCE *(ug/kg)***	**c-DCE *(ug/kg)***	**t-DCE *(ug/kg)***	**VC *(ug/kg)***	**TPH *(ug/kg)***	**Benzene *(ug/kg)***
SB-31-10	17	ND<0.23	ND<0.27	ND<0.29	ND<0.23	ND<4.8	ND<0.11
SB-31-15	330	1.7 J	ND<0.24	ND<0.26	ND<0.20	42	0.13 J
SB-31-20	**570**	1.3 J	ND<0.28	ND<0.29	ND<0.23	280	0.15 J
SB-31-25	**13000**	55 J	ND<32	ND<34	ND<26	170	ND<13
SB-31-30	**5000**	150	**200**	3.8	ND<0.23	760	0.23 J

SB-31-35	**800**	170	55 J	5.1	ND<0.22	ND<4.8	0.22 J

(w) = water sample, A = Shallow, B = Medium, C = Deep
Data from the 3Q07 Quarterly Report and the Supplemental Site Assessment Report (Sept 2007)

4.1.2. Hazardous Properties of Potential Chemical Contaminants

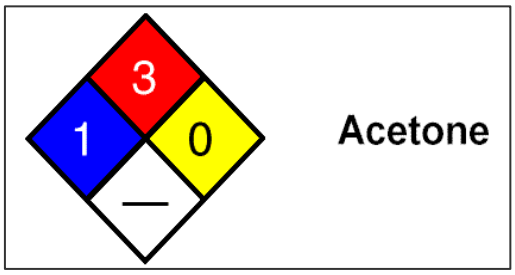
Chemical Name	PEL[1]	TLV[2]	VP[3]	VD[4]	SG[5]	SOL[6]	FP[7]	LEL[8]	UEL[9]	IP
PCE	100	25	14	>1	1.62	0.02	NA	NA	NA	9.32
TCE	100	10	58	>1	1.46	0.1	?	8%	10.5%	9.45
Cis-1,2-DCE	200	200	180-265	>1	1.27	0.4	36-39F	5.6	12.8	9.65
Trans-1,2-DCE	200	200	180-265	>1	1.27	0.4	36-39F	5.6	12.8	9.65
Gasoline	NE	300	>400	3	0.8	Neg.	<-40	1.4	7.6	
Benzene	1	0.3	75	2.8	0.88	0.07	12	1.2	7.8	9.24

1 Permissible Exposure Limit in ppm
2 Threshold Limit Value in ppm
3 Vapor Pressure in mm Hg
4 Vapor Density (air = 1)
5 Specific Gravity (water = 1)
6 Solubility in Water in %
7 Flash Point in °F
8 Lower Explosive Limit in % by volume
9 Upper Explosive Limit in % by volume
IP Ionization Potential in eV
NE = Not Established
NA = Not Applicable
? = Not known
Information from NIOSH Website (viewed 01/29/2008)

4.1.3. Hazardous Substances Brought On-Site by ENSR or Subcontractor

In compliance with OSHA's Hazard Communication Standard (29 CFR 1910.1200), a material safety data sheet (MSDS) must be available for each hazardous substance that ENSR or subcontractor brings onto the site, and site workers must be aware of the hazards of these substances.. This includes solutions/chemicals that will be used to decontaminate sampling equipment. For this program, Alconox soap is the only solution being used to decontaminate sampling equipment.

In addition, all containers of hazardous materials must be labeled in accordance with OSHA's Hazard Communication Standard. Either the original manufacturer's label or an NFPA 704M label specific for the material (as shown at the right) is considered to be an acceptable label.



4.2. Hazard Potential / Control

4.2.1. Hazard Potential

The potential routes of exposure based on the proposed activities include:

- Dermal contact with potentially contaminated soil and groundwater during sampling activities, and
- Inhalation of contaminant vapors or contaminated dust during drilling and sampling activities.

4.2.2. Hazard Control

To reduce the potential for contact with contaminated soil and groundwater, personal protective equipment (PPE), as described in Section 7.1 of this HASP, will be worn.

5. PHYSICAL HAZARDS

5.1. Driving Safety

Drivers must be licensed to drive the class of vehicle they are operating and trained in defensive driving. Only ENSR personnel may drive ENSR vehicles or vehicles rented for ENSR business; client, subcontractor, or other work-related personnel may ride. Drivers and passengers must comply with all traffic laws and posted signs, and will not operate a vehicle if under the influence of impairing medication, alcohol, or any other substance.

5.1.1. Planning / Preparation

- Prior to departure, check traffic reports, weather conditions, road construction, and road closures. If necessary, develop an alternate route and a new, approved Journey Management Plan (JMP).
- Prior to entering the vehicle, inspect the vehicle (see Attachment, *Safe Driving*).
- Leave early to allow for contingencies.
- See Section 5, *Traffic Hazards*, regarding the need for a Traffic Control Plan (TCP).

5.1.2. DOT

If you are to operate a vehicle exceeding 10,000 pounds (or vehicle and trailer with a combined weight over 10,000 pounds), or you are to transport hazardous materials, you MUST comply with Department of Transportation (DOT) regulations. These are NOT addressed in this HASP; contact the H&S Department if this applies.

5.1.3. Distractions

You must NOT operate a vehicle while talking on your cell phone, regardless of "hands free" or not. Cell phones must be turned off while the vehicle is running. If you want to make a call, pull over and park before dialing. Do NOT allow other distractions to interfere with your safe operation of the vehicle.

5.1.4. Secure Packing

Do not move your vehicle unless all equipment and supplies are secured. Items and material which may roll, slide, or move about in your vehicle while traveling are a major hazard. **Secure the load!**

(See the Safe Driving Attachment for additional information.)

5.2. Traffic

When working in traffic areas, the following precautions should be implemented.

- Wear a Class II safety vest. If work is being performed at dawn, dusk or evening the vests must have additional reflective tape and sleeves.
- Use delineated cross walks when walking to and from wells located across the street.
- Set up traffic cones, barricades, or "Men at Work" signs in front of the work area.
- Areas for pedestrian and vehicle traffic on site must be designated.
- No work shall be done in public right of way at dawn or dusk without discussing need for additional precaution with PM, such as Class I safety vests, barricades with additional lighting, etc.

If activities may occur along or in a public roadway or right-of-way, the PM must develop and implement a TCP.

5.3. Underground Utilities

If any subsurface work is needed to maintain the DPE system or wells, California requires a utility clearance to be performed prior to initiation of such work. ENSR will contact the utility clearance organization to request a mark-out of natural gas, electric, telephone, cable television, water and sewer lines in the proposed boring or excavation locations. Work will not begin until the required utility clearances have been performed. Public utility clearance organizations typically do not mark-out underground utility lines that are located on private property. ENSR will exercise due diligence and try to identify the location of any private utilities, as well as dispensing lines, on the properties being investigated. ENSR will fulfill this requirement in several ways, including:

- Obtaining as-built drawings for the areas being investigated from the property owner;
- Visually reviewing each excavation location with the property owner or knowledgeable site representative;
- Performing a geophysical survey to locate utilities or hiring a private line locating firm to determine the location of utility lines that are suspected to be present at the property;
- Identifying a no-dig zone (positive location of known utilities); or
- Hand digging or air-knifing to 8', in the proposed excavation locations if insufficient data is available to accurately determine the location of the utility lines.

5.4. Overhead Utilities

Be particularly aware of overhead power lines in the work area. Any vehicle or equipment capable of having parts of its structure elevated (drill rig, crane etc.) near energized overhead lines shall be operated so that a clearance of at least 10 feet is maintained. If the voltage is higher than 50KV, the clearance shall be increased 4 inches for every 10KV over that voltage.

5.5. Hand Digging

Hand digging involves the potential ergonomic injuries of strains and sprains. Care must be exercised to avoid these by stretching, not over-exerting, and use of gloves and other appropriate PPE.

5.6. Air Knifing-Geophysical

Air-knifing / vacuum excavation may be used to "clear" boring locations prior to actual drilling. This operation will be used to locate potential utilities (and cobble) down to 8', and to avoid drilling through utilities with the drill rig. Air-knifing / vacuum excavation produces a lot of noise and requires the use of hearing protection. Airborne dust and projectiles are also potential hazards during this process, though the vacuum should collect small dust particles. Goggles or a face shield should be worn to protect against dust and projectiles. Ear plugs will be worn for hearing protection, and a respirator may be necessary if excessive dust (normally controlled) is created and not captured.

5.7. Soil Boring (Auger) and Well Installation

Subsurface activities **will require a permit** if groundwater is sampled. Use of a drill rig to advance soil borings and install monitoring wells will require all personnel in the vicinity of the operating rig to wear steel-toed boots, traffic vests, hardhats, hearing protection and safety eyewear. Personnel shall not remain in the vicinity of operating equipment unless it is required for their work responsibilities. Additionally, the following safety requirements must be adhered to:

- All drill rigs and other machinery with exposed moving parts must be equipped with an operational emergency stop device. Drillers and geologists must be aware of the location of this device. This device must be tested prior to job initiation and periodically thereafter. The driller and helper shall not simultaneously handle augers unless there is a standby person to activate the emergency stop.
- The driller must never leave the controls while the tools are rotating unless all personnel are kept clear of rotating equipment.
- A long-handled shovel or equivalent must be used to clear drill cuttings away from the hole and from rotating tools. Hands and/or feet are not to be used for this purpose.
- A remote sampling device must be used to sample drill cuttings if the tools are rotating or if the tools are readily capable of rotating. Samplers must not reach into or near the rotating equipment. If personnel must work near any tools which could rotate, the driller must shut down the rig prior to initiating such work.

- Drillers, helpers and geologists must secure all loose clothing when in the vicinity of drilling operations.
- Only equipment which has been approved by the manufacturer may be used in conjunction with site equipment and specifically to attach sections of drilling tools together. Pins that protrude excessively from augers shall not be allowed
- No person shall climb the drill mast while tools are rotating.
- No person shall climb the drill mast without the use of ANSI-approved fall protection (approved belts, lanyards and a fall protection slide rail) or portable ladder which meets the requirements of OSHA standards.

5.8. Hazards from Chipping Asphalt and Concrete

An increased eye hazard exists during the cutting or chipping of asphalt and/or concrete surfaces if required to facilitate soil boring activities. Employees must wear safety glasses with attached side-shields to protect them from flying debris. Employees may also choose to wear a face-shield over their glasses if impact from the debris is excessive. This activity also poses potential respiratory (dust) and noise hazards, requiring a respirator and hearing protection.

5.9. Groundwater and Soil Gas Monitoring

Bailing wells requires proper gloves, eye protection, and possibly protective coveralls to prevent splashing. Back and lifting precautions outlined in Section 5.12 shall be used to avoid ergonomic injuries. Chemical protective PPE, including respirators, must be used when bailing free-product or highly contaminated wells. Precautions must be exercised during soil gas monitoring to avoid airborne exposure and wear respirators when necessary.

5.10. Hand Safety

5.10.1. Glove Selection

To protect onsite workers from hand injuries, the following gloves will be used for when performing a specific duty:

DUTY/HAZARD	TYPE OF GLOVE MATERIAL
Light Duty Abrasions/loss of grip/adsorption	Cotton, Leather, Rubber Coated or Kevlar separately or in combination with nylon/ nitrile /Teflon®
Medium Duty Laceration/adsorption	Leather or Kevlar separately or in combination with nylon / nitrile / Teflon®
Heavy Duty Laceration/puncture	Kevlar (exposure to sharp or jagged metal, glass, box cutters, etc), stainless core (stainless steel woven into material), HexArmor™ (see New Products Section below)
High Temperature	Kevlar / Nomex / Fiberglass
Low Temperature	Insulating Gloves

Puncture	Aramid, HexArmorTM (see New Products Section below)

While on site, extra gloves will be stored in the workers safety vests for easy retrieval.

Pinch points are found between a moving object and a stationary object, or between two continuously moving objects. Yellow hand stickers will be placed on equipment to remind workers of pinch points.

5.10.2. Hand Tools

Rules for the safe use of hand tools:

- Select the right size tool for the job. Don't use "cheaters" and avoid pulling old tools from the waste stream. There's a reason why they were thrown away!
- Always inspect tools before use and replace or repair worn or damaged tools.
- Always keep the cutting edges sharp and never test a cutting edge with your finger.
- When working on an elevated surface (ladder, truck, scaffold), ensure your tools are secure. Falling tools can cause serious injury.
- Always carry your tools correctly and never put sharp or pointed tools in your pocket.
- When carrying hand tools, always point the cutting edge to the ground.
- Always keep your tools in a dry place to prevent rust.

Please use the following types of tools while working on site:

Screwdrivers:
Most screwdrivers are not designed to be used on electrical equipment. Use an insulated screwdriver for electrical work.

Do not hold an object in the palm of one hand and press a screwdriver into it; place the object on a bench or table. Never hammer with a screwdriver. Never use a screwdriver with a broken handle, bent or burred blade, etc.

Pliers:
Do not use pliers as a substitute for hammers, wrenches, pry bars, etc. Use insulated pliers when doing electrical work. Inspect the pliers frequently to make certain that they are free of breaks or cracks.

Use the right type of pliers for the specific task – adjustable, locking (Vise Grip®), standard, bolt size fit, pipe wrench.

Hammers:
Use the correct hammer for the specific type of striking work (task) to be done. Always wear safety glasses when using a hammer to strike an object. Always use the claw portion of a hammer to remove

nails and not as a pick or awl. Have an unobstructed view and swing when using a hammer. Watch for overhead interference on back and forward swing. Use a good grip and use something other then your hand to hold a nail when starting hammering. Check for defects on the handle and head before using. If the hammer head shows signs of mushrooming, replace it immediately.

Handles may be wood, tubular/solid steel or fiberglass. Replace any hammer with a loose handle before the head flies off and causes injury to you or someone else. Tighten loose handles with the proper wedges; never use nails or staples for wedges. If a steel or fiberglass handle is loose replace it, since it is more difficult to repair than a wooden one. Some fiberglass handles can be tightened with the aid of a repair kit with epoxy materials.

5.11. Noise

Use of heavy machinery may expose employees to excessive amounts of noise. Exposure to noise can result in the following:

- Temporary hearing losses where normal hearing returns after a rest period;
- Interference with speech communication and the perception of auditory signals;
- Interference with the performance of complicated tasks; and,
- Permanent hearing loss due to repeated exposure resulting in nerve destruction in the hearing organ.

Since personal noise monitoring will not be conducted during the proposed activities, employees must follow this general rule of thumb:

If the noise levels are so loud that you must shout at someone who is 5 feet away from you, you need to be wearing hearing protection. ENSR employees can wear either disposable earplugs or earmuffs but all hearing protection must have a minimum noise reduction rating (NRR) of 27 decibels (db).

5.12. Back Safety

Using the proper techniques to lift and move heavy pieces of equipment, such as generators or drums of investigation-derived wastes, is important to reduce the potential for back injury. The following precautions should be implemented when lifting or moving heavy objects.

- Use mechanical devices to move objects, such as drums of investigation derived wastes or generators, that are too heavy to be moved manually;
- If mechanical devices are not available, ask another person to assist you;

- Bend at the knees, not the waist; Let your legs do the lifting;
- Do not twist while lifting;
- Bring the load as close to you as possible before lifting;
- Be sure the path you are taking while carrying a heavy object is free of obstructions and slip, trip and fall hazards.

5.13. Electrical Hazards

If using portable tools that are electrically powered, follow the safety precautions listed below:

- Check to see that electrical outlets used to supply power during field operations are of the three wire grounding type;
- Extension cords used for field operations should be of the three and four wire grounding type and designed for hard or extra-hard usage; This type of cord uses insulated wires within an inner insulated sleeve and will be marked S, ST, STO, SJ, SJO or SJTO;
- NEVER remove the ground plug blade to accommodate ungrounded outlets;
- Do not use extension cords as a substitute for fixed or permanent wiring; Do not run extension cords through openings in walls, ceilings or floors;
- Protect the cord from becoming damaged if the cord is run through doorways, windows or across pinch points;
- Examine extension and equipment cords and plugs prior to each use; Damaged cords with frayed insulation or exposed wiring and damaged plugs with missing ground blades MUST BE REMOVED from service immediately;
- All portable or temporary wiring which is used outdoors or in other potentially wet or damp locations must be connected to a circuit which is protected by a ground fault circuit interrupter (GFCI); GFCI's are available as permanently installed outlets, as plug-in adapters and as extension cord outlet boxes. DO NOT CONTINUE TO USE A PIECE OF EQUIPMENT OR EXTENSION CORD WHICH CAUSES A GFCI TO TRIP.
- When working in flammable atmospheres, be sure that the electrical equipment being used is approved for use in Class I, Division I atmospheres;

Do not touch a victim who is still in contact with current; Separate the victim from the source using a dry, nonmetallic item such as a broom stick or cardboard box; Be sure your hands are dry and you

are standing on a dry surface; Turn off the main electrical power switch and then begin rescue efforts.

5.14. Thermal Stress

Investigations may be performed during any month of the year. As such, the hazards associated with heat and cold stress are addressed in this HASP.

5.14.1. Cold Stress

Types of Cold Stress

Cold injury is classified as either localized, as in frostbite, frostnip or chilblain; or generalized, as in hypothermia. The main factors contributing to cold injury are exposure to humidity and high winds, contact with wetness and inadequate clothing.

The likelihood of developing frostbite occurs when the face or extremities are exposed to a cold wind in addition to cold temperatures. The freezing point of the skin is about 30^{o} F. The fluids around the cells of the body tissue freeze, causing the skin to turn white. This freezing is due to exposure to extremely low temperatures. As wind velocity increases, heat loss is greater and frostbite will occur more rapidly.

Symptoms of Cold Stress

The first symptom of frostbite is usually an uncomfortable sensation of coldness, followed by numbness. There may be a tingling, stinging or aching feeling in the effected area. The most vulnerable parts of the body are the nose, cheeks, ears, fingers and toes.

Symptoms of hypothermia, a condition of abnormally low body temperature, include uncontrollable shivering and sensations of cold. The heartbeat slows and may become irregular, the pulse weakens and the blood pressure changes. Pain in the extremities and severe shivering can be the first warning of dangerous exposure to cold.

Maximum severe shivering develops when the body temperature has fallen to 95^{o} F. This must be taken as a sign of danger and exposure to cold must be immediately terminated. Productive physical and mental work is limited when severe shivering occurs.

Methods to Prevent Cold Stress

When the ambient temperature, or a wind chill equivalent, falls to below 40^{o} F (American Conference of Governmental Industrial Hygienists recommendation), site personnel who must remain outdoors should wear insulated coveralls, insulated boot liners, hard hat helmet liners and insulated hand protection. Wool mittens are more efficient insulators than gloves. Keeping the head covered is very important, since 40% of body heat can be lost when the head is exposed. If it is not necessary to wear a hard hat, a wool knit cap provides the best head protection. A face mask may also be worn.

Persons should dress in several layers rather than one single heavy outer garment. The outer piece of clothing should ideally be wind and waterproof. Clothing made of thin cotton fabric or synthetic fabrics such as polypropylene is ideal since it helps to evaporate sweat. Polypropylene is best at wicking away moisture while still retaining its insulating properties. Loosely fitting clothing also aids in sweat evaporation. Denim is not a good protective fabric. It is loosely woven which allows moisture to penetrate. Socks with high wool content are best. If two pairs of socks are worn, the inner sock should be smaller and made of cotton, polypropylene or a similar type of synthetic material that wicks away moisture. If clothing becomes wet, it should be taken off immediately and a dry set of clothing put on.

If wind conditions become severe, it may become necessary to shield the work area temporarily. The SSO and the PM will determine if this type of action is necessary. Heated break trailers or a designated area that is heated should be available if work is performed continuously in the cold at temperatures, or equivalent wind chill temperatures, of 20^{o} F.

Dehydration occurs in the cold environment and may increase the susceptibility of the worker to cold injury due to significant change in blood flow to the extremities. Drink plenty of fluids, but limit the intake of caffeine.

5.14.2. Heat Stress

Types of Heat Stress

Heat related problems include **heat rash, fainting, heat cramps, heat exhaustion and heat stroke**. **Heat rash** can occur when sweat isn't allowed to evaporate, leaving the skin wet most of the time and making it subject to irritation. **Fainting** may occur when blood pools to lower parts of the body and as a result, does not return to the heart to be pumped to the brain. Heat related fainting often occurs during activities which require standing erect and immobile in the heat for long periods of time. **Heat cramps** are painful spasms of the muscles due to excessive salt loss associated with profuse sweating. **Heat exhaustion** occurs as a result from the loss of large amounts of fluid and excessive loss of salt from profuse sweating. The skin will be clammy and moist and the affected individual may exhibit giddiness, nausea and headache. **Heat stroke** occurs when the body's temperature regulatory system has failed. The skin is hot, dry, red and spotted. The affected person may be mentally confused and delirious. Convulsions could occur. EARLY RECOGNITION AND TREATMENT OF HEAT STROKE ARE THE ONLY MEANS OF PREVENTING BRAIN DAMAGE OR DEATH. A person exhibiting signs of heat stroke should be removed from the work area to a shaded area. The person should be soaked with water to promote evaporation. Fan the person's body to increase cooling. Increased body temperature and physical discomfort also promote irritability and a decreased attention to the performance of hazardous tasks.

Early Symptoms of Heat-Related Health Problems:

- Decline in task performance
- Reduced vigilance

- Lack of coordination
- Decline in alertness
- Unsteady walk
- Excessive fatigue
- Muscle cramps
- Dizziness

Susceptibility to Heat Stress Increases Due To:

- Lack of physical fitness
- Lack of acclimation
- Increased age
- Dehydration
- Obesity
- Drug or alcohol use
- Sunburn
- Infection

People unaccustomed to heat are particularly susceptible to heat fatigue. First timers in PPE need to gradually adjust to the heat.

The Effect of Personal Protective Equipment

Sweating normally cools the body as moisture is removed from the skin by evaporation. However, the wearing of certain PPE, particularly chemical protective coveralls (e.g., Tyvek), reduces the body's ability to evaporate sweat and thereby regulate heat buildup. The body's efforts to maintain an acceptable temperature can therefore become significantly impaired by the wearing of PPE.

Measures to Avoid Heat Stress:

The following guidelines should be adhered to when working in hot environments:

- Establish work-rest cycles (short and frequent are more beneficial than long and seldom);
- Identify a shaded, cool rest area;
- Rotate personnel, alternative job functions;
- Water intake should be equal to the sweat produced. Most workers exposed to hot conditions drink less fluids than needed because of an insufficient thirst; DO NOT DEPEND ON THIRST TO SIGNAL WHEN AND HOW MUCH TO DRINK. For an 8-hour workday, 50 ounces of fluids should be drunk;
- Eat lightly salted foods or drink salted drinks such as Gatorade to replace lost salt;
- Save most strenuous tasks for non-peak heat hours such as the early morning or at night;
- Avoid alcohol or caffeine during prolonged periods of heat; Alcohol and caffeine cause additional dehydration;
- Avoid double shifts and/or overtime.

The implementation and enforcement of the above mentioned measures will be the joint responsibility of the PM, on-site field coordinator, and SSO. Potable water and fruit juices should be made available each day for the field team.

Heat Stress Monitoring Techniques

Site personnel should regularly monitor their heart rate as an indicator of heat strain by the following method:

Check radial pulse rates by using fore-and middle fingers and applying light pressure to the pulse in the wrist for one minute at the beginning of each rest cycle. If the pulse rate exceeds 110 beats/minute, shorten the next work cycle by one-third and keep the rest period the same. If, after the next rest period, the pulse rate still exceeds 110 beats/minute, shorten the work cycle again by one-third.

5.15. Handling of Compressed Gases

Compressed gases may be used to inflate bladder pumps used during low-flow groundwater sampling, for calibration of air-monitoring equipment, or to assess leaks during soil gas sampling. Follow the compressed gas handling procedures as outlined below:

- Inspect all cylinders upon delivery and verify that they are properly labeled;
- Do not store cylinders in direct sunlight (increase in temperature will increase pressure);
- Use a cylinder dolly to move the cylinders;
- Keep cylinder valves closed at all times (except when in use);
- Open valves slowly and away from people;
- Close the valve and relieve the pressure before removing the regulator;
- Always keep the valve cap over the valve assembly when not in use (break in valve will cause cylinder to become a projectile);
- Cylinders must be stored in the upright position and must be secured by a chain or rope;
- Segregate empty cylinders from full cylinders.

5.16. Poisonous Plants / Insects

When working at sites that are heavily vegetated or located near wetlands, employees should be aware of the possible presence of poisonous plants and insects.

Poison oak occurs primarily in the southeast and western United States. The poison oak of the southeastern United States, Rhus quercifolia, has its leaves divided into three leaflets; the leaflets are densely haired and generally have three to seven distinct lobes. The white, berry-like fruits are also somewhat hairy. The poison oak of the U.S. Pacific coast, R. diversiloba, is a shrubby or sometimes climbing plant that grows to 2.4 m (8 ft) high; its three-leaflet leaves are toothed or lobed and are hairless

The leaves, roots, stems and fruit of poison oak contain an oil called urushiol. Contact with the irritating oil causes an intensely itching skin rash and characteristic blister-like lesions. The oil can be transmitted on soot particles when burned and may be carried on the fur of animals, equipment and apparel.

Proper identification of these plants is the key to preventing contact and subsequent dermatitis. Wear long sleeves and pants when working in wooded areas. In areas of known infestation, wear Tyvek coveralls and gloves. Oils are easily transferred from one surface to another. Wash all contaminated clothing and equipment promptly.

If you come in contact with these poisonous plants, wash all exposed areas immediately with cool water to remove the oils. Some commercial products such as Tecnu's Poison Oak-n-Ivy Cleanser claim to further help with the removal of oils.

Ticks are bloodsuckers, attaching themselves to warm-blooded vertebrates to feed. Deer ticks are the most common carriers of Lyme disease, a bacterial infection that is transmitted to humans through the bite of the tick.

Personnel should carefully inspect themselves each day for the presence of ticks or any rashes. This is important since prompt removal of the tick can prevent disease transmission. Female deer ticks are about one-quarter inch in length and are black and brick red in color. Males are smaller and all black.

Removal of the tick is important in that the tick should not be crushed and care must be taken so that the head is also removed. If the head is not completely removed or if the tick is allowed to remain for days feeding on human blood, a condition known as **tick paralysis** can develop, which is due to a neurotoxin which the tick apparently injects while engorging. This neurotoxin acts upon the spinal cord causing loss of coordination, weakness and paralysis.

One characteristic symptom of Lyme Disease is a bulls-eye rash that develops around the bite site. The rash appears in about 60-80% of all Lyme disease cases. Contact your RHSM immediately if you develop such a rash.

Tick season lasts from May through October; peak season is May through July. Wear light-colored clothing (easier to spot ticks) with long sleeves and make sure that shirts are tucked into pants and pants are tucked into socks or boots. Ticks have a tendency to crawl upwards. These procedures will make it more difficult for a tick to reach your skin.

Studies have determined that repellants containing DEET as a main ingredient are most effective against mosquitoes and ticks. DEET can be directly applied to the exposed skin of adults and/or clothing. Permanone® is another repellent however; it can only be directly applied to clothing.

Spiders may be present in the well boxes or in the vegetation located onsite. The two species of spiders to keep a lookout for are the brown recluse spider and the black widow. The brown recluse spider has a violin shaped body, and is approximately the size of a quarter. It's venom is necrotizing, meaning that flesh affected by the venom will die and dissolve away. The black widow is also approximately the size of a quarter with a glossy black body, and on females, a red hourglass design on the underbelly. Its venom is a neurotoxin.

Brown recluse

Black Widow

If bitten by a spider, the victim should try to remain calm, place ice on the bite if available, and keep the bite area low relative to the heart. The victim should be taken to the nearest hospital, along with the spider, if it can be captured safely.

6. AIR MONITORING AND ACTION LEVELS

6.1. General

Prior to initiation of fieldwork, a general air quality survey will be conducted to determine ambient air quality at the Site. Results of this survey will be used to designate locations of decontamination and support zones and determine initial personal protective equipment requirements and monitoring frequencies. Based on previous sampling on site, respiratory protection is not expected to be necessary.

During field activities at the Site air monitoring utilizing equipment described below will be conducted to determine employee exposure to the vapors of the contaminants of concern. If additional chemical hazards are encountered during the course of the project, other types of instruments may be required.

6.2. Direct Reading Instrumentation

Instrument I: Photo-ionization detector (PID)
A PID, such as a RaeSystems MiniRae 2000® equipped with a 10.6 eV (or higher) lamp and calibrated to isobutylene (100 ppm standard), will be used to screen the breathing zone of on-site personnel at every 15 minutes during field activities that may expose employees to contaminated soil and/or groundwater during the site activities. The action levels are presented in the table below based on a 10.6 eV lamp, and the TLV-STEL for TCE.

Instrument II: Combustible Gas Monitor (CGI, or LEL Meter)
If high levels of contamination (free product, etc.) are associated with the site, or if high PID readings are encountered, a CGI must be used to quantify the reading for explosive gases or vapors. The action levels are presented in the table below.

Instrument III: Oxygen (O2) Meter
If work is being performed in areas where the potential for oxygen deficiency exists (e.g., confined spaces) an oxygen meter must be used to monitor the space prior to and during entry. The action levels are presented in the table below.

Instrument III: Carbon Monoxide (CO) Meter
If work is being performed indoors or in poorly ventilated areas and internal combustion powered equipment is being used for excavation or combustion equipment is used for heating or other purposes, a carbon monoxide meter will be available to monitor the work area. The action levels are presented in the table below.

Instrument IV: Dust Monitor

A real-time dust monitor will be used to monitor the breathing zone of personnel during operations. When the dust monitor indicates breathing zone dust concentrations in excess of the action limits respiratory protection is required. The action levels are presented in the table below.

Monitoring Frequency

As discussed above, screening of worker breathing zones will be conducted, using real-time instruments, initially and when changes occur to site operations. Results will be recorded in the field notebook. If screening results are below the PEL's, monitoring does not need to be repeated unless activities or conditions change, strong odors are encountered, or other evidence suggests a need to confirm exposure measurements. In the event that respirators become necessary, monitoring will be performed periodically throughout the work day, until exposure levels are established, and when changes occur thereafter.

Task	Action Limit	Respiratory Protection
All tasks involving potential exposure to contaminated soil. PID measurements taken every 15 minutes in breathing zone.	PID measurements from 0 to 25 ppm above background in the breathing zone for a sustained 15-minute period.	Level D – PPE
	26 to 260 ppm above background in the breathing zone for a sustained 15-minute period.	Stop Work and contact PM. Level C PPE- Half/full facepiece air purifying respirator with organic vapor and acid gas (OVA) cartridges need to be donned.
	> 260 ppm above background in the breathing zone for a sustained 15-minute period.	Stop Work and leave the area immediately. A re-evaluation on work scope and drilling method with engineering controls will need to be adopted. Contact HSH and PM.
When possibility of exposure to CO exists (e.g. utilization of internal combustion engine powered devices in interior of buildings).	CO Meter > 25 ppm	Investigate source. Check, correct and control. Contact PM and HSM
	> 50 ppm	Shut down equipment. Evacuate and determine mitigation procedures. Contact PM and HSM.
When possibility of exposure to flammable vapors exists.	LEL (lower explosive limit) Meter <10% LEL	Continue with caution
	LEL (lower explosive limit) Meter >10% LEL	Stop work. Evacuate the area. Ventilate Site until LEL = 0

Task	Action Limit	Respiratory Protection
When possibility of oxygen deficiency exists or before and during entry into a confined space	Oxygen Level Meter 20.9% < 20.9% < 19.5 %	 Normal Level Investigate. Check, correct and control. Contact PM and HSM Stop Work and evacuate the area. If still <19.5% acquire Level B. Contact PM and HSM.
All tasks involving potential exposure to contaminated dust.	Real time dust monitor (e.g., MIE DataRAM) 0 – 2 mg/m^3 2.-10 mg/m^3 > 10 mg/m^3	Initiate actions to reduce dust levels. Level D PPE Level C PPE; Initiate actions to reduce dust levels. Stop work. Evacuate the area. Contact PM and HSM. Revisit and acquire Level B PPE.

Respiratory protection should also be donned if:

- Visible dust is generated during excavation activities and wetting of the soil is not sufficient to control the generation of dust;
- Odors become objectionable at any time; or,
- Respiratory tract irritation is noticed.

All employees who are expected to wear respiratory protection must have successfully passed a quantitative or qualitative fit-test within the past twelve months.

6.3. Calibration and Recordkeeping

The PID will be calibrated on a daily basis in accordance with Standard Operating Procedure (SOP) and manufacturer's instructions. All instrument calibrations must be recorded in the field notebook. All PID readings will be recorded in the field notebook or on dedicated air monitoring result sheets.

All instruments will be calibrated by the manufacturer or rental agency prior to its being used at the site. A calibration check will be performed prior to use with test gas of a known concentration (e.g., % LEL for CGI meter). The results of the test must be within 5% of the test gas concentration for the instrument to be acceptable for use. Results of all tests will be recorded in the field notebook.

6.4. Personal Exposure Monitoring

Personal exposure monitoring will not be conducted; however breathing zone screening will be done using RaeSystems MiniRae 2000 ™ PID. More than instantaneous exceedances of PELs will require personal exposure monitoring.

6.5. Calibration and Recordkeeping

The PID will be calibrated on a daily basis in accordance with ENSR's Standard Operating Procedure and manufacturer's instructions. All PID readings will be recorded in the field notebook or on dedicated air monitoring result sheets. In addition, all calibrations must be recorded. The carbon monoxide meter will be calibrated by the manufacturer or rental agency prior to its being used at the site.

7. PERSONAL PROTECTIVE EQUIPMENT

To protect site workers from the hazards discussed above, the following protective equipment will be used:

7.1. Protective Clothing

To protect against the hazards discussed above, the following protective equipment / clothing requirements will be followed:

PPE Item	General Work Involving marking of utilities, subsurface surveys, non-drilling	Soil Boring or Air Knife	GW or soil gas Sampling
Hard hat	√	√	√
Safety glasses	√	√	√
Face-shield			4
Steel-toed boots	√	√	√
Gloves, Inner Nitrile		1	√
Gloves, Outer Nitrile		1	√
Gloves, Kevlar / Leather		1	
Hearing Protection (2)		√	
Traffic Vest	√	√	√
Lockout/Tag-out (3)			

1. Wear work gloves when handling pipe or sharp-edged equipment; impervious gloves for chemical exposure.
2. Wear hearing protection in areas where noise levels exceed 85 dBA (or speech becomes difficult)
3. Lockout/Tag-out is required when working on energized equipment.
4. Goggles or a face shield are required where contaminant may be splashed or is under pressure.

7.2. Respiratory Protection

Respiratory protection is not expected to be necessary, based on earlier monitoring. However, air monitoring will be performed to verify that exposure to air contaminants is not exceeding the established action level. If the action level of 25 ppm total VOCs (as indicated by the PID, see section 6.2) is exceeded for more than a 15-minute period within the breathing zone of employees, stop work, inform the PM and don Level C respiratory protection as a precaution.

Task	Action Limit	Respiratory Protection
All tasks involving potential exposure to contaminated soils and/or groundwater.	25 ppm as isobutylene above background on the PID for sustained 15 minute period.	Half mask air purifying respirator with combination organic vapor/HEPA cartridges

Respiratory protection should also be donned if:

- Visible dust is generated during drilling and excavation activities and wetting of the soil is not sufficient to control the generation of dust;
- Odors become objectionable at any time; or
- Respiratory tract irritation is noticed.

All employees who are expected to wear respiratory protection must have successfully passed a quantitative or qualitative fit-test within the past year.

Level C offers no protection against the hazards associated with exposure to carbon monoxide. If traditional drilling techniques (i.e., internal combustion engine) are used to install borings or wells inside a building, a carbon monoxide meter must be used to monitor the build up of exhaust gas in the building. The unit will be set to alarm at 25 ppm. If the alarm sounds, work will cease and all employees will leave the building. If carbon monoxide concentrations can not be reduced, mechanical ventilation may be required.

7.3. Other Safety Equipment

The following additional safety equipment will be brought to the site:

- Portable eye wash
- First Aid Kit
- Portable phones
- Type A-B-C fire extinguisher (it is sufficient to have an extinguisher located in the field truck);

8. SITE CONTROL

To prevent both exposures to unprotected personnel and migration of contamination due to tracking by personnel or equipment, work areas along with personal protective equipment requirements will be clearly defined.

8.1. Designation of Zones

- Exclusion or "hot" Zone
- Contamination Reduction Zone (CRZ)
- Support Zone

8.2. Exclusion Zone

A restricted zone will be established around the entire property while investigation activities are taking place to prevent access by the general public.

8.3. Contamination Reduction Zone

A mini-contamination reduction zone will be established (during monitoring well sampling, this is typically immediately adjacent to each well location) based on the location of work. This is where personnel will begin the sequential decontamination process (see Section 9.0) when exiting the exclusion zone. To prevent cross contamination and for accountability purposes, all personnel will enter and leave the exclusion zone through the contamination reduction zone.

8.4. Support/Restricted Zone

The restricted zone will be outlined with a fence and openings will be provided with traffic cones or "Caution Tape" to prohibit entry by the general public. To protect ENSR employees from the hazards associated with collecting samples in roadways, ENSR will hire a traffic control firm to provide appropriate and sufficient barriers, signs and flaggers as necessary.

The support zone will consist of those areas around the exclusion zone where equipment is staged. Eating, drinking and smoking will be limited to this area.

8.5. Safety Measures/Precautions

The following measures are designed to augment the specific health and safety guidelines provided in this plan.

- ENSR personnel should avoid working alone on remote sites. On most sites, client, subcontractor, or public personnel are generally nearby in case of an emergency or accident. ENSR personnel, through coordination, can rely upon these personnel for assistance in an

emergency. If no one else is nearby, scheduled call-ins on a cell phone may be used to assure personal safety.

- Avoidance of contamination is of the utmost importance. Whenever possible, avoid contact with contaminated (or potentially contaminated) surfaces or materials. Walk around (not through) puddles and discolored surfaces. Do not kneel on the ground or set equipment on the ground. Protect air monitoring equipment from water by bagging.

- Eating, drinking, chewing gum or tobacco, smoking or any practice that increases the probability of hand-to-mouth transfer and ingestion of materials is prohibited in the immediate work area and the decontamination zone.

- Hands and face must be thoroughly washed upon leaving the work area and before eating, drinking or any other activities.

- Beards or other facial hair that interfere with respirator fit are prohibited.

- The use of alcohol or illicit drugs is prohibited during the conduct of field operations.

- All equipment must be decontaminated or properly discarded before leaving the site in accordance with the project work plan.

- Safety equipment described in Section 6.0 will be required for all field personnel unless otherwise approved by the RHSM.

9. DECONTAMINATION

Proper decontamination is required of all personnel before leaving the site. The extent of personnel decontamination will depend on the amount of contamination encountered. Personnel decontamination will be accomplished by following a systematic procedure of cleaning (when necessary) and removing personal protective clothing (PPE)

For this program, disposable PPE, such as gloves, will be disposed of as general refuse.

Regardless of the type of decontamination system required, if washing facilities are unavailable, a container of potable water and liquid soap or clean wipes must be made available so employees can wash their hands and face before leaving the site for lunch or for the day.

10. MEDICAL / TRAINING REQUIREMENTS

10.1. Medical Surveillance

All personnel performing activities covered by this HASP must be active participants in a medical monitoring program which complies with 29 CFR 1910.120 (f). Each individual must have completed an annual surveillance examination and/or an initial baseline examination within the last year prior to performing any work on this site covered by this HASP.

10.1.1. Drug and Alcohol Testing

No plan currently exists for this particular client. However, all of ENSR employee's performing field-work covered by this HASP comply with random drug and alcohol testing requirements for other Retail Petroleum clients.

10.2. Training

All personnel performing activities covered by this HASP must have completed the appropriate training requirements specified in 29 CFR 1910.120 (e). Each individual must have completed an annual 8-hour refresher training course and/or initial 40-hour training course within the last year prior to performing any work on this site covered by this HASP.

Site-specific or equipment-specific training will have been received by those performing tasks requiring additional training (experienced equipment operators may rely on experience rather than formal training in some cases). In addition, each project location must have at least one staff member present on site at all times who is currently trained in First Aid and CPR (Cardio Pulmonary Resuscitation).

10.3. Site Safety Meetings

Prior to the commencement of investigative activities at each project location, a site safety meeting will be conducted by the SSO to review the specific requirements of this HASP. Attendance at this pre-entry briefing is mandatory and will be documented (see Attachment B).

Daily tailgate safety meetings will be conducted and documented throughout the duration of the project.

11. AUDITS AND INSPECTIONS

Safety audits must be conducted and documented for each project location on a monthly basis. In order to meet this requirement, typically these inspections will have to be conducted by the ENSR field team leader and/or project manager.

For short duration jobs (i.e., one week or less), the safety inspection should be conducted shortly after the work has commenced. For longer duration jobs, the inspection should be conducted shortly after commencement and monthly thereafter.

Audits should be documented on the ENSR PM Audit Checklist. To reduce the overall length of this HASP, a copy of the audit checklist is embedded below. Access the checklist by clicking on the icon below. ENSR PMs should print out a copy of the checklist before leaving for the job site, unless a computer and printer will be available at the site.

"Audit Inspection Checklist.xls"

12. INCIDENT RESPONSE

12.1. Emergencies

According to ENSR policy, ENSR personnel shall not participate in any emergency response where there are potential safety or health hazards (i.e., fire, explosion, or chemical exposure). ENSR response actions will be limited to evacuation and medical/first aid as described within this section below. As such, this section of the HASP has been written to comply with 29 CFR 1910.38 (a).

The basic elements of an emergency evacuation plan include employee training, alarm systems, escape routes, escape procedures, critical operations or equipment, rescue and medical duty assignments, designation of responsible parties, emergency reporting procedures and methods to account for all employees after evacuation.

Employee Training: Employees must be instructed in the specific aspects of emergency evacuation applicable to the site as part of the pre-entry briefing prior to the commencement of all on-site activities. On-site refresher or update training is required anytime escape routes or procedures are modified or personnel assignments are changed.

Alarm Systems/Emergency Signals: An emergency communication system must be in effect at all sites. The most simple and effective emergency communication system in many situations will be **direct verbal communications**.

Due to the size of the site, direct communications may be sufficient to warn all employees of a site-related emergency. If direct verbal communications are not a reasonable method of relating an emergency, the field vehicle horn will be used. The former facility is vacant, so telephone service is not available to ENSR. Therefore, ENSR must bring cellular phones with them to summon emergency responders, if necessary.

Drills, Escape Routes and Procedures: The escape route from the work location will be verified by the SSO upon arrival to the site. This will be indicated on the Site Map. The route will be reviewed with all employees during the pre-entry briefing. For this small site, emergency drills may be done as a table-top or verbal exercise; these should be done any time new persons are on site, changed conditions occur, or on a monthly basis.

Escape Routes and Procedures: The escape route from the work location will be verified by the SSO upon arrival to the site. The route will be reviewed with all employees during the pre-entry briefing.

Critical Operations and Equipment: All equipment and operations are required to cease in the event of site evacuation. The only exception will be related to health and safety. The PM or SSO must determine at the time of an emergency if health and safety will be jeopardized by immediate stoppage of any particular piece of equipment or personal activities. If such a determination is

made, personnel involved in critical duties must be minimized and special instructions must be established.

Rescue and Medical Duty Assignments: Prior to initiating work at the site, an ENSR field team member, usually the SSO, shall be appointed to activate emergency response actions. In the event an injury or illness requires more than first aid treatment, that individual will accompany the injured person to the medical facility and will remain with the person until release or admittance is determined. The escort will relay all appropriate medical information to the on-site project manager and the RHSM.

If the injured employee can be moved from the accident area, he or she will be brought to the CRZ where their PPE will be removed. If the person is suffering from a back or neck injury the person will not be moved and the requirements for decontamination do not apply. The SSO must familiarize the responding emergency personnel about the nature of the site and the injury. If the responder feels that the PPE can be cut away from the injured person's body, this will be done on-site. If this not feasible, decontamination will be performed after the injured person has been stabilized.

Designation of Responsible Parties: The SSO is responsible for initiating emergency response. In the event the SSO can not fulfill this duty, the alternate SSO will take charge. All personnel onsite are responsible for knowing the escape route from the site.

Employee Accounting Method: The on-site project manager or SSO is responsible for identifying all ENSR and subcontractor personnel on-site at all times. On small, short duration jobs this can be done informally as long as accurate accounting, via a head-count, is possible.

12.2. Incident Reporting/Investigation

12.2.1. ENSR Requirements

All work-related injuries and illnesses, regardless of severity, must be reported to the ENSR field team leader and/or project manager immediately. The field team leader and/or project manager must report the incident to the ENSR RHSM as soon as possible. Utilize the RHSMs voice mail or e-mail if the incident occurs after hours.

In addition, all near miss incidents must be reported to the ENSR RHSM as soon as possible.

An ENSR Supervisor's Accident Investigation Report form (Attachment D) must be completed by the ENSR field team leader and/or project manager in accordance with the instructions provided by the RHSM and submitted to the RHSM within 24 hours of occurrence of the incident.

If a subcontractor is injured, he/she should report to their supervisor immediately, who in turn, must report the injury to the ENSR SSO.

EMERGENCY REFERENCES

	Phone Number and/or Address as appropriate
Ambulance Service:	**9-1-1**
Police:	**9-1-1**
Fire:	**9-1-1**

Local Hospital:

Los Angeles County Hospital (323) 226-3221
1240 North Mission Road
Los Angeles, CA 90089

Directions to Hospital: **See Next Page**.

Nearest Onsite Phone: The site is a vacant lot; cellular phones are required.

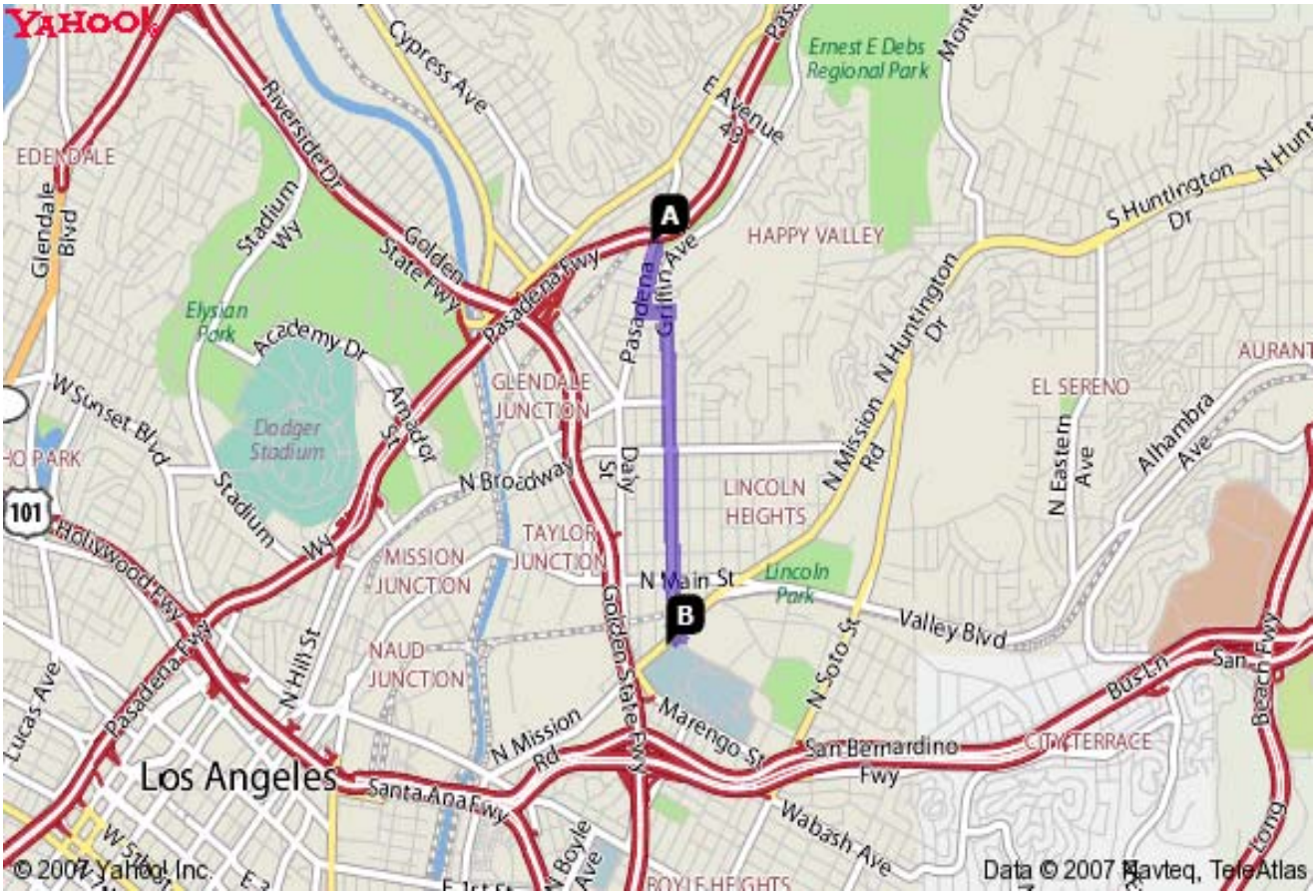
CLIENT REPRESENTATIVES

- Joe Peter (AmeriPride Environmental PM)	952-738-6661

ENSR REPRESENTATIVES:

ENSR – Orange, CA	714-973-9740
Jeff Otter (PM)	714-973-3361 (Direct Dial)
	714-394-0212 (Cell Phone)
Donald Reid (Site Safety Officer)	949-275-0307 (Cell Phone)
Bonnie Chin (Alternate Site Safety Officer)	949-933-3172 (Cell Phone)
Gary Bissonnette (Alternate Site Safety Officer)	949-246-0265 (Cell Phone)
ENSR-Ft Collins, CO	
- Joe Sanders (RHSM)	970-493-8878

Route from Site to Hospital



Los Angeles County Hospital
1240 North Mission Road
Los Angeles, California
323-226-3221

3505 PASADENA AVE, LOS ANGELES, CA 90031-1931, UNITED STATES

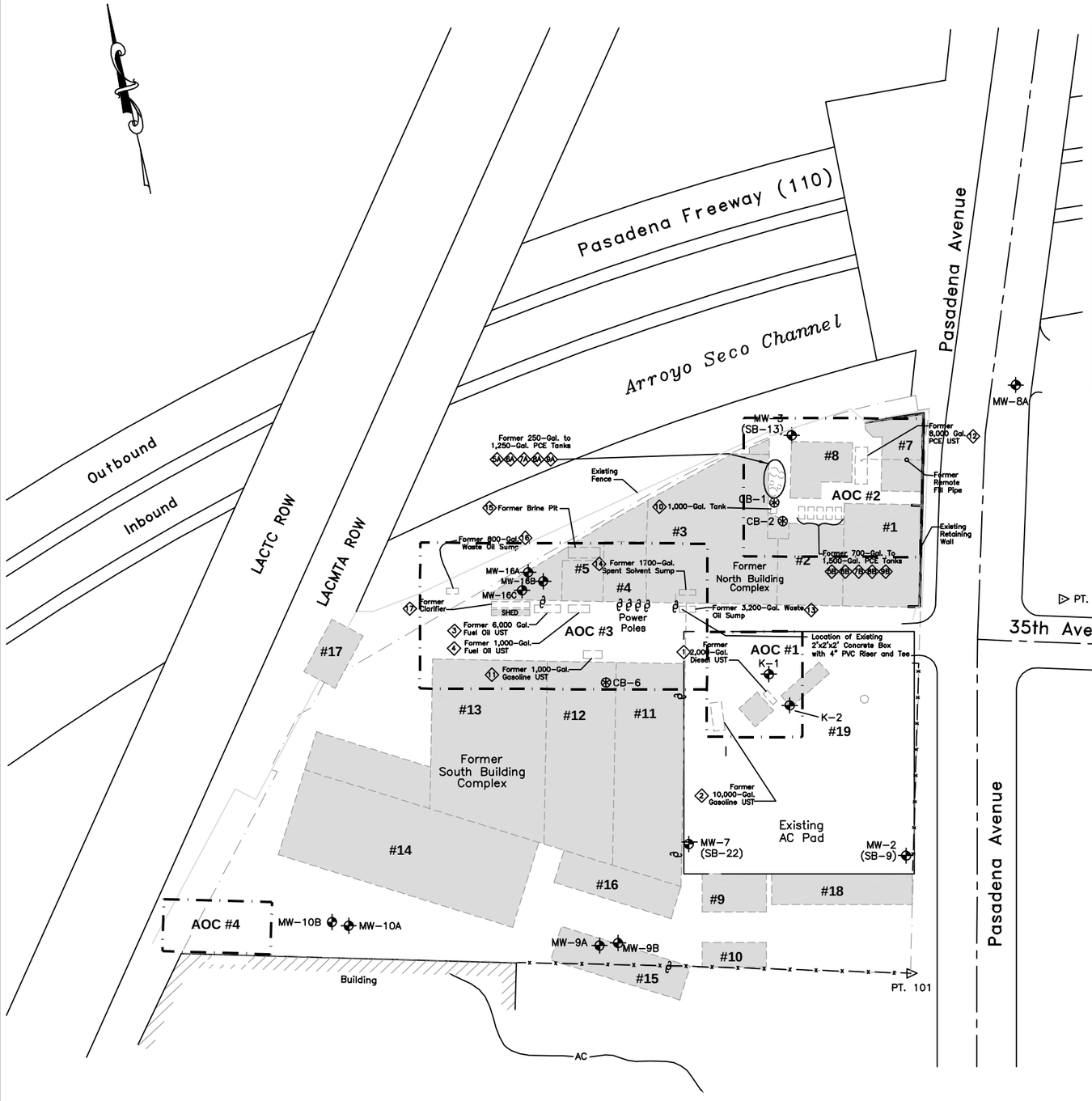
1.	Start at **3505 PASADENA AVE, LOS ANGELES** going toward **E AVENUE 35**	go **0.3** mi	0.3 mi
2.	Turn L **LEFT** on **E AVENUE 32**	go **0.1** mi	0.4 mi
3.	Turn R **RIGHT** on **GRIFFIN AVE**	go **1.3** mi	1.7 mi
4.	Turn R **RIGHT** on **N MISSION RD**	go **< 0.1** mi	1.7 mi
5.	Arrive at **1240 N MISSION RD, LOS ANGELES,** on the L **LEFT**		

B **1240 N MISSION RD, LOS ANGELES, CA 90033-1019, UNITED STATES**

When using any driving directions or map, it's a good idea to do a reality check and make sure the road still exists, watch out for construction, and follow all traffic safety precautions. This is only to be used as an aid in planning.

ATTACHMENT A

Site Map



BUILDING LIST

No.	Use	Construction
1	Offices / Stock Room	3,400-SF, 2-St, Br
2	Stock Room / Washing Area	2,700-SF, 2-St, Br
3	Dryers / Gas Irons / Washing Area	6,600-SF, 2-St, Br
4	Boiler Room	1,600-SF, 1-St, Br
5	Boiler Room	1,000-SF, 1-St, Br
6	Maintenance Shops	1,400-SF, 1-St, Cl&WF
7	Dry-Cleaning Room	1,400-SF, 1-St, Br
8	Dry-Cleaning Room	1,200-SF, 1-St, Br
9	Storage and Equipment	1,100-SF, 1-St, Cl&WF
10	Storage and Equipment	700-SF, 1-St, Cl&WF
11	Offices / Stock Room	6,400-SF, 1-St, Br
12	Distribution & Production	6,500-SF, 1-St, Br
13	Washing Area	8,700-SF, 1-St, Cl&WF
14	Stock Room & Distribution	11,900-SF, 1-St, Cl&WF
15	No Record	2,000-SF, 1-St, Cl&WF
16	No Record	1,800-SF, 1-St, Cl&WF
17	No Record	800-SF, 1-St, Cl&WF
18	Vehicle Garage	2,000-SF, 1-St, Cl&WF
19	Vehicle Maintenance	200-SF, 1-St, Br
20	Lunch Area	300-SF, Canopy

SF = Square Foot
St = Story
Br = Brick
Cl&WF = Corrugated Iron & Wood Frame

UST & SUMP LIST

No.	Gallons	Service	Status
1	2,000	Diesel	Removed 1987
2	10,000	Gasoline	Removed 1988
3	6,000	Fuel Oil	Filled 1988
4	1,000	Diesel	Removed 1988
5A	1,250	Solvent	Removed 1989
5B	1,500	Solvent	No Record
6A	1,250	Solvent	Removed 1989
6B	1,500	Solvent	No Record
7A	250	Solvent	Removed 1989
7B	700	Solvent	No Record
8A	250	Solvent	Removed 1989
8B	700	Solvent	No Record
9A	550	Solvent	Removed 1989
9B	1,000	Solvent	No Record
10	1,000	Solvent	Removed 2004
11	1,000	Gasoline	Filled 1988
12	8,000	PCE	Filled or Removed 1988
13	3,200	Waste Oil Sump	Removed 1988
14	1,700	Spent Solvent Sump	Removed 1988
15	No Record	Brine Pit	No Record
16	800	Waste Oil Sump	Removed 1988
17	No Record	Clarifier / Blow-down Pit	No Record

Legend

- AmeriPride Property Line
- Fence
- Retaining Wall
- Area of Concern (AOC)
- **AOC #1** Former Motor Vehicle Fueling Area
- **AOC #2** Former Dry Cleaning Area
- **AOC #3** Driveway Area
- **AOC #4** Southwest Corner of Site
- MW-4 Surveyed Location of Groundwater Monitoring Well
- 4.2 PCE Concentration in Soil, µg/µg
- Former Building Footprint
- Former Tank Location (Locations are Approximate)
- SB-32 Soil Boring—Completed in 2006 (Not Surveyed, Location is Approximate)
- CB-6 Approximate Location of Confirmation Boring Completed in 2000

Sources:

Field Survey No. B06087 by WM Holdings Inc., Ventura, CA. 11 July 2006.

County of Los Angeles, California Assessor's Office Map #5205-4, 1998

1994 Fairchild Aerial Photo

1938, 1956, and 1998 Aerial Photos.

Field Survey No. 33035A by C.W. Cook Co., Los Angeles, CA. 9 Nov 1964.

Thorne Environmental Sketches (Unscaled)

Facility Drawings (undated and unnumbered).

REVISIONS			
NO:	DESCRIPTION:	DATE:	BY:
1	ISSUANCE OF SSAR	8/6/07	JO
2	2008 WORK PLAN	2/4/08	JO

DESIGNED BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
JO	AG	JO	JO

ENSR | AECOM
ENSR CORPORATION
999 WEST TOWN AND COUNTRY ROAD
4TH FLOOR
ORANGE, CALIFORNIA 92868
PHONE: (714) 973-9740
FAX: (714) 973-9750
WEB: HTTP://WWW.ENSR.AECOM.COM

SITE PLAN

Former Welch's Uniform Facility
3505 Pasadena Avenue
Los Angeles, California

SCALE:	DATE:	PROJECT NUMBER:
1" = 80'	02/04/08	10770-003-500

FIGURE NUMBER: 3

FILENAME: 107700030600C

ATTACHMENT B

Health and Safety Plan Signoff Sheet

ENSR / AECOM

DAILY TAILGATE SAFETY MEETING

Project Name: _____ Date: _____

Project Number: _____ Presented By: _____ Rig No.____

Check the Topics/Information Reviewed:

O emergency procedures & evacuation route	O daily work scope	O site specific hazards
O site safety plan review and location	O directions to hospital	O personal protective equipment
O Safety First / conduct SPSA for every task	O Stop Work Authority	O Ten Tenets
O equipment and machinery familiarization	O pinch points	O strains and sprains
O sharp object, rebar, and scrap metals	O lifting techniques	O buddy system
O slips, trips, and falls	O orderly site and housekeeping	O no short cuts
O vehicle safety and driving/road conditions	O parking and lay down	O public safety and fences
O overhead utility locations and clearance	O backing up hazards	O traffic safety
O open pits, excavations, and site hazards	O electrical ground fault	O hot work permits
O excavation/trenching inspections/documentation	O noise hazards	O flying debris hazards
O Smoking in designated areas	O refueling procedures	O fire extinguisher location
O Eye wash station locations	O decontamination procedures	O excavator swing and loading
O employee Right-To-Know/MSDS location	O first aid, safety, and PPE location	O dust and vapor control
O portable tool safety & awareness	O no horseplay	O effects of the night before
O heat and cold stress	O visitors	O demobilization safety

O short service employee _____

If chemical of concern is **gasoline** and PID readings in the breathing zone exceed 50 ppm, or benzene readings reach .5 ppm, upgrade to level "C" with half-face respirators. If benzene readings in the breathing zone exceed 10 ppm, upgrade to full-face respirator or supplied air. If benzene readings in the breathing zone exceed 50 ppm, upgrade to level "B" with supplied air respirators. Follow action levels of the site safety plan if they are lower.

HASP action level PID Reading _____ Chemical of concern other than gasoline _____ Action Level_____ Stop all work if LEL reaches 10%.

SPSA's

Performed_____

Discussion/Comments/**Near Misses**/Follow-up Actions:

LIST JSAs REVIEWED

NAME	***SIGNATURE***	***COMPANY***

ATTACHMENT C

Pre-Entry Briefing Attendance Sheet

ENSR HEALTH AND SAFETY PLAN PRE-ENTRY BRIEFING ATTENDANCE FORM

General Site Activities
3505 Pasadena Avenue
Los Angeles, California

Conducted by:		**Date Performed:**	
Topics Discussed:	1. Review of the content of the HASP (Required)		
	2.		
	3.		
	4.		

Attendees (Printed):	Signature	Representing

ATTACHMENT D

Supervisor's Accident Investigation Report

ATTACHMENT D
Supervisor's Accident Investigation Report

Injured Employee _____ Job Title _____

Home Office _____ Division/Department_____

Date/Time of Accident _____

Location of Accident _____

Witnesses to the Accident _____

Injury Incurred? _____ Nature of Injury _____

Engaged in What Task When Injured? _____

_____

Will Lost Time Occur? _____ How Long? _____ Date Lost Time Began _____

Were Other Persons Involved/Injured? _____

How Did the Accident Occur? _____

_____

_____

Why Did it Occur?_____

_____

_____

What Could Be Done to Prevent Recurrence of the Accident? _____

_____

_____

What Actions Have You Taken Thus Far to Prevent Recurrence? _____

_____

_____

Supervisor's Name _____ Signature: _____ Date: _____

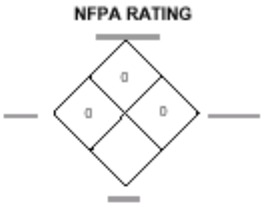
Note: if the space provided on this form is insufficient, provide additional information on separate paper and attach. The completed accident investigation report must be submitted to the ENSR Regional Health and Safety Manager within three days of the occurrence of the accident.

ATTACHMENT E

Material Safety Data Sheets

MATERIAL SAFETY DATA SHEET

Prepared to U.S. OSHA, CMA, ANSI and Canadian WHMIS Standards



PART I *What is the material and what do I need to know in an emergency?*

1. PRODUCT IDENTIFICATION

CHEMICAL NAME; CLASS:	**NON-FLAMMABLE GAS MIXTURE**
	Document Number: 002103
PRODUCT USE:	For general analytical/synthetic chemical uses.
SUPPLIER/MANUFACTURER'S NAME:	AIRGAS INC.
ADDRESS:	259 North Radnor-Chester Road Suite 100 Radnor, PA 19087-5283
BUSINESS PHONE:	1-610-687-5253
EMERGENCY PHONE:	1-800-949-7937 International: 1-423-479-0293
DATE OF PREPARATION:	April 22, 2001

2. COMPOSITION and INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS #	mole %	EXPOSURE LIMITS IN AIR					
			ACGIH		OSHA		NIOSH	OTHER
			TLV ppm	STEL ppm	PEL ppm	STEL ppm	IDLH ppm	ppm
Isobutylene	115-11-7	1 ppm - 1.7%	There are no specific exposure limits for Isobutylene. Isobutylene is a simple asphyxiant (SA). Oxygen levels should be maintained above 19.5%.					
Air	25635-88-5	Balance	There are no specific exposure limits applicable to Air.					
Air is a mixture of gases. The primary components of air, and the approximate concentration of each component, are listed below.								
Nitrogen	7727-37-9	79%	There are no specific exposure limits for Nitrogen. Nitrogen is a simple asphyxiant (SA). Oxygen levels should be maintained above 19.5%.					
Oxygen	7782-44-7	21%	There are no specific exposure limits for Oxygen.					

NE = Not Established. See Section 16 for Definitions of Terms Used.

NOTE (1): ALL WHMIS required information is included in appropriate sections based on the ANSI Z400.1-1998 format. This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

3. HAZARD IDENTIFICATION

EMERGENCY OVERVIEW: This product is a colorless, odorless, non-flammable gas. The main health hazards associated with releases of this gas are related to the high pressure within the cylinder. Air, the main component of this product, is generally considered non-flammable, however, Air will support combustion. The flammable component of this gas mixture is below the LEL. A cylinder rupture hazard exists when this product, which is under pressure, is subjected to heat or flames. Emergency responders must wear personal protective equipment appropriate for the situation to which they are responding.

3. HAZARD IDENTIFICATION (Continued)

SYMPTOMS OF OVER-EXPOSURE BY ROUTE OF EXPOSURE: The most significant route of over-exposure for air is by inhalation at elevated or reduced pressure.

INHALATION: This product is non-toxic. Air, the main component of this product, is necessary for life.

OTHER POTENTIAL HEALTH EFFECTS: Contact with rapidly expanding gases (which are released under high pressure) may cause frostbite. Symptoms of frostbite include change in skin color to white or grayish-yellow. The pain after contact with liquid can quickly subside.

HEALTH EFFECTS OR RISKS FROM EXPOSURE: An Explanation in **Lay Terms**. Over-exposure to this product may cause the following health effects:

ACUTE: The most significant hazards associated with compressed air is the pressure hazard. Contact with rapidly expanding gases (which are released under high pressure) may cause frostbite. Symptoms of frostbite include change in skin color to white or grayish-yellow. The pain after contact with liquid can quickly subside.

CHRONIC: There are currently no known adverse health effects associated with chronic exposure to this gas.

TARGET ORGANS: ACUTE: Respiratory system under ambient low pressure conditions. Central nervous system under ambient high pressure conditions. CHRONIC: None expected.

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM

HEALTH	(BLUE)	0
FLAMMABILITY	(RED)	0
REACTIVITY	(YELLOW)	0
PROTECTIVE EQUIPMENT		B

EYES	RESPIRATORY	HANDS	BODY
	See Section 8		See-Section 8

For routine industrial applications

See Section 16 for Definition of Ratings

PART II *What should I do if a hazardous situation occurs?*

4. FIRST-AID MEASURES

RESCUERS SHOULD NOT ATTEMPT TO RETRIEVE VICTIMS OF EXPOSURE TO THIS PRODUCT WITHOUT ADEQUATE PERSONAL PROTECTIVE EQUIPMENT. At a minimum, Self-Contained Breathing Apparatus equipment should be worn.

Victim(s) must be taken for medical attention. Rescuers should be taken for medical attention, if necessary. Take copy of label and MSDS to physician or other health professional with victim(s). Remove victim(s) to fresh air, as quickly as possible. In case of eye contact which leads to irritation, immediately flush eyes with copious amounts of water for at least 15 minutes. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Only trained personnel should administer supplemental oxygen.

In case of frostbite, place the frostbitten part in warm water. DO NOT USE HOT WATER. If warm water is not available, or is impractical to use, wrap the affected parts gently in blankets. Alternatively, if the fingers or hands are frostbitten, place the affected area in the armpit. Encourage victim to gently exercise the affected part while being warmed. Seek immediate medical attention.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Acute or chronic respiratory conditions, as well as disorders involving the "Target Organs", as listed in Section 3 (Hazard Information), may be aggravated by overexposure to the components of this product.

RECOMMENDATIONS TO PHYSICIANS: Administer oxygen as soon as possible, following exposure.

5. FIRE-FIGHTING MEASURES

FLASH POINT: Not applicable.
AUTOIGNITION TEMPERATURE: Not applicable.
FLAMMABLE LIMITS (in air by volume, %):
Lower (LEL): Not applicable.
Upper (UEL): Not applicable.

5. FIRE-FIGHTING MEASURES (Continued)

FIRE EXTINGUISHING MATERIALS: Non-flammable gas. Use extinguishing media appropriate for surrounding fire.

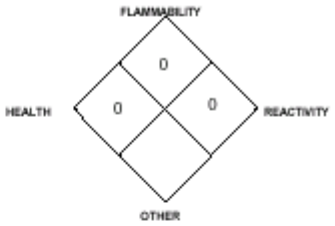
UNUSUAL FIRE AND EXPLOSION HAZARDS: When involved in a fire, this material may decompose and produce toxic gases including carbon monoxide and carbon dioxide. Additionally, when involved in fire, the cylinders may rupture.

Explosion Sensitivity to Mechanical Impact: Not Sensitive.

Explosion Sensitivity to Static Discharge: Not Sensitive.

SPECIAL FIRE-FIGHTING PROCEDURES: Structural fire-fighters must wear Self-Contained Breathing Apparatus and full protective equipment. Move fire-exposed cylinders from area, if it can be done without risk to fire-fighters. Withdraw immediately in case of rising sounds from venting pressure relief devices or any discoloration of tanks or cylinders due to a fire.

NFPA RATING



See Section 16 for Definition of Ratings

6. ACCIDENTAL RELEASE MEASURES

SPILL AND LEAK RESPONSE: Uncontrolled releases should be responded to by trained personnel using pre-planned procedures. Proper protective equipment should be used. In case of a release, clear the affected area, protect people, and respond with trained personnel. Minimum Personal Protective Equipment should be **Level D: safety glasses, and mechanically-resistant gloves. Level B, which includes the use of Self-Contained Breathing Apparatus, should be worn when oxygen levels are below 19.5% or are unknown.** Locate and seal the source of the leaking gas. If this does not stop the release (or if it is not possible to reach the valve), allow the gas to release in place or remove it to a safe area and allow the gas to be released there.

PART III *How can I prevent hazardous situations from occurring?*

7. HANDLING and STORAGE

WORK PRACTICES AND HYGIENE PRACTICES: Do not eat or drink while handling chemicals.

STORAGE AND HANDLING PRACTICES: Cylinders should be stored in dry, well-ventilated areas away from sources of heat. Compressed gases can present significant safety hazards. Store containers away from heavily trafficked areas and emergency exits.

SPECIAL PRECAUTIONS FOR HANDLING GAS CYLINDERS: Protect cylinders against physical damage. Store in cool, dry, well-ventilated, fireproof area, away from flammable or combustible materials and corrosive atmospheres. Store away from heat and ignition sources and out of direct sunlight. Do not store near elevators, corridors or loading docks. Do not allow area where cylinders are stored to exceed 52°C (125°F). Isolate from incompatible materials including flammable materials (see Section 10, Stability and Reactivity), which can burn violently. Use only storage containers and equipment (pipes, valves, fittings to relieve pressure, etc.) designed for the storage of Air. Do not store containers where they can come into contact with moisture. Cylinders should be stored upright and be firmly secured to prevent falling or being knocked over. Cylinders can be stored in the open, but in such cases, should be protected against extremes of weather and from the dampness of the ground to prevent rusting. Never tamper with pressure relief devices in valves and cylinders. The following rules are applicable to situations in which cylinders are being used:

Before Use: Move cylinders with a suitable hand-truck. Do not drag, slide or roll cylinders. Do not drop cylinders or permit them to strike each other. Secure cylinders firmly. Leave the valve protection cap in-place until cylinder is ready for use.

During Use: Use designated CGA fittings and other support equipment. Do not use adapters. Do not heat cylinder by any means to increase the discharge rate of the product from the cylinder. Use check valve or trap in discharge line to prevent hazardous backflow into the cylinder. Do not use oils or grease on gas-handling fittings or equipment.

After Use: Close main cylinder valve. Replace valve protection cap. Mark empty cylinders "EMPTY".

NOTE: Use only DOT or ASME code containers. Earth-ground and bond all lines and equipment associated with this product. Close valve after each use and when empty. Cylinders must not be recharged except by or with the consent of owner. For additional information refer to the Compressed Gas Association Pamphlet P-1, *Safe Handling of Compressed Gases in Containers*. Additionally, refer to CGA Bulletin SB-2 "*Oxygen Deficient Atmospheres*".

7. HANDLING and STORAGE (Continued)

PROTECTIVE PRACTICES DURING MAINTENANCE OF CONTAMINATED EQUIPMENT: Follow practices indicated in Section 6 (Accidental Release Measures). Make certain application equipment is locked and tagged-out safely. Purge gas handling equipment with inert gas (i.e. nitrogen) before attempting repairs. Always use product in areas where adequate ventilation is provided.

8. EXPOSURE CONTROLS - PERSONAL PROTECTION

VENTILATION AND ENGINEERING CONTROLS: Use with adequate ventilation.

RESPIRATORY PROTECTION: Maintain Oxygen levels above 19.5% in the workplace. If respiratory protection is needed, use only protection authorized in the U.S. Federal OSHA Standard (29 CFR 1910.134), applicable U.S. State regulations, or the Canadian CSA Standard Z94.4-93 and applicable standards of Canadian Provinces. Oxygen levels below 19.5% are considered IDLH by OSHA. In such atmospheres, use of a full-facepiece pressure/demand SCBA or a full facepiece, supplied air respirator with auxiliary self-contained air supply is required under OSHA's Respiratory Protection Standard (1910.134-1998).

EYE PROTECTION: Splash goggles, face-shields or safety glasses. If necessary, refer to U.S. OSHA 29 CFR 1910.133, or Canadian Standards.

HAND PROTECTION: Wear mechanically-resistant gloves when handling cylinders of this product. If necessary, refer to U.S. OSHA 29 CFR 1910.138 or appropriate Standards of Canada.

BODY PROTECTION: Use body protection appropriate for task. If a hazard of injury to the feet exists due to falling objects, rolling objects, where objects may pierce the soles of the feet or where employee's feet may be exposed to electrical hazards, use foot protection, as described in U.S. OSHA 29 CFR.

9. PHYSICAL and CHEMICAL PROPERTIES

The following information is for **Air**, the main component of this product , unless otherwise stated:

RELATIVE VAPOR DENSITY: 1
SPECIFIC GRAVITY: Not applicable.
SOLUBILITY IN WATER: 1.49% (v/v)
VAPOR PRESSURE, mmHg @ 20°C: Gas, ambient.
EXPANSION RATIO: Not applicable.
SPECIFIC VOLUME: 13.3 ft^3/lb; (0.833 m^3/kg)
EVAPORATION RATE (nBuAc = 1): Not applicable.
FREEZING POINT: -216.2°C (-357.2°F)
BOILING POINT @ 1 atmos: -194.3°C(-317.8°F)
pH: Not applicable.
VAPOR PRESSURE: Not applicable.
ODOR THRESHOLD: Not applicable.
COEFFICIENT WATER/OIL DISTRIBUTION: Not applicable.

The following information is pertinent to this gas mixture:

APPEARANCE, ODOR AND COLOR: This product is a colorless, odorless gas.

HOW TO DETECT THIS SUBSTANCE (warning properties): There are no distinctive properties to this product. In terms of leak detection, fittings and joints can be painted with a soap solution to detect leaks, which will be indicated by a bubble formation.

10. STABILITY and REACTIVITY

STABILITY: Normally stable.

DECOMPOSITION PRODUCTS: None known.

MATERIALS WITH WHICH SUBSTANCE IS INCOMPATIBLE: Air (the main component of this product) is not compatible with fuels, in that air will support combustion. The Isobutylene component of this mixture is incompatible with Strong oxidizers (e.g., chlorine, bromine pentafluoride, oxygen, oxygen difluoride, and nitrogen trifluoride).

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: Contact with incompatible materials and exposure to heat, sparks and other sources of ignition. Cylinders exposed to high temperatures or direct flame can rupture or burst.

PART III *How can I prevent hazardous situations from occurring?*

11. TOXICOLOGICAL INFORMATION

TOXICITY DATA: The following toxicology data are for the components of this gas mixture present at a level greater than 1 mole %:

ISOBUTYLENE:
LC_{50} (Inhalation-Rat) 620 gm/m^3/4 hours

ISOBUTYLENE (continued):
LC_{50} (Inhalation-Mouse) 415 gm/m^3/2 hours

SUSPECTED CANCER AGENT: No component of this gas mixture is found on the following lists: FEDERAL OSHA Z LIST, NTP, CAL/OSHA, IARC, and therefore is not considered to be, nor suspected to be, cancer-causing agents by these agencies.

11. TOXICOLOGICAL INFORMATION (Continued)

IRRITANCY OF PRODUCT: Contact with rapidly expanding gases can cause frostbite and damage to exposed skin and eyes.

SENSITIZATION OF PRODUCT: No component of this product is a skin or respiratory sensitizer.

REPRODUCTIVE TOXICITY INFORMATION: Listed below is information concerning the effects of this product and its components on the human reproductive system.

Mutagenicity: This product is not reported to cause mutagenic effects in humans.
Embryotoxicity: This product is not reported to cause embryotoxic effects in humans.
Teratogenicity: This product is not reported to cause teratogenic effects in humans.
Reproductive Toxicity: This product is not reported to cause adverse reproductive effects in humans.

A mutagen is a chemical which causes permanent changes to genetic material (DNA) such that the changes will propagate through generation lines. An embryotoxin is a chemical which causes damage to a developing embryo (i.e. within the first eight weeks of pregnancy in humans), but the damage does not propagate across generational lines. A teratogen is a chemical which causes damage to a developing fetus, but the damage does not propagate across generational lines. A reproductive toxin is any substance which interferes in any way with the reproductive process.

BIOLOGICAL EXPOSURE INDICES: Biological Exposure Indices (BEIs) have been determined for the components of this product are as follows:

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL STABILITY: This gas will be dissipated rapidly in well-ventilated areas.

EFFECT OF MATERIAL ON PLANTS or ANIMALS: No adverse effect is anticipated to occur to plant-life, except for frost produced in the presence of rapidly expanding gases.

EFFECT OF CHEMICAL ON AQUATIC LIFE: No evidence of an adverse effect of this product on aquatic life is currently available.

13. DISPOSAL CONSIDERATIONS

PREPARING WASTES FOR DISPOSAL: Product removed from cylinder must be disposed of in accordance with appropriate U.S. Federal, State and local regulations or with regulations of Canada and its Provinces. Return cylinders with residual product to Airgas, Inc. Do not dispose of locally.

14. TRANSPORTATION INFORMATION

THIS GAS MIXTURE IS HAZARDOUS AS DEFINED BY 49 CFR 172.101 BY THE U.S. DEPARTMENT OF TRANSPORTATION.

PROPER SHIPPING NAME:	Compressed gases, n.o.s. (Air, Isobutylene)
HAZARD CLASS NUMBER and DESCRIPTION:	2.2 (Compressed Gas)
UN IDENTIFICATION NUMBER:	UN 1956
PACKING GROUP:	Not Applicable
DOT LABEL(S) REQUIRED:	Compressed Gas

NORTH AMERICAN EMERGENCY RESPONSE GUIDEBOOK NUMBER (2000): 126

TRANSPORT CANADA, TRANSPORTATION OF DANGEROUS GOODS REGULATIONS: This gas mixture is considered as dangerous goods, per regulations of Transport Canada. Use the above information for the preparation of Canadian Shipments.

15. REGULATORY INFORMATION

ADDITIONAL U.S. REGULATIONS:

U.S. SARA REPORTING REQUIREMENTS: The components of this gas mixture are not subject to the reporting requirements of Sections 302, 304 and 313 of Title III of the Superfund Amendments and Reauthorization Act.

U.S. SARA THRESHOLD PLANNING QUANTITY: There are no specific Threshold Planning Quantities for this material. The default Federal MSDS submission and inventory requirement filing threshold of 10,000 lb (4,540 kg) may apply, per 40 CFR 370.20.

U.S. CERCLA REPORTABLE QUANTITY (RQ): Not applicable.

U.S. TSCA INVENTORY STATUS: The components of this product are listed on the TSCA Inventory.

OTHER U.S. FEDERAL REGULATIONS: Not applicable.

15. REGULATORY INFORMATION (Continued)

ADDITIONAL U.S. REGULATIONS (continued):

U.S. STATE REGULATORY INFORMATION: The components of this gas mixture are covered under specific State regulations, as denoted below:

Alaska - Designated Toxic and Hazardous Substances: None.
California - Permissible Exposure Limits for Chemical Contaminants: None.
Florida - Substance List: Isobutylene.
Illinois - Toxic Substance List: None.
Kansas - Section 302/313 List: None.
Minnesota - List of Hazardous Substances: Isobutylene.
Massachusetts - Substance List: None.
Missouri - Employer Information/Toxic Substance List: None.
New Jersey - Right to Know Hazardous Substance List: Isobutylene.
North Dakota - List of Hazardous Chemicals, Reportable Quantities: None.
Pennsylvania - Hazardous Substance List: Isobutylene.
Rhode Island - Hazardous Substance List: None.
Texas - Hazardous Substance List: None.
West Virginia - Hazardous Substance List: None.
Wisconsin - Toxic and Hazardous Substances: None.

CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT (PROPOSITION 65): No component of this product is on the California Proposition 65 Lists.

LABELING: **CAUTION:** HIGH PRESSURE GAS.
MAY ACCELERATE COMBUSTION.

Keep oil and grease away.
Use equipment rated for cylinder pressure.
Close valve after each use and when empty.
Use in accordance with the Material Safety Data Sheet.

FIRST-AID: **IF INHALED**, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

IN CASE OF FROSTBITE, obtain immediate medial attention.
DO NOT REMOVE THIS PRODUCT LABEL.

ADDITIONAL CANADIAN REGULATIONS:

CANADIAN DSL INVENTORY: The components of this product are listed on the DSL Inventory.

OTHER CANADIAN REGULATIONS: Not applicable.

CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA) PRIORITIES SUBSTANCES LISTS: The components of this product are not on the CEPA Priorities Substances Lists.

CANADIAN WHMIS SYMBOLS: **Class A:** Compressed Gases

16. OTHER INFORMATION

PREPARED BY: CHEMICAL SAFETY ASSOCIATES, Inc.
9163 Chesapeake Drive, San Diego, CA 92123-1002
858/565-0302

16. OTHER INFORMATION (Continued)

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. AirGas, Inc. assumes no responsibility for injury to the vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Additionally, AirGas, Inc. assumes no responsibility for injury to vendee or third persons proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Furthermore, vendee assumes the risk in his use of the material.

DEFINITIONS OF TERMS

A large number of abbreviations and acronyms appear on a MSDS. Some of these which are commonly used include the following:

CAS #: This is the Chemical Abstract Service Number which uniquely identifies each constituent.

EXPOSURE LIMITS IN AIR:
ACGIH - American Conference of Governmental Industrial Hygienists, a professional association which establishes exposure limits. **TLV** - Threshold Limit Value - an airborne concentration of a substance which represents conditions under which it is generally believed that nearly all workers may be repeatedly exposed without adverse effect. The duration must be considered, including the 8-hour Time Weighted Average **(TWA)**, the 15-minute Short Term Exposure Limit, and the instantaneous Ceiling Level **(C)**. Skin absorption effects must also be considered.

OSHA - U.S. Occupational Safety and Health Administration.
PEL - Permissible Exposure Limit - This exposure value means exactly the same as a TLV, except that it is enforceable by OSHA. The OSHA Permissible Exposure Limits are based in the 1989 PELs and the June, 1993 Air Contaminants Rule (Federal Register: 58: 35338-35351 and 58: 40191). Both the current PELs and the vacated PELs are indicated. The phrase, "Vacated 1989 PEL," is placed next to the PEL which was vacated by Court Order.

IDLH - Immediately Dangerous to Life and Health - This level represents a concentration from which one can escape within 30-minutes without suffering escape-preventing or permanent injury. **The DFG - MAK** is the Republic of Germany's Maximum Exposure Level, similar to the U.S. PEL. **NIOSH** is the National Institute of Occupational Safety and Health, which is the research arm of the U.S. **O**ccupational **S**afety and **H**ealth **A**dministration (**OSHA**). NIOSH issues exposure guidelines called **R**ecommended **E**xposure Levels (**RELs**). When no exposure guidelines are established, an entry of **NE** is made for reference.

HAZARD RATINGS:
HAZARDOUS MATERIALS IDENTIFICATION SYSTEM: Health Hazard: **0** (minimal acute or chronic exposure hazard); **1** (slight acute or chronic exposure hazard); **2** (moderate acute or significant chronic exposure hazard); **3** (severe acute exposure hazard; onetime overexposure can result in permanent injury and may be fatal); **4** (extreme acute exposure hazard; onetime overexposure can be fatal). Flammability Hazard: **0** (minimal hazard); **1** (materials that require substantial pre-heating before burning); **2** (combustible liquid or solids; liquids with a flash point of 38-93°C [100-200°F]); **3** (Class IB and IC flammable liquids with flash points below 38°C [100°F]); **4** (Class IA flammable liquids with flash points below 23°C [73°F] and boiling points below 38°C [100°F]. Reactivity Hazard: **0** (normally stable); 1 (material that can become unstable at elevated temperatures or which can react slightly with water); **2** (materials that are unstable but do not detonate or which can react violently with water); **3** (materials that can detonate when initiated or which can react explosively with water); **4** (materials that can detonate at normal temperatures or pressures). **PERSONAL PROTECTIVE EQUIPMENT CODES: B:** Gloves and goggles; **C:** Gloves, goggles, rubber apron (appropriate body protection); **D:** Gloves, goggles, faceshield; rubber apron (appropriate body protection);. **X:** Special attention should be given to PPE Selection.

NATIONAL FIRE PROTECTION ASSOCIATION: Health Hazard: **0** (material that on exposure under fire conditions would offer no hazard beyond that of ordinary combustible materials); **1** (materials that on exposure under fire conditions could cause irritation or minor residual injury); **2** (materials that on intense or continued exposure under fire conditions could cause temporary incapacitation or possible residual injury); **3** (materials that can on short exposure could cause serious temporary or residual injury); **4** (materials that under very short exposure could cause death or major residual injury). Flammability Hazard and Reactivity Hazard: Refer to definitions for "Hazardous Materials Identification System".

FLAMMABILITY LIMITS IN AIR:
Much of the information related to fire and explosion is derived from the National Fire Protection Association (**NFPA**). Flash Point - Minimum temperature at which a liquid gives off sufficient vapors to form an ignitable mixture with air. Autoignition Temperature: The minimum temperature required to initiate combustion in air with no other source of ignition. LEL - the lowest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source. UEL - the highest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source.

TOXICOLOGICAL INFORMATION:
Possible health hazards as derived from human data, animal studies, or from the results of studies with similar compounds are presented. Definitions of some terms used in this section are: $\mathbf{LD_{50}}$ - Lethal Dose (solids & liquids) which kills 50% of the exposed animals; $\mathbf{LC_{50}}$ - Lethal Concentration (gases) which kills 50% of the exposed animals; **ppm** concentration expressed in parts of material per million parts of air or water; **mg/m³** concentration expressed in weight of substance per volume of air; **mg/kg** quantity of material, by weight, administered to a test subject, based on their body weight in kg. Data from several sources are used to evaluate the cancer-causing potential of the material. The sources are: **IARC** - the International Agency for Research on Cancer; **NTP** - the National Toxicology Program, **RTECS** - the Registry of Toxic Effects of Chemical Substances, **OSHA** and **CAL/OSHA**. IARC and NTP rate chemicals on a scale of decreasing potential to cause human cancer with rankings from 1 to 4. Subrankings (2A, 2B, etc.) are also used. Other measures of toxicity include **TDLo**, the lowest dose to cause a symptom and **TCLo** the lowest concentration to cause a symptom; **TDo**, **LDLo**, and **LDo**, or **TC**, **TCo**, **LCLo**, and **LCo**, the lowest dose (or concentration) to cause lethal or toxic effects. **BEI** - Biological Exposure Indices, represent the levels of determinants which are most likely to be observed in specimens collected from a healthy worker who has been exposed to chemicals to the same extent as a worker with inhalation exposure to the TLV. Ecological Information: EC is the effect concentration in water.

REGULATORY INFORMATION:
This section explains the impact of various laws and regulations on the material. **EPA** is the U.S. Environmental Protection Agency. **WHMIS** is the Canadian Workplace Hazardous Materials Information System. **DOT** and **TC** are the U.S. Department of Transportation and the Transport Canada, respectively. Superfund Amendments and Reauthorization Act **(SARA)**; the Canadian Domestic/Non-Domestic Substances List **(DSL/NDSL)**; the U.S. Toxic Substance Control Act **(TSCA)**; Marine Pollutant status according to the **DOT**; the Comprehensive Environmental Response, Compensation, and Liability Act **(CERCLA or Superfund)**; and various state regulations.

ALCONOX

MATERIAL SAFETY DATA SHEET

Section 1 – PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: ALCONOX

GENERAL USE: Detergent Cleaner
PRODUCT DESCRIPTION: White granular powder mixture, practically odorless

MANUFACTURERS NAME: Alconox, Inc	DATE PREPARED: October 8, 2003	Page 1 of 4
STREET ADDRESS: 30 Glenn St. Suite 309	TELEPHONE NUMBER FOR INFORMATION ++914-948-4040	
CITY, STATE, ZIP, COUNTRY White Plains, NY 10603 USA	EMERGENCY TELEPHONE NUMBER CHEM-TEL (800) 255-3924 Outside USA ++813-248-0573	
DISTRIBUTOR NAME: same unless filled in		
STREET ADDRESS:	TELEPHONE NUMBER FOR INFORMATION	
CITY, STATE, ZIP, COUNTRY	EMERGENCY TELEPHONE NUMBER	

SECTION 2 – HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENTS	CAS #	% By Wt	OSHA PEL		ACGIH TWA		SARA TITLE III	RQ LBS.
			ppm	mg/m³	ppm	mg/m³		
Sodium phosphate, tribasic (a)	7758-29-40	10-30	N/E					5000
Sodium carbonate (nuisance dust)	497-19-8	7-13		15				
Sodium dodecylbenzene sulfonate (a)	25155-30-0	10-30	N/E					1000
Tetrasodium phosphate	7722-88-5	10-30		5				
(a) see Section 15			N/E not established					

SECTION 3 – HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Granular powder, airborne dust particles are harmful and irritating to respiratory tract. Contact with eyes and skin may cause irritation. Hazard symbols for this product Xl,XN.

POTENTIAL HEALTH EFFECTS

INHALATION: Breathing airborne particles or dust from mixing, spraying, sanding, grinding, etc., may cause irritation to the respiratory tract

SKIN: : None expected, however, prolonged contact may cause irritation

EYES: Contact with eyes may cause irritation

INGESTION: May cause gastric distress, stomach pains, vomiting and diarrhea

CARCINOGENICITY NTP? No IARC (MONOGRAPHS)? No OSHA REGULATED? No

Document Name	MSDSAX.doc	Effective date: 10/15/2003
Issued By	Malcolm McLaughlin	Issue Date: 10/08/03
Author	Malcolm McLaughlin	Supercedes: AXeumsds112502

ALCONOX

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: ALCONOX
October 8, 2003

SECTION 4 – FIRST AID MEASURES

INHALATION: Remove affected person to fresh air; if symptoms persist seek medical attention

SKIN: Remove contaminated clothing; wash affected area with soap and water; launder contaminated clothing before reuse; if irritation persists seek medical attention

EYES: Remove contact lenses. Flush eyes with clear running water for 15 minutes while holding eyelids open; if irritation persists, seek medical attention

INGESTION: Give two glasses of water for dilution; DO NOT induce vomiting

SECTION 5 – FIRE FIGHTING MEASURES

FLASH POINT (METHOD USED)	FLAMMABLE LIMITS LEL: NOT APPLICABLE UEL: NOT APPLICABLE	
Non-flammable	AUTOIGNITION TEMPERATURE: Not Determined	NFPA CLASS: none

GENERAL HAZARDS: Product is not considered flammable or combustible. Products of combustion include compounds of carbon, hydrogen and oxygen, including carbon monoxide.

EXTINGUISHING MEDIA: Carbon dioxide, water, water fog, dry chemical, chemical foam

FIRE FIGHTING PROCEDURES: NONE

UNUSUAL FIRE AND EXPLOSION HAZARDS; NONE

HAZARDOUS COMBUSTION PRODUCTS: Smoke, fumes, oxides of carbon

SECTION 6 – ENVIRONMENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Confine and segregate product for reuse; place material into approved containers for disposal; for spills in excess of allowable limits (RQ) notify the National Response Center @ (800) 424-8802; refer to CERCLA 40 CFT 302 for detailed instructions

SECTION 7 – HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:
Keep container closed when not in use; protect containers from abuse; store containers in cool, dry area. Keep this and other chemicals out of reach of children.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS

The use of local exhaust ventilation and airborne particle collection is recommended. No other special controls are indicated.

PERSONAL PROTECTION

RESPIRATORY PROTECTION (SPECIFY TYPE): NIOSH approved respirator designed to remove airborne particulate present in excess of maximum allowable concentrations due to operations such as mixing, spraying, sanding, buffing, etc. Refer to 29 CFR 1910 134 or European Standard EN 149 for regulations.

PROTECTIVE GLOVES: Neoprene or rubber gloves

EYE PROTECTION: Safety goggles with side shields

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Safety eyebath nearby

WORK/HYGENIC PRACTICES: Practice safe workplace habits. Minimize body contact with this, as well as all chemicals in general

Document Name	MSDSAX.doc	Effective date: 10/15/2003
Issued By	Malcolm McLaughlin	Issue Date: 10/08/03
Author	Malcolm McLaughlin	Supercedes: AXeumsds112502

ALCONOX

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: ALCONOX
October 8, 2003

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

VAPOR PRESSURE (MM Hg) Not Applicable	VAPOR DENSITY (AIR = 1) Not Applicable
SPECIFIC GRAVITY (WATER = 1) 0.85-1.10	EVAPORATION RATE (WATER = 1) Not Applicable
SOLUBILITY IN WATER Complete to > 10% w/w	FREEZING POINT Not Applicable
pH: 9.5 (1% aqueous solution)	PHYSICAL STATE: Granular Powder
BOILING POINT Not Applicable	APPEARANCE AND ODOR White granular powder, practically odorless
VISCOSITY Not Applicable	VOLATILE ORGANIC COMPOUNDS (VOC) None

SECTION 10 – STABILITY AND REACTIVITY

STABILITY UNSTABLE STABLE XXX	CONDITIONS TO AVOID Store in a cool dry area

INCOMPATABILITY (Materials to Avoid)
Strong oxidizers, strong acids

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Decomposition will no occur if handled and stored properly. In case of fire, oxides of carbon, hydrocarbons, fumes, and smoke may be produced.

HAZARDOUS POLYMERIZATION MAY OCCUR WILL NOT OCCUR XXX	CONDITIONS TO AVOID None

SECTION 11 – TOXICOLOGICAL INFORMATION

Hazardous Ingredients	%	CAS #	LD50 of Ingredient (Species and Route)	LC50 of Ingredient (Species and Route)
Sodium phosphate, tribasic (a)	10-30	7758-29-4	3100 mg/kg oral –rat	Not established
Sodium carbonate (Nuisance Dust)	7-13	497-19-8	4020 mg/kg	1200 mg/m3/2H
Sodium dodecylbenzene sulfonate (a)	10-30	25155-30-0	Not Established	Not Established
Tetrasodium phosphate	10-30	7722-88-5	Not Established	Not established
Mixture as a whole	100%	various	>5.0 g/kg oral-rat	

SECTION 12 – ECOLOGICAL INFORMATION

No data are available on the adverse effects of this material on the environment. Neither COD nor BOD data are available. Based on the chemical composition of their product it is assumed that the mixture can be treated in an acclimatized biological waste treatment plant system in limited quantities. However treatment should be evaluated and approved for each specific biological system. None of the ingredients in this mixture are classified as a Marine Pollutant.

SECTION 13 – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHODS: Dispose of in accordance with Local, State , and Federal regulations. Do not flush to waterway. Refer to "40 CFR Protection of Environment Parts 260 – 299" for disposal regulations in the US. Consult your Local, State, and Federal Environmental Protection Agency before disposing of any chemicals.

SECTION 14 – TRANSPORT INFORMATION

PROPER SHIPPING NAME: Not Regulated	IATA HAZARD CLASS / Pack Group: None
HAZARD CLASS / Pack Group: None / None	IMDG HAZARD CLASS: None
REFERENCE: Not Applicable	RID/ADR Dangerous Goods Code: None
IDENTIFICATION NUMBER: None	Canadian TDG Class / Division: None
LABEL: None Required	HAZARD SYMBOLS: None

Note: Transportation information provided is for reference only. Client is urged to consult CFR 49 parts 100 – 177, IMDG, IATA, EC, Canadian TDG, and United Nations TDG information manuals for detailed regulations and exceptions covering specific container sizes, packaging and materials and methods of shipping.

Document Name	MSDSAX.doc	Effective date: 10/15/2003
Issued By	Malcolm McLaughlin	Issue Date: 10/08/03
Author	Malcolm McLaughlin	Supercedes: AXeumsds112502

ALCONOX

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: ALCONOX
October 8, 2003

SECTION 15 – REGULATORY INFORMATION

TSCA (Toxic Substances Control Act):
Components of this product are listed on the TSCA inventory

SARA TITLE III (Superfund Amendments and Reauthorization Act)
311/312 Hazard Categories
Acute Health

313 Reportable Ingredients
None

CERCLA (Comprehensive Response Compensation and Liability Act)
(a) The Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) has notification requirements for releases or spills to the environment of the Reportable Quantity (RQ for this mixture = 6,000 lbs) or greater amounts, according to 40 CFR 302

CPR (Canadian Controlled Products Regulations)
This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled products Regulations

EINECS (European Inventory of Existing Commercial Chemical Substances)
Components of this product are on the European Inventory of Existing Commercial Chemical substances

AICS (Australian Inventory of Chemical Substances)
Components of this product are on the Australian Inventory of Chemical substances

EC Risk Phrases
R20 Harmful by Inhalation
R36 Irritating to eyes
R37 Irritating to respiratory system
R38 Irritating to skin

EC Safety Phrases
S8 Keep container dry
S22 Do not breath dust
S24 Avoid contact with skin
S25 Avoid contact with eyes

SECTION 16 – OTHER INFORMATION

No Specific Notes

HMIS HAZARD RATINGS	HEALTH	1	0= insignificant	3= high
	FLAMMABILITY	0	1= slight	4= extreme
	REACTIVITY	0	2= moderate	
	PERSONAL PROTECTIVE EQUIPMENT	B	Safety Glasses, Gloves	

REVISION SUMMARY — This MSDS has been revised in the following sections:
No revisions available

MSDS prepared by manufacturer

The information contained herein is believed to be accurate but is not warranted to be so. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed.

Document Name	MSDSAX.doc	Effective date: 10/15/2003
Issued By	Malcolm McLaughlin	Issue Date: 10/08/03
Author	Malcolm McLaughlin	Supercedes: AXeumsds112502

Black Hills Lignite, LLC
MATERIAL SAFETY AND TRANSPORTATION DATA SHEET

SECTION 1 **PRODUCT IDENTIFICATION**

MANUFACTURERS NAME
Black Hills Bentonite, a Limited Liability Company
Trade Name: Granular Bentonite

TELEPHONE NO.
(307) 265-3740

ADDRESS
P.O. Box 9, Mills, WY 82644

CHEMICAL NAME AND SYNONYMS
Hydrous Silicate of Alumina / Wyoming Sodium Bentonite/Sodium Montmorillonite CAS No. 1302-78-9

SECTION 2 **HAZARDOUS INGREDIENTS**

CAS #	Component	Percentage	Exposure Limit
14808-60-7	Crystalline Silica in the form of Quartz	>1%	PEL - See Below TLV - 0.05 mg/m^3 TWA (respirable fraction) MSHA - See Below

OSHA PEL and MSHA Exposure Limit for Crystaline Silica Quartz:

$$\text{(Respirable)} \quad \frac{10\text{mg/m}^3}{\%\ \text{Silica} + 2}$$

National Institute for Occupational Safety and Health (NIOSH) has recommended that the permissible exposure limit be changes to 50 micrograms respirable free silica per cubic meter of air (0.05 mg/m^3) as determined by a full shift sample up to 10 hour working day, 40 hours per week. The 1974 NIOSH Criteria for recommended Standard for Occupational Exposure to Crystalline Silica should be consulted for more detailed information.

PEL means OSHA Permissible Exposure Limit.
TLV means American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value.
MSHA means Mine Safety and Health Administration Exposure Limit.
TWA means 8 hour time weighted average.

Note: The Permissible Exposure Limits (PEL) reported above are the pre- 1989 limits that were reinstated by OSHA June 30, 1993 following a decision by the 11th Circuit Court of Appeals. Thes PELs are now being enforced by Federal OSHA. Be aware that more restrictive exposure limits may be enforced by some states, agencies or other authorities.

SECTION 3 **PHYSICAL DATA**

BOILING POINT (°F) Not Applicable	SPECIFIC GRAVITY (H_2O = 1) 2.6
VAPOR PRESSURE (mm Hg) Not Applicable	VAPOR DENSITY (AIR = 1) Not Applicable
EVAPORATION RATE Not Applicable	SOLUBILITY IN WATER Negligible
APPEARANCE AND ODOR Yellow, Blue, Brown granules or powder. Earthy odor.	DENSITY @ 20° C: UNCOMPACTED: 68 lbs/cubic foot

HAZARDOUS MATERIALS IDENTIFICATION

1 Health Hazard
0 Flammability
0 Reactivity

DEGREE OF HAZARD
4 = EXTREME
3 = High
2 = Moderate
1 = Slight
0 = Insignificant

SECTION 4 FIRE AND EXPLOSION DATA

FLASH POINT
Not Applicable

FLAMMABLE LIMITS
Non Flammable

SECTION 5 HEALTH HAZARD DATA

CARCINOGENICITY - SEE ROUTES OF EXPOSURE AND EFFECTS (BELOW)

ACUTE ORAL LD_{50}	ACUTE DERMAL LD_{50}	AQUATIC TOXICITY (LC_{50})
ND	ND	10,000 mg/l

Inhalation: Breathing prolonged and excessive amounts of Bentonite dust may not cause noticeable injury or illness even though permanent lung damage may be occurring. Inhalation of dust may have the following serious chronic health effects:

Pneumoconiosis: Excessive inhalation of respirable dust may cause pneumonoconiosis, a respiratory disease, which can result in delayed, progressive, disabling and sometimes fatal lung injury. Symptoms include cough, shortness of breath, wheezing, non-specific chest illness and reduced pulmonary function. This disease is exacerbated by smoking. Individuals with pneumoconiosis are predisposed to develop tuberculosis.

Cancer Status: The International Agency for Research on Cancer has determined that crystalline silica inhaled in the form of quartz or cristobalite from occupational sources is carcinogenic to humans (Group 1 - carcinogenic to humans). Refer to IARC Monograph 68, Silica, Some Silicates and Organic Fibres (published in June 1997) in conjunction with the use of these materials. The National Toxicology Program classifies respirable crystalline silica as "known to be a human carcinogen". Refer to the 9th Report on Carcinogens (2000). The American Conference of Governmental Industrial Hygienists (ACGIH) classifies crystalline silica, quartz, as a suspected human carcinogen (A2).

Other Data with Possible Relevance to Human Health:

There is some evidence that breathing respirable crystalline silica or the disease silicosis is associated with an increased incidence of significant

disease endpoints such as scleroderma (an immune system disorder manifested by fibrosis of the lungs, skin and other internal organs) and kidney disease.

For further information consult "Adverse Effects of Crystalline Silica Exposure" published by the American Thoracic Society Medical Section of the American Lung Association, American Journal of Respiratory and Critical Care Medicine Volume 155, pages 761-768, 1997.

SKIN Potential irritant.	EYE Potential irritant.	INHALATION Irritation to lungs, nose, and throat.
EMERGENCY FIRST AID PROCEDURES		
EYES: Flush with water.	SKIN: Wash with soap and water.	
If inhaled and effects occur, move to fresh air. If breathing is irregular, administer oxygen		

SECTION 6 REACTIVITY DATA

CONDITIONS CONTRIBUTING TO INSTABILITY Stable	INCOMPATIBILITY None
HAZARDOUS DECOMPOSITION PRODUCTS None	HAZARDOUS POLYMERIZATION Will not occur.

SECTION 7 SPILL OR LEAK PROCEDURES

STEPS TO TAKE IF MATERIAL IS RELEASED OR SPILLED
If uncontaminated, sweep up or collect, and reuse product. Product becomes slippery when wet.

WASTE DISPOSAL METHOD
Dispose of in accordance with all Federal, State and Local regulations.

NEUTRALIZING CHEMICALS
Not Applicable

SECTION 8 SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION
Use NIOSH approved mechanical filter respirator for nontoxic dusts if dust concentration exceeds $10mg/m^3$

VENTILATION
Sufficient to keep dust levels below the TLV for crystalline silica.

PROTECTIVE GLOVES
General duty work gloves.

EYE PROTECTION
If high dust conditions exist, tight fitting goggles are recommended.

OTHER PROTECTIVE EQUIPMENT
Eyewash

SECTION 9 SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING
Store out of the weather. Product becomes slippery when wet. Avoid contact water in walk areas.

OTHER PRECAUTIONS

http://www.bhbentonite.com/msd-granularbentonite.html 11/1/2004

PROPER SHIPPING NAME	PLACARDS	HAZARD CLASS
Not Regulated	None	Not Nazardous
REPORTABLE QUANTITY	HAZARDOUS SUBSTANCE	ID NUMBER
None	None	None

LABEL
None Required

SECTION 10 **REGULATORY INFORMATION**

SARA reuires the submission of annual reports of toxic chemicals that appear in 40 CFR 372 (for SARA 313). This information must be included in all MSDS that are copied and distributed for this material. Components present in this product at a level which could require reporting under the statute are:

Chemical: CAS #:
NONE

Toxic Substances Control Act (TSCA)
The ingrediants of this product are on teh TSCA inventory.

SECTION 11 **STATE RIGHT TO KNOW**

Quartz is a Canadian WHMIS (Workplace Hazardous Material Information System) Ingrediant Disclosure List, Massachusetts Substance List, New Jersey Right to Know Hazardous Substance List, and Pennsylvania Hazardous Substance List.

PREPARED BY: BLACK HILLS BENTONITE, LLC. DATE: FEBRUARY, 2001

BACK

GARY-WILLIAMS
ENERGY CORPORATION

Gary-Williams Energy Corp.
370 17th Street
Suite 5300
Denver, CO 80202

MATERIAL SAFETY DATA SHEET	October 20, 1999	MSDS NUMBER W-3035
EMERGENCY TELEPHONE NUMBERS	COMPANY 405-665-6565	CHEMTREC 800/424-9300

I. PRODUCT IDENTIFICATION

PRODUCT	CHEMICAL NAME AND SYNONYMS
DIESEL FUEL (CLEAR)	Petroleum Hydrocarbon Mixture, Distillate, 2- Oil # 2 Diesel Fuel, Fuel Oil #2,
CHEMICAL FAMILY	FORMULA
Petroleum Hydrocarbon Distillate	C11 - C20

National Fire Protection Association Hazard Rating Codes			HEALTH CODE	FIRE CODE	REACTIVITY CODE
Least - 0	Slight - 1				
Moderate - 2	High - 3	Extreme - 4	0	2	0

II. SUMMARY OF HAZARDS

CAUTION! COMBUSTIBLE LIQUID AND VAPOR. HARMFUL IF INHALED AND MAY CAUSE DELAYED LUNG INJURY. CAN CAUSE NERVOUS SYSTEM DEPRESSION. ASPIRATION HAZARD IF SWALLOWED - CAN ENTER LUNGS AND CAUSE DAMAGE. Keep away from heat and flame. Avoid breathing vapor. Use ventilation adequate to keep vapor below recommended exposure limits. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.

NIOSH, EPA, & current literature have indicated that breathing whole diesel exhaust over a working lifetime may cause cancer in humans. Animals exposed to whole diesel exhaust over a lifetime have developed lung tumors (cancer). Diesel exhaust may cause eye irritation, headache, light-headedness, nausea, vomiting, heartburn, weakness, numbness, tingling in the extremities, chest tightness and wheezing. Cough and labored breathing have been reported in garage workers without adequate ventilation (air circulation) in the garage.

DOT Hazardous Material	DOT SHIPPING NAME AND NUMBER	DOT HAZARD CLASS
YES	Diesel Fuel, 3, NA1993, III	3 (Flammable Liquid)

III. HAZARDOUS COMPONENTS

INGREDIENT	% RANGE	PEL/TLV	HAZARD
Straight Run Middle Distillate (CAS # 64741-44-2)	60 to 100 %	Petroleum Distillate TWA - 400 ppm	Combustible Acute Health Chronic Health
Light Catalytic Cracked Distillate (CAS # 64741-59-9)	0 to 40 %	Petroleum Distillate TWA - 400 ppm	

GARY-WILLIAMS ENERGY CORPORATION

Gary-Williams Energy Corp.
370 17th Street
Suite 5300
Denver, CO 80202

IV. HEALTH INFORMATION

EXPOSURE BY ROUTE OF ENTRY		EXPOSURE CHARACTERISTICS AND FIRST AID
INHALATION	EFFECTS	Acute: Headache, nasal and respiratory irritation, nausea, drowsiness, breathlessness, fatigue, central nervous system depression, convulsions, and loss of consciousness.
	FIRST AID	Move exposed person to fresh air. If breathing has stopped, perform artificial respiration. Get medical attention as soon as possible.
SKIN	EFFECTS	Acute: irritation Chronic: dermatitis
	FIRST AID	If clothing soaked, immediately remove clothing and wash skin with soap and water. Launder clothing before wearing. Get medical attention promptly.
EYES	EFFECTS	Acute: irritation
	FIRST AID	Immediately flush eyes with water for a minimum of 15 minutes, occasionally lifting the lower and upper lids. Get medical attention promptly.
SWALLOWING INGESTION	EFFECTS	Acute: aspiration hazard, headache, nausea, drowsiness, fatigue, pneumonitis, pulmonary edema, central nervous system depression, convulsions and loss of consciousness.
	FIRST AID	Call a physician immediately, ONLY induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person
Medical conditions Generally Agravated by Exposure		N/AV

LISTED AS POTENTIAL CARCINOGEN OR CARCINOGEN	NOT LISTED __X__	NATIONAL TOXICOLOGY PROGRAM___
	INTERNATIONAL Agency for Research on Cancer _____	OSHA _____

GARY-WILLIAMS ENERGY CORPORATION

Gary-Williams Energy Corp.
370 17th Street
Suite 5300
Denver, CO 80202

V. EMPLOYEE PROTECTION

RESPIRATORY PROTECTION (NIOSH APPROVED RESPIRATORS SEE OSHA STD. 1910.134)

Up to 4000 ppm, half-mask organic vapor respirator. Up to 20,000 ppm, full-face organic vapor respirator or full-face supplied air respirator. Greater than 20,000 ppm, fire fighting, or unknown concentration, self-contained breathing apparatus with positive pressure.

EYE	Safety glasses, chemical goggles or face shield as appropriate.
SKIN	Gloves: Nitrile, neoprene or other material resistant to distillate.

VENTILATION

Maintain local or dilution ventilation to keep air concentration below 400 ppm. Loading, unloading, tank gauging, etc., remain upwind. Request assistance of safety and industrial hygiene personnel to determine air concentrations.

VI. FIRE PROTECTION INFORMATION

FLASH POINT AND METHOD	AUTOIGNITION TEMPERATURE ESTIMATED	FLAMMABLE LIMITS % VOLUME IN AIR ESTIMATED	LOWER	UPPER
Tag Closed Cup 130 'F	490 'F		0.7	6

EXTINGUISHING MEDIA

Carbon dioxide, dry chemical, or foam. Water stream may spread fire, use water spray only to cool containers exposed to fire. If leak or spill has not ignited, use water spray to disperse the vapors.

HAZARDOUS DECOMPOSITION PRODUCTS

Incomplete combustion can yield carbon monoxide and various hydrocarbons.

FIRE AND EXPLOSION HAZARDS

Can form combustible mixtures with air when heated.

STORAGE

Do not store with strong oxidizers. Store as OSHA Class II combustible liquid.

HAZARDOUS POLYMERIZATION	STABILITY
WILL NOT OCCUR __X__ MAY OCCUR _____	STABLE __X__ UNSTABLE _____

VII. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT	Reid VAPOR PRESSURE (RVP) at 100 'F	EVAPORATION (ETHYL ETHER = 1)
330 - 675 'F	ESTIMATED less than 0.1 pound	ESTIMATED slower
PERCENT VOLATILE BY VOLUME	AVG. MOLECULAR WEIGHT	APPEARANCE
(%) 100	N/A	May be clear to yellow-brown
ODOR	DROP POINT	ESTIMATED VAPOR DENSITY (AIR = 1)
Diesel Fuel	Pour Point -25 to +10 'F	6
SPECIFIC GRAVITY	VISCOSITY	SOLUBILITY (G/100g WATER AT 20° C)
0.8 to 0.9	2 to 4 cs at 100'F	Negligible

GARY-WILLIAMS
ENERGY CORPORATION

Gary-Williams Energy Corp.
370 17th Street
Suite 5300
Denver, CO 80202

VIII. ENVIRONMENTAL PROTECTION

	SPILLS	Notify emergency response personnel. Evacuate area and remove ignition sources. Build dike to contain flow. Remove free liquid, do not flush to sewer or open water. Pick up with inert absorbent and place in closed container for disposal.
WASTE	DISPOSAL	Utilize licensed waste disposal company. Consider recycling or incineration. Utilize permitted hazardous waste disposal site or industrial waste disposal site as appropriate.

ADDITIONAL INFORMATION

The following chemicals are subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and reauthorization Act of 1986 and 40 CFR Part 372:

PREPARED BY	DATE PREPARED
Johnnie L. Ray	October 20, 1999

DISCLAIMER

The information and recommendations contained in this publication have been compiled from sources beleived to be reliable and to represent the best current opinion on the subject at the time of publication. Since we cannot anticipate or control the many different conditions under which this information or our products may be used, we make no gurantee that the recommendations will be adequate for all individuals or situations. Each user of the product described herein should determine the suitability of the described product for his particular purpose and should comply with all federal and state rules and regulations concerning the described product.

ABBREVIATIONS

CAS #	Chemical Abstracts Service Number
N/A	Not Applicable
N/AV	Not Available
ppm	Parts per million
PEL	Permissible Exposure Limit
TLV	Threshold Limit Value Both the OSHA PEL and the American Conference of Governmental Industrial Hygienists TLV were reviewed. Where a difference existed, the more restrictive of the two was selected.
STEL	Short Term Exposure Limit
TWA	Time-Weighted Average

MSDS Number: **H3883** * * * * * *Effective Date: 05/07/03* * * * * * *Supercedes: 11/02/01*

MSDS Material Safety Data Sheet

From: Mallinckrodt Baker, Inc.
222 Red School Lane
Phillipsburg, NJ 08865

Mallinckrodt CHEMICALS | J.T.Baker

24 Hour Emergency Telephone: 908-859-2151
CHEMTREC: 1-800-424-9300

National Response in Canada
CANUTEC: 613-996-6666

Outside U.S. and Canada
Chemtrec: 703-527-3887

NOTE: CHEMTREC, CANUTEC and National Response Center emergency numbers to be used only in the event of chemical emergencies involving a spill, leak, fire, exposure or accident involving chemicals.

All non-emergency questions should be directed to Customer Service (1-800-582-2537) for assistance.

HYDROCHLORIC ACID (LESS THAN 10%)

1. Product Identification

Synonyms: Muriatic acid solution; 10:1 Dilute Hydrochloric acid; Hydrochloric acid volumetric solutions (0.2 - 2.0 N)
CAS No.: 7647-01-0
Molecular Weight: 36.46
Chemical Formula: HCl in water
Product Codes:
J.T. Baker: 0325, 0335, 0336, 4655, 5612, 5616, 5620, 5622
Mallinckrodt: 6388, H162, H163, H959, V028, V043

2. Composition/Information on Ingredients

Ingredient	CAS No	Percent	Hazardous
Hydrogen Chloride	7647-01-0	0.7 - 8%	Yes
Water	7732-18-5	92 - 99%	No

3. Hazards Identification

Emergency Overview

DANGER! CORROSIVE. LIQUID AND MIST CAUSE SEVERE BURNS TO ALL BODY TISSUE. MAY BE FATAL IF SWALLOWED OR INHALED.

J.T. Baker SAF-T-DATA(tm) Ratings (Provided here for your convenience)

Health Rating: 3 - Severe (Poison)
Flammability Rating: 0 - None
Reactivity Rating: 2 - Moderate
Contact Rating: 3 - Severe (Corrosive)
Lab Protective Equip: GOGGLES & SHIELD; LAB COAT & APRON; VENT HOOD; PROPER GLOVES
Storage Color Code: White (Corrosive)

Potential Health Effects

Health hazards given on this data sheet apply to concentrated solutions of hydrochloric acid. Hazards of dilute solutions may be reduced, depending upon the concentration. Degree of hazard for these reduced concentrations is not currently addressed in the available literature.

Inhalation:
Corrosive! Inhalation of vapors can cause coughing, choking, inflammation of the nose, throat, and upper respiratory tract, and in severe cases, pulmonary edema, circulatory failure, and death.
Ingestion:
Corrosive! Swallowing hydrochloric acid can cause immediate pain and burns of the mouth, throat, esophagus and gastrointestinal tract. May cause nausea, vomiting, and diarrhea, and in severe cases, death.
Skin Contact:
Corrosive! Can cause redness, pain, and severe skin burns. Concentrated solutions cause deep ulcers and discolor skin.
Eye Contact:
Corrosive! Vapors are irritating and may cause damage to the eyes. Contact may cause severe burns and permanent eye damage.
Chronic Exposure:
Long-term exposure to concentrated vapors may cause erosion of teeth. Long term exposures seldom occur due to the corrosive properties of the acid.
Aggravation of Pre-existing Conditions:
Persons with pre-existing skin disorders or eye problems or impaired respiratory function may be more susceptible to the effects of the substance.

---

4. First Aid Measures

First aid procedures given apply to concentrated solutions. Exposures to dilute solutions may not require these extensive first aid procedures.
Inhalation:
Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.

Ingestion:
If swallowed, DO NOT INDUCE VOMITING. Give large quantities of water. Never give anything by mouth to an unconscious person. Get medical attention immediately.
Skin Contact:
Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention immediately. Wash clothing before reuse. Thoroughly clean shoes before reuse.
Eye Contact:
Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately.

---

5. Fire Fighting Measures

Fire:
Not considered to be a fire hazard. May react with metals or heat to release flammable hydrogen gas.
Explosion:
Not considered to be an explosion hazard.
Fire Extinguishing Media:
Water or water spray. Neutralize with soda ash or slaked lime.
Special Information:
In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode. Structural firefighter's protective clothing is ineffective for fires involving hydrochloric acid. Stay away from ends of tanks. Cool tanks with water spray until well after fire is out.

---

6. Accidental Release Measures

Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in Section 8. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Contain and recover liquid when possible. Neutralize with alkaline material (soda ash, lime), then absorb with an inert material (e. g., vermiculite, dry sand, earth), and place in a chemical waste container. Do not use combustible materials, such as saw dust. Do not flush to sewer! US Regulations (CERCLA) require reporting spills and releases to soil, water and air in excess of reportable quantities. The toll free number for the US Coast Guard National Response Center is (800) 424-8802.

J. T. Baker NEUTRASORB® or TEAM® 'Low Na+' acid neutralizers are recommended for spills of this product.

---

7. Handling and Storage

Store in a cool, dry, ventilated storage area with acid resistant floors and good drainage.

Protect from physical damage. Keep out of direct sunlight and away from heat and incompatible materials. Do not wash out container and use it for other purposes. When diluting, always add the acid to water; never add water to the acid. When opening metal containers, use non-sparking tools because of the possibility of hydrogen gas being present. Protect from freezing. Containers of this material may be hazardous when empty since they retain product residues (vapors, liquid); observe all warnings and precautions listed for the product.

---

8. Exposure Controls/Personal Protection

Airborne Exposure Limits:
For Hydrochloric acid:
- OSHA Permissible Exposure Limit (PEL):
5 ppm (Ceiling)
- ACGIH Threshold Limit Value (TLV):
2 ppm (Ceiling), A4 Not classifiable as a human carcinogen

Ventilation System:
A system of local and/or general exhaust is recommended to keep employee exposures below the Airborne Exposure Limits. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Please refer to the ACGIH document, *Industrial Ventilation, A Manual of Recommended Practices*, most recent edition, for details.

Personal Respirators (NIOSH Approved):
If the exposure limit is exceeded and engineering controls are not feasible, a full facepiece respirator with an acid gas cartridge may be worn up to 50 times the exposure limit or the maximum use concentration specified by the appropriate regulatory agency or respirator supplier, whichever is lowest. For emergencies or instances where the exposure levels are not known, use a full-facepiece positive-pressure, air-supplied respirator. WARNING: Air purifying respirators do not protect workers in oxygen-deficient atmospheres.

Skin Protection:
Rubber or neoprene gloves and additional protection including impervious boots, apron, or coveralls, as needed in areas of unusual exposure to prevent skin contact.

Eye Protection:
Use chemical safety goggles and/or a full face shield where splashing is possible. Maintain eye wash fountain and quick-drench facilities in work area.

---

9. Physical and Chemical Properties

Appearance:
Clear, colorless solution.

Odor:
Pungent, hydrochloric acid.

Solubility:
Infinitely soluble.

Specific Gravity:
ca. 1

pH:

For HCL solutions: 0.1 (1.0 N), 1.1 (0.1 N), 2.02 (0.01 N)
% Volatiles by volume @ 21C (70F):
100 (as water and acid)
Boiling Point:
ca. 100C (ca. 212F)
Melting Point:
ca. 0C (ca. 32F)
Vapor Density (Air=1):
Essentially the same as water.
Vapor Pressure (mm Hg):
Essentially the same as water.
Evaporation Rate (BuAc=1):
Essentially the same as water.

---

10. Stability and Reactivity

Stability:
Stable under ordinary conditions of use and storage.
Hazardous Decomposition Products:
When heated to decomposition, emits toxic hydrogen chloride fumes and will react with water or steam to produce heat and toxic and corrosive fumes. Thermal oxidative decomposition produces toxic chlorine fumes and explosive hydrogen gas.
Hazardous Polymerization:
Will not occur.
Incompatibilities:
A strong mineral acid, concentrated hydrochloric acid is highly reactive with strong bases, metals, metal oxides, hydroxides, amines, carbonates and other alkaline materials. Incompatible with materials such as cyanides, sulfides, sulfites, and formaldehyde.
Conditions to Avoid:
Heat, direct sunlight, incompatibles.

---

11. Toxicological Information

Hydrochloric acid: Inhalation rat LC50: 3124 ppm/1H; Oral rabbit LD50: 900 mg/kg. Investigated as a tumorigen, mutagen, reproductive effector.

--------\Cancer Lists\----------

Ingredient	---NTP Carcinogen--- Known	Anticipated	IARC Category
Hydrogen Chloride (7647-01-0)	No	No	3
Water (7732-18-5)	No	No	None

---

12. Ecological Information

http://www.jtbaker.com/msds/englishhtml/h3883.htm 9/28/2004

Environmental Fate:
For Hydrochloric Acid (Concentrated Solutions):
When released into the soil, this material is not expected to biodegrade. When released into the soil, this material may leach into groundwater.
Environmental Toxicity:
For Hydrochloric Acid (Concentrated Solutions):
This material may be toxic to aquatic life. LC50 Shrimp: 100-300 ppm/48-hr/salt water; LC100 trout: 10 mg/l/24-hr; TLm mosquito fish: 282 ppm/96-hr.

---

13. Disposal Considerations

Whatever cannot be saved for recovery or recycling should be handled as hazardous waste and sent to a RCRA approved waste facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

---

14. Transport Information

Domestic (Land, D.O.T.)

Proper Shipping Name: HYDROCHLORIC ACID SOLUTION
Hazard Class: 8
UN/NA: UN1789
Packing Group: II
Information reported for product/size: 200L

International (Water, I.M.O.)

Proper Shipping Name: HYDROCHLORIC ACID SOLUTION
Hazard Class: 8
UN/NA: UN1789
Packing Group: II
Information reported for product/size: 200L

---

15. Regulatory Information

--------\Chemical Inventory Status - Part 1\--------

Ingredient	TSCA	EC	Japan	Australia
Hydrogen Chloride (7647-01-0)	Yes	Yes	Yes	Yes
Water (7732-18-5)	Yes	Yes	Yes	Yes

--------\Chemical Inventory Status - Part 2\--------

		--Canada--		
Ingredient	Korea	DSL	NDSL	Phil.

Hydrogen Chloride (7647-01-0)	Yes	Yes	No	Yes
Water (7732-18-5)	Yes	Yes	No	Yes

--------\Federal, State & International Regulations - Part 1\----------

	-SARA 302-		------SARA 313------	
Ingredient	RQ	TPQ	List	Chemical Catg.
Hydrogen Chloride (7647-01-0)	5000	500*	Yes	No
Water (7732-18-5)	No	No	No	No

--------\Federal, State & International Regulations - Part 2\----------

		-RCRA-	-TSCA-
Ingredient	CERCLA	261.33	8(d)
Hydrogen Chloride (7647-01-0)	5000	No	No
Water (7732-18-5)	No	No	No

Chemical Weapons Convention: No TSCA 12(b): No CDTA: Yes
SARA 311/312: Acute: Yes Chronic: Yes Fire: No Pressure: No
Reactivity: No (Mixture / Liquid)

Australian Hazchem Code: None allocated.
Poison Schedule: None allocated.
WHMIS:
This MSDS has been prepared according to the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

---

16. Other Information

NFPA Ratings: Health: **3** Flammability: **0** Reactivity: **0**
Label Hazard Warning:
DANGER! CORROSIVE. LIQUID AND MIST CAUSE SEVERE BURNS TO ALL BODY TISSUE. MAY BE FATAL IF SWALLOWED OR INHALED.
Label Precautions:
Do not get in eyes, on skin, or on clothing.
Do not breathe vapor or mist.
Keep container closed.
Use only with adequate ventilation.
Wash thoroughly after handling.
Label First Aid:
In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. If swallowed, DO NOT INDUCE VOMITING. Give large quantities of water. Never give anything by mouth to an unconscious person. In all cases get medical attention immediately.
Product Use:
Laboratory Reagent.
Revision Information:

http://www.jtbaker.com/msds/englishhtml/h3883.htm 9/28/2004

MSDS Section(s) changed since last revision of document include: 8.

Disclaimer:

****

Mallinckrodt Baker, Inc. provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose. MALLINCKRODT BAKER, INC. MAKES NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO THE INFORMATION SET FORTH HEREIN OR THE PRODUCT TO WHICH THE INFORMATION REFERS. ACCORDINGLY, MALLINCKRODT BAKER, INC. WILL NOT BE RESPONSIBLE FOR DAMAGES RESULTING FROM USE OF OR RELIANCE UPON THIS INFORMATION.

****

Prepared by: Environmental Health & Safety
Phone Number: (314) 654-1600 (U.S.A.)

LIQUI-NOX

MATERIAL SAFETY DATA SHEET

Section 1 – PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: LIQUI-NOX
GENERAL USE: Detergent Cleaner
PRODUCT DESCRIPTION: pale yellow liquid, odorless

MANUFACTURERS NAME: Alconox, Inc	DATE PREPARED: October 23, 2003	Page 1 of 4
STREET ADDRESS: 30 Glenn St. Suite 309	TELEPHONE NUMBER FOR INFORMATION ++914-948-4040	
CITY, STATE, ZIP, COUNTRY White Plains, NY 10603 USA	EMERGENCY TELEPHONE NUMBER CHEM-TEL (800) 255-3924 Outside USA ++813-248-0573	
DISTRIBUTOR NAME: same unless filled in		
STREET ADDRESS:	TELEPHONE NUMBER FOR INFORMATION	
CITY, STATE, ZIP, COUNTRY	EMERGENCY TELEPHONE NUMBER	

SECTION 2 – HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENTS	CAS #	% By Wt	OSHA PEL		ACGIH TWA		SARA TITLE III	RQ LBS.
			ppm	mg/m³	ppm	mg/m³		
Sodium dodecylbenzene sulfonate (a)	25155-30-0	10-30	N/E	N/E	N/E	N/E		1000
(a) see Section 15			not est = not established					

SECTION 3 – HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Mild liquid, prolonged contact may cause skin & eye irritation. Ingestion may cause gastric distress

POTENTIAL HEALTH EFFECTS

INHALATION: None expected, however, certain individuals may be sensitized and experience minor nausea or headaches.

SKIN: None expected, however, prolonged contact may cause irritation

EYES: Contact with eyes may cause irritation.

INGESTION: May cause gastric distress, vomiting and diarrhea.

CARCINOGENICITY NTP? No IARC (MONOGRAPHS)? No OSHA REGULATED? No

Document Name	MSDSLQ.doc	Effective date: 10/31/2003
Issued By	Malcolm McLaughlin	Issue Date: 10/23/03
Author	Malcolm McLaughlin	Supercedes: LQeumsds112202

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: LIQUI-NOX
October 23, 2003

SECTION 4 – FIRST AID MEASURES

INHALATION: Remove affected person to fresh air; if symptoms persist seek medical attention.

SKIN: Remove contaminated clothing; wash affected area with soap and water; launder contaminated clothing before reuse; if irritation persists seek medical attention.

EYES: Remove contact lenses. Flush eyes with water for 15 minutes; if irritation persists, seek medical attention

INGESTION: Give two glasses of water for dilution; DO NOT induce vomiting; see medical attention

SECTION 5 – FIRE FIGHTING MEASURES

FLASH POINT (METHOD USED)	FLAMMABLE LIMITS LEL: NOT APPLICABLE UEL: NOT APPLICABLE	
Non-flammable	AUTOIGNITION TEMPERATURE: Not Determined	NFPA CLASS: none

GENERAL HAZARDS: Product is not considered flammable or combustible. Products of combustion include compounds of carbon, hydrogen and oxygen, including carbon monoxide.

EXTINGUISHING MEDIA: Carbon dioxide, water, water fog, dry chemical, chemical foam,

FIRE FIGHTING PROCEDURES: Keep containers coll with water spray to prevent container rupture due to steam bulidup; floor will become slippery if material is released.

UNUSUAL FIRE AND EXPLOSION HAZARDS; None

HAZARDOUS COMBUSTION PRODUCTS: Smoke, fumes, oxides of carbon

SECTION 6 – ENVIRONMENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Small spills – wash to sanitary sewer with plenty of water. Large spills - confine spill, soak up with approved absorbent, shovel product into approved container for disposal. For spills in excess of allowable limits (RQ) notify the National Response Center (800) 424-8802; refer to CERCLA 40 CFR 302 for complete regulations concerning reporting requirements.

SECTION 7 – HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Keep container closed when not in use; protect containers from abuse; protect from extreme temperatures. Keep this and other chemicals out of reach of children.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS

The use of local exhaust ventilation is recommended. No other special controls are indicated.

PERSONAL PROTECTION

RESPIRATORY PROTECTION (SPECIFY TYPE): None Required

PROTECTIVE GLOVES: Recommended for general protection.

EYE PROTECTION: Recommended for general protection

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Safety eyebath nearby.

WORK/HYGENIC PRACTICES: Practice safe workplace habits. Minimize body contact with this, as well as all chemicals in general.

Document Name	MSDSLQ.doc	Effective date: 10/31/2003
Issued By	Malcolm McLaughlin	Issue Date: 10/23/03
Author	Malcolm McLaughlin	Supercedes: LQeumsds112202

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: LIQUI-NOX
October 23, 2003

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

VAPOR PRESSURE (MM Hg) 17 mm Hg @ 20° C	VAPOR DENSITY (AIR = 1) >1
SPECIFIC GRAVITY (WATER = 1) 1.083	EVAPORATION RATE (WATER = 1) <1
SOLUBILITY IN WATER Complete	FREEZING POINT Not Determined
BOILING POINT 212°F (100°C)	APPEARANCE AND ODOR Pale yellow liquid, odorless
pH: 8.5	PHYSICAL STATE: Liquid
VISCOSITY Not Determined	VOLATILE ORGANIC COMPOUNDS (VOC) None

SECTION 10 – STABILITY AND REACTIVITY

STABILITY UNSTABLE STABLE XXX	CONDITIONS TO AVOID Extreme temperatures

INCOMPATABILITY (Materials to Avoid)
Strong oxidizers, strong acids

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Decomposition will no occur if handled and stored properly. In case of fire, oxides of carbon, hydrocarbons, fumes, and smoke may be produced.

HAZARDOUS POLYMERIZATION MAY OCCUR WILL NOT OCCUR XXX	CONDITIONS TO AVOID None

SECTION 11 – TOXICOLOGICAL INFORMATION

Hazardous Ingredients	%	CAS #	LD50 of Ingredient (Species and Route)	LC50 of Ingredient (Species and Route)
Sodium dodecylbenzene sulfonate (a)	10-30	25155-30-0	Not established	Not established
Mixture of all ingredients	100%	N/A	>5 g/kg oral rat	

SECTION 12 – ECOLOGICAL INFORMATION

No data are available on the adverse effects of this material on the environment. Neither COD nor BOD data are available. Based on the chemical composition of their product it is assumed that the mixture can be treated in an acclimatized biological waste treatment plant system in limited quantities. However should treatment should be evaluated and approved for each specific biological system. None of the ingredients in this mixture are classified as a Marine Pollutant.

SECTION 13 – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHODS: Dispose of in accordance with Local, State, and Federal regulations. Products classified as non-hazardous may become hazardous waste upon contact with other products. Refer to "40 CFR Protection of Environment Parts 260-299" for complete waste disposal regulations. Consult your local, state, or Federal Environmental Protection Agency before disposing of any chemicals.

SECTION 14 – TRANSPORT INFORMATION

PROPER SHIPPING NAME: Not Regulated
HAZARD CLASS / Pack Group: None / None
REFERENCE: Not Applicable
IDENTIFICATION NUMBER: None
LABEL: None Required

IATA HAZARD CLASS / Pack Group: None
IMDG HAZARD CLASS: None
RID/ADR Dangerous Goods Code: None
Canadian TDG Class / Division: None
HAZARD SYMBOLS: None

Note: Transportation information provided is for reference only. Client is urged to consult CFR 49 parts 100 – 177, IMDG, IATA, EC, Canadian TDG, and United Nations TDG information manuals for detailed regulations and exceptions covering specific container sizes, packaging and materials and methods of shipping.

Document Name	MSDSLQ.doc	Effective date: 10/31/2003
Issued By	Malcolm McLaughlin	Issue Date: 10/23/03
Author	Malcolm McLaughlin	Supercedes: LQeumsds112202

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: LIQUI-NOX
October 23, 2003

SECTION 15 – REGULATORY INFORMATION

TSCA (Toxic Substances Control Act):
Components of this product are listed on the TSCA inventory

SARA TITLE III (Superfund Amendments and Reauthorization Act)
311/312 Hazard Categories
None

313 Reportable Ingredients
None

CERCLA (Comprehensive Response Compensation and Liability Act)
(a) The Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) has notification requirements for releases or spills to the environment of the Reportable Quantity (RQ for this mixture = 5,000 lbs) or greater amounts, according to 40 CFR 302

CPR (Canadian Controlled Products Regulations)
This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled products Regulations

EINECS (European Inventory of Existing Commercial Chemical Substances)
Components of this product are on the European Inventory of Existing Commercial Chemical substances

AICS (Australian Inventory of Chemical Substances)
Components of this product are on the Australian Inventory of Chemical substances

EC Risk Phrases

EC Safety Phrases
S2 Keep out of reach of children

SECTION 16 – OTHER INFORMATION

No Specific Notes

HMIS HAZARD RATINGS	HEALTH	1	0= insignificant	3= high
	FLAMMABILITY	0	1= slight	4= extreme
	REACTIVITY	0	2= moderate	
	PERSONAL PROTECTIVE EQUIPMENT	A	Safety Glasses	

REVISION SUMMARY — This MSDS has been revised in the following sections:
No revisions available

MSDS prepared by manufacturer

The information contained herein is believed to be accurate but is not warranted to be so. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed.

Document Name	MSDSLQ.doc	Effective date: 10/31/2003
Issued By	Malcolm McLaughlin	Issue Date: 10/23/03
Author	Malcolm McLaughlin	Supercedes: LQeumsds112202

LEHIGH PORTLAND CEMENT COMPANY

MATERIAL SAFETY DATA SHEET

FOR

PORTLAND CEMENT

MSDS NUMBER:

EFFECTIVE DATE: OCTOBER 1997

1. PRODUCT/COMPANY IDENTIFICATION

Manufacturer's Name & Address:

Lehigh Portland Cement Company
7660 Imperial Way
Allentown, PA 18195

Chemical Family:

Calcium Compounds

Chemical Name and Synonyms:

Portland Cement (CAS # 65997-15-1), Hydraulic Cement

Telephone Number for Information:

800-523-5488

Trade Name and Synonyms:

Lehigh Portland Cement Types I, II, III, V
Lehigh White Cement Types I, III, V
Lehigh Colored Portland Cement
Lehigh Portland/Lime Cement Types N, S

2. EMERGENCY AND FIRST AID

EMERGENCY INFORMATION:

Portland cement is a light gray or white powder. When in contact with moisture in eyes or on skin, or when mixed with water, portland cement becomes highly caustic (pH > 12) and will damage or burn (as severely as third-degree)

Major compounds are:

$3CaO•SiO_2$	Tricalcium Silicate	CAS #12168-85-3
$2CaO•SiO_2$	Dicalcium Silicate	CAS #10034-77-2
$3CaO•Al_2O_3$	Tricalcium Aluminate	CAS #12042-78-3
$4CaO•Al_2O_3•Fe_2O_3$	Tetracalcium aluminoferrite	CAS #12068-35-8
$CaSO_4•2H_2O$	Calcium Sulfate dihydrate (Gypsum)	CAS #7778-18-9 (CAS #13397-24-5)

4. HAZARDOUS INGREDIENTS

COMPONENT	OSHA PEL (8-Hour TWA)	ACGIH TLV-TWA (1995-1996)	NIOSH REL (8-Hour TWA)
Portland Cement (CAS #65997-15-1) 50 to 95% by weight	5 mg respirable dust/m^3 15 mg total dust/m^3	10 mg total dust/m^3	
Calcium sulfate (CAS #7778-18-9) [Gypsum (CAS #13397-24-5)] 0 to 10% by weight	5 mg respirable dust/m^3 15 mg total dust/m^3	10 mg total dust/m^3	
Iron oxide (CAS #1309-37-1) 0 to 15% by weight	10 mg/m^3	5 mg/m^3	
Calcium carbonate (CAS #1317-65-3) 0 to 5% by weight	5 mg respirable dust/m^3 15 mg total dust/m^3	10 mg total dust/m^3	

Magnesium oxide (CAS #1309-48-4) 0 to 5% by weight	15 mg total dust/m^3	10 mg total dust/m^3	
Calcium oxide (CAS #1306-78-8) 0 to 5% by weight	5 mg/m^3	2 mg/m^3	
Crystalline silica (CAS #14808-60-7) 0 to 0.1% by weight	10 mg of respirable dust/m^3 % SiO_2 + 2	0.10 mg respirable quartz/m^3	0.05 mg respirable quartz dust/m^3
	30 mg of total dust/m^3 % SiO_2 + 2		
	250 million particles/ft^3 % SiO_2 + 5		

TRACE INGREDIENTS:

Due to the use of substances mined from the earth's crust, trace amounts of naturally occurring, potentially harmful constituents may be detected during chemical analysis. Portland cement may contain up to 0.75% insoluble residue. A small amount of this residue includes free crystalline silica. Portland cement also may contain trace (<0.05%) amounts of chromium salts or compounds (including hexavalent chromium) or other metals (including nickel compounds) found to be hazardous or toxic in some chemical forms. These metals are present mostly as trace substitutions within the principal minerals. Other trace constituents may include potassium and sodium sulfate compounds.

5. HAZARD IDENTIFICATION

POTENTIAL HEALTH EFFECTS:

NOTE: Potential health effects may vary depending upon the duration and degree of exposure. To reduce or eliminate health hazards associated with this product, use exposure controls or personal protection methods as described in Section 10.

EYE CONTACT:

(Acute/Chronic) Exposure to airborne dust may cause immediate or delayed irritation or inflammation of the cornea. Eye contact by larger amounts of dry powder or splashes of wet portland cement may cause effects ranging from moderate eye irritation to chemical burns and blindness.

SKIN CONTACT:

(Acute) Exposure to dry portland cement may cause drying of the skin with consequent mild irritation or more significant effects attributable to aggravation of other conditions. Discomfort or pain cannot be relied upon to alert a person to a hazardous skin exposure.

(Chronic) Dry portland cement coming in contact with wet skin or exposure to wet portland cement may cause more severe skin effects, including thickening, cracking or fissuring of the skin. Prolonged exposure can cause severe skin damage in the form of chemical (caustic) burns.

(Acute/Chronic) Some individuals may exhibit an allergic response upon exposure to portland cement. The response may appear in a variety of forms ranging from a mild rash to severe skin ulcers.

INHALATION:

(Acute) Exposure to portland cement may cause irritation to the moist mucous membranes of the nose, throat and upper respiratory system. Pre-existing upper respiratory and lung diseases may be aggravated by inhalation of portland cement.

(Chronic) Inhalation exposure to free crystalline silica may cause delayed lung injury including silicosis, a disabling

	and potentially fatal lung disease, and/or cause or aggravate other lung diseases or conditions.
INGESTION:	(Acute/Chronic) Internal discomfort or ill effects are possible if large quantities are swallowed.
CARCINOGENIC POTENTIAL:	Portland cement is not recognized as a carcinogen by NTP, OSHA, or IARC. However, it may contain trace amounts of heavy metals recognized as carcinogens by these organizations. In addition, IARC classifies crystalline silica, a trace constituent, as a known human carcinogen (Group I). NTP has characterized respirable silica as "reasonably anticipated to be a carcinogen." (See also Section 13.)

6. PHYSICAL/CHEMICAL DATA

APPEARANCE/ODOR:	Gray, white or colored powder, odorless	PHYSICAL STATE:	Solid (Powder)
BOILING POINT:	> 1000ƒC	MELTING POINT:	Not applicable
VAPOR PRESSURE:	Not applicable	VAPOR DENSITY:	Not applicable
pH (IN WATER) (ASTM D 1293-95)	12 to 13	SOLUBILITY IN WATER:	Slightly soluble (0.1% to 1.0%)
SPECIFIC GRAVITY (H_2O = 1.0):	3.15	EVAPORATION RATE:	Not applicable

7. FIRE AND EXPLOSION

FLASH POINT:	None	LOWER EXPLOSIVE LIMIT:	None

AUTO IGNITION TEMPERATURE:	Not combustible	UPPER EXPLOSIVE LIMIT:	None
FLAMMABLE LIMITS	Not applicable	SPECIAL FIRE FIGHTING PROCEDURES:	None
EXTINGUISHING MEDIA:	Not combustible	UNUSUAL FIRE AND EXPLOSION HAZARDS:	None
HAZARDOUS COMBUSTION PRODUCTS:	None		

8. STABILITY AND REACTIVITY DATA

STABILITY:	Product is stable. Keep dry until used.
CONDITIONS TO AVOID:	Unintentional contact with water. Contact with water will result in hydration and produces (caustic) calcium hydroxide.
INCOMPATIBILITY:	Wet portland cement is alkaline. As such, it is incompatible with acids, ammonium salts and aluminum metal.
HAZARDOUS DECOMPOSITION:	Will not occur.
HAZARDOUS POLYMERIZATION:	Will not occur.

9. PRECAUTIONS FOR HANDLING, STORAGE AND DISPOSAL

SKIN PROTECTION:	Wear impervious abrasion- and alkali-resistant gloves, boots, long-sleeved shirt, long pants or other protective clothing to prevent skin contact. Promptly remove clothing dusty with dry portland cement or clothing dampened with moisture mixed with portland cement, and launder before re-use. If contact occurs, wash areas contacted by material with pH neutral soap and water.

11. TRANSPORTATION DATA

Portland cement is not hazardous under U.S. DOT or TDG regulations.

12. TOXICOLOGICAL AND ECOLOGICAL INFORMATION

For a description of available, more detailed toxicological and ecological information, contact Lehigh Portland Cement Company.

13. OTHER REGULATORY INFORMATION

Status under US OSHA Hazard Communication Rule 29 CFR 1910.1200:	Portland cement is considered a hazardous chemical under this regulation and should be included in the employer's hazard communication program.
Status under CERCLA/Superfund, 40 CFR 117 and 302:	Not listed.
Hazard Category under SARA (Title III), Sections 311 and 312:	Portland cement qualifies as a hazardous substance with delayed health effects.
Status under SARA (Title III), Section 313:	Not subject to reporting requirements under Section 313.
Status under TSCA (as of May 1997):	Some substances in portland cement are on the TSCA

	inventory list.
Status under the Federal Hazardous Substances Act:	Portland cement is a hazardous substance subject to statutes promulgated under the subject act.
Status under California Proposition 65:	This product contains crystalline silica, a substance known to the State of California to cause cancer. This product also may contain trace amounts of heavy metals known to the State of California to cause cancer, birth defects or other reproductive harm.
Status under Canadian Environmental Protection Act:	Not listed.
Status under Canadian WHMIS:	Portland cement is considered to be a hazardous material under the Hazardous Products Act as defined by the Controlled Products Regulations (Class D2A, E - Corrosive Material) and subject to the requirements of WHMIS.

14. OTHER INFORMATION

This MSDS provides information on various types of portland cement products. A particular product's composition may vary from sample to sample. The information provided herein is believed by Lehigh Portland Cement Company to be accurate at the time of preparation or prepared from sources believed to be reliable. Health and safety precautions in this data sheet may not be adequate for all individuals or situations. Users have the responsibility to comply with all laws and procedures applicable to the safe handling and use of the product, to determine the suitability of the product for its intended use, and to understand possible hazards associated with mixing portland cement with other materials. SELLER MAKES NO WARRANTY, EXPRESS OR IMPLIED, CONCERNING THE PRODUCT OR THE MERCHANTABILITY OR FITNESS THEREOF FOR ANY PURPOSE OR CONCERNING THE ACCURACY OF ANY INFORMATION PROVIDED BY LEHIGH PORTLAND CEMENT COMPANY.

ABBREVIATIONS

ACGIH American Conference of Governmental Industrial Hygienists

ASTM American Society for Testing and Materials

CAS Chemical Abstract Service

CERCLA Comprehensive Environmental Response, Compensation and Liability Act

CFR Code of Federal Regulations

ft^3 Cubic foot

IARC International Agency for Research on Cancer

m^3 Cubic meter

mg Milligram

MSHA Mine Safety and Health Administration

NIOSH National Institute for Occupational Safety and Health

NTP National Toxicology Program

OSHA Occupational Safety and Health Administration

PEL Permissible Exposure Limit

REL Recommended Exposure Limit

SARA Superfund Amendments and Reauthorization Act

TDG Transportation of Dangerous Goods

TLV Threshold Limit Value

TSCA Toxic Substance Control Act

TWA Time Weighted Average

WHMIS Workplace Hazardous Materials Information System

MATERIAL SAFETY DATA SHEET
PRODUCT NAME: HELIUM, GAS

MSDS: G-5
Revised: 06/18/04

1. Product and Company Identification
BOC Gases, Division of,
The BOC Group, Inc
575 Mountain Avenue
Murray Hill, NJ 07974
TELEPHONE NUMBER: (908) 464-8100
BOC Gases
Division of BOC Canada Limited
5975 Falbourne Street, Unit 2
Mississauga, Ontario L5R 3W6
TELEPHONE NUMBER: (905) 501-1700
24-HOUR EMERGENCY TELEPHONE NUMBER: CHEMTREC (800) 424-9300
24-HOUR EMERGENCY TELEPHONE NUMBER: (905) 501-0802
EMERGENCY RESPONSE PLAN NO: 2-0101
PRODUCT NAME: HELIUM, GAS
CHEMICAL NAME: Helium
COMMON NAMES/SYNONYMS: Helium; Helium, compressed; Helium-4
TDG (Canada) CLASSIFICATION: 2.2
WHMIS CLASSIFICATION: A
PREPARED BY: Loss Control (908)464-8100/(905)501-1700
PREPARATION DATE: 6/1/95
REVIEW DATES: 06/18/04

2. Composition, Information on Ingredients
EXPOSURE LIMITS[1]:
INGREDIENT % VOLUME PEL-OSHA[2] TLV-ACGIH[3] LD50 or LC50 Route/Species
Helium
FORMULA: He
CAS: 7440-59-7
RTECS #: MH6520000
99.995 to
99.9999
None Established Simple Asphyxiant Not Available
1 Refer to individual state or provincial regulations, as applicable, for limits which may be more stringent than those listed here.
2 As stated in 29 CFR 1910, Subpart Z (revised July 1, 1993)
3 As stated in the ACGIH 2004 Threshold Limit Values for Chemical Substances and Physical Agents.
OSHA Regulatory Status: This material is classified as hazardous under OSHA regulations.

3. Hazards Identification

EMERGENCY OVERVIEW
Odorless, colorless, non-flammable gas. Simple Asphyxiant - This product does not contain oxygen and may cause asphyxia if released in a confined area. Intentional misuse of this product can cause serious lung damage or death. Maintain oxygen levels above 19.5%. Contents under pressure. Use and store below 125 °F.
ROUTE OF ENTRY:
Skin Contact: No
Skin Absorption: No
Eye Contact: No
Inhalation: Yes
Ingestion: No
HEALTH EFFECTS:
Exposure Limits: No
Irritant: No
Sensitization: No
Teratogen: No
Reproductive Hazard: No
Mutagen: No
Synergistic Effects: None reported
Carcinogenicity: -- NTP: No IARC: No OSHA: No
EYE EFFECTS: Contact with rapidly expanding gas near the point of release may cause frostbite.
SKIN EFFECTS: Contact with rapidly expanding gas near the point of release may cause frostbite with redness, skin color change to gray or white, and blistering.
INGESTION EFFECTS: No adverse effects anticipated.
INHALATION EFFECTS: Product is a simple asphyxiant. Effects of oxygen deficiency resulting from simple asphyxiants may include: rapid breathing, diminished mental alertness, impaired muscular coordination, faulty judgement, depression of all sensations, emotional instability, and fatigue. As asphyxiation progresses, nausea, vomiting, prostration, and loss of consciousness may result, eventually leading to convulsions, coma, and death. Intentional inhalation of helium balloon gas can cause asphyxiation, lung damage, and death.
Oxygen deficiency during pregnancy has produced developmental abnormalities in humans and experimental animals.
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None known.
POTENTIAL ENVIRONMENTAL EFFECTS: Not expected to be toxic to fish and wildlife.

4. First Aid Measures
EYES: None required for gas. If frostbite is suspected, flush eyes with cool water for 15 minutes and obtain immediate medical attention.
SKIN: None required for gas. For frostbite, immerse skin in lukewarm water. DO NOT USE HOT WATER. Obtain medical attention.
INGESTION: Ingestion is not anticipated.
INHALATION: PROMPT MEDICAL ATTENTION IS MANDATORY IN ALL CASES OF OVEREXPOSURE. RESCUE PERSONNEL SHOULD BE EQUIPPED WITH SELF-CONTAINED
BREATHING APPARATUS. Victims should be assisted to an uncontaminated area and inhale fresh air.

Quick removal from the contaminated area is most important. Unconscious persons should be moved to an uncontaminated area, and if breathing has stopped, administer artificial resuscitation and supplemental oxygen. Further treatment should be symptomatic and supportive.

5. Fire Fighting Measures
Conditions of Flammability: Nonflammable
Flash point: None
Method: Not Applicable
Autoignition Temperature: None
LEL(%): None UEL(%): None
Hazardous combustion products: None
Sensitivity to mechanical shock: None
Sensitivity to static discharge: None
FIRE AND EXPLOSION HAZARDS:
Nonflammable. Cylinder may rupture violently or vent rapidly from pressure when involved in a fire situation.
EXTINGUISHING MEDIA:
None required. Use as appropriate for surrounding materials.
FIRE FIGHTING INSTRUCTIONS: Firefighters should wear respiratory protection (SCBA) and full turnout or Bunker gear. Continue to cool fire-exposed containers until well after flames are extinguished.

6. Accidental Release Measures
Evacuate all personnel from affected area. Use appropriate protective equipment (See Section 8). Stop the flow of gas or remove cylinder to outdoor location if this can be done without risk. Ventilate enclosed areas. If leak is in container or container valve, contact the appropriate emergency telephone number listed in Section 1 or call your closest BOC location.

7. Handling and Storage
Electrical classification: Non-hazardous.
This gas mixture is noncorrosive and may be used with all common structural materials. Use only in well-ventilated areas. Valve protection caps must remain in place unless container is secured with valve protection outlet piped to use point. Do not drag, slide or roll cylinders. Use a suitable hand truck for cylinder movement. Use a pressure reducing regulator when connecting cylinder to lower pressure piping or systems. Do not heat cylinder by any means to increase the discharge rate of product from the cylinder. Use a check valve or trap in the discharge line to prevent hazardous back flow into the cylinder. Do not insert any object (i.e.: screwdriver) into valve cap openings as this can damage the valve causing leakage.
Protect cylinders from physical damage. Store in cool, dry, well-ventilated area of non-combustible construction away from heavily trafficked areas and emergency exits. Do not allow the temperature where cylinders are stored to exceed 125 oF (52 oC). Cylinders should be stored upright and firmly secured to prevent falling or being knocked over. Use a "first in-first out" inventory system to prevent full cylinders being stored for excessive periods of time.

Proper handling, storage and operation of regulating equipment and cylinders is required to safely fill helium balloons. DO NOT ALLOW CHILDREN or unqualified people to operate balloon filling equipment.
INTENTIONAL INHALATION OF HELIUM CAN CAUSE SERIOUS LUNG DAMAGE OR DEATH. A balloon filling helium regulator must be attached to the valve before it is opened. Close cylinder valve after each use and when empty. Do not use in poorly ventilated area or attempt to remove stuck or jammed protective caps. Check for leaks and do not use leaky equipment. Do not use helium unless cylinder is properly labeled. Do not attempt to transfer helium from cylinder into any other container. Do not substitute hydrogen (a highly flammable gas) for helium.
For additional recommendations, consult Compressed Gas Association Pamphlets P-1, P-9, P-9.1, P-18, SB-14, and Safety Bulletin SB-2.
Never carry a compressed gas cylinder or a container of a gas in cryogenic liquid form in an enclosed space such as a car trunk, van or station wagon. A leak can result in a fire, explosion, asphyxiation or a toxic exposure.

8. Exposure Controls, Personal Protection
ENGINEERING CONTROLS: Use local exhaust in combination with general ventilation as necessary to prevent accumulation of high concentrations and maintain air oxygen levels at or above 19.5%.
EYE/FACE PROTECTION: Safety goggles or glasses.
SKIN PROTECTION: Protective gloves of suitable material.
RESPIRATORY PROTECTION: For emergency release use a positive pressure NIOSH approved air supplying respirator systems (SCBA or airline/escape bottle) using at a minimum Grade D air.
OTHER/GENERAL PROTECTION: Safety shoes, emergency eyewash station

9. Physical and Chemical Properties
PARAMETER VALUE UNITS
Physical state (gas, liquid, solid) : Gas
Vapor pressure : Not Available
Vapor density (Air = 1) : 0.14 (Gas)
Evaporation point : Not Available
Boiling point : -452.1 F: -268.9C
Freezing point : Not Available: Not Available
PH : Not Applicable
Specific gravity : Not Available
Oil/water partition coefficient : Not Available
Solubility (H20 @ 32 °F; 0 °C) : 0.0094 (vol./vol.)
Odor threshold : Not Applicable
Odor and appearance : Colorless, odorless gas

10. Stability and Reactivity
STABILITY: Stable.
INCOMPATIBLE MATERIALS/CONDITIONS: None.
HAZARDOUS DECOMPOSITION PRODUCTS: None.
HAZARDOUS POLYMERIZATION: Does not occur.

11. Toxicological Information
SKIN AND EYE: Not expected to cause skin or eye irritation.
INHALATION: Product is a simple asphyxiant. Maintain atmospheric oxygen at or above 19.5%.
OTHER: Oxygen deficiency during pregnancy has produced developmental abnormalities in humans and
experimental animals.

12. Ecological Information
Product does not contain Class I or Class II ozone depleting substances. Not toxic. Will not bioconcentrate.

13. Disposal Considerations
Do not attempt to dispose of residual waste or unused quantities. Return in the shipping container PROPERLY LABELED, WITH ANY VALVE OUTLET PLUGS OR CAPS SECURED AND VALVE PROTECTION CAP IN PLACE to BOC Gases or authorized distributor for proper disposal.

14. Transport Information
PARAMETER United States DOT Canada TDG
PROPER SHIPPING NAME: Helium, compressed Helium, compressed
HAZARD CLASS: 2.2 2.2
IDENTIFICATION NUMBER: UN 1046 UN 1046
SHIPPING LABEL: NONFLAMMABLE GAS NONFLAMMABLE GAS

15. Regulatory Information
SARA TITLE III NOTIFICATIONS AND INFORMATION
SARA TITLE III - SECTION 313 SUPPLIER NOTIFICATION:
This product does not contain toxic chemicals subject to reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act (EPCRA) of 1986 and of 40 CFR 372.
SARA TITLE III - HAZARD CLASSES:
Sudden Release of Pressure Hazard
U.S. TSCA/Canadian DSL: All ingredients are listed on the U.S. Toxic Substances Control Act (TSCA)
inventory or exempt from listing and on the Canadian Domestic Substance List (DSL).
California Proposition 65: This product does not contain ingredient(s) known to the State of California to cause cancer or reproductive toxicity.

Canadian Controlled Products Regulations (CPR): This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

16. Other Information
NFPA HAZARD CODES HMIS HAZARD CODES RATINGS SYSTEM
Health: 0 Health: 0
Flammability: 0 Flammability: 0
Instability: 0 Physical Hazard: 3

0 = No Hazard; 1 = Slight Hazard; 2= Moderate Hazard; 3 = Serious Hazard;
4 = Severe Hazard
Note: Ratings were assigned in accordance with Compressed Gas Association (CGA) guidelines as published in CGA Pamphlet P-19-2004, CGA Recommended Hazard Ratings for Compressed Gases, 2nd Edition.
ACGIH American Conference of Governmental Industrial Hygienists
DOT Department of Transportation
IARC International Agency for Research on Cancer
NTP National Toxicology Program
OSHA Occupational Safety and Health Administration
PEL Permissible Exposure Limit
SARA Superfund Amendments and Reauthorization Act
STEL Short Term Exposure Limit
TDG Transportation of Dangerous Goods
TLV Threshold Limit Value
WHMIS Workplace Hazardous Materials Information System
Compressed gas cylinders shall not be refilled without the express written permission of the owner. Shipment of a compressed gas cylinder which has not been filled by the owner or with his/her (written) consent is a violation of transportation regulations.
DISCLAIMER OF EXPRESSED AND IMPLIED WARRANTIES:
Although reasonable care has been taken in the preparation of this document, we extend no warranties and make no representations as to the accuracy or completeness of the information contained herein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequences of its use. Each individual should make a determination as to the suitability of the information for their particular purpose(s).

Material Safety Data Sheet
Sand

Section 1: Chemical Product and Company Identification
Product Name: Sand
Catalog Codes: SLS3064
CAS#: 14808-60-7
RTECS: VV73330000
TSCA: TSCA 8(b) inventory: Quartz
CI#: Not applicable.
Synonym: Sand; Sea Sand
Chemical Name: Not available.
Chemical Formula: SiO2
Contact Information:
Sciencelab.com, Inc.
14025 Smith Rd.
Houston, Texas 77396
US Sales: **1-800-901-7247**
International Sales: **1-281-441-4400**
Order Online: ScienceLab.com
CHEMTREC (24HR Emergency Telephone), call:
1-800-424-9300
International CHEMTREC, call: 1-703-527-3887
For non-emergency assistance, call: 1-281-441-4400

Section 2: Composition and Information on Ingredients
Composition:
Name CAS # % by Weight
Feldspars (Ca, K, Na) Alluminum Silicates
Quartz (Crystalline Silica) 14808-60-7
Toxicological Data on Ingredients: Sand LD50: Not available. LC50: Not available. Quartz: LCL (Human) - Route:
Inhalation; Dose: 300 ug/m3/10Y.

Section 3: Hazards Identification
Potential Acute Health Effects: Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation.
Potential Chronic Health Effects:
CARCINOGENIC EFFECTS: Classified 1 (Proven for human.) by IARC. Classified A2 (Suspected for human.) by ACGIH.
MUTAGENIC EFFECTS: Not available.
TERATOGENIC EFFECTS: Not available.
DEVELOPMENTAL TOXICITY: Not available.
The substance may be toxic to lungs, upper respiratory tract.
Repeated or prolonged exposure to the substance can produce target organs damage.

Section 4: First Aid Measures

Eye Contact:

Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

Skin Contact: Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops.

Serious Skin Contact: Not available.

Inhalation:

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Serious Inhalation: Not available.

Ingestion:

Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Flammability of the Product: Non-flammable.

Auto-Ignition Temperature: Not applicable.

Flash Points: Not applicable.

Flammable Limits: Not applicable.

Products of Combustion: Not available.

Fire Hazards in Presence of Various Substances: Not applicable.

Explosion Hazards in Presence of Various Substances:

Risks of explosion of the product in presence of mechanical impact: Not available.

Risks of explosion of the product in presence of static discharge: Not available.

Fire Fighting Media and Instructions: Not applicable.

Special Remarks on Fire Hazards: Keep container tightly closed.

Special Remarks on Explosion Hazards: Not available.

Section 6: Accidental Release Measures

Small Spill:

Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Large Spill:

Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

Section 7: Handling and Storage

Precautions:

Keep locked up.. Do not breathe dust. Wear suitable protective clothing. If you feel unwell, seek medical attention and show the label when possible. Keep away from incompatibles such as oxidizing agents, alkalis.

Storage: Keep container tightly closed. Keep container in a cool, well-ventilated area. Do not store above 24°C (75.2°F).

Section 8: Exposure Controls/Personal Protection

Engineering Controls:

Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protection: Safety glasses. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill:

Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits:

TWA: 0.05 (mg/m3) from ACGIH (TLV) [United States] Respirable [Quartz or Crystalline Silica]
TWA: 0.05 (mg/m3) from NIOSH Respirable. [Quartz or Crystalline Silica]Consult local authorities for acceptable exposure limits.

Section 9: Physical and Chemical Properties

Physical state and appearance: Solid. (Granular solid.)
Odor: Odorless.
Taste: Tasteless.
Molecular Weight: Not available.
Color: Amber. Grey.
pH (1% soln/water): Not applicable.
Boiling Point: Not available.
Melting Point: Not available.
Critical Temperature: Not available.
Specific Gravity: 1.8 to 2.5+ (depending on mineral composition) (Water = 1)
Vapor Pressure: Not applicable.
Vapor Density: Not available.
Volatility: Not available.
Odor Threshold: Not available.
Water/Oil Dist. Coeff.: Not available.
Ionicity (in Water): Not available.
Dispersion Properties: Not available.
Solubility: Insoluble in cold water, hot water, methanol, diethyl ether, n-octanol.

Section 10: Stability and Reactivity Data

Stability: The product is stable.
Instability Temperature: Not available.
Conditions of Instability: Incompatibles
Incompatibility with various substances: Reactive with oxidizing agents, alkalis.
Corrosivity: Not available.
Special Remarks on Reactivity:

Incompatible with oxidizing agents such as fluorine, chlorine trifluoride, manganese trioxide, oxygen difluroide.
When exposed to high temperature quartz can change crystalline structure to form tridymite (above 870 C) or crystobalite (above 1470 C).
Soluble in hydrofluoric acid and produces a corrosive gas - silicon tetrafluoride.
Quartz is attacked by strong alkalis and hydrofluoric acid.

Special Remarks on Corrosivity: Not available.
Polymerization: Will not occur.

Section 11: Toxicological Information

Routes of Entry: Inhalation. Ingestion.
Toxicity to Animals:
LD50: Not available.
LC50: Not available.
Chronic Effects on Humans:
CARCINOGENIC EFFECTS: Classified 1 (Proven for human.) by IARC. Classified A2 (Suspected for human.) by ACGIH.
May cause damage to the following organs: lungs, upper respiratory tract.
Other Toxic Effects on Humans: Slightly hazardous in case of skin contact (irritant), of ingestion, of inhalation.
Special Remarks on Toxicity to Animals: Not available.
Special Remarks on Chronic Effects on Humans:
May contain more than 1% quartz and may cause cancer (tumorigenic). Quartz has been identified by IARC as a class 1 carcinogen.
Special Remarks on other Toxic Effects on Humans:
Acute Potential Health Effects: Skin: No adverse health effects expected.
Eyes: May cause eye irritation.
Ingestion: No adverse health effects expected.
Inhalation: Affects respiration and irritates respiratory tract. Acute pneumoconiosis from overwhelming exposure to silica dust has occurred. Coughing and irritation of throat are early symptoms.
Inhalation of quartz is classified as a human carcinogen. Risk of cancer depends upon duration and level of exposure. May also affect liver.
Chronic exposure can also cause silicosis, a form of lung scaring that can cause shortness of breath, reduced lung function. May also affect blood.
Aggravation of Pre-existing Conditions: Inhalation may increase the progression of tuberculosis; susceptibility is apparently not increased. Persons with impaired respiratory function may be more susceptible to the effects of this substance. Smoking can increase the risk of lung injury.
Material is irritating to mucous membranes and upper respiratory tract.

Section 12: Ecological Information

Ecotoxicity: Not available.
BOD5 and COD: Not available.
Products of Biodegradation:
Possibly hazardous short term degradation products are not likely. However, long term degradation products may
arise.
Toxicity of the Products of Biodegradation: The product itself and its products of degradation are not toxic.
Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal:
Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Section 14: Transport Information

DOT Classification: Not a DOT controlled material (United States).
Identification: Not applicable.
Special Provisions for Transport: Not applicable.

Section 15: Other Regulatory Information

Federal and State Regulations:
California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute: Quartz California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer which would require a warning under the statute: Quartz
TSCA 8(b) inventory: Quartz
Other Regulations: OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).
Other Classifications:
WHMIS (Canada): Not controlled under WHMIS (Canada).
DSCL (EEC):
R45- May cause cancer.
S2- Keep out of the reach of children.
S53- Avoid exposure - obtain special instructions before use.
HMIS (U.S.A.):
Health Hazard: 1
Fire Hazard: 0
Reactivity: 0
Personal Protection: E
National Fire Protection Association (U.S.A.):
Health: 1
Flammability: 0
Reactivity: 0
Specific hazard:
Protective Equipment:
Gloves.
Lab coat.
Dust respirator. Be sure to use an approved/certified respirator or equivalent.
Safety glasses.

Section 16: Other Information

References:
-Hawley, G.G.. The Condensed Chemical Dictionary, 11e ed., New York N.Y., Van Nostrand Reinold, 1987.
-SAX, N.I. Dangerous Properties of Industrial Materials. Toronto, Van Nostrand Reinold, 6e ed. 1984.
-The Sigma-Aldrich Library of Chemical Safety Data, Edition II.
Other Special Considerations: Not available.
Created: 10/09/2005 06:23 PM
Last Updated: 10/09/2005 06:23 PM
The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall ScienceLab.com be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if ScienceLab.com has been advised of the possibility of such damages.

ATTACHMENT F

Safe Driving

Emergency Procedures:

Always move out of traffic if possible; stopping on an active highway, even if those in front of you have stopped, may precipitate being hit from the rear. If you must stop on an active roadway, leave at least one car length in front of you, and watch the rear mirror, so you can ease up if someone behind can't stop. Keep your flashers on in this situation. If you are the only driver coming to a stop on an active roadway, leave the flashers on and when safe to do so, exit the car and get to a safe location.

If you must stop due to vehicle failure, etc. try to coast out of traffic. Put on your flashers, and tie a white handkerchief, etc. on the driver's side door or mirror. If you remain in the vehicle, lock the doors. Use your cell phone to summon help.

In the event of a fire in your vehicle, do not endanger yourself by trying to fight it, even if you have an extinguisher, unless you are trained and can safely do so. Do NOT fight a gasoline fire which may spread or explode.

If stranded in snow or a remote location, stay with the vehicle, where you are more likely to be found. Conserve food, water, and heat as possible, and call for help.

Emergency Supplies (As Appropriate and Seasonal)

.

- Jumper cables to restart engine
- Cat litter or sand for tire traction on snow and ice
- Shovel to scrape snow away from tires
- Ice scraper to clear windshield (and extra washer fluid in bad weather)
- Warm clothes, gloves, a hat, sturdy boots, warm jacket, change of clothes
- Blankets to keep warm inside the vehicle
- Flashlights and extra batteries
- First aid kit; medications incase you are stuck on the road
- Food: items containing protein, such as nuts and energy bars
- Water: bring enough for each person in your car:
- AM/FM radio to listen to traffic reports and emergency messages
- Bring a cell phone and a list of emergency numbers; do NOT use while driving.

Vehicle Inspection (minimal)

Inspect ALL vehicles (personal, private, and rental) prior to driving them.
Minimally, check that tires appear fully aired, and required external equipment is in place
Check for a spare and jack
Check the lights and mirrors

If going into remote areas or in bad weather, check washer (and other) fluid.
Make sure ice scrapers, etc. are on hand, as appropriate for the season.
Adjust mirrors to make sure they are functional and cover the “dead space”
Don the seatbelt, assure that all doors are locked.
Turn on the ignition and see if all gauges read correctly.
Adjust all equipment for your driving BEFORE you start.
Use the ENSR Vehicle Inspection form for detailed inspection.

Vehicle Operation

- For ENSR, private, and rental vehicles, adjust all controls (mirrors, lights, radio, etc.) PRIOR to leaving the parking space.
- Adjust your outside mirrors to cover the “dead space” ---not the same area covered by the inside mirror---so as to avoid the danger of collision during lane changes.
- NO cell phone use by driver, including hands-free.
- Everyone in the vehicle must wear safety belts while moving
- Abide by speed limits and generally move with traffic---not too slow or fast.
- Driving with headlights on is mandatory in rain, dark, fog (no brights).
- Except for parking, avoid backing situations. If backing with an obstructed view, the passenger will serve as spotter.
- Use pull through parking when available to avoid backing up when leaving.
- Listen to the radio, or have passenger call 511 for traffic and road condition updates.
- Do not drive when fatigued or tired. Be aware of increased hazards of driving in the dark, or into the sun.
- Use appropriate eyewear: sunglasses, RX
- No headphones

Equipment

- Tie down all tarps, canopies, secure all equipment and supplies
- Pack equipment to minimize obstruction of the driver’s view
- Secure materials INSIDE the passenger compartment too!

Personal Safety

- Plan your route prior to leaving to avoid dubious areas (do a JMP)
- Keep your vehicle locked
- Do not stop for strangers or hitchhikers
- Notify someone of your route before departure, expected arrival time, cell phone number (and notify them upon arrival).
- Do not respond to or participate in road rage. Call 911 if necessary.

- Have the keys in your hand when exiting the vehicle to avoid being locked out; never put them down in the trunk. (be aware that some vehicles lock automatically.

Winter Driving

Know current road conditions, as part of your JMP:

call 511 - for traveler information

view weather and traffic - information at www.wsdot.wa.gov

check local news for weather and traffic reports

watch electronic highway signs for information

Clear snow and ice from all windows, mirrors, and lights - even the hood and roof - before driving.

Slow Down! Drive according to road and weather conditions. Remember, the posted speed limits are for dry pavement.

Leave plenty of room for stopping, and brake early. It takes more time to stop when roads are wet or icy.

Leave room for maintenance vehicles and plows - stay at least 15 car lengths (200 feet) back and don't pass them on the right.

Watch for icy surfaces on bridges, even when the rest of the road seems to be in good condition. Bridge decks will ice up first.

If you start to skid, do NOT brake or accelerate: steer in the direction you want to go.

Look farther ahead in traffic. Actions by other drivers will alert you to problems and give you extra seconds to react.

Trucks take longer to stop, so don't cut in front of them.

Don't use your cruise control or overdrive when it's freezing (or colder). Even roads that appear clear can have isolated slippery spots and the short touch of your brakes to deactivate cruise control can cause you to lose control of your vehicle. With overdrive, as you encounter a hill your vehicle automatically accelerates or downshifts, which can cause loss of traction.

Don't be overconfident with four-wheel drive. Four-wheel drive helps you get going quicker but it won't help you stop any faster.

Don't pump anti-lock brakes. The right way is to "stomp and steer."

Know your vehicle. Look at the Owners Manual if uncertain about some features.

Adjust to Road Conditions. The faster your vehicle is going, the more distance it will take to turn, slow, or stop.

Slow down at the first sign of rain, snow, or sleet. When the road is slippery, the vehicle's tires do not grip as well as they do on a dry road.

Allow extra time. Give yourself extra time to reach your destination when roads may be slick. Consider delaying your trip.

Drive with your headlights on.

If at all possible, do not drive when the roads are icy.

ATTACHMENT G

Health and Safety Plan Quiz

HASP Quiz

Name _____ **Date** _____

Employer _____ **Job#** _____

Date of HASP _____

1. What tasks will you be performing? _____

2. Who is the ENSR Project Manager? _____

   Site Safety Officer? _____

   Client Project Manager? _____

3. Who are the subcontractors on this site? _____

4. Where is the emergency medical facility? _____

5. What chemical hazards are present on this site? _____

6. What physical hazards are present on this site?

7. What minimum PPE is required?

   a. _____ b. _____ c. _____

   d. _____ e. _____ f. _____

8. How would you respond to an incident / accident? _____

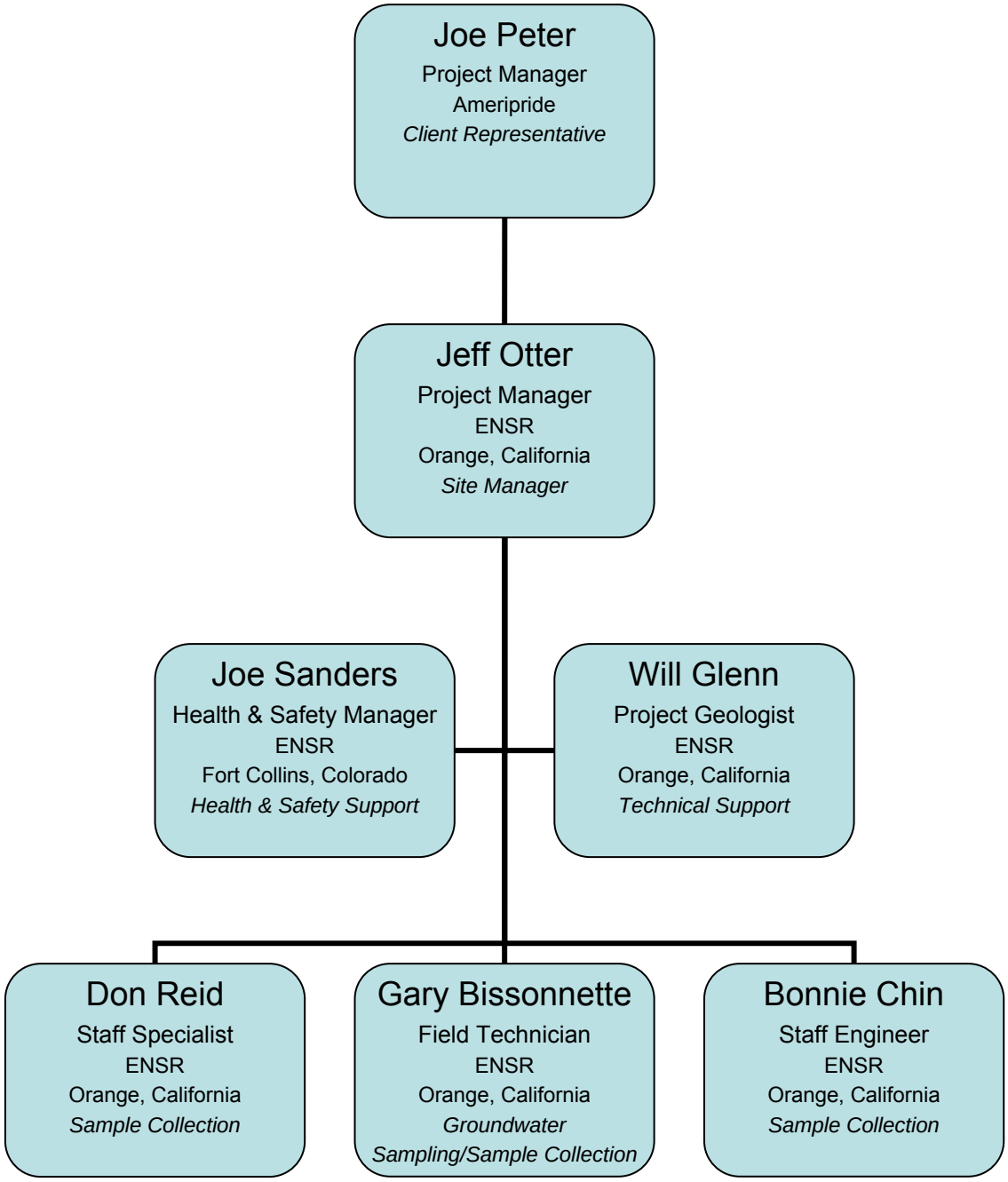
9. Which tool / document could best help you do your SPSA? _____

10. What should you do if you suspect a task may be unsafe? _____

Appendix H

Organizational Chart

PROJECT TEAM ORGANIZATION CHART



Appendix I

Job Safety Analyses

Job Safety Analysis – Warm Weather Groundwater Monitoring

JSA Type: ☒ SAR Operations ☐ Transport ☐ Office ☐ Construction		☐ New ☒ Revised	Date: 02/15/08
Co: ENSR Corp	Dept: 0093 Div: Org Unit:		Loc: Los Angeles, CA
Work Type: Groundwater Monitoring		Work Activity:	

Personal Protective Equipment (PPE):

☐ Goggles	☐ Hearing Protection	☐ Air Purifying Respirator	☒ Gloves ___Nitrile_____
☐ Face Shields	☒ Hard Hat	☐ Welding/Pipe Clothing	☒ Other ___Safety Vest_____
☒ Safety Glasses	☒ Safety Shoes	☐ Welding Mask/Goggles	☐ Other _____
☐ Lifeline/Body Harness	☐ Supplied Respirator	☐ Life Vest	

Development Team	Position/Title	Reviewed By	Position/Title	Date
Jeff Otter	Project Manger			
William Glenn	Project Geologist			

❶ Job Steps	❷ Potential Hazard	❸ Critical Actions
1 Mobilizing/Demobilizing equipment/supplies at each location	Traffic	- Visually inspect vehicle before driving (tires, lights, etc) – Adjust mirrors (views for left, right and rear). – Fasten seatbelts before engaging vehicle. – Cell phone usage is prohibited while driving a vehicle. Obey posted speed limits and traffic laws. Place traffic cones behind vehicles as needed to alert vehicular traffic. When possible, park sampling vehicle facing into traffic for protection. Remove keys from ignition and engage parking brake when out of the car.
2 Perform SPSA; Site Safety Orientation	NLIs, Near Misses	- Perform Safe Performance Self Assessment. - Assess potential Hazards. Analyze how to reduce risk. Act to ensure sampling is performed safely. - Site safety officer conduct tailgate safety meeting by reviewing - Health and Safety Plan [HASP] - Vehicle Safety - Job Safety Analysis [JSA] - Evacuation Plan. - Make site-specific changes to JSA, as necessary. - Sign compliance agreement to comply with HASP/JSA. - Identify nearest hospital, location of health and safety equipment (first aid kit/eye/fire extinguisher).

3 Personal health and safety	Heat stress and Heat stroke	- Drink plenty of fluids and have plenty of fluids available (water and sports drinks are recommended; coffee and soda may actually cause further dehydration). - Wear loose, non-restrictive clothing and hat/cap. - Stay in shade as much as possible to keep cool (use vehicle and air-conditioning if necessary). - Use sunscreen to prevent sunburn and lip balm to prevent chapped lips. - Be aware of faintness, dizziness, unconsciousness, paleness, and profuse sweating in Site personnel (contact PM or if severe, contact emergency personnel). - Redness to the face, high body temperature, and lack of sweating may indicate heat stroke (contact emergency personnel immediately).
4 Access monitoring wells/well covers	Strain/sprains from opening well covers/heavy lifting/hand tools; Puncture hazards from hidden boards with nails or hidden nails on the ground; biological	- Use proper lifting posture when opening/closing all well covers. - Wear leather gloves and safety glasses when opening and closing well covers and caps, tapping bolts. - Check for poisonous spiders, insects, etc. - Stand upwind of well when removing cover. - Ensure well is securely closed after sampling.
5 Calibrate and check over all equipment	Equipment malfunction, inaccurate data recovery	- Calibrate water level/ water quality meter(s) and check over to ensure they are working properly.
6 Measuring water levels	Dermal contact and inhalation of potential constituents	- Perform careful triple-rinse decontamination of sounder or interface meter. - Wear Nitrile gloves when handling water. Be careful not to splash or spill large amounts of water on clothing or on the Site.
7 Well purge and sample	Pinch points; Cross-contamination of wells; Spills/leaks/slips/trips; Chemical exposure	- Keep hands clear of well opening when inserting bailer or pump tubing. - Replace peristaltic pump silicon and polyethylene tubing with new at each well location. - Inspect integrity of liquid containers prior to and during use. - Carefully pour liquids when transferring between containers. - Avoid spills when filling sample bottles, and handle with care to avoid breakage. - Ensure bottles are labeled accurately. - Maintain good housekeeping. - Have trash bag at Site and clean as work is conducted.
8 Place samples in cooler with ice and padding materials	Bottle breakage, back strain	- Wear proper PPE and pack bottles carefully (bubble wrap bags are helpful). - Ensure cooler is thoroughly iced to maintain samples at proper temperature (4 degrees Celsius).
9 Load Equipment and supplies into vehicle	Back injury, equipment damage	- Use proper lifting techniques when loading/lifting coolers and equipment into vehicle. - Ensure equipment and supplies are loaded correctly and do not shift during driving.
10 Site cleanup	Debris or equipment left on-Site or unsecured can cause tripping hazard	- Make careful visual sweep of Site. - Check for tools, debris or dirt left on-Site. - Remove free standing water by sweeping or with absorbent material.

Job Safety Analysis - Observing Vacuum Truck Operations

JSA Type: ☒ SAR Operations ☐ Transport ☐ Office ☐ Construction			☐ New ☒ Revised	Date: 02/15/08
Co: ENSR	Dept: 0093	Div: ISC	Org Unit:	Loc: Los Angeles, CA
Work Type:		Work Activity: Vacuum Truck Operations		

Personal Protective Equipment (PPE):

☐ Goggles	☒ Hearing Protection	☐ Air Purifying Respirator	☐ Gloves _____
☐ Face Shields	☒ Hard Hat	☐ Welding/Pipe Clothing	☒ Other ____Safety Vest_____
☒ Safety Glasses	☒ Safety Shoes	☐ Welding Mask/Goggles	☐ Other _____
☐ Lifeline/Body Harness	☐ Supplied Respirator	☐ Life Vest	

Development Team	Position/Title	Reviewed By	Position/Title	Date
Jeff Otter	Project Manager			
Will Glenn	Geologist			

❶ Job Steps	❷ Potential Hazard	❸ Critical Actions
Arrival at job site.	Unknown hazards may exist.	Always conduct a self performance safety assessment (SPSA) prior to start. Assess the risk, what is the worst that could happen? Review HASP, JSA's and conduct Safety Tailgate Meeting.
Site Set Up	Unknown hazards	Based on SPSA and review of safety protocol, establish work areas, exclusion zones.
Entering the work area	Exposure to hazardous liquids, vapors or waste.	Wear proper PPE. High visibility vest required in vehicle areas.
Secure the equipment	Rolling hazard. Could be struck by.	Set parking brakes, chock wheels.
Prepare safe work zone	Slipping, tripping, back strain, traffic hazards, struck by vehicles.	Set up traffic cones, signage and barriers as outlined in established traffic plan(s). Remove, cover or flag any potential slippery area, holes or uneven ground.
Ensure fire protection	Fire, exposure to hazardous vapors	Place fire extinguisher in the vicinity. Ground vacuum truck with ground cabling equipment. Install vent exhaust pipe (gasoline).
Perform truck pump inspection	Pump failure causing fire, explosion or spill.	Ensure proper pump case oil level and that pump is operating per manufacturers specifications.
Install leak protection.	Product leaks, fire, explosion, chemical exposure.	Install drip pans and/or spill containment, pads at hose connections.
Set up product hoses	Back injury/sprains. Product leaks at hose connections	Use proper lifting techniques. Wire, tape or strap cam-lock hose fittings securely.
PTO Activation	Vehicle transmission damage.	`Slowly activate PTO for vacuum pump use.
Start vacuum pump	Exposure to hazardous liquids, vapors/waste	Follow required manufactures procedures for operating pump recovery equipment.
Monitor transfer	Product leaks, fire, explosion, chemical exposure.	Periodically check tank level, gauges and hose connections for abnormal conditions. Attend to the vac truck at ALL times during the transfer operations.

Transfer completion	Product leaks, fire, explosion, chemical exposure.	Ensure clear shutdown communication is established with any other parties involved in operating the vac hoses. Standby vac truck shut-off controls last 15 minutes of the transfer. Check fittings and hook up sumps before disconnecting.
Product hose disconnection	Product leaks, fire, explosion, chemical exposure.	Check fittings and hook up sumps before disconnecting. Clear all product lines before disconnection.
Secure vacuum tank valves.	Product leaks, fire, explosion, chemical exposure.	Cap and plug all product hoses before storing in the hose cradle. Close vacuum tank valve.
Turn off vacuum pump	Exposure to hazardous liquids, vapors and waste.	Turn off vacuum pump. De-activate PTO for pump.
Remove leak protection equipment	Product leaks, exposure.	Clean, inspect and stow leak protection equipment.
Site Departure.	Slipping, tripping, back strain, traffic hazards.	Remove traffic cones, signage and barriers. Use proper lifting techniques. Use spotters for backing and moving of equipment. Use of traffic safety vests mandatory.

Task . The following table addresses the concerns of Cone Penetration Testing (CPT)/Hydraulic Push sampling.

Field staff must review job-specific work plan and coordinate with project manager to verify that all up-front logistics are completed prior to starting work including, but not limited to, permitting, access agreements, and notification to required contacts (e.g. site managers, inspectors, clients, subcontractors, etc.). A tailgate safety meeting must be performed and documented at the beginning of each workday. Safe Performance Self Assessment (SPSA) procedures must be used throughout the project. Weather conditions (heat, cold, rain, and lightning) must also be considered.

❶ Job Steps	❷ Personal Protective Equipment	❸ Potential Hazard	❹ Critical Actions
Clear drilling locations.	Wear reflective vest for traffic, steel toed and shank shoes, hardhat, safety glasses with side shields, and leather gloves as necessary.	Traffic hazards, overhead and underground installations, product releases, property damage, dealer inconvenience.	• Reference Utility Clearance Review form (**Attachment 4**). • Coordinate with Site Manger (or designee) to minimize potential conflicts. • Review proposed locations against available construction drawings and known utilities, tanks, product lines, etc. • Mark out the proposed borehole locations. • Call underground utility locating service for public line location clearance and get list of utilities being contacted. If necessary, coordinate private line locator for private property. • Develop a traffic control plan with the client and local agencies as applicable. Plan may include use of cones, barrier tape, jersey barriers, etc. *(Refer to* **Attachment 2***).* • **It is the responsibility of the SHSO to annotate the Site Plan with the Traffic Control configuration if a "formally developed" Traffic Control Plan is not available.**
Obtain sub-contractor equipment maintenance records prior to commencing work.		Improper equipment maintenance, which can cause equipment failure and possible personal injury.	• Verify maintenance records in possession are for equipment on site. • Verify maintenance is current.
Mobilize with proper equipment/supplies for drilling.	Gather necessary PPE. Reflective vest for traffic, steel toed and shank shoes, hardhat, safety glasses with side shields, ear plugs/muffs, and leather gloves for the non-chemical aspects of work as necessary; Wear an appropriate air purifying respirator with combination organic vapor/HEPA P-100 cartridges, and	Vehicle accident. Lifting hazards. Delay or improper performance of work due to improper equipment onsite.	• Start project with Production Safety Meeting (**Attachment 6**). • Follow safe driving procedures. • Employ safe lifting procedures.

Field staff must review job-specific work plan and coordinate with project manager to verify that all up-front logistics are completed prior to starting work including, but not limited to, permitting, access agreements, and notification to required contacts (e.g. site managers, inspectors, clients, subcontractors, etc.). A tailgate safety meeting must be performed and documented at the beginning of each workday. Safe Performance Self Assessment (SPSA) procedures must be used throughout the project. Weather conditions (heat, cold, rain, and lightning) must also be considered.

❶ Job Steps	❷ Personal Protective Equipment	❸ Potential Hazard	❹ Critical Actions
	other PPE as needed. (*Use a North 7600 series full face respirator or its equivalent. Best brand nitrile gloves or their equivalent. Howard Leight Max foam earplugs with an NRR of 33or their equivalent. Tyvek, poly coated chemical resistant suit or its equivalent).*		• Make sure sub-contractors are aware of their responsibilities for labor, equipment and supplies. • Review permit conditions.
Visually clear proposed drilling locations.	Wear reflective vest for traffic, steel toed and shank shoes, hardhat, safety glasses with side shields, and leather gloves as necessary.	Underground and overhead installations.	• Complete Pre-Mobilization section of Utility Clearance Review form (**Attachment 4**) and adjust drilling locations as necessary.
Set up necessary traffic control. See **Attachment 2** for detailed plan.	Wear reflective vest for traffic, steel toed and shank shoes, hardhat, safety glasses with side shields, and leather gloves as necessary.	Struck by vehicle during placement. Vehicle accident as a result of improper traffic control equipment placement.	• Use buddy system for placing traffic control. Implement traffic control plan such as setting out cones and tape defining safety area. • It is the responsibility of the SHSO to annotate the Site Plan with the Traffic Control configuration if a separate diagram is not available. • Adhere to approved Traffic Control Plans (see **Attachment 2**) when working in roadways. • **It is the responsibility of the SHSO to annotate the Site Plan with the Traffic Control configuration if a "formally developed" Traffic Control Plan is not available.**
Assist with set up of rig.	Wear reflective vest for traffic, steel toed and shank shoes, hardhat, safety glasses with side shields, and leather gloves as necessary.	Vehicle accident during rig movement. Damage caused by rig while accessing set-up location. Contact with overhead installations. Soft terrain. Rig movement.	• All staff should know where the kill switch is for the drilling rig (incorporate into Production Safety Meeting (See **Attachment 6**)). • Verify clear pathway to drilling location and clearance for raising mast. • Provide as-needed hand signals and guidance to driver to place rig. • Visually inspect rig (fire extinguisher on board, no oil or other fluid leaks, cabling and associated equipment in good condition, pressurized hoses secured with whip-checks or adequate substitute, jacks in good condition?).

Field staff must review job-specific work plan and coordinate with project manager to verify that all up-front logistics are completed prior to starting work including, but not limited to, permitting, access agreements, and notification to required contacts (e.g. site managers, inspectors, clients, subcontractors, etc.). A tailgate safety meeting must be performed and documented at the beginning of each workday. Safe Performance Self Assessment (SPSA) procedures must be used throughout the project. Weather conditions (heat, cold, rain, and lightning) must also be considered.

❶ Job Steps	❷ Personal Protective Equipment	❸ Potential Hazard	❹ Critical Actions
			• If necessary, use wooden blocks under jacks to spread load. Chock wheels.
Set up exclusion zone(s) and workstations (Hydropunch/Geoprobe and logging/sample collection).	Wear reflective vest for traffic, steel toed and shank shoes, hardhat, safety glasses with side shields, and leather gloves as necessary.	Struck by vehicle during set up. Slip/fall hazards.	• Implement exclusion zone set up. • **It is the responsibility of the SHSO to annotate the Site Plan with the exclusion zone configuration.** • Set up workstations with clear walking paths to and from rig. Use safety tape and cones.
Clear upper five feet of Hydropunch/Geoprobe location using post-hole digger or hand auger.	Don required PPE as appropriate for this step: steel toed and shank shoes, hard hat, safety glasses with side shields, hearing protection, reflective safety vest, and leather gloves for the non-chemical aspects of work as necessary Wear chemical resistant gloves during handling of soil. Wear an air-purifying respirator with combination organic vapor/HEPA P-100 cartridges if necessary. (*Use a North 7600 series full face respirator or its equivalent. Best brand nitrile gloves or their equivalent. Howard Leight Max foam earplugs with an NRR of 33 or their equivalent. Tyvek poly coated chemical resistant suit or its equivalent).*	Back strain, exposure to chemical hazards, hitting an underground utility, repetitive motion.	• Stand upwind to avoid exposure whenever possible. • Initiate air quality monitoring in accordance with **Section 12**. • Use the organic vapor monitor aggressively to track the airborne concentration of contaminants close to potential sources such as the core as it is being raised from the hole, the core is opened, etc. • Have appropriate respirator with combination organic vapor/HEPA P-100 cartridges within 3-5 feet of work area, readily available. • Evaluate any soil samples inside a Ziploc bag at arm's length. DO NOT EVALUATE THE SAMPLE WITH THE BAG OPEN. THIS WILL AVOID UNNECESSARY EXPOSURE. • Use proper lifting techniques and tools. • Complete the Pre-Drilling section of the Borehole Clearance Review form. • Avoid twisting back during the operation; Decontaminate equipment after use. Decontamination will be accomplished by an Alconox wash with tap water rinse followed by a second distilled or de-ionized water rinse. Collect

Field staff must review job-specific work plan and coordinate with project manager to verify that all up-front logistics are completed prior to starting work including, but not limited to, permitting, access agreements, and notification to required contacts (e.g. site managers, inspectors, clients, subcontractors, etc.). A tailgate safety meeting must be performed and documented at the beginning of each workday. Safe Performance Self Assessment (SPSA) procedures must be used throughout the project. Weather conditions (heat, cold, rain, and lightning) must also be considered.

❶ Job Steps	❷ Personal Protective Equipment	❸ Potential Hazard	❹ Critical Actions
			rinse water in 5 gallon buckets and transfer to 55-gallon drums and stage drums *at an agreed upon location between the Store Manager and ENSR SHSO.*
Commence Geoprobe/Hydropunch operation.	Steel toed and shank shoes, hardhat, safety glasses with side shields, hearing protection, reflective safety vest, and leather gloves for the non-chemical aspects of work as necessary. Wear appropriate air purifying respirator with combination organic vapor/HEPA P-100 cartridges if needed.	Cross-contamination from previous hole. Back strain, heat or cold, eye injury, noise, exposure to chemical hazards, hitting an underground utility, trip and fall, equipment failure	● Decontaminate sampling equipment after collecting a sample. Decontaminate equipment after use. Decontamination will be accomplished by an Alconox wash with tap water rinse followed by a second distilled or de-ionized water rinse. Collect rinse water in 5 gallon buckets and transfer to 55-gallon drums and stage drums *at an agreed upon location between the Store Manager and ENSR SHSO.* ● Decontaminate Geoprobe/Hydropunch equipment after each evolution. Decontamination will be accomplished using a pressure washer and then air-dried. Decon water will be collected in 55-gallon drums and staged *at an agreed upon location between the Store Manager and ENSR SHSO.* ● Use proper lifting techniques. ● Monitor air quality in accordance with **Section 12**. ● Have appropriate respirator with combination organic vapor/HEPA P-100 cartridges within 3-5 feet of work area, readily available. ● Monitor CPT/Geoprobe/Hydraulic Push progress. ● Keep work area clear of tripping or slipping hazards. ● Perform periodic visual inspections of CPT/Geoprobe/Hydraulic Push rig.
Collect samples in accordance with sampling plan.	Steel toed and shank shoes, hardhat, safety glasses with side shields, hearing protection, reflective safety	Cross-contamination. Back strain, inhalation or dermal exposure to chemical hazards,	● Perform air monitoring in accordance with **Section 12**.

Field staff must review job-specific work plan and coordinate with project manager to verify that all up-front logistics are completed prior to starting work including, but not limited to, permitting, access agreements, and notification to required contacts (e.g. site managers, inspectors, clients, subcontractors, etc.). A tailgate safety meeting must be performed and documented at the beginning of each workday. Safe Performance Self Assessment (SPSA) procedures must be used throughout the project. Weather conditions (heat, cold, rain, and lightning) must also be considered.

❶ Job Steps	❷ Personal Protective Equipment	❸ Potential Hazard	❹ Critical Actions
	vest, and chemical resistant gloves as necessary. Wear appropriate air purifying respirator with combination organic vapor/HEPA P-100 cartridges as needed.	slip and fall. Improper labeling or storage, injury from broken sample bottle (cuts or acid burn).	• Have appropriate respirator with combination organic vapor/HEPA P-100 cartridges within 3-5 feet of work area, readily available. • Decontaminate sampling equipment between each well (unless disposable). If the equipment is reusable, then wash in an Alconox wash, rinsed with tap water, then rinsed with distilled or de-ionized water. Decontamination water will be transferred to 55-gallon drums and staged *at an agreed upon location between the Store Manager and ENSR SHSO.* • Use proper lifting techniques. • Label samples in accordance with sampling plan. • Keep samples stored in proper containers, at correct temperature, and away from work area. Handle bottles carefully.
Cuttings will be picked up by shovel and placed directly in 55-gallon drums.	Steel toed and shank shoes, hardhat, safety glasses with side shields, hearing protection, reflective safety vest, and leather gloves for the non-chemical aspects of work as necessary. If you suspect that equipment is contaminated, wear chemical resistant gloves.	Exposure to public. Traffic hazard or obstruction/inconvenience to station operation. Improper storage or disposal. Back strain.	• Have proper storage containment and labeling available onsite. • Place materials in isolated location away from traffic and other site functions. *(See next section for Waste Description).* • Use appropriate drum handling practices. Do not attempt to lift, push or move drums without the proper tools and equipment.
Backfill borehole.	Steel toed and shank shoes, hardhat, safety glasses with side shields, hearing protection, reflective safety vest, and leather gloves for the non-chemical aspects of work as necessary.	Improper grouting can lead to future vertical conduit for contaminant migration. Back strain, trip hazards, and eye injury from splashing or release of pressurized grout. Unauthorized backfilling causes extra work.	• Mix grout to specification and completely fill the hole. • Use proper lifting techniques. • Keep work area clear of tripping hazards.
Dispose or store purge water (if any) onsite.	Steel toed and shank shoes, hardhat, safety glasses with side shields,	Back strain. Exposure to contaminants. If disposing	• Use appropriate drum

Field staff must review job-specific work plan and coordinate with project manager to verify that all up-front logistics are completed prior to starting work including, but not limited to, permitting, access agreements, and notification to required contacts (e.g. site managers, inspectors, clients, subcontractors, etc.). A tailgate safety meeting must be performed and documented at the beginning of each workday. Safe Performance Self Assessment (SPSA) procedures must be used throughout the project. Weather conditions (heat, cold, rain, and lightning) must also be considered.

❶ Job Steps	❷ Personal Protective Equipment	❸ Potential Hazard	❹ Critical Actions
	hearing protection, reflective safety vest, and chemical resistant gloves as necessary. Wear appropriate air purifying respirator with combination organic vapor/HEPA P-100 cartridges as needed.	through onsite treatment system, damage or injury from improper use of equipment. Improper storage or disposal.	handling practices. ● Use proper equipment to transport water (pumps, drum dollies, etc.). ● Monitor air quality in accordance with **Section 12**. ● Have appropriate respirator with combination organic vapor/HEPA cartridges within 3-5 feet of working location, readily available. ● Label storage containers properly, and locate in isolated area away from traffic and other site functions. ● Coordinate offsite disposal (where applicable). ● Do not attempt to lift, push or move drums without the proper tools or equipment.
Supervisor/HSC must confirm all boreholes are closed, filled in and/or capped.		Possible injuries and damage to property due to stepping into or driving over the well.	● Visually inspect each and every borehole.
Clean site/demobilize.	Steel toed and shank shoes, hardhat, safety glasses with side shields, hearing protection, reflective safety vest, and leather gloves for the non-chemical aspects of work as necessary.	Traffic. Safety hazard left on site. Lifting hazards.	● Use buddy system as necessary to remove traffic control. ● Leave site clean of refuse and debris. ● Clearly mark/barricade any borings that need later topping off or curing. ● Notify site personnel of departure, final well locations and any cuttings/purge water left onsite. ● Use proper lifting techniques
Package and deliver samples to lab.		Bottle breakage, back strain.	● Handle and pack bottle carefully (bubble wrap bags are helpful). Use proper lifting techniques.

Job Safety Analysis – Well Installation/Development

Field staff must review job-specific work plan and coordinate with project manager to verify that all up-front logistics are completed prior to starting work including, but not limited to, permitting, success agreements and notification to required contacts (e.g., site managers, inspectors, clients, subcontractors, etc.). Additionally, a tailgate safety meeting must be performed and documented at the beginning of each work day. Safe Performance Self Assessment (SPSA) procedures must be used during field activities. Also consider weather conditions (heat, cold, rain, and lightning).

Date:	3/20/06
JSA Type:	Assessment
Work Type:	Well Installation/Development
Work Site:	3505 Pasadena Ave, Los Angeles, CA
Organization:	ENSR

Development Team	Position/Title	PC	Reviewed By	Position/Title	Date
Anthony Lizzi	Project Manager	☑			
William Glenn	Geologist				

Personal Protective Equipment (PPE) needed:
Hard hat; safety glasses; steel toe protective boots; hearing protection; air monitoring equipment (PID, combination meter); Safety vest
Chemical resistant gloves; leather gloves; respirator (per HASP); protective coveralls (tyvek, poly-per HASP);
Traffic control equipment (signs, barricades, cones, etc.)

No	Job Steps	Potential Hazard(s)	Critical Action(s)
1	Clear location of well to be installed	Traffic hazards, obstructions, overhead and underground installations, potential for releases, site owner inconvenience	Obtain location of privately installed lines from site owner. Review locations against construction drawings and known utilities, prior well logs, field notes from former well installation, USTs, product lines, etc.; identify conflicts with Site and Project Manager; mark well installation locations on the site then contact State utility locating service for public utility clearance and obtain list of utilities contacted/ responses to notice; conduct private utility locating if warranted; develop a Traffic Control Plan with Site Owner and agency, if required. - If drilling at a UST site, determine if USTs have cathodic protection, and locate shallow lines. - Wear high visibility traffic vest, and do not turn back to traffic.
2	Mobilization/inspection	Travel/traffic hazards, vehicle or physical property damage, vehicle accident, equipment failure, injury	Employ safe driving procedures, as outlined in the HASP; employ a spotter when parking or backing rig and/or trailer; do not use mobile phones while driving. Before startup, inspect rig for leaking hoses or fittings, loose connections, functional controls, proper drive head operation and travel, functional emergency shutoff, damaged augers or rods, etc.
3	Visually clear well locations	Contact with overhead utilities and underground/at-grade utilities or structures (equipment damage, personal injury)	Cross-check plans, well logs, drawings and utility mark-outs with proposed well location and visible site features; confirm utility locations with Site Owner/Manager; visually confirm height of overhead utilities at/near boring locations.
4	Establish work/exclusion zone and traffic controls	Traffic/pedestrian hazards, vehicle accident, property damage, physical injury	Place traffic control equipment per HASP or Traffic Control Plan (use buddy system); place cones, construction fencing or caution tape to isolate the boring location.

No	Job Steps	Potential Hazard(s)	Critical Action(s)
5	Clear upper 8 feet of boring with auger or air knife.	Flying debris, sprains or strains, contact with underground or overhead utilities, property damage; slip-trip-fall.	Use Air-knife rig to clear diameter larger than proposed auger diameter for well installation or advance three borings in triangular pattern around proposed well location. Employ a spotter to stage air knife equipment; do not use excessive force to twist or advance hand auger; follow air knife JSA; keep alert for pipeline backfill; employ respirators and other PPE per HASP and site conditions; stage and cover cuttings to prevent physical contact, slips/trips, or loss to environment.
6	Position drill rig and set up	Impact with parked vehicles or physical property; physical injury; pinch-points on drill rig; crushing injury; contact with overhead/ underground lines.	Employ a spotter(s) to stage drill rig over the cleared well location; replace cones, fencing, etc., used to maintain exclusion/work zone; keep hands and feet clear of rig when raising mast and adjusting drive table; position rig and ancillary equipment such that there are 2 escape routes for the drill crew. **- Do not move drilling rig with mast raised**.
7	Soil Sample Collection	Lifting Injury, cuts	Use caution handling split spoon and observe sleeves and split spoon for possible edges that could cause a serration. Do not use a knife to cut sleeves. Use buddy system when lifting coolers/core boxes.
8	Heavy Equipment operation/soil containerization	Impact with parked vehicles or physical property, physical injury, trip hazards, traffic hazards	Soil cuttings are generally containerized in 55-gal drums or a covered roll-off bin. Operation of heavy equipment for dumping into a roll-off bin should be conducted by personnel qualified in heavy equipment use. Use spotter when backing up in high traffic areas. Place roll-off bin on hard, flat surface; preferably away from parked cars or buildings. When approaching work area where shoveling soil cuttings into bucket or into drums, make sure to make eye contact with staff operating shovel. Practice good housekeeping, and pick up tools (shovels and brooms), that are not in use.
9	Well Construction/Surge Sand Pack	Lifting Hazards, line-of-fire, crushing hazards, cable line failure	Well casing will be lifted using cable wench, watch for cable as casing is being lifted into hollow stem auger. Inspect cable line for fraying. Once well emplaced, construct sand pack, use wheel barrel or buddy system to move bags of sand and bentonite to well. Surge sand pack after construction – Use caution not to damage casing by dropping surge block to bottom of well. Avoid putting hands near well during surging.
10	Well Box construction	Traffic hazards, bending lifting, cuts	Use caution when trimming casing with saw or grinder. Cut notch into north side of well casing for measuring point. Have well box set no higher than ½ inch above grade, make concrete sloped so as to avoid lips or protruding edges. Due to low profile while constructing box, have spotter direct traffic, or set up working space with cones and barricades. Leave up barricades while concrete dries to avoid trip hazards/ruining of concrete apron around well box.
11	Debris and waste management	Back and body strains/sprains, pinching or crushing injuries, regulatory constraints.	Clear the site of any trip/fall hazards. Use buddy system, dolly, and/or hand truck when moving heavy containers; label drums/roll-off bin in accordance with Work Plan and state/Federal regulations; stage containers in a safe/secure location per Site Owner, Client, and/or Project Manager directions. Secure cover of roll-off bin at the end of each work day.
12	Demobilization	Traffic hazards, sprains/strains.	Use buddy system when removing traffic control equipment and exclusion/work zone controls; confirm that debris, cuttings and wastewater are properly contained; employ safe driving procedures, as outlined in the HASP.
13	Well Development	Impact with parked vehicles or physical property; line-of-fire; physical injury; pinch-points on smeal rig; crushing injury; contact with overhead lines	Hazards associated with development are essentially identical to setting up a drill rig. Refer to steps 2, 4, 8, 11, and 12 when developing a well

Job Safety Analysis – Geoprobe Soil Gas Sampling

Field staff must review job-specific work plan and coordinate with project manager to verify that all up-front logistics are completed prior to starting work including, but not limited to, permitting, access agreements and notification to required contacts (e.g., site managers, inspectors, clients, subcontractors, etc.). Additionally, a tailgate safety meeting must be performed and documented at the beginning of each work day. Safe Performance Self Assessment (SPSA) procedures must be used during field activities. Also consider weather conditions (heat, cold, rain, lightning).

Date:	Feb 14, 2008
JSA Type:	R & T
Work Type:	Geoprobe Soil Gas Sampling
Work Site:	Former Welch's Uniform Site
Organization:	ENSR

Development Team	Position/Title	PC	Reviewed By	Position/Title	Date
Will Glenn	PM	☑		HS	4/16/06
Bruce Williams	HS	☑		AM	

Personal Protective Equipment (PPE) needed:
Hardhat; safety glasses; safety boots; hearing protection; air monitoring equipment (PID, combination meter); chemical resistant gloves; leather gloves; respirator (per HASP); protective coverall (tyvek, poly; per HASP)

No	Job Steps	Potential Hazard(s)	Critical Action(s)
1	Select and Mark boring locations	Traffic hazards, obstructions, overhead and underground installations, potential releases, dealer inconvenience	Review locations against construction drawings and known utilities, USTs, product lines, etc.; identify conflicts with Site and Project Manager; mark out boring locations on the site then contact State utility locating service for public utility clearance and obtain list of utilities contacted/responses to notice; conduct private utility locating if warranted; conduct a geophysical survey to identify subsurface obstructions if warranted; develop a Traffic Control Plan with Site Owner and agency, if required.
2	Mobilization/Inspection	Travel/traffic hazards, vehicle or physical property damage, vehicle accident, equipment failure	Employ safe driving procedures; review and employ Journey Management Plan (JMP); employ a spotter when parking or backing rig and/or trailer; do not use mobile phones while driving. Before startup, inspect rig for leaking hoses or fittings, loose connections, functional controls, proper hammer operation and travel, functional emergency shutoff, rod or sampler damage, etc.
3	Establish work/exclusion zone and traffic controls	Traffic/pedestrian hazards, vehicle accident, property damage, physical injury	Place traffic control equipment per HASP or Traffic Control Plan (use buddy system); place cones, construction fencing or caution tape to isolate the boring location.

No	Job Steps	Potential Hazard(s)	Critical Action(s)
4	Visually clear boring locations	Contact with overhead utilities and underground/at-grade utilities or structures (equipment damage, personal injury)	Cross-check plans, drawings and utility mark-outs with boring location and visible site features; confirm locations with Site Owner/Manager; visually confirm height of overhead utilities at/near boring locations.
5	Clear upper eight feet of boring with hand auger or air knife	Flying debris, sprains or strains, contact with underground or overhead utilities, property damage; slip-trip-fall, noise.	Employ a spotter to stage air knife equipment; do not use excessive force to twist or advance hand auger; follow air knife JSA; keep alert for pipeline backfill; employ respirators and other PPE per HASP and site conditions; stage and cover cuttings to prevent physical contact, slips/trips, or loss to environment.
6	Position Geoprobe and set up	Impact with parked vehicles or physical property; physical injury; pinch-points on Geoprobe; crushing injury.	Employ a spotter(s) to stage Geoprobe over boring location; replace cones, fencing, etc., used to maintain exclusion/work zone; keep hands and feet clear of rig when adjusting and raising hammer assembly.
7	Advance boring	Pinching/crushing injury, noise; repetitive motion; organic vapor exposure; nuisance dust generation; slip-trip-fall.	Inspect rods and sampler during operation-remove damaged equipment from use; keep clear of drive caps, thread connections, and sampler shoe when assembling/disassembling the tool string, advancing and withdrawing the sampler; store rods and other equipment to keep work area clear of trip hazards.
8	Construct Soil Gas Sampling probe. Ensure that tubing is perforated, and that a sand pack is emplaced surrounding the perforations. A hydrated bentonite seal should be emplaced above the sand pack. Test for surface influence using a tracer chemical (ie. helium)	Physical injury (cuts, strains, pinch-points), slip-trip-fall.	Use proper cutting tools and cut tubing away from body and any bystanders; do not use excessive force when cutting the tubing; keep work area clear of obstacles and trip hazards. Use buddy system or hand truck if moving bags of sand or bentonite around site.
9	Conduct purge volume test using 3, 7, and 10 purge volumes. Upon completion of test and calculation of optimal purge volume, collect soil gas sample at other locations using optimal purge volume.	Pinching/crushing/piercing injury; Traffic, electrical.	Soil gas samples are typically collected using syringes and a purge pump. Make sure power source to pump is adequate, and inspect power cord for frays and proper grounding. Do not run power cord through water or other liquids. Use caution in drawing soil gas sample with a syringe to avoid piercing injuries. When collecting sample, staff may be low profile, have a spotter or safety cones set up around sample collector to avoid being hit by traffic.
10	Backfill borehole	Back strain; chemical and dust exposure.	Use buddy system and proper lifting techniques (HASP) when handling containers of sealants; keep face away from top of borehole during sealant application. Use a respirator if necessary.

No	Job Steps	Potential Hazard(s)	Critical Action(s)
11	Cuttings, debris and waste water management	Back and body strains/sprains, pinching or crushing injuries, regulatory constraints.	Use buddy system, dolly, and/or hand truck when moving heavy containers; label drums in accordance with Work Plan and state/Federal regulations; stage containers in a safe/secure location per Site Owner, Client, and/or Project Manager directions.
12	Demobilization	Traffic hazards, sprains/strains	Use buddy system when removing traffic control equipment and exclusion/work zone controls; confirm that debris, cuttings and wastewater are properly contained; review and employ JMP; employ safe driving procedures.

Job Safety Analysis –

Field staff must review job-specific work plan and coordinate with project manager to verify that all up-front logistics are completed prior to starting work including, but not limited to, permitting, success agreements and notification to required contacts (e.g., site managers, inspectors, clients, subcontractors, etc.). Additionally, a tailgate safety meeting must be performed and documented at the beginning of each work day. Safe Performance Self Assessment (SPSA) procedures must be used during field activities. Also consider weather conditions (heat, cold, rain, lightning).

Date:	2/18/08
JSA Type:	R&T Operations
Work Type:	Hand Auger / Soil Sampling
Work Site:	Ameripride
Organization:	ENSR

Development Team	Position/Title	PC	Reviewed By	Position/Title	Date
William Glenn	Geologist			HS	
				AM	
Williams, Bruce	HS				

Personal Protective Equipment (PPE) needed:
Air Monitoring Equipment
Decontamination Equipment
Hard Hat
Proper Safety Vest
Protective Gloves – leather, nitrile
Safety Shoes
Safety Glasses

No	Job Steps	Potential Hazard(s)	Critical Action(s)
1	Load truck.	Lifting hazards and vehicle accident.	Utilize proper lifting techniques. Drive defensively, obtain necessary clearance, use buddy system and have communication (cell phone) readily available. Do not use cell phone while driving. Review JSA and Journey Management Plan.
2	Visual inspection of site. Look for utility mark-outs. Mark boring locations.	Slips, trips and falls. Biologic hazards due to poison ivy and insects. Damage to underground utilities.	Contact state utility agency at least 3 days prior to work. Hire private locating service for areas where state agency will not mark. Observe site and site vicinity for underground and overhead utilities. Check boring locations for potential hazards such as poison ivy, evidence of underground piping, rubble, rebar or old foundations. Mark boring locations as necessary based on potential hazards and utility locations. Positively locate known utilities coming into the site.
3	Set up work station/stations	Slip, fall and lifting hazards. Vehicle traffic hazards.	Set up work station or stations with clear walking paths to and from augering locations, use proper lifting techniques. Set up an exclusion zone with proper traffic control and barricades.

No	Job Steps	Potential Hazard(s)	Critical Action(s)
4	Begin hand augering. Place soil in buckets.	Explosion, electrocution, injury, death, and property damage. Rain, lightning, snow / ice (slip hazard), heat and cold stress. Blisters, back strain and repetitive motion hazard. Exposure to chemical hazards. Damage to or release from an underground utility.	Check local weather forecast, have a weather radio for remote sites, observe and communicate among field team members. Stop work and take shelter at first sign of lightning or thunder. Stretch before hand augering. Begin air quality monitoring in accordance with the HASP. Stand upwind to avoid exposure whenever possible. Use proper tools for hand augering and use proper lifting techniques. Proceed slowly and use caution. For clearing well locations, hand auger borings should be at least 8 feet deep. The diameter of the boring should be equal to or greater than the diameter of drill augers or geoprobe rods.
5	Clear obstructions. If boring is obstructed due to debris, use a post hole digger to remove pieces of debris.	Personal injury due to impact, vibration or repetitive motion. Exposure to chemical hazards. Damage to or release from an underground utility.	Avoid twisting and straining with hand auger. Use posthole digger to pull and remove debris that can not be removed with the hand auger. Proceed slowly and use caution. An offset handle (outward closing) style posthole digger should be used. If post hole digger does not work, use a steel spud bar to pry and dislodge debris. Do not attempt to remove objects or debris that are too large to recover with a post hole digger. If you suspect you have encountered a buried metallic object, stop work immediately and notify the site manager.
6	Complete hand augering.	Same hazards as Step 4.	Same critical actions as Step 4.
7	Remove auger flights from hole	Contact with overhead power lines.	ONLY remove the auger flights one at a time, as they were put on; do NOT pull the entire auger out of the hole at once.
8	Remove soil from hand auger bucket.	Personal injury due to misuse of tools. Exposure to contaminated soil and vapors.	Use proper tools to remove soil from hand auger bucket. DO NOT USE a KNIFE.
9	Decontaminate hand auger bucket and rods between each boring.	Exposure to contaminated soil and vapors. Cross-contamination of borings and soil samples.	Decontaminate hand auger bucket and rods between each boring with three decon buckets.
10	Transfer soil from buckets into drum. Dispose of soil cuttings in properly labeled and sealed 55-gallon drums.	Personal injury due to improper lifting technique or misuse of tools. Contact and vapor exposure to contaminants. Spillage of soils onto ground or in vehicle.	Wear impervious gloves for contact with contaminants. Use proper lifting technique when transferring soil from buckets to drums. Label drums with appropriate labels to ensure proper handling. Use a drum wrench or appropriate socket wrench and leather gloves to remove/seal drums. Following placement of soil cuttings in drum, be sure to replace container lids using leather gloves and proper tools. Use a drum dolly whenever moving drums.
11	Personal decontamination	Contaminant contact	Rinse off excess soil and contaminant from boots, then gloves. If wearing Tyvek, roll it inside out. Then remove and bag outer gloves. Wash hands with soap and water. Follow with hand and face wipes if necessary.
12	Demobilize and return to office	Lifting hazards, traffic, driving.	Proper lifting techniques. Secure all equipment in vehicle. Follow the driving JSA and JMP. Use “4 second rule.”

Job Safety Analysis – Site Removal of Unauthorized Personnel

Field staff must review job-specific work plan and coordinate with project manager to verify that all up-front logistics are completed prior to starting work including, but not limited to, permitting, access agreements and notification to required contacts (e.g., site managers, inspectors, clients, subcontractors, etc.). Additionally, a tailgate safety meeting must be performed and documented at the beginning of each work day. Safe Performance Self Assessment (SPSA) procedures must be used during field activities. Also consider weather conditions (heat, cold, rain, lightning).

Date:	2/17/08
JSA Type:	Site Visit
Work Type:	Any
Work Site:	
Organization:	ENSR

Development Team	Position/Title	PC	Reviewed By	Position/Title	Date
William Glenn	Geologist	☑	Sanders, Joe	HS	
Jeff Otter	Project manager	☑			

Personal Protective Equipment (PPE) needed:
Work Boots - Steel toe/ leather
Orange Safety Vest
Safety Glasses

No	Job Steps	Potential Hazard(s)	Critical Action(s)
1	Arrive on site	• Traffic	o Park onsite away from traffic flow o Perform tailgate meeting and review hospital location from HASP
2	Site evaluation/ walk around	• Slips, Trips, and Falls • Sidewalk/ Street Traffic • Vagabonds/Homeless	o Wear traffic vest for visibility o Watch for trip hazards (piping, dirt holes, etc.) and hidden debris (glass bottles, metal objects, etc,) o Watch for street traffic, use cross walks and make eye contact whenever performing work around vehicles. If work is in heavy traffic, utilize a traffic control company to isolate work area and reroute traffic to create a safe buffer around work zone. o Unless otherwise required, stay in low flow/ no flow traffic area to minimize exposure to vehicle traffic. o Scan the site for signs of occupation by homeless or vagabonds such as tent like structures, sheds, hanging clothing, shopping carts with items. o If Homeless personnel or vagabonds are identified residing in the site or at locations where work is to take place, take stock of how many may be present and the general mood of the individual(s). If aggressive, or an uncomfortable situation, notify authorities to assist in removal. Otherwise, inform them that, "**We are going to be performing work in this area, and your presence here will interfere in our work schedule. Can you please vacate the area promptly or the authorities will be notified to remove you from this private property**." o Depending on response from individual(s), the authorities should be contacted if they are taking too long to vacate or become belligerent. o At no time should you try to remove the individuals yourself or engage in arguing.

No	Job Steps	Potential Hazard(s)	Critical Action(s)
3	Officer Notification	•	o If the authorities are notified, relay that you are a subcontractor working on the behalf of the site owner and have noticed that several homeless have taken up residence in the area you need to access and do not feel comfortable asking them to leave on your own. o Take note of how many homeless, their approximate age, gender, and appearance may be onsite. o Give the officer your site address information, phone number and site owner contact information in case they need it. o Let the authorities know what vehicle you may be driving and where you can meet. o When the officer arrives, escort them to the area that the homeless were last seen.
4	Perform job tasks	• See individual JSA	o Once homeless have left or been escorted out, perform job tasks. o Be vigilant for homeless that may want to return. Never leave vehicle unlocked in unsecured areas! o If gate has lock, use the chain and lock to secure site to prevent unauthorized entry.
5	Leave from site	• Site Security	o Secure gate and close locks at end of day

Job Safety Analysis –Soil Vapor Probe Sampling

Field staff must review job-specific work plan and coordinate with project manager to verify that all up-front logistics are completed prior to starting work including, but not limited to, permitting, access agreements and notification to required contacts (e.g., site managers, inspectors, clients, subcontractors, etc.). Additionally, a tailgate safety meeting must be performed and documented at the beginning of each work day. Safe Performance Self Assessment (SPSA) procedures must be used during field activities. Also consider weather conditions (heat, cold, rain, lightning).

Date:	February 1, 2008
JSA Type:	R & T
Work Type:	Soil Vapor Probe Sampling
Work Site:	AmeriPride
Organization:	ENSR

Development Team	Position/Title	PC	Reviewed By	Position/Title	Date
Will Glenn	PM	☑	Joseph Sanders	HS	2/5/08
Bruce Williams	HS			AM	

Personal Protective Equipment (PPE) needed:
Hardhat; safety glasses; steel-toe boots; air monitoring equipment (PID, combination meter); chemical resistant gloves; leather gloves; respirator (per HASP); protective coverall (tyvek, poly; per HASP)

No	Job Steps	Potential Hazard(s)	Critical Action(s)
1	Mobilization/Inspection	Travel/traffic hazards, vehicle or physical property damage, vehicle accident, equipment failure	- Before startup, inspect rig/vehicle for defects - Review and employ Journey Management Plan (JMP) - Employ safe driving procedures - Employ a spotter when parking or backing rig and/or trailer - Do not use mobile phones while driving - Chock wheels of trailers, rig, and vehicles per HASP - Inspect all meters and check to make sure they are charged and have all necessary components (calibration gas, etc.) - Review equipment checklist to ensure all sampling related equipment is loaded into vehicle and secured (such as coolers, bottle ware, PPE, traffic control devices, etc.)
2	Establish work/exclusion zone and traffic controls	Traffic/pedestrian hazards, vehicle accident, property damage, physical injury	- Place traffic control equipment per HASP or Traffic Control Plan (use buddy system) - Place cones, construction (snow) fencing, or caution tape around work zones and sampling locations. - Chock wheels when using vehicle battery for power through a converter

3	Visually clear sampling locations	Potential vapor releases, slips/trips/falls, pinch-points, contact with soil vapors.	- Review locations against site plan - Identify setup location of field equipment - Identify hazards using cones, delineators, spray paint or other method (i.e. rebar, sharp objects, etc.) - Calibrate photo-ionization detector and monitor for breathing space. - Hand safety per HASP
No	**Job Steps**	**Potential Hazard(s)**	**Critical Action(s)**
4	Setup field equipment	Pinch-points, slips/trips/falls, strains and sprains, equipment failure, lacerations	- Proceed to setup field equipment per step 3 - Follow Work Plan procedures. - Maintain a clear travel path from sampling location to exit. - Be sure all electrical equipment is shut off before plugging into outlets or vehicle battery. - If possible, obtain a downwind location a fair distance from combustion sources (such as running vehicles or portable generators) to sample location.
5	Conduct purge volume test using 1, 3, and 7 purge volumes. Upon completion of test and calculation of optimal purge volume	Pinching, crushing, piercing injury, Traffic, electrical.	- Collect sample using syringes and purge pump. - Check adequacy of power source to pump, inspect condition of power cord - Do not run power cord through water or other liquids. - Use caution in drawing soil gas sample with a syringe to avoid piercing injuries. - Be aware of hand placement (crushing hazard) and use buddy system when placing helium containment vessel for leak gas testing. Secure helium tank to avoid puncture or damage to tank. - Collecting sample, visibility issues, have a spotter or safety cones around work zones.
6	Collecting Soil Vapor Sample at optimal purge volume	Pinch-points, lacerations (over tightening valves), strains and sprains, equipment failure (ie. exploding Tedlar bags), potential vapor release	- Monitor breathing space with FID/PID - Setup tedlar bag or Summa Canister with tubing and connect orifices to vacuum pump. **Never leave the sampling equipment unattended to avoid overfilling tedlar bags or completely filling summa canisters** (summa should always retain a small amount of vacuum). - Plug electrical equipment into power source, and check all connections before turning on power - Shut off all electrical power once sample is collected - Log collection times and ending vacuums in field book. - Collect FID/PID Readings
7	Demobilization	Traffic hazards, sprains/strains	- Use buddy system when removing traffic control equipment and exclusion/work zone controls; confirm that debris, cuttings and wastewater are properly contained. Secure equip. on truck. - Review and employ JMP; employ safe driving procedures for return trip.

Appendix J

Permits

Appendix C

Quality Assurance Project Plan

Prepared for:
AmeriPride Services Inc.
10801 Wayzata Boulevard
Minnetonka, Minnesota 55305

Quality Assurance Project Plan (QAPP) Additional Site Characterization and Baseline Health Risk Assessment Workplan Former Welch's Uniform Facility 3505 Pasadena Avenue Los Angeles, California

Prepared By: William Glenn, PG

Susan Milcan for

Reviewed By: Susan Milcan

Reviewed By: Jeffrey Otter, PE

ENSR Corporation
February 2008

Contents

1.0 Introduction 1-1

1.1 Site Description 1-3

1.2 Site History 1-3

2.0 Project Management Elements 2-1

2.1 Project Organization and Responsibilities 2-1

2.2 Quality Assurance Objectives for Measurement 2-1

2.2.1 Data Quality Objectives 2-1

2.2.2 Analytical Data Quality Levels 2-2

2.2.3 Definition of Criteria 2-3

3.0 Data Generation and Acquisition 3-1

3.1 Sampling Procedures 3-1

3.1.1 Sampling Methods 3-1

3.1.2 Sample Preservation and Holding Times 3-1

3.1.3 Sample Labeling 3-1

3.1.4 Decontamination Procedures 3-1

3.1.5 Field Documentation 3-1

3.1.6 Corrections to Documentation 3-2

3.2 Sample Custody 3-2

3.2.1 Field Custody Procedures 3-2

3.2.2 Chain-of-Custody Forms 3-3

3.2.3 Custody Seals 3-3

3.2.4 Laboratory Custody Procedures 3-3

3.3 Calibration Procedures 3-3

3.3.1 Field Equipment 3-3

3.3.2 Laboratory Equipment 3-4

3.4 Analytical Procedures 3-4

3.5 Internal Quality Control 3-5

3.5.1 Performance and Systems Audits 3-6

3.6 Preventive Maintenance 3-6

4.0 Corrective Procedures and Reporting 4-1

4.1 Corrective Procedures 4-1

4.2 Reports to Management 4-1

5.0 Data Validation and Usability 5-1

5.1 Data review, verification, and validation 5-1

5.2 Field data 5-1

5.3 Internal laboratory review 5-1

5.4 Validation of analytical data 5-1

5.5 Verification and validation methods 5-2

5.5.1 Field data verification 5-2

5.5.2 Laboratory data verification 5-2

5.5.3 Validation of analytical deliverables 5-3

5.5.4 Verification during data management 5-3

5.6 Quality Assurance Reports 5-3

6.0 References 6-1

Table of Contents (continued)

List of Tables

Table 1 Summary of Sampling Analyses and Preservation Requirements – Soil Vapor and Soil Matrix

Table 2 List of Method Detection and Reporting Limits – Soil Gas Analyses

Table 3 List of Method Detection and Reporting Limits – Soil and Water Analyses

Table 4 List of Control Limits – Soil Water Analyses

Table 5 List of Control Limits – Soil Analyses

Table 6 List of Control Limits – Soil Gas Analyses

LIST OF ACRONYMS

A2LA	American Association of Laboratory Accreditation
CA DHS ELAP	California Department of Health Services Environmental Laboratory Accreditation Program
CAM	California Assessment Manual
CoC	chain-of-custody
COPCs	contaminants of potential concern
DOT	Department of Transport
DQA	data quality assessment
DQOs	data quality objectives
DTSC	Department of Toxic Substances Control
ECI	Ecology Control Industries
EDD	electronic data deliverable
EM	electromagnetic induction
FID	flame ionization detector
FSP	Field Sampling Plan
GC/MS	gas chromatography/mass spectrometry
GPR	ground-penetrating radar
HVAC	heating, ventilation and air conditioning
IDL	instrument detection limit
IDWs	investigation-derived wastes
LARWQCB	Los Angeles Regional Water Quality Control Board
LCS	laboratory control sample
LIMS	laboratory information management system
MDL	method detection limit
µg/kg	micrograms per kilogram
µg/L	micrograms per liter
mg/kg	milligrams per kilogram
mg/L	milligrams per liter
MS	matrix spike
MSD	matrix spike duplicate
NCM	non-conformance memorandum
NCR	Non-Conformance Report
ND	non detect
NIST	National Institute for Standards and Technology
OCPs	organochlorine pesticides
OVAs	organic vapor analyzer
PCBs	polychlorinated biphenyls
PEA	Preliminary Environmental Assessment
PID	photo-ionization detector
ppb v/v	parts per billion volume/volume
QA	quality assurance
QAOs	quality assurance objectives
QAPP	Quality Assurance Project Plan
QASRs	Quality Assurance Summary Reports
QC	quality control
RL	reporting limit
RPD	relative percent difference
RSD	relative standard deviation
SOPs	standard operating procedures
SRMs	standard reference materials

LIST OF ACRONYMS (continued)

SVOCs	semi-volatile organic compounds
TEPH	total extractable petroleum hydrocarbons
TPH	total petroleum hydrocarbons
TVPH	total volatile petroleum hydrocarbons
USCS	Unified Soil Classification System
USEPA	United States Environmental Protection Agency
UST	underground storage tank
VOA	volatile organic analysis
VOCs	volatile organic compounds

1.0 Introduction

The purpose of this Quality Assurance Project Plan (QAPP) is to enumerate the quality assurance and quality control objectives, and the organizational and functional activities associated with the procedures for sample collection and analysis at the Former Welch's Uniform Facility (Ameripride) located at 3505 Pasadena Avenue in Los Angeles, California.

Section 1: Introduction

The Quality Assurance Project Plan (QAPP) outlines quality assurance (QA) and quality control (QC) procedures for field activities, laboratory analytical testing and data management, and the Field Sampling Plan (FSP) describes field activities, including specific sample handling procedures. The SSA Workplan (ENSR 2008) addresses sample collection procedures and sample handling protocol. The QAPP was prepared in accordance with the following United States Environmental Protection Agency (USEPA) guidance for developing QAPPs: USEPA Requirements for Quality Assurance Project Plans (EPA QA/R-5) (EPA 240/B-01/003) (USEPA, 2001) and EPA Guidance for Quality Assurance Project Plans (EPA QA/G-5) (EPA 240/R-02/009) (USEPA, 2002). Also included in this section is a site description, a summary of the site history, a summary of the potential environmental issues associated with the site, and a description of the tasks to be completed.

Section 2: Project Management Elements

Documents that the project has a defined goal and that participants in site activities understand the goal and the approach to be used. Section 2 includes the following subsections:

Project Organization and Responsibilities

Identifies key project personnel and responsibilities and establishes the project organization.

Quality Assurance (QA) Objectives for Measurement

Identifies the purposes for which the data will be used, and discusses data quality objectives in terms of precision, accuracy, representativeness, and completeness.

Section 3: Data Generation and Acquisition

Addresses aspects of data generation and acquisition to ensure that appropriate methods for sampling, measurement and analysis, data collection or generation, data handling, and quality control (QC) activities are employed and documented. Section 3 includes the following subsections:

Sampling Procedures

Describes the numbers and types of samples required to achieve the project goals, identifies sampling locations and frequencies, and lists sample matrices and measurement parameters of interest. Presents field sampling methods, including brief descriptions of sample collection and equipment decontamination procedures. Identifies sample containers, volumes, and preservation requirements and maximum holding times to sample extraction and/or analysis.

Sample Custody

Establishes procedures for maintaining sample custody in the field, during transport, and at the laboratory. Provides examples of sample labels and sample custody logs.

Calibration Procedures

Provides information regarding the calibration of field and laboratory equipment.

Analytical Procedures

Identifies the laboratory analytical methods to be used for laboratory analysis of soil and groundwater samples.

Internal Quality Control

Enumerates the types of quality control samples (e.g., blanks, duplicates, spikes) that will be used to evaluate laboratory data.

Performance and Systems Audits

Establishes procedures for conducting audits of field sampling procedures, and the frequency with which the audits will be conducted.

Preventive Maintenance

Describes a schedule for the preventive maintenance tasks to be performed to minimize downtime of field and laboratory equipment, and references the relevant owner's manuals for field equipment.

Section 4: Assessments and Oversight

This section defines the procedures that will be used to ensure that the QAPP has been implemented as prescribed.

Specific Routine Procedures Used to Assess Data

Establishes random field audits and audits of data quality. Evaluates whether the data collected are meeting project Data Quality Objectives (DQOs).

Corrective Actions

Lists corrective actions that may be taken (e.g., resampling, reanalyzing, etc.) to rectify data that do not meet QA specifications, based on audit results.

Reports to Management

Identifies a system for relaying information from field personnel to appropriate QA decision makers (field forms or logbook notes, etc)

Section 5: Data Validation and Usability

Describes the procedures to be followed after the data collection phase is completed. Section 5 includes the following subsections:

Data Management

States the criteria used to review and validate (accept, reject, or qualify) data in an objective and consistent manner. Identifies laboratory qualifiers.

Quality Assurance Reports (Reconciliation with User Requirements)

Presents the general format for laboratory data reports. Identifies the method to be used to report the performance of laboratory measurement systems and data quality. Describes how limitations on the use of the data will be reported to decision makers.

This document has been prepared in accordance with QAPP guidance found in the following U.S. EPA publications:

- *EPA Quality Manual for Environmental Programs,* EPA Order 5360, May 2001;
- *EPA Guidance for Quality Assurance Project Plans*, EPA QA/G-5, 1998; and,
- *EPA Requirements for Quality Assurance Project Plans*, EPA QA/R-5, March 2001.

1.1 Site Description

The Site is a 2.6 acre property located at 3505 Pasadena Avenue in Los Angeles, California. Currently, the property is a vacant lot owned by AmeriPride. Previously, the property was owned and occupied by Welch's Uniform Rental Company, which operated a commercial uniform laundry and rental service facility from approximately 1920 until 1988. Business activities associated with the facility included receiving, sorting, aqueous cleaning, dry cleaning, tailoring, pressing, and shipping of work uniforms, linens, and towels to industrial and commercial businesses, schools, and hospitals. Hazardous materials stored and handled at the facility included petroleum hydrocarbon based dry cleaning solvents (Stoddard, methyl ethyl ketone), chlorinated dry cleaning solvents (PCE), gasoline and diesel for motor vehicle fleet fueling, and fuel oil for boiler operation. The site is listed on the HAZNET database (as the American Linen Supply Company at 3505 Pasadena Avenue) for the generation of aqueous solutions containing oxygenated solvents (acetone, methyl ethyl ketone, ethyl acetate, etc.).

Results of past environmental site assessments conducted at the site indicate that soil and groundwater are affected with volatile organic compounds (VOCs), including perchloroethylene (PCE), trichloroethylene (TCE), cis-1,2-dichloroethylene (cDCE), and petroleum hydrocarbons associated with the dry cleaning solvents, boiler fuel, and motor vehicle fuels once stored and used in the laundering operations conducted at the former facility.

2.0 Project Management Elements

2.1 Project Organization and Responsibilities

The ENSR project team was selected to provide the specific technical and management capabilities and qualifications required by the project. The ENSR Project Manager is Jeff Otter, The Project QA Officer is Susan Milcan, the Project Health and Safety Officer is Joe Sanders, and the Project Field Operations Manager is William Glenn.

2.2 Quality Assurance Objectives for Measurement

Data from the Workplan Investigation will be used to characterize subsurface geochemistry. The characterization will in turn aid in the selection of appropriate remedial alternatives should the need arise. The goal of this section is to lay the framework by which all work will be evaluated by:

- Precision
- Accuracy
- Representativeness
- Completeness

The following specifies the data quality objectives (DQOs) for each of these parameters. Precision is a measure of the reproducibility of analyses under a given set of conditions. For field work conducted by ENSR, sample precision in field activities is monitored by adherence to procedures delineated in sampling plans and supported by the analytical results of field duplicates.

Accuracy is a measure of the bias in a measurement system. Accuracy is primarily measured by laboratory analysis. Accuracy is measured as a function of analytical activities using matrix spike/matrix spike duplicate samples, laboratory control samples, and surrogate spikes. The accuracy required for this project is typical of site investigation projects. Thus, the standard laboratory acceptance limits used during the time-frame of the previous investigations were set for measurements of accuracy for this project.

Representativeness is the degree to which sampling data accurately and precisely represents site characteristics. For field work conducted by ENSR, representativeness is incorporated into the rationale for sample locations and the methodology for sample collection. Sample numbers and locations are selected with regard to historic activities, potential chemical impact, known chemical impact, and environmental characteristics.

Completeness is a measure of the amount of valid data obtained from a measurement system compared to the amount that could be expected to be obtained under “normal” conditions. The proposed sampling plan was prepared with completeness on the first mobilization being the primary objective. Should the data gained from the first mobilization be determined incomplete, a remobilization will be proposed in manner that will impact the agreed project schedule the least.

2.2.1 Data Quality Objectives

The DQO process involves seven steps, and development of DQOs is an iterative process.

State the Problem. The DQO process begins with a concise statement of the problem that requires environmental data to evaluate. All soil and soil gas data as part of the Workplan will be validated as part of this effort as requested by DTSC.

Identify the Decision. The second step in the DQO process is to define the decisions to be made using the data generated. The data collected and validated under this project will be used to support a health risk assessment and a request for a no further action decision.

Identify the Inputs to the Decision. The third step in the DQO process is to identify the informational inputs or criteria that will be required to resolve the decision statement, and which inputs require environmental measurements. The data to be collected, i.e., TPH, VOC, SVOC, metals and OCPs are required to assess the subsurface soils, and to ensure that soils are tested for all contaminants of potential concern (COPCs) which are associated with historical and current activities at the Site. In addition, a soil gas investigation will be performed in various Areas of Concern as detailed in the Workplan document.

Define Boundaries of the Study. The fourth step in the DQO process specifies the spatial and temporal considerations that affect the decision. For this project the Site boundaries as shown in the Workplan define the spatial boundaries.

Develop a Decision Rule. The fifth step in the DQO process integrates outputs from the previous steps to create a single statement that describes the logical basis for choosing alternative actions. Validated data from the proposed WORKPLAN investigation will be used to calculate the heath risk and hazards at the Site. If the results of the SSA risk assessment provide data to support a request for no further action, this resolution will be made.

Specify Limits on Decision Errors. The sixth step in the DQO process specifies acceptable limits for decision errors used to establish appropriate performance goals for limiting uncertainty in the data. Except for the soil gas data, a judgmental approach rather than a statistical approach to selecting sampling points will be used. Analytical data of known quality will be produced in accordance with the requirements in this QAPP.

Optimize the Design for Obtaining Data. The overall goal of the DQO process is to define the data needs of the data user. The Workplan prepared by ENSR dated February 2008 provides a detailed discussion of the data needs and uses for all the sampling locations at the site. The current project has been designed to provide all the data needed for a final decision.

2.2.2 Analytical Data Quality Levels

In the Data Quality Objectives Process for Superfund (EPA/540/R-93/071) (USEPA, 1993), USEPA identified screening level data and definitive level data. These data categories are associated with the type of site, the level of precision and accuracy required, and the intended use of the data; that is, the type of data to be generated depends on the qualitative and quantitative DQOs developed for the project. The two levels of analytical data are described as follows:

Screening Data

Screening data are generated by rapid, less precise methods of analysis with less rigorous sample preparation. Screening data provide analyte identification and quantification, although the quantification may be approximate. Screening methods are conducted using field equipment such as thermometers; flame ionization detectors (FIDs); and photo-ionization detectors (PIDs). Screening data are used during site assessment, and other field projects to provide real time data concerning the site conditions. Examples of supporting data include:

- Evaluation of VOC concentrations in the soil gas using PID or FID.

Screening data may be confirmed using analytical methods and QA/QC procedures associated with definitive data. Screening data without associated confirmation data are not considered to be data of known quality.

Definitive Data

Definitive data are generated using analytical methods, such as approved USEPA reference methods. Definitive data are analyte-specific, with confirmation of analyte identity and concentration. Methods produce tangible raw data (e.g., chromatograms, spectra, and digital values) in the form of paper printouts or computer-generated electronic files. For data to be definitive, either analytical or total measurement error must be determined.

Valid data are defined as results generated when the instrument and quality controls are within the designated limits. Data validation procedures are designed to identify valid data and to assign qualifiers that indicate limited usability of the data or other data.

The usability of data collected during a site investigation depends on data quality. A number of factors relate to the quality of data. Sample collection methods are as important as the methods used for sample analysis. Following standard operating procedures (SOPs) for both sample collection and analysis reduces sampling and analytical error. Completion of CoC records and adherence to required sample preservation techniques, holding times, and proper shipment methods ensure sample integrity. Obtaining valid and comparable data also requires adequate QA/QC procedures and documentation, as well as established detection and control limits.

2.2.3 Definition of Criteria

Quality criteria address the following data characteristics: accuracy, precision, completeness, representativeness, and comparability.

Accuracy

Accuracy is the level of agreement of a measurement or average of measurements with an accepted reference or "true" value, and represents a measure of bias in the analytical system. Accuracy includes components of random error (variability due to imprecision) and systematic error. Accuracy of the data will be assessed and controlled with the analysis of matrix spike (MS), laboratory control sample (LCS), and surrogate spikes. Spike recoveries will be calculated and compared to pre established acceptance limits.

For surrogate compounds and LCSs, a database of percent recovery is collected. The calculation formula for percent recovery is:

$$\%R = \frac{(C_a - C_s)}{C_c} \times 100$$

Where: $\%R$ = Percent Recovery
C_a = Measured concentration of added spiked aliquot
C_s = Measured concentration of unspiked aliquot
C_c = Actual concentration of spike added

Each laboratory has developed their acceptance limits. Recoveries outside the established limits indicate some assignable cause, other than normal measurement error, and possible need for corrective action. This may include reanalysis of the QC sample, recalibration of the instrument, reanalysis of the samples in the batch, or qualifying the data set as suspect, if the anomaly cannot be resolved.

For matrix spikes the assignable cause for recoveries outside acceptable limits may be, and often is, due to matrix interferences. Acceptable analytical system performance will be demonstrated by analysis of an LCS. If a matrix effect is confirmed by acceptable performance on the LCS, the MS/MSD data will be flagged.

Blanks make up another group of QC checks that address measurement bias. Instead of assessing and controlling overall accuracy, field and laboratory blanks will be used to control bias due to sample contamination and to assess the extent to which this source of bias impacts the results. Since sample contamination generally occurs at relatively low levels, the effects of contamination are most pronounced in terms of relative error for low concentration samples.

Method blanks will be used to check for contamination introduced during sample preparation and analysis. Blanks are typically considered acceptable when the results are less than the reporting limit (RL) for the constituent.

Field blanks will be used primarily to assess the overall magnitude and extent of cross contamination. Cross contamination introduced during sample collection may be estimated from the difference between field and laboratory blank results. Some types of field blanks, such as equipment blanks, will be used primarily in a qualitative role.

Precision

Precision is a measure of mutual agreement among individual measurements of the same property under prescribed similar conditions.

Precision will be based upon replicate analyses (replication), control sample analyses (repeatability), and results of duplicate field samples (sampling replication). Discretely sampled field duplicates are useful in determining sampling variability. Field sample duplicates shall be used as a quality control measure to monitor precision relative to sample collection activities. Analytical precision shall be evaluated by using LCS and LCS duplicates, or by using matrix spike or matrix duplicate samples.

Precision is expressed as Relative Percent Difference (RPD). RPDs must be compared to the pre established limits. Precision of duplicates or replicates may be influenced by the sample heterogeneity. High RPDs (i.e., imprecision) are expected as sample and duplicate concentrations approach the RL.

Quality control procedures represent the primary mechanism for evaluating measurement data variability or precision. Replicate analyses will be used to define analytical replicability, while results from replicate samples may be used to define the total variability of the sampling/analytical system.

Control limits for control sample analyses, acceptability limits for replicate analyses, and response factor agreement criteria are based upon precision in terms of the relative standard deviation (RSD) or RPD. The standard deviation is a measure of the average value of individual observations from the mean. It is usually denoted “s” and defined as:

The RPD between the matrix spike and matrix spike duplicate, or sample and sample duplicate in the case of some of the inorganic parameters, and field duplicate pair is calculated to compare to precision objectives (Section A.7.2 of this QAPP). The RPD will be calculated according to the following formula.

$$RPD = \frac{(Amount\ in\ Sample\ 1 - Amount\ in\ Sample\ 2)}{0.5\,(Amount\ in\ Sample\ 1 + Amount\ in\ Sample\ 2)}\,x\,100$$

Failure to achieve precision objectives may result in the associated data be qualified and limitations placed upon its use.

Completeness

Completeness is a measure of the amount of valid data obtained from a measurement system compared to the amount expected to be obtained under normal conditions. Completeness is a measure of the amount of valid data obtained from a measurement system compared to the amount that was expected to be obtained under normal conditions. "Normal conditions" are defined as the conditions expected if the sampling plan was implemented as planned. Field completeness is a measure of the amount of valid samples obtained during all sampling for the project. The field completeness objective is 90 percent.

Completeness is the ratio of the number of valid sample results to the total number of samples analyzed with a specific matrix and/or analysis. Following completion of the analytical testing, the percent completeness will be calculated by the following equation:

$$Completeness = \frac{(number\ of\ valid\ measurements)}{(number\ of\ measurements\ planned)} x 100$$

Failure to meet the completeness objective will require an assessment to determine if the missing or invalid data are critical to achieving the project objectives. Corrective actions may include resampling or re-analysis, depending on the type of problem, logistical constraints, etc.

For analyses to be valid, the sample must arrive at the laboratory intact, properly preserved, in sufficient quantity to perform the requested analyses, and accompanied by a completed chain of custody. Furthermore, the sample must be analyzed within the specified holding time and in such a manner that analytical QC acceptance criteria are met.

Completeness involves field and laboratory documentation, whether all samples and analyses specified in the Statement of Work were processed, and whether the procedures specified in the QAPP and laboratory SOPs were implemented.

Representativeness

Representativeness is a term used to express the degree to which data accurately and precisely portray a characteristic of a population, parameter variations at a sampling point, a process condition, or an environmental condition. Representativeness is a function of sampling strategy; therefore, the sampling scheme should be designed to maximize representativeness.

Comparability

Comparability represents the confidence that a data set can be compared to another data set measuring the same sample property. Comparability is provided through the use of established and approved sample collection techniques and analytical methods, consistency on the basis of analysis (e.g., wet weight, and volume), consistency in reporting units, and analysis of standard reference materials (SRMs).

Data comparability will be achieved by using standard units of measure such as micrograms per kilogram (µg/kg) in soil samples, and parts per billion volume/volume (ppb v/v) in vapor samples.

The use of standard, published methods to analyze samples (e.g., USEPA Methods), along with instruments calibrated using SRMs that are traceable to National Institute for Standards and Technology (NIST), USEPA, or other standards, and also provides for comparability.

Sensitivity

Sensitivity of analytical data is demonstrated by the laboratory reporting limits. The target reporting limits for the constituents to be analyzed are presented in Tables 2 and 3. The list of recovery limits and relative percent difference limits are presented in Tables 4, 5, and 6. These tables also contain the Project Action Levels (PALs). The reporting limit is either derived from the low standard in the calibration curve or from the laboratory's most recent detection limit study results to report analytical results.

Alternative analytical methods will be evaluated if the need arises, and the QAPP will be amended, if necessary.

3.0 Data Generation and Acquisition

Outlined in this section are the procedures for sample preservation and storage and for documentation of sampling actions, which will be followed to assure data quality.

3.1 Sampling Procedures

3.1.1 Sampling Methods

During confirmation sampling process, soil samples will be collected. Sample collection will be conducted in a manner to minimize the risk of cross-contamination of samples and to preserve the integrity of samples. All samples will be collected using dedicated equipment. A brief summary of sampling techniques is presented below. Soil sampling procedures are presented in the Workplan.

The frequency of soil sampling will be as specified in the Workplan. Field personnel will wear disposable gloves (clean gloves for each sample) and will pack an appropriate volume of soil into each container (**Table 1**). Proposed sampling locations are provided in the Workplan Table 1.

3.1.2 Sample Preservation and Holding Times

Soil samples will be stored in an ice-filled, insulated container chilled to approximately 4º C until they can be delivered by person or courier to the laboratory for analysis. Sample container, preservative, and holding times for each analyte are presented in **Table 1**.

3.1.3 Sample Labeling

Samples will be labeled prior to collection at the sampling location. Sample labels will indicate the well or boring name and number, sample depth (for soil samples only), the requested analysis, the date and time of collection, and any pertinent comments, such as the type of preservative used for the samples, etc. After labeling, the samples will be logged on the chain-of-custody forms.

Laboratory-prepared VOA vials containing methanol and sodium bisulfate preservation/extraction solutions will be utilized for EPA Method 5035 collection of VOC and TPH-g containing soils. The laboratory will document the tare weight of each VOA with extraction solution prior to shipment and use to enable it to determine the net weight of the collected sample upon receipt at the lab.

3.1.4 Decontamination Procedures

If non-dedicated sampling equipment is used (not recommended or proposed) it will be decontaminated prior to use on site and in between sampling locations using the following procedures:

- Wash with a low alkaline, low trisodium phosphate (TSP) detergent solution
- Tap water rinse
- Distilled water rinse

Personnel decontamination is specified in the Health and Safety Plan (HASP).

3.1.5 Field Documentation

All sampling activities will be documented on ENSR Field Note Sheets to be submitted at the end of each field assignment to the project manager. The following information will be included in the daily documentation:

- Date of Field Activities
- Starting Time
- Meteorological Conditions
- Field Personnel Present
- Level of Personal Protection
- Site Identification
- Field Observations/Parameters (observations of soil should be written on soil boring logs)
- Sample Identification Numbers
- Location and Description of Sampling Points
- Number of Samples Collected
- Time of Sample Collection
- Observation of Sample Characteristics
- Photo Log
- Deviations from the Workplan

3.1.6 Corrections to Documentation

Original data recorded in field sheets, chain-of-custody records, and other forms will be written in waterproof ink and on Write in the Rain® Paper. None of these documents will be altered, destroyed, or discarded, even if they are illegible or contain inaccuracies that require a replacement document. If an error is made on a document compiled by one individual, that individual will make the correction by crossing a line through the error, entering the correct information, and initialing and dating the change. The erroneous information will not be removed or obliterated. Any subsequent error(s) discovered on a document will be corrected by the person discovering the error. All corrections will be initialed and dated. As an example for field notes:

- SB-1 boring completed depth to sand is 35 bgs.

3.2 Sample Custody

Sample custody procedures are designed to comply with U.S. EPA requirements for sample control. Stringent chain-of-custody procedures will be followed to maintain and document sample possession, beginning at the time of sampling and continuing through transport, sample receipt, preparation, analysis and storage, data generation and reporting, and sample disposal.

3.2.1 Field Custody Procedures

Samples collected during a site investigation are the responsibility of identified persons from the time they were collected until they or their derived data are incorporated into the final report. Custody is maintained if the samples are:

- In the possession of the custodian
- Within plain view of the custodian after being in possession
- Inside an insulated container or other appropriate container within plain view of the custodian after being in possession
- Inside any locked space, such as a locker, car, truck, or storage room, to which the custodian has the only immediately-available key(s)
- In a designated secure area

3.2.2 Chain-of-Custody Forms

Chain-of-custody (COC) forms will be used to document sample possession, and will be completed to the fullest extent possible prior to sample shipment. COCs will include the following information:

- Unique sample identification
- Date and time of sample collection
- Source of sample (including type of sample and site identification)
- Requested analyses and preservatives
- Numbers/ types of containers
- Sampler name(s)
- Custody transfer signatures and dates and times of sample transfer from the field to transporters and to the laboratory
- Any key factors that may affect the sample quality
- Name and address of the receiving laboratory

The forms will be filled out in a legible manner using waterproof ink and will be signed by the sampler. Samples will always be accompanied by a chain-of-custody record. When transferring samples, the individuals relinquishing and receiving them will sign, date and note the time on the record. A separate custody record will accompany each sample container. A copy of the custody record will be retained by the field sampler and filed either at the end of the sampler's shift or the beginning of his/her next shift if he/she couriered the samples to the lab.

Samples will be logged onto COC forms before the samples are placed in iced insulated containers. COCs will be checked for completeness by the Project Manager. Under no circumstances will anyone other then the sampler and Project Manager be permitted to open an insulated container that is not assigned to him/her without requesting approval from the ENSR field person first. From the moment each sample is collected until it is submitted to the laboratory it remains the responsibility of the ENSR field person assigned to collect it. If any employee is scheduled to a short shift all samples in his/her possession must be signed over to either the Project Manager or another ENSR field person before they can leave the site, at which time either the Project manager or another ENSR field person verifies all documentation is complete and assumes responsibility of the samples.

Samples will be transported to the laboratory by either ENSR personnel or laboratory personnel. Upon receipt of the samples at the laboratory, the laboratory will inventory the samples, note any discrepancies, complete the custody form, and if appropriate/necessary, contact the ENSR Project Manager.

3.2.3 Custody Seals

Custody Seals will not be used due to the level of control imposed upon sample collection.

3.2.4 Laboratory Custody Procedures

Procedures ensuring internal laboratory custody will be implemented and documented by the laboratory. While in the laboratory, samples will be stored in limited-access, temperature-controlled areas.

3.3 Calibration Procedures

3.3.1 Field Equipment

Field equipment will be calibrated and operated in accordance with manufacturers' instructions. Calibration will occur prior to use in the field (at least once daily). The specific field equipment to be used and operational procedures are presented in the Workplan.

3.3.2 Laboratory Equipment

Laboratory calibrations will be performed as specified in the individual Quality Assurance Manual and Standard Operating Procedures (SOPs) developed by the laboratory. Precision and accuracy data will be regularly examined for trends and excursion beyond control limits to determine evidence of instrument malfunction. Maintenance will be performed when an instrument begins to change, as indicated by the degradation of peak resolution, a shift in the calibration curves, a decrease in sensitivity, or failure to meet any one of the quality control criteria.

3.4 Analytical Procedures

A California Department of Health Services Environmental Laboratory Accreditation Program (DHS ELAP)-certified laboratory will conduct the analyses using SW 846 Methods, as specified in Table 1. Chemical analysis methods were selected on the basis of reporting limits and the analytical quality necessary to meet quality objectives and intended data uses. See Tables 2 and 3 for a list of analytes and their respective mean detection and reporting limits for soil, soil gas and water. Selected analytical methods include the following:

- TVPH by modified EPA Method 8015B or 8260B
- TEPH by modified EPA Method 8015B
- VOCs by EPA Method 8260B
- Polychlorinated biphenyls by EPA Method 8082A
- SVOCs by EPA Method 8270C
- California Assessment Manual Title 22 Metals by EPA Method 6010B/7000
- OCPs by EPA Method 8081A
- Organic Lead by California Hazardous Materials Laboratory Method 939-M

3.5 Internal Quality Control

The following subsections define and explain the field blanks and duplicate soil samples. The numbering system will follow the general numbering scheme outlined above and include project and area identifier, plus TB for trip blanks, and EB for equipment blanks, followed by a sequential number incremented throughout the project, e.g., TB 01. All duplicate samples will be labeled as normal field samples so laboratory personnel cannot identify them as QA/QC samples. In addition, a temperature blank of a 40 ml VOA vial containing deionized water prepared by the laboratory will be placed in each cooler

Equipment Blanks

Equipment blanks are defined as samples collected by pouring distilled water through or over the sampling equipment, and then transferring the water into a sample bottle. These blanks are handled as samples and transported to the laboratory for analysis. The sampling crew will collect one set of equipment blanks for each day of sampling. The equipment blank samples will be analyzed for OCPs, metals, hexavalent chromium, SVOCs, TPH and VOCs.

Trip Blanks

Trip blanks are defined as 40-ml VOA bottles filled in the laboratory with reagent grade water and transported to the sampling site. A trip blank is returned to the laboratory with samples submitted for VOCs. One trip blank will accompany each cooler containing liquid samples to be analyzed for VOCs. The trip blank will be analyzed for the same VOC compounds as the associated samples. However, analysis of the trip blank will not be required if an equipment blank will be analyzed for the same batch.

Duplicates

Field duplicates are defined as co-located samples or split samples of soil, soil gas, or groundwater submitted for analysis. A duplicate will be collected after the primary sample and before sampling at the next location and collected at a frequency of one per day. In general, field duplicates will number 5% of the total number of samples. These samples will be labeled for the location of origin plus a “D” to designate the sample i.e. SB-1D.

MS/MSDs

One Matrix Spike/Matrix Spike Duplicate sample (MS/MSD) is analyzed by the laboratory per every batch of 20 samples to evaluate data accuracy. As this procedure may not result in samples from the project site being selected for MS/MSD analysis, a representative number of samples from the subject site will be specified for MS/MSD analysis.

The MS/MSD samples will be collected in a separate set of sample jars in the same manner as the original sample from a specified location/interval. The MS/MSD samples will be analyzed for the same parameters as the original sample, with the exception of VOCs, for which a representative VOC list is analyzed.

Method Blanks

Laboratory method blanks will be run per laboratory QA guidelines to assess laboratory contamination.

3.5.1 Performance and Systems Audits

Field audits may be conducted to evaluate the performance of both field and laboratory personnel. Field audits will be conducted by the ENSR Site Investigation Project Manager. Performance will be checked against the procedures defined in the ENSR QAPP and Workplan.

3.6 Preventive Maintenance

The laboratory Project Manager will be responsible for ensuring that proper care and maintenance procedures are instituted for laboratory equipment. Preventative maintenance in the laboratory will be the responsibility of the laboratory personnel and analysts and will be performed as outlined in the laboratory's Quality Systems Manual for Calscience Labs. The maintenance includes routine care and cleaning of the instruments and inspection and monitoring of carrier gases, solvents, and glassware used in analyses.

Field equipment will be inspected daily for damage or wear. Work practice controls (such as maintaining an organized and neat work space) will be instituted to prevent damage to field equipment (*e.g.*, to prevent water from splashing on the laptop computer). Detailed maintenance procedures are presented in equipment operating manuals. Operating manuals will be maintained on site.

4.0 Corrective Procedures and Reporting

4.1 Corrective Procedures

If quality control actions/audits result in the detection of unacceptable conditions or data, the Project Manager will be responsible for developing and directing implementation of corrective actions. Corrective actions may include:

- Identifying the source of the unacceptable conditions.
- Resampling, if field records indicate the proper field procedures were not followed.
- Resampling, if holding times were exceeded.
- Evaluating and amending sampling and analytical procedures.
- Flagging data to indicate the level of uncertainty associated with failure to meet the specified quality control performance criteria

4.2 Reports to Management

A draft and final Additional Site Characterization and Baseline Health Risk Assessment Report will be prepared.

5.0 Data Validation and Usability

5.1 Data Review, Verification, and Validation

All data generated through field activities or through the analytical program, will be reduced and verified prior to reporting. No data will be disseminated by ENSR or its subcontractors until it has been subjected to the procedures summarized below.

5.2 Field Data

Field data will be reviewed daily by the ENSR Field Manager to ensure that the records are complete, accurate, and legible and to verify that the sampling procedures are in accordance with the protocols specified in the Workplan and QAPP.

5.3 Internal Laboratory Review

Prior to the release of any data from the laboratory, the data will be reviewed and approved by laboratory personnel. The review will consist of a tiered approach that will include reviews by the person performing the work, by a qualified peer, and by supervisory and/or QA personnel.

5.4 Validation of Analytical Data

Validation of the laboratory deliverables will be performed by ENSR. All received data will undergo an ENSR Data Assessment Level II or data verification procedure. The laboratory will initially complete an internal data review as detailed in Section 5.5.2 to ensure that all internal QC requirements (i.e., calibrations, performance checks) were met as directed in the analytical methods performed. Once data has been released by the laboratory, an ENSR Data Assessment Level II verification will be performed. This level of independent data review provides a definitive assessment of analytical precision, accuracy, method compliance, sensitivity, and completeness. The minimum analytical documentation that will be provided by the laboratory for an ENSR Level II data package must include::

- Case narratives,
- Detection limits,
- Percent moisture results for soil samples,
- Dilution factors,
- Method blank results,
- Surrogate spike recoveries,
- MS/MSD recoveries and relative percent differences (RPDs),
- LCS/LCSD recoveries and RPDs,
- Laboratory duplicate results and RPDs,
- Extraction and analysis dates, and
- Chain of Custody forms.

Sample summary forms must include the sample ID, the laboratory sample ID, date sampled, matrix, method reference, units of measurement, and initial and final sample volumes. QC summary forms must include a means to cross reference laboratory QC with the associated samples.

5.5 Verification and Validation Methods

5.5.1 Field Data Verification

Field records will be reviewed by the ENSR Field Manager to ensure that:

- Logbooks and standardized forms have been filled out completely and that the information recorded accurately reflects the activities that were performed.
- Records are legible and in accordance with good recordkeeping practices, i.e., entries are signed and dated, data are not obliterated, changes are initialed, dated, and explained.
- Sample collection, handling, preservation, and storage procedures were conducted in accordance with the protocols described in the QAPP, and that any deviations were documented and approved by the appropriate personnel.

5.5.2 Laboratory Data Verification

Prior to being released as final, laboratory data will proceed through a tiered review process. Data review starts with the analyst who performs a 100 percent review of the data to ensure the work was done correctly the first time. The data reduction and initial review process must ensure that:

- Sample preparation and analysis information is correct and complete,
- Analytical results are correct and complete,
- The appropriate SOPs have been followed and are identified in the project records,
- Proper documentation procedures have been followed, and
- All nonconformances have been documented.

Following the completion of the initial review by the analyst performing the data reduction, a systematic check of the data will be performed by an experienced peer or supervisor. This check will be performed to ensure that initial review has been completed correctly and thoroughly and will include a review of:

- Adherence to the requested analytical method SOP,
- Correct interpretation of chromatograms, mass spectra, etc.,
- Correctness of numerical input when computer programs are used (checked randomly),
- Correct identification and quantitation of constituents with appropriate qualifiers,
- Numerical correctness of calculations and formulas (checked randomly)
- Acceptability of QC data,
- Documentation that instruments were operating according to method specifications (calibrations, performance checks, etc.),
- Documentation of dilution factors, standard concentrations, etc.,
- Sample holding time assessment.

A third-level review will be performed by the QA Department and/or Laboratory Project Manager before results are submitted to clients. This review serves to verify the completeness of the data report and to ensure that project requirements are met for the analyses performed. A narrative will accompany the final report.

5.5.3 Validation of Analytical Deliverables

Once data has been released by the laboratory, an ENSR Data Assessment Level II verification will be performed. Verification will be performed using the U.S. EPA's *Data Validation Standard Operating Procedures for Contract Laboratory Program Routine Analytical Services* in conjunction with the U.S. EPA's *Contract Laboratory Program, National Functional Guidelines for Organic Data Review*, and *Contract Laboratory Program, National Functional Guidelines for Inorganic Data Review*. The criteria in the SW-846 analytical methodologies will be used in conjunction with the project-specific acceptance criteria defined in this QAPP to accept, reject, or qualify data.

Upon completion of the verification, a report will be prepared. This report will summarize the samples reviewed, elements reviewed, any nonconformances with the established criteria, and validation actions (including application of data qualifiers). Data qualifiers will be consistent with the U.S EPA guidelines.

5.5.4 Verification During Data Management

Manually entered data (e.g., field data) will be proofed against the original. Electronic data will be checked after loading against laboratory data sheets for completeness and accuracy.

5.6 Quality Assurance Reports

Effective QA management of project field operations and the project laboratory analytical effort requires timely review of and feedback on field and laboratory activities.

Reports typically discuss activities performed such as: audits, surveillance, or inspections; training conducted; procedures or project deliverables reviewed/revised; and any significant quality issues that are being evaluated, corrected, or closed out after verification of adequacy and completeness have been performed.

The Project Manager and Field Operations Manager will be responsible for ensuring that all documentation generated in the field (daily field logbooks and field data forms) are gathered daily, reviewed for completeness, and that copies are retained in the field office files. Original field documentation is to be transmitted weekly to the Project Files. ENSR's Data Coordinator will be responsible for retaining all analytical documentation from the project laboratory and filing this documentation by lot or batch number. All other ENSR personnel will be responsible for providing any documents received that are required per the Project File Index to the records coordinator for entry into the Project Files.

6.0 References

California Department of Water Resources [CDWR], 1961.

DTSC, 2004. *Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air (Interim Final).* California. December, 2004.

DTSC & LARWQCB, 2003. *Advisory – Active Soil Gas Investigations.* California. January, 2003.

USEPA, 1986. *Test Methods for Evaluating Solid Waste Physical/Chemical Methods*, *SW846 3rd Edition.* Washington D.C. November, 1986.

USEPA, 1988. *User's Guide to Contract Laboratory Program*. *(EPA/540-8-89/012).* Washington D.C. December, 1988.

USEPA, 1992. *Test Methods for Evaluating Solid Waste Physical/Chemical Methods*, *SW846 3rd Edition. Final Update I.* Washington D.C. 1992.

USEPA, 1993. *Data Quality Objectives Process for Superfund. (EPA/540/R-93/071).* Washington D.C. September, 1993.

USEPA, 1994. *Test Methods for Evaluating Solid Waste Physical/Chemical Methods*, *SW846 3rd Edition. Final Update II.* Washington D.C. 1994.

USEPA, 1996. *Guidance for Data Quality Assessment: Practical Methods for Data Analysis.* Washington D.C. 1996.

USEPA, 1997a. *Test Methods for Evaluating Solid Waste Physical/Chemical Methods*, *SW846 3rd Edition. Final Update III.* Washington D.C. 1997.

USEPA, 1999. *USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review. (EPA/540/R-99/008).* Washington D.C. October, 1999.

USEPA, 2000. *EPA Guidance for the Data Quality Objectives Process*. *(EPA QA/G-4) (EPA 600/R-96/055).* Washington D.C. August, 2000.

USEPA, 2001. *EPA Requirements for Quality Assurance Project Plans. (EPA QA/R-5) (EPA 240/B-01/003).* Washington D.C. March, 2001.

USEPA, 2002. *EPA Guidance for Quality Assurance Project Plans. (EPA QA/G-5) (EPA 240/R-02/009).* December, 2002.

USEPA, 2004. *USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review*. *(EPA/540/R-04/004).* Washington D.C. July, 2004.

TABLE 1

SUMMARY OF ANALYSES - SOIL VAPOR AND SOIL MATRIX

Former Welch's Uniform Site
3050 Pasadena Avenue
Los Angeles, California

SOIL VAPOR ANALYSES				
Analyte	**Method**	**Container**	**Preservative**	**Holding Time**
Volatile Organic Compounds	TO-15	1 L Summa	None	14 days to extraction
SOIL MATRIX ANALYSES				
Analyte	**Method**	**Container**	**Preservative**	**Holding Time**
Semi-Volatile Organic Compounds	US EPA 8270D	4 oz glass or sample sleeve	Temperature: Cool, 4 °C	14 days to extraction, 40 days to analysis
CAM Metals (see Table 3)	US EPA 6010/7000	4 oz glass or sample sleeve	Temperature: Cool, 4 °C	180 days mercury: 28 days
Polychlorinated biphenyls (PCBs)	US EPA 8082A	4 oz glass or sample sleeve	Temperature: Cool, 4 °C	14 days to extraction, 40 days to analysis
Organochlorine Pesticides (OCPs)	US EPA 8081B	4 oz glass or sample sleeve	Temperature: Cool, 4 °C	14 days to extraction, 40 days to analysis
Volatile Organic Compounds (VOCs)	US EPA 8260B/5035	sample sleeves; subsamples in 5 gram EnCore samplers (3) or equivalent	Sodium Bisulfate; Methanol; Freeze -10 °C	sodium bisulfate: 48 hours methanol: 14 days frozen samples: 7 days
Total Petroleum Hydrocarbons	US EPA 8015M/5035	4 oz glass or sample sleeve; subsamples in 5 gram EnCore samplers (2) or equivalent	Temperature: Cool, 4 °C	14 days to extraction, 40 days to analysis
Organo-lead	Cal HML 939-M	4 oz amber glass	Temperature: Cool, 4 °C	14 days

TABLE 2
LIST OF METHOD DETECTION AND REPORTING LIMITS
SOIL GAS ANALYSES

Former Welch's Uniform Site
Los Angeles, California

Chemical Constituent	Soil Gas MDL		Soil Gas RL	
	ppb_v	$\mu g/m^3$	ppb_v	$\mu g/m^3$
Volatile Organic Compounds (VOCs) in Air (TO-15)				
1,1,1-Trichloroethane (TCA)	0.018	0.097	0.20	1.09
1,1,2-Trichloroethane (TCA)	0.022	0.121	0.20	1.09
1,1-Dichloroethane (DCA)	0.019	0.076	0.20	0.81
1,1-Dichloroethene (DCE)	0.024	0.094	0.20	0.79
1,2-Dichloroethane (EDC)	0.013	0.054	0.20	0.81
2-Butanone (MEK)	0.130	0.384	0.20	0.59
Acetone	0.217	0.515	1.00	2.37
Benzene	0.011	0.036	0.20	0.64
Chloroethane	0.042	0.110	0.20	0.53
cis-1,2-Dichloroethene (DCE)	0.048	0.188	0.20	0.79
Ethylbenzene	0.008	0.035	0.20	0.87
Methyl isobutyl ketone (MIBK)	0.021	0.084	0.20	0.82
Methyl tertiary butyl ether (MTBE)	0.021	0.075	0.20	0.72
Methylene chloride	0.037	0.129	0.20	0.69
Tetrachloroethene (PCE)	0.014	0.091	0.20	1.35
Toluene	0.005	0.019	0.20	0.75
trans-1,2-Dichloroethene (DCE)	0.064	0.253	0.20	0.79
Trichloroethene (TCE)	0.053	0.284	0.20	1.07
Vinyl chloride	0.041	0.105	0.20	0.51
m&p-Xylenes	0.019	0.082	0.20	0.87
o-Xylene	0.014	0.062	0.20	0.87

Note:
µg/kg = micrograms per kilogram
µg/L = micrograms per liter
N/A = Not applicable

TABLE 3

LIST OF METHOD DETECTION AND REPORTING LIMITS
SOIL & WATER ANALYSES

Former Welch's Uniform Site
Los Angeles, California

Chemical Constituent	MDL		RL	
	Soil (µg/kg)	Water (µg/L)	Soil (µg/kg)	Water (µg/L)
Volatile Organic Compounds (VOCs) (8260B)				
TVPH as gasoline	200	50	500	50
1,1,1,2-Tetrachloroethane (PCA)	1.28	0.141	10	1
1,1,1-Trichloroethane (TCA)	2.03	0.150	10	1
1,1,2,2-Tetrachloroethane (PCA)	3.25	0.579	10	1
1,1,2-Trichloroethane (TCA)	1.74	0.233	10	1
1,1,2-Trichloro-1,2,2-trifluroethane (R-113)	2.41	2.52	50	5
1,1-Dichloroethane (DCA)	1.30	0.372	10	1
1,1-Dichloroethene (DCE)	2.60	0.355	10	1
1,2,4-Trichlorobenzene (TCB)	2.82	0.451	10	1
1,2,4-Trimethylbenzene	3.19	0.451	10	1
1,2-Dichorobenzene	1.03	0.358	10	1
1,4-Dichorobenzene	2.23	0.384	10	1
1,2-Dichloroethane (EDC)	1.57	0.182	10	1
1,2-Dichloropropane (DCP)	0.66	0.359	10	1
2-Butanone (MEK)	5.83	5.00	50	5
Acetone	12.7	2.52	50	5
Benzene	0.93	0.097	2	1
Bromomethane	2.75	0.174	30	3
Chloroethane	2.15	0.328	30	3
Chloroform	1.24	0.247	10	1
cis-1,2-Dichloroethene (DCE)	1.60	0.279	10	1
Dibromochloromethane	0.65	0.300	10	1
Ethylbenzene	1.0	0.209	2	1
Isopropylbenzene	1.42	0.291	10	1
Isopropyltoluene	3.86	0.468	10	1
Methyl tertiary butyl ether (MTBE)	2.90	0.240	5	2
Methylene chloride	3.31	1.00	50	5
n-Butylbenzene	2.05	0.363	10	1
Naphthalene	1.14	0.375	10	1
sec-Butylbenzene	3.04	0.338	10	1
Tetrachloroethene (PCE)	0.93	0.421	10	1
Toluene	1.0	0.282	2	1
tert-Butylbenzene	1.34	0/235	10	1
trans-1,2-Dichloroethene (DCE)	2.16	0.176	10	1
Trichloroethene (TCE)	1.15	0.117	10	1
Trichlorofluoromethane (R-11)	3.15	0.294	10	1
Vinyl chloride	2.79	0.331	30	3
m&p-Xylenes	1.80	0.476	4	2
o-Xylene	1.0	0.262	2	1
Xylenes	2.80	0.738	6	3

Note:
µg/kg = micrograms per kilogram
µg/L = micrograms per liter
N/A = Not applicable

TABLE 3 (continued)

LIST OF METHOD DETECTION AND REPORTING LIMITS
SOIL ANALYSES

Former Welch's Uniform Site
Los Angeles, California

Chemical Constituent	Soil MDL (µg/kg)	Soil RL (µg/kg)
CAM Metals (6010B/7471A)		
Antimony	100	500
Arsenic	100	250
Barium	50	500
Beryllium	50	500
Cadmium	50	500
Chromium	50	500
Cobalt	50	500
Copper	50	500
Lead	100	250
Mercury (EPA 7471A)	10	50
Molybdenum	50	500
Nickel	50	500
Selenium	200	500
Silver	150	500
Thallium	50	500
Vanadium	50	500
Zinc	350	500
CAM Metal (HML 939-M)		
Organic Lead	25	5.0
Organochlorine Pesticides (8081A)		
Aldrin	0.23	2.0
alpha-BHC	0.27	2.0
beta-BHC	0.37	2.0
delta-BHC	0.15	2.0
gamma-BHC (Lindane)	0.21	2.0
alpha-Chlordane	0.20	2.0
gamma-Chlordane	0.19	2.0
4,4'-DDD	0.27	4.0
4,4'-DDE	0.22	4.0
4,4'-DDT	0.22	4.0
Dieldrin	0.20	4.0
Endosulfan I	0.20	2.0
Endosulfan II	0.24	4.0
Endosulfan sulfate	0.27	4.0
Endrin	0.25	4.0
Endrin aldehyde	0.44	4.0
Heptachlor	0.23	2.0
Heptachlor epoxide	0.23	2.0
Methoxychlor	0.39	17
Toxaphene	17	170

Note:
µg/Kg = micrograms per kilogram

TABLE 3 (continued)

LIST OF METHOD DETECTION AND REPORTING LIMITS
SOIL ANALYSES

Former Welch's Uniform Site
Los Angeles, California

Chemical Constituent	Soil MDL (µg/kg)	Soil RL (µg/kg)
Polychlorinated Biphenyls (PCBs) (8082)		
Aroclor 1016	3.60	33
Aroclor 1221	4.20	67
Aroclor 1232	2.10	33
Aroclor 1242	2.10	33
Aroclor 1248	2.10	33
Aroclor 1254	2.10	33
Aroclor 1260	2.10	33
Total Petroleum Hydrocarbons (TPH) (8015B)		
TVPH Gasoline Range Organics (GRO) (C6-C10)	200	500
TEPH Diesel Range Organics (DRO) (C10-C28)	3000	10000
TEPH Oil Range Organics (ORO) (C28+)	17000	50000
Volatile Organic Compounds (VOCs) (8260B)		
1,1,1,2-Tetrachloroethane (PCA)	1.28	10
1,1,1-Trichloroethane (TCA)	2.03	10
1,1,2,2-Tetrachloroethane (PCA)	3.25	10
1,1,2-Trichloroethane (TCA)	1.74	10
1,1-Dichloroethane (DCA)	1.30	10
1,1-Dichloroethene (DCE)	2.60	10
1,2,4-Trichlorobenzene (TCB)	2.82	10
1,2-Dichloroethane (EDC)	1.57	10
1,2-Dichloropropane (DCP)	0.66	10
Benzene	0.93	2
Chloroform	1.24	10
cis-1,2-Dichloroethene (1,2-DCE)	1.60	10
Ethylbenzene	1.0	2
Methyl tertiary butyl ether (MTBE)	2.90	5
Methylene chloride	3.31	50
Naphthalene	1.14	10
Tetrachloroethene (PCE)	0.93	10
Toluene	1.0	2
trans-1,2-Dichloroethene (1,2-DCE)	2.16	10
Trichloroethene (TCE)	1.15	10
Vinyl chloride	2.79	30
m&p-Xylenes	1.80	4
o-Xylene	1.0	2
Xylenes	2.80	6

Note:
µg/kg = micrograms per kilogram

TABLE 3 (continued)

LIST OF METHOD DETECTION AND REPORTING LIMITS
SOIL ANALYSES

Former Welch's Uniform Site
Los Angeles, California

Chemical Constituent	Soil MDL (µg/kg)	Soil RL (µg/kg)
Semivolatile Organic Compounds (SVOCs) (8270C)		
Acenaphthene	13.8	330
Acenaphthylene	16.1	330
Anthracene	9.9	330
Benz (a) anthracene	12.8	330
Benzo (b) fluoranthene	21.8	330
Benzo (k) fluoranthene	19.0	330
Benzo (a) pyrene	18.9	330
Benzo (g,h,I) perylene	18.4	330
Dibenz (a,h) anthracene	16.1	330
Fluoranthene	8.0	330
Fluorene	14.2	330
Hexachlorobenzene	9.7	330
Indeno (1,2,3-c,d) pyrene	16.8	330
Naphthalene	18.9	330
1,4-Dioxane	NA	NA
Phenanthrene	10.9	330
Pyrene	8.2	330

Note:
µg/kg = micrograms per kilogram
NA = Not analyzed

TABLE 4

LIST OF CONTROL LIMITS
SOIL GAS ANALYSES

Former Welch's Uniform Site
Los Angeles, California

Chemical Constituent	LCS % Recovery	LCSD % Recovery	LCSD % RPD
1,1,1-Trichloroethane (TCA)	70-130	70-130	30
1,1,2-Trichloroethane (TCA)	70-130	70-130	30
1,1-Dichloroethane (DCA)	70-130	70-130	30
1,1-Dichloroethene (DCE)	70-130	70-130	30
1,2-Dichloroethane (EDC)	70-130	70-130	30
2-Butanone (MEK)	70-130	70-130	30
Acetone	70-130	70-130	30
Benzene	70-130	70-130	30
Chloroethane	70-130	70-130	30
cis-1,2-Dichloroethene (DCE)	70-130	70-130	30
Ethylbenzene	70-130	70-130	30
Methyl isobutyl ketone (MIBK)	70-130	70-130	30
Methyl tertiary butyl ether (MTBE)	70-130	70-130	30
Methylene chloride	70-130	70-130	30
Tetrachloroethene (PCE)	70-130	70-130	30
Toluene	70-130	70-130	30
trans-1,2-Dichloroethene (DCE)	70-130	70-130	30
Trichloroethene (TCE)	70-130	70-130	30
Vinyl chloride	70-130	70-130	30
m&p-Xylenes	70-130	70-130	30
o-Xylene	70-130	70-130	30

Note:
N/A = Not applicable

Table 5

Quality Control Performance Criteria for Organic Compounds in Aqueous Samples

Compound	Blank	Field Duplicate RPD	Spike/Duplicate		LCS/LCSD RPD	MS/MSD RPD	Surrogate % Recovery
			LCS %R[1]	MS %R[1]			
VOCs by SW-846 8260B							
Toluene-d8	<RL[2]	30%[3]					76-115
Dibromofluoromethane							68-128
4-Bromofluorobenzene							79-127
a,a,a-Trifluorotoluene							83-116
Acetone			36-163	25-158	20	33	
Acrolein			27-122	25-158	13	15	
Acrylonitrile			44-130	39-136	20	25	
Benzene			63-121	51-134	16	18	
Bromobenzene			70-130	60-131	16	22	
Bromodichloromethane			64-127	54-139	17	19	
Bromoform			60-139	52-144	15	21	
Bromomethane			30-125	21-131	21	24	
n-Butylbenzene			59-134	47-124	19	20	
sec-Butylbenzene			67-124	54-127	18	20	
tert-Butylbenzene			65-128	57-128	17	26	
Carbon tetrachloride			70-140	51-147	17	23	
Chlorobenzene			70-126	59-125	16	22	
Chlorodibromomethane			62-132	57-133	15	19	
Chloroethane			43-146	38-153	24	25	
2-Chloroethyl vinyl ether			36-136	28-148	28	18	
Chloroform			65-121	55-133	15	20	
Chloromethane			45-131	39-135	22	23	
2-Chlorotoluene			61-134	51-135	26	28	
4-Chlorotoluene			67-129	57-123	17	25	
1,2-Dibromo-3-chloropropane			50-139	44-138	19	27	
1,2-Dibromoethane			70-122	64-126	16	19	
Dibromomethane			69-119	61-132	16	19	
1,2-Dichlorobenzene			54-135	50-127	16	19	
1,3-Dichlorobenzene			45-143	47-128	17	25	
1,4-Dichlorobenzene			48-138	47-123	17	18	
Dichlorodifluoromethane			24-155	26-153	22	25	
1,1-Dichloroethane			59-135	53-136	22	22	
1,2-Dichloroethane			61-131	54-145	15	21	
1,1-Dichloroethene			68-136	58-145	17	22	
cis-1,2-Dichloroethene			68-123	64-126	15	18	
trans-1,2-Dichloroethene	<RL[2]	30%[3]	59-138	52-139	22	24	
1,2-Dichloropropane			64-126	55-135	18	20	
1,1-Dichloropropene			63-125	58-126	17	20	
1,3-Dichloropropane			74-118	64-125	15	19	
cis-1,3-Dichloropropene			66-121	54-122	18	22	
trans-1,3-			55-113	48-113	18	22	

Compound	Blank	Field Duplicate RPD	Spike/Duplicate		LCS/LCSD RPD	MS/MSD RPD	Surrogate % Recovery
			LCS %R[1]	MS %R[1]			
Dichloropropene							
2,2-Dichloropropane			52-140	44-143	21	19	
Di-isopropyl ether			58-127	53-132	18	20	
Ethylbenzene			70-121	55-125	17	20	
Hexachlorobutadiene			60-119	51-109	18	22	
Isopropylbenzene			68-128	59-127	17	26	
p-Isopropyltoluene			64-132	52-126	18	20	
2-Butanone (MEK)			50-132	47-133	21	22	
Methylene chloride			53-131	44-143	17	22	
4-Methyl-2-pentanone (MIBK)			47-143	45-144	21	25	
Methyl tert-butyl ether			51-137	50-137	18	21	
Naphthalene			54-150	45-141	17	25	
n-Propylbenzene			68-123	53-124	17	26	
Styrene			68-123	55-121	17	27	
1,1,1,2-Tetrachloroethane			61-134	57-133	17	21	
1,1,2,2-Tetrachloroethane			66-124	58-134	16	27	
1,1,2-Trichloro-1,2,2-trifluoroethane			66-130	61-136	18	20	
Tetrachloroethene			64-134	53-128	18	24	
Toluene			65-120	57-126	18	26	
1,2,3-Trichlorobenzene			57-152	48-127	19	26	
1,2,4-Trichlorobenzene			49-153	41-127	20	26	
1,1,1-Trichloroethane			62-133	54-143	17	22	
1,1,2-Trichloroethane			62-124	58-125	16	19	
Trichloroethene			74-120	57-135	16	23	
Trichlorofluoromethane			49-121	42-134	19	21	
1,2,3-Trichloropropane			62-138	57-145	18	24	
1,2,4-Trimethylbenzene			61-128	52-125	18	26	
1,2,3-Trimethylbenzene			61-107	51-106	16	19	
1,3,5-Trimethylbenzene			65-126	54-125	17	27	
Vinyl chloride			46-133	44-12	17	24	
Total xylenes			68-124	54-129	17	24	

[1] Laboratory control limits are periodically updated. The latest control limits will be utilized at the time of sample analysis. The allowable lower control limit will not be less than 10%.

[2]Blank (field, trip, method) criteria apply to all target compounds analyzed and reported for a particular method, with the exception of the common laboratory contaminants specified in the laboratory SOP.

[3]Field duplicate criteria apply to all target analytes analyzed and reported for a particular method.

Table 5

Quality Control Performance Criteria for Organic Compounds in Soil Samples

Compound	Blank	Field Duplicate RPD	Spike/Duplicate		LCS/LCSD RPD	MS/MSD RPD	Surrogate % Recovery
			LCS %R[1]	MS %R[1]			
VOCs by SW-846 8260B							
Toluene-d8	<RL[2]	50%[3]					69-118
Dibromofluoromethane							64-125
4-Bromofluorobenzene							61-134
a,a,a-Trifluorotoluene							72-121
Acetone			49-158	33-148	31	23	
Acrolein			36-143	31-135	20	31	
Acrylonitrile			44-126	40-126	18	20	
Benzene			65-123	54-119	13	15	
Bromobenzene			66-137	45-116	15	19	
Bromodichloromethane			67-126	51-125	13	15	
Bromoform			56-144	44-135	16	21	
Bromomethane			37-117	30-113	20	30	
n-Butylbenzene			61-136	36-94	18	22	
sec-Butylbenzene			66-133	37-105	15	21	
tert-Butylbenzene			64-136	45-112	16	21	
Carbon tetrachloride			61-146	47-133	16	22	
Chlorobenzene			68-130	53-110	16	22	
Chlorodibromomethane			64-131	53-125	16	17	
Chloroethane			49-148	42-149	16	28	
2-Chloroethyl vinyl ether			44-142	40-138	14	13	
Chloroform			63-125	61-127	14	14	
Chloromethane			41-147	35-140	17	19	
2-Chlorotoluene			64-137	45-111	19	20	
4-Chlorotoluene			69-133	38-106	16	19	
1,2-Dibromo-3-chloropropane			51-142	39-135	20	24	
1,2-Dibromoethane			64-129	57-120	23	16	
Dibromomethane			68-122	57-126	14	16	
1,2-Dichlorobenzene			70-126	36-110	15	19	
1,3-Dichlorobenzene			64-139	31-109	18	18	
1,4-Dichlorobenzene			66-129	32-102	17	18	
Dichlorodifluoromethane			45-139	34-140	19	22	
1,1-Dichloroethane			55-133	64-127	16	16	
1,2-Dichloroethane			55-139	46-147	15	14	
1,1-Dichloroethene			65-129	64-126	19	20	
cis-1,2-Dichloroethene			68-121	67-120	15	12	
trans-1,2-Dichloroethene	<RL[2]	50%[3]	68-130	58-118	17	20	
1,2-Dichloropropane			64-124	63-124	16	16	
1,1-Dichloropropene			63-130	55-108	17	21	
1,3-Dichloropropane			71-122	65-116	15	16	
cis-1,3-Dichloropropene			69-120	53-113	15	16	
trans-1,3-			51-115	41-107	17	16	

Compound	Blank	Field Duplicate RPD	Spike/Duplicate		LCS/LCSD RPD	MS/MSD RPD	Surrogate % Recovery
			LCS %R[1]	MS %R[1]			
Dichloropropene							
2,2-Dichloropropane			51-149	49-138	19	18	
Di-isopropyl ether			58-124	53-132	15	20	
Ethylbenzene			69-124	47-111	15	20	
Hexachlorobutadiene			59-129	30-91	16	22	
Isopropylbenzene			69-133	49-110	16	20	
p-Isopropyltoluene			64-141	34-105	16	21	
2-Butanone (MEK)			47-134	43-137	21	21	
Methylene chloride			55-125	54-123	15	16	
4-Methyl-2-pentanone (MIBK)			55-132	47-133	19	20	
Methyl tert-butyl ether			56-132	63-131	16	13	
Naphthalene			63-146	33-125	21	22	
n-Propylbenzene			68-129	43-101	16	19	
Styrene			68-126	43-107	16	23	
1,1,1,2-Tetrachloroethane			66-134	56-123	16	18	
1,1,2,2-Tetrachloroethane			68-122	37-133	16	14	
1,1,2-Trichloro-1,2,2-trifluoroethane			62-146	56-115	17	20	
Tetrachloroethene			62-143	40-114	18	21	
Toluene			69-120	54-109	13	19	
1,2,3-Trichlorobenzene			60-149	30-113	21	23	
1,2,4-Trichlorobenzene			59-160	30-104	20	24	
1,1,1-Trichloroethane			56-142	53-139	16	17	
1,1,2-Trichloroethane			69-118	61-113	14	19	
Trichloroethene			74-124	56-119	14	18	
Trichlorofluoromethane			46-131	39-126	15	21	
1,2,3-Trichloropropane			65-137	47-138	19	16	
1,2,4-Trimethylbenzene			59-138	38-108	15	23	
1,2,3-Trimethylbenzene			60-107	42-96	15	14	
1,3,5-Trimethylbenzene			66-132	39-106	15	19	
Vinyl chloride			49-133	39-127	14	24	
Total xylenes			69-126	51-107	14	16	

Compound	Blank	Field Duplicate RPD	Spike/Duplicate		LCS/LCSD RPD	MS/MSD RPD	Surrogate % Recovery
			LCS %R[1]	MS %R[1]			
Semi-Volatile Organic Compounds by SW-846 8270C							
2-Fluorophenol	<RL[2]	50%[3]					34-124
Phenol-d5							31-137
Nitrobenzene-d5							32-126
2-Fluorobiphenyl							43-123
2,4,6-Tribromophenol							47-135
Terphenyl-d14							51-133
Acenaphthene			56-125	23	47-130	24	
Acenaphthylene			53-138	23	46-139	25	
Anthracene			57-132	17	45-134	23	
Benzidine			1-73	26	1-37	27	
Benzo(a)anthracene			60-119	17	45-125	23	
Benzo(b)fluoranthene			52-128	19	45-148	26	
Benzo(k)fluoranthene			53-125	18	48-147	24	
Benzo(g,h,i)perylene			50-134	17	33-124	23	
Benzo(a)pyrene			53-133	17	48-135	23	
Bis(2-chlorethoxy)methane			49-131	27	42-126	31	
Bis(2-chloroethyl)ether			46-116	31	29-115	31	
Bis(2-chloroisopropyl)ether			40-127	31	39-122	30	
4-Bromophenyl-phenylether			58-107	19	42-129	23	
2-Chloronaphthalene			47-128	20	44-129	21	
4-Chlorophenyl-phenylether			54-126	21	47-128	21	
Chrysene			59-124	17	45-125	23	
Dibenz(a,h)anthracene			53-135	17	33-130	24	
3,3-Dichlorobenzidine			41-140	24	39-140	29	
2,4-Dinitrotoluene			61-138	18	47-154	30	
2,6-Dinitrotoluene			54-143	15	41-152	27	
Fluoranthene			57-132	16	43-136	23	
Fluorene			60-126	18	50-130	23	
Hexachlorobenzene			52-132	20	44-134	19	
Hexachloro-1,3-butadiene			46-138	27	37-134	31	
Hexachlorocyclopentadiene			37-155	32	10-155	36	
Hexachloroethane			45-127	27	41-114	32	
Indeno(1,2,3-cd)pyrene			52-133	16	34-125	22	
Isophorone			44-134	20	45-134	25	
Naphthalene			40-120	27	39-124	31	
Nitrobenzene			49-127	24	49-121	30	
n-Nitrosodimethylamine			34-121	33	19-124	36	
n-Nitrosodiphenylamine			54-149	19	49-145	24	
n-Nitrosodi-n-propylamine			42-137	34	43-132	29	
Phenanthrene	<RL[2]	50%[3]	58-129	17	43-136	22	
Benzylbutyl phthalate			52-146	17	44-156	21	
Bis(2-ethylhexyl)phthalate			55-139	17	46-156	28	
Di-n-butyl phthalate			61-138	16	50-141	21	
Diethyl phthalate			59-136	15	51-140	21	
Dimethyl phthalate			59-130	16	50-133	22	

Compound	Blank	Field Duplicate RPD	Spike/Duplicate		LCS/LCSD RPD	MS/MSD RPD	Surrogate % Recovery
			LCS %R[1]	MS %R[1]			
Di-n-octyl phthalate			58-138	16	40-154	22	
Pyrene			60-127	18	43-142	25	
1,2,4-Trichlorobenzene			39-119	28	43-115	31	
4-Chloro-3-methylphenol			53-130	18	39-137	27	
2-Chlorophenol			44-126	25	31-115	28	
2,4-Dichlorophenol			49-126	21	44-126	29	
2,4-Dimethylphenol			43-138	24	43-135	30	
4,6-Dinitro-2-methylphenol			37-135	24	10-159	28	
2,4-Dinitrophenol			41-110	28	10-117	35	
2-Nitrophenol			54-122	23	48-116	29	
4-Nitrophenol			44-135	21	39-138	28	
Pentachlorophenol			49-126	26	40-141	24	
Phenol			41-140	23	32-117	25	
2,4,6-Trichlorophenol			52-128	20	46-134	24	

[1] Laboratory control limits are periodically updated. The latest control limits will be utilized at the time of sample analysis. The allowable lower control limit will not be less than 10%.
[2]Blank (equipment, field, trip, method) criteria apply to all target compounds analyzed and reported for a particular method, with the exception of the common laboratory contaminants specified in the laboratory SOP.
[3]Field duplicate criteria apply to all target analytes analyzed and reported for a particular method.

Table 7

Quality Control Performance Criteria for Inorganic Parameters in Samples

Compound	Blank	Field Duplicate %RPD	LCS % Recovery[1]		Matrix Spike % Recovery[1]		Duplicate % RPD[1]
			Water	Solid	Water	Solid	
Metals by SW-846 6010B							
Aluminum	<RL	30% (aqueous); 50% (solid)	NA	85-115	NA	75-125	20
Antimony			NA	85-115	NA	75-125	20
Arsenic			NA	85-115	NA	75-125	20
Barium			NA	85-115	NA	75-125	20
Beryllium			NA	85-115	NA	75-125	20
Cadmium			NA	85-115	NA	75-125	20
Chromium			NA	85-115	NA	75-125	20
Cobalt			NA	85-115	NA	75-125	20
Lead			NA	85-115	NA	75-125	20
Nickel			NA	85-115	NA	75-125	20
Selenium			NA	85-115	NA	75-125	20
Silver			NA	85-115	NA	75-125	20
Thallium			NA	85-115	NA	75-125	20
Vanadium			NA	85-115	NA	75-125	20
Zinc			NA	85-115	NA	75-125	20
Mercury by SW-846 7471A							
Mercury	<RL	50% (solid)	NA	Vendor control limits	NA	70-130	20

[1]RPD criteria applies to both aqueous and solid samples.
NA = Not applicable

Exhibit H

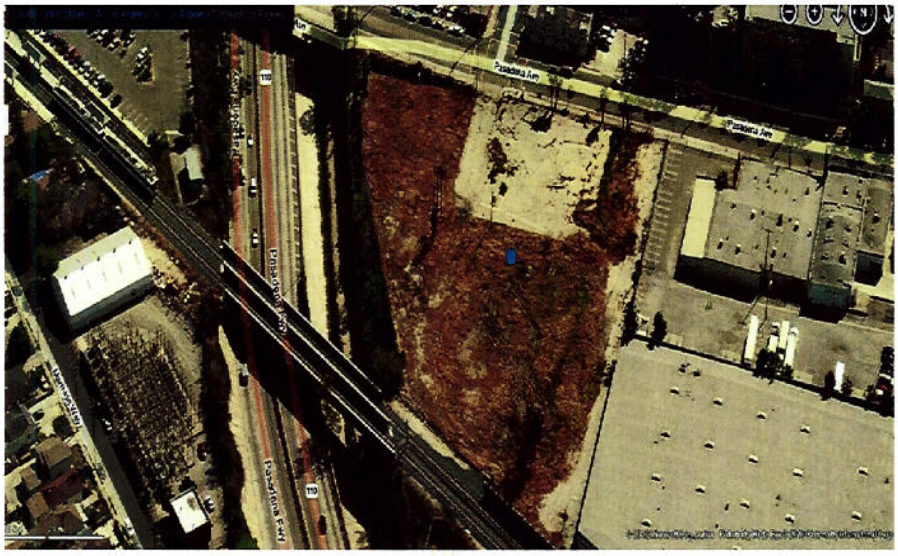
Welch's Public Notice 2012

COMMUNITY Notice

The mission of DTSC is to protect California's people and environment from harmful effects of toxic substances through the restoration of contaminated resources, enforcement, regulation and pollution prevention.

Former Welch's Uniform Facility Removal Action Workplan Available for Review and Comment

The State of California Department of Toxic Substances Control (DTSC) invites the community to review and comment on a Removal Action Workplan (RAW) to cleanup contamination beneath the Former Welch's Uniform Facility (Site) located at 3505 Pasadena Avenue, Los Angeles, California. The objective of the RAW is to reduce the potential risk to human health and the environment and address any contamination.



This **Fact Sheet provides Information on:**

- Site Background and History
- Environmental Investigations
- Why Cleanup is Necessary
- Proposed Clean Up Plan
- California Environmental Quality Act (CEQA)
- Next Steps
- Where to Find Site Documents
- Who to Contact at DTSC for More Information

Public Comment Period
Sept. 6, to Oct. 7, 2012

The draft RAW and other related documents for this site are available for public review and comment at the locations listed on page 3. (DTSC) will make a final decision after all public comments have been reviewed and considered. Please submit written comments postmarked or recieved by email by October 7, 2012 to:

Alberto Valmidiano
Project Manager
9211 Oakdale Avenue
Chatsworth, CA 91311
alberto.valmidiano@dtsc.ca.gov
(818) 717-6550

Si desea informacion en espanol, comuniquese con Jeanne Garcia al (818) 717-6573

Site Background and History

AmeriPride Services Inc., the current owner of the property at 3505 Pasadena Avenue, Los Angeles, California (Site), proposes to install a soil vapor extraction (SVE) and treatment system to address soil vapor contamination associated with dry cleaning solvent wastes at the former Welch's Uniform Facility.

The Site consists of an approximate 2.6 acre vacant parcel located in a mixed residential and industrial area of Los Angeles, California. The Site is bordered on the north by the Arroyo Seco Channel and the Pasadena Freeway (110); on the west by a railroad right-of-way; on the east by Pasadena Avenue; and on the south by commercial properties.

The Site is currently vacant and no buildings exist on the property. A chain-link fence is located around the perimeter of the Site with a 10-foot high retaining wall along the northeast Site boundary. Four pole-mounted electrical transformers are located in the center of the Site. Gas and water metering equipment are located near the east gate, and a 6,000 square foot area of asphalt pavement is located in the southeast portion of the Site. The Site was formerly a commercial linen and apparel laundering and delivery service facility that was established circa 1920 and operated until approximately 1988. All buildings associated with the previous operation were removed in 1993.

There are no current redevelopment plans for the property, but future uses may include commercial or industrial projects.

Environmental Investigations

Tetrachloroethene (PCE) was first detected in 1988 when soil boring and vapor extraction wells were completed at the Site. Follow up investigation efforts have included collecting soil and soil vapor samples from numerous locations around the Site, as well as installing and monitoring 14 active monitoring wells located on-site and off-site and 7 active soil vapor monitoring points on-site. The monitoring wells and soil vapor points are sampled and analyzed on a semi-annual basis. Since 2007, the California Department of Toxic Substances Control (DTSC) has been overseeing the site investigation, monitoring and cleanup efforts at the Site.

In 2007, the owner of the Site, AmeriPride Services Inc., entered into a voluntary agreement with DTSC to clean up the Site and to submit planning and monitoring documents to DTSC for review and approval.

Why Clean Up is Necessary

The Site is located in a mixed residential and industrial area of Los Angeles, California. It is bordered on the north by the Arroyo-Seco Channel and the Pasadena (110) freeway; on the west by a railroad right of way; on the east by Pasadena Avenue and on the south by commercial properties.

Historical records indicate that hazardous materials stored and handled at the facility included petroleum hydrocarbon based cleaning solvents used in the dry cleaning process. Previous investigations revealed the presence of PCE and trichloroethene (TCE) beneath the Site. PCE naturally degrades to TCE in the environment; the TCE present is likely a breakdown product from PCE. Exposure to high levels of PCE and TCE in indoor air may result in an increased risk of cancer when breathed continuously for an extended amount of time (generally more than 20 years). Environmental cleanup activities at the Site are necessary to protect public and environmental health.

Proposed Clean Up Plan

Soil vapor extraction (SVE) is the proposed approach to clean up the PCE and TCE detected in the soil and soil gas beneath the Site. SVE is a proven technology for treating volatile contamination. The SVE will be accomplished by the installation of a soil vapor extraction system (SVES). The SVES includes the installation of soil vapor extraction wells. The extracted vapor will be treated with granular activated carbon, before the gas will be released to the atmosphere. The SVES will be monitored to insure gas release into the atmosphere is treated successfully and meets the South Coast Air Quality Management District (SCAQMD) standards and regulations. With DTSC oversight, Ameripride proposes to install an SVE system to clean up the Site.

The SVE system will likely operate until the cleanup goals are achieved. Approximately 12 to 24 months of operation time is the initial estimate to treat the contamination. The system will operate until levels are reached that do not pose a significant risk.

California Environmental Quality Act

Under the California Environmental Quality Act (CEQA), DTSC must evaluate whether the proposed actions may have any significant impact to human health and the environment.

As part of this evaluation, DTSC has proposed a Notice of Exemption (NOE) which states that the Removal Action Workplan will not result in a significant negative effect on human health and the environment.

Next Steps

At the close of the Public Comment Period, DTSC will review and consider any public comments and make a final decision on the Removal Action Workplan. A Response to Comments document will be mailed to everyone who makes a comment and provides their name and address. A copy of the Response to Comments document will be placed in the Information Repositories listed in this fact sheet.

Once the Plan is approved the system will be built and work will likely begin in Fall 2012

Where to Find Project Documents

The RAW and other site related documents are available for public review at the information repositories listed below. The entire Administrative Record is available at the DTSC Chatsworth Office.

Lincoln Heights Branch
Los Ángeles Public Library
2530 Workmen Street
Los Angeles, California 90031
Phone: (323) 226-1692

Department of Toxic Substances Control
Regional Records Room
9211 Oakdale Avenue
Chatsworth, California 91311
Phone: (818) 717-6521

Copies of key technical reports, fact sheets and other site-related information are also available online at DTSC's website: *www.envirostor.dtsc.ca.gov/public*

All documents made available to the public by DTSC can be made available in an alternate format (i.e. Braille, large print, etc.) or in another language as appropriate, in accordance with state and federal law. Please contact Zenzi Poindexter for assistance.

Who to Contact for More Information

For more information about the draft Cleanup Plan or to be added to the site mailing list please contact the following DTSC representatives:

Alberto Valmidiano, DTSC Project Manager
9211 Oakdale Avenue
Chatsworth, California 91311
Phone: (818) 717-6550
alberto.valmidiano@dtsc.ca.gov

Zenzi Poindexter, DTSC Public Participation Specialist
9211 Oakdale Avenue
Chatsworth, California 90630
Phone: (818) 717-6567
Toll-Free: (866) 495-5651 (press 3 then 4)
uzenzile.poindexter@dtsc.ca.gov

For media related inquiries, please contact:
Jeanne Garcia, DTSC Public Information Officer
9211 Oakdale Avenue
Chatsworth, California 91311
Phone: (818) 717-6573
jeanne.garcia1@dtsc.ca.gov

COMMENT FORM AND MAILING COUPON
FORMER WELCH'S UNIFORM FACILITY
LOS ANGELES, CA

If you use this form to send us your comments, please include your name and address. All written comments must be postmarked no later than October 7, 2012. Please send this form to:

Alberto Valmidiano
Department of Toxic Substances Control
9211 Oakdale Avenue
Chatsworth, California 91311

You may also email this same information to: avaldimi@dtsc.ca.gov

Name: _____

Address: _____

Affiliation (if any): _____

Phone number (optional): _____

Comments: (If you need more space, please feel free to use another sheet of paper)

_____
_____
_____
_____
_____
_____
_____
_____
_____
_____
_____

Our mailing lists are only used for keeping you informed of our activities. However, they are considered public records and, if requested, may be subject to release.

AVISO Comunitario

La mision del DTSC es de proteger a los residentes de California y al medio ambiente de los efectos nocivos de substancias toxicas atravez de la restauracion de recursos contaminados, la aplicacion de regulaciones, y la prevencion de la contaminacion.

Plan de Trabajo para las Acciones de Remoción de lo que era la Instalación de

El Departamento de Control de Sustancias Tóxicas de California (DTSC, por sus siglas en inglés) invita a la comunidad a revisar y comentar sobre un Plan de Trabajo para las Acciones de Remoción (RAW, por sus siglas en inglés) para limpiar la contaminación que se encuentra por debajo de la que era anteriormente la Instalación de Uniformes Welch (Sitio) ubicada en el 3505 Pasadena Avenue, Los Ángeles, California. El objetivo del RAW es reducir el riesgo potencial a la salud humana y al medio ambiente y al mismo tiempo abordar la contaminación.

Esta Boleto Informativo proporciona Información sobre:

- Historia y Antecedentes del Sitio
- Por qué la Limpieza es Necesaria
- Plan Propuesto de Limpieza
- Investigaciones Ambientales
- Ley de Calidad del Medio-Ambiental de California (CEQA, por sus siglas en inglés)
- Próximos Pasos

Public Comment Period

El 6 de Septiembre a el 7 de Octubre 2012

Los comentarios por escrito deberán tener el sello postal del 7 de Octubre a más tardar y deberán enviarse a:
Alberto Valmidiano
DTSC
9211 Oakdale Avenue
Chatsworth, California 91311
alberto.valmidiano@dtsc.ca.gov

DTSC

Historial y Antecedentes del Sitio

El dueño actual de la propiedad ubicada en el 3505 Pasadena Avenue, Los Angeles, California (el Sitio), AmeriPride Services Inc., está proponiendo instalar un sistema de extracción de vapor de suelo (SVE, por sus siglas en inglés) para abordar la contaminación de vapor de suelo asociada con los residuos del solvente usado para el lavado en seco en la anterior Instalación de Uniformes Welch.

El consta de un lote baldío ubicado en un área mixta residencial e industrial de Los Angeles, California. . El Sitio tiene linderos al norte con el Canal Arroyo Seco y el Pasadena Freeway (101); al oeste con un derecho de vía ferroviaria; al este con Pasadena Avenue; y al sur con propiedades comerciales.

Actualmente, el Sitio está baldío y no hay edificios en la propiedad. Alrededor del perímetro del Sitio hay una cerca metálica eslabonada y hay un muro de contención de 10 pies de altura a lo largo del lindero noreste del Sitio. Cuatro transformadores eléctricos montados en postes se encuentran en el centro del Sitio. El equipo de medición del gas y agua se encuentra cerca del portón este, y hay un área pavimentada con asfalto de 6,000 pies cuadrados en la porción sureste del Sitio.

El Sitio fue antiguamente una lavenderia comercial del lino y de ropa y servicio de entregas que se estableció alrededor de 1920 y estuvo en operaciones hasta aproximadamente 1988. En 1993, se removieron todos los edificios asociados con la función anterior.

No existen, actualmente, planes de reurbanización para esta propiedad, pero los usos en el futuro pueden incluir proyectos comerciales o industriales.

Investigaciones Ambientales

Se detectó por primera vez el tetracloroeteno (PCE, por sus siglas en ingles) en 1988, cuando concluyeron las perforaciones del suelo y los pozos de extracción de vapor en el Sitio. Esfuerzos subsiguientes de investigación han incluido la recolección de muestras de suelo y de vapor de suelo de numerosas ubicaciones alrededor del sitio, así como la instalación y monitoreo de 14 pozos de monitoreo activos ubicados dentro y fuero del Sitio y 7 puntos de monitoreo de vapor activos en el Sitio. Los pozos de monitoreo y los puntos de vapor de suelo se muestrean y analizan semi-anualmente. Desde el 2007, el Departamento de Control de Sustancias Tóxicas de California ha estado supervisando la investigación, el monitoreo y los esfuerzos de la investigación,el monitoreo y la limpieza del Sitio.

En el 2007, el propietario del Sitio, AmeriPride Services Inc., celebró un acuerdo voluntario con el DTSC para sanear el Sitio y para presentar documentos de planeación y monitoreo al DTSC para su revisión y aprobación.

Por que la Limpieza es Necesaria

El Sitio se encuentra ubicado en un área mixta residencial e industrial de Los Angeles, California. . El Sitio tiene linderos al norte con el Canal Arroyo Seco y el Pasadena Freeway (101); al oeste con un derecho de vía ferroviaria; al este con Pasadena Avenue; y al sur con propiedades comerciales.

Los registros históricos indican que se almacenaron y manejaron en esta instalación, materiales peligrosos, incluyendo solventes para limpieza basados en los hidrocarburos de petróleo, que se usan en el proceso de lavado en seco. Investigaciones previas revelaron la presencia de PCE y de tricloroeteno (TCE) por debajo del Sitio. El PCE se degrada de forma natural en el medio ambiente a TCE; por lo tanto, el TCE que se encuentra presente es probablemente un producto de la degradación del PCE. La exposición a altos niveles de PCE y TCE en el aire en interiores, puede tener como resultado un aumento en el riesgo de cáncer cuando éstos se respiran continuamente por periodos largos de tiempo (generalmente más de 20 años). Las actividades

de limpieza ambiental en el Sitio son necesarias para proteger la salud del público y del medio ambiente.

Plan Propuesto de Limpieza

La extracción de vapor de suelo (SVE, por sus siglas en ingles) es el método propuesto para limpiar el PCE y TCE que se han detectado en los suelos y el gas de suelo por debajo del Sitio. La SVE es una tecnología probada para tratar la contaminación por compuestos volátiles. La SVE se logrará con la instalación de un sistema de extracción de vapor (SVES, por sus siglas en ingles). El SVES incluye la instalación de pozos de extracción del vapor de suelo, el vapor extraído será tratado con carbono activado granular, antes de liberar el gas a la atmósfera. Se monitoreará el SVES para asegurar que el gas que sea liberado a la atmósfera sea tratado exitosamente y que cumpla con las normas y los estándares del Distrito de Manejo de la Calidad de Aire de la Costa Sur. (SCAQMD, por sus siglas en inglés). Bajo la supervisión del DTSC, Ameripride Services Inc. propone instalar un sistema SVE para limpiar el Sitio.

Es probable que el sistema SVE esté en operaciones hasta que se cumplan con las metas de limpieza. El cálculo inicial de tiempo para tratar la contaminación es de aproximadamente 12 a 24 meses. El sistema estará operando hasta que se logren niveles que ya no representen un riesgo significativo.

Ley de Calidad Ambiental de California

De conformidad con la Ley de Calidad Ambiental de California, (CEQA, por sus siglas en inglés), el DTSC deberá evaluar si las acciones propuestas pueden tener algún impacto significativo en la salud humana y en el medio ambiente.

Como parte de la evaluación, el DTSC ha propuesto un Aviso de Exención, el cual indica que el Plan de Trabajo para las Acciones de Remoción no tendrá como resultado un efecto negativo significativo en la salud humana ni en el medio ambiente.

Próximos Pasos

Al concluir el Período para Comentarios del Público, el DTSC revisará y tomará en cuenta todo comentario del público y tomará una decisión final en torno al Plan de Trabajo para las Acciones de Remoción. Se enviará por correo una Respuesta a los Comentarios a toda persona que haya hecho algún comentario y que proporcione su nombre y dirección. Se guardará en los Depósitos de Información enlistados en esta hoja de datos una copia de la Respuesta a los Comentarios.

Una vez que se apruebe el Plan, se construirá el sistema y es probable que empiece el trabajo en el otoño del 2012.

Dónde Encontrar Documentos Sobre el Proyecto

El RAW y otros documentos relacionados están disponibles para revisión por parte del público en los depósitos de información que se enlistan a continuación. El Registro Administrativo está disponible en su totalidad en la Oficina del DTSC de Chatsworth.

Sucursal Lincoln Heights de la
Biblioteca Pública de Los Ángeles
2530 Workmen Street
Los Angeles, California 90031
Teléfono: (323) 226-1692

Departamento de Control de Sustancias Tóxicas
Oficina de Registros Regionales
9211 Oakdale Avenue
Chatsworth, California 91311
Teléfono: (818) 717-6521

Las copias de los reportes técnicos clave, las hojas de datos y otra información relacionada al Sitio también están disponibles en línea en el portal de internet del DTSC: www.envirostor.dtsc.ca.gov/public

Todos los documentos que el DTSC ha puesto a disposición del público pueden estar también disponibles en un formato alterno (i.e. Braille, letra grande, etc.) o en otro idioma, según sea apropiado, de conformidad con las leyes estatales y federales. Favor de comunicarse con Zenzi Poindexter para recibir ayuda.

Con Quien Comunicarse para Recibir Mayor Informacion
Para mayor información sobre el borrador del Plan de Limpieza o para que se le agregue a la lista de correo, favor de comunicarse con alguno de los siguientes representantes del DTSC:

Alberto Valmidiano
Gerente del Proyecto del DTSC
9211 Oakdale Avenue
Chatsworth, California 91311
Teléfono: (818) 717-6611
alberto.valmidiano@dtsc.ca.gov

Zenzi Poindexter
Especialista en Participación Pública del DTSC
9211 Oakdale Avenue
Chatsworth, CA 91311
Teléfono: (818) 717-6568
Llamada gratuita: (866) 495-5651 (oprima el 3 y luego el 4)
uzenzile.poindexter@dtsc.ca.gov

Informacion para la prensa favor de comunicarse con:
Jeanne Garcia
DTSC Funcionaria de Información Pública
9211 Oakdale Avenue
Chatsworth, California 91311
Teléfono: (818) 717-6573
jeanne.garcia1@dtsc.ca.gov

FORMA PARA COMENTARIOS Y CUPÓN PARA ENVIAR POR CORREO

ANTERIOR INSTALACIÓN DE UNIFORMES WELCH
LOS ÁNGELES, CA

Si usted usa esta forma para enviarnos sus comentarios, favor de incluir su nombre y dirección. Todos los comentarios por escrito deberán tener el sello de correo del 7 de Octubre, 2012, a más tardar. Favor de enviar esta forma a:

Alberto Valmidiano
Department of Toxic Substances Control
9211 Oakdale Avenue
Chatsworth, California 91311

También puede enviar esta misma información por correo electrónico a:
alberto.valmidiano@dtsc.ca.gov

Nombre: _____

Dirección: _____

Afiliación (si es que tiene alguna):
_____

Número telefónico (opcional):
_____

Comentarios: (Si necesita más espacio, por favor use otra hoja de papel)

_____

_____

_____

_____

_____

_____

Exhibit I

Welch’s Report 2016

First Semi-Annual 2016 Groundwater and Soil Vapor Monitoring Report

AmeriPride Services Inc.

Former Welch's Uniform Facility
3505 Pasadena Avenue, Los Angeles, California
DTSC CalStars Site Code 301314
Project No. 89698

08/17/2016

First Semi-Annual 2016 Groundwater and Soil Vapor Monitoring Report

prepared for

AmeriPride Services Inc.
Former Welch's Uniform Facility
3505 Pasadena Avenue, Los Angeles, California
DTSC CalStars Site Code 301314

Project No. 89698

08/17/2016

prepared by

Burns & McDonnell Engineering Company, Inc.
Minneapolis-St. Paul, Minnesota

COPYRIGHT © 2016 BURNS & McDONNELL ENGINEERING COMPANY, INC.

SIGNATURE PAGE

First Semi-Annual 2016 Groundwater and Soil Vapor Monitoring Report
Former Welch's Uniform Facility
3505 Pasadena Avenue, Los Angeles, California
DTSC CalStars Site Code 301314

Project No. 89698

SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

The following environmental professionals were responsible for this *First Semi-Annual 2016 Groundwater and Soil Vapor Monitoring Report* for the Former Welch's Uniform Facility located at 3505 Pasadena Avenue, Los Angeles, California.

Mitch Monroe, PG (CA)
Senior Geologist

08/15/2016
Date

Stephanie Ryno, PE (MN)
Environmental Engineer

8/17/16
Date

TABLE OF CONTENTS

Page No.

1.0 INTRODUCTION 3
1.1 PURPOSE 3
1.2 REPORT STRUCTURE 3

2.0 BACKGROUND 4
2.1 SITE DESCRIPTION 4
2.2 GEOLOGY AND HYDROGEOLOGY 5

3.0 SUMMARY OF FIELD ACTIVITIES 6
3.1 GROUNDWATER SAMPLING 6
3.2 SOIL VAPOR POINT SAMPLING 6
3.3 SOIL VAPOR EXTRACTION WELL SAMPLING 7
3.4 SVE SYSTEM OPERATIONS AND SAMPLING 7

4.0 MONITORING RESULTS 9
4.1 GROUNDWATER SAMPLING RESULTS 9
4.1.1 GROUNDWATER SAMPLING RESULTS IN AOC#1 9
4.1.2 GROUNDWATER SAMPLING RESULTS IN AOC#2 10
4.1.3 GROUNDWATER SAMPLING RESULTS IN AOC#3 10
4.1.4 GROUNDWATER SAMPLING RESULTS IN AOC#4 11
4.2 SOIL VAPOR POINT SAMPLING RESULTS 11
4.2.1 SOIL VAPOR POINT SAMPLING RESULTS IN AOC#1 13
4.2.2 SOIL VAPOR POINT SAMPLING RESULTS IN AOC#2 13
4.2.3 SOIL VAPOR POINT SAMPLING RESULTS IN AOC#3 14
4.2.4 SOIL VAPOR POINT SAMPLING RESULTS IN AOC#4 14
4.3 SOIL VAPOR EXTRACTION WELL SAMPLING RESULTS 15
4.4 SVE SYSTEM OPERATIONAL AND SAMPLING RESULTS 15

5.0 NATURAL ATTENUATION 16
5.1 GROUNDWATER 16

6.0 RECOMMENDATIONS AND CONCLUSIONS 17

TABLE OF CONTENTS (continued)

LIST OF FIGURES

Figure No.	Figure Title
Figure 1:	Site Location Map
Figure 2:	SVE System and Well Locations
Figure 3:	Groundwater Contour Map, First Semi-Annual 2016
Figure 4:	VOC's in Groundwater, First Semi-Annual 2016
Figure 5:	Remediation System Specifications: Process and Instrumentation Diagram
Figure 6:	VOCs in Soil Vapor Points, Six Months After SVE Shutdown
Figure 7:	SVE System: Combined Influent PCE Concentrations
Figure 8:	SVE System: Mass Removal Chart, Pounds Removed Per Day
Figure 9:	SVE System: Mass Removal Chart, Pounds Removed To-Date

LIST OF TABLES

Table No.	Title
Table 1A:	Monitoring Well Construction Details
Table 1B:	Soil Vapor Point Construction Details
Table 2:	Groundwater Elevations
Table 3:	Groundwater Monitoring Well Sampling Information
Table 4:	Groundwater Quality Parameters
Table 5:	Groundwater Analytical Results
Table 6:	Historical Natural Attenuation Parameters
Table 7:	Soil Vapor Analytical Results
Table 8:	SVE System: Operational Data
Table 9:	SVE System: Operations Log
Table 10:	SVE System: Combined Influent Analytical Results
Table 11:	SVE System: Between GAC Adsorbers Analytical Results
Table 12:	SVE System: Stack Effluent Analytical Results

LIST OF APPENDICES

APPENDIX A - Analytical Reports
APPENDIX B - Groundwater Field Logs
APPENDIX C - Non-Hazardous Water Transport Form
APPENDIX D - Groundwater Concentration Trend Graphs/Hydrographs
APPENDIX E - Soil Vapor Trend Graphs

* * * * *

1.0 INTRODUCTION

1.1 PURPOSE

Burns & McDonnell Engineering Company, Inc. (Burns & McDonnell), on behalf of AmeriPride Services Inc. (AmeriPride), has prepared this *First Semi-Annual 2016 Groundwater and Soil Vapor Monitoring Report* (Report). This Report summarizes the groundwater and soil vapor monitoring activities conducted in association with the Former Welch's Uniform Facility located at 3505 Pasadena Avenue, Los Angeles, California (Site). The Site is associated with the Department of Toxic Substances Control (DTSC) CalStars Site Code 301314.

The soil vapor extraction (SVE) system at the Site was installed as part of the implementation of the Removal Action Work Plan (RAW) approved in correspondence by the California DTSC on October 18, 2012. The RAW was prepared in accordance with a Voluntary Cleanup Agreement executed between the DTSC and AmeriPride on June 17, 2007 (Docket No. HSA-VCA 06/07-204). The SVE system, which extracted contaminant vapors from eleven SVE wells at the Site, was in operation from December 6, 2013, until July 17, 2015. The extracted vapors were treated and discharged to the atmosphere under South Coast Air Quality Management District (SCAQMD) Permit No. G27490 dated October 1, 2013.

1.2 REPORT STRUCTURE

This Report includes a discussion of 2016 semi-annual groundwater and soil vapor sampling activities. Specific components include:

- **Section 1.0 Introduction** provides an overview and description of the purpose and scope of the Report.
- **Section 2.0 Background** includes a brief Site description and a presentation of physical characteristics of the Site.
- **Section 3.0 Summary of Field Activities** includes a discussion of sampling activities and summarizes the SVE system operation history.
- **Section 4.0 Monitoring Results** presents analytical results from the semi-annual groundwater monitoring and vapor sampling.
- **Section 5.0 Natural Attenuation** includes a discussion of the analytical results and evaluation of natural attenuation.
- **Section 6.0 Recommendations and Conclusions** presents recommendations for future actions and a summary of key actions for the Site.

2.0 BACKGROUND

2.1 SITE DESCRIPTION

The Site is located at 3505 Pasadena Avenue, Los Angeles, California at latitude and longitude coordinates 34º5'9" North and 118º12'48" West, respectively (**Figure 1**).

The Site consists of an approximate 2.6-acre vacant parcel located in a mixed residential and industrial area of Los Angeles, California. The Site is bordered on the north by the Arroyo Seco Channel and the Pasadena Freeway (Interstate-110); on the west by a railroad right-of-way; on the east by Pasadena Avenue; and on the south by commercial properties. The Site is surrounded by a chain-link fence around the perimeter, with a retaining wall in the northeast corner of the Site boundary. Four pole-mounted electrical transformers are located in the center of the Site. Gas and water metering equipment are located near the east gate, and a 6,000 square foot area of asphalt pavement is located in the southeast portion of the Site. The SVE system and associated equipment are located within a 1,400 square foot fenced area in the northeast portion of the Site. The Site contains eleven SVE wells, fourteen operable groundwater monitoring wells, and eight soil vapor monitoring points (SVP) (each nested with sampling points at four discreet depths). Additionally, there are four operable groundwater monitoring wells located off-site. Site features, including the SVE system and well locations, are depicted on **Figure 2**.

There are four designated Areas-of-Concern (AOC) at the Site which relate to former site building locations and facility operations, described as follows:

- **AOC#1**: AOC#1 is a former motor vehicle fueling area, located in the east-central portion of the Site.
- **AOC#2**: AOC#2 is a former dry cleaning area and cleaning solvent storage area located on the northeast portion of the Site.
- **AOC#3**: AOC#3 is a former driveway area located on the northwest portion of the Site and west of AOC#2.
- **AOC#4**: AOC#4 is located in the southwest corner of the Site.

The AOCs at the Site are shown on **Figures 2, 3, 4, 6 and 7**. As discussed in the *Removal Action Work Plan* dated October 8, 2012, active remediation was necessary only in AOC#2.

2.2 GEOLOGY AND HYDROGEOLOGY

The elevation of the Site is approximately 366 feet above mean sea level. Topography of the site is relatively level with a slight slope to the west.

The Site is located at the west end of the Repetto Hills near the confluence of the Arroyo Seco Channel and the Los Angeles River. The sediments that underlie the Site have been identified at Quaternary alluvial stream channel deposits consisting of unconsolidated silts, sands, and gravels. Soils encountered in borings and excavations associated with the Site consist of gravels and fine to coarse-grained sand. Coarse gravel and cobbles have been encountered during excavation in the upper two feet of soils in the northeast portion of the Site. The sedimentary bedrock that underlies the Site is Puente Formation sandstone and is present at approximately 83 feet below ground surface (bgs).

Previous subsurface investigations at the Site indicate that the water table is present at approximately 35 feet bgs. The local groundwater gradient at the Site has consistently been to the southwest as depicted on **Figure 3**.

* * * * *

3.0 SUMMARY OF FIELD ACTIVITIES

3.1 GROUNDWATER SAMPLING

There are eighteen groundwater monitoring wells associated with the Site (**Table 1A**). The groundwater monitoring wells are generally completed at two horizons. The groundwater monitoring wells screened in the shallow horizon are completed at depths ranging from 45 to 70 feet bgs. The groundwater monitoring wells screened in the deep groundwater horizon are completed at depths ranging from 89 to 93 feet bgs.

The First Semi-Annual 2016 groundwater sampling activities were completed on March 15 and 16, 2016. Groundwater elevations (**Table 2**) were measured in 17 monitoring wells and groundwater samples (**Table 3**) were collected from 15 monitoring wells. The groundwater elevation was unable to be measured at MW-8A due to the well being covered by asphalt. The monitoring wells were purged using a 2-inch submersible Grundfos pump using dedicated tubing. Groundwater samples were collected after water quality parameters stabilized and a minimum of three well volumes were purged. Field parameters are summarized in **Table 4**. After purging, groundwater samples were collected with new disposable bailers and transferred to laboratory-supplied sampling vessels. All groundwater samples were analyzed for volatile organic compounds (VOCs) by United States Environmental Protection Agency (US EPA) Method 8260B by Eurofins Calscience, Inc. (Eurofins), a California State Certified laboratory. Groundwater analytical results are summarized in **Table 5** and historical Natural Attenuation parameters are summarized in **Table 6**. Analytical Reports and are provided in **Appendix A**. Groundwater field logs are provided in **Appendix B.**

Purge water from groundwater monitoring wells and decontamination fluids were temporarily stored in two polyethylene tanks located in the secured parking area of the Site; pending off-site disposal at Inviro-Tech Disposal located in Lincoln, California (**Appendix C**).

3.2 SOIL VAPOR POINT SAMPLING

There are eight SVP clusters at the Site, with screens set at depths of 5, 10, 20, and 30 feet bgs at each point (**Table 1B**). Five of the soil vapor monitoring points are associated with the SVE system's rebound testing: VP-1, VP-3, VP-4R, VP-5 and VP-6. These five SVP's were sampled on January 18 and 19, 2016, as part of the six month after SVE shutdown rebound testing at the Site. Refer to **Sections 3.4, 4.2, and 6.0** for additional information regarding the SVE rebound testing events. The SVP clusters were purged, sampled, and analyzed on-Site for VOCs by US EPA Method TO-15. Soil vapor analytical results are listed in **Table 7**. The SVPs were purged at least five volumes of the SVP tubing prior to sample collection. Analytical Reports are provided in **Appendix A**. Soil vapor results in the analytical

reports are documented in micrograms per Liter (µg/L) while this report discusses soil vapor results in micrograms per cubic meter (µg/m^3).

3.3 SOIL VAPOR EXTRACTION WELL SAMPLING

There are eleven SVE wells at the Site. Each SVE well contains a 10-foot screen set between approximately 20 and 30 feet bgs (**Table 1B**). The eleven SVE wells are connected to the SVE system via underground polyvinylchloride (PVC) piping, and SVE well sampling is conducted at the SVE system's manifold using ¼ -inch Teflon tubing, Swagelok fittings and vacuum canisters. Sampling of the SVE wells (SVE-1 through SVE-11) was not conducted during the First Semi-Annual 2016 sampling event due to the SVE system being shut down since July 2015 for rebound testing. Additional details regarding the shutdown and rebound testing are included in **Sections 3.4, 4.2, and 6.0**. Historical soil vapor analytical results are presented in **Table 7**.

3.4 SVE SYSTEM OPERATIONS AND SAMPLING

The SVE system was installed during November and December 2013 and began continuous operation on December 6, 2013. The SVE system extracts contaminant vapors from eleven SVE wells at the Site using a 20-horsepower positive displacement blower. The eleven wells are connected to the system via 3-inch PVC piping. The extracted vapors from each point are combined at the system's intake manifold prior to passing through a vapor liquid separator to recover condensate entrained in the vapor stream. SVE emissions are treated using two 3,000 pound vapor-phase granular activated carbon (GAC) adsorbers, operated in series, prior to discharge to the atmosphere via a 15-foot exhaust stack. The vapor extracted from the SVE system is treated and discharged to the atmosphere under SCAQMD Permit to Construct/Operate No. G27490, dated October 1, 2013. A process and instrumentation diagram of the SVE system is included as **Figure 5**.

Due to the significant decrease in SVE mass removal rates and soil gas concentrations at the Site, the SVE system was shut down to conduct rebound testing. The testing is being conducted to assess soil gas concentrations in the soil vapor monitoring points without the SVE system operating in order to monitor potential rebound and evaluate the SVE system for permanent shutdown. As outlined in the *Calculation of Site-Specific Soil Gas Cleanup Goals* letter, and per phone conversation with the DTSC on July 16, 2015, the SVE system was shut down for rebound testing on July 17, 2015. Additional details regarding the shutdown and rebound testing are discussed in **Sections 4.2 and 6.0**.

While the system was in operation, photoionization detector (PID) readings were taken from each of the eleven extraction points in order to provide an indication of the relative concentration of contaminants in the vapor being extracted from each point. The flow rates at the eleven extraction points were set to maximize air flow from the SVE wells with the highest concentrations in order to maximize mass removal. Historical operational data collected from the SVE system, including vacuum readings at the manifold and wellheads, PID readings, temperatures, and flow rates, is summarized in **Table 8**. **Table 9** summarizes the operational history of the SVE system.

Prior to the SVE system shut down on July 17, 2015 for rebound testing, soil vapor samples were collected from three locations within the SVE system in order to obtain emissions data to calculate contaminant mass removal and to maintain compliance with the SCAQMD Permit to Construct/Operate. While in operation, soil vapor samples were collected on a monthly basis from the SVE system's combined influent, between the GAC adsorbers, and at the SVE system's stack effluent (**Figure 5**). Historical analytical data from these three sample locations are shown on **Table 10, Table 11, and Table 12,** respectively.

*** * * * ***

4.0 MONITORING RESULTS

4.1 GROUNDWATER SAMPLING RESULTS

As described previously in **Section 2.2**, there are four designated AOCs at the Site (**Figure 2**) which relate to former site building locations and facility operations. The AOCs are defined as follows: AOC#1 – Former Motor Vehicle Fueling Area; AOC#2 – Former Dry Cleaning Area; AOC#3 – Former Driveway Area: and AOC#4 – Southwest Corner of Site. The sections below discuss detections in groundwater by AOC.

Groundwater elevations, water quality parameters, and analytical results are summarized in **Tables 2, 4, and 5**, respectively. March 2016 groundwater contours are depicted on **Figure 3**, and VOC concentrations from the March 2016 sampling event are shown on **Figure 4.** Groundwater concentration trend graphs/hydrographs are provided in **Appendix D**. A summary of the March 2016 groundwater elevations and groundwater analytical results is provided below:

Summary of Groundwater Elevations and Analytical Results

Groundwater depths ranged from:	36.27 ft. (MW-16C) to 42.91 ft. (MW-13B) below top of well casing
Groundwater elevations ranged from:	329.12 ft. (MW-3) to 314.34 ft. (MW-15) above mean sea level
Groundwater Direction and Gradient	Southwest, 0.01
Highest PCE concentration (observed in):	12 micrograms per liter (µg/L) (MW-16A)
Highest TCE concentration (observed in):	4.3 µg/L (MW-16A)
Highest cis-1,2-DCE concentration (observed in):	13 µg/L (MW-10A)
Highest trans-1,2-DCE concentration (observed in):	All samples below the laboratory detection limits

PCE = tetrachloroethene

TCE = trichloroethene

cis-1,2-DCE = cis-1,2-dichloroethene

trans-1,2-DCE = trans-1,2-dichloroethene

4.1.1 Groundwater Sampling Results in AOC#1

The one groundwater well located within AOC#1 (K-1) was sampled in March 2016. K-1 is screened in the shallow groundwater horizon. In March 2016, no VOCs were detected above the laboratory method detection limits (MDLs) at K-1 with the exception of PCE with a concentration of 1.1 µg/L. The PCE

concentration has generally decreased in monitoring well K-1; from 187 µg/L in 1998 to below the California EPA maximum contaminant level (MCL) of <5.0 µg/L since March 2013.

4.1.2 Groundwater Sampling Results in AOC#2

The one groundwater well located within AOC#2 (MW-3) was sampled in March 2016. MW-3 is screened in the shallow groundwater horizon. At MW-3, PCE was detected at 7.4 µg/L in March 2016. The PCE concentration at MW-3 has decreased from a historical high of 5,100 µg/L in 2005. TCE, which had a historical high concentration of 180 µg/L in 2001, has been below the MDL of <1.0 µg/L for the past five consecutive sampling events. The cis-1,2-DCE and trans-1,2-DCE concentrations at MW-3 have also been below the MDL of <1.0 µg/L for the past five consecutive sampling events.

4.1.3 Groundwater Sampling Results in AOC#3

The four groundwater wells located within AOC#3 (MW-11, MW-16A, MW-16B, and MW-16C) were sampled in March 2016. In addition, MW-12, located approximately 30 feet west of AOC#3, was sampled in March 2016. Wells MW-11, MW-16A, MW-16B and MW-12 are screened in the shallow groundwater horizon, while MW-16C is screened in the deeper groundwater horizon.

Overall VOC concentrations in the wells of AOC#3 are trending downward. At MW-11, the PCE concentration was 9.3 µg/L in March 2016. The maximum historical PCE concentration at MW-11 was 130 µg/L in 2001. TCE, cis-1,2-DCE, and trans-1,2-DCE concentrations have been below the MDL of <1.0 µg/L at MW-11 since March 2014.

At MW-16A, the PCE concentration was 12 µg/L during both the March 2015 and March 2016 sampling events. The TCE and cis-1,2-DCE concentrations at MW-16A in March 2016 decreased compared to the March 2015 concentrations. At MW-16B, PCE was detected with a concentration of 2.5 µg/L and TCE was detected with a concentrations of 1.5 µg/L, which were both below the California EPA MCLs of 5.0 µg/L. The cis-1,2-DCE concentration at MW-16B has been below the MDL of <1.0 µg/L for the past two sampling events. No VOCs were detected at MW-16C in March 2016. VOCs have been below the MDL of <1.0 µg/L since March 2013.

At MW-12, the PCE and TCE concentrations in March 2016 were 7.8 µg/L and 4.2 µg/L, respectively, which is an overall decrease compared to a historical high PCE concentration of 610 µg/L and a TCE concentration of 1,900 µg/L in 2005. The cis-1,2-DCE concentration at MW-12 in March 2016 was 2.0

µg/L, which is the lowest detection at that well to date. The trans-1,2-DCE concentration at MW-12 was below the MDL of <1.0 µg/L for the fourth consecutive sampling event.

4.1.4 Groundwater Sampling Results in AOC#4

AOC#4 is located in the southwest corner of the property and is down-gradient of the source area. The source area is the location of the former underground storage tanks in the vicinity of AOC#1, AOC#2 and AOC#3. Groundwater wells MW-10A and MW-10B are located to the east of AOC#4, and were sampled in March 2016. MW-10A is screened in the shallow groundwater horizon, and MW-10B is screened in the deeper groundwater horizon.

PCE has decreased in MW-10A from 306 µg/L in 1998 to 3.5 µg/L in the March 2016 sampling event. The PCE concentration at MW-10A has been below the California EPA MCLs of 5.0 µg/L for the past four consecutive sampling events. TCE has decreased in MW-10A from 463 µg/L in 1998 to 2.9 µg/L in March 2016. Cis-1,2-DCE has decreased in MW-10A from 1,680 µg/L in 1998 to 13 µg/L in March 2016. PCE has decreased in MW-10B from 70 µg/L in 1998 to below the MDL of <1.0 µg/L in March 2016. The PCE concentration has been below the MDL of <1.0 µg/L at MW-10B since November 2013. TCE has decreased from 47 µg/L in 1999 to below the MDL of <1.0 µg/L in March 2016, which is the lowest detection of TCE in MW-10B to date.

4.2 SOIL VAPOR POINT SAMPLING RESULTS

In March 2015, the *Calculation of Site-Specific Soil Gas Cleanup Goals* letter was submitted to the DTSC. In the letter, soil gas cleanup goals for the SVE system were proposed that would result in concentrations with no unacceptable risk from long term exposure. The site-specific cleanup goals were calculated in general accordance with the DTSC's *Final Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air,* dated October 2011, and the DTSC's March 2014 *Screening-Level Model for Soil Gas Contamination.* The site-specific soil gas cleanup goals for PCE, TCE, cis-1,2-DCE, and vinyl chloride were calculated for each of the monitoring depths of 5, 10, 20, and 30 feet bgs, and are presented as follows:

Summary of Acceptable Risk-Based Soil Gas Concentrations

	5 feet bgs	10 feet bgs	20 feet bgs	30 feet bgs
PCE	42,000 µg/m³	70,000 µg/m³	125,000 µg/m³	180,000 µg/m³
TCE	15,000 µg/m³	23,000 µg/m³	40,000 µg/m³	57,000 µg/m³

Cis-1,2-DCE	47,000 µg/m³	70,000 µg/m³	116,000 µg/m³	163,000 µg/m³
Vinyl Chloride	2,200 µg/m³	3,200 µg/m³	5,100 µg/m³	7,100 µg/m³

The soil gas cleanup goal concentrations were conservatively calculated using California-specific toxicity values, as well as conservative default model parameters for soil type, building dimensions, and exposure scenarios. Prior to operation of the SVE system, PCE was detected at concentrations ranging up to 3,000,000 µg/m^3 in VP-1-30 in 2011. However, since operation of the SVE began in December 2013, VOC concentrations have remained below the proposed risk-based soil gas concentrations presented above. The historical soil vapor analytical data for the Site compared to the proposed soil gas cleanup goals are presented in **Table 7**.

As outlined in the *Calculation of Site-Specific Soil Gas Cleanup Goals* letter, and per phone conversation with the DTSC on July 16, 2015, the SVE system was shut down for rebound testing on July 17, 2015. In September 2015, the *SVE System Rebound Testing Work Plan* letter was submitted to the DTSC in order to provide additional details regarding the soil vapor rebound testing at the Site. Shutting down the system for rebound testing is intended to assess soil gas concentrations in the soil vapor monitoring points without the SVE system operating in order to monitor potential rebound and evaluate the SVE system for permanent shutdown. The five soil vapor monitoring points associated with the SVE system's rebound testing are VP-1, VP-3, VP-4R, VP-5, and VP-6.

The first soil gas rebound test occurred in October 2015 (three months after the SVE system's shutdown) to coincide with the Site's Second Semi-Annual 2015 sampling event, and the second soil gas rebound test occurred on January 18 and 19, 2016, six months after the SVE system was shut down. All soil gas concentrations observed during the rebound testing period were below the soil gas cleanup goals, with little to no rebound in concentration. Therefore, since the proposed target cleanup goals were still being met six months after shutdown, the remaining cumulative cancer risk and hazard index risk for the chemicals of potential concern (COPCs) were evaluated and determined to be below the target cancer risk and noncancer hazard limits. For additional information regarding this evaluation and request for SVE decommissioning and Site closure, refer to the *Request for NFA of the SVE System and Site Closure*, dated April 20, 2016.

The sections below discuss detections in soil vapor by AOC (which are described in **Section 2.2**) for the six month after shutdown rebound testing event that occurred in January 2016 at VP-1, VP-3, VP-4R, VP-5, and VP-6. The analytical results for VOCs in soil vapor at 5 feet, 10 feet, 20 feet and 30 feet are

summarized in **Table 7** and **Figure 6**. Soil vapor concentration trend graphs are provided in **Appendix E**. A summary of the January 2016 soil vapor analytical results is provided below:

Summary of Soil Vapor Sampling Results

Highest PCE concentration (observed in):	47,000 µg/m^3 (VP-1-30)
Highest TCE concentration (observed in):	6,200 µg/m^3 (VP-3-30)
Highest cis-1,2-DCE concentration (observed in):	70,000 µg/m^3 (VP-3-30)
Highest trans-1,2-DCE concentration (observed in):	All samples below the laboratory detection limits

Note: The Vapor Point naming convention includes the depth in feet. Example: "VP-1-30 (Vapor Point One at Thirty Feet)"

4.2.1 Soil Vapor Point Sampling Results in AOC#1

There is one SVP well cluster (VP-6) located within AOC#1 with wells screened at 5, 10, 20, and 30 feet bgs. In January 2016, PCE was detected at all depths in VP-6 with concentrations ranging from 270 µg/m^3 in VP-6-5 to 2,200 µg/m^3 in VP-6-20. PCE concentrations decreased at the 5, 10, and 30 foot depths compared to the October 2015 sampling event when concentrations at VP-6 ranged from 510 µg/m^3 at VP-6-5 to 2,200 µg/m^3 at VP-6-30. Prior to the operation of the SVE system, the highest historical detection of PCE in VP-6 was 91,000 µg/m^3 in VP-6-30 in 2008. The highest historical detection of TCE at VP-6 was 9,200 µg/m^3 in VP-6-30 in 2008. In January 2016, TCE was detected at the 20 and 30 foot depths with concentrations of 150 µg/m^3 and 160 µg/m^3, respectively. The TCE concentration at VP-6-5 was below the MDL of <80 µg/m^3 for the fifth consecutive sampling event.

4.2.2 Soil Vapor Point Sampling Results in AOC#2

SVP well clusters VP-1, VP-3, VP-4R are located in AOC#2, with wells screened at 5, 10, 20, and 30 feet bgs at each point. Historically, the highest PCE soil vapor concentrations at the Site have been observed at VP-1. Prior to operation of the SVE system, the highest historical detection of PCE in VP-1 was 3,000,000 µg/m^3 in VP-1-30 in 2011. In January 2016, PCE was detected at all depths in VP-1 with concentrations ranging from 5,300 µg/m^3 in VP-1-5 to 47,000 µg/m^3 in VP-1-30. Although PCE concentrations increased slightly at the 5, 10, and 30 foot depths in January 2016 compared to the October 2015 sampling event, the concentrations at VP-1 were still well below the soil gas cleanup goals. In January 2016, TCE was detected at all depths in VP-1 with concentrations ranging from 80 µg/m^3 in VP-1-5 to 410 µg/m^3 in VP-1-30. The highest historical detection of TCE in VP-1 was 110,000 µg/m^3 in VP-1-30 in 2008.

In January 2016, PCE was detected at all depths in VP-3 with concentrations ranging from 280 µg/m^3 at VP-3-5 to 16,000 µg/m^3 at VP-3-30. Although PCE concentrations increased slightly at each depth in January 2016 compared to the October 2015 sampling event, the concentrations at VP-3 were still well below the soil gas cleanup goals. Prior to the operation of the SVE system, the highest historical detection of PCE in VP-3 was 170,000 µg/m^3 in VP-3-20 in 2011. In January 2016, TCE was detected at the 10, 20, and 30 foot depths with concentrations of 160 µg/m^3, 1,800 µg/m^3, and 6,200 µg/m^3, respectively. The highest historical detection of TCE in VP-3 was 60,000 µg/m^3 in VP-3-30 in 2011. Cis-1,2-DCE was detected at VP-3-20 with a concentration of 670 µg/m^3, and also at VP-3-30 with a concentration of 70,000 µg/m^3, which was the highest cis-1,2-DCE concentration detected during the January 2016 sampling event (although still well below the soil gas cleanup goal).

When VP-4R was installed in October 2013, PCE concentrations ranged from 41,000 µg/m^3 in VP-4R-5 to 280,000 µg/m^3 in VP-4R-30, and TCE concentrations ranged from 1,400 µg/m^3 in VP-4R-5 to 38,000 µg/m^3 in VP-4R-30. In January 2016, PCE concentrations ranged from 490 µg/m^3 in VP-4R-5 to 7,100 µg/m^3 in VP-4R-30. TCE concentrations were observed at VP-4R-20 and VP-4R-30 in January 2016 with concentrations of 190 µg/m^3 and 170 µg/m^3, respectively.

4.2.3 Soil Vapor Point Sampling Results in AOC#3

SVP well clusters VP-2 and VP-5 are located in AOC#3 with wells intervals at 5, 10, 20, and 30 feet bgs. VP-5 was sampled in January 2016 as part of the soil gas rebound testing event. PCE was detected at all depths in VP-5 with concentrations ranging from 320 µg/m^3 in VP-5-5 to 1,500 µg/m^3 in VP-5-30. PCE concentrations decreased at the 5 and 20 foot depths compared to the October 2015 sampling event when concentrations ranged from 400 µg/m^3 in VP-5-5 to 1,300 µg/m^3 in VP-5-20. Prior to the operation of the SVE system, the highest historical detection of PCE at VP-5 was 36,000 µg/m^3 in VP-5-20 in 2011. In January 2016, TCE was detected at the 20 and 30 foot depths with concentrations of 250 µg/m^3 and 290 µg/m^3, respectively. Prior to operation of the SVE system, the highest historical detection of TCE in VP-5 was 35,000 µg/m^3 in VP-5-20 in 2011.

4.2.4 Soil Vapor Point Sampling Results in AOC#4

SVP well cluster VP-7, the only SVP within AOC#4, has wells screened at 5, 10, 20, and 30 feet bgs. VP-7 was not sampled in January 2016 as part of the soil gas rebound testing event. In October 2015, PCE concentrations at VP-7 ranged from 2,600 µg/m^3 in VP-7-10 to 3,400 µg/m^3 in VP-7-30.

4.3 SOIL VAPOR EXTRACTION WELL SAMPLING RESULTS

SVE-1 through SVE-11 were installed in October 2013 as part of the SVE system installation. Each extraction well contains 10-foot screens set between approximately 20 and 30 feet bgs. SVE-1 through SVE-7 are located within the general area of AOC#2, SVE-8 and SVE-10 are located within the general area of AOC#1, and SVE-9 and SVE-11 are located within the general area of AOC#3. As discussed previously in **Section 3.3**, the eleven SVE wells were not sampled due to the SVE system being shut down since July 2015 for rebound testing. Historical analytical results for VOCs in soil vapor are summarized in **Table 7**.

4.4 SVE SYSTEM OPERATIONAL AND SAMPLING RESULTS

Since startup of the SVE system in December 2013, concentrations observed at several of the SVE wells have decreased significantly. While the SVE system was operating, the flow rates at the extraction points were set to maximize air flow from the SVE points with the highest concentrations in order to maximize mass removal. Prior to shut down for rebound testing on July 17, 2015, the SVE system had been operating by monthly cycling of the SVE points between two separate sets of SVE points since November 2014 in order to further optimize the system's operations and mass removal. Historical operational data from the SVE system is summarized in **Table 8**. **Table 9** summarizes the operational history of the SVE system from startup through the system's shutdown in July 2015.

Prior to shutting down the system for rebound testing, soil vapor samples were collected from the SVE system's combined influent, between the GAC adsorbers, and the SVE systems' stack effluent. Historical analytical data from the SVE system's combined influent, between the two GAC treatment vessels, and the SVE system's stack effluent are summarized in **Tables 10, 11, and 12**, respectively.

The mass of VOCs removed from the subsurface were calculated using the combined influent concentrations, average flow rate, and hours of operation. When the SVE system was initially started for equipment testing procedures in December 2013, the PCE mass removal was approximately 9 to 13 pounds of PCE per day. Prior to shutting down the system for rebound testing, the PCE mass removal rate ranged from approximately 0.16 to 0.23 pounds of PCE per day (**Table 10** and **Figure 8**). Through July 17, 2015, the SVE system removed approximately 195 pounds of PCE and approximately 254 pounds of total VOCs from the subsurface (**Table 10** and **Figure 9**).

*** * * * ***

5.0 NATURAL ATTENUATION

5.1 GROUNDWATER

The water quality parameters, including oxygen reduction potential (ORP) and dissolved oxygen (DO), are summarized in **Table 4**. The historical natural attenuation parameters nitrate, sulfate, ferrous iron and methane are presented in **Table 6**.

The groundwater concentration trend graphs presented in **Appendix D** show a decreasing trend of PCE, TCE, and cis-1,2-DCE concentrations over time in all the monitoring wells with detectable VOC concentrations. This indicates the residual VOC plume in attenuating over time. Biodegradation of PCE can occur under anaerobic conditions via reductive dechlorination sequentially to TCE, cis-1,2-DCE, trans-1,2-DCE, vinyl chloride and finally ethene. Water quality parameters, the concentrations of daughter products, and the ratio of the sum of daughter product concentrations to the concentrations of PCE were used to evaluate biodegradation in the groundwater plume. The DO concentrations measured at onsite wells near the source area, located in the northeast portion of the Site, were generally above 1 mg/L and might indicate that conditions are aerobic and not conducive to reductive dechlorination. However, indications of reductive dechlorination of the PCE plume have been observed down gradient of the source area including low DO concentrations, low or negative ORP readings and elevated daughter product to parent ratios. Historically, MW-9A has exhibited the strongest indications of reductive dechlorination with a DO concentration of 0.77 mg/L and a daughter product to parent ratio of 7.63 when last sampled in March 2016. At MW-9A, the ORP measurement was 33 millivolts (mV) in March 2016, but the historical ORP measurements have been negative. In addition, elevated daughter product to parent ratios have been observed at wells MW-7, MW-10A, MW-12, and MW-16A.

* * * * *

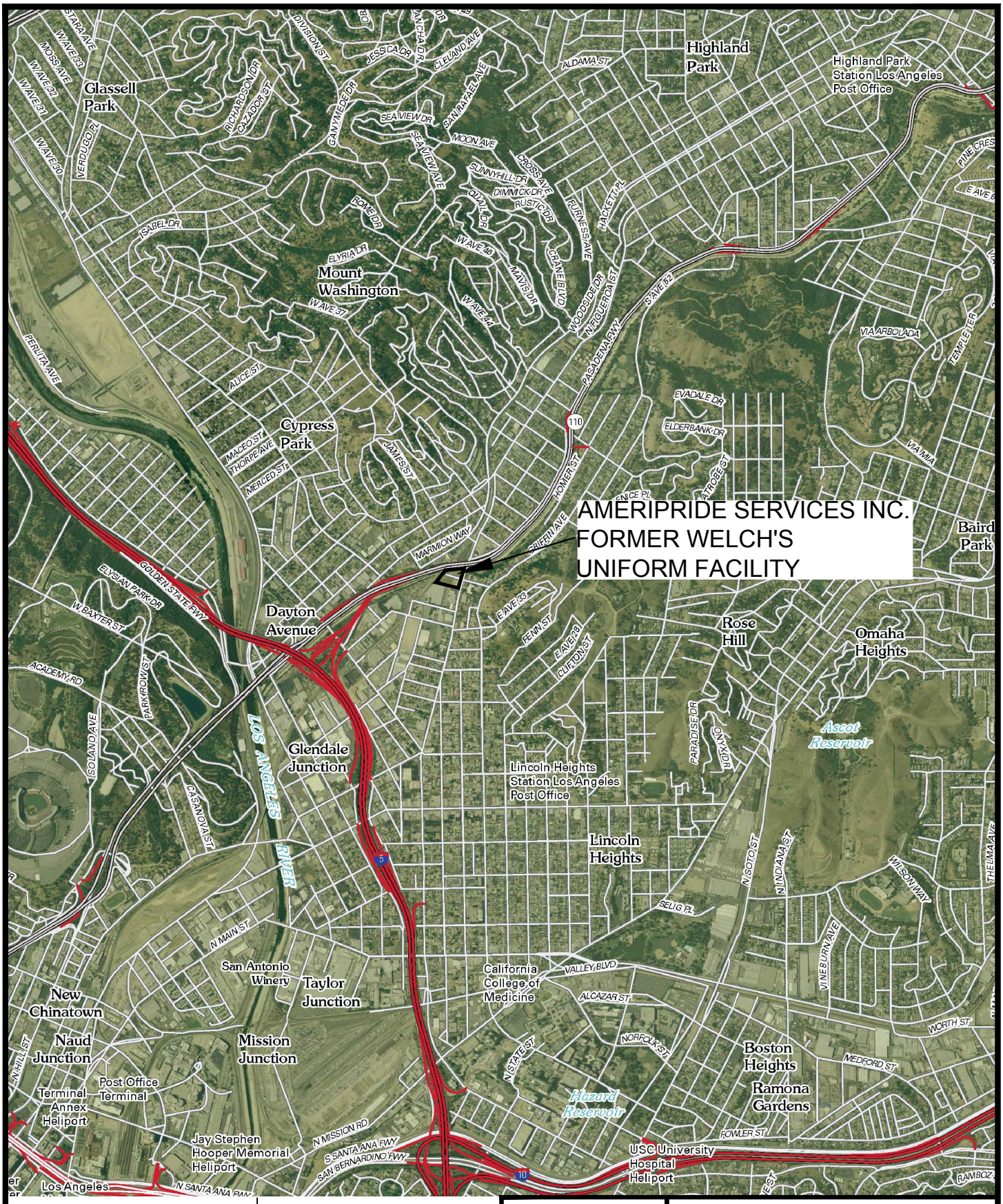
6.0 RECOMMENDATIONS AND CONCLUSIONS

Based on the performance of the soil vapor extraction system and the sampling results to date, the following is recommended or has occurred at the Site:

- As presented in the *Request for NFA of the SVE system and Site Closure* letter dated April 20, 2016, the cumulative COPC cancer risk for all depths was below the target cancer risk of less than or equal to 1 x 10^{-5}, and the cumulative COPC noncancer hazard (hazard index) for all sampling depths is below the target noncancer hazard (hazard index) of less than or equal to 1.0. Therefore, since the remedial action has been met, permanent shutdown and no further action (NFA) of the SVE system was requested, in addition to well decommissioning and Site closure. On June 21, 2016, Burns & McDonnell met with DTSC personnel regarding the NFA and Site Closure request. During the meeting, it was agreed upon that the remedial objective presented in the RAW had been met for commercial/industrial land use and that no further active remediation was needed. It was also agreed that the SVE system could be decommissioned as long as a land use covenant (LUC) is prepared, limiting Site land use to commercial/industrial. The DTSC indicated that they will prepare a letter stating that the SVE system can be decommissioned, provide Burns & McDonnell an example LUC letter, and provide suggestions for future groundwater monitoring at the Site that could be incorporated into a future agreement.
- As discussed above, the DTSC indicated that they are currently preparing a letter stating NFA for the SVE system and that the SVE system can be decommissioned. It is anticipated that the SVE system will be decommissioned and removed from the Site and the soil vapor points abandoned by the end of 2016.
- As stated in previous monitoring reports, it was recommended to abandon and seal MW-2, MW-8A, and MW-9B based on VOC concentrations below the California EPA MCLs for several years. The wells have been removed from the annual monitoring plan, and upon DTSC approval, we will schedule the abandonment. Additional monitoring wells to be abandoned will be discussed depending on the DTSC suggestions regarding the future groundwater monitoring schedule at the Site, and will likely be abandoned during the SVE decommissioning event by the end of 2016. The Second Semi-Annual 2016 groundwater monitoring event is tentatively scheduled for September 2016; however, groundwater monitoring may be changed to an annual basis only, and therefore would not occur until March 2017. The sampling schedule will depend upon the DTSC suggestions regarding the continued groundwater monitoring at the Site.

* * * * *

FIGURES

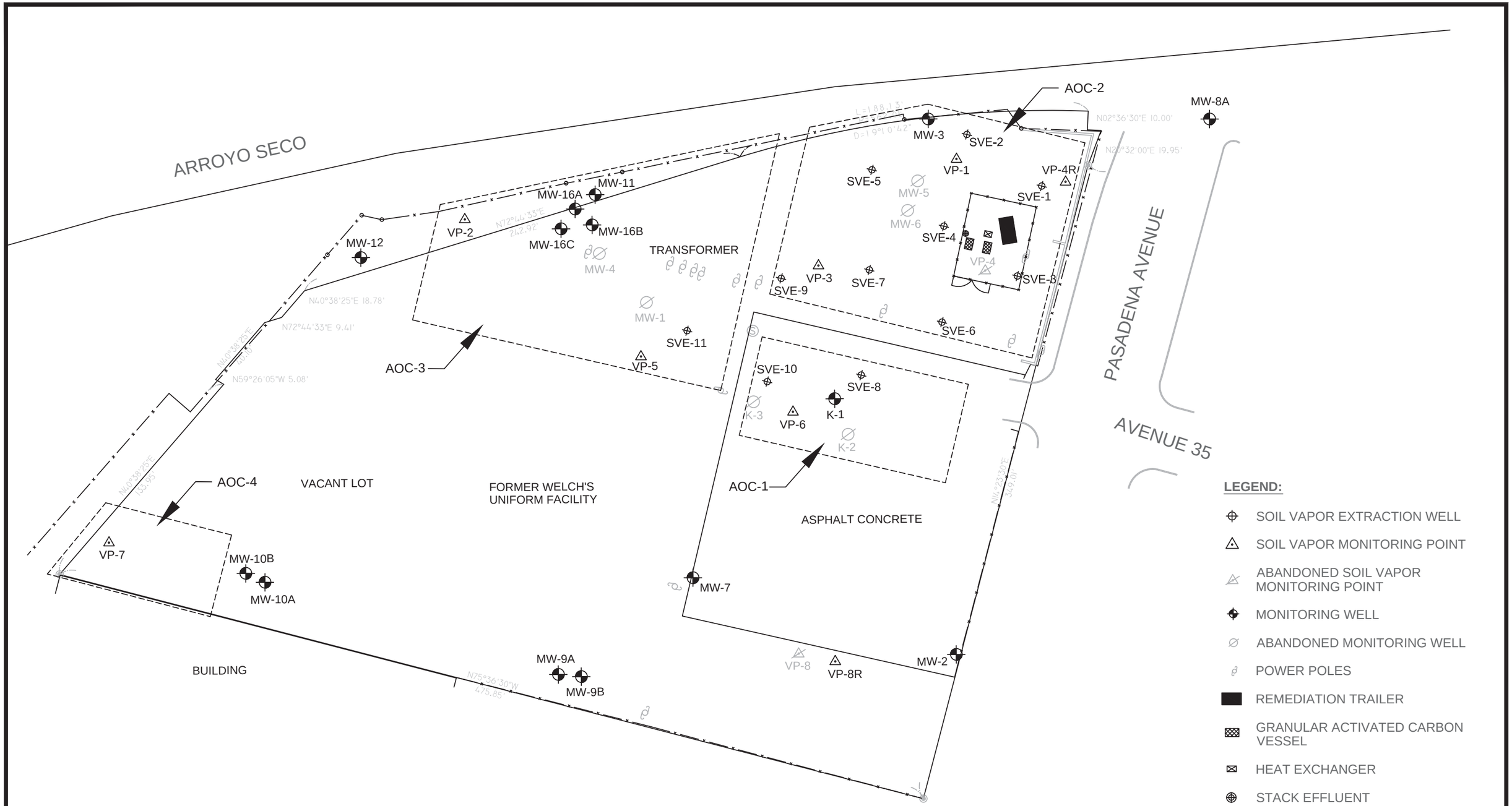


COPYRIGHT © 2015 BURNS & McDONNELL ENGINEERING COMPANY, INC.

BURNS McDONNELL

Figure 1
SITE LOCATION MAP
AMERIPRIDE SERVICES INC.
3505 PASADENA AVENUE
LOS ANGELES, CALIFORNIA

\\MMN-FPS-001\Data\Projects\AmeriPride\82586 Los Angeles\Cad\MSP CAD Files\65805\2015\07 JUL



LEGEND:

- SOIL VAPOR EXTRACTION WELL
- SOIL VAPOR MONITORING POINT
- ABANDONED SOIL VAPOR MONITORING POINT
- MONITORING WELL
- ABANDONED MONITORING WELL
- POWER POLES
- REMEDIATION TRAILER
- GRANULAR ACTIVATED CARBON VESSEL
- HEAT EXCHANGER
- STACK EFFLUENT

COPYRIGHT © 2015 BURNS & McDONNELL ENGINEERING COMPANY, INC.

BURNS McDONNELL

date AUG. 06, 2015

designed S. RYNO

FIGURE 2

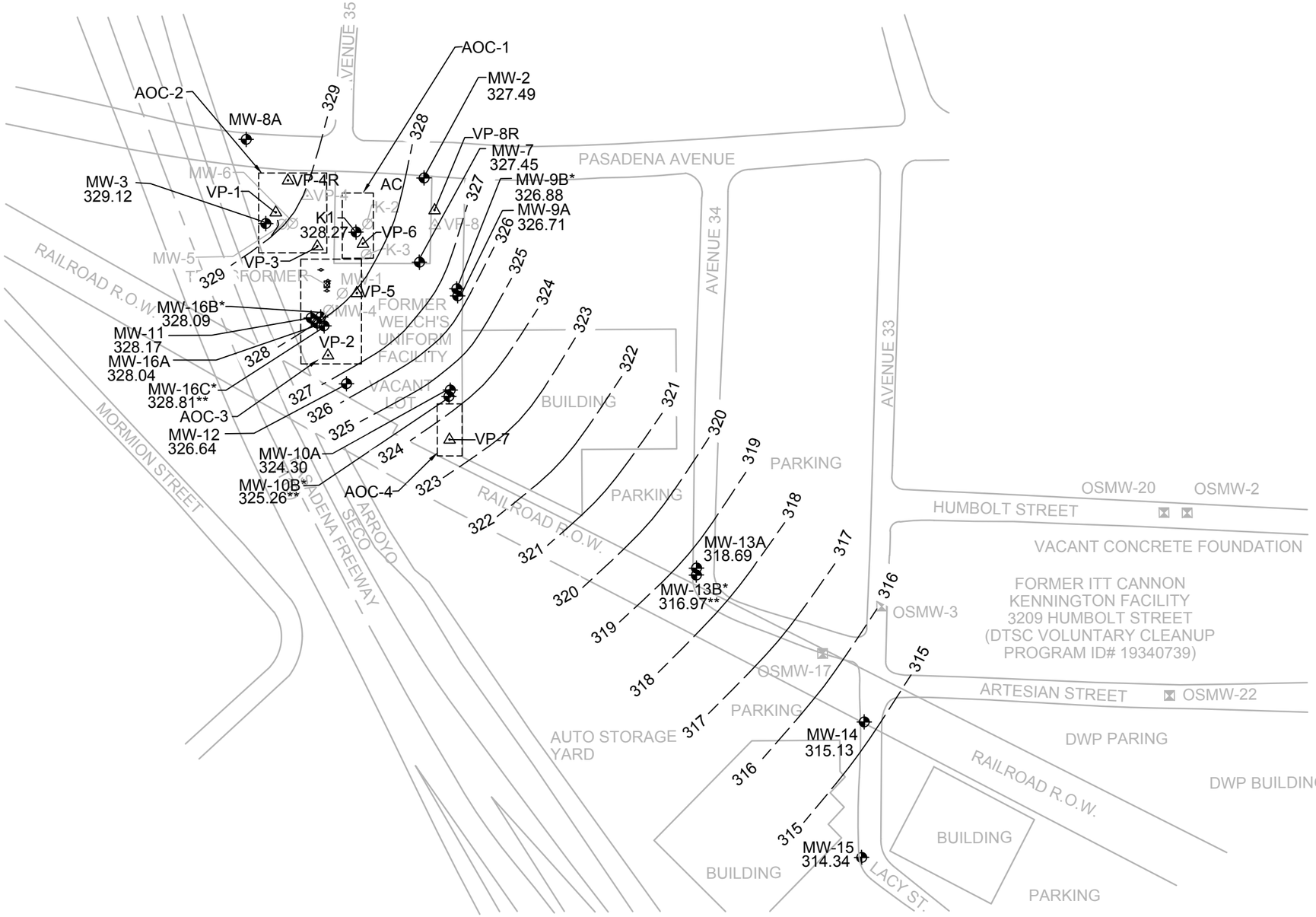
SVE SYSTEM AND WELL LOCATIONS
AMERIPRIDE SERVICES INC.
3505 PASADENA AVENUE
LOS ANGELES, CALIFORNIA

project 89698

contract AMERIPRIDE

SVE FIG 2

\\MMN-FPS-001\Data\Projects\AmeriPride\82586 Los Angeles\Cad\MSP CAD Files\65805\2015\07 JUL



LEGEND:

⌖	MONITORING WELL
MW-10A 323.91	GROUNDWATER ELEVATION (FEET ABOVE MEAN SEA LEVEL)
∅	ABANDONED/DESTROYED MONITORING WELL
⊠	OFFSITE MONITORING WELL (APPROXIMATE LOCATION) (NOT OWNED BY AMERIPRIDE)
△	SOIL VAPOR POINTS
AC	ASPHALT CONCRETE SURFACE
-o-	SURVEYED POWER POLES
AOC-1	FORMER MOTOR VEHICLE FUELING AREA
AOC-2	FORMER DRY CLEANING AREA
AOC-3	FORMER DRIVEWAY AREA
AOC-4	SOUTHWEST CORNER OF SITE
—317—	GROUNDWATER CONTOUR ELEVATION ABOVE MEAN SEA LEVEL (DASHED WHERE INFERRED)
*	DEEPER SCREENED WELL
**	NOT USED FOR CONTOURING

N□□E:

GROUNDWATER ELEVATION DATA COLLECTED ON MARCH 15, 2016.

N

0 200' 400'

SCALE IN FEET

COPYRIGHT © 2016 BURNS & McDONNELL ENGINEERING COMPANY, INC.

BURNS McDONNELL

date JUNE 3, 2016

designed E. BRENEGAN

FIGURE □

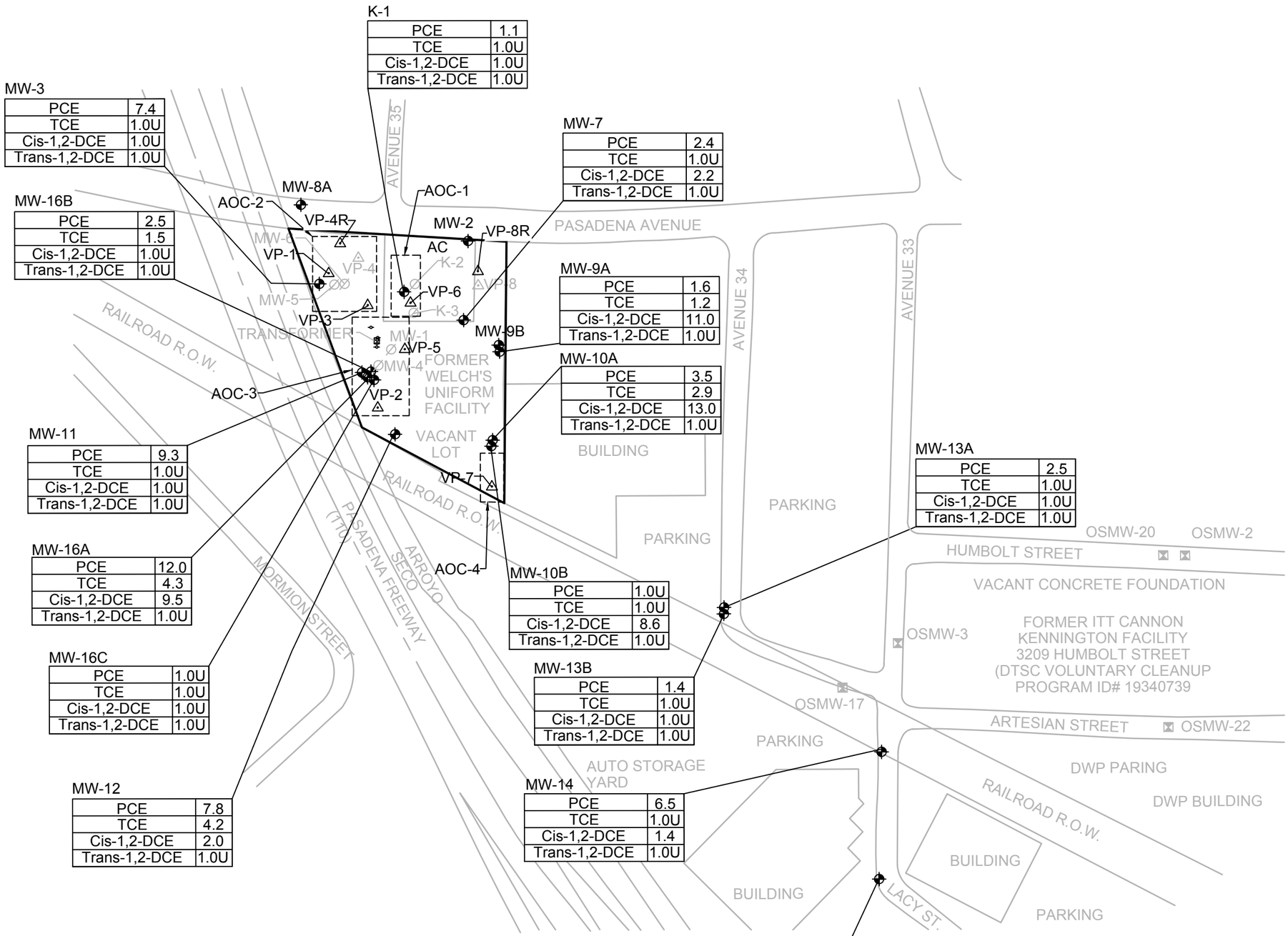
GROUNDWATER CONTOUR MAP
FIRST SEMI-ANNUAL 2016
AMERIPRIDE SERVICES INC.
3505 PASADENA AVENUE
LOS ANGELES, CALIFORNIA

project 89698

contract AMERIPRIDE

S□ □ FIG 0□

\\MMN-FPS-001\Data\Projects\AmeriPride\82586 Los Angeles\Cad\MSP CAD Files\65805\2016\06 JUNE\FIG 03



LEGEND:

⌖	MONITORING WELL
∅	ABANDONED/DESTROYED MONITORING WELL
⊠	OFFSITE MONITORING WELL (APPROXIMATE LOCATION) (NOT OWNED BY AMERIPRIDE)
△	SOIL VAPOR POINTS
AC	ASPHALT CONCRETE SURFACE
⊸	SURVEYED POWER POLES
AOC-1	FORMER MOTOR VEHICLE FUELING AREA
AOC-2	FORMER DRY CLEANING AREA
AOC-3	DRIVEWAY AREA
AOC-4	SOUTHWEST CORNER OF SITE
U	CONSTITUENT NOT DETECTED AT VALUE SHOWN 100U
µg/L	ALL CONCENTRATIONS IN MICROGRAMS PER LITER (µg/L)
——	SITE BOUNDARY

N□□E:

1. GROUNDWATER SAMPLES COLLECTED MARCH 15 AND 16, 2016.

N

0 200' 400'

SCALE IN FEET

BURNS McDONNELL

date JUNE 3, 2016

designed W. HIRST

FIGURE □

VOC'S IN GROUNDWATER
FIRST SEMI-ANNUAL 2016
AMERIPRIDE SERVICES INC.
3505 PASADENA AVENUE
LOS ANGELES, CALIFORNIA

project 89698

contract AMERIPRIDE

S□ □ FIG 0□

COPYRIGHT © 2016 BURNS & McDONNELL ENGINEERING COMPANY, INC.

\\MMN-FPS-001\Data\Projects\AmeriPride\82586 Los Angeles\Cad\MSP CAD Files\65805\2016\06 JUNE\FIG 04

EXHAUST FAN

TT

CONTROL PANEL

HORNER
XL4 PLC/HMI

4" - IVP - PVC

SG

MI

QC

DS-300-2"
PITOT-TUBE

2" - IVP - PVC

PT

LHH

VAPOR LIQUID
SEPARATOR

QC

T

PF

4" - IVP - PVC

4" - IVP - GLV

BLOWER
B-1

S

T

QC

PS

4" - EVP - GLV

COMBINED INFLUENT SAMPLE LOCATION
(PRIOR TO GAC ADSORBERS)

PID

TRAILER FLOOR

4" - IVP - VCH

GRAVITY DRAIN

1" - EGW - GLV

2" - IVP - VCH

TRAILER FLOOR

GROUND SURFACE

QC

3" - IVP - PVC

4" PVC WELL CASING

WELL SCREEN

N□□ □□ S□□LE

TO ATMOSPHERE
(VIA 15-FT STACK)

T

QC

STACK EFFLUENT SAMPLE LOCATION
(AFTER SECONDARY ADSORBER)

3,000-LB
GRANULAR
ACTIVATED
CARBON
ADSORBER
(IN SERIES)

QC

3,000-LB
GRANULAR
ACTIVATED
CARBON
ADSORBER
(IN SERIES)

BETWEEN GAC ADSORBERS SAMPLE LOCATION
(AFTER PRIMARY ADSORBER)

T

TT

6

HEAT
EXCHANGER

T

GROUND SURFACE

GROUND SURFACE

□E□ED N□□ES:

- □ ACI A/TT1K-3-R2-4 TRAILER TEMPERATURE TRANSMITTER
- □ KOBOLD KRT-5196 PRESSURE SWITCH
- □ KOBOLD KPG-0030V-1-1-8-8 PRESSURE TRANSMITTER
- □ KOBOLD TYPE NSP FLOAT SWITCH
- □ RAEGUARD PID FGM-1000 SERIES PID TRANSMITTER
- 6 KOBOLD TMA SERIES TEMPERATURE TRANSMITTER

COPYRIGHT © 2009 BURNS & McDONNELL ENGINEERING COMPANY, INC.

BURNS McDONNELL

date	detailed
08/06/15	E. DULLE
designed	checked
J. HESEMANN	J. HESEMANN

AMERIPRIDE SERVICES INC.
3505 N. PASADENA AVENUE
LOS ANGELES, CALIFORNIA

REMEDI□□□N S□S□EM S□E□IFI□□□I□NS

PROCESS AND INSTRUMENTATION DIAGRAM

project	contract
82586	

drawing rev.

FIGURE □

sheet 1 of 1 sheets

file DPVE_SpecsPkg.DWG

VP-5				
FEET BGS	5	10	20	30
PCE	320	590	1,200	1,500
TCE	80U	80U	250	290
cis-1,2-DCE	400U	400U	400U	400U
trans-1,2-DCE	400U	400U	400U	400U

VP-2*				
FEET BGS	5	10	20	30
PCE	360	350	410	510
TCE	80U	80U	80U	80
cis-1,2-DCE	400U	400U	400U	400U
trans-1,2-DCE	400U	400U	400U	400U

VP-1				
FEET BGS	5	10	20	30
PCE	5,300	16,000	33,000	47,000
TCE	80	200	390	410
cis-1,2-DCE	400U	400U	400U	400U
trans-1,2-DCE	400U	400U	400U	400U

VP-4R				
FEET BGS	5	10	20	30
PCE	490	2,000	5,300	7,100
TCE	80U	80U	190	170
cis-1,2-DCE	400U	400U	400U	400U
trans-1,2-DCE	400U	400U	400U	400U

VP-3				
FEET BGS	5	10	20	30
PCE	280	800	8,100	16,000
TCE	80U	160	1,800	6,200
cis-1,2-DCE	400U	400U	670	70,000
trans-1,2-DCE	400U	400U	400U	400U

VP-6				
FEET BGS	5	10	20	30
PCE	270	690	2,200	2,100
TCE	80U	80U	150	160
cis-1,2-DCE	400U	400U	400U	400U
trans-1,2-DCE	400U	400U	400U	400U

VP-7*				
FEET BGS	5	10	20	30
PCE	3,300	2,600	3,100	3,400
TCE	210	120	80U	80U
cis-1,2-DCE	400U	400U	400U	400U
trans-1,2-DCE	400U	400U	400U	400U

VP-8R*				
FEET BGS	5	10	20	30
PCE	80U	80U	250	220
TCE	80U	80U	80U	80U
cis-1,2-DCE	400U	400U	400U	400U
trans-1,2-DCE	400U	400U	400U	400U

AOC-1
AOC-2
AOC-3
AOC-4
MW-1
MW-2
MW-3
MW-4
MW-5
MW-6
MW-7
MW-8A
MW-9A
MW-9B
MW-10A
MW-10B
MW-11
MW-12
MW-16A
MW-16B
MW-16C
VP-1
VP-2
VP-3
VP-4
VP-4R
VP-5
VP-6
VP-7
VP-8
VP-8R
K-1
K-2
K-3
SVE-1
SVE-2
SVE-4
SVE-5
SVE-6
SVE-7
SVE-8
SVE-9
SVE-10
SVE-11
TRANSFORMER
VACANT LOT
FORMER WELCH'S UNIFORM FACILITY
ASPHALT CONCRETE
BUILDING
L=188.13'
R=562.00'
D=19°10'42"
N02°36'30"E 10.00'
N20°32'00"E 19.95'
N72°44'33"E 242.92'
N40°38'25"E 18.78'
N72°44'33"E 9.41'
N40°38'25"E 40.10'
N59°26'05"W 5.08'
N40°38'25"E 133.95'
N14°23'30"E 349.01'
N75°36'30"W 475.85'

NOTES:
SOIL VAPOR SAMPLES COLLECTED ON JANUARY 18 AND 19, 2016

*SOIL VAPOR SAMPLES COLLECTED ON OCTOBER 19 AND 20, 2015

ALL CONCENTRATIONS IN MICROGRAMS PER METER CUBED (µg/m³)

U - CONSTITUENT NOT DETECTED AT VALUE SHOWN

PCE - TETRACHLOROETHENE

TCE - TRICHLOROETHENE

DCE - DICHLOROETHENE

N

0 50' 100'
SCALE IN FEET

LEGEND:

- SOIL VAPOR EXTRACTION WELL
- SOIL VAPOR MONITORING POINT
- ABANDONED SOIL VAPOR MONITORING POINT
- MONITORING WELL
- ABANDONED MONITORING WELL
- POWER POLES
- REMEDIATION TRAILER
- GRANULAR ACTIVATED CARBON VESSEL
- HEAT EXCHANGER
- STACK EFFLUENT

COPYRIGHT © 2015 BURNS & McDONNELL ENGINEERING COMPANY, INC.

BURNS McDONNELL

date FEB. 16, 2016
designed W. HIRST

FIGURE 6
VOCs IN SOIL VAPOR POINTS
SIX MONTHS AFTER SVE SHUTDOWN
AMERIPRIDE SERVICES INC.
3505 PASADENA AVENUE
LOS ANGELES, CALIFORNIA

project 89698
contract AMERIPRIDE
SVE FIG 06

\\MMN-FPS-001\Data\Projects\AmeriPride\82586 Los Angeles\Cad\MSP CAD Files\65805\2016

FIGURE 7
SVE SYSTEM: COMBINED INFLUENT PCE CONCENTRATIONS
AmeriPride Services Inc.
3505 N. Pasadena Ave., Los Angeles, CA
Burns & McDonnell Project No. 89698

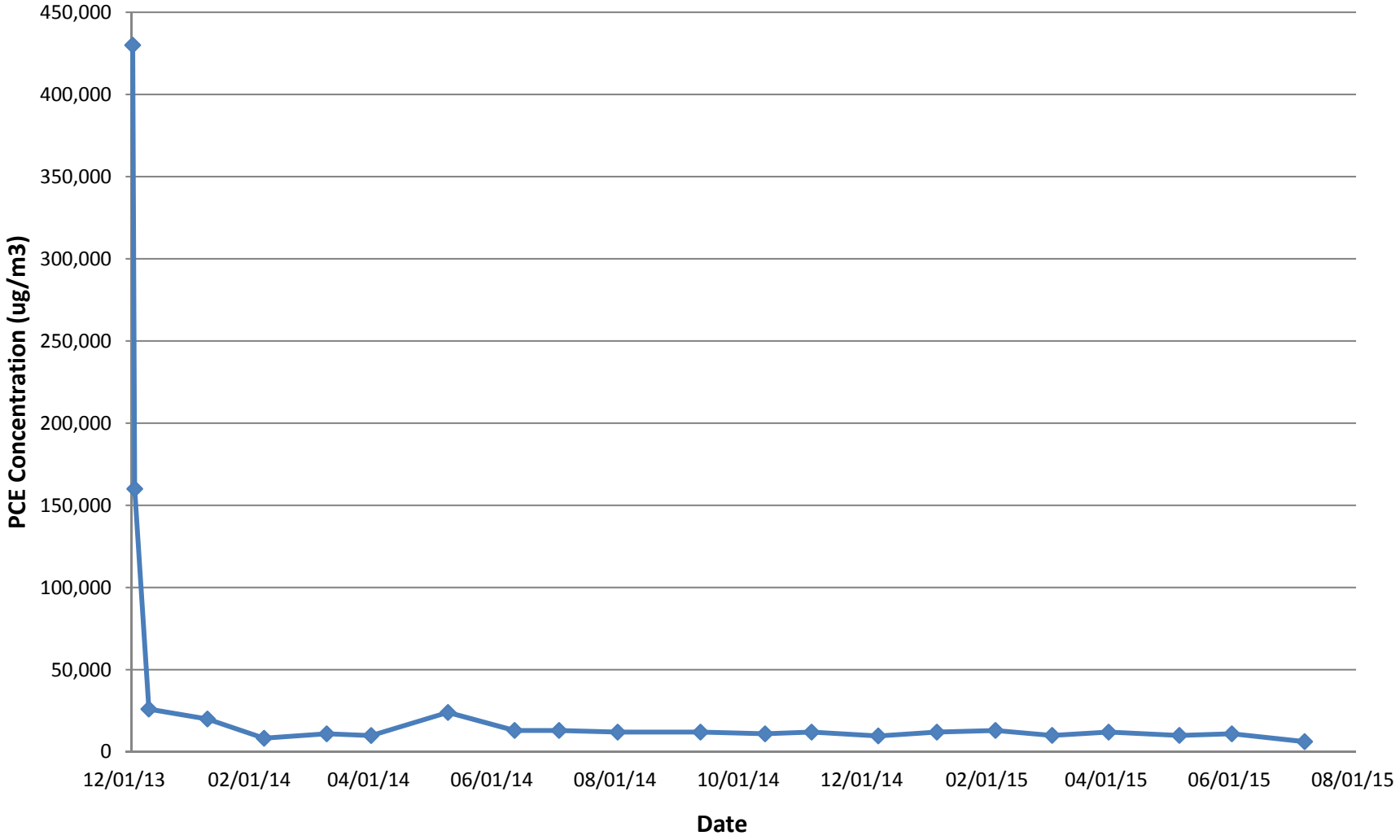


FIGURE 8
SVE SYSTEM: MASS REMOVAL CHART
POUNDS REMOVED PER DAY
AmeriPride Services Inc.
3505 N. Pasadena Ave., Los Angeles, CA

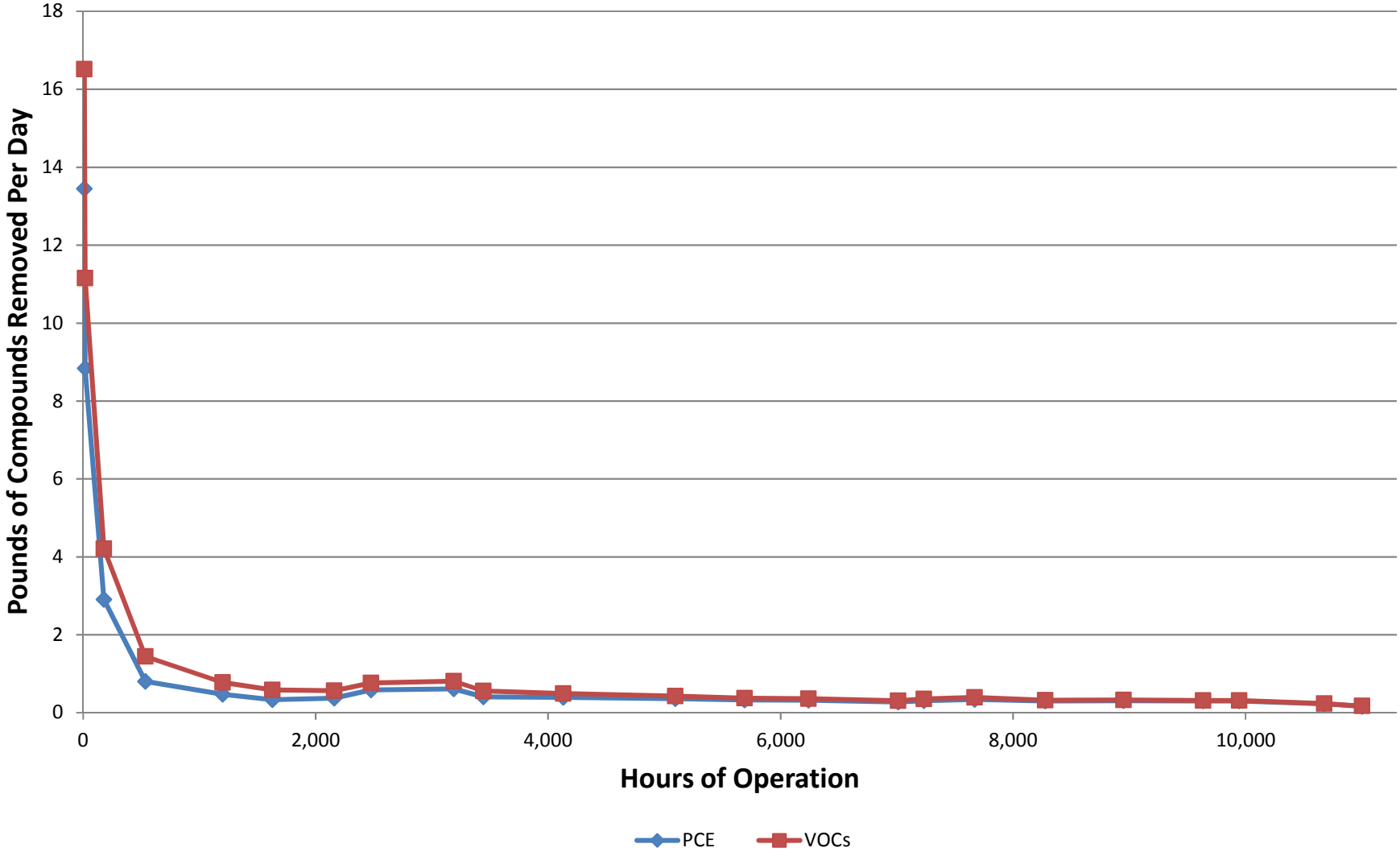
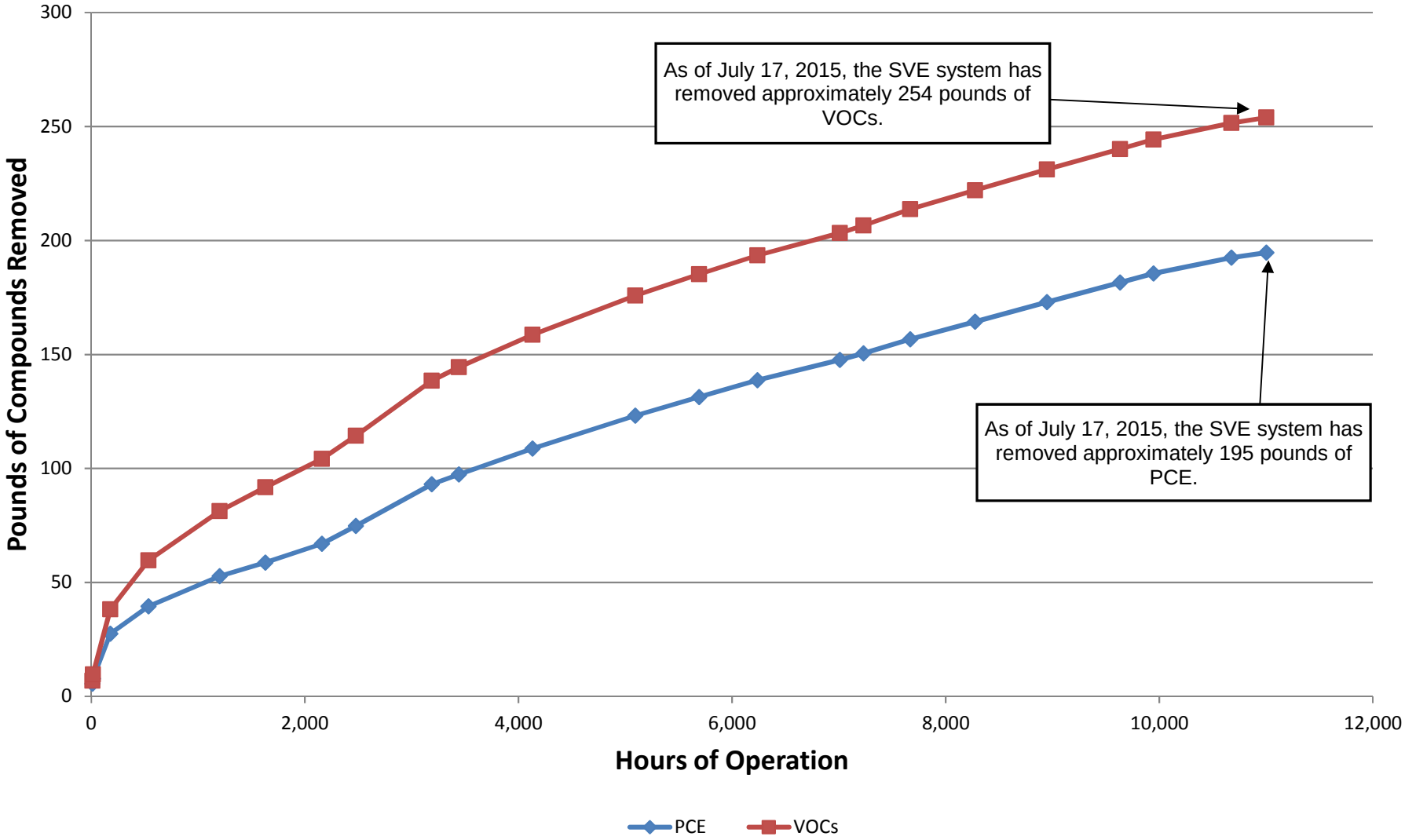


FIGURE 9
SVE SYSTEM: MASS REMOVAL CHART
POUNDS REMOVED TO-DATE
AmeriPride Services Inc.
3505 N. Pasadena Ave., Los Angeles, CA



TABLES

Table 1A
Monitoring Well Construction Details
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadene Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Well ID	Date Installed	Top of casing Elevation (ft msl)	Borehole Diameter (in)	Casing Diameter (in)	Slot Size (in)	Screen Interval (ft bgs)	Sand Pack (ft bgs)	Blank Interval (ft bgs)	Seal Interval (ft bgs)	Surface Seal Interval (ft bgs)	Notes
MW-2	12/7/88	367.75	10	4	0.02	24-69	22-69	0-24	19-22	1-19	
MW-3	12/7/88	366.76	10	4	0.02	24-69	22-69	0-24	19-22	1-19	Retrofit well monument-5/31/06
MW-7	2/6/89	364.02	10	4	0.02	25-70	23-70	0-25	20-23	1-20	
MW-8A	9/1/00	373.46	10	4	0.02	30-60	27-65	0-30	24-27	1-24	Well in street found paved over-9/11/14
MW-9A	11/6/89	363.81	10	4	0.02	29-59	26-59	0-29	24-26	1-24	
MW-9B	11/7/89	363.76	10	4	0.02	58-89	55.5-89	0-58	53.5-55.5	1-53.5	Retrofit well monument-12/21/09
MW-10A	11/8/89	364.35	10	4	0.02	29-61	27.5-61	0-29	25-27.5	1-25	Retrofit well monument-12/21/09
MW-10B	11/8/89	364.22	10	4	0.02	59-89	49.5-89	0-59	47-49.5	1-47	Retrofit well monument-12/21/09
MW-11	8/28/00	367.45	10	4	0.02	25-55	22-55	0-25	19-22	1-19	Well restored to service 09/04/08
MW-12	8/29/00	365.76	10	4	0.02	25-55	21-55	0-25	18-21	1-19	Well restored to service 09/04/08
MW-13A	8/30/00	360.06	10	4	0.02	32-62	29-64	0-32	26-29	1-26	Retrofit well monument-12/21/09
MW-13B	8/31/00	360.27	10	4	0.02	70-90	68-96	0-70	65-68	2.5-65	Retrofit well monument-12/21/09
MW-14	9/5/02	356.67	10	4	0.02	35-55	33-55	0-35	29-33	2-29	
MW-15	9/6/02	354.20	10	4	0.02	35-55	33-55	0-35	29-33	2-29	
MW-16A	4/10/06	364.84	10	4	0.02	30-45	28-45.5	0-30	25-28	1-25	
MW-16B	4/10/06	365.61	10	4	0.02	59-69	57-69.5	0-59	49-57	1-49	
MW-16C	4/11/06	365.10	10	4	0.02	83-93	80-95	0-83	70-80	1-70	
K-1	1987	367.77	---	4		??-69	---	---	---	---	2-inch reducer
Non-Operable Wells											
MW-1	11/21/88	363.47	10	4	0.02	24-69	22-69	0-24	19-22	1-19	Abandoned 3/26/01
MW-4	12/8/88	364.39	10	4	0.02	28-73	26-73	0-28	23-26	1-23	Lost 07/28/08
MW-5	1/20/89	364.46	10	4	0.02	25-70	23-70	0-25	20-23	1-20	Abandoned 3/26/01
MW-6	1/20/89	364.59	10	4	0.02	25-70	23-70	0-25	20-23	1-20	Abandoned 3/26/01
MW-8	11/6/89	370.48	10	4	0.02	25-65	22-65	0-25	19-22	1-19	Abandoned 3/25/01
K-2	1987	365.53	---	2	---	??-55	---	---	---	---	Abandoned 7/28/08
K-3	1987	365.41	---	4	---	??-56	---	---	---	---	Abandoned 12/18/09

Notes:

ft msl Feet as referenced to mean sea level

ft bgs Feet below ground surface

Damaged = MW-4 has been lost/destroyed; attempts to relocate the well in 7/08 were unsuccessful.

?? Data Unavailable = K-1 through K-3 were installed by Kleinfelder in 1987 as wells MW-1 through MW-3. A partial report was available for review.

Survey History:	**Date**	**Top-of-Casing Suveyed**
Case Land Surveying, Inc.	2/21/1989	
Towill Survey, Inc.	7/24/1998	MW-3, MW-4, MW-7, MW-9A, MW-9B, MW-10A, MW-10B, K-1
Case Land Surveying, Inc.	11/16/1989	
Towill Survey, Inc.	9/20/2000	MW-5, MW-6, MW-8
Thienes Engineering, Inc.	11/11/2002	MW-2, MW-3, MW-4, MW-7, MW-8A, MW-9A, MW-9B, MW-10A, MW-10B, MW-11, MW-12, MW-13A, MW-13B, K-3
WM Holdings, Inc.	7/11/2006	MW-2, MW-7, MW-8A, MW-9A, MW-9B, MW-10A, MW-10B, MW-13A, MW-13B, MW-14, MW-15
WM Holdings, Inc.	June-Aug, 2008	
	12/21/2009	MW-2, MW-3, MW-7, MW-8A, MW-9A, MW-11, MW-12, MW-14, MW-15, MW-16A, MW-16B, MW-16C, K-1, OSMW-3, OSMW-17

Table 1B
Soil Vapor Point Construction Details
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadene Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Well ID	Date Installed	Borehole Diameter (in)	Casing Diameter (in)	Slot Size (in)	Screen Interval (ft bgs)	Sand Pack (ft bgs)	Blank Interval (ft bgs)	Seal Interval (ft bgs)	Total Boring Depth (ft bgs)	Notes
VP-1-5	07/08/08	8	0.25	0.020	4.8-5.2	4.6-5.6	0-4.8	2-4.6	70	
VP-1-10	07/08/08	8	0.25	0.020	9.8-10.2	9.6-10.6	0-9.8	5.6-9.6	70	
VP-1-20	07/08/08	8	0.25	0.020	19.8-20.2	19.6-20.6	0-19-8	10.6-19.6	70	
VP-1-30	07/08/08	8	0.25	0.020	29.8-30.2	29.6-30.6	0-29.8	20.6-29.8	70	
VP-2-5	07/10/08	8	0.25	0.020	4.8-5.2	4.6-5.6	0-4.8	2-4.6	40	
VP-2-10	07/10/08	8	0.25	0.020	9.8-10.2	9.6-10.6	0-9.8	5.6-9.6	40	
VP-2-20	07/10/08	8	0.25	0.020	19.8-20.2	19.6-20.6	0-19-8	10.6-19.6	40	
VP-2-30	07/10/08	8	0.25	0.020	29.8-30.2	29.6-30.6	0-29.8	20.6-29.8	40	
VP-3-5	07/09/08	8	0.25	0.020	4.8-5.2	4.6-5.6	0-4.8	2-4.6	40	
VP-3-10	07/09/08	8	0.25	0.020	9.8-10.2	9.6-10.6	0-9.8	5.6-9.6	40	
VP-3-20	07/09/08	8	0.25	0.020	19.8-20.2	19.6-20.6	0-19-8	10.6-19.6	40	
VP-3-30	07/09/08	8	0.25	0.020	29.8-30.2	29.6-30.6	0-29.8	20.6-29.8	40	
VP-4-5	07/08/08	8	0.25	0.020	4.8-5.2	4.6-5.6	0-4.8	2-4.6	40	Well abandoned and sealed 10/25/2013
VP-4-10	07/08/08	8	0.25	0.020	9.8-10.2	9.6-10.6	0-9.8	5.6-9.6	40	Well abandoned and sealed 10/25/2013
VP-4-20	07/08/08	8	0.25	0.020	19.8-20.2	19.6-20.6	0-19-8	10.6-19.6	40	Well abandoned and sealed 10/25/2013
VP-4-30	07/08/08	8	0.25	0.020	29.8-30.2	29.6-30.6	0-29.8	20.6-29.8	40	Well abandoned and sealed 10/25/2013
VP-4R-5	10/24/13	8	0.25	0.020	4.5-5.0	4.2-5.3	0-4.5	1-4.2	30.5	
VP-4R-10	10/24/13	8	0.25	0.020	9.5-10.0	9.2-10.3	0-9.5	5.3-19.2	30.5	
VP-4R-20	10/24/13	8	0.25	0.020	19.5-20.0	19.2-20.3	0-19.5	20.3-29.2	30.5	
VP-4R-30	10/24/13	8	0.25	0.020	29.5-30.0	29.2-30.3	0-29.5	20.3-29.2	30.5	
VP-5-5	07/10/08	8	0.25	0.020	4.8-5.2	4.6-5.6	0-4.8	2-4.6	40	
VP-5-10	07/10/08	8	0.25	0.020	9.8-10.2	9.6-10.6	0-9.8	5.6-9.6	40	
VP-5-20	07/10/08	8	0.25	0.020	19.8-20.2	19.6-20.6	0-19-8	10.6-19.6	40	
VP-5-30	07/10/08	8	0.25	0.020	29.8-30.2	29.6-30.6	0-29.8	20.6-29.8	40	
VP-6-5	07/09/08	8	0.25	0.020	4.8-5.2	4.6-5.6	0-4.8	2-4.6	40	
VP-6-10	07/09/08	8	0.25	0.020	9.8-10.2	9.6-10.6	0-9.8	5.6-9.6	40	
VP-6-20	07/09/08	8	0.25	0.020	19.8-20.2	19.6-20.6	0-19-8	10.6-19.6	40	
VP-6-30	07/09/08	8	0.25	0.020	29.8-30.2	29.6-30.6	0-29.8	20.6-29.8	40	
VP-7-5	07/07/08	8	0.25	0.020	4.8-5.2	4.6-5.6	0-4.8	2-4.6	30	
VP--7-10	07/07/08	8	0.25	0.020	9.8-10.2	9.6-10.6	0-9.8	5.6-9.6	30	
VP-7-20	07/07/08	8	0.25	0.020	19.8-20.2	19.6-20.6	0-19-8	10.6-19.6	30	
VP-7-30	07/07/08	8	0.25	0.020	29.8-30.2	29.6-30.6	0-29.8	20.6-29.8	30	
VP-8-5	07/07/08	8	0.25	0.020	4.8-5.2	4.6-5.6	0-4.8	2-4.6	30	Well abandoned and sealed 10/25/2013
VP-8-20	07/07/08	8	0.25	0.020	19.8-20.2	19.6-20.6	0-19-8	10.6-19.6	30	Well abandoned and sealed 10/25/2013
VP-8-30	07/07/08	8	0.25	0.020	29.8-30.2	29.6-30.6	0-29.8	20.6-29.8	30	Well abandoned and sealed 10/25/2013
VP-8R-5	10/25/13	8	0.25	0.020	4.5-5.0	4.2-5.3	0-4.5	1-4.2	30.5	
VP-8R-10	10/25/13	8	0.25	0.020	9.5-10.0	9.2-10.3	0-9.5	5.3-19.2	30.5	
VP-8R-20	10/25/13	8	0.25	0.020	19.5-20.0	19.2-20.3	0-19.5	20.3-29.2	30.5	
VP-8R-30	10/25/13	8	0.25	0.020	29.5-30.0	29.2-30.3	0-29.5	20.3-29.2	30.5	
SVE-1	10/22/13	8	4.00	0.020	20.0-30.0	18.0-30.5	0-20.0	3.0-18.0	30.5	Surface Elevation (not collected)
SVE-2	10/22/13	8	4.00	0.020	20.0-30.0	18.0-30.5	0-20.0	3.0-18.0	30.5	Surface Elevation (365.58)
SVE-3	10/22/13	8	4.00	0.020	20.0-30.0	18.0-30.5	0-20.0	3.0-18.0	30.5	Surface Elevation (365.48)
SVE-4	10/21/13	8	4.00	0.020	20.0-30.0	18.0-30.5	0-20.0	3.0-18.0	30.5	Surface Elevation (364.64)
SVE-5	10/21/13	8	4.00	0.020	20.0-30.0	18.0-30.5	0-20.0	3.0-18.0	30.5	Surface Elevation (364.24)
SVE-6	10/22/13	8	4.00	0.020	20.0-30.0	18.0-30.5	0-20.0	3.0-18.0	30.5	Surface Elevation (365.11)
SVE-7	10/23/13	8	4.00	0.020	20.0-30.0	18.0-30.5	0-20.0	3.0-18.0	30.5	Surface Elevation (364.53)
SVE-8	10/24/13	8	4.00	0.020	20.0-30.0	18.0-30.5	0-20.0	3.0-18.0	30.5	Surface Elevation (634.90)
SVE-9	10/23/13	8	4.00	0.020	20.0-30.0	18.0-30.5	0-20.0	3.0-18.0	30.5	Surface Elevation (364.48)
SVE-10	10/24/13	8	4.00	0.020	20.0-30.0	18.0-30.5	0-20.0	3.0-18.0	30.5	Surface Elevation (634.85)
SVE-11	10/23/13	8	4.00	0.020	20.0-30.0	18.0-30.5	0-20.0	3.0-18.0	30.5	Surface Elevation (364.73)

Notes:

ft bgs	Feet below ground surface
in	Inches
Tubing	1/4 inch nylon tubing
Screen	Stainless steel 6 inch 3/8 inch diameter screen with 0.020 in slots

VP-4R and VP-8R

5 feet	Yellow Tape
10 feet	Red Tape
20 feet	Green Tape
30 Feet	Blue Tape

Table 2
Groundwater Elevations
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadene Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (ft msl)	DEPTH TO WATER (ft toc)	STATIC GROUNDWATER ELEVATION (ft msl)	LIQUID PRODUCT THICKNESS (In)
MW-1	04/05/89	364.64	34.71	329.93	ND
MW-1	03/05/90	364.64	---	---	2.0
MW-1	08/22/91	364.64	34.70	329.94	ND
MW-1	07/20/98	---	---	---	---
MW-1	11/30/99	---	---	---	---
MW-1	03/15/00	---	---	---	---
MW-1	06/29/00	---	---	---	---
MW-1	09/20/00	363.47	---	---	---
MW-1	03/26/01	---	---	---	---
MW-2	04/05/89	367.47	38.11	329.36	ND
MW-2	03/05/90	367.47	---	---	ND
MW-2	08/22/91	367.47	38.07	329.40	ND
MW-2	07/20/98	367.08	38.89	328.19	ND
MW-2	11/30/99	367.08	37.92	329.16	ND
MW-2	03/15/00	367.08	37.04	330.04	ND
MW-2	06/29/00	367.08	37.13	329.95	ND
MW-2	09/20/00	367.08	37.56	329.52	ND
MW-2	12/04/00	367.08	37.88	329.20	ND
MW-2	03/26/01	367.08	36.39	330.69	ND
MW-2	05/16/01	367.08	36.65	330.43	ND
MW-2	08/20/01	367.08	37.21	329.87	ND
MW-2	12/17/01	367.08	37.81	329.27	ND
MW-2	02/27/02	367.08	38.02	329.06	ND
MW-2	06/03/02	367.08	38.27	328.81	ND
MW-2	08/12/02	367.08	38.25	328.83	ND
MW-2	11/11/02	367.75	38.44	329.31	ND
MW-2	03/10/03	367.75	37.64	330.11	ND
MW-2	05/19/03	367.75	36.86	330.89	ND
MW-2	08/25/03	367.75	37.44	330.31	ND
MW-2	11/17/03	367.75	37.67	330.08	ND
MW-2	03/22/04	367.75	37.06	330.69	ND
MW-2	05/17/04	367.75	37.32	330.43	ND
MW-2	08/16/04	367.75	37.91	329.84	ND
MW-2	11/15/04	367.75	37.50	330.25	ND
MW-2	03/15/05	367.75	34.30	333.45	ND
MW-2	06/13/05	367.75	35.88	331.87	ND
MW-2	08/24/05	367.75	36.58	331.17	ND
MW-2	12/21/05	367.75	37.13	330.62	ND
MW-2	05/31/06	367.03	36.56	330.47	ND
MW-2	09/13/06	367.03	37.27	329.76	ND
MW-2	12/22/06	367.03	37.78	329.25	ND
MW-2	03/20/07	367.03	37.97	329.06	ND
MW-2	06/19/07	367.03	38.14	328.89	ND

Table 2
Groundwater Elevations
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadene Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (ft msl)	DEPTH TO WATER (ft toc)	STATIC GROUNDWATER ELEVATION (ft msl)	LIQUID PRODUCT THICKNESS (In)
MW-2	09/18/07	367.03	38.35	328.68	ND
MW-2	01/02/08	367.03	38.16	328.87	ND
MW-2	09/04/08	367.03	37.97	329.06	ND
MW-2	03/04/09	367.03	37.83	329.20	ND
MW-2	12/21/09	369.83	41.55	328.28	ND
MW-2	06/29/10	369.83	40.65	329.18	ND
MW-2	03/14/11	369.83	39.41	330.42	ND
MW-2	09/14/11	369.83	39.97	329.86	ND
MW-2	03/21/12	369.83	40.64	329.19	ND
MW-2	09/06/12	369.83	41.12	328.71	ND
MW-2	03/06/13	369.83	41.31	328.52	ND
MW-2	11/11/13	369.83	41.81	328.02	ND
MW-2	03/11/14	369.83	41.94	327.89	ND
MW-2	09/11/14	369.83	42.30	327.53	ND
MW-2	10/19/15	369.83	42.61	327.22	ND
MW-2	03/15/16	369.83	42.34	327.49	ND
MW-3	04/05/89	364.64	---	---	0.25
MW-3	03/05/90	364.64	---	---	2.0
MW-3	08/22/91	364.64	33.45	331.19	ND
MW-3	07/21/98	364.30	31.42	332.88	ND
MW-3	11/30/99	364.30	33.51	330.79	ND
MW-3	03/15/00	364.30	32.54	331.76	ND
MW-3	06/29/00	364.30	32.67	331.63	ND
MW-3	09/20/00	364.30	33.12	331.18	ND
MW-3	12/05/00	364.30	33.43	330.87	ND
MW-3	03/27/01	364.30	31.79	332.51	ND
MW-3	05/17/01	364.30	32.08	332.22	ND
MW-3	08/21/01	364.30	32.76	331.54	ND
MW-3	12/17/01	364.30	33.36	330.94	ND
MW-3	02/27/02	364.30	33.58	330.72	ND
MW-3	06/03/02	364.30	33.81	330.49	ND
MW-3	08/12/02	364.30	33.79	330.51	ND
MW-3	11/11/02	364.39	34.04	330.35	ND
MW-3	03/10/03	364.39	33.11	331.28	ND
MW-3	05/19/03	364.39	32.31	332.08	ND
MW-3	08/25/03	364.39	32.97	331.42	ND
MW-3	11/17/03	364.39	33.22	331.17	ND
MW-3	03/22/04	364.39	32.52	331.87	ND
MW-3	05/17/04	364.39	32.81	331.58	ND
MW-3	08/16/04	364.39	33.46	330.93	ND
MW-3	11/15/04	364.39	33.05	331.34	ND
MW-3	03/15/05	364.39	29.70	334.69	ND
MW-3	06/13/05	364.39	31.35	333.04	ND

Table 2
Groundwater Elevations
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadene Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (ft msl)	DEPTH TO WATER (ft toc)	STATIC GROUNDWATER ELEVATION (ft msl)	LIQUID PRODUCT THICKNESS (In)
MW-3	08/24/05	364.39	32.08	332.31	ND
MW-3	12/21/05	364.39	32.61	331.78	ND
MW-3	05/31/06	366.76	34.50	332.26	ND
MW-3	09/13/06	366.76	35.81	330.95	ND
MW-3	12/22/06	366.76	35.74	331.02	ND
MW-3	03/21/07	366.76	35.96	330.80	ND
MW-3	06/20/07	366.76	36.18	330.58	ND
MW-3	09/18/07	366.76	36.40	330.36	ND
MW-3	01/02/08	366.76	36.16	330.60	ND
MW-3	09/04/08	366.76	35.92	330.84	ND
MW-3	03/04/09	366.76	35.50	331.26	ND
MW-3	12/21/09	366.76	36.81	329.95	ND
MW-3	06/29/10	366.76	35.96	330.80	ND
MW-3	03/14/11	366.76	34.53	332.23	ND
MW-3	09/14/11	366.76	35.21	331.55	ND
MW-3	03/21/12	366.76	35.93	330.83	ND
MW-3	09/06/12	366.76	36.42	330.34	ND
MW-3	03/06/13	366.76	36.55	330.21	ND
MW-3	11/11/13	366.76	37.19	329.57	ND
MW-3	03/11/14	366.76	37.25	329.51	ND
MW-3	09/11/14	366.76	37.63	329.13	ND
MW-3	03/02/15	366.76	37.57	329.19	ND
MW-3	10/19/15	366.76	37.93	328.83	ND
MW-3	03/15/16	366.76	37.64	329.12	ND
MW-4	04/05/89	364.59	---	---	0.25
MW-4	03/05/90	364.59	---	---	5.0
MW-4	08/22/91	364.59	34.79	329.80	ND
MW-4	07/20/98	364.29	32.71	331.58	ND
MW-4	11/30/99	364.29	34.60	329.69	ND
MW-4	03/15/00	364.29	33.65	330.64	ND
MW-4	06/29/00	364.29	33.84	330.45	ND
MW-4	09/20/00	364.29	34.23	330.06	ND
MW-4	12/05/00	364.29	34.53	329.76	ND
MW-4	03/27/01	364.29	33.03	331.26	ND
MW-4	05/17/01	364.29	33.36	330.93	ND
MW-4	08/21/01	364.29	33.92	330.37	ND
MW-4	12/17/01	364.29	34.46	329.83	ND
MW-4	02/27/02	364.29	34.68	329.61	ND
MW-4	06/03/02	364.29	34.91	329.38	ND
MW-4	08/12/02	364.29	34.90	329.39	ND
MW-4	11/11/02	364.39	35.07	329.32	ND
MW-4	03/10/03	364.39	---	---	---
MW-4	05/19/03	364.39	33.50	330.89	---

Table 2
Groundwater Elevations
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadene Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (ft msl)	DEPTH TO WATER (ft toc)	STATIC GROUNDWATER ELEVATION (ft msl)	LIQUID PRODUCT THICKNESS (In)
MW-4	08/25/03	364.39	34.09	330.30	ND
MW-4	11/17/03	364.39	34.30	330.09	ND
MW-4	03/22/04	364.39	33.63	330.76	ND
MW-4	05/17/04	364.39	33.94	330.45	ND
MW-4	08/16/04	364.39	34.55	329.84	ND
MW-4	11/15/04	364.39	34.10	330.29	ND
MW-4	03/15/05	364.39	31.10	333.29	ND
MW-4	06/13/05	364.39	32.68	331.71	ND
MW-4	08/24/05	364.39	---	---	---
MW-4	12/21/05	364.39	---	---	---
MW-4	07/28/08	364.39	---	---	---
MW-5	04/05/89	364.74	33.86	330.88	ND
MW-5	03/05/90	364.74	---	---	ND
MW-5	07/16/91	364.74	---	---	4.0
MW-5	08/22/91	364.74	33.70	331.04	ND
MW-5	11/30/99	---	---	---	---
MW-5	03/15/00	---	---	---	---
MW-5	06/29/00	---	---	---	---
MW-5	09/20/00	364.46	---	---	---
MW-5	12/04/00	364.46	---	---	---
MW-5	03/26/01	---	---	---	---
MW-6	04/05/89	364.81	34.10	330.71	ND
MW-6	03/05/90	364.81	---	---	9.5
MW-6	08/22/91	---	---	---	---
MW-6	11/30/99	---	---	---	---
MW-6	03/15/00	---	---	---	---
MW-6	06/29/00	---	---	---	---
MW-6	09/20/00	364.59	---	---	---
MW-6	12/04/00	364.59	---	---	---
MW-6	03/26/01	---	---	---	---
MW-7	04/05/89	365.07	35.91	329.16	ND
MW-7	03/05/90	365.07	---	---	0.7
MW-7	08/22/91	365.07	35.16	329.91	ND
MW-7	07/20/98	363.91	32.89	331.02	ND
MW-7	11/30/99	363.91	35.80	328.11	ND
MW-7	03/15/00	363.91	33.85	330.06	ND
MW-7	06/29/00	363.91	33.99	329.92	ND
MW-7	09/20/00	363.91	34.42	329.49	ND
MW-7	12/04/00	363.91	34.75	329.16	ND
MW-7	03/26/01	363.91	33.25	330.66	ND
MW-7	05/16/01	363.91	33.53	330.38	ND

Table 2
Groundwater Elevations
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadene Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (ft msl)	DEPTH TO WATER (ft toc)	STATIC GROUNDWATER ELEVATION (ft msl)	LIQUID PRODUCT THICKNESS (In)
MW-7	08/20/01	363.91	34.08	329.83	ND
MW-7	12/17/01	363.91	34.66	329.25	ND
MW-7	02/27/02	363.91	34.87	329.04	ND
MW-7	06/03/02	363.91	35.13	328.78	ND
MW-7	08/12/02	363.91	35.11	328.80	ND
MW-7	11/11/02	364.02	35.27	328.75	ND
MW-7	03/10/03	364.02	34.47	329.55	ND
MW-7	05/19/03	364.02	33.73	330.29	ND
MW-7	08/25/03	364.02	34.30	329.72	ND
MW-7	11/17/03	364.02	34.52	329.50	ND
MW-7	03/22/04	364.02	33.93	330.09	ND
MW-7	05/17/04	364.02	34.18	329.84	ND
MW-7	08/16/04	364.02	34.78	329.24	ND
MW-7	11/15/04	364.02	34.39	329.63	ND
MW-7	03/15/05	364.02	31.40	332.62	ND
MW-7	06/13/05	364.02	32.90	331.12	ND
MW-7	08/24/05	364.02	33.48	330.54	ND
MW-7	12/21/05	364.02	33.92	330.10	ND
MW-7	05/31/06	363.88	33.45	330.43	ND
MW-7	09/13/06	363.88	34.15	329.73	ND
MW-7	12/22/06	363.88	34.67	329.21	ND
MW-7	03/21/07	363.88	34.80	329.08	ND
MW-7	06/20/07	363.88	34.97	328.91	ND
MW-7	09/18/07	363.88	35.19	328.69	ND
MW-7	01/02/08	363.88	35.00	328.88	ND
MW-7	09/04/08	363.88	34.83	329.05	ND
MW-7	03/04/09	363.88	34.65	329.23	ND
MW-7	12/21/09	367.21	38.90	328.31	ND
MW-7	06/29/10	367.21	38.06	329.15	ND
MW-7	03/14/11	367.21	36.83	330.38	ND
MW-7	09/14/11	367.21	37.40	329.81	ND
MW-7	03/21/12	367.21	38.13	329.08	ND
MW-7	09/06/12	367.21	38.53	328.68	ND
MW-7	03/06/13	367.21	38.69	328.52	ND
MW-7	11/11/13	367.21	39.24	327.97	ND
MW-7	03/11/14	367.21	39.29	327.92	ND
MW-7	09/11/14	367.21	39.73	327.48	ND
MW-7	03/02/15	367.21	39.66	327.55	ND
MW-7	10/19/15	367.21	40.03	327.18	ND
MW-7	03/15/16	367.21	39.76	327.45	ND
MW-8	03/05/90	370.65	38.46	332.19	ND
MW-8	08/22/91	---	---	---	---
MW-8	11/30/99	---	---	---	---

Table 2
Groundwater Elevations
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadene Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (ft msl)	DEPTH TO WATER (ft toc)	STATIC GROUNDWATER ELEVATION (ft msl)	LIQUID PRODUCT THICKNESS (In)
MW-8	03/15/00	---	---	---	---
MW-8	06/29/00	---	---	---	---
MW-8	09/20/00	370.48	---	---	---
MW-8	12/04/00	370.48	---	---	---
MW-8	03/26/01	---	---	---	---
MW-8A	09/19/00	373.40	41.19	332.21	ND
MW-8A	12/04/00	373.40	41.50	331.90	ND
MW-8A	03/26/01	373.40	39.84	333.56	ND
MW-8A	05/16/01	373.40	40.13	333.27	ND
MW-8A	08/20/01	373.40	40.81	332.59	ND
MW-8A	12/17/01	373.40	41.43	331.97	ND
MW-8A	02/27/02	373.40	41.63	331.77	ND
MW-8A	06/03/02	373.40	41.88	331.52	ND
MW-8A	08/12/02	373.40	41.89	331.51	ND
MW-8A	11/11/02	373.46	42.11	331.35	ND
MW-8A	03/10/03	373.46	41.17	332.29	ND
MW-8A	05/19/03	373.46	40.35	333.11	ND
MW-8A	08/25/03	373.46	41.04	332.42	ND
MW-8A	11/17/03	373.46	41.29	332.17	ND
MW-8A	03/22/04	373.46	40.58	332.88	ND
MW-8A	05/17/04	373.46	40.90	332.56	ND
MW-8A	08/16/04	373.46	41.54	331.92	ND
MW-8A	11/15/04	373.46	41.12	332.34	ND
MW-8A	03/15/05	373.46	37.50	335.96	ND
MW-8A	06/13/05	373.46	39.34	334.12	ND
MW-8A	08/24/05	373.46	40.05	333.41	ND
MW-8A	12/21/05	373.46	40.61	332.85	ND
MW-8A	06/05/06	373.40	40.09	333.31	ND
MW-8A	09/14/06	373.40	36.54	336.86	ND
MW-8A	12/21/06	373.40	23.35	350.05	ND
MW-8A	03/20/07	373.40	41.52	331.88	ND
MW-8A	06/19/07	373.40	41.75	331.65	ND
MW-8A	09/18/07	373.40	41.97	331.43	ND
MW-8A	01/02/08	373.40	41.70	331.70	ND
MW-8A	09/04/08	373.40	41.63	331.77	ND
MW-8A	03/04/09	373.40	41.36	332.04	ND
MW-8A	12/21/09	373.40	42.60	330.80	ND
MW-8A	06/29/10	373.40	41.46	331.94	ND
MW-8A	03/14/11	373.40	40.02	333.38	ND
MW-8A	09/14/11	373.40	40.74	332.66	ND
MW-8A	03/21/12	373.40	41.46	331.94	ND
MW-8A	09/06/12	373.40	41.99	331.41	ND
MW-8A	03/06/13	373.40	42.11	331.29	ND

Table 2
Groundwater Elevations
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadene Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (ft msl)	DEPTH TO WATER (ft toc)	STATIC GROUNDWATER ELEVATION (ft msl)	LIQUID PRODUCT THICKNESS (In)
MW-8A	11/11/13	373.40	42.77	330.63	ND
MW-8A	03/11/14	373.40	42.74	330.66	ND
MW-9A	03/05/90	363.86	35.62	328.24	ND
MW-9A	08/22/91	363.86	35.56	328.30	ND
MW-9A	07/20/98	363.71	33.61	330.10	ND
MW-9A	11/30/99	363.71	35.50	328.21	ND
MW-9A	03/15/00	363.71	34.65	329.06	ND
MW-9A	06/29/00	363.71	34.76	328.95	ND
MW-9A	09/19/00	363.71	35.17	328.54	ND
MW-9A	12/04/00	363.71	35.48	328.23	ND
MW-9A	03/26/01	363.71	34.02	329.69	ND
MW-9A	05/16/01	363.71	34.28	329.43	ND
MW-9A	08/20/01	363.71	34.83	328.88	ND
MW-9A	12/17/01	363.71	35.41	328.30	ND
MW-9A	02/27/02	363.71	35.60	328.11	ND
MW-9A	06/03/02	363.71	35.80	327.91	ND
MW-9A	08/12/02	363.71	35.81	327.90	ND
MW-9A	11/11/02	363.81	35.95	327.86	ND
MW-9A	03/10/03	363.81	35.25	328.56	ND
MW-9A	05/19/03	363.81	34.50	329.31	ND
MW-9A	08/25/03	363.81	35.05	328.76	ND
MW-9A	11/17/03	363.81	35.25	328.56	ND
MW-9A	03/22/04	363.81	34.95	328.86	ND
MW-9A	05/17/04	363.81	35.15	328.66	ND
MW-9A	08/16/04	363.81	35.48	328.33	ND
MW-9A	11/15/04	363.81	35.11	328.70	ND
MW-9A	03/15/05	363.81	32.10	331.71	ND
MW-9A	06/13/05	363.81	33.51	330.30	ND
MW-9A	08/24/05	363.81	34.42	329.39	ND
MW-9A	12/21/05	363.81	34.69	329.12	ND
MW-9A	05/31/06	363.68	34.17	329.51	ND
MW-9A	09/13/06	363.68	34.90	328.78	ND
MW-9A	12/22/06	363.68	35.40	328.28	ND
MW-9A	03/21/07	363.68	35.50	328.18	ND
MW-9A	06/19/07	363.68	35.68	328.00	ND
MW-9A	09/18/07	363.68	35.83	327.85	ND
MW-9A	01/02/08	363.68	35.67	328.01	ND
MW-9A	09/04/08	363.68	35.40	328.28	ND
MW-9A	03/04/09	363.68	35.34	328.34	ND
MW-9A	12/21/09	366.43	38.87	327.56	ND
MW-9A	06/29/10	366.43	38.03	328.40	ND
MW-9A	03/14/11	366.43	36.93	329.50	ND
MW-9A	09/14/11	366.43	37.49	328.94	ND

Table 2
Groundwater Elevations
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadene Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (ft msl)	DEPTH TO WATER (ft toc)	STATIC GROUNDWATER ELEVATION (ft msl)	LIQUID PRODUCT THICKNESS (In)
MW-9A	03/21/12	366.43	38.12	328.31	ND
MW-9A	09/06/12	366.43	38.59	327.84	ND
MW-9A	03/06/13	366.43	38.78	327.65	ND
MW-9A	11/11/13	366.43	39.30	327.13	ND
MW-9A	03/11/14	366.43	39.33	327.10	ND
MW-9A	09/11/14	366.43	39.72	326.71	ND
MW-9A	03/02/15	366.43	39.66	326.77	ND
MW-9A	10/19/15	366.43	39.99	326.44	ND
MW-9A	03/15/16	366.43	39.72	326.71	ND
MW-9B	03/05/90	363.86	35.61	328.25	ND
MW-9B	08/22/91	363.86	35.53	328.33	ND
MW-9B	07/20/98	363.61	33.60	330.01	ND
MW-9B	11/30/99	363.61	35.44	328.17	ND
MW-9B	03/15/00	363.61	34.51	329.10	ND
MW-9B	06/29/00	363.61	34.62	328.99	ND
MW-9B	09/19/00	363.61	34.98	328.63	ND
MW-9B	12/04/00	363.61	35.48	328.13	ND
MW-9B	03/26/01	363.61	33.82	329.79	ND
MW-9B	05/16/01	363.61	34.10	329.51	ND
MW-9B	08/20/01	363.61	34.67	328.94	ND
MW-9B	12/17/01	363.61	35.21	328.40	ND
MW-9B	02/27/02	363.61	35.37	328.24	ND
MW-9B	06/03/02	363.61	35.62	327.99	ND
MW-9B	08/12/02	363.61	35.61	328.00	ND
MW-9B	11/11/02	363.76	35.76	328.00	ND
MW-9B	03/10/03	363.76	34.97	328.79	ND
MW-9B	05/19/03	363.76	34.30	329.46	ND
MW-9B	08/25/03	363.76	34.84	328.92	ND
MW-9B	11/17/03	363.76	35.03	328.73	ND
MW-9B	03/22/04	363.76	34.39	329.37	ND
MW-9B	05/17/04	363.76	34.65	329.11	ND
MW-9B	08/16/04	363.76	35.22	328.54	ND
MW-9B	11/15/04	363.76	34.85	328.91	ND
MW-9B	03/15/05	363.76	31.70	332.06	ND
MW-9B	06/13/05	363.76	33.26	330.50	ND
MW-9B	08/24/05	363.76	33.92	329.84	ND
MW-9B	12/21/05	363.76	34.36	329.40	ND
MW-9B	05/31/06	363.58	33.91	329.67	ND
MW-9B	09/13/06	363.58	34.61	328.97	ND
MW-9B	12/22/06	363.58	35.10	328.48	ND
MW-9B	03/21/07	363.58	35.25	328.33	ND
MW-9B	06/19/07	363.58	35.42	328.16	ND
MW-9B	09/18/07	363.58	35.60	327.98	ND

Table 2
Groundwater Elevations
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadene Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (ft msl)	DEPTH TO WATER (ft toc)	STATIC GROUNDWATER ELEVATION (ft msl)	LIQUID PRODUCT THICKNESS (In)
MW-9B	01/02/08	363.58	35.31	328.27	ND
MW-9B	09/04/08	363.58	35.18	328.40	ND
MW-9B	03/04/09	363.58	35.50	328.08	ND
MW-9B	12/21/09	366.56	38.93	327.63	ND
MW-9B	06/29/10	366.56	38.10	328.46	ND
MW-9B	03/14/11	366.56	37.47	329.09	ND
MW-9B	09/14/11	366.56	37.42	329.14	ND
MW-9B	03/21/12	366.56	38.12	328.44	ND
MW-9B	09/06/12	366.56	38.55	328.01	ND
MW-9B	03/06/13	366.56	38.70	327.86	ND
MW-9B	11/11/13	366.56	39.21	327.35	ND
MW-9B	03/11/14	366.56	39.29	327.27	ND
MW-9B	09/11/14	366.56	39.68	326.88	ND
MW-9B	03/02/15	366.56	39.60	326.96	ND
MW-9B	10/19/15	366.56	39.95	326.61	ND
MW-9B	03/15/16	366.56	39.68	326.88	ND
MW-10A	03/05/90	364.28	38.33	325.95	ND
MW-10A	08/22/91	364.28	38.46	325.82	ND
MW-10A	07/20/98	364.23	37.07	327.16	ND
MW-10A	11/30/99	364.23	38.52	325.71	ND
MW-10A	03/15/00	364.23	37.74	326.49	ND
MW-10A	06/29/00	364.23	35.95	328.28	ND
MW-10A	09/19/00	364.23	38.30	325.93	ND
MW-10A	12/04/00	364.23	38.52	325.71	ND
MW-10A	03/26/01	364.23	37.15	327.08	ND
MW-10A	05/16/01	364.23	37.57	326.66	ND
MW-10A	08/20/01	364.23	38.06	326.17	ND
MW-10A	12/17/01	364.23	38.50	325.73	ND
MW-10A	02/27/02	364.23	38.63	325.60	ND
MW-10A	06/03/02	364.23	38.81	325.42	ND
MW-10A	08/12/02	364.23	38.83	325.40	ND
MW-10A	11/11/02	364.35	38.93	325.42	ND
MW-10A	03/10/03	364.35	38.26	326.09	ND
MW-10A	05/19/03	364.35	37.78	326.57	ND
MW-10A	08/25/03	364.35	38.24	326.11	ND
MW-10A	11/17/03	364.35	38.42	325.93	ND
MW-10A	03/22/04	364.35	37.85	326.50	ND
MW-10A	05/17/04	364.35	38.09	326.26	ND
MW-10A	08/16/04	364.35	38.58	325.77	ND
MW-10A	11/15/04	364.35	38.21	326.14	ND
MW-10A	03/15/05	364.35	35.40	328.95	ND
MW-10A	06/13/05	364.35	37.15	327.20	ND
MW-10A	08/24/05	364.35	37.70	326.65	ND

Table 2
Groundwater Elevations
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadene Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (ft msl)	DEPTH TO WATER (ft toc)	STATIC GROUNDWATER ELEVATION (ft msl)	LIQUID PRODUCT THICKNESS (In)
MW-10A	12/21/05	364.35	38.02	326.33	ND
MW-10A	05/31/06	364.18	37.64	326.54	ND
MW-10A	09/13/06	364.18	38.19	325.99	ND
MW-10A	12/22/06	364.18	38.58	325.60	ND
MW-10A	03/21/07	364.18	38.66	325.52	ND
MW-10A	06/20/07	364.18	38.77	325.41	ND
MW-10A	09/18/07	364.18	39.00	325.18	ND
MW-10A	01/02/08	364.18	38.84	325.34	ND
MW-10A	09/04/08	364.18	38.68	325.50	ND
MW-10A	03/04/09	364.18	38.44	325.74	ND
MW-10A	12/21/09	366.96	41.91	325.05	ND
MW-10A	06/29/10	366.96	41.35	325.61	ND
MW-10A	03/14/11	366.96	40.44	326.52	ND
MW-10A	09/14/11	366.96	40.85	326.11	ND
MW-10A	03/21/12	366.96	41.37	325.59	ND
MW-10A	09/06/12	366.96	41.77	325.19	ND
MW-10A	03/06/13	366.96	41.88	325.08	ND
MW-10A	11/11/13	366.96	42.30	324.66	ND
MW-10A	03/11/14	366.96	42.35	324.61	ND
MW-10A	09/11/14	366.96	42.68	324.28	ND
MW-10A	03/02/15	366.96	42.59	324.37	ND
MW-10A	10/19/15	366.96	42.94	324.02	ND
MW-10A	03/15/16	366.96	42.66	324.30	ND
MW-10B	03/05/90	364.28	37.63	326.65	ND
MW-10B	08/22/91	364.28	37.62	326.66	ND
MW-10B	07/20/98	364.13	35.92	328.21	ND
MW-10B	11/30/99	364.13	37.58	326.55	ND
MW-10B	03/15/00	364.13	36.71	327.42	ND
MW-10B	06/29/00	364.13	36.92	327.21	ND
MW-10B	09/19/00	364.13	37.37	326.76	ND
MW-10B	12/04/00	364.13	38.52	325.61	ND
MW-10B	03/26/01	364.13	36.26	327.87	ND
MW-10B	05/16/01	364.13	36.44	327.69	ND
MW-10B	08/20/01	364.13	36.97	327.16	ND
MW-10B	12/17/01	364.13	37.42	326.71	ND
MW-10B	02/27/02	364.13	37.56	326.57	ND
MW-10B	06/03/02	364.13	37.80	326.33	ND
MW-10B	08/12/02	364.13	37.79	326.34	ND
MW-10B	11/11/02	364.22	37.90	326.32	ND
MW-10B	03/10/03	364.22	37.15	327.07	ND
MW-10B	05/19/03	364.22	36.58	327.64	ND
MW-10B	08/25/03	364.22	37.11	327.11	ND
MW-10B	11/17/03	364.22	37.28	326.94	ND

Table 2
Groundwater Elevations
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadene Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (ft msl)	DEPTH TO WATER (ft toc)	STATIC GROUNDWATER ELEVATION (ft msl)	LIQUID PRODUCT THICKNESS (In)
MW-10B	03/22/04	364.22	36.67	327.55	ND
MW-10B	05/17/04	364.22	36.96	327.26	ND
MW-10B	08/16/04	364.22	37.48	326.74	ND
MW-10B	11/15/04	364.22	37.14	327.08	ND
MW-10B	03/15/05	364.22	34.00	330.22	ND
MW-10B	06/13/05	364.22	35.79	328.43	ND
MW-10B	08/24/05	364.22	36.40	327.82	ND
MW-10B	12/21/05	364.22	36.76	327.46	ND
MW-10B	05/31/06	364.07	36.31	327.76	ND
MW-10B	09/13/06	364.07	36.95	327.12	ND
MW-10B	12/22/06	364.07	37.30	326.77	ND
MW-10B	03/21/07	364.07	37.45	326.62	ND
MW-10B	06/20/07	364.07	37.62	326.45	ND
MW-10B	09/18/07	364.07	37.85	326.22	ND
MW-10B	01/02/08	364.07	37.62	326.45	ND
MW-10B	09/04/08	364.07	37.54	326.53	ND
MW-10B	03/04/09	364.07	37.32	326.75	ND
MW-10B	12/21/09	366.90	40.95	325.95	ND
MW-10B	06/29/10	366.90	40.31	326.59	ND
MW-10B	03/14/11	366.90	39.10	327.80	ND
MW-10B	09/14/11	366.90	39.64	327.26	ND
MW-10B	03/21/12	366.90	40.24	326.66	ND
MW-10B	09/06/12	366.90	40.62	326.28	ND
MW-10B	03/06/13	366.90	40.73	326.17	ND
MW-10B	11/11/13	366.90	41.25	325.65	ND
MW-10B	03/11/14	366.90	41.28	325.62	ND
MW-10B	09/11/14	366.90	41.68	325.22	ND
MW-10B	03/02/15	366.90	41.58	325.32	ND
MW-10B	10/19/15	366.90	41.93	324.97	ND
MW-10B	03/15/16	366.90	41.64	325.26	ND
MW-11	09/20/00	363.78	33.71	330.07	ND
MW-11	12/05/00	363.78	33.98	329.80	ND
MW-11	03/27/01	363.78	32.52	331.26	ND
MW-11	05/17/01	363.78	32.83	330.95	ND
MW-11	08/21/01	363.78	33.40	330.38	ND
MW-11	12/17/01	363.78	33.93	329.85	ND
MW-11	02/27/02	363.78	34.12	329.66	ND
MW-11	06/03/02	363.78	34.35	329.43	ND
MW-11	08/12/02	363.78	34.34	329.44	ND
MW-11	11/11/02	363.92	34.55	329.37	ND
MW-11	03/10/03	363.92	33.70	330.22	ND
MW-11	05/19/03	363.92	33.01	330.91	ND
MW-11	08/25/03	363.92	33.58	330.34	ND

Table 2
Groundwater Elevations
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadene Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (ft msl)	DEPTH TO WATER (ft toc)	STATIC GROUNDWATER ELEVATION (ft msl)	LIQUID PRODUCT THICKNESS (In)
MW-11	11/17/03	363.92	33.80	330.12	ND
MW-11	03/22/04	363.92	33.15	330.77	ND
MW-11	05/17/04	363.92	33.45	330.47	ND
MW-11	08/16/04	363.92	34.03	329.89	ND
MW-11	11/15/04	---	---	---	---
MW-11	03/15/05	---	---	---	---
MW-11	06/13/05	---	---	---	---
MW-11	08/24/05	---	---	---	---
MW-11	12/21/05	---	---	---	---
MW-11	05/31/06	---	---	---	---
MW-11	09/13/06	---	---	---	---
MW-11	09/04/08	367.45	37.77	329.68	ND
MW-11	03/04/09	367.45	37.55	329.90	ND
MW-11	12/21/09	367.45	38.51	328.94	ND
MW-11	06/29/10	367.45	37.78	329.67	ND
MW-11	03/14/11	367.45	36.49	330.96	ND
MW-11	09/14/11	367.45	37.05	330.40	ND
MW-11	03/21/12	367.45	37.66	329.79	ND
MW-11	09/06/12	367.45	38.12	329.33	ND
MW-11	03/06/13	367.45	38.27	329.18	ND
MW-11	11/11/13	367.45	38.85	328.60	ND
MW-11	03/11/14	367.45	38.92	328.53	ND
MW-11	09/11/14	367.45	39.37	328.08	ND
MW-11	03/02/15	367.45	39.25	328.20	ND
MW-11	10/19/15	367.45	39.58	327.87	ND
MW-11	03/15/16	367.45	39.28	328.17	ND
MW-12	09/20/00	363.55	35.17	328.38	ND
MW-12	12/05/00	363.55	35.42	328.13	ND
MW-12	03/27/01	363.55	34.07	329.48	ND
MW-12	05/17/01	363.55	34.34	329.21	ND
MW-12	08/21/01	363.55	34.83	328.72	ND
MW-12	12/17/01	363.55	35.37	328.18	ND
MW-12	02/27/02	363.55	35.53	328.02	ND
MW-12	06/03/02	363.55	35.71	327.84	ND
MW-12	08/12/02	363.55	35.69	327.86	ND
MW-12	11/11/02	363.64	35.58	328.06	ND
MW-12	03/10/03	363.64	35.14	328.50	ND
MW-12	05/19/03	363.64	34.47	329.17	ND
MW-12	08/25/03	363.64	35.02	328.62	ND
MW-12	11/17/03	363.64	35.25	328.39	ND
MW-12	03/22/04	363.64	34.60	329.04	ND
MW-12	05/17/04	363.64	34.88	328.76	ND
MW-12	08/16/04	363.64	35.43	328.21	ND

Table 2
Groundwater Elevations
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadene Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (ft msl)	DEPTH TO WATER (ft toc)	STATIC GROUNDWATER ELEVATION (ft msl)	LIQUID PRODUCT THICKNESS (In)
MW-12	11/15/04	363.64	35.05	328.59	ND
MW-12	03/15/05	363.64	31.80	331.84	ND
MW-12	06/13/05	363.64	33.36	330.28	ND
MW-12	08/24/05	363.64	33.80	329.84	ND
MW-12	12/21/05	363.64	34.29	329.35	ND
MW-12	05/31/06	363.64	33.81	329.83	ND
MW-12	09/13/06	---	---	---	---
MW-12	12/21/06	---	---	---	---
MW-12	09/04/08	365.76	37.76	328.00	ND
MW-12	03/04/09	365.76	37.51	328.25	ND
MW-12	12/21/09	365.75	38.36	327.39	ND
MW-12	06/29/10	365.75	37.83	327.92	ND
MW-12	03/14/11	365.75	36.56	329.19	ND
MW-12	09/14/11	365.75	37.17	328.58	ND
MW-12	03/21/12	365.75	37.58	328.17	ND
MW-12	09/06/12	365.75	38.03	327.72	ND
MW-12	03/06/13	365.75	38.18	327.57	ND
MW-12	11/11/13	365.75	38.72	327.03	ND
MW-12	03/11/14	365.75	38.73	327.02	ND
MW-12	09/11/14	365.75	39.11	326.64	ND
MW-12	03/02/15	365.75	39.03	326.72	ND
MW-12	10/19/15	365.75	39.42	326.33	ND
MW-12	03/15/16	365.75	39.11	326.64	ND
MW-13A	09/19/00	359.95	39.91	320.04	ND
MW-13A	12/05/00	359.95	40.14	319.81	ND
MW-13A	03/26/01	359.95	38.87	321.08	ND
MW-13A	05/16/01	359.95	39.13	320.82	ND
MW-13A	08/20/01	359.95	39.67	320.28	ND
MW-13A	12/17/01	359.95	40.10	319.85	ND
MW-13A	02/27/02	359.95	40.19	319.76	ND
MW-13A	06/03/02	359.95	40.39	319.56	ND
MW-13A	08/12/02	359.95	40.41	319.54	ND
MW-13A	11/11/02	360.06	40.47	319.59	ND
MW-13A	03/10/03	360.06	39.85	320.21	ND
MW-13A	05/19/03	360.06	---	---	---
MW-13A	08/25/03	360.06	---	---	---
MW-13A	11/17/03	360.06	39.40	320.66	ND
MW-13A	03/22/04	360.06	39.45	320.61	ND
MW-13A	05/17/04	360.06	39.68	320.38	ND
MW-13A	08/16/04	360.06	41.45	318.61	ND
MW-13A	11/15/04	360.06	39.85	320.21	ND
MW-13A	03/15/05	360.06	36.00	324.06	ND
MW-13A	06/13/05	360.06	38.40	321.66	ND

Table 2
Groundwater Elevations
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadene Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (ft msl)	DEPTH TO WATER (ft toc)	STATIC GROUNDWATER ELEVATION (ft msl)	LIQUID PRODUCT THICKNESS (In)
MW-13A	08/24/05	360.06	39.24	320.82	ND
MW-13A	12/21/05	360.06	39.66	320.40	ND
MW-13A	06/05/06	359.93	39.15	320.78	ND
MW-13A	09/13/06	359.93	39.77	320.16	ND
MW-13A	12/21/06	359.93	40.10	319.83	ND
MW-13A	03/20/07	359.93	40.24	319.69	ND
MW-13A	06/19/07	359.93	40.31	319.62	ND
MW-13A	09/18/07	359.93	40.55	319.38	ND
MW-13A	01/02/08	359.93	40.41	319.52	ND
MW-13A	09/04/08	359.93	40.26	319.67	ND
MW-13A	03/04/09	359.93	40.05	319.88	ND
MW-13A	12/21/09	359.93	40.66	319.27	ND
MW-13A	06/29/10	359.93	39.86	320.07	ND
MW-13A	03/14/11	359.93	38.99	320.94	ND
MW-13A	09/14/11	359.93	40.62	319.31	ND
MW-13A	03/21/12	359.93	40.18	319.75	ND
MW-13A	09/06/12	359.93	40.50	319.43	ND
MW-13A	03/06/13	359.93	40.59	319.34	ND
MW-13A	11/11/13	359.93	40.97	318.96	ND
MW-13A	03/11/14	359.93	40.97	318.96	ND
MW-13A	09/11/14	359.93	41.26	318.67	ND
MW-13A	03/02/15	359.93	41.21	318.72	ND
MW-13A	10/19/15	359.93	41.50	318.43	ND
MW-13A	03/15/16	359.93	41.24	318.69	ND
MW-13B	09/19/00	360.11	41.22	318.89	ND
MW-13B	12/05/00	360.11	41.54	318.57	ND
MW-13B	03/26/01	360.11	40.16	319.95	ND
MW-13B	05/16/01	360.11	40.34	319.77	ND
MW-13B	08/20/01	360.11	40.95	319.16	ND
MW-13B	12/17/01	360.11	41.46	318.65	ND
MW-13B	02/27/02	360.11	41.58	318.53	ND
MW-13B	06/03/02	360.11	41.85	318.26	ND
MW-13B	08/12/02	360.11	41.90	318.21	ND
MW-13B	11/11/02	360.27	41.96	318.31	ND
MW-13B	03/10/03	360.27	41.00	319.27	ND
MW-13B	05/19/03	360.27	---	---	---
MW-13B	08/25/03	360.27	---	---	---
MW-13B	11/17/03	360.27	40.15	320.12	ND
MW-13B	03/22/04	360.27	40.53	319.74	ND
MW-13B	05/17/04	360.27	40.76	319.51	ND
MW-13B	08/16/04	360.27	41.29	318.98	ND
MW-13B	11/15/04	360.27	41.03	319.24	ND
MW-13B	03/15/05	360.27	37.00	323.27	ND

Table 2
Groundwater Elevations
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadene Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (ft msl)	DEPTH TO WATER (ft toc)	STATIC GROUNDWATER ELEVATION (ft msl)	LIQUID PRODUCT THICKNESS (In)
MW-13B	06/13/05	360.27	39.08	321.19	ND
MW-13B	08/24/05	360.27	39.92	320.35	ND
MW-13B	12/21/05	360.27	40.45	319.82	ND
MW-13B	06/05/06	359.88	40.02	319.86	ND
MW-13B	09/13/06	359.88	40.70	319.18	ND
MW-13B	12/21/06	359.88	41.11	318.77	ND
MW-13B	03/20/07	359.88	41.35	318.53	ND
MW-13B	06/19/07	359.88	41.81	318.07	ND
MW-13B	09/18/07	359.88	41.76	318.12	ND
MW-13B	01/02/08	359.88	41.60	318.28	ND
MW-13B	09/04/08	359.88	41.44	318.44	ND
MW-13B	03/04/09	359.88	41.27	318.61	ND
MW-13B	12/21/09	359.88	42.04	317.84	ND
MW-13B	06/29/10	359.88	41.05	318.83	ND
MW-13B	03/14/11	359.88	40.01	319.87	ND
MW-13B	09/15/11	359.88	40.62	319.26	ND
MW-13B	03/21/12	359.88	41.25	318.63	ND
MW-13B	09/06/12	359.88	41.68	318.20	ND
MW-13B	03/06/13	359.88	41.82	318.06	ND
MW-13B	11/11/13	359.88	42.34	317.54	ND
MW-13B	03/11/14	359.88	42.40	317.48	ND
MW-13B	09/11/14	359.88	42.92	316.96	ND
MW-13B	03/02/15	359.88	42.75	317.13	ND
MW-13B	10/19/15	359.88	43.16	316.72	ND
MW-13B	03/15/16	359.88	42.91	316.97	ND
MW-14	11/11/02	356.67	40.79	315.88	ND
MW-14	03/10/03	356.67	---	---	---
MW-14	05/19/03	356.67	---	---	---
MW-14	08/25/03	356.67	---	---	---
MW-14	11/17/03	356.67	---	---	---
MW-14	03/22/04	356.67	---	---	---
MW-14	05/17/04	356.67	---	---	---
MW-14	08/16/04	356.67	---	---	---
MW-14	11/15/04	356.67	38.37	318.30	ND
MW-14	03/15/05	356.67	34.00	322.67	ND
MW-14	06/13/05	356.67	36.55	320.12	ND
MW-14	08/24/05	356.67	37.50	319.17	ND
MW-14	12/21/05	356.67	38.08	318.59	ND
MW-14	06/05/06	355.05	37.50	317.55	ND
MW-14	09/13/06	355.05	38.25	316.80	ND
MW-14	12/21/06	355.05	37.65	317.40	ND
MW-14	03/20/07	355.05	38.84	316.21	ND
MW-14	06/19/07	355.05	38.91	316.14	ND

Table 2
Groundwater Elevations
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadene Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (ft msl)	DEPTH TO WATER (ft toc)	STATIC GROUNDWATER ELEVATION (ft msl)	LIQUID PRODUCT THICKNESS (In)
MW-14	09/18/07	355.05	39.20	315.85	ND
MW-14	01/02/08	355.05	39.00	316.05	ND
MW-14	09/04/08	355.05	38.80	316.25	ND
MW-14	03/04/09	355.05	38.51	316.54	ND
MW-14	12/21/09	355.05	39.20	315.85	ND
MW-14	06/29/10	355.05	36.21	318.84	ND
MW-14	03/14/11	355.05	37.30	317.75	ND
MW-14	09/14/11	355.05	38.02	317.03	ND
MW-14	03/21/12	355.05	38.64	316.41	ND
MW-14	09/06/12	355.05	39.07	315.98	ND
MW-14	03/06/13	355.05	39.20	315.85	ND
MW-14	11/11/13	355.05	39.63	315.42	ND
MW-14	03/11/14	355.05	39.62	315.43	ND
MW-14	09/11/14	355.05	40.10	314.95	ND
MW-14	03/02/15	355.05	39.92	315.13	ND
MW-14	10/19/15	355.05	40.33	314.72	ND
MW-14	03/15/16	355.05	39.92	315.13	ND
MW-15	11/11/02	354.20	38.70	315.50	ND
MW-15	03/10/03	354.20	37.96	316.24	ND
MW-15	05/19/03	354.20	37.25	316.95	ND
MW-15	08/25/03	354.20	37.83	316.37	ND
MW-15	11/17/03	354.20	38.13	316.07	ND
MW-15	03/22/04	354.20	37.57	316.63	ND
MW-15	05/17/04	354.20	37.70	316.50	ND
MW-15	08/16/04	354.20	38.23	315.97	ND
MW-15	11/15/04	354.20	38.10	316.10	ND
MW-15	03/15/05	354.20	33.80	320.40	ND
MW-15	06/13/05	354.20	36.22	317.98	ND
MW-15	08/24/05	354.20	37.04	317.16	ND
MW-15	12/21/05	354.20	37.59	316.61	ND
MW-15	06/05/06	353.91	37.02	316.89	ND
MW-15	09/13/06	353.91	37.80	316.11	ND
MW-15	12/21/06	353.91	38.19	315.72	ND
MW-15	03/20/07	353.91	38.88	315.03	ND
MW-15	06/19/07	353.91	38.45	315.46	ND
MW-15	09/18/07	353.91	38.76	315.15	ND
MW-15	01/02/08	353.91	38.55	315.36	ND
MW-15	09/04/08	353.91	38.37	315.54	ND
MW-15	03/04/09	353.91	38.10	315.81	ND
MW-15	12/21/09	353.91	39.02	314.89	ND
MW-15	06/29/10	353.91	37.72	316.19	ND
MW-15	03/14/11	353.91	36.84	317.07	ND
MW-15	09/14/11	353.91	37.62	316.29	ND

Table 2
Groundwater Elevations
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadene Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (ft msl)	DEPTH TO WATER (ft toc)	STATIC GROUNDWATER ELEVATION (ft msl)	LIQUID PRODUCT THICKNESS (In)
MW-15	03/21/12	353.91	37.23	316.68	ND
MW-15	09/06/12	353.91	38.66	315.25	ND
MW-15	03/06/13	353.91	38.78	315.13	ND
MW-15	11/11/13	353.91	39.19	314.72	ND
MW-15	03/11/14	353.91	39.18	314.73	ND
MW-15	09/11/14	353.91	39.59	314.32	ND
MW-15	03/02/15	353.91	39.51	314.40	ND
MW-15	10/19/15	353.91	39.87	314.04	ND
MW-15	03/15/16	353.91	39.57	314.34	ND
MW-16A	05/31/06	364.84	34.04	330.80	ND
MW-16A	09/13/06	364.84	34.69	330.15	ND
MW-16A	12/22/06	364.84	35.15	329.69	ND
MW-16A	03/21/07	364.84	35.25	329.59	ND
MW-16A	06/20/07	364.84	35.44	329.40	ND
MW-16A	09/18/07	364.84	35.69	329.15	ND
MW-16A	01/02/08	364.84	35.45	329.39	ND
MW-16A	09/04/08	364.84	35.31	329.53	ND
MW-16A	03/04/09	364.84	35.09	329.75	ND
MW-16A	12/21/09	364.83	36.00	328.83	ND
MW-16A	06/29/10	364.83	35.35	329.48	ND
MW-16A	03/14/11	364.83	34.03	330.80	ND
MW-16A	09/14/11	364.83	34.61	330.22	ND
MW-16A	03/21/12	364.83	35.22	329.61	ND
MW-16A	09/06/12	364.83	35.67	329.16	ND
MW-16A	03/06/13	364.83	35.79	329.04	ND
MW-16A	11/11/13	364.83	36.38	328.45	ND
MW-16A	03/11/14	364.83	36.43	328.40	ND
MW-16A	09/11/14	364.83	36.89	327.94	ND
MW-16A	03/02/15	364.83	36.75	328.08	ND
MW-16A	10/19/15	364.83	37.10	327.73	ND
MW-16A	03/15/16	364.83	36.79	328.04	ND
MW-16B	05/31/06	365.61	34.70	330.91	ND
MW-16B	09/13/06	365.61	35.35	330.26	ND
MW-16B	12/22/06	365.61	35.80	329.81	ND
MW-16B	03/21/07	365.61	35.95	329.66	ND
MW-16B	06/20/07	365.61	36.15	329.46	ND
MW-16B	09/18/07	365.61	36.38	329.23	ND
MW-16B	01/02/08	365.61	36.15	329.46	ND
MW-16B	09/04/08	365.61	36.00	329.61	ND
MW-16B	03/04/09	365.61	35.80	329.81	ND
MW-16B	12/21/09	365.61	36.77	328.84	ND
MW-16B	06/29/10	365.61	36.01	329.60	ND

Table 2
Groundwater Elevations
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadene Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (ft msl)	DEPTH TO WATER (ft toc)	STATIC GROUNDWATER ELEVATION (ft msl)	LIQUID PRODUCT THICKNESS (In)
MW-16B	03/14/11	365.61	34.68	330.93	ND
MW-16B	09/14/11	365.61	35.30	330.31	ND
MW-16B	03/21/12	365.61	35.93	329.68	ND
MW-16B	09/06/12	365.61	36.37	329.24	ND
MW-16B	03/06/13	365.61	36.51	329.10	ND
MW-16B	11/11/13	365.61	37.11	328.50	ND
MW-16B	03/11/14	365.61	37.18	328.43	ND
MW-16B	09/11/14	365.61	37.59	328.02	ND
MW-16B	03/02/15	365.61	37.48	328.13	ND
MW-16B	10/19/15	365.61	37.86	327.75	ND
MW-16B	03/15/16	365.61	37.52	328.09	ND
MW-16C	05/31/06	365.10	33.33	331.77	ND
MW-16C	09/13/06	365.10	34.08	331.02	ND
MW-16C	12/22/06	365.10	34.43	330.67	ND
MW-16C	03/21/07	365.10	34.66	330.44	ND
MW-16C	06/20/07	365.10	34.96	330.14	ND
MW-16C	09/18/07	365.10	35.11	329.99	ND
MW-16C	01/02/08	365.10	34.87	330.23	ND
MW-16C	09/04/08	365.10	34.75	330.35	ND
MW-16C	03/04/09	365.10	34.49	330.61	ND
MW-16C	12/21/09	365.08	35.46	329.62	ND
MW-16C	06/29/10	365.08	34.66	330.42	ND
MW-16C	03/14/11	365.08	33.26	331.82	ND
MW-16C	09/14/11	365.08	33.93	331.15	ND
MW-16C	03/21/12	365.08	34.62	330.46	ND
MW-16C	09/06/12	365.08	35.11	329.97	ND
MW-16C	03/06/13	365.08	35.22	329.86	ND
MW-16C	11/11/13	365.08	35.85	329.23	ND
MW-16C	03/11/14	365.08	35.86	329.22	ND
MW-16C	09/11/14	365.08	34.30	330.78	ND
MW-16C	03/02/15	365.08	36.17	328.91	ND
MW-16C	10/19/15	365.08	36.55	328.53	ND
MW-16C	03/15/16	365.08	36.27	328.81	ND
K-1	04/05/89	365.21	---	---	0.5 - 1.0
K-1	03/05/90	365.21	---	---	3.6
K-1	08/22/91	365.21	35.12	330.09	ND
K-1	07/21/98	365.07	33.10	331.97	ND
K-1	11/30/99	365.07	35.14	329.93	ND
K-1	03/15/00	365.07	34.18	330.89	ND
K-1	06/29/00	365.07	34.29	330.78	ND
K-1	09/20/00	365.07	34.71	330.36	ND
K-1	12/04/00	365.07	35.06	330.01	ND

Table 2
Groundwater Elevations
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadene Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (ft msl)	DEPTH TO WATER (ft toc)	STATIC GROUNDWATER ELEVATION (ft msl)	LIQUID PRODUCT THICKNESS (In)
K-1	03/26/01	365.07	33.55	331.52	ND
K-1	05/17/01	365.07	33.80	331.27	ND
K-1	08/21/01	365.07	34.42	330.65	ND
K-1	12/17/01	365.07	34.98	330.09	ND
K-1	02/27/02	365.07	35.22	329.85	ND
K-1	06/03/02	365.07	35.43	329.64	ND
K-1	08/12/02	365.07	35.42	329.65	ND
K-1	11/11/02	365.23	35.60	329.63	ND
K-1	03/10/03	365.23	34.78	330.45	ND
K-1	05/19/03	365.23	33.98	331.25	ND
K-1	08/25/03	365.23	34.60	330.63	ND
K-1	11/17/03	365.23	34.75	330.48	ND
K-1	03/22/04	365.23	34.11	331.12	ND
K-1	05/17/04	365.23	34.35	330.88	ND
K-1	08/16/04	365.23	35.06	330.17	ND
K-1	11/15/04	365.23	34.63	330.60	ND
K-1	03/15/05	365.23	31.40	333.83	ND
K-1	06/13/05	365.23	33.02	332.21	ND
K-1	08/24/05	365.23	33.76	331.47	ND
K-1	12/21/05	365.23	34.27	330.96	ND
K-1	05/31/06	365.03	33.73	331.30	ND
K-1	09/13/06	365.03	34.40	330.63	ND
K-1	12/22/06	365.03	35.45	329.58	ND
K-1	03/20/07	365.03	35.18	329.85	ND
K-1	06/19/07	365.03	35.30	329.73	ND
K-1	09/18/07	365.03	35.52	329.51	ND
K-1	01/02/08	365.03	35.30	329.73	ND
K-1	09/04/08	367.77	37.84	329.93	ND
K-1	03/04/09	367.77	37.63	330.14	ND
K-1	12/21/09	367.78	38.56	329.22	ND
K-1	06/29/10	367.78	37.81	329.97	ND
K-1	03/14/11	367.78	36.45	331.33	ND
K-1	09/14/11	367.78	37.07	330.71	ND
K-1	03/21/12	367.78	37.83	329.95	ND
K-1	09/06/12	367.78	38.26	329.52	ND
K-1	03/06/13	367.78	38.43	329.35	ND
K-1	11/11/13	367.78	38.98	328.80	ND
K-1	03/11/14	367.78	39.06	328.72	ND
K-1	09/11/14	367.78	39.54	328.24	ND
K-1	03/02/15	367.78	39.42	328.36	ND
K-1	10/19/15	367.78	39.80	327.98	ND
K-1	03/15/16	367.78	39.51	328.27	ND
K-2	04/05/89	366.01	---	---	0.5 - 1.0

Table 2
Groundwater Elevations
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadene Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (ft msl)	DEPTH TO WATER (ft toc)	STATIC GROUNDWATER ELEVATION (ft msl)	LIQUID PRODUCT THICKNESS (In)
K-2	03/05/90	366.01	---	---	<0.1
K-2	08/22/91	366.01	35.97	330.04	ND
K-2	07/21/98	365.60	33.71	331.89	ND
K-2	11/30/99	365.60	35.79	329.81	ND
K-2	03/15/00	365.60	34.80	330.80	ND
K-2	06/29/00	365.60	34.93	330.67	ND
K-2	09/20/00	365.60	35.37	330.23	ND
K-2	12/04/00	365.60	35.65	329.95	ND
K-2	03/26/01	365.60	34.14	331.46	ND
K-2	05/17/01	365.60	34.41	331.19	ND
K-2	08/21/01	365.60	35.01	330.59	ND
K-2	12/17/01	365.60	35.62	329.98	ND
K-2	02/27/02	365.60	35.77	329.83	ND
K-2	06/03/02	365.60	36.06	329.54	ND
K-2	08/12/02	365.60	36.05	329.55	ND
K-2	11/11/02	365.70	36.27	329.43	ND
K-2	03/10/03	365.70	35.41	330.29	ND
K-2	05/19/03	365.70	34.67	331.03	ND
K-2	08/25/03	365.70	35.23	330.47	ND
K-2	11/17/03	365.70	35.46	330.24	ND
K-2	03/22/04	365.70	34.50	331.20	ND
K-2	05/17/04	365.70	35.10	330.60	ND
K-2	08/16/04	365.70	35.70	330.00	ND
K-2	11/15/04	365.70	35.35	330.35	ND
K-2	03/15/05	365.70	32.10	333.60	ND
K-2	06/13/05	365.70	33.70	332.00	ND
K-2	08/24/05	365.70	34.39	331.31	ND
K-2	12/21/05	365.70	34.90	330.80	ND
K-2	05/31/06	365.53	34.32	331.21	ND
K-2	09/13/06	365.53	35.08	330.45	ND
K-2	12/22/06	365.53	34.80	330.73	ND
K-2	03/20/07	365.53	35.77	329.76	ND
K-2	06/19/07	365.53	35.95	329.58	ND
K-2	09/18/07	365.53	38.14	327.39	ND
K-2	01/02/08	365.53	35.90	329.63	ND
K-2	07/28/08	---	---	---	---
K-3	07/21/98	365.28	33.52	331.76	ND
K-3	11/30/99	365.28	35.56	329.72	ND
K-3	03/15/00	365.29	34.61	330.68	ND
K-3	06/29/00	365.28	34.74	330.54	ND
K-3	09/20/00	365.28	35.18	330.10	ND
K-3	12/04/00	365.28	35.48	329.80	ND
K-3	03/26/01	365.28	34.00	331.28	ND

Table 2
Groundwater Elevations
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadene Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (ft msl)	DEPTH TO WATER (ft toc)	STATIC GROUNDWATER ELEVATION (ft msl)	LIQUID PRODUCT THICKNESS (In)
K-3	05/17/01	365.28	34.00	331.28	ND
K-3	08/21/01	365.28	34.82	330.46	ND
K-3	12/17/01	365.28	35.39	329.89	ND
K-3	02/27/02	365.28	35.61	329.67	ND
K-3	06/03/02	365.28	35.82	329.46	ND
K-3	08/12/02	365.28	35.83	329.45	ND
K-3	11/11/02	365.41	35.95	329.46	ND
K-3	03/10/03	365.41	35.15	330.26	ND
K-3	05/19/03	365.41	34.44	330.97	ND
K-3	08/25/03	365.41	---	---	---
K-3	11/17/03	365.41	35.25	330.16	ND
K-3	03/22/04	365.41	34.60	330.81	ND
K-3	05/17/04	365.41	34.88	330.53	ND
K-3	08/16/04	365.41	35.50	329.91	ND
K-3	11/15/04	365.41	35.12	330.29	ND
K-3	03/15/05	365.41	32.00	333.41	ND
K-3	06/13/05	365.41	33.53	331.88	ND
K-3	08/24/05	365.41	34.19	331.22	ND
K-3	12/21/05	364.80	---	---	---
K-3	09/04/08	364.80	---	---	---
K-3	03/04/09	364.80	---	---	---
K-3	12/18/09	---	---	---	---
OSMW-3	12/21/09	356.72	---	---	---
OSMW-17	12/21/09	357.46	---	---	---

NOTES:

ft msl	Feet as referenced to mean sea level
ft toc	Feet below top-of-casing
in	inches
<	LNAPL detected below indicated thickness
---	Well not monitored

Table 3
Groundwater Monitoring Well Sampling Information
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadene Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Monitoring Well Sampling Location	Sampling Order	Analysis Method	QA/QC Samples
MW-16C	1	VOCs by 8260B	
K-1	2	VOCs by 8260B	
MW-16B	3	VOCs by 8260B	FB-1
MW-10B	4	VOCs by 8260B	DUP-1
MW-9A	5	VOCs by 8260B	
MW-7	6	VOCs by 8260B	
MW-10A	7	VOCs by 8260B	
MW-3	8	VOCs by 8260B	
MW-12	9	VOCs by 8260B	
MW-11	10	VOCs by 8260B	
MW-16A	11	VOCs by 8260B	
MW-13A	12	VOCs by 8260B	
MW-13B	13	VOCs by 8260B	DUP-2
MW-14	14	VOCs by 8260B	
MW-15	15	VOCs by 8260B	
	TOTAL	**15**	

Notes:

DUP	Duplicate
Equip Blnk	Equipment Blank
FB	Field Blank
QA/QC	Quality Assuance/Quality Control
VOCs	Volatile Organic Compounds

Table 4
Groundwater Quality Parameters
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Well Id	Date	pH	Temperature (Degrees Celcius)	Dissolved Oxygen (mg/L)	Specific Conductivity (S/M)	Turbidity (NTU)	ORP (mV)
MW-2	12/21/05	7.23	21.7	4.90	0.150	670	157
MW-2	05/31/06	6.84	20	1.37	9.99†	0.0	104
MW-2	09/14/06	6.73	22.1	3.95	0.125	9.0	139
MW-2	12/22/06	6.57	21.1	6.64	0.155	0.0	104
MW-2	03/20/07	6.37	19.6	6.76	0.165	0.0**	147
MW-2	06/19/07	6.88	20.7	5.48	0.144	0.0	191
MW-2	09/19/07	6.50	22.1	5.85	0.150	10.0	143
MW-2	01/02/08	6.80	22.2	4.80	0.160	42.0	137
MW-2	09/05/08	NR	NR	NR	NR	NR	NR
MW-2	03/05/09	6.78	20.9	4.95	0.142	1.0	-10.0
MW-2	12/22/09	NR	NR	NR	NR	NR	NR
MW-2	06/29/10	6.85	21.5	4.74	0.136	0.0	64.1
MW-2	03/17/11	7.67	22.2	5.01	0.132	15.3	279
MW-2	09/14/11	7.58	23.2	4.45	0.147	10.4	476
MW-2	03/23/12	6.82	21.7	4.26	0.114	17.9	317
MW-2	09/06/12	7.05	22.3	1.78	0.094	20.5	234
MW-2	03/06/13	7.92	21.2	2.44	0.073	19.3	250
MW-2	11/11/13	7.30	21.7	1.69	0.105	20.2	247
MW-2	03/11/14	7.30	20.7	1.37	0.079	17.5	249
MW-3	12/21/05	7.18	20.3	5.50	0.130	990	152
MW-3	05/31/06	6.84	20.6	1.28	0.164	71.0	-146
MW-3	09/14/06	6.71	22.2	3.95	0.124	0.0	138
MW-3	12/28/06	NR	NR	NR	NR	NR	NR
MW-3	03/21/07	6.50	18.7	4.51	0.162	0.0**	107
MW-3	06/20/07	6.80	21.4	3.18	0.152	0.0	139
MW-3	09/19/07	6.52	22.8	6.36	0.160	0.0	138
MW-3	01/03/08	6.60	19.7	5.80	0.150	94.0	82.0
MW-3	09/05/08	6.80	23.3	4.20	0.143	4.0	139
MW-3	03/05/09	6.79	18.6	4.80	0.143	1.0	29.0
MW-3	12/22/09	6.70	19.8	4.70	0.144	2.0	-64.6
MW-3	06/29/10	6.79	21.9	4.62	0.133	1.0	67.0
MW-3	03/17/11	7.45	21.2	4.86	0.126	10.3	274
MW-3	09/15/11	7.57	23.2	4.07	0.144	8.2	240
MW-3	03/23/12	6.69	22.1	3.57	0.104	54.5	318
MW-3	09/06/12	6.92	28.5	1.72	0.125	21.1	254
MW-3	03/07/13	7.22	19.7	1.93	0.067	19.7	300
MW-3	11/12/13	6.94	21.7	1.99	0.100	19.7	241
MW-3	03/12/14	7.19	23.3	1.58	0.072	18.1	271
MW-3	09/11/14	7.43	27.0	1.56	0.091	28.4	245
MW-3	03/02/15	7.07	22.4	1.89	0.138	23.9	156
MW-3	10/19/15	7.43	24.2	1.14	0.136	29.4	197
MW-3	03/15/16	6.75	21.4	1.74	0.132	22.2	215
MW-7	12/22/05	6.94	22.5	4.10	0.140	990	-35.0
MW-7	05/31/06	6.71	21.0	0.910	9.99†	0.0	21.0
MW-7	09/15/06	6.56	21.3	2.91	0.125	0.0	37.0
MW-7	12/22/06	7.88	21.7	5.80	0.159	0.0	-16.0
MW-7	03/21/07	7.27	21.0	4.26	0.151	0.0**	-20.0
MW-7	06/20/07	6.99	21.2	3.20	0.152	0.0	-9.0
MW-7	09/19/07	6.55	21.5	5.20	0.160	0.0	44.0
MW-7	01/03/08	6.70	23.0	4.20	0.150	84.0	-70.0
MW-7	09/04/08	6.80	22.2	3.89	0.144	2.0	110

Table 4
Groundwater Quality Parameters
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Well Id	Date	pH	Temperature (Degrees Celcius)	Dissolved Oxygen (mg/L)	Specific Conductivity (S/M)	Turbidity (NTU)	ORP (mV)
MW-7	03/05/09	6.77	22.0	3.70	0.147	1.0	-34.6
MW-7	12/21/09	6.40	22.4	3.90	0.147	8.0	-62.1
MW-7	06/29/10	6.73	21.5	3.81	0.135	2.0	110
MW-7	03/15/11	7.39	23.8	3.50	0.140	14.1	229
MW-7	09/15/11	7.51	20.1	3.20	0.154	12.4	239
MW-7	03/21/12	7.36	22.8	3.20	0.100	20.1	288
MW-7	09/06/12	7.09	22.6	1.96	0.098	15.7	233
MW-7	03/06/13	7.22	19.7	1.47	0.069	19.9	161
MW-7	11/11/13	7.06	20.1	2.14	0.089	18.9	285
MW-7	03/11/14	7.24	23.2	1.19	0.094	16.8	242
MW-7	09/11/14	8.07	26.4	1.74	0.726	23.1	243
MW-7	03/02/15	7.29	22.1	1.49	0.107	25.1	232
MW-7	10/19/15	7.90	19.3	1.19	0.129	29.6	159
MW-7	03/15/16	7.13	22.5	2.08	0.129	23.5	225
MW-8A	12/21/05	6.81	21.1	5.10	0.140	350	193
MW-8A	06/05/06	6.88	21.7	4.01	2.370	0.0	123
MW-8A	09/14/06	6.66	21.8	3.33	0.127	0.0	137
MW-8A	12/21/06	7.80	20.4	6.75	0.160	0.0	198
MW-8A	03/20/07	6.48	20.6	6.87	0.183	0.0**	117
MW-8A	06/19/07	6.93	21.9	5.08	0.151	38.2	167
MW-8A	09/18/07	6.46	22.3	9.34	0.160	9.0	125
MW-8A	01/02/08	6.80	21.2	4.60	0.160	73.0	149
MW-8A	09/05/08	NR	NR	NR	NR	NR	NR
MW-8A	03/05/09	6.84	20.9	5.08	0.147	2.0	9.7
MW-8A	12/22/09	NR	NR	NR	NR	NR	NR
MW-8A	06/29/10	6.82	22.1	5.30	0.138	1.0	80.1
MW-8A	03/15/11	7.42	24.2	3.82	0.130	17.8	217
MW-8A	09/15/11	7.57	18.6	3.05	0.147	11.2	229
MW-8A	03/22/12	6.87	24.1	3.27	0.125	9.2	303
MW-8A	09/07/12	7.03	26.5	1.71	3.410	21.9	266
MW-8A	03/06/13	7.68	21.0	2.69	0.074	17.6	235
MW-8A	11/12/13	7.06	18.9	1.84	0.098	15.6	254
MW-8A	03/12/14	7.12	20.4	1.49	0.073	20.8	286
MW-9A	12/22/05	7.26	22.1	0.500	0.140	-10.0	-259
MW-9A	05/31/06	6.79	21.3	0.00	0.309	0.0	-300
MW-9A	09/15/06	6.72	21.2	0.00	0.117	0.0	200
MW-9A	12/22/06	NR	NR	NR	NR	NR	NR
MW-9A	03/21/07	8.65	21.2	0.420	0.163	0.0**	-334
MW-9A	06/20/07	7.04	21.4	0.130	0.145	0.0	-283
MW-9A	09/19/07	6.67	21.3	3.61	0.150	0.0	-334
MW-9A	01/03/08	6.80	22.3	2.50	0.150	95.0	-309
MW-9A	09/05/08	6.80	22.2	0.350	0.143	9.0	-176
MW-9A	03/04/09	6.74	21.9	0.300	0.140	5.0	-139
MW-9A	12/22/09	6.70	22.0	0.670	0.146	5.0	-301
MW-9A	06/29/10	6.93	21.8	0.320	0.135	6.0	-300
MW-9A	03/15/11	7.39	23.0	1.29	0.131	17.5	-84.0
MW-9A	09/15/11	7.46	20.0	1.04	0.149	12.5	-109
MW-9A	03/21/12	6.94	22.4	1.18	0.115	22.1	-137
MW-9A	09/06/12	7.22	24.6	1.01	0.106	20.5	-23.0
MW-9A	03/06/13	7.40	21.2	0.910	0.065	21.6	-88.0
MW-9A	11/12/13	7.12	15.9	0.770	0.071	21.4	-28.0

Table 4
Groundwater Quality Parameters
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Well Id	Date	pH	Temperature (Degrees Celcius)	Dissolved Oxygen (mg/L)	Specific Conductivity (S/M)	Turbidity (NTU)	ORP (mV)
MW-9A	03/11/14	7.09	22.6	0.470	0.084	16.6	42.0
MW-9A	03/03/15	7.21	24.1	0.590	0.103	28.1	4.0
MW-9A	03/15/16	7.12	22.3	0.770	0.128	20.9	33.0
MW-9B	12/22/05	7.37	21.9	2.20	0.140	990	-19.0
MW-9B	05/31/06	6.89	21.3	0.390	9.99†	0.0	42.0
MW-9B	09/15/06	6.69	21.1	1.22	0.127	0.0	114
MW-9B	12/22/06	NR	NR	NR	NR	NR	NR
MW-9B	03/21/07	7.99	20.9	0.230	0.176	0.0**	-307
MW-9B	06/20/07	6.99	21.6	9.13	0.000	63.1	3.0
MW-9B	09/19/07	6.70	21.2	5.40	0.150	0.0	-121
MW-9B	01/03/08	6.80	21.9	2.80	0.150	87.0	-150
MW-9B	09/04/08	6.90	22.0	1.94	0.139	2.0	64.7
MW-9B	03/04/09	6.71	21.3	1.59	0.140	3.0	-2.2
MW-9B	12/22/09	6.60	21.7	1.76	0.147	3.0	15.6
MW-9B	06/29/10	6.94	21.6	1.64	0.138	1.0	-214
MW-9B	03/15/11	7.56	24.4	2.61	0.134	12.7	135
MW-9B	09/15/11	7.56	20.7	2.55	0.148	14.0	103
MW-9B	03/21/12	7.39	22.7	2.44	0.100	25.2	280
MW-9B	09/06/12	7.24	23.0	1.21	0.108	23.0	175
MW-9B	03/06/13	7.34	21.8	1.58	0.074	17.3	221
MW-9B	11/12/13	7.10	17.4	2.18	0.080	20.3	308
MW-9B	03/11/14	7.21	22.2	0.870	0.083	24.0	265
MW-9B	03/03/15	7.14	22.8	1.85	0.125	25.4	206
MW-10A	12/22/05	7.18	21.8	0.200	0.130	-10.0	-328
MW-10A	05/31/06	6.81	21.4	0.0	367	0.0	-318
MW-10A	09/15/06	6.78	21.2	0.0	0.116	0.0	-343
MW-10A	12/22/06	NR	NR	NR	NR	NR	NR
MW-10A	03/21/07	8.06	21.0	0.450	0.163	0.0**	-339
MW-10A	06/20/07	6.72	21.5	0.0	0.142	0.0	-216
MW-10A	09/19/07	6.59	21.6	6.67	0.000	9.0	7.0
MW-10A	01/03/08	6.60	22.2	3.20	0.150	86.0	-220
MW-10A	09/05/08	6.80	22.2	0.310	0.140	2.0	-143
MW-10A	03/04/09	6.51	21.6	0.220	0.139	3.0	-94.5
MW-10A	12/22/09	6.80	21.8	0.260	0.143	2.0	-308
MW-10A	06/29/10	6.90	21.9	0.140	0.128	3.0	-204
MW-10A	03/15/11	7.45	20.6	2.06	0.121	15.4	24.0
MW-10A	09/14/11	7.81	22.9	2.17	0.139	10.6	34.0
MW-10A	03/21/12	6.90	22.4	2.11	0.111	18.4	57.0
MW-10A	09/06/12	7.08	30.7	0.680	0.122	22.7	90.0
MW-10A	03/06/13	7.16	22.7	1.97	0.072	19.5	57.0
MW-10A	11/11/13	7.06	18.5	2.07	0.086	23.6	170
MW-10A	03/11/14	7.18	22.9	0.820	0.083	16.5	153
MW-10A	09/11/14	8.19	25.8	1.55	0.089	28.5	251
MW-10A	03/03/15	7.18	22.2	0.890	0.137	17.8	104
MW-10A	10/19/15	7.86	21.1	0.720	0.130	27.6	-169
MW-10A	03/15/16	6.74	22.2	1.07	0.100	29.0	128
MW-10B	12/22/05	7.40	21.6	2.50	0.150	-10.0	-255
MW-10B	05/31/06	7.20	21.1	0.00	0.134	0.0	-277
MW-10B	09/15/06	7.05	21.0	0.210	0.131	0.0	-250
MW-10B	12/22/06	NR	NR	NR	NR	NR	NR

Table 4
Groundwater Quality Parameters
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Well Id	Date	pH	Temperature (Degrees Celcius)	Dissolved Oxygen (mg/L)	Specific Conductivity (S/M)	Turbidity (NTU)	ORP (mV)
MW-10B	03/21/07	7.58	20.7	1.45	0.169	0.0**	-248
MW-10B	06/20/07	7.60	21.5	3.54	0.138	0.0	76.0
MW-10B	09/19/07	6.82	21.1	4.66	0.160	0.0	-65.0
MW-10B	01/03/08	6.90	21.9	2.30	0.160	54.0	17.0
MW-10B	09/05/08	7.10	21.9	0.550	0.145	3.0	-28.7
MW-10B	03/04/09	6.73	21.1	0.600	0.146	5.0	44.6
MW-10B	12/22/09	6.90	21.6	0.590	0.153	10.0	-248
MW-10B	06/29/10	7.08	21.5	0.380	0.140	1.0	-43.7
MW-10B	09/14/11	7.68	22.7	1.80	0.145	11.2	268
MW-10B	03/21/12	7.07	21.2	2.02	0.124	16.6	262
MW-10B	09/06/12	7.34	31.5	0.980	0.143	33.8	249
MW-10B	03/06/13	7.10	22.2	1.11	0.089	20.7	210
MW-10B	11/11/13	7.14	19.2	2.23	0.102	14.9	216
MW-10B	03/11/14	7.32	24.2	0.720	0.102	14.2	202
MW-10B	03/03/15	7.22	23.6	1.89	0.141	31.2	202
MW-10B	03/15/16	7.16	22.1	1.85	0.128	27.6	198
MW-11	09/05/08	6.80	21.3	4.36	0.142	15.0	128
MW-11	03/04/09	6.42	21.4	4.31	0.139	49.0	-7.3
MW-11	12/22/09	6.60	22.1	4.27	0.144	101	-72.1
MW-11	06/29/10	6.79	20.2	5.07	0.129	17.0	75.1
MW-11	03/17/11	7.38	23.1	4.30	0.134	72.6	277
MW-11	09/15/11	7.41	22.7	3.15	0.158	31.5	208
MW-11	03/23/12	6.89	19.7	2.61	0.116	29.6	305
MW-11	09/06/12	6.98	26.5	2.04	0.110	75.7	254
MW-11	03/07/13	7.36	18.6	1.60	0.067	15.1	296
MW-11	11/11/13	7.00	21.9	2.14	0.099	22.2	249
MW-11	03/12/14	7.10	25.0	1.54	0.101	23.2	256
MW-11	09/11/14	7.57	26.6	1.69	0.077	26.9	285
MW-11	03/02/15	7.06	22.0	1.83	0.145	21.8	210
MW-11	10/19/15	7.36	21.9	1.30	0.127	34.1	230
MW-11	03/15/16	6.66	22.7	1.56	0.122	24.2	179
MW-12	12/21/05	6.81	21.6	4.50	0.130	360	69.0
MW-12	05/31/06	6.64	19.3	1.60	0.141	999	-212
MW-12	09/05/08	6.80	23.9	3.05	0.142	2.0	31.5
MW-12	03/04/09	6.64	18.7	3.74	0.138	5.0	-16.5
MW-12	12/22/09	6.70	20.7	3.90	0.143	6.0	-44.1
MW-12	06/29/10	6.80	20.8	2.67	0.130	75.0	-127
MW-12	03/15/11	7.32	23.2	2.62	0.132	25.6	150
MW-12	09/15/11	7.20	20.4	2.51	0.146	30.1	109
MW-12	03/22/12	6.69	22.9	2.53	0.117	147	311
MW-12	09/06/12	7.06	25.7	1.76	0.110	476	220
MW-12	03/06/13	6.86	18.5	2.51	0.067	18.8	206
MW-12	11/12/13	6.98	21.8	1.48	0.102	25.4	224
MW-12	03/12/14	7.04	23.1	1.83	0.081	21.9	260
MW-12	09/11/14	8.19	24.3	1.76	0.088	28.3	276
MW-12	03/03/15	7.22	23.2	1.97	0.111	176	244
MW-12	10/19/15	8.23	21.0	0.810	0.142	28.1	251
MW-12	03/15/16	6.66	22.4	1.55	0.145	130	222
MW-13A	12/21/05	6.66	21.9	1.30	0.140	18.0	181
MW-13A	06/05/06	6.66	21.5	0.220	9.99†	0.0	125

Table 4
Groundwater Quality Parameters
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Well Id	Date	pH	Temperature (Degrees Celcius)	Dissolved Oxygen (mg/L)	Specific Conductivity (S/M)	Turbidity (NTU)	ORP (mV)
MW-13A	09/14/06	7.71	20.8	5.54	0.121	0.0	NM
MW-13A	12/21/06	7.87	21.0	4.18	0.161	205	-242
MW-13A	03/20/07	6.71	21.1	2.92	0.178	0.0**	92.0
MW-13A	06/19/07	6.68	21.6	0.980	0.151	0.0	187
MW-13A	09/18/07	6.39	21.5	7.57	0.150	43.0	142
MW-13A	01/02/08	6.70	22.3	2.30	0.160	73.0	125
MW-13A	09/04/08	6.60	22.2	1.49	0.143	2.0	40.9
MW-13A	03/05/09	6.69	21.8	1.09	0.148	2.0	-14.4
MW-13A	12/21/09	6.50	22.1	1.85	0.150	4.0	-88.1
MW-13A	06/29/10	6.66	21.9	0.550	0.143	3.0	106
MW-13A	03/14/11	7.18	21.3	1.21	0.147	9.2	78.0
MW-13A	09/14/11	7.24	22.3	1.27	0.141	6.1	84.0
MW-13A	03/22/12	6.83	23.3	1.38	0.124	24.4	284
MW-13A	09/06/12	6.94	29.5	1.08	0.121	21.5	259
MW-13A	03/07/13	6.94	19.0	1.26	0.077	22.5	221
MW-13A	11/12/13	6.90	17.5	2.00	0.086	19.1	289
MW-13A	03/12/14	7.04	19.5	0.940	0.076	24.0	286
MW-13A	09/12/14	7.21	22.2	1.54	0.073	28.6	310
MW-13A	03/03/15	7.25	23.8	1.42	0.164	42.5	218
MW-13A	10/20/15	7.27	24.4	1.14	0.042	26.2	108
MW-13A	03/16/16	7.22	19.7	1.44	0.188	23.5	252
MW-13B	12/21/05	7.30	21.5	3.40	0.140	-10.0	154
MW-13B	06/05/06	6.96	21.1	0.470	9.99†	0.0	113
MW-13B	09/14/06	7.97	20.8	5.66	0.124	0.0	NM
MW-13B	12/21/06	7.89	21.1	3.96	0.243	0.0	-85.0
MW-13B	03/20/07	6.62	20.8	3.06	0.170	0.0**	105
MW-13B	06/19/07	7.09	21.4	1.09	0.145	0.0	181
MW-13B	09/18/07	6.62	21.2	7.34	0.140	1.0	126
MW-13B	01/02/08	6.90	21.9	2.80	0.150	71.0	155
MW-13B	09/04/08	6.90	22.0	2.37	0.139	3.0	74.2
MW-13B	03/05/09	6.68	21.4	1.98	0.144	5.0	-12.4
MW-13B	12/21/09	6.60	21.6	2.84	0.147	4.0	-11.2
MW-13B	06/29/10	6.87	21.5	2.05	0.136	1.0	107
MW-13B	03/15/11	7.46	19.3	1.45	0.129	15.9	248
MW-13B	09/14/11	7.67	22.3	1.57	0.129	13.5	195
MW-13B	03/22/12	7.11	22.4	1.47	0.132	9.1	287
MW-13B	09/06/12	7.10	31.4	1.44	0.147	22.4	248
MW-13B	03/07/13	6.94	18.5	1.50	0.069	19.9	144
MW-13B	11/12/13	7.05	18.1	1.48	0.082	25.6	299
MW-13B	03/12/14	7.12	19.7	0.920	0.071	18.4	286
MW-13B	09/12/14	7.74	21.7	1.48	0.088	23.8	304
MW-13B	03/03/15	7.27	23.5	1.92	0.128	26.0	239
MW-13B	10/20/15	7.36	24.9	0.990	0.066	24.2	98.0
MW-13B	03/16/16	7.53	20.4	2.02	0.126	18.5	254
MW-14	12/21/05	7.05	21.7	4.40	0.140	990	181
MW-14	06/05/06	6.67	21.3	0.620	9.99†	150	132
MW-14	09/14/06	8.05	19.8	6.33	0.117	12.0	NM
MW-14	12/21/06	7.84	21.1	5.65	0.151	309	33.0
MW-14	03/20/07	6.57	21.0	6.44	0.173	0.0**	122
MW-14	06/19/07	6.12	21.8	8.15	0.000	71.3	216
MW-14	09/18/07	6.47	21.3	5.50	0.150	85.0	147

Table 4
Groundwater Quality Parameters
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Well Id	Date	pH	Temperature (Degrees Celcius)	Dissolved Oxygen (mg/L)	Specific Conductivity (S/M)	Turbidity (NTU)	ORP (mV)
MW-14	01/02/08	6.70	22.1	3.20	0.160	400	147
MW-14	09/04/08	6.70	23.0	4.01	0.143	176	208
MW-14	03/05/09	6.75	20.6	4.40	0.192	93.0	-4.0
MW-14	12/21/09	6.50	21.8	3.56	0.149	104	90.1
MW-14	06/29/10	6.66	22.0	1.45	0.137	124	151
MW-14	03/14/11	7.39	24.1	1.30	0.141	14.3	81.0
MW-14	09/14/11	7.28	19.9	1.43	0.128	15.5	73.0
MW-14	03/21/12	7.21	22.5	1.45	0.116	20.6	280
MW-14	09/07/12	7.09	25.1	1.80	0.106	24.5	267
MW-14	03/07/13	6.94	19.2	1.80	0.074	15.4	264
MW-14	11/12/13	6.86	18.2	1.55	0.090	777	211
MW-14	03/12/14	7.03	18.4	1.02	0.070	21.5	290
MW-14	09/12/14	7.25	22.2	1.84	0.065	25.8	277
MW-14	03/03/15	7.36	23.5	1.64	0.131	83.3	215
MW-14	10/20/15	7.24	24.1	1.16	0.042	32.9	111
MW-14	03/16/16	7.08	21.1	1.66	0.124	112	204
MW-15	12/21/05	6.76	21.5	2.10	0.130	520	206
MW-15	06/05/06	6.49	21.1	0.340	9.99[†]	50.0	152
MW-15	09/14/06	7.84	20.8	5.81	0.110	0.0	NM
MW-15	12/21/06	7.76	20.9	3.84	0.319	360	11.0
MW-15	03/20/07	6.60	20.8	2.01	0.167	21.5	115
MW-15	06/19/07	6.52	21.2	0.620	0.143	31.0	197
MW-15	09/18/07	6.38	21.1	4.79	0.150	43.0	149
MW-15	01/02/08	6.60	21.9	2.50	0.160	140	150
MW-15	09/04/08	6.60	21.8	0.930	0.136	11.0	131
MW-15	03/05/09	6.59	21.5	0.870	0.138	7.0	-18.2
MW-15	12/21/09	6.30	21.8	1.70	0.144	49.0	-93.1
MW-15	06/29/10	6.58	21.6	0.650	0.127	4.0	138
MW-15	03/14/11	7.25	22.6	1.26	0.128	5.1	99.0
MW-15	09/14/11	7.29	20.9	1.33	0.139	3.8	96.0
MW-15	03/21/12	6.91	21.8	1.19	0.111	19.5	282
MW-15	09/07/12	6.98	25.2	1.53	0.100	29.4	269
MW-15	03/07/13	7.01	19.2	1.37	0.071	19.1	297
MW-15	11/12/13	6.89	18.1	1.61	0.089	26.3	216
MW-15	03/12/14	6.95	18.3	1.05	0.066	24.0	296
MW-15	03/12/14	7.22	21.8	1.84	0.068	24.9	280
MW-15	03/03/15	7.29	24.2	1.65	0.109	52.7	242
MW-15	10/20/15	7.08	23.1	0.950	0.128	29.9	111
MW-15	03/16/16	7.00	21.0	1.82	0.136	27.1	200
MW-16A	06/05/06	6.98	20.2	7.71	0.200	120	52.0
MW-16A	09/15/06	6.97	20.7	0.00	0.162	0.0	-78.0
MW-16A	12/28/06	NR	NR	NR	NR	NR	NR
MW-16A	03/21/07	7.94	20.4	2.19	0.166	220	-105
MW-16A	06/20/07	6.51	19.9	2.82	0.153	0.0	88.0
MW-16A	09/19/07	6.51	20.9	5.28	0.160	5.0	141
MW-16A	01/03/08	6.60	22.5	4.10	0.150	94.0	38.0
MW-16A	09/05/08	6.80	21.4	2.96	0.142	9.0	58.2
MW-16A	03/05/09	6.74	21.1	3.35	0.144	9.0	-12.1
MW-16A	12/22/09	6.50	22.1	3.42	0.144	9.0	-80.2
MW-16A	06/29/10	6.73	20.2	3.13	0.129	80.0	79.1
MW-16A	03/15/11	7.36	22.0	3.48	0.130	27.6	136

Table 4
Groundwater Quality Parameters
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Well Id	Date	pH	Temperature (Degrees Celcius)	Dissolved Oxygen (mg/L)	Specific Conductivity (S/M)	Turbidity (NTU)	ORP (mV)
MW-16A	09/15/11	7.52	20.7	3.21	0.148	15.7	152
MW-16A	03/22/12	6.59	23.5	2.75	0.125	9.19	303
MW-16A	09/06/12	6.77	26.7	1.61	0.117	121	262
MW-16A	03/07/13	7.22	19.5	1.68	0.074	26.3	302
MW-16A	11/12/13	6.95	22.1	1.97	0.102	393	257
MW-16A	03/11/14	7.09	24.8	1.46	0.088	26.1	248
MW-16A	03/02/15	7.11	22.4	1.84	0.143	74.7	239
MW-16A	03/15/16	7.24	22.9	1.66	0.152	49.5	218
MW-16B	06/05/06	6.92	20.4	1.20	9.99†	139	132
MW-16B	09/15/06	6.50	20.7	0.590	0.118	0.0	-20.0
MW-16B	12/28/06	NR	NR	NR	NR	NR	NR
MW-16B	03/21/07	6.68	20.5	6.64	0.155	0.0**	106
MW-16B	06/20/07	7.03	20.2	3.37	0.142	0.0	119
MW-16B	09/19/07	6.55	20.5	7.21	0.150	23.0	147
MW-16B	01/03/08	6.70	22.2	4.10	0.150	98.0	40.0
MW-16B	09/05/08	6.90	21.2	3.53	0.141	10.0	103
MW-16B	03/05/09	6.70	21.5	3.39	0.144	2.0	-17.8
MW-16B	12/22/09	6.50	21.6	3.35	0.145	5.0	-34.1
MW-16B	06/29/10	6.82	20.8	3.89	0.139	3.0	72.0
MW-16B	03/17/11	7.54	22.3	3.49	0.141	10.6	235
MW-16B	09/15/11	7.60	22.6	1.81	0.153	7.5	194
MW-16B	03/22/12	6.76	24.8	1.80	0.111	21.3	299
MW-16B	09/06/12	6.94	27.6	1.67	0.114	24.5	242
MW-16B	03/07/13	7.36	19.7	2.05	0.074	20.5	285
MW-16B	11/12/13	7.06	19.6	2.35	0.897	23.6	242
MW-16B	03/12/14	7.14	22.8	1.96	0.084	20.3	242
MW-16B	09/11/14	7.63	26.7	1.66	0.078	29.9	281
MW-16B	03/02/15	7.11	22.1	1.86	0.155	25.3	239
MW-16B	10/19/15	7.59	21.1	1.30	0.110	24.0	207
MW-16B	03/15/16	6.77	22.3	2.00	0.131	19.6	232
MW-16C	06/05/06	7.14	20.9	0.00	9.99†	47.0	60.0
MW-16C	09/15/06	6.69	20.3	2.95	0.123	0.0	12.0
MW-16C	12/28/06	NR	NR	NR	NR	NR	NR
MW-16C	03/21/07	6.85	20.6	0.870	0.230	0.0**	69.0
MW-16C	06/20/07	7.45	20.5	0.00	0.186	15.1	7.0
MW-16C	09/19/07	6.93	20.8	5.00	0.190	11.0	75.0
MW-16C	01/03/08	7.00	21.7	2.40	0.190	61.0	-44.0
MW-16C	09/05/08	7.10	21.7	0.250	0.189	4.0	30.0
MW-16C	03/05/09	7.10	21.1	0.150	0.194	6.0	-22.8
MW-16C	12/22/09	6.70	21.2	0.240	0.195	9.0	-113
MW-16C	06/29/10	7.10	21.3	0.400	0.186	3.0	64.3
MW-16C	03/15/11	7.74	21.2	2.03	0.173	31.3	223
MW-16C	09/15/11	7.65	21.4	2.08	0.180	26.1	257
MW-16C	03/22/12	7.16	23.9	2.32	0.146	33.4	299
MW-16C	09/06/12	7.00	27.8	0.760	0.156	28.3	240
MW-16C	03/07/13	7.32	19.0	2.21	0.098	15.4	268
MW-16C	11/12/13	7.35	18.9	2.30	0.124	18.9	221
MW-16C	03/12/14	7.39	22.9	0.750	0.125	8.8	234
MW-16C	03/02/15	7.14	21.5	1.64	0.153	20.9	213
MW-16C	03/15/16	7.05	22.9	1.84	0.113	18.1	249

Table 4
Groundwater Quality Parameters
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Well Id	Date	pH	Temperature (Degrees Celcius)	Dissolved Oxygen (mg/L)	Specific Conductivity (S/M)	Turbidity (NTU)	ORP (mV)
K-1	12/21/05	7.79	19.0	6.2*	0.140	510	81.0
K-1	05/31/06	7.27	21.0	2.03	9.99†	8.0	-36.0
K-1	09/15/06	7.32	20.7	5.33	0.124	15.0	119
K-1	12/22/06	8.75	17.9	8.90	0.155	380	21.0
K-1	03/20/07	6.94	18.5	5.63	0.183	0.0**	63.0
K-1	06/20/07	7.32	20.5	4.57	0.151	12.0	59.0
K-1	09/19/07	7.17	20.5	6.86	0.150	3.0	94.0
K-1	01/03/08	7.30	21.3	4.80	0.150	10.0	0.0
K-1	09/05/08	6.90	22.4	4.29	0.147	7.0	112
K-1	03/05/09	6.74	21.1	4.44	0.148	8.0	-8.9
K-1	12/21/09	6.40	21.8	4.52	0.150	10.0	-63.3
K-1	06/29/10	6.81	21.6	4.80	0.138	3.0	49.0
K-1	03/17/11	7.36	24.2	4.81	0.133	26.2	174
K-1	09/15/11	7.38	22.6	3.96	0.143	19.4	115
K-1	03/23/12	6.77	21.4	3.65	0.121	69.2	212
K-1	09/06/12	6.87	26.7	1.73	0.114	20.8	256
K-1	03/06/13	6.86	19.6	3.13	0.060	46.1	189
K-1	11/12/13	7.04	17.8	1.27	0.092	20.2	186
K-1	03/11/14	7.10	22.4	1.55	0.084	21.6	286
K-1	09/11/14	7.12	24.9	1.48	0.097	22.6	205
K-1	03/02/15	7.16	21.1	1.74	0.110	40.9	240
K-1	10/19/15	7.38	22.9	0.960	0.048	24.5	223
K-1	03/15/16	6.81	23.9	1.62	0.135	66.2	246
K-2	12/21/05	7.82	21.4	6.4*	0.150	460	148
K-2	05/31/06	6.91	20.9	6.08	0.280	2.0	125
K-2	12/22/06	8.80	16.7	9.09	0.151	0.0	73.0
K-2	03/20/07	6.86	17.8	4.57	0.184	0.0**	76.0
K-2	06/19/07	7.40	20.6	5.41	0.148	0.0	104
K-2	09/19/07	7.18	19.7	6.91	0.150	4.0	135
K-2	01/03/08	7.20	21.4	5.20	0.150	160	-6.0

Notes:
E_h = standard reduction potential (calculated from ORP using method recommended by instrument manufacturer)
mV = millivolts
mg/L = milligrams per liter
NTU = nephelometric turbidity units
NM = Not Monitored
NR = No Purge Record
ORP = field measured oxidation-reduction potential (various reference electrodes)
S/M = siemens per meter
ug/cm = Beginning March 2011
Water quality parameters taken inside well with a Horiba U-22 except MW-13A, MW-13B, MW-14, MW-15, K-1 and K-2
* = Dissolved oxygen likely elevated because of air lift techniques
† = Specific conductivity instrument showing an error message
**=Turbidity meter not functioning properly

Table 5
Groundwater Analytical Results
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Monitoring Well	Date Sampled	EPA 8015M	EPA 8260B						
		TEPH (TPHd) (µg/L)	**CF (µg/L)**	**1,1-DCE (µg/L)**	**c-DCE (µg/L)**	**t-DCE (µg/L)**	**PCE (µg/L)**	**TCE (µg/L)**	**OTHER VOCs**
Cal EPA MCLs (µg/L)		210[1]	80[4]	6	6	10	5	5	See values at end of table
MW-2	7/20/98	100 U	---	1.0 U	1.0 U	1.0 U	1.6	1.4	Methylene Chloride (**8.5**) 1,1,1,2-PCA (1.2)
MW-2	11/30/99	100 U	---	1.0 U	1.0 U	1.0 U	4.08	1.26	
MW-2	3/15/00	100 U	---	1.0 U	1.0 U	1.0 U	4.8	2.2	
MW-2	6/29/00	100 U	---	1.0 U	1.0 U	1.0 U	3.3	1.4	
MW-2	9/20/00	100 U	---	1.0 U	1.0 U	1.0 U	3.5	1.4	
MW-2	12/4/00	100 U	---	1.0 U	1.0 U	1.0 U	2.5	1.0	
MW-2	3/26/01	50 U	---	0.5 U	0.5 U	0.5 U	4.5	2.3	
MW-2	5/16/01	50 U	0.5 U	0.5 U	0.5 U	0.5 U	2.9	1.3	
MW-2	8/20/01	50 U	0.5 U	0.5 U	0.5 U	0.5 U	1.6	0.5 U	
MW-2	12/17/01	50 U	0.5 U	0.5 U	0.5 U	0.5 U	2.6	0.93	
MW-2	2/27/02	50 U	0.52	0.5 U	0.5 U	0.5 U	3.1	1.3	
MW-2	6/3/02	50 U	0.5 U	0.5 U	0.65	0.5 U	3.8	2.5	
MW-2	8/12/02	50 U	0.77	0.5 U	1.0	0.5 U	3.8	2.4	
MW-2	11/12/02	50 U	0.72	0.5 U	0.82	0.5 U	0.5 U	2.0	
MW-2	3/10/03	50 U	0.70	0.5 U	0.70	0.5 U	1.2	1.9	
MW-2	5/19/03	50 U	0.70	0.5 U	0.70	0.5 U	2.0	1.2	
MW-2	8/25/03	50 U	0.79	0.5 U	0.78	0.5 U	2.0	1.0	
MW-2	11/18/03	50 U	0.74	0.5 U	0.65	0.5 U	1.7	0.94	
MW-2	3/23/04	50 U	0.52	0.5 U	0.78	0.5 U	1.3	0.85	
MW-2	5/18/04	50 U	0.63	0.5 U	0.55	0.5 U	2.0	0.89	
MW-2	8/17/04	50 U	0.55	1.0 U	0.68	0.5 U	2.3	1.2	
MW-2	11/16/04	50 U	0.86	1.0 U	0.68	0.5 U	1.9	0.89	
MW-2	3/15/05	50 U	0.58	1.0 U	0.84	0.5 U	1.8	1.4	
MW-2	6/13/05	50 U	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	
MW-2	8/24/05	50 U	0.5 U	1.0 U	0.5 U	0.5 U	0.67	0.5 U	
MW-2	12/21/05	44 U	0.46J	0.31 U	0.35 U	0.29 U	0.82J	0.30 U	
MW-2	5/31/06	48 U	1.5B	0.31 U	0.35 U	0.29 U	1.1	0.30 U	Methylene Chloride (**7.4J,B**)
MW-2	9/14/06	48 U	0.75	0.26 U	0.63 U	0.83 U	0.87J	0.31 U	
MW-2	12/22/06	48 U	0.47J	0.26 U	0.63 U	0.83 U	0.97J	0.31 U	
MW-2	3/20/07	48 U	0.43 J	0.26 U	0.63 U	0.83 U	1.7	0.31 U	
MW-2	6/19/07	48 U	0.44J	0.29 U	0.35 U	0.38 U	1.7	0.46J	
MW-2	9/19/07	48 U	0.24 U	0.29 U	0.35 U	0.38 U	1.5	0.37 U	
MW-2	1/2/08	48 U	0.69 J	0.29 U	0.35 U	0.38 U	1.1	0.37 U	
MW-2	3/5/09	48 U	0.43 J	0.40 U	0.49 U	0.40 U	1.1	0.30 U	
MW-2	6/30/10	48 U	0.38 J	0.31 U	0.49 U	0.40 U	2.2	0.36J	
MW-2	3/17/11	500 U	1.0 U	1.0 U	1.0 U	1.0 U	1.5	1.0 U	
MW-2	9/15/11	500 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	
MW-2	3/23/12	500 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1	1.0 U	
MW-2	9/6/12	500 U	1.0 U	1.0 U	1.0 U	1.0 U	1.5	1.0 U	
MW-2	3/6/13	500 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1	1.0 U	
MW-2	11/11/13	---	1.0 U	1.0 U	1.0 U	1.0 U	1.3	1.0 U	
MW-2	3/11/14	---	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	
				To Be Abandoned					
MW-3	7/21/98	160	---	50 U	5.0 U	50 U	**850**	50 U	
MW-3	11/30/99	130	---	20 U	10 U	10 U	**308**	**24.3**	
MW-3	3/15/00	100 U	---	10 U	10 U	10 U	**510**	**71**	
MW-3	6/29/00	100 U	---	2.0 U	2.0	2.0 U	**100**	**20**	
MW-3	9/20/00	100 U	---	2.0 U	3.8	2.2	**130**	**29**	
MW-3	12/5/00	100 U	---	1.0 U	1.0 U	1.0 U	**47**	**12**	
MW-3	3/27/01	**230**	---	25 U	25 U	25 U	**890**	**180**	
MW-3	5/17/01	180	2.5 U	2.5 U	**16**	2.5 U	**510**	**100**	
MW-3	8/21/01	50 U	0.5 U	0.5 U	**8.6**	0.5 U	**140**	**50**	
MW-3	12/18/01	69	2.5 U	2.5 U	**10**	2.5 U	**120**	**40**	
MW-3	2/28/02	50 U	1.7	5.0 U	5.9	2.4	**94**	**28**	

Table 5
Groundwater Analytical Results
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Monitoring Well	Date Sampled	EPA 8015M	EPA 8260B						
		TEPH (TPHd) (µg/L)	**CF (µg/L)**	**1,1-DCE (µg/L)**	**c-DCE (µg/L)**	**t-DCE (µg/L)**	**PCE (µg/L)**	**TCE (µg/L)**	**OTHER VOCs**
Cal EPA MCLs (µg/L)		210[1]	80[4]	6	6	10	5	5	See values at end of table
MW-3	6/4/02	50 U	0.5 U	0.5 U	5.6	3.3	**100**	**38**	
MW-3	8/13/02	100	1.7	0.5 U	**15**	4.5	**190**	**93**	
MW-3	11/12/02	150	2.6	2.5 U	**33**	7.2	**270**	**160**	
MW-3	3/11/03	60	2.1	1.0 U	**13**	2.8	**150**	**41**	
MW-3	5/19/03	90	2.1	1.0 U	**22**	2.8	**150**	**47**	
MW-3	8/26/03	65	2.5	0.5 U	**27**	2.5	**110**	**44**	
MW-3	11/18/03	58	0.5 U	0.5 U	**19**	2.9	**97**	2.2	
MW-3	3/23/04	160	1.7	1.0 U	**34**	5.8	**310**	**110**	
MW-3	5/18/04	66	1.8	0.5 U	**21**	1.5	**74**	**28**	
MW-3	8/17/04	59	1.7	1.0 U	**7.8**	1.4	**110**	**22**	
MW-3	11/16/04	95	2.2	1.0 U	**17**	3.2	**160**	**46**	
MW-3	3/15/05	**2300**	25 U	50 U	25 U	25 U	**5100**	**110**	
MW-3	6/13/05	**390**	2.5 U	5.0 U	**36**	2.5 U	**460**	**34**	
MW-3	8/25/05	150	2.5 U	5.0 U	**18**	2.5 U	**340**	**25**	
MW-3	12/21/05	110	1.4J	0.61 U	**15**	1.6J	**250**	**40**	
MW-3	5/31/06	150	3B	0.61 U	**38**	1.9J	**450**	**48**	
MW-3	9/14/06	48 U	1.2	0.26 U	**19**	1.7	**130**	**31**	
MW-3	12/28/06	48 U	0.98 J	0.26 U	**23**	2.2	**83**	**31**	
MW-3	3/21/07	69	1.1	0.26 U	**29**	3.0	**66**	**33**	
MW-3	6/20/07	48 U	0.79J	0.29 U	**11**	0.94J	**42**	**14**	
MW-3 (DUP-2)	6/20/07	---	0.87J	0.29 U	**12**	1.1	**44**	**15**	Ethanol (150)
MW-3	9/19/07	90	0.81 J	0.29 U	**51**	3.2	**130**	**41**	
DUP-2	9/19/07	---	0.93 J	0.29 U	**70**	4.1	**190**	**60**	
MW-3	1/3/08	50	0.76 J	0.29 U	**15**	1.3	**45**	**12**	
MW-3 DUP-2	1/3/08	---	0.82 J	0.29 U	**16**	1.2	**51**	**13**	
MW-3	9/5/08	50 U	1.0 U	1.0 U	**18**	1.8	**150**	**11**	
MW-3	3/5/09	48 U	0.96 J	0.40 U	**15**	0.87 J	**23**	**6.4**	
MW-3	12/22/09	60	0.79 J	0.40 U	**28**	3.7	**70**	**14**	
MW-3	6/30/10	48 U	0.83 J	0.31 U	**11**	0.40 U	**56**	4.9	
MW-3	3/17/11	500 U	1.0 U	1.0 U	**17**	1.1	**320**	**30**	
MW-3	9/15/11	500 U	1.0 U	1.0 U	2.5	1.0 U	**57**	3	
MW-3	3/23/12	1500 U	1.0 U	1.0 U	**15**	1.7	**97**	**9.3**	
MW-3	9/7/12	500 U	2.0 U	2.0 U	**21**	4.1	**220**	**18**	
MW-3	3/7/13	500 U	1.0 U	1.0 U	**13**	1.0 U	**46**	**5.3**	
MW-3	11/12/13	---	1.0 U	1.0 U	**49**	1.2	**140**	**10**	
MW-3	3/12/14	---	1.0 U	1.0 U	1.0 U	1.0 U	2.9	1.0 U	
MW-3	9/11/14	---	1.0 U	1.0 U	1.0 U	1.0 U	2.8	1.0 U	
MW-3	3/2/15	---	1.0 U	1.0 U	1.0 U	1.0 U	2.0	1.0 U	
MW-3	10/19/15	---	1.0 U	1.0 U	1.0 U	1.0 U	3.6	1.0 U	
MW-3	3/16/16	---	1.0 U	1.0 U	1.0 U	1.0 U	**7.4**	1.0 U	
MW-4	7/20/98	**696**	---	50 U0	**3400**	50 U0	**2500**	**1080**	
MW-4	11/30/99	**2,200**	---	20 U0	**2880**	100 U	**2360**	**1410**	
MW-4	3/15/00	100 U	---	100 U	**6600**	100 U	**3200**	**2300**	Vinyl Chloride (**200**)
MW-4	6/29/00	100 U	---	50 U	**3000**	**58**	**3500**	**1800**	
MW-4	9/20/00	**2,500**	---	50 U	**2300**	50 U	**2800**	**1900**	
MW-4	12/5/00	100 U	---	50 U	**1800**	50 U	**2300**	**1600**	
MW-4	3/27/01	**630**	---	25 U	**4500**	25 U	**1800**	**1500**	
MW-4	5/17/01	**1100**	25 U	25 U	**3000**	**70**	**3300**	**2600**	
MW-4	8/21/01	**800**	25 U	25 U	**4100**	25 U	**2800**	**2400**	
MW-4	12/18/01	**640**	25 U	25 U	**5600**	**77**	**2800**	**3200**	
MW-4	2/28/02	**1400**	25 U	25 U	**2800**	**45**	**2500**	**2600**	
MW-4	6/4/02	**1600**	0.5 U	0.5 U	**2600**	3.5	**1800**	**2400**	
MW-4	8/13/02	**2700**	25 U	25 U	**3100**	**48**	**1600**	**2300**	
MW-4	11/12/02	**1900**	25 U	25 U	**2400**	**39**	**1700**	**2700**	

Table 5
Groundwater Analytical Results
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Monitoring Well	Date Sampled	EPA 8015M	EPA 8260B						
		TEPH (TPHd) (µg/L)	**CF (µg/L)**	**1,1-DCE (µg/L)**	**c-DCE (µg/L)**	**t-DCE (µg/L)**	**PCE (µg/L)**	**TCE (µg/L)**	**OTHER VOCs**
Cal EPA MCLs (µg/L)		210[1]	80[4]	6	6	10	5	5	See values at end of table
MW-4	3/10/03	---	---	---	---	---	---	---	
MW-4	5/19/03	**1600**	25 U	25 U	**4700**	**56**	**1100**	**1400**	
MW-4	8/26/03	**1600**	25 U	25 U	**5300**	**62**	**1700**	**3500**	Vinyl Chloride (**54**)
MW-4	11/18/03	**3000**	25 U	25 U	**8000**	**99**	**1800**	**6700**	Vinyl Chloride (**66**)
MW-4	3/23/04	**3800**	50 U	50 U	**12000**	**160**	**1500**	**2100**	
MW-4	5/18/04	**3400**	50 U	50 U	**11000**	**170**	**1200**	**2100**	Vinyl Chloride (**110**)
MW-4	8/17/04	**3400**	25 U	50 U	**2500**	**33**	**670**	**2400**	
MW-4	11/16/04	**4700**	25 U	50 U	**7900**	**74**	**2400**	**5100**	Vinyl Chloride (**110**)
MW-4	3/16/05	**880**	10 U	20 U	**1500**	**15**	**140**	**570**	
MW-4	6/14/05	**1400**	25 U	50 U	**5400**	**110**	**100**	**500**	
MW-4	8/24/05	--	--	--	--	--	--	--	(Obstructed)
MW-4	12/22/05	--	--	--	--	--	--	--	(Obstructed)
MW-4	5/31/06	--	--	--	--	--	--	--	(Obstructed)
MW-4	9/15/06	--	--	--	--	--	--	--	(Obstructed)
MW-4	7/28/08	--	--	--	--	--	--	--	(Lost)
MW-7	7/20/98	100 U	---	12 U	**121**	**30**	**53**	**93**	Methylene Chloride (**57**) Vinyl Chloride (**26**)
MW-7	11/30/99	107	---	5.0 U	**51**	7	**35**	**49**	
MW-7	3/15/00	100 U	---	5.0 U	**290**	**15**	**120**	**140**	
MW-7	6/29/00	100 U	---	2.0 U	**160**	**18**	**72**	**73**	
MW-7	9/20/00	110	---	1.0 U	**89**	**12**	**65**	**72**	
MW-7	12/4/00	100 U	---	1.0 U	**52**	6.8	**44**	**49**	
MW-7	3/26/01	140	---	2.5 U	**220**	**27**	**55**	**95**	
MW-7	5/16/01	110	2.5 U	2.5 U	**260**	**26**	**66**	**87**	
MW-7	8/20/01	50 U	0.5 U	0.5 U	**140**	**15**	**44**	**60**	
MW-7	12/17/01	70	2.5 U	2.5 U	**66**	**10**	**56**	**75**	
MW-7	2/27/02	130	0.93	0.5 U	**62**	7.1	**47**	**61**	Vinyl Chloride (**3.9**)
MW-7	6/3/02	70	0.5 U	0.5 U	**80**	6.9	**49**	**69**	
MW-7	8/12/02	86	1.3	0.5 U	**82**	6.4	**48**	**63**	
MW-7	11/12/02	150	1.6	0.5 U	**72**	5.9	**47**	**68**	
MW-7	3/11/03	63	1.2	0.5 U	**130**	8.6	**50**	**59**	Vinyl Chloride (**1.6**)
MW-7	5/19/03	89	1.5	1.0 U	**180**	**12**	**27**	**41**	1,1,2,2-PCA (**1.5**)
MW-7	8/25/03	92	1.5	1.0 U	**140**	**11**	**33**	**51**	Vinyl Chloride (**13**)
MW-7	11/18/03	67	1.6	1.0 U	**99**	1.0 U	**40**	**31**	Vinyl Chloride (**6.2**)
MW-7	3/23/04	96	0.65	0.5 U	**100**	0.5 U	**32**	**38**	
MW-7	5/18/04	100	1.2	1.0 U	**130**	**12**	**34**	**44**	Vinyl Chloride (**4.3**)
MW-7	8/17/04	78	1.1	1.0 U	**74**	8.7	**38**	**46**	
MW-7	11/16/04	100	1.2	1.0 U	**87**	8.7	**39**	**58**	Vinyl Chloride (**4.3**)
MW-7	3/16/05	85	0.78	1.0 U	**82**	6.2	**25**	**32**	
MW-7	6/14/05	68	0.57	1.0 U	**36**	5.6	**18**	**25**	Vinyl Chloride (**1.6**)
MW-7	8/25/05	67	0.66	1.0 U	**36**	3.5	**24**	**24**	
MW-7	12/22/05	170	0.62J	0.31 U	**30**	2	**24**	**23**	Vinyl Chloride (0.49J)
MW-7	5/31/06	67	1.7B	0.31 U	**79**	5.6	**31**	**31**	Methylene Chloride (**6.1J,B**) Vinyl Chloride (**0.69**)
MW-7	9/15/06	48 U	0.79J	0.26 U	**44**	3.9	**16**	**17**	Vinyl Chloride (**1.6**)
MW-7	12/22/06	83	0.45J	0.26 U	**31**	1.6	**14**	**14**	1,2-Dichlorobenzene (0.21J) Vinyl Chloride (**2.7**)
MW-7	3/21/07	69	0.67 J	0.26 U	**51**	2.9	**18**	**19**	1,2-Dichlorobenzene (0.36 J) Vinyl Chloride (**2.6**)
MW-7	6/20/07	54	0.62J	0.29 U	**41**	1.9	**18**	**12**	Acetone (6.6J) Vinyl Chloride (**1.1**)
MW-7	9/19/07	48 U	0.54 J	0.29 U	**44**	1.8	**16**	**9.2**	
MW-7	1/3/08	82	0.58 J	0.29 U	**53**	1.8	**16**	**8.8**	
MW-7	9/4/08	50 U	1.0 U	1.0 U	**53**	2.5	**14**	**8.5**	Vinyl Chloride (**1.5**)

Table 5
Groundwater Analytical Results
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Monitoring Well	Date Sampled	EPA 8015M	EPA 8260B						
		TEPH (TPHd) (µg/L)	**CF (µg/L)**	**1,1-DCE (µg/L)**	**c-DCE (µg/L)**	**t-DCE (µg/L)**	**PCE (µg/L)**	**TCE (µg/L)**	**OTHER VOCs**
Cal EPA MCLs (µg/L)		210[1]	80[4]	6	6	10	5	5	See values at end of table
MW-7	3/5/09	48 U	0.56 J	0.40 U	**39**	2.5	**9.4**	**6.4**	
MW-7	12/21/09	48 U	0.40 J	0.40 U	**47**	1.8	**13**	4.9	
MW-7	6/30/10	48 U	0.46 J	0.31 U	**76**	2.6	**21**	**7.6**	Vinyl Chloride (**1.8**)
MW-7	3/15/11	500 U	1.0 U	1.0 U	**50**	2.4	**16**	4.7	
MW-7	9/15/11	500 U	1.0 U	1.0 U	**27**	1.3	**17**	4	
MW-7	3/21/12	500 U	1.0 U	1.0 U	**23**	1.3	**18**	4.3	
MW-7	9/6/12	500 U	1.0 U	1.0 U	**14**	1.0 U	**9.5**	1.8	
MW-7	3/6/13	500 U	1.0 U	1.0 U	**18**	1.0 U	**5**	1.9	
MW-7	11/11/13	---	1.0 U	1.0 U	**21**	1.0 U	**8.5**	1.9	
MW-7	3/11/14	---	1.0 U	1.0 U	**15**	1.0 U	2.2	1.0 U	
MW-7	9/11/14	---	1.0 U	1.0 U	**9.0**	1.0 U	2.3	1.0 U	
MW-7	3/2/15	---	1.0 U	1.0 U	4.2	1.0 U	2.2	1.0 U	
MW-7	10/20/15	---	1.0 U	1.0 U	2.5	1.0 U	1.8	1.0 U	
MW-7	3/15/16	---	1.0 U	1.0 U	2.2	1.0 U	2.4	1.0 U	
MW-8A	9/19/00	100 U	---	1.0 U	1.0 U	1.0 U	1.5	1.0 U	
MW-8A	12/4/00	100 U	---	1.0 U	1.0 U	1.0 U	1.0	1.0 U	
MW-8A	3/26/01	50 U	---	0.5 U	0.5 U	0.5 U	1.6	0.5 U	
MW-8A	5/16/01	50 U	1.1	0.5 U	0.5 U	0.5 U	1.6	0.5 U	
MW-8A	8/20/01	50 U	0.5 U	0.5 U	0.5 U	0.5 U	1.7	0.5 U	
MW-8A	12/17/01	50 U	1.2	0.5 U	0.5 U	0.5 U	1.6	0.5 U	
MW-8A	2/27/02	50 U	1.3	0.5 U	0.5 U	0.5 U	1.7	0.5 U	
MW-8A	6/3/02	50 U	0.5 U	0.5 U	0.5 U	0.5 U	3.2	0.86	
MW-8A	8/12/02	50 U	1.4	0.5 U	0.5 U	0.5 U	2.9	0.71	
MW-8A	11/11/02	50 U	1.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	
MW-8A	3/10/03	50 U	1.7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	
MW-8A	5/19/03	50 U	1.4	0.5 U	0.5 U	0.5 U	1.1	0.5 U	
MW-8A	8/25/03	50 U	2.0	0.5 U	0.5 U	0.5 U	2.2	0.76	
MW-8A	11/17/03	50 U	1.7	0.5 U	0.5 U	0.5 U	1.8	0.5 U	
MW-8A	3/22/04	50 U	1.1	0.5 U	0.5 U	0.5 U	0.54	0.5 U	
MW-8A	5/17/04	50 U	1.4	0.5 U	0.5 U	0.5 U	1.3	0.5 U	
MW-8A	8/16/04	50 U	1.4	1.0 U	0.5 U	0.5 U	1.5	0.5 U	
MW-8A	11/15/04	50 U	1.6	1.0 U	0.5 U	0.5 U	1.2	0.5 U	
MW-8A	3/15/05	50 U	1.1	1.0 U	0.5 U	0.5 U	0.71	0.5 U	
MW-8A	6/13/05	50 U	0.5 U	1.0 U	0.83	0.5 U	0.5 U	0.5 U	
MW-8A	8/24/05	50 U	0.92	1.0 U	0.5 U	0.5 U	0.86	0.5 U	
MW-8A	12/21/05	44 U	1.1	0.31 U	0.35 U	0.29 U	1.0	0.30 U	
MW-8A	6/5/06	48 U	1.1B	0.31 U	0.35 U	0.29 U	1.1	0.30 U	Methylene chloride (4.6J)
MW-8A	9/14/06	48 U	0.92J	0.26 U	0.63 U	0.83 U	1.4	0.31 U	Chloroethane (0.70J) Naphthalene (0.72J,B)
MW-8A	12/21/06	48 U	0.95J	0.26 U	0.63 U	0.83 U	0.78J	0.31 U	Acetone (8.8J)
MW-8A	3/20/07	48 U	0.85 J	0.26 U	0.63 U	0.83 U	1.1	0.31 U	
MW-8A	6/19/07	48 U	0.72J	0.29 U	0.35 U	0.38 U	1.1	0.37 U	
MW-8A	9/18/07	48 U	0.71 J	0.29 U	0.35 U	0.38 U	1.4	0.37 U	Methylene Chloride (**6.9** J)
MW-8A	1/2/08	48 U	0.74 J	0.29 U	0.35 U	0.38 U	0.90 J	0.37 U	
MW-8A	3/5/09	48 U	0.74 J	0.40 U	0.49 U	0.40 U	0.68 J	0.30 U	
MW-8A	6/30/10	48 U	0.72 J	0.31 U	0.49 U	0.40 U	1.5	0.30 U	
MW-8A	3/15/11	500 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1	1.0 U	
MW-8A	9/15/11	500 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	
MW-8A	3/22/12	500 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	
MW-8A	9/7/12	500 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0	1.0 U	
MW-8A	3/6/13	500 U	1.0 U	1.0 U	1.0 U	1.0 U	2.1	1.0 U	
MW-8A	11/12/13	---	1.0 U	1.0 U	1.0 U	1.0 U	1.2	1.0 U	
MW-8A	3/12/14	---	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	
To Be Abandoned									

Table 5
Groundwater Analytical Results
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Monitoring Well	Date Sampled	EPA 8015M	EPA 8260B						
		TEPH (TPHd) (µg/L)	**CF (µg/L)**	**1,1-DCE (µg/L)**	**c-DCE (µg/L)**	**t-DCE (µg/L)**	**PCE (µg/L)**	**TCE (µg/L)**	**OTHER VOCs**
Cal EPA MCLs (µg/L)		210[1]	80[4]	6	6	10	5	5	See values at end of table
MW-9A	7/20/98	100 U	---	12 U	**72**	**23**	**40**	**62**	Methylene chloride (**54**)
MW-9A	11/30/99	103	---	5.0 U	**62**	3	**46**	**52.4**	
MW-9A	3/15/00	100 U	---	10 U	**570**	**12**	**87**	**140**	
MW-9A	6/29/00	100 U	---	2.0 U	**130**	6.2	**62**	**62**	
MW-9A	9/19/00	100 U	---	1.0 U	**75**	3.6	**39**	**44**	
MW-9A	12/4/00	100 U	---	1.0 U	**55**	2.8	**35**	**36**	
MW-9A	3/26/01	130	---	2.5 U	**400**	**13**	**100**	**180**	
MW-9A	5/16/01	75	2.5 U	2.5 U	**210**	**13**	**72**	**92**	
MW-9A	8/20/01	50 U	0.5 U	0.5 U	**100**	5.2	**41**	**51**	
MW-9A	12/17/01	50 U	2.5 U	2.5 U	**100**	2.5 U	**58**	**63**	
MW-9A	2/27/02	50 U	0.75	0.5 U	**110**	2.6	**40**	**46**	
MW-9A	6/3/02	50 U	2.5 U	2.5 U	**95**	2.5 U	**32**	**38**	Acetone (7.6J)
MW-9A	8/12/02	91	2.5 U	2.5 U	**88**	3.0	**36**	**41**	
MW-9A	11/11/02	62	0.99	0.5 U	**100**	2.8	**37**	**48**	
MW-9A	3/10/03	50 U	1.0	0.5 U	**120**	3.3	**40**	**39**	
MW-9A	5/19/03	61	0.8	0.5 U	**110**	4.8	**31**	**38**	
MW-9A	8/25/03	50	1.1	0.5 U	**110**	3.8	**27**	**37**	
MW-9A	11/17/03	50 U	1.0	0.5 U	**97**	3.5	**33**	0.5 U	
MW-9A	3/22/04	67	0.63	0.5 U	**88**	3.1	**26**	**25**	
MW-9A	5/17/04	63	0.92	0.5 U	**96**	4.2	**31**	**34**	
MW-9A	8/16/04	68	0.86	1.0 U	**80**	3.0	**29**	**32**	
MW-9A	11/15/04	86	0.95	1.0 U	**86**	3.0	**25**	**28**	
MW-9A	3/16/05	50 U	0.73	1.0 U	**84**	4.4	**15**	**18**	
MW-9A	6/14/05	63	0.59	1.0 U	**65**	4.0	**9.9**	**16**	
MW-9A	8/25/05	50 U	0.55	1.0 U	**52**	2.7	**16**	**19**	
MW-9A	12/22/05	44 U	0.59J	0.31 U	**38**	1.2	**20**	**17**	
MW-9A	5/31/06	48 U	1.6B	1.0 U	**70**	2.3	**21**	**21**	Methylene chloride (**6.9J,B**) Vinyl Chloride (**0.53**)
MW-9A	9/14/06	48 U	0.52J	0.26 U	**69**	1.4	**15**	**12**	
MW-9A	12/22/06	48 U	0.54J	0.26 U	**58**	1.3	**11**	**11**	
MW-9A	3/21/07	48 U	0.45 J	0.26 U	**64**	2.1	**9.8**	**9.7**	Vinyl Chloride (**0.51**)
MW-9A	6/20/07	48 U	0.45 J	0.29 U	**64**	1.0	**14**	**8.5**	Acetone (18J)
MW-9A	9/19/07	48 U	0.36 J	0.29 U	**66**	0.85 J	**13**	**7.5**	
MW-9A	1/3/08	48 U	0.37 J	0.29 U	**56**	0.78 J	**13**	**6.2**	Carbon Disulfide (0.60 J)
MW-9A	9/5/08	50 U	1.0 U	1.0 U	**45**	1.0 U	**13**	**6**	
MW-9A	3/4/09	48 U	0.40 J	0.40 U	**53**	0.78 J	**7.1**	**6**	
MW-9A	12/22/09	48 U	0.44 J	0.40 U	**46**	4.7	**11**	4.9	
MW-9A	6/29/10	48 U	0.4	0.31 U	**73**	1.4	**13**	**5.8**	
MW-9A	3/15/11	500 U	1.0 U	1.0 U	**60**	1.2	**12**	**5.3**	
MW-9A	9/15/11	500 U	0.50 U	1.0 U	**30**	3.8	**5**	3.8	
MW-9A	3/21/12	500 U	1.0 U	1.0 U	**52**	1.0 U	3.4	3.2	
MW-9A	9/6/12	500 U	1.0 U	1.0 U	**30**	1.0 U	3.6	3.0	
MW-9A	3/6/13	500 U	1.0 U	1.0 U	**30**	1.0 U	2.1	2.5	
MW-9A	11/12/13	---	1.0 U	1.0 U	**25**	1.0 U	4.2	1.7	
MW-9A	3/11/14	---	1.0 U	1.0 U	**23**	1.0 U	2.4	1.3	
MW-9A	3/3/15	---	1.0 U	1.0 U	**13**	1.0 U	1.7	1.3	
MW-9A	3/15/16	---	1.0 U	1.0 U	**11**	1.0 U	1.6	1.2	
MW-9B	7/20/98	100 U	---	10 U	10 U	10 U	**125**	**15**	Methylene chloride (**41**)
MW-9B	11/30/99	**256**	---	25 U.0	12 U.5	12 U.5	**404**	12 U.5	
MW-9B	3/15/00	100 U	---	10 U	10 U	10 U	**550**	**15**	
MW-9B	6/29/00	100 U	---	2.5 U	2.5 U	2.5 U	**210**	**6.1**	
MW-9B	9/19/00	100 U	---	2.0 U	2.0 U	2.0 U	**100**	**5.9**	
MW-9B	12/4/00	100 U	---	1.0 U	1.0 U	1.0 U	**81**	4.4	
MW-9B	3/26/01	100 U	---	0.5 U	0.5 U	0.5 U	**140**	**7.7**	

Table 5
Groundwater Analytical Results
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Monitoring Well	Date Sampled	EPA 8015M	EPA 8260B						
		TEPH (TPHd) (µg/L)	**CF (µg/L)**	**1,1-DCE (µg/L)**	**c-DCE (µg/L)**	**t-DCE (µg/L)**	**PCE (µg/L)**	**TCE (µg/L)**	**OTHER VOCs**
Cal EPA MCLs (µg/L)		210[1]	80[4]	6	6	10	5	5	See values at end of table
MW-9B	5/16/01	50 U	0.5 U	0.5 U	0.5 U	0.5 U	**130**	**7.3**	
MW-9B	8/20/01	50 U	0.5 U	0.5 U	0.5 U	0.5 U	**67**	4.8	
MW-9B	12/17/01	50 U	0.5 U	0.5 U	0.91	0.5 U	**130**	**7.8**	
MW-9B	2/27/02	50 U	0.5 U	0.5 U	0.69	0.5 U	**85**	**6.9**	
MW-9B	6/3/02	50 U	0.5 U	0.5 U	0.58	0.5 U	**49**	**5.1**	
MW-9B	8/12/02	50 U	0.5 U	0.5 U	0.53	0.5 U	**88**	**6.9**	
MW-9B	11/11/02	50 U	0.5 U	0.5 U	0.79	5.0 U	**45**	**6.4**	
MW-9B	3/10/03	50 U	0.5 U	0.5 U	0.60	0.5 U	**36**	4.1	
MW-9B	5/19/03	50 U	0.5 U	0.5 U	0.89	0.5 U	**46**	4.6	
MW-9B	8/25/03	50 U	0.5 U	0.5 U	0.97	0.5 U	**32**	4.2	
MW-9B	11/17/03	50 U	0.5 U	0.5 U	0.97	0.5 U	**22**	3.8	
MW-9B	3/22/04	50 U	0.5 U	0.5 U	0.5 U	0.5 U	**18**	2.2	
MW-9B	5/17/04	50 U	0.5 U	0.5 U	0.84	0.5 U	**15**	2.4	
MW-9B	8/16/04	50 U	0.5 U	0.5 U	1.0 U	0.5 U	**5.4**	1.3	
MW-9B	11/15/04	50 U	0.5 U	1.0 U	0.5 U	0.5 U	3.0	0.5 U	
MW-9B	3/15/05	50 U	0.5 U	1.0 U	0.50	0.5 U	1.6	0.68	
MW-9B	6/13/05	50 U	0.5 U	1.0 U	0.56	0.5 U	0.5 U	1.4	
MW-9B	8/24/05	50 U	0.73	1.0 U	0.5 U	0.5 U	1.0	0.5 U	
MW-9B	12/22/05	44 U	0.22 U	0.31 U	0.35 U	0.29 U	1.3	0.30 U	
MW-9B	5/31/06	48 U	0.94J,B	0.31 U	0.83J	0.29 U	3.5	0.89J	Methylene chloride (**7.3J,B**)
MW-9B	9/15/06	48 U	0.49J	0.26 U	1.3	0.83 U	1.3	0.31 U	Acetone (7.6J,B)
MW-9B	12/22/06	48 U	0.29 U	0.26 U	0.63 U	0.83 U	1.9	0.31 U	
MW-9B	3/21/07	48 U	0.29 U	0.26 U	1.6	0.83 U	1.8	2.4	
MW-9B	6/20/07	48 U	0.24 U	0.29 U	**6.1**	0.38 U	0.35 U	0.68J	
MW-9B	9/19/07	48 U	0.24 U	0.29 U	0.35 U	0.38 U	3.0	0.37 U	
MW-9B	1/3/08	48 U	0.24 U	0.29 U	0.35 U	0.38 U	3.8	0.37 U	
MW-9B	9/4/08	50 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	
DUP-2	9/4/08	50 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0	1.0 U	
MW-9B	3/4/09	48 U	0.46 J	0.40 U	0.49 U	0.40 U	1.8	0.30 U	
MW-9B	12/22/09	48 U	0.33 U	0.40 U	0.51 J	0.40 U	1.5	0.30 U	
MW-9B	6/29/10	48 U	0.33 U	0.31 U	0.49 U	1.1	0.5 U1	2.1	
MW-9B	3/15/11	500 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1	1.0 U	
MW-9B	9/15/11	500 U	1.0 U	1.0 U	1.20	1.0 U	3.7	1.0 U	
MW-9B	3/21/12	500 U	1.0 U	1.0 U	1.0 U	1.0 U	4.2	1.0 U	
MW-9B	9/6/12	500 U	1.0 U	1.0 U	1.0 U	1.0 U	3.4	1.0 U	
MW-9B	3/6/13	500 U	1.0 U	1.0 U	1.0 U	1.0 U	2.1	1.0 U	
MW-9B	11/12/13	---	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	
MW-9B	3/11/14	---	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	
MW-9B	3/3/15	---	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	
					To Be Abandoned				
MW-10A	7/20/98	206	---	25 U	**567**	25 U	**306**	**463**	
MW-10A	11/30/99	678	---	100 U	**1680**	50 U	**131**	**268**	
MW-10A	3/15/00	100 U	---	25 U	**1600**	**26**	**110**	**200**	
MW-10A	6/29/00	100 U	---	25 U	**1200**	25 U	**110**	**280**	
MW-10A	9/19/00	490	---	12 U	**900**	**18**	**93**	**170**	
MW-10A	12/4/00	100 U	---	10 U	**560**	**12**	**58**	**66**	
MW-10A	3/26/01	160	---	2.5 U	**850**	**16**	**97**	**140**	
MW-10A	5/16/01	170	2.5 U	2.5 U	**980**	**18**	**84**	**140**	
MW-10A	8/20/01	100	2.5 U	2.5 U	**800**	**13**	**79**	**110**	
MW-10A	12/17/01	99	2.5 U	2.5 U	**750**	**14**	**69**	**77**	
MW-10A	2/27/02	100	5.0 U	5.0 U	**1100**	**18**	**60**	**73**	
MW-10A	6/3/02	140	5.0 U	5.0 U	**1200**	**14**	**44**	**58**	
MW-10A	8/12/02	450	50 U	5.0 U	**1200**	**13**	**47**	**56**	
MW-10A	11/11/02	97	2.5 U	2.5 U	**550**	7.8	**28**	**47**	
MW-10A	3/10/03	83	2.5 U	2.5 U	**780**	8.0	**37**	**36**	

Table 5
Groundwater Analytical Results
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Monitoring Well	Date Sampled	EPA 8015M	EPA 8260B						
		TEPH (TPHd) (µg/L)	**CF (µg/L)**	**1,1-DCE (µg/L)**	**c-DCE (µg/L)**	**t-DCE (µg/L)**	**PCE (µg/L)**	**TCE (µg/L)**	**OTHER VOCs**
Cal EPA MCLs (µg/L)		210[1]	80[4]	6	6	10	5	5	See values at end of table
MW-10A	5/19/03	83	2.5 U	2.5 U	**360**	4.1	**26**	**27**	
MW-10A	8/25/03	94	2.5 U	2.5 U	**680**	7.3	**26**	**39**	Vinyl Chloride (**7.6**)
MW-10A	11/17/03	100	2.5 U	2.5 U	**940**	**10**	**35**	**42**	
MW-10A	3/22/04	140	2.5 U	2.5 U	**380**	5.7	**12**	**12**	
MW-10A	5/17/04	120	2.5 U	5.0	**540**	7.3	**28**	**25**	
MW-10A	8/16/04	140	2.5 U	1.0 U	**670**	7.8	**24**	**22**	
MW-10A	11/15/04	180	2.5 U	5.0 U	**490**	5.1	**17**	**13**	
MW-10A	3/16/05	110	5.0 U	10 U	**1000**	**14**	**16**	**32**	
MW-10A	6/14/05	180	5.0 U	10 U	**510**	**18**	**7.1**	**24**	
MW-10A	8/25/05	120	5.0 U	10 U	**470**	6.9	**20**	**22**	
MW-10A	12/22/05	88	0.43 U	0.61 U	**350**	5.3	**25**	**19**	
MW-10A	5/31/06	48 U	1.1J,B	0.61 U	**280**	**11**	**14**	**11**	Methylene chloride (**31**B) Vinyl Chloride (**1.7**)
MW-10A	9/15/06	48 U	0.5 U9	0.5 U1	**260**	8.1	**13**	**11**	Vinyl Chloride (**3.4**)
MW-10A	12/22/06	48 U	0.5 U9	0.5 U1	**200**	2.5	**13**	**8.6**	Vinyl Chloride (**1.9**)
MW-10A	3/21/07	69	0.29 U	0.26 U	**160**	2.9	**11**	**8.0**	Vinyl Chloride (**0.53**)
MW-10A	6/20/07	72	0.24 U	0.29 U	**160**	1.8	**9.8**	**5.6**	Vinyl Chloride (**1.1**)
MW-10A	9/19/07	64	0.24 U	0.29 U	**120**	1.3	**7.4**	4.3	Vinyl Chloride (**0.52**)
MW-10A	1/3/08	53	0.24 U	0.29 U	**95**	0.81 J	**9.0**	4.4	Carbon Disulfide (0.64 J) Vinyl Chloride (0.41 J)
MW-10A	9/5/08	67	1.0 U	1.0 U	**160**	2.3	**13**	**7.6**	Vinyl Chloride (**2.7**)
MW-10A	3/4/09	48 U	0.33 U	0.40 U	**110**	1.4	**6.9**	**5.3**	Vinyl Chloride (**1.9**)
MW-10A	12/22/09	48 U	0.33 U	0.40 U	**91**	2.1	**11**	**6**	Vinyl Chloride (**1.3**) Ethanol (51 J)
MW-10A	6/29/10	48 U	0.33 U	0.31 U	**140**	1.8	**7.2**	**6.3**	Vinyl Chloride (**4.9**)
MW-10A	3/15/11	500 U	1.0 U	1.0 U	**100**	1.0	**5.5**	**6.1**	Vinyl Chloride (**3.0**)
MW-10A	9/14/11	500 U	1.0 U	1.0 U	**57**	2.2	**6.9**	**6.3**	Vinyl Chloride (**1.6**)
MW-10A	3/21/12	500 U	1.0 U	1.0 U	**32**	3.2	**7.0**	**4.6**	Vinyl Chloride (**0.67**)
MW-10A	9/6/12	500 U	1.0 U	1.0 U	**21**	1.4	3.4	2.6	Vinyl Chloride (**0.59**)
MW-10A	3/6/13	500 U	1.0 U	1.0 U	**19**	1.0 U	1.4	2.3	
MW-10A	11/11/13	---	1.0 U	1.0 U	**28**	1.0 U	4.6	3.1	
MW-10A	3/11/14	---	1.0 U	1.0 U	**26**	1.0 U	**5.4**	3.1	
MW-10A	9/11/14	---	1.0 U	1.0 U	**23**	1.0 U	4.4	2.9	
MW-10A	3/3/15	---	1.0 U	1.0 U	**11**	1.0 U	4.0	2.4	
MW-10A	10/20/15	---	1.0 U	1.0 U	**9.6**	1.0 U	3.5	2.6	
MW-10A	3/15/16	---	1.0 U	1.0 U	**13**	1.0 U	3.5	2.9	
MW-10B	7/20/98	100 U	---	2.5 U	**73.7**	2.5 U	**69.5**	**33.2**	
MW-10B	11/30/99	100 U	---	4 U	**50.3**	2.0 U	**41**	**46.5**	
MW-10B	3/15/00	100 U	---	1.0 U	**39**	**1.0**	**21**	**24**	
MW-10B	6/29/00	100 U	---	1.0 U	**31**	1.1	**18**	**20**	
MW-10B	9/19/00	100 U	---	1.0 U	**36**	1.4	**18**	**20**	
MW-10B	12/4/00	100 U	---	1.0 U	**28**	1.2	**14**	**15**	
MW-10B	3/26/01	57	---	0.5 U	**52**	2.8	**23**	**27**	
MW-10B	5/16/01	50 U	0.5 U	0.5 U	**41**	1.9	**17**	**19**	
MW-10B	8/20/01	50 U	0.5 U	0.5 U	**46**	0.5 U	**17**	**19**	
MW-10B	12/17/01	50 U	0.5 U	0.5 U	**38**	0.5 U	**17**	**17**	
MW-10B	2/27/02	50 U	0.5 U	0.5 U	**24**	0.77	**13**	**13**	
MW-10B	6/3/02	50 U	0.5 U	0.5 U	**15**	0.5 U	**9.5**	**9.5**	
MW-10B	8/12/02	50 U	0.5 U	0.5 U	**11**	0.5 U	**9.0**	**7.6**	
MW-10B	11/11/02	50 U	0.5 U	0.5 U	**6.8**	0.5 U	**5.3**	**6.9**	
MW-10B	3/10/03	50 U	0.5 U	0.5 U	3.7	0.5 U	4.5	4.6	
MW-10B	5/19/03	50 U	0.5 U	0.5 U	4.0	0.5 U	**5.6**	4.5	
MW-10B	8/25/03	50 U	0.5 U	0.5 U	4.0	0.5 U	**7.8**	**6.0**	
MW-10B	11/17/03	50 U	0.5 U	0.5 U	3.8	0.5 U	**7.9**	**5.9**	

Table 5
Groundwater Analytical Results
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Monitoring Well	Date Sampled	EPA 8015M	EPA 8260B						
		TEPH (TPHd) (µg/L)	**CF (µg/L)**	**1,1-DCE (µg/L)**	**c-DCE (µg/L)**	**t-DCE (µg/L)**	**PCE (µg/L)**	**TCE (µg/L)**	**OTHER VOCs**
Cal EPA MCLs (µg/L)		210[1]	80[4]	6	6	10	5	5	See values at end of table
MW-10B	3/22/04	50 U	0.5 U	0.5 U	2.7	0.5 U	**2.8**	1.9	
MW-10B	5/17/04	50 U	0.5 U	0.5 U	1.6	0.5 U	**7.0**	4.9	
MW-10B	8/16/04	50 U	0.5 U	1.0 U	0.96	0.5 U	**7.1**	**5.4**	
MW-10B	11/15/04	50 U	0.5 U	1.0 U	0.84	0.5 U	**7.1**	**5.8**	
MW-10B	3/15/05	50 U	0.5 U	1.0 U	3.2	0.5 U	**5.8**	**5.2**	
MW-10B	6/13/05	50 U	0.5 U	1.0 U	**8.8**	0.82	3.4	4.4	
MW-10B	8/24/05	50 U	0.5 U	1.0 U	**22**	0.51	3.6	4.3	
MW-10B	12/22/05	44 U	0.22 U	0.31 U	**15**	0.29 U	4.3	4.6	
MW-10B	5/31/06	48 U	0.53J,B	0.31 U	**7.1**	0.31J	3.3	2.9	Methylene chloride (**13B**)
MW-10B	9/15/06	48 U	0.29 U	0.26 U	**7.3**	0.83 U	**5.1**	3.5	
MW-10B	12/22/06	48 U	0.29 U	0.26 U	5.8	0.83 U	3.7	3.4	Tert-butyl alcohol (9.3J)
MW-10B	3/21/07	48 U	0.29 U	0.26 U	3.7	0.83 U	3.0	2.4	
MW-10B	6/20/07	48 U	0.24 U	0.29 U	3.4	0.38 U	4.8	3.4	
MW-10B	9/19/07	48 U	0.29 U	0.29 U	2.5	0.38 U	**5.4**	3.6	
MW-10B	1/3/08	48 U	0.24 U	0.29 U	1.5	0.38 U	**5.3**	3.3	
MW-10B	9/5/08	50 U	1.0 U	1.0 U	1.9	1.0 U	**6.2**	4.5	
MW-10B	3/4/09	48 U	0.33 U	0.40 U	2.3	0.40 U	3.4	3.4	
MW-10B	12/22/09	48 U	0.33 U	0.40 U	3.0	0.40 U	**5.3**	3.9	
MW-10B	6/29/10	48 U	0.33 U	0.31 U	2.6	0.40 U	**5.7**	4.3	
MW-10B	3/15/11	500 U	1.0 U	1.0 U	**11**	1.0 U	**6.1**	3.5	
MW-10B	9/14/11	500 U	1.0 U	1.0 U	**12**	1.0 U	**7.0**	3.9	
MW-10B	3/21/12	500 U	1.0 U	1.0 U	**12**	1.0 U	1.0 U	2.1	
MW-10B	9/6/12	500 U	1.0 U	1.0 U	**6.6**	1.0 U	**5.8**	3.5	
MW-10B	3/6/13	500 U	1.0 U	1.0 U	5.3	1.0 U	4.7	3.5	
MW-10B	11/11/13	---	1.0 U	1.0 U	**9.5**	1.0 U	1.0 U	1.1	
MW-10B (DUP-1)	11/11/13	---	1.0 U	1.0 U	**9.2**	1.0 U	1.0 U	1.1	
MW-10B	3/11/14	---	1.0 U	1.0 U	**8.6**	1.0 U	1.0 U	1.1	
MW-10B (DUP-1)	3/11/14	---	1.0 U	1.0 U	**12**	1.0 U	1.0 U	1.6	
MW-10B	3/3/15	---	1.0 U	1.0 U	**7.1**	1.0 U	1.0 U	1.1	
MW-10B (DUP-1)	3/3/15	---	1.0 U	1.0 U	**7.5**	1.0 U	1.0 U	1.0 U	
MW-10B	3/15/16	---	1.0 U	1.0 U	**8.6**	1.0 U	1.0 U	1.0 U	
DUP-1	3/15/16	---	1.0 U	1.0 U	**8.6**	1.0 U	1.0 U	1.0 U	
MW-11	9/20/00	110	---	2.0 U	**21**	2.0 U	**100**	**130**	
MW-11	12/5/00	100 U	---	1.0 U	1.8	1.0 U	**17**	**12**	
MW-11	3/27/01	50 U	---	0.5 U	0.5 U	0.5 U	**33**	**9.2**	
MW-11	5/17/01	50 U	1.4	0.5 U	2.0	0.5 U	**28**	4.9	
MW-11	8/21/01	50 U	0.5 U	0.5 U	**59**	0.5 U	**43**	**69**	
MW-11	12/18/01	200	2.5 U	2.5 U	**560**	2.5 U	**130**	**460**	
MW-11	2/28/02	50 U	1.7	0.5 U	**61**	0.78	**25**	**21**	
MW-11	6/4/02	50 U	0.92	0.5 U	**71**	0.77	**18**	**8.1**	
MW-11	8/13/02	50 U	1.7	0.5 U	**15**	0.5	**10**	2.4	
MW-11	11/12/02	50 U	2.0	0.5 U	**42**	0.59	**13**	3.5	
MW-11	3/10/03	50 U	1.8	0.5 U	**32**	0.80	**34**	**20**	
MW-11	5/19/03	50 U	2.1	0.5 U	5.0	0.5 U	**13**	**15**	
MW-11	8/26/03	90	3.9	1.0 U	**87**	1.0 U	**31**	**200**	
MW-11	11/18/03	50 U		1.0 U	**100**	1.7	**24**	**43**	
MW-11	3/23/04	50 U	1.5	0.5 U	4.0	0.5 U	**15**	2.6	
MW-11	5/18/04	52	2.3	0.5 U	**41**	0.5 U	**22**	**110**	
MW-11	8/17/04	160	2.3	2.0 U	**110**	2.5	**20**	**280**	
MW-11	11/15/04	--		--	--	--	--	--	
MW-11	3/15/05	--	--	--	--	--	--	--	
MW-11	6/13/05	--	--	--	--	--	--	--	
MW-11	8/24/05	--	--	--	--	--	--	--	
MW-11	12/22/05	--	--	--	--	--	--	--	

Table 5
Groundwater Analytical Results
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Monitoring Well	Date Sampled	EPA 8015M	EPA 8260B						
		TEPH (TPHd) (µg/L)	**CF (µg/L)**	**1,1-DCE (µg/L)**	**c-DCE (µg/L)**	**t-DCE (µg/L)**	**PCE (µg/L)**	**TCE (µg/L)**	**OTHER VOCs**
Cal EPA MCLs (µg/L)		210[1]	80[4]	6	6	10	5	5	See values at end of table
MW-11	5/31/06	--	--	--	--	--	--	--	
MW-11	9/15/06	--	--	--	--	--	--	--	
MW-11	9/5/08	50 U	1.0 U	1.0 U	**28**	1.2	**11**	**14**	
MW-11	3/4/09	100.0	0.91 J	0.40 U	**200**	6.4	**9.4**	**51**	
MW-11	12/22/09	48 U	0.96 J	0.40 U	**100**	4.4	**20**	**33**	
MW-11	6/30/10	48 U	0.95 J	0.31 U	**22**	0.82 J	**11**	**14**	
MW-11	3/17/11	500 U	1.0 U	1.0 U	**110**	5.1	**37**	**85**	
MW-11	9/15/11	500 U	1.0 U	1.0 U	4.8	1.0 U	**13**	**13**	
MW-11	3/23/12	500 U	1.0 U	1.0 U	**14**	1.0 U	**9.8**	2.1	
MW-11	9/7/12	500 U	1.0 U	1.0 U	**59**	5.4	**11**	**7.2**	
MW-11	3/7/13	500 U	1.0 U	1.0 U	**54**	2.7	**16**	**6.8**	
MW-11	11/12/13	---	1.0 U	1.0 U	**16**	1.2	**7.5**	1.6	
MW-11	3/12/14	---	1.0 U	1.0 U	1.0 U	1.0 U	**8.3**	1.0 U	
MW-11	9/11/14	---	1.0 U	1.0 U	1.0 U	1.0 U	**5.7**	1.0 U	
MW-11	3/2/15	---	1.0 U	1.0 U	1.0 U	1.0 U	**7.3**	1.0 U	
MW-11	10/19/15	---	1.0 U	1.0 U	1.0 U	1.0 U	**5.7**	1.0 U	
MW-11	3/16/16	---	1.0 U	1.0 U	1.0 U	1.0 U	**9.3**	1.0 U	
MW-12	9/20/00	100 U	---	2.0 U	**24**	2.0 U	**96**	**27**	
MW-12	12/4/00	100 U	---	2.0 U	**19**	2.0 U	**81**	**19**	
MW-12	3/27/01	160	---	0.5 U	**110**	3.6	**120**	**66**	
MW-12	5/17/01	190	1.0 U	0.5 U	**160**	3.6	**140**	**78**	
MW-12	8/21/01	50 U	0.5 U	0.5 U	**140**	0.5 U	**140**	**70**	
MW-12	12/18/01	54	1.9	0.5 U	**86**	1.7	**100**	**55**	
MW-12	2/28/02	50	1.5	0.5 U	**51**	1.0	**70**	**39**	
MW-12	6/4/02	50 U	0.56	0.5 U	**37**	0.89	**45**	**30**	
MW-12	8/13/02	54	1.6	0.5 U	**40**	1.0	**50**	**32**	
MW-12	11/12/02	50 U	1.9	0.5 U	**33**	1.0	**48**	**30**	
MW-12	3/10/03	120	1.4	1.0 U	**120**	1.0 U	**17**	**160**	
MW-12	5/19/03	130	1.5	0.5 U	**140**	2.4	**49**	**56**	
MW-12	8/26/03	80	2.0	0.5 U	**110**	1.6	**73**	**110**	
MW-12	11/18/03	62	2.0	0.5 U	**98**	1.8	**63**	**97**	
MW-12	3/23/04	55	1.3	0.5 U	**54**	1.4	**28**	**28**	
MW-12	5/18/04	130	2.9	0.5 U	**130**	2.4	**110**	**110**	
MW-12	8/17/04	65	1.7	1.0 U	**57**	1.3	**35**	**55**	
MW-12	11/16/04	90	2.2	1.0 U	**56**	2.0	**42**	**53**	
MW-12	3/15/05	**450**	5.0 U	10 U	**1600**	**20**	**610**	**1900**	
MW-12	6/13/05	**770**	5.0 U	10 U	**810**	**50**	**160**	**320**	
MW-12	8/25/05	**210**	5.0 U	10 U	**380**	9.1	**150**	**200**	
MW-12	12/21/05	120	1.2	0.31 U	**140**	9.9	**82**	**100**	
MW-12	5/31/06	110	1.8B	0.31 U	**250**	5.5	**59**	**130**	Methylene chloride (**13**B)
MW-12	9/15/06	--	--	--	--	--	--	--	
MW-12	12/21/06	--	--	--	--	--	--	--	
MW-12	9/5/08	59	1.0 U	1.0 U	**96**	4.0	**26**	**63**	
MW-12	3/4/09	48 U	0.81 J	0.40 U	**58**	2.4	**11**	**24**	
MW-12	12/22/09	48 U	0.86 J	0.40 U	**58**	4.6	**19**	**31**	
MW-12	6/29/10	55	0.85	0.31 U	**580**	**21**	**36**	**120**	
MW-12	3/15/11	500 U	1.0 U	1.0 U	**390**	5.2	**23**	**61**	Vinyl Chloride (**0.59**)
MW-12	9/15/11	500 U	1.0 U	1.0 U	**190**	7.7	**17**	**52**	
MW-12	3/22/12	500 U	1.0 U	1.0 U	**150**	**11**	**7.6**	**13**	
MW-12	9/6/12	500 U	1.0 U	1.0 U	**77**	1.8	**9.1**	**15**	
MW-12	3/6/13	500 U	1.0 U	1.0 U	**26**	1.0 U	**5.1**	**8.2**	
MW-12	11/12/13	---	1.0 U	1.0 U	**53**	3.0	**7.5**	**15**	
MW-12	3/12/14	---	1.0 U	1.0 U	**39**	4.8	**6.9**	**14**	
MW-12	9/11/14	---	1.0 U	1.0 U	**21**	1.0 U	4.6	**11**	

Table 5
Groundwater Analytical Results
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Monitoring Well	Date Sampled	EPA 8015M	EPA 8260B						
		TEPH (TPHd) (µg/L)	**CF (µg/L)**	**1,1-DCE (µg/L)**	**c-DCE (µg/L)**	**t-DCE (µg/L)**	**PCE (µg/L)**	**TCE (µg/L)**	**OTHER VOCs**
Cal EPA MCLs (µg/L)		210[1]	80[4]	6	6	10	5	5	See values at end of table
MW-12	3/3/15	---	1.0 U	1.0 U	5.1	1.0 U	**6.6**	**8.4**	
MW-12	10/20/15	---	1.0 U	1.0 U	2.7	1.0 U	4.7	**6.1**	
MW-12	3/16/16	---	1.0 U	1.0 U	2.0	1.0 U	**7.8**	4.2	
MW-13A	9/19/00	100 U	---	2.0 U	**110**	7.9	**45**	**42**	
MW-13A	12/5/00	100 U	---	1.0 U	**93**	6.8	**45**	**39**	
MW-13A	3/26/01	110	---	2.5 U	**440**	**16**	**91**	**100**	
MW-13A	5/16/01	120	2.5 U	2.5 U	**420**	**17**	**100**	**130**	
MW-13A	8/20/01	50 U	1.3 U	1.3 U	**180**	4.0	**47**	**49**	
MW-13A	12/17/01	50 U	2.5 U	2.5 U	**100**	6.3	**50**	**45**	
MW-13A	2/27/02	50 U	0.79	0.5 U	**88**	4.8	**47**	**41**	
MW-13A	6/3/02	50 U	0.5 U	0.5 U	**98**	4.0	**40**	**38**	
MW-13A	8/12/02	76	0.97	0.5 U	**110**	4.3	**41**	**36**	
MW-13A	11/11/02	50 U	1.0	0.5 U	**69**	3.2	**31**	**32**	
MW-13A	3/10/03	50 U	0.8	0.5 U	**110**	3.7	**40**	**26**	
MW-13A	5/19/03	---	---	---	---	---	---	---	
MW-13A	8/25/03	---	---	---	---	---	---	---	
MW-13A	11/17/03	50 U	0.96	0.5 U	**100**	4.5	**34**	**30**	
MW-13A	3/22/04	64	0.67	0.5 U	**120**	4.3	**40**	**24**	
MW-13A	5/17/04	84	0.92	0.5 U	**150**	5.8	**39**	**32**	
MW-13A	8/16/04	67	0.99	1.0 U	**110**	4.2	**31**	**27**	
MW-13A	11/15/04	80	0.88	1.0 U	**100**	4.0	**31**	**23**	
MW-13A	3/16/05	120	2.5 U	5.0 U	**500**	8.7	**49**	**54**	
MW-13A	6/14/05	98	0.5 U	1.0 U	**140**	6.2	**30**	**29**	
MW-13A	8/25/05	61	0.50	1.0 U	**73**	3.5	**28**	**20**	
MW-13A	12/21/05	58	0.63J	0.31 U	**55**	2.5	**30**	**18**	
MW-13A	6/5/06	100	0.64J,B	0.31 U	**200**	9.2	**52**	**39**	Acetone (9.2J,B) Methylene chloride (4.6J,B)
MW-13A	9/14/06	48 U	0.77J	0.26 U	**66**	6.9	**24**	**16**	Acetone (9.2J,B)
MW-13A	12/21/06	48 U	0.63J	0.26 U	**35**	1.4	**22**	**11**	
MW-13A	3/20/07	48 U	0.67 J	0.26 U	**37**	1.6	**31**	**15**	
MW-13A	6/19/07	48 U	0.48J	0.29 U	**41**	1.6	**22**	**12**	Methylene Chloride (4.5J)
MW-13A	9/18/07	56	0.62 J	0.29 U	**33**	1.5	**20**	**9.7**	Methylene Chloride (**6.9** J)
MW-13A	1/2/08	48 U	0.49 J	0.29 U	**28**	0.99 J	**16**	**6.9**	
MW-13A	9/4/08	50 U	1.0 U	1.0 U	**53**	2.1	**21**	**9.4**	
MW-13A	3/5/09	48 U	0.44 J	0.40 U	**26**	2.5	**15**	**5.8**	
MW-13A	12/21/09	48 U	0.33 U	0.40 U	**31**	1.2	**22**	**5.3**	
MW-13A	6/29/10	48 U	0.39	0.31 U	**75**	2.4	**28**	**8.2**	
MW-13A	3/14/11	500 U	1.0 U	1.0 U	**100**	3.4	**35**	**15**	
Dup-1 (MW-13A)	3/14/11	500 U	1.0 U	1.0 U	**99**	3.7	**34**	**16**	
MW-13A	9/14/11	500 U	1.0 U	1.0 U	**25**	1.1	**19**	**5.3**	
Dup-1 (MW-13A)	9/14/11	500 U	1.0 U	1.0 U	**24**	1.3	**18**	4.9	
MW-13A	3/22/12	500 U	1.0 U	1.0 U	**14**	1.0 U	**24**	4.4	
Dup-1 (MW-13A)	3/22/12	500 U	1.0 U	1.0 U	**14**	1.1	**23**	4.4	
MW-13A	9/6/12	500 U	1.0 U	1.0 U	**9.7**	1.0 U	**20**	3.1	
Dup-1 (MW-13A)	9/6/12	500 U	1.0 U	1.0 U	**10**	1.0 U	**23**	3.5	
MW-13A	3/7/13	500 U	1.0 U	1.0 U	**7.2**	1.0 U	**15**	2.1	
MW-13A	11/12/13	---	1.0 U	1.0 U	**13**	1.0 U	**15**	2.1	
MW-13A	3/12/14	---	1.0 U	1.0 U	**9.0**	1.0 U	**9.6**	1.4	
MW-13A	9/12/14	---	1.0 U	1.0 U	4.9	1.0 U	4.0	1.0 U	
MW-13A	3/3/15	---	1.0 U	1.0 U	1.2	1.0 U	2.9	1.0 U	
MW-13A	10/20/15	---	1.0 U	1.0 U	1.0 U	1.0 U	2.2	1.0 U	
MW-13A	3/16/16	---	1.0 U	1.0 U	1.0 U	1.0 U	2.5	1.0 U	
MW-13B	9/19/00	100 U	---	1.0 U	1.0 U	1.0 U	**49**	1.1	

Table 5
Groundwater Analytical Results
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Monitoring Well	Date Sampled	EPA 8015M	EPA 8260B						
		TEPH (TPHd) (µg/L)	**CF (µg/L)**	**1,1-DCE (µg/L)**	**c-DCE (µg/L)**	**t-DCE (µg/L)**	**PCE (µg/L)**	**TCE (µg/L)**	**OTHER VOCs**
Cal EPA MCLs (µg/L)		210[1]	80[4]	6	6	10	5	5	See values at end of table
MW-13B	12/5/00	100 U	---	2.5 U	**30**	2.5 U	**120**	**14.0**	
MW-13B	3/26/01	66	---	0.5 U	**48**	3.6	**130**	**19**	
MW-13B	5/16/01	55	0.5 U	0.5 U	**54**	2.5	**120**	**20**	
MW-13B	8/20/01	50 U	0.5 U	0.5 U	**66**	2.2	**110**	**20**	
MW-13B	12/17/01	50 U	0.56	0.5 U	**50**	0.5 U	**110**	**20**	
MW-13B	2/27/02	50 U	0.5 U	0.5 U	**33**	0.67	**89**	**15**	
MW-13B	6/3/02	50 U	0.5 U	0.5 U	**32**	0.72	**87**	**16**	
MW-13B	8/12/02	54	0.55	0.5 U	**29**	0.79	**91**	**16**	
MW-13B	11/11/02	50 U	0.61	0.5 U	**14**	0.67	**70**	**15**	
MW-13B	3/10/03	50 U	0.5 U	0.5 U	1.3	0.5 U	3.7	1.1	
MW-13B	5/19/03	---	---	---	---	---	---	---	
MW-13B	8/25/03	---	---	---	---	---	---	---	
MW-13B	11/17/03	50 U	0.5 U	0.5 U	1.3	0.5 U	**8.0**	1.7	
MW-13B	3/22/04	50 U	0.5 U	0.5 U	2.3	0.5 U	**8.8**	1.4	
MW-13B	5/17/04	50 U	0.5 U	0.5 U	2.4	0.5 U	**8.2**	1.5	
MW-13B	8/16/04	50 U	0.5 U	1.0 U	2.3	0.5 U	**6.6**	1.5	
MW-13B	11/15/04	50 U	0.5 U	1.0 U	3.3	0.5 U	**8.0**	1.6	
MW-13B	3/16/05	50 U	0.5 U	1.0 U	**6.2**	0.5 U	**9.4**	3.4	
MW-13B	6/13/05	50 U	0.5 U	1.0 U	**6.7**	0.60	**6.4**	2.6	
MW-13B	8/25/05	50 U	0.5 U	1.0 U	**8.7**	0.5 U	**8.3**	2.7	
MW-13B	12/21/05	44 U	0.26J	0.31 U	**18**	0.51J	**11**	4.8	
MW-13B	6/5/06	48 U	0.22 U	0.31 U	5.4	0.29 U	**6.4**	2.2	Methylene chloride (4.6J,B)
MW-13B	9/14/06	48 U	0.36J	0.26 U	5.8	0.83 U	**5.0**	1.9	Acetone (8.2J,B)
MW-13B	12/21/06	48 U	0.29 U	0.26 U	**11**	0.83 U	**6.9**	2.9	Acetone (8.5J)
MW-13B	3/20/07	48 U	0.29 U	0.26 U	**14**	0.83 U	**7.0**	3.7	Carbon Disulfide (3.8 J)
MW-13B	6/19/07	48 U	0.24 U	0.29 U	**11**	0.38 U	4.8	2.9	
MW-13B	9/19/07	48 U	0.24 U	0.29 U	**12**	0.38 U	**6.0**	3.7	Methylene Chloride (**6.3** J)
MW-13B	1/2/08	48 U	0.35 J	0.29 U	**7.5**	0.38 U	**5.3**	2.9	
MW-13B	9/4/08	50 U	1.0 U	1.0 U	2.8	1.0 U	**9.5**	2.8	
DUP-1	9/4/08	50 U	1.0 U	1.0 U	3.1	1.0 U	**8.4**	3.3	
MW-13B	3/5/09	48 U	0.33 U	0.40 U	0.95 J	0.40 U	**5.0**	1.1	
MW-13B	12/21/09	48 U	0.33 U	0.40 U	1.2	0.40 U	**14**	1.5	
MW-13B	6/29/10	48 U	0.33 U	0.31 U	0.63	0.40 U	**12**	1.2	
MW-13B	3/15/11	500 U	1.1	1.0 U	5.8	1.0 U	**19**	2.4	
MW-13B	9/14/11	500 U	1.2	1.0 U	5.7	1.0 U	**17**	2.3	
MW-13B	3/22/12	500 U	1.1	1.0 U	4.1	1.0 U	**20**	1.8	
MW-13B	9/6/12	500 U	1.0 U	1.0 U	1.0 U	1.0 U	4.2	1.0 U	
MW-13B	3/7/13	500 U	1.0 U	1.0 U	1.0 U	1.0 U	**6.3**	1.0 U	
MW-13B	11/12/13	---	1.0 U	1.0 U	1.1	1.0 U	**6.2**	1.0 U	
MW-13B	3/12/14	---	1.0 U	1.0 U	1.1	1.0 U	**8.6**	1.0 U	
MW-13B	9/11/14	---	1.0 U	1.0 U	4.3	1.0 U	4.8	1.0 U	
DUP-1	9/11/14	---	1.0 U	1.0 U	4.3	1.0 U	**5.3**	1.0 U	
MW-13B	3/3/15	---	1.0 U	1.0 U	1.8	1.0 U	**8.6**	1.0 U	
MW-13B	10/20/15	---	1.0 U	1.0 U	2.9	1.0 U	1.4	1.0 U	
DUP-1	10/20/15	---	1.0 U	1.0 U	3.0	1.0 U	1.5	1.0 U	
MW-13B	3/16/16	---	1.0 U	1.0 U	1.0 U	1.0 U	1.4	1.0 U	
DUP-2	3/15/16	---	1.0 U	1.0 U	1.0 U	1.0 U	1.4	1.0 U	
MW-14	11/11/02	50 U	0.60	0.5 U	**50**	2.0	**18**	**19**	
MW-14	3/10/03	---	---	---	---	---	---	---	
MW-14	5/19/03	---	---	---	---	---	---	---	
MW-14	8/25/03	---	---	---	---	---	---	---	
MW-14	11/17/03	---	---	---	---	---	---	---	
MW-14	3/22/04	---	---	---	---	---	---	---	

Table 5
Groundwater Analytical Results
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Monitoring Well	Date Sampled	EPA 8015M	EPA 8260B						
		TEPH (TPHd) (µg/L)	**CF (µg/L)**	**1,1-DCE (µg/L)**	**c-DCE (µg/L)**	**t-DCE (µg/L)**	**PCE (µg/L)**	**TCE (µg/L)**	**OTHER VOCs**
Cal EPA MCLs (µg/L)		210[1]	80[4]	6	6	10	5	5	See values at end of table
MW-14	5/17/04	---	---	---	---	---	---	---	
MW-14	8/16/04	63	0.64	1.0 U	**110**	4.7	**28**	**23**	
MW-14	11/15/04	58	0.58	1.0 U	**65**	3.1	**19**	**15**	
MW-14	3/15/05	58	1.0 U	2.0 U	**250**	5.2	**34**	**29**	
MW-14	6/13/05	100	1.0 U	2.0 U	**120**	**13**	**28**	**22**	Naphthalene (7.7) 1,2,4-Trichlorobenzene (1.3)
MW-14	8/25/05	56	0.5 U	1.0 U	**55**	3.1	**20**	**15**	
MW-14	12/21/05	46	0.55J	0.31 U	**42**	2.1	**25**	**16**	
MW-14	6/5/06	63	0.57J,B	0.31 U	**86**	6.1	**35**	**21**	Methylene chloride (4.7J,B)
MW-14	9/14/06	48 U	1.5	0.26 U	**91**	3.1	**28**	**21**	Acetone (10B)
MW-14	12/21/06	48 U	0.79J	0.26 U	**45**	3.1	**19**	**11**	Acetone (9.4J)
MW-14	3/20/07	48 U	0.61 J	0.26 U	**36**	2.3	**20**	**10**	Napthalene (0.42 J)
MW-14	6/19/07	48 U	0.48J	0.29 U	**41**	1.5	**21**	**13**	
MW-14	9/18/07	48 U	0.47 J	0.29 U	**36**	1.7	**15**	**8.8**	Methylene Chloride (**6.1** J)
DUP-1	9/18/07	---	0.53 J	0.29 U	**37**	1.8	**17**	**9.5**	Methylene Chloride (**5.7** J)
MW-14	1/2/08	48 U	0.54 J	0.29 U	**30**	1.0 J	**16**	**7.1**	
DUP-1	1/2/08	---	0.57 J	0.29 U	**30**	1.1	**15**	**6.7**	
MW-14	9/4/08	50 U	1.0 U	1.0 U	**71**	2.6	**18**	**11**	
MW-14	3/5/09	48 U	0.39 J	0.40 U	**20**	1.2	**12**	4.7	
MW-14	12/21/09	48 U	0.33 U	0.40 U	**38**	0.8 J	**23**	**6.3**	
MW-14	6/29/10	48 U	0.38	0.31 U	**62**	1.8	**22**	**8.3**	Tert-butyl alcohol (9.1)
MW-14	3/14/11	500 U	1.0 U	1.0 U	**41**	1.6	**24**	**6.9**	
MW-14	9/14/11	500 U	1.0 U	1.0 U	**27**	2.8	**18**	**5.8**	
MW-14	3/21/12	500 U	1.0 U	1.0 U	**11**	1.5	**19**	3.6	
MW-14	9/7/12	500 U	1.0 U	1.0 U	**9.5**	1.0 U	**18**	3.7	
MW-14	3/7/13	500 U	1.0 U	1.0 U	**5.7**	1.0 U	**14**	2.2	
DUP-2	3/7/13	500 U	1.0 U	1.0 U	**6.3**	1.0 U	**17**	2.6	
MW-14	11/12/13	---	1.0 U	1.0 U	**13**	1.0 U	**16**	2.7	
MW-14	3/12/14	---	1.0 U	1.0 U	**13**	1.0 U	**17**	2.7	
MW-14	9/12/14	---	1.0 U	1.0 U	**9.1**	1.0 U	**12**	1.9	
MW-14	3/3/15	---	1.0 U	1.0 U	3.4	1.0 U	**7.9**	1.0 U	
MW-14	10/20/15	---	1.0 U	1.0 U	1.6	1.0 U	**6.3**	1.0 U	
MW-14	3/16/16	---	1.0 U	1.0 U	1.4	1.0 U	**6.5**	1.0 U	
MW-15	11/11/02	87	2.5 U	2.5 U	**190**	4.8	**56**	**62**	
MW-15	3/10/03	58	1.0 U	1.0 U	**180**	2.9	**60**	**42**	
MW-15	5/19/03	63	1.0 U	1.0 U	**150**	2.4	**43**	**37**	
MW-15	8/25/03	72	1.2	1.0 U	**290**	3.4	**67**	**70**	
MW-15	11/17/03	80	1.0 U	1.0 U	**340**	5.0	**77**	**92**	
MW-15	3/22/04	100	1.0 U	1.0 U	**300**	5.2	**74**	**59**	
MW-15	5/17/04	130	2.5 U	2.5 U	**270**	4.9	**63**	**60**	
MW-15	8/16/04	110	1.0 U	2.0 U	**260**	4.2	**65**	**62**	
MW-15	11/15/04	130	1.0 U	2.0 U	**320**	4.1	**67**	**66**	
MW-15	3/16/05	86	1.2	2.0 U	**250**	3.1	**35**	**50**	
MW-15	6/14/05	**210**	2.5 U	5.0 U	**640**	**13**	**65**	**86**	Naphthalene (15)
MW-15	8/24/05	140	2.5 U	5.0 U	**510**	9.9	**61**	**63**	
MW-15	12/21/05	110	0.69J	0.61 U	**320**	6.6	**58**	**51**	
MW-15	6/5/06	130	0.77J,B	0.31 U	**240**	**21**	**55**	**43**	Methylene chloride (4.7J,B)
MW-15	9/14/06	48 U	0.73J	0.26 U	**240**	**21**	**35**	**36**	Acetone (7.3B)
MW-15	12/21/06	48 U	0.61J	0.5 U1	**160**	**12**	**27**	**23**	Acetone (17J)
MW-15	3/20/07	110	0.65 J	0.26 U	**240**	5.4	**59**	**39**	
MW-15	6/19/07	49	0.60J	0.5 U9	**180**	4.5	**34**	**29**	
MW-15 DUP-1	6/19/07	---	0.58J	0.29 U	**180**	4.1	**35**	**28**	
MW-15	9/18/07	83	0.59 J	0.29 U	**140**	3.0	**26**	**24**	Methylene Chloride (**6.2** J)
MW-15	1/2/08	69	0.61 J	0.29 U	**110**	2.1	**24**	**19**	

Table 5
Groundwater Analytical Results
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Monitoring Well	Date Sampled	EPA 8015M	EPA 8260B						
		TEPH (TPHd) (µg/L)	**CF (µg/L)**	**1,1-DCE (µg/L)**	**c-DCE (µg/L)**	**t-DCE (µg/L)**	**PCE (µg/L)**	**TCE (µg/L)**	**OTHER VOCs**
Cal EPA MCLs (µg/L)		210[1]	80[4]	6	6	10	5	5	See values at end of table
MW-15	9/4/08	50 U	1.0 U	1.0 U	**250**	3.5	**32**	**45**	
MW-15	3/5/09	48 U	0.49 J	0.40 U	**130**	2.7	**22**	**25**	
MW-15	12/21/09	50 J	0.52 J	0.40 U	**110**	6.5	**34**	**29**	
MW-15	6/29/10	48 U	0.53	0.31 U	**130**	1.8	**34**	**40**	
MW-15	3/14/11	500 U	1.0 U	1.0 U	**120**	1.7	**27**	**45**	
MW-15	9/14/11	500 U	1.0 U	1.0 U	**210**	9.3	**36**	**50**	
MW-15	3/21/12	500 U	1.0 U	1.0 U	**150**	8.5	**33**	**29**	
MW-15	9/6/12	500 U	1.0 U	1.0 U	**110**	4.4	**27**	**21**	
MW-15	3/7/13	500 U	1.0 U	1.0 U	**53**	1.1	**21**	**13**	
MW-15	11/12/13	---	1.0 U	1.0 U	**45**	1.1	**18**	**10**	
MW-15	3/12/14	---	1.0 U	1.0 U	**40**	1.0 U	**16**	**11**	
MW-15	9/12/14	---	1.0 U	1.0 U	**26**	1.0 U	**14**	**9.0**	
MW-15	3/3/15	---	1.0 U	1.0 U	**11**	1.0 U	**12**	**6.3**	
MW-15	10/20/15	---	1.0 U	1.0 U	4.4	1.0 U	**9.4**	3.7	
MW-15	3/16/16	---	1.0 U	1.0 U	3.4	1.0 U	**8.7**	2.7	
MW-16A	6/5/06	**1500**	0.46J,B	2.1	**3200**	**72**	**65**	**620**	sec-Butylbenzene (2.8) tert-Butylbenzene (1.4) Isopropylbenzene (0.43) Methylene chloride (4.6J,B) Vinyl chloride (**0.87**)
MW-16A	9/15/06	48 U	0.38J	0.26 U	**26**	0.84J	**13**	**31**	
MW-16A	12/28/06	**1100**	2.9 U	2.6 U	**1100**	**26**	**98**	**200**	Toluene (2.9J,B)
MW-16A	3/21/07	**930**	0.5 U9	0.58 J	**470**	9.7	**38**	**77**	Carbon Disulfide (5.5 J) Vinyl Chloride (**1.1**)
MW-16A	6/20/07	**870**	1.2 U	1.5 U	**1000**	**23**	**36**	**100**	
MW-16A	9/19/07	**1000**	1.2 U	1.5 U	**1100**	**22**	**38**	**220**	
MW-16A	1/3/08	**1100**	2.4 U	2.9 U	**1900**	**28**	**48**	**92**	
MW-16A	9/5/08	**910**	1.0 U	1.0 U	**2600**	**62**	**28**	**180**	Vinyl Chloride (**2.4**)
MW-16A	3/5/09	**360**	0.33 U	0.93 J	**1900**	**47**	**18**	**97**	Vinyl Chloride (**6.3**)
DUP-1	3/5/09	**360**	0.33 U	1.0	**2300**	**48**	**21**	**100**	Vinyl Chloride (**6.9**)
MW-16A	12/22/09	**240**	0.65 J	0.66 J	**1000**	**22**	**15**	**65**	Vinyl Chloride (**6.3**)
DUP-1	12/22/09	---	0.61 J	0.59 J	**950**	**23**	**15**	**70**	Vinyl Chloride (**6.3**)
MW-16A	6/30/10	330	3.3 U	3.1 U	**2500**	**41**	**88**	**470**	Vinyl Chloride (**50**)
DUP-1	6/30/10	---	3.3 U	3.1 U	**2300**	**60**	**93**	**440**	Vinyl Chloride (**43**)
MW-16A	3/15/11	500 U	1.0 U	1.3	**8800**	**120**	**73**	**330**	Vinyl Chloride (**64**)
Dup-2 (MW-16A)	3/15/11	500 U	5.0 U	5.0 U	**8900**	**120**	**68**	**340**	Vinyl Chloride (**88**)
MW-16A	9/15/11	500 U	1.0 U	1.0 U	**360**	**16**	**24**	**66**	Vinyl Chloride (1.4)
Dup-2 (MW-16A)	9/15/11	500 U	1.0 U	2.0 U	**380**	**38**	**26**	**64**	Vinyl Chloride (1.5)
MW-16A	3/22/12	500 U	2.0 U	2.0 U	**2500**	**69**	**35**	**93**	Vinyl Chloride (**51**)
Dup-2 (MW-16A)	3/22/12	500 U	2.0 U	2.0 U	**2300**	**71**	**28**	**79**	Vinyl Chloride (**48**)
MW-16A	9/6/12	500 U	20 U	20 U	**1600**	**50**	**26**	**120**	Vinyl Chloride (**110**)
Dup-2 (MW-16A)	9/6/12	500 U	10 U	10 U	**2000**	**54**	**24**	**120**	Vinyl Chloride (**110**)
MW-16A	3/7/13	500 U	10 U	10 U	**970**	**28**	**15**	**31**	Vinyl Chloride (**98**)
MW-16A	11/12/13	---	10 U	10 U	**460**	**13**	**9.7**	**27**	Vinyl Chloride (4.8)
MW-16A	3/12/14	---	1.0 U	1.0 U	**15**	2.3	1.2	1.0	
MW-16A	3/2/15	---	1.0 U	1.0 U	**16**	1.0 U	**12**	**12**	
MW-16A	3/16/16	---	1.0 U	1.0 U	**9.5**	1.0 U	**12**	4.3	
MW-16B	6/5/06	48 U	1.0J,B	0.31 U	4	0.31J	**19**	**7**	Acetone (9.1J) Bromoform (3.1) 2-Butanone (5.7J) Dibromochloromethane (0.86J) Methylene chloride (5.4J,B)

Table 5
Groundwater Analytical Results
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Monitoring Well	Date Sampled	EPA 8015M	EPA 8260B						
		TEPH (TPHd) (µg/L)	**CF (µg/L)**	**1,1-DCE (µg/L)**	**c-DCE (µg/L)**	**t-DCE (µg/L)**	**PCE (µg/L)**	**TCE (µg/L)**	**OTHER VOCs**
Cal EPA MCLs (µg/L)		210[1]	80[4]	6	6	10	5	5	See values at end of table
MW-16B	9/15/06	**1100**	0.85J	1.7	**2500**	**64**	**120**	**400**	sec-Butylbenzene (1.5) tert-Butylbenzene (1.0J) Isopropylbenzene (0.24J) Vinyl chloride (**0.81**)
MW-16B	12/28/06	48 U	0.75 J	2.6 U	4.6	0.83 U	**7.9**	4.2	Acetone (8.7J) Ethanol (72J) Toluene (0.25J,B)
MW-16B	3/21/07	48 U	0.66 J	0.26 U	3.0	0.83 U	4.8	2.6	
MW-16B	6/20/07	48 U	0.73J	0.29 U	1.5	0.38 U	**5.4**	2.1	
MW-16B	9/19/07	48 U	0.65 J	0.29 U	2.7	0.38 U	**9.0**	2.7	
MW-16B	1/3/08	48 U	0.39 J	0.29 U	1.2	0.38 U	**8.1**	1.9	
MW-16B	9/5/08	50 U	1.0 U	1.0 U	2.5	1.0 U	**6.9**	2.3	
MW-16B	3/5/09	48 U	0.48 J	0.40 U	5.7	0.43 J	3.3	3.8	
MW-16B	12/22/09	48 U	0.45 J	0.40 U	**23**	1.5	**7.4**	**8.1**	
MW-16B	6/30/10	48 U	0.93 J	0.31 U	4.6	0.40 U	**6.5**	2.4	
MW-16B	3/17/11	500 U	1.0 U	1.0 U	**24**	1.0	**9.2**	**9.3**	Toluene (4.9)
MW-16B	9/15/11	500 U	1.0 U	1.0 U	**1.0 U**	1.0 U	**10.0**	1.0	
MW-16B	3/22/12	500 U	1.0 U	1.0 U	1.0 U	1.0 U	4.2	1.0 U	
MW-16B	9/7/12	500 U	1.0 U	1.0 U	**33**	2.4	**6.5**	**9.7**	
MW-16B	3/13/13	500 U	1.0 U	1.0 U	**34**	1.4	**6.4**	**8.1**	
MW-16B	11/12/13	---	1.0 U	1.0 U	**55**	2.7	**6.1**	**9.8**	
MW-16B	3/12/14	---	1.0 U	1.0 U	**35**	2.1	4.9	**7.9**	
MW-16B	9/11/14	---	1.0 U	1.0 U	**15**	1.1	**5.1**	**5.8**	
MW-16B	3/2/15	---	1.0 U	1.0 U	3.6	1.0 U	3.3	2.6	
MW-16B	10/19/15	---	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2-Butanone (13)
MW-16B	3/15/16	---	1.0 U	1.0 U	1.0 U	1.0 U	2.5	1.5	
MW-16C	6/5/06	50	0.22 U	0.31 U	**41**	1.4	**26**	**54**	Acetone (8.5J,B) Bromoform (1.4) Dibromochloromethane (0.74J) Methylene chloride (5.9J)
MW-16C	9/15/06	48 U	1.0	0.26 U	5.1	0.83 U	**18**	**5.9**	
MW-16C	12/28/06	48 U	0.29 U	0.26 U	**11**	0.83 U	**6.6**	**16**	Ethanol (93J)
MW-16C	3/21/07	48 U	0.29 U	0.26 U	**11**	0.83 U	**6.1**	**17**	
MW-16C	6/20/07	48 U	0.24 U	0.29 U	**9.9**	0.38 U	**7.7**	**17**	
MW-16C	9/19/07	48 U	0.24 U	0.29 U	**6.8**	0.38 U	**9.0**	**9.0**	
MW-16C	1/3/08	48 U	0.24 U	0.29 U	**7.9**	0.38 U	**11**	**13**	
MW-16C	9/5/08	50 U	1.0 U	1.0 U	**8.9**	1.0 U	**7.9**	**12**	
MW-16C	3/5/09	48 U	0.33 U	0.40 U	2.1	0.40 U	2.5	5.9	
MW-16C	12/22/09	48 U	0.33 U	0.40 U	1.6	0.40 U	2.4	2.8	
MW-16C	6/30/10	48 U	0.33 U	0.31 U	1.0	0.40 U	1.8	2.3	
MW-16C	3/15/11	500 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	
MW-16C	9/15/11	500 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	
MW-16C	3/22/12	500 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	
MW-16C	9/7/12	540 U	1.0 U	1.0 U	**9.9**	1.1	1.2	1.4	
MW-16C	3/7/13	500 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	
MW-16C	11/12/13	---	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	
MW-16C	3/12/14	---	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	

Table 5
Groundwater Analytical Results
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Monitoring Well	Date Sampled	EPA 8015M	EPA 8260B						
		TEPH (TPHd) (µg/L)	**CF (µg/L)**	**1,1-DCE (µg/L)**	**c-DCE (µg/L)**	**t-DCE (µg/L)**	**PCE (µg/L)**	**TCE (µg/L)**	**OTHER VOCs**
Cal EPA MCLs (µg/L)		210[1]	80[4]	6	6	10	5	5	See values at end of table
MW-16C	3/2/15	---	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	
MW-16C	3/15/16	---	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	
K-1	7/21/98	138	---	10 U	**81**	**13**	**187**	**132**	1,1,2,2-PCA (**20**)
K-1	11/30/99	**260**	---	10 U	**118**	**16**	**55**	**71**	Methylene chloride (**29.4**)
K-1	3/15/00	100 U	---	12 U	**1200**	**88**	**110**	**310**	
K-1	6/29/00	100 U	---	25 U	**1800**	**180**	**96**	**290**	
K-1	9/20/00	**260**	---	5.0 U	**270**	**31**	**59**	**100**	
K-1	12/4/00	100 U	---	1.0 U	**78.0**	**10**	**24**	**42**	
K-1	3/26/01	**460**	---	25 U	**3400**	**280**	**93**	**440**	
K-1	5/17/01	**350**	25 U	25 U	**1400**	**180**	**65**	**250**	
K-1	8/21/01	200	1.3 U	1.3 U	**320**	**34**	**44**	**110**	
K-1	12/17/01	**240**	25 U	25 U	**270**	25 U	25 U	**69**	
K-1	2/28/02	190	2.5 U	2.5 U	**350**	**17**	**52**	**110**	
K-1	6/4/02	**330**	2.5 U	2.5 U	**280**	8.8	**28**	**60**	
K-1	8/13/02	**250**	2.5 U	2.5 U	**350**	6.4	**28**	**53**	
K-1	11/12/02	**350**	2.5 U	2.5 U	**250**	9.0	**13**	**52**	
K-1	3/11/03	170	2.5 U	2.5 U	**830**	**25**	**34**	**100**	
K-1	5/20/03	**440**	10 U	10 U	**2300**	**82**	**24**	**68**	
K-1	8/26/03	**350**	10 U	10 U	**1300**	**66**	**29**	**68**	
K-1	11/18/03	200	5.0 U	10 U	**760**	**40**	**33**	**68**	
K-1	3/23/04	**320**	5.0 U	5.0 U	**1200**	**50**	**12**	**39**	
K-1	5/18/04	**450**	5.0 U	5.0 U	**1800**	**100**	**24**	**55**	
K-1	8/17/04	200	1.0	2.0 U	**340**	**20**	**24**	**41**	
K-1	11/16/04	**290**	5.0 U	10 U	**900**	**40**	**20**	**36**	
K-1	3/16/05	72	1.3	1.0 U	**120**	5.0	**78**	**96**	
K-1	6/14/05	180	0.5 U	1.0 U	**190**	**11**	**14**	**30**	
K-1	8/25/05	180	0.5 U	1.0 U	**170**	8.1	**18**	**28**	
K-1	12/21/05	50 U	0.22 U	0.31 U	**28**	1.5	**7.6**	**11**	1,3,5-Trimethylbenzene (0.22J) o-Xylene (0.25J)
K-1	5/31/06	48 U	0.65J,B	0.31 U	3.5	0.29 U	4.6	4.0	Methylene chloride (**13B**) p/m-Xylene (0.45J) o-Xylene (0.31J) Toluene (0.40J)
K-1	9/15/06	**580**	0.47J	0.26 U	**87**	3.2	**17**	**20**	tert-Butylbenzene (0.44J) Vinyl chloride (**0.54**)
K-1	12/22/06	**310**	0.37J	0.26 U	**91**	3.3	**18**	**23**	Acetone (7.4J) tert-Butylbenzene (0.33J) Vinyl Chloride (**0.53**)
K-1	3/20/07	120	0.60 J	0.26 U	**71**	5.3	**31**	**36**	Vinyl Chloride (**2.3**)
K-1	6/20/07	79	0.56J	0.29 U	**51**	4.1	**14**	**17**	Acetone (15J)
K-1	9/19/07	93	0.45 J	0.29 U	**36**	1.7	**11**	**10**	Vinyl Chloride (**1.0**)
K-1	1/3/08	190	0.45 J	0.29 U	**36**	2.0	**8.8**	**8.9**	
K-1	9/5/08	80	1.0 U	1.0 U	**59**	3.7	**21**	**13**	Vinyl Chloride (**1.3**)
K-1	3/5/09	780	0.47 J	0.40 U	**61**	3.2	**6.6**	**9.1**	1,1,2,2-Tetrachloroethane (0.60 J) Vinyl Chloride (**1.6**)
K-1	12/21/09	48 U	0.51 J	0.40 U	**13**	0.54 J	4.9	1.7	
K-1	6/30/10	170	0.46 J	0.31 U	**170**	7.1	**27**	**14**	tert-Butylbenzene (0.37J) Vinyl Chloride (**2.7**)
K-1	3/17/11	500 U	1.0 U	1.0 U	**280**	7.8	4.8	4.4	Vinyl Chloride (**4.4**)
K-1	9/15/11	500 U	1.0 U	1.0 U	1.7	1.0 U	2.5	1.0 U	
K-1	3/23/12	---	1.0 U	1.0 U	**7.9**	1.0 U	**8.6**	1.9	Vinyl Chloride (**0.76**)

Table 5
Groundwater Analytical Results
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Monitoring Well	Date Sampled	EPA 8015M	EPA 8260B						
		TEPH (TPHd) (µg/L)	**CF (µg/L)**	**1,1-DCE (µg/L)**	**c-DCE (µg/L)**	**t-DCE (µg/L)**	**PCE (µg/L)**	**TCE (µg/L)**	**OTHER VOCs**
Cal EPA MCLs (µg/L)		210[1]	80[4]	6	6	10	5	5	See values at end of table
K-1	9/7/12	500 U	1.0 U	1.0 U	**14**	1.4	**6.7**	2.2	
K-1	3/6/13	500 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	
K-1	11/12/13	---	1.0 U	1.0 U	1.8	1.0 U	1.7	1.0 U	
K-1	3/11/14	---	1.0 U	1.0 U	1.3	1.0 U	1.0 U	1.0 U	
K-1	9/11/14	---	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	
K-1	3/2/15	---	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	
K-1	10/19/15	---	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	
K-1	3/15/16	---	1.0 U	1.0 U	1.0 U	1.0 U	1.1	1.0 U	
K-2	7/21/98	100 U	---	1.0 U	1.3	1.0 U	**9.9**	**5.2**	
K-2	11/30/99	100 U	---	2.0 U	**19**	3.91	**27.2**	**26.4**	
K-2	3/15/00	100 U	---	1.0 U	**32**	4.40	**24**	**30**	
K-2	6/29/00	100 U	---	1.0 U	**75**	**15**	**18**	**76**	
K-2	9/20/00	100 U	---	1.0 U	**13**	2.7	**17**	**18**	
K-2	12/4/00	100 U	---	1.0 U	**11**	1.6	**13**	**13**	
K-2	3/26/01	99	---	0.5 U	**11**	1.1	**8.3**	**9.2**	
K-2	5/17/01	50 U	0.7	0.5 U	**33**	7.2	**10**	**21**	
K-2	8/21/01	50 U	0.5 U	0.5 U	**140**	**45**	**10**	**110**	
K-2	12/17/01	50 U	0.82	0.5 U	**26**	3.7	**17**	**24**	
K-2	2/28/02	50 U	0.99	0.5 U	**22**	2.1	**18**	**23**	
K-2	6/4/02	50 U	0.5 U	0.5 U	**17**	1.5	**13**	**19**	
K-2	8/13/02	50 U	0.88	0.5 U	**21**	2.0	**14**	**18**	
K-2	11/12/02	50 U	1.2	0.5 U	**19**	2.3	**14**	**19**	
K-2	3/11/03	50 U	1.0	0.5 U	**30**	2.3	**15**	**20**	
K-2	5/20/03	50 U	1.0	0.5 U	**57**	3.6	**7.4**	**14**	
K-2	8/26/03	50 U	1.2	0.5 U	**36**	3.2	**9.9**	**13**	
K-2	11/18/03	50 U	1.1	0.5 U	**14**	1.3	0.5 U	**11**	
K-2	3/23/04	53	0.59	0.5 U	**88**	4.7	**13**	**22**	
K-2	5/18/04	61	0.73	0.5 U	**100**	5.1	**11**	**18**	
K-2	8/17/04	50 U	0.95	1.0 U	**11**	1.5	**12**	**11**	
K-2	11/16/04	50 U	1.5	1.0 U	**12**	1.7	**16**	**14**	
K-2	3/15/05	50 U	1.3	1.0 U	0.84	0.5 U	2.1	1.2	
K-2	6/13/05	50 U	0.69	1.0 U	**7.6**	1.1	3.6	4.1	
K-2 Dup	6/13/05	50 U	0.99	1.0 U	1.8	0.5 U	3.5	1.5	
K-2	12/21/05	50 U	0.22 U	0.31 U	3.0	0.29 U	3.4	2.8	1,3,5-Trimethylbenzene (0.36J) p/m-Xylene (0.63J) o-Xylene (0.39J)
K-2	5/31/06	48 U	0.66J,B	0.31 U	**94**	2.4	**9.5**	**23**	1,2,4-Trimethlbenzene (0.34J)
K-2	9/15/06	48 U	0.78J	0.26 U	**9.5**	0.83 U	**9.3**	4.7	
K-2	12/22/06	48 U	0.63J	0.26 U	**9.0**	0.97J	**14**	**13**	Acetone (7.5J)
K-2	3/20/07	48 U	0.66 J	0.26 U	3.0	0.83 U	**11**	**6.6**	
K-2	6/19/07	48 U	0.62J	0.29 U	4.6	0.51J	**7.9**	**6.3**	
K-2	9/19/07	48 U	0.24 U	0.29 U	2.9	0.38 U	**7.1**	4.6	
K-2	1/3/08	48 U	0.44 J	0.29 U	3.5	0.38 U	**9.5**	**5.8**	
K-3	7/21/98	**550**	---	20 U	**325**	**32**	**375**	**364**	1,1,2,2-PCA (**35**)
K-3	11/30/99	---	---	---	---	---	---	---	
K-3	3/15/00	100 U	---	25 U	**1400**	**160**	**62**	**160**	
K-3 [3]	6/29/00	100 U	---	50 U	**3300**	**330**	50 U	50 U	
K-3	9/20/00	**6000**	---	12 U	**1000**	**110**	**15**	**66**	
K-3	12/4/00	100 U	---	25 U	**760**	**140**	25 U	**28**	

Table 5
Groundwater Analytical Results
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Monitoring Well	Date Sampled	EPA 8015M	EPA 8260B						
		TEPH (TPHd) (µg/L)	**CF (µg/L)**	**1,1-DCE (µg/L)**	**c-DCE (µg/L)**	**t-DCE (µg/L)**	**PCE (µg/L)**	**TCE (µg/L)**	**OTHER VOCs**
Cal EPA MCLs (µg/L)		210[1]	80[4]	6	6	10	5	5	See values at end of table
K-3	3/26/01	---	---	---	---	---	---	---	
K-3	5/17/01	**730**	10 U	10 U	**2000**	**140**	**43**	**77**	
K-3	8/21/01	**1400**	25 U	25 U	**960**	25 U	25 U	25 U	
K-3	12/18/01	**1500**	10 U	10 U	**480**	**34**	**28**	**66**	
K-3	2/28/02	**5100**	5.0 U	5.0 U	**630**	**28**	**99**	**27**	Vinyl Chloride (**21**)
K-3	6/4/02	---	---	---	---	---	---	---	
K-3	8/13/02	---	---	---	---	---	---	---	
K-3	11/12/02	**58000**	10 U	10 U	**160**	**14**	10 U	**100**	
K-3	3/11/03	**830**	2.5 U	2.5 U	**500**	**18**	**36**	**84**	Vinyl Chloride (**32**)
K-3	5/20/03	**690**	1.0 U	1.0 U	**240**	6	**8**	**15**	
K-3	8/26/03	**---**	---	---	**---**	**---**	**---**	**---**	
K-3	11/18/03	**430**	5.0 U	5.0 U	**390**	**14**	**54**	**90**	
K-3	3/23/04	**570**	2.5 U	2.5 U	**470**	**19**	**60**	**83**	Vinyl Chloride (**53**)
K-3	5/18/04	**580**	1.3	1.0 U	**370**	**17**	**62**	**85**	Vinyl Chloride (**26**)
K-3	8/17/04	**1300**	1.2	1.0 U	**190**	**11**	**64**	**92**	Vinyl Chloride (**14**)
K-3	11/16/04	**450**	1.4	2.0 U	**180**	**14**	**71**	**120**	Vinyl Chloride (**24**)
K-3	3/16/05	**420**	2.5 U	5.0 U	**370**	**17**	**22**	**54**	
K-3	6/14/05	**900**	2.5 U	5.0 U	**160**	**12**	**22**	**71**	Vinyl Chloride (**9.1**)
K-3	8/25/05	**860**	2.5 U	5.0 U	**140**	7.8	**61**	**78**	Vinyl Chloride (**17**)
K-3	12/22/05	---	---	---	---	---	---	---	(Obstructed)
K-3	5/31/06	---	---	---	---	---	---	---	(Obstructed)
K-3	9/15/06	---	---	---	---	---	---	---	(Obstructed)
K-3	12/22/06	---	---	---	---	---	---	---	(Obstructed)

ABBREVIATIONS / LEGEND:

B: Potential bias error, analyte detected in quality control blank
EPA: Environmental Protection Agency
J: Estimated value
µg/L: Micrograms per liter
MCL: California EPA Maximum Contaminant Level for drinking water August 2015
---: Not analyzed, not available, well lost, destroyed, or abandoned
U: Non-detect at or above method detection limit
VOCs: Volatile organic compounds
BOLD Indicates concentrations at or above listed screening levels
[1]: A Compilation of Water Quality Goals (August 2003 and updates), CalEPA RWQCB - Central Valley
[2]: California Office of Environmental Health Hazard Assessment Public Health Goal
[3]: Well K-3 not purged on 6/29/00 due to low walter level.
[4]: Chloroform, 2013 Tier 1 ESL = 80 ug/L

CF Chloroform
1,1-DCE: 1,1-dichloroethene
c-DCE: cis-1,2-dichloroethene
t-DCE: trans-1,2-dichloroethene
MTBE: Methyl tertiary butyl ether
1,1,1,2-PCA: 1,1,1,2-tetrachloroethane
1,1,2,2-PCA: 1,1,2,2-tetrachloroethane
PCE: Tetrachloroethene
TCE: Trichloroethene
TEPH: Total extractable petroleum hydrocarbons expressed as diesel

Screening Levels for Other VOCs (µg/L)

Methylene chloride = 5 ug/L (MCL)
Vinyl Chloride = 0.5 ug/L (MCL)
1,2-Dichlorobenzene = 600 ug/L (MCL)
1,2,4-Trichlorobenzene = 5 ug/L (MCL)
1,1,1,2-tetrachloroethane = 1.0 ug/L (MCL)

Table 6
Historical Natural Attenuation Parameters
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Well ID	Date	Daughter to Parent Ratio	Nitrate[1] (mg/L)	Nitrite[2] (mg/L)	Sulfate (mg/L)	Ferrous Iron (mg/L)	Methane (µg/L)	ORP[3] (mV)	DO[3] (mg/L)
MW-2	12/21/05	0.56	12	0.015 U	290	0.10 U	1.42	157	4.90
MW-2	05/31/06	NA	---	---	---	---	---	104	1.37
MW-2	09/14/06	0.86	11	0.015 U	290	0.10 U	0.00784 U	139	3.95
MW-2	12/22/06	0.48	---	---	---	---	---	104	6.64
MW-2	03/20/07	0.25	---	---	---	---	---	139	6.76
MW-2	06/19/07	0.53	---	---	---	---	---	191	5.48
MW-2	09/19/07	0.00	---	---	---	---	---	143	5.85
MW-2	01/02/08	0.63	---	---	---	---	---	137	4.80
MW-2	03/05/09	0.39	---	---	---	---	---	-10.0	4.95
MW-2	06/30/10	0.34	---	---	---	---	---	64.1	4.74
MW-2	03/06/13	NA	2.5	---	320	0.1 U	1.0 U	250	2.44
MW-2	11/11/13	NA	---	---	---	---	---	247	1.69
MW-2	03/11/14	NA	---	---	---	---	---	249	1.37
MW-3	12/21/05	0.56	9.8	0.015 U	260	0.10 U	0.06	152	5.50
MW-3	05/31/06	NA	11	0.015 U	290	0.10 U	0.09	-146	1.28
MW-3	09/14/06	0.86	9.5	0.015 U	300	0.10 U	0.0500J	138	3.95
MW-3	12/28/06	0.48	9.3	0.015 U	310	0.10 U	0.07	NR	NR
MW-3	03/21/07	0.25	10	0.015 U	320	0.10 U	0.08	107	4.51
MW-3	06/20/07	0.53	10	0.015 U	380	0.10 U	0.0700J	139	3.18
MW-3	09/19/07	0.00	9.9	0.015 U	350	0.10 U	0.100	138	6.36
MW-3	01/03/08	0.63	11	0.015 U	380	0.10 U	---	82.0	5.80
MW-3	09/05/08	0.39	---	---	---	---	---	139	4.20
MW-3	03/05/09	0.34	---	---	---	---	---	29.0	4.80
MW-3	12/21/09	0.66	---	---	---	---	---	-64.6	4.70
MW-3	06/30/10	0.30	---	---	---	---	---	67.0	4.62
MW-3	03/07/13	0.40	9.7	---	310	0.1 U	1.0 U	300	1.93
MW-3	11/11/13	0.43	---	---	---	---	---	241	1.99
MW-3	03/11/14	0.00	---	---	---	---	---	271	1.58
MW-3	09/11/14	0.00	---	---	---	---	---	245	1.56
MW-3	03/02/15	0.00	---	---	---	---	---	156	1.89
MW-3	10/19/15	0.00	---	---	---	---	---	197	1.14
MW-3	03/15/16	0.00	---	---	---	---	---	215	1.74
MW-7	12/22/05	2.34	7.5	0.015 U	330	0.10 U	0.29	-35.0	4.10
MW-7	05/31/06	NA	---	---	---	---	---	21.0	0.91
MW-7	09/15/06	NA	---	---	---	---	---	37.0	2.91
MW-7	12/22/06	3.36	---	---	---	---	---	-16.0	5.80
MW-7	03/21/07	4.23	---	---	---	---	---	-20.0	4.26
MW-7	06/20/07	3.15	---	---	---	---	---	-9.0	3.20
MW-7	09/19/07	3.47	---	---	---	---	---	44.0	5.20
MW-7	01/03/08	4.01	---	---	---	---	---	-70.0	4.20
MW-7	09/04/08	4.68	---	---	---	---	---	110	3.89
MW-7	03/05/09	5.16	---	---	---	---	---	-35.0	3.70
MW-7	12/21/09	4.16	---	---	---	---	---	-62.1	3.90
MW-7	06/30/10	4.21	---	---	---	---	---	110	3.81
MW-7	03/06/13	3.98	10	---	330	0.1 U	1.0 U	161	1.47
MW-7	11/11/13	2.69	---	---	---	---	---	285	2.14
MW-7	03/11/14	6.82	---	---	---	---	---	242	1.19
MW-7	09/11/14	3.91	---	---	---	---	---	243	1.74
MW-7	03/02/15	1.91	---	---	---	---	---	232	1.49
MW-7	10/19/15	1.39	---	---	---	---	---	159	1.19
MW-7	03/15/16	0.92	---	---	---	---	---	225	2.08
MW-8A	12/21/05	1.10	10	0.015 U	280	0.10 U	1.66	193	5.10
MW-8A	06/05/06	NA	---	---	---	---	---	123	4.01
MW-8A	09/14/06	NA	---	---	---	---	---	137	3.33
MW-8A	12/21/06	1.19	9.50	0.015 U	320	0.041 U	0.15	198	6.75

Table 6
Historical Natural Attenuation Parameters
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Well ID	Date	Daughter to Parent Ratio	Nitrate[1] (mg/L)	Nitrite[2] (mg/L)	Sulfate (mg/L)	Ferrous Iron (mg/L)	Methane (µg/L)	ORP[3] (mV)	DO[3] (mg/L)
MW-8A	03/20/07	0.00	10	0.015 U	320	0.10 U	0.22	117	6.87
MW-8A	06/19/07	0.64	10	0.015 U	380	0.10 U	0.00784 U	167	5.08
MW-8A	09/18/07	0.51	8.9	0.015 U	360	0.10 U	0.00784 U	125	9.34
MW-8A	01/02/08	0.82	11	0.015 U	380	0.10 U	---	149	4.60
MW-8A	03/05/09	1.09	---	---	---	---	---	9.7	5.08
MW-8A	06/30/10	0.48	---	---	---	---	---	80.1	5.30
MW-8A	03/06/13	0.00	9.8	---	330	0.1 U	1.0 U	235	2.69
MW-8A	11/12/13	0.00	---	---	---	---	---	254	1.84
MW-8A	03/12/14	NA	---	---	---	---	---	286	1.49
MW-9A	12/22/05	2.84	7.6	0.064J	290	0.67	1470	-259	0.50
MW-9A	05/31/06	NA	---	---	---	---	---	-300	0.00
MW-9A	09/15/06	NA	---	---	---	---	---	200	0.00
MW-9A	12/22/06	6.44	---	---	---	---	---	NR	NR
MW-9A	03/21/07	7.79	---	---	---	---	---	-334	0.42
MW-9A	06/20/07	5.29	---	---	---	---	---	-283	0.13
MW-9A	09/19/07	5.75	---	---	---	---	---	-334	3.61
MW-9A	01/03/08	4.87	---	---	---	---	---	-309	2.50
MW-9A	09/05/08	3.92	---	---	---	---	---	-176	0.35
MW-9A	03/04/09	8.48	---	---	---	---	---	-139	0.30
MW-9A	12/22/09	5.09	---	---	---	---	---	-301	0.67
MW-9A	06/29/10	6.20	---	---	---	---	---	-300	0.32
MW-9A	03/06/13	15.48	2.5	---	290	0.31	2070	-88.0	0.91
MW-9A	11/11/13	6.36	---	---	---	---	---	-28.0	0.77
MW-9A	03/11/14	10.13	---	---	---	---	---	42.0	0.47
MW-9A	03/03/15	8.41	---	---	---	---	---	4.0	0.59
MW-9A	03/15/16	7.63	---	---	---	---	---	33.0	0.77
MW-9B	12/22/05	0.00	0.096J	0.015 U	310	0.10 U	2100	-19.0	2.20
MW-9B	05/31/06	NA	---	---	---	---	---	42.0	0.39
MW-9B	09/15/06	NA	---	---	---	---	---	114	1.22
MW-9B	12/22/06	0.00	---	---	---	---	---	NR	NR
MW-9B	03/21/07	2.22	---	---	---	---	---	-307	0.23
MW-9B	06/20/07	NA	---	---	---	---	---	3.0	9.13
MW-9B	09/19/07	0.00	---	---	---	---	---	-121	5.40
MW-9B	01/03/08	0.00	---	---	---	---	---	-150	2.80
MW-9B	09/04/08	0.00	---	---	---	---	---	65.0	1.94
MW-9B	03/04/09	0.26	---	---	---	---	---	-2.0	1.60
MW-9B	12/22/09	0.34	---	---	---	---	---	15.6	1.76
MW-9B	06/29/10	3.20	---	---	---	---	---	-214	1.64
MW-9B	03/06/13	0.00	7.1	---	320	0.1 U	369	221	1.58
MW-9B	11/11/13	NA	---	---	---	---	---	308	2.18
MW-9B	03/11/14	NA	---	---	---	---	---	265	0.87
MW-9B	03/03/15	NA	---	---	---	---	---	206	1.85
MW-10A	12/22/05	15.0	2.1	0.072J	270	3.8	195	-328	0.20
MW-10A	05/31/06	21.8	1.7	0.11	270	0.61	88.4	-318	0.00
MW-10A	09/15/06	1.73	1.7	0.019J	240	0.32	132	-343	0.00
MW-10A	12/22/06	16.2	1.7	0.015 U	260	0.10 U	90.1	NR	NR
MW-10A	03/21/07	15.6	1.4	0.047	280	0.47	187	-339	0.45
MW-10A	06/20/07	17.2	1.8	0.047	320	0.10 U	25.7	-216	0.00
MW-10A	09/19/07	17.0	1.4	0.034	340	0.10 U	86.0	7.0	6.67
MW-10A	01/03/08	11.2	1.7	0.015 U	330	0.10 U	---	-220	3.20
MW-10A	09/05/08	13.3	---	---	---	---	---	-143	0.31
MW-10A	03/04/09	17.2	---	---	---	---	---	-95.0	0.22
MW-10A	12/22/09	9.13	---	---	---	---	---	-308	0.26
MW-10A	06/29/10	21.3	---	---	---	---	---	-204	0.14
MW-10A	03/06/13	8.87	0.4	---	290	0.67	124	57.0	1.97

Table 6
Historical Natural Attenuation Parameters
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Well ID	Date	Daughter to Parent Ratio	Nitrate[1] (mg/L)	Nitrite[2] (mg/L)	Sulfate (mg/L)	Ferrous Iron (mg/L)	Methane (µg/L)	ORP[3] (mV)	DO[3] (mg/L)
MW-10A	11/11/13	6.76	---	---	---	---	---	170	2.07
MW-10A	03/11/14	5.39	---	---	---	---	---	153	0.82
MW-10A	09/11/14	5.89	---	---	---	---	---	251	1.55
MW-10A	03/03/15	3.35	---	---	---	---	---	104	0.89
MW-10A	10/19/15	3.49	---	---	---	---	---	-169	0.72
MW-10A	03/15/16	4.54	---	---	---	---	---	128	1.07
MW-10B	12/22/05	4.56	0.82	0.015 U	200	0.10 U	0.78	-255	2.50
MW-10B	05/31/06	3.28	0.91	0.015 U	210	0.10 U	1.84	-277	0.00
MW-10B	09/15/06	2.12	0.88	0.015 U	210	0.10 U	0.390J	-250	0.21
MW-10B	12/22/06	2.49	0.86	0.015 U	210	0.10 U	0.06	NR	NR
MW-10B	03/21/07	2.03	0.94	0.015 U	220	0.10 U	0.29	-248	1.45
MW-10B	06/20/07	1.42	1.2	0.015 U	250	0.10 U	0.07	76.0	3.54
MW-10B	09/19/07	1.13	1.2	0.015 U	240	0.10 U	0.140	-65.0	4.66
MW-10B	01/03/08	0.91	1.5	0.015 U	270	0.10 U	---	17.0	2.30
MW-10B	09/05/08	1.03	---	---	---	---	---	-29.0	0.55
MW-10B	03/04/09	1.68	---	---	---	---	---	45.0	0.60
MW-10B	12/22/09	1.30	---	---	---	---	---	-248	0.59
MW-10B	06/29/10	1.21	---	---	---	---	---	-43.7	0.38
MW-10B	03/06/13	1.87	2.6	---	320	0.1 U	7.38	210	1.11
MW-10B	11/11/13	NA	---	---	---	---	---	216	2.23
MW-10B	03/11/14	NA	---	---	---	---	---	202	0.72
MW-10B	03/03/15	NA	---	---	---	---	---	202	1.89
MW-10B	03/15/16	NA	---	---	---	---	---	198	1.85
MW-11	09/05/08	3.93	---	---	---	---	---	128	4.36
MW-11	03/04/09	27.5	---	---	---	---	---	-7.0	4.30
MW-11	12/22/09	6.92	---	---	---	---	---	-72.0	4.27
MW-11	06/30/10	3.43	---	---	---	---	---	75.1	5.07
MW-11	03/07/13	3.97	9.7	---	300	0.1 U	1.0 U	296	1.60
MW-11	11/12/13	2.51	---	---	---	---	---	249	2.14
MW-11	03/12/14	0.00	---	---	---	---	---	256	1.54
MW-11	09/11/14	0.00	---	---	---	---	---	285	1.69
MW-11	03/02/15	0.00	---	---	---	---	---	202	1.83
MW-11	10/19/15	0.00	---	---	---	---	---	230	1.30
MW-11	03/15/16	0.00	---	---	---	---	---	179	1.56
MW-12	12/21/05	3.06	8.7	0.015 U	260	0.20	1.76	69.0	4.50
MW-12	05/31/06	NA	---	---	---	---	---	-212	1.60
MW-12	09/05/08	6.27	---	---	---	---	---	32.0	3.05
MW-12	03/04/09	7.75	---	---	---	---	---	-17.0	3.74
MW-12	12/22/09	4.97	---	---	---	---	---	-44.0	3.90
MW-12	06/29/10	20.1	---	---	---	---	---	-127	2.67
MW-12	03/06/13	6.71	9.4	---	300	0.1 U	1.0 U	206	2.51
MW-12	11/12/13	9.47	---	---	---	---	---	224	1.48
MW-12	03/12/14	8.38	---	---	---	---	---	260	1.83
MW-12	09/11/14	6.96	---	---	---	---	---	276	1.76
MW-12	03/03/15	2.05	---	---	---	---	---	244	1.97
MW-12	10/19/15	1.87	---	---	---	---	---	251	0.81
MW-12	03/15/16	0.79	---	---	---	---	---	222	1.55
MW-13A	12/21/05	2.54	7.2	0.015 U	310	0.10 U	2.57	181	1.30
MW-13A	06/05/06	4.79	6.9	0.015 U	280	0.10 U	0.130	125	0.22
MW-13A	09/14/06	3.74	6.8	0.015 U	280	0.10 U	0.160J	---	5.54
MW-13A	12/21/06	2.18	7.0	0.015 U	290	0.05	0.17	-242	4.18
MW-13A	03/20/07	1.75	8.2	0.015 U	320	0.10 U	0.19	92.0	2.92
MW-13A	06/19/07	2.50	8.5	0.015 U	360	0.10 U	0.170J	187	0.98
MW-13A	09/18/07	2.24	7.8	0.015 U	350	0.10 U	0.0400	142	7.57

Table 6
Historical Natural Attenuation Parameters
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Well ID	Date	Daughter to Parent Ratio	Nitrate[1] (mg/L)	Nitrite[2] (mg/L)	Sulfate (mg/L)	Ferrous Iron (mg/L)	Methane (µg/L)	ORP[3] (mV)	DO[3] (mg/L)
MW-13A	01/02/08	2.27	9.2	0.015 U	400	0.10 U	---	125	2.30
MW-13A	09/04/08	3.07	---	---	---	---	---	41.0	1.49
MW-13A	03/05/09	2.32	---	---	---	---	---	-14.0	1.09
MW-13A	12/21/09	1.70	---	---	---	---	---	-88.0	1.85
MW-13A	06/29/10	3.07	---	---	---	---	---	106	0.55
MW-13A	03/07/13	0.62	9.2	---	330	1.0 U	1.0 U	221	1.26
MW-13A	11/12/13	1.01	---	---	---	---	---	289	2.00
MW-13A	03/12/13	1.08	---	---	---	---	---	286	0.94
MW-13A	03/12/13	1.23	---	---	---	---	---	310	1.54
MW-13A	03/03/15	0.41	---	---	---	---	---	218	1.42
MW-13A	10/20/15	0.00	---	---	---	---	---	108	1.14
MW-13A	03/16/16	0.00	---	---	---	---	---	252	1.44
MW-13B	12/21/05	2.14	6.3	0.015 U	170	0.10 U	1.59	154	3.40
MW-13B	06/05/06	1.19	4	0.015 U	59	0.10 U	0.110	113	0.47
MW-13B	09/14/06	1.61	4.1	ND<0.15	73	0.10 U	0.140J	---	5.66
MW-13B	12/21/06	2.01	4.9	0.015 U	110	0.041 U	0.02	-85.0	3.96
MW-13B	03/20/07	2.53	5.0	0.015 U	130	0.10 U	0.07	105	3.06
MW-13B	06/19/07	2.90	5.8	0.015 U	180	0.10 U	0.00784 U	181	1.09
MW-13B	09/18/07	2.62	5.5	0.015 U	190	0.10 U	0.0800	126	7.34
MW-13B	01/02/08	2.03	7.7	0.015 U	220	0.10 U	---	155	2.80
MW-13B	09/04/08	0.67	---	---	---	---	---	74.0	2.37
MW-13B	03/05/09	0.41	---	---	---	---	---	-12.0	1.98
MW-13B	12/21/09	0.19	---	---	---	---	---	-11.0	2.84
MW-13B	06/29/10	0.15	---	---	---	---	---	151	1.45
MW-13B	03/07/13	0.00	0.14	---	32	0.617	4.60	144	1.50
MW-13B	11/11/13	0.18	---	---	---	---	---	299	1.48
MW-13B	03/12/14	0.13	---	---	---	---	---	286	0.92
MW-13B	09/12/14	0.90	---	---	---	---	---	304	1.48
MW-13B	03/03/15	0.21	---	---	---	---	---	239	1.92
MW-13B	10/20/15	2.07	---	---	---	---	---	98.0	0.99
MW-13B	03/16/16	0.00	---	---	---	---	---	254	2.02
MW-14	12/21/05	2.43	7.4	0.015 U	300	0.10 U	1.13	181	4.40
MW-14	06/05/06	NA	---	---	---	---	---	132	0.62
MW-14	09/14/06	4.16	---	---	---	---	---	---	6.33
MW-14	12/21/06	3.15	---	---	---	---	---	33.0	5.65
MW-14	03/20/07	2.45	---	---	---	---	---	122	6.44
MW-14	06/19/07	2.67	---	---	---	---	---	216	8.15
MW-14	09/18/07	2.87	---	---	---	---	---	147	5.50
MW-14	01/02/08	2.42	---	---	---	---	---	147	3.20
MW-14	09/04/08	4.70	---	---	---	---	---	208	4.01
MW-14	03/05/09	2.19	---	---	---	---	---	-4.0	4.40
MW-14	12/21/09	1.96	---	---	---	---	---	76.8	2.27
MW-14	06/29/10	3.29	---	---	---	---	---	137.8	0.65
MW-14	03/07/13	0.56	8.8	---	320	0.1 U	1.0 U	264	1.80
MW-14	11/12/13	0.98	---	---	---	---	---	211	1.55
MW-14	03/12/13	0.92	---	---	---	---	---	290	1.02
MW-14	09/12/14	0.92	---	---	---	---	---	277	1.84
MW-14	03/03/15	0.43	---	---	---	---	---	215	1.64
MW-14	10/20/15	0.25	---	---	---	---	---	111	1.16
MW-14	03/16/16	0.22	---	---	---	---	---	204	1.66
MW-15	12/21/05	6.52	5.0	0.015 U	260	0.10 U	1.68	206	2.10
MW-15	06/05/06	5.54	5.3	0.015 U	230	0.10 U	0.16	152	0.34
MW-15	09/14/06	8.51	4.7	0.015 U	240	0.10 U	0.130J	---	5.81
MW-15	12/21/06	7.24	5.4	0.015 U	270	0.041 U	0.15	11.0	3.84
MW-15	03/20/07	4.83	6.2	0.015 U	290	0.10 U	0.06	115	2.01

Table 6
Historical Natural Attenuation Parameters
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Well ID	Date	Daughter to Parent Ratio	Nitrate[1] (mg/L)	Nitrite[2] (mg/L)	Sulfate (mg/L)	Ferrous Iron (mg/L)	Methane (µg/L)	ORP[3] (mV)	DO[3] (mg/L)
MW-15	06/19/07	6.30	7.2	0.015 U	330	0.10 U	0.00784 U	197	0.62
MW-15	09/18/07	6.45	6.7	0.015 U	340	0.10 U	0.0400	149	4.79
MW-15	01/02/08	5.49	8.3	0.015 U	370	0.10 U	---	150	2.50
MW-15	09/04/08	9.33	---	---	---	---	---	131	0.93
MW-15	03/05/09	7.19	---	---	---	---	---	-18.0	0.87
MW-15	12/21/09	4.29	---	---	---	---	---	-93.0	1.70
MW-15	06/29/10	5.07	---	---	---	---	---	79.1	3.13
MW-15	03/07/13	3.20	7.5	---	290	0.1 U	1.0 U	297	1.37
MW-15	11/12/13	3.12	---	---	---	---	---	216	1.61
MW-15	03/12/13	3.19	---	---	---	---	---	296	1.05
MW-15	09/12/14	2.50	---	---	---	---	---	277	1.84
MW-15	03/03/15	1.44	---	---	---	---	---	242	1.65
MW-15	10/20/15	0.86	---	---	---	---	---	111	0.95
MW-15	03/16/16	0.70	---	---	---	---	---	200	1.82
MW-16A	06/05/06	59.9	1.9	0.015 U	240	0.10 U	1.23	52.0	7.71
MW-16A	09/15/06	4.48	1.2	0.095J	400	0.10 U	9.85	-78.0	0.00
MW-16A	12/28/06	13.5	0.028 U	0.015 U	240	0.10 U	0.36	NR	NR
MW-16A	03/21/07	14.7	3.9	0.015 U	290	1.1	0.52	-105	2.19
MW-16A	06/20/07	31.2	2.3	0.015 U	290	1.3	0.05	88.0	2.82
MW-16A	09/19/07	35.3	4.8	0.015 U	310	0.26	0.460	141	5.28
MW-16A	01/03/08	42.1	1.5	0.015 U	280	0.39	---	38.0	4.10
MW-16A	09/05/08	102	---	---	---	---	---	58.0	2.96
MW-16A	03/05/09	114	---	---	---	---	---	-12.0	3.35
MW-16A	12/22/09	69.6	---	---	---	---	---	-80.0	3.42
MW-16A	06/30/10	34.8	---	---	---	---	---	79.1	3.13
MW-16A	03/07/13	75.1	2.7	---	200	1.48	1.0 U	302	1.68
MW-16A	11/12/13	52.0	---	---	---	---	---	257	1.97
MW-16A	03/11/14	15.3	---	---	---	---	---	248	1.46
MW-16A	03/03/15	2.3	---	---	---	---	---	239	1.84
MW-16A	03/15/16	1.2	---	---	---	---	---	218	1.66
MW-16B	06/05/06	0.65	8.3	0.015 U	240	0.10 U	0.340	132	1.20
MW-16B	09/15/06	24.7	3.8	0.015 U	260	1.8	0.360J	-20.0	0.59
MW-16B	12/28/06	1.21	7.9	0.015 U	260	0.10 U	0.02	NR	NR
MW-16B	03/21/07	1.30	8.5	0.015 U	290	0.10 U	4.69	106	6.64
MW-16B	06/20/07	0.80	8.9	0.015 U	320	0.10 U	0.36	119	3.37
MW-16B	09/19/07	0.67	8.9	0.015 U	320	0.10 U	0.130	147	7.21
MW-16B	01/03/08	0.43	10	0.015 U	370	0.10 U	---	40.0	4.10
MW-16B	09/05/08	0.70	---	---	---	---	---	103	3.53
MW-16B	03/05/09	3.15	---	---	---	---	---	-18.0	3.39
MW-16B	12/22/09	4.47	---	---	---	---	---	-34.0	3.35
MW-16B	06/30/10	1.22	---	---	---	---	---	72.0	3.89
MW-16B	03/07/13	1.27	9.2	---	300	0.1 U	1.0 U	285	2.05
MW-16B	11/12/13	11.1	---	---	---	---	---	242	2.35
MW-16B	03/12/13	9.18	---	---	---	---	---	242	1.96
MW-16B	09/11/13	4.08	---	---	---	---	---	281	1.66
MW-16B	03/03/15	1.88	---	---	---	---	---	239	1.86
MW-16B	10/19/15	NA	---	---	---	---	---	207	1.30
MW-16B	03/15/16	0.60	---	---	---	---	---	232	2.00
MW-16C	06/05/06	3.71	1.6	0.33	330	0.10 U	11.9	60.0	0.00
MW-16C	09/15/06	0.67	8.0	0.015 U	250	0.10 U	0.160J	12.0	2.95
MW-16C	12/28/06	4.09	1.1	0.015 U	420	0.10 U	0.05	NR	NR
MW-16C	03/21/07	4.59	1.2	0.015 U	430	0.10 U	0.04	69.0	0.87
MW-16C	06/20/07	3.49	1.1	0.015 U	480	0.10 U	1.62	7.0	0.00
MW-16C	09/19/07	1.76	1.3	0.015 U	470	0.10 U	0.360	75.0	5.00
MW-16C	01/03/08	1.90	1.4	0.015 U	500	0.10 U	---	-44.0	2.40

Table 6
Historical Natural Attenuation Parameters
First Semi-Annual 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Well ID	Date	Daughter to Parent Ratio	Nitrate[1] (mg/L)	Nitrite[2] (mg/L)	Sulfate (mg/L)	Ferrous Iron (mg/L)	Methane (µg/L)	ORP[3] (mV)	DO[3] (mg/L)
MW-16C	09/05/08	2.65	---	---	---	---	---	30.0	0.25
MW-16C	03/05/09	3.20	---	---	---	---	---	-22.8	0.20
MW-16C	12/22/09	1.83	---	---	---	---	---	-113	0.24
MW-16C	06/30/10	1.83	---	---	---	---	---	64.3	0.40
MW-16C	03/07/13	NA	0.52	---	440	0.1 U	1.0 U	285	2.05
MW-16C	11/12/13	NA	---	---	---	---	---	221	2.30
MW-16C	03/12/14	NA	---	---	---	---	---	234	0.80
MW-16C	03/02/15	NA	---	---	---	---	---	239	1.86
MW-16C	03/15/16	NA	---	---	---	---	---	249	1.84
K-1	12/21/05	5.33	9.9	0.015 U	280	0.10 U	0.46	81.0	6.20
K-1	05/31/06	NA	---	---	---	---	---	-36.0	2.03
K-1	09/15/06	NA	---	---	---	---	---	119	5.33
K-1	12/22/07	6.54	---	---	---	---	---	21.0	8.90
K-1	03/20/07	3.72	---	---	---	---	---	63.0	5.63
K-1	06/20/07	5.19	---	---	---	---	---	59.0	4.57
K-1	09/19/07	4.47	---	---	---	---	---	94.0	6.86
K-1	01/03/08	5.38	---	---	---	---	---	0.0	4.80
K-1	09/05/08	3.67	---	---	---	---	---	112	4.29
K-1	03/05/09	11.4	---	---	---	---	---	-9.0	4.40
K-1	12/21/09	3.21	---	---	---	---	---	-63.0	4.52
K-1	06/30/10	7.19	---	---	---	---	---	49.0	4.80
K-1	03/06/13	0.00	9.5	---	330	0.1 U	1.0 U	189	3.10
K-1	11/12/13	1.06	---	---	---	---	---	186	1.27
K-1	03/11/14	1.30	---	---	---	---	---	286	1.60
K-1	09/11/14	NA	---	---	---	---	---	205	1.48
K-1	03/02/15	NA	---	---	---	---	---	240	1.70
K-1	10/19/15	NA	---	---	---	---	---	223	0.96
K-1	03/15/16	0.00	---	---	---	---	---	246	1.62
K-2	12/21/05	1.71	9.8	0.015 U	300	0.10 U	0.44	148	6.40
K-2	05/31/06	NA	---	---	---	---	---	125	6.08
K-2	09/15/06	NA	---	---	---	---	---	130	4.95
K-2	12/22/06	1.69	---	---	---	---	---	73.0	9.09
K-2	03/20/07	0.93	---	---	---	---	---	76.0	4.57
K-2	06/19/07	1.52	---	---	---	---	---	104	5.41
K-2	09/19/07	1.06	---	---	---	---	---	135	6.91
K-2	01/03/08	1.03	---	---	---	---	---	-6.0	5.20
K-2	Abandoned 7/28/08								

Notes:
DO = Dissolved oxygen
mg/L = milligrams per liter
ORP = Oxidation-reduction potential in millivolts
NA = Not applicable
U = Not detected at or above method detection limit
--- = Not sampled
NR = No Purge Record
Daughter to Parent Ratio = (CF+VC+cisDCE+trans-1,2-DCE+TCE)/(PCE)

1. Nitrate, reported as nitrogen
2. Nitrite, reported as nitrogen
3. ORP and DO were measured in field after purging wells using down hole instrumentation or flow cell

Table 7
Soil Vapor Analytical Results
January 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Soil Vapor Well (ft bgs)	Sample Date	EPA 8260					
		PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	VINYL CHLORIDE	OTHERS
Proposed Soil Gas Cleanup Goals 5 feet bgs (µg/m^3)		**42,000**	**15,000**	**47,000**	NA	**2,200**	
Proposed Soil Gas Cleanup Goals 10 feet bgs (µg/m^3)		**70,000**	**23,000**	**70,000**	NA	**3,200**	
Proposed Soil Gas Cleanup Goals 20 feet bgs (µg/m^3)		**125,000**	**40,000**	**116,000**	NA	**5,100**	
Proposed Soil Gas Cleanup Goals 30 feet bgs (µg/m^3)		**180,000**	**57,000**	**163,000**	NA	**7,100**	
VP-1-5	7/23/2008	**240,000**	4,900	200 U	200 U	100 U	
VP-1-5	3/17/2011	**180,000**	1,900	500 U	500 U	40 U	
VP-1-5	9/14/2011	**140,000**	1,100	100 U	1000 U	80 U	
VP-1-5	3/22/2012	**160,000**	1,900	500 U	500 U	40 U	
VP-1-5	9/6/2012	**220,000**	1,300	2000 U	2000 U	200 U	
VP-1-5	3/6/2013	**260,000**	3,800	580	400 U	40 U	
VP-1-5	10/30/2013	**220,000**	3,000	400 U	400 U	40 U	
VP-1-5	3/11/2014	10,000	80 U	400 U	400 U	40 U	
VP-1-5	9/11/2014	6,000	80 U	400 U	400 U	40 U	
VP-1-5	3/3/2015	2,800	80 U	400 U	400 U	40 U	
VP-1-5	10/19/2015	5,000	80 U	400 U	400 U	40 U	
VP-1-5	1/18/2016	5,300	80	400 U	400 U	40 U	
VP-1-5 (DUP)	9/6/2012	**190,000**	1,000	2000 U	2000 U	200 U	
VP-1-10	7/23/2008	**540,000**	11,000	480	400 U	200 U	
VP-1-10	3/17/2011	**670,000**	5,200	500 U	500 U	500 U	
VP-1-10	9/14/2011	**430,000**	3,100	500 U	500 U	400 U	
VP-1-10	3/21/2012	**430,000**	5,100	500 U	500 U	40 U	
VP-1-10	9/6/2012	**690,000**	3,100	2500 U	2500 U	250 U	
VP-1-10	3/6/2013	**410,000**	9,000	1,500	400 U	40 U	
VP-1-10	10/30/2013	**520,000**	8,300	1,600	400 U	40 U	
VP-1-10	3/11/2014	33,000	80 U	400 U	400 U	40 U	
VP-1-10	9/11/2014	27,000	80 U	400 U	400 U	40 U	
VP-1-10	3/3/2015	10,000	80 U	400 U	400 U	40 U	
VP-1-10	10/19/2015	8,500	90	400 U	400 U	40 U	
VP-1-10	1/18/2016	16,000	200	400 U	400 U	40 U	
VP-1-20	7/23/2008	**630,000** **E**	32,000	7,600	1,800	200 U	1,1,2,2-TCA = 1,100
VP-1-20	3/17/2011	**2,700,000** **E**	19,000	1,400	520	40 U	
VP-1-20	9/14/2011	**710,000**	5,500	500 U	500 U	400 U	
VP-1-20	3/21/2012	**1,700,000**	17,000	2,500	750	40 U	
VP-1-20	9/6/2012	**1,400,000**	15,000	20000 U	20000 U	2000 U	
VP-1-20	3/6/2013	**1,200,000**	17,000	20000 U	20000 U	2000 U	
VP-1-20	10/30/2013	**800,000**	23,000	19,000	2,500	40 U	chloroform = 90
VP-1-20	3/11/2014	38,000	290	400 U	400 U	40 U	
VP-1-20	9/11/2014	63,000	200	400 U	400 U	40 U	
VP-1-20	3/3/2015	940	80 U	400 U	400 U	40 U	
VP-1-20	10/19/2015	34,000	260	400 U	400 U	40 U	
VP-1-20	1/18/2016	33,000	390	400 U	400 U	40 U	
VP-1-30	7/23/2008	**710,000** **E**	**110,000**	49,000	8,800	200 U	1,1,2,2-TCA = 1,600
VP-1-30	3/17/2011	**3,000,000** **E**	43,000	12,000	10,000 U	1000 U	
VP-1-30	9/14/2011	**850,000**	17,000	500 U	5,000 U	400 U	
VP-1-30	3/21/2012	**1,800,000**	41,000	18,000	2,900	40 U	
VP-1-30	9/6/2012	**1,900,000**	51,000	40000 U	40000 U	4000 U	
VP-1-30	3/6/2013	**780,000**	28,000	34,000	20000 U	2000 U	
VP-1-30	10/30/2013	**1,100,000**	55,000	63,000	6,600	40 U	chloroform = 130
VP-1-30	3/11/2014	66,000	1000 U	5000 U	5000 U	500 U	
VP-1-30	9/11/2014	65,000	210	400 U	400 U	40 U	
VP-1-30	3/3/2015	15,000	100	400 U	400 U	40 U	
VP-1-30	10/20/2015	39,000	300	400 U	400 U	40 U	
VP-1-30	1/18/2016	47,000	410	400 U	400 U	40 U	
VP-1-30 (DUP)	3/6/2013	**910,000**	31,000	35,000	20000 U	2000 U	
VP-1-30 (DUP)	9/11/2014	59,000	190	400 U	400 U	40 U	
VP-2-5	7/25/2008	15,000	2,500	2,600	800 U	400 U	

Table 7
Soil Vapor Analytical Results
January 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Soil Vapor Well (ft bgs)	Sample Date	EPA 8260					
		PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	VINYL CHLORIDE	OTHERS
Proposed Soil Gas Cleanup Goals 5 feet bgs (µg/m^3)		**42,000**	**15,000**	**47,000**	NA	**2,200**	
Proposed Soil Gas Cleanup Goals 10 feet bgs (µg/m^3)		**70,000**	**23,000**	**70,000**	NA	**3,200**	
Proposed Soil Gas Cleanup Goals 20 feet bgs (µg/m^3)		**125,000**	**40,000**	**116,000**	NA	**5,100**	
Proposed Soil Gas Cleanup Goals 30 feet bgs (µg/m^3)		**180,000**	**57,000**	**163,000**	NA	**7,100**	
VP-2-5	3/18/2011	4,300	1,100	500 U	500 U	40 U	
VP-2-5	9/15/2011	2,300	910	990	500 U	40 U	
VP-2-5	3/22/2012	4,500	2,800	6,300	500 U	40 U	
VP-2-5	9/7/2012	1,400	590	1,300	400 U	40 U	
VP-2-5	3/7/2013	3,000	820	590	400 U	40 U	
VP-2-5	10/31/2013	2,400	530	400 U	400 U	40 U	
VP-2-5	3/10/2014	220	80 U	400 U	400 U	40 U	
VP-2-5	9/11/2014	200	80 U	400 U	400 U	40 U	
VP-2-5	3/3/2015	130	80 U	400 U	400 U	40 U	
VP-2-5	10/20/2015	360	80 U	400 U	400 U	40 U	
VP-2-10	7/25/2008	16,000	3,400	6,000	800 U	400 U	
VP-2-10	3/18/2011	2,300	760	500 U	500 U	40 U	
VP-2-10	9/15/2011	3,300	1,400	3,300	500 U	40 U	
VP-2-10	3/22/2012	3,900	2,400	7,800	510	40 U	
VP-2-10	9/7/2012	2,900	1,300	4,100	400 U	40 U	
VP-2-10	3/7/2013	2,100	680	450	400 U	40 U	
VP-2-10	10/31/2013	3,100	720	400 U	400 U	40 U	
VP-2-10	3/10/2014	500	80 U	400 U	400 U	40 U	
VP-2-10	9/11/2014	520	80 U	400 U	400 U	40 U	
VP-2-10	3/3/2015	240	80 U	400 U	400 U	40 U	
VP-2-10	10/20/2015	350	80 U	400 U	400 U	40 U	
VP-2-20	7/25/2008	21,000	5,200	23,000	1,600	400 U	
VP-2-20	3/18/2011	3,100	1,900	1,700	500 U	40 U	
VP-2-20	9/15/2011	5,500	3,000	16,000	1,100	40 U	benzene = 200
VP-2-20	3/22/2012	3,600	2,100	9,600	560	40 U	
VP-2-20	9/7/2012	3,500	1,600	9,000	640	40 U	
VP-2-20	3/7/2013	2,100	540	410	400 U	40 U	
VP-2-20	10/31/2013	2,800	620	400 U	400 U	40 U	
VP-2-20	3/10/2014	500	80 U	400 U	400 U	40 U	
VP-2-20	9/11/2014	740	80 U	400 U	400 U	40 U	
VP-2-20	3/3/2015	250	80 U	400 U	400 U	40 U	
VP-2-20	10/20/2015	410	80 U	400 U	400 U	40 U	
VP-2-30	7/25/2008	29,000	10,000	83,000	5,400	400 U	1,1,2,2-TCA = 1,800
VP-2-30	3/18/2011	5,500	9,800	28,000	1,600	40 U	
VP-2-30	9/15/2011	8,000	11,000	75,000	5,100	40 U	benzene = 210
VP-2-30	3/22/2012	6,300	5,900	56,000	3,300	40 U	
VP-2-30	9/7/2012	4,200	2,000	24,000	2,000	40 U	
VP-2-30	3/7/2013	2,300	720	1,600	570	40 U	
VP-2-30	10/31/2013	3,100	680	400 U	400 U	40 U	
VP-2-30	3/10/2014	330	80 U	400 U	400 U	40 U	
VP-2-30	9/11/2014	300	80 U	400 U	400 U	40 U	
VP-2-30	3/3/2015	140	80 U	400 U	400 U	40 U	
VP-2-30	10/20/2015	510	80	400 U	400 U	40 U	
VP-3-5	7/24/2008	32,000	3,200	1,300	800 U	400 U	1,1,2,2-TCA = 2,600
VP-3-5	3/17/2011	12,000	3,500	500 U	500 U	40 U	
VP-3-5	9/14/2011	15,000	2,800	500 U	500 U	40 U	
VP-3-5	3/22/2012	11,000	4,400	790	500 U	40 U	
VP-3-5	9/6/2012	10,000	3,300	850	400 U	40 U	
VP-3-5	3/6/2013	3,000	2,500	2,100	400 U	40 U	
VP-3-5	10/31/2013	4,800	3,000	2,600	400 U	40 U	

Table 7
Soil Vapor Analytical Results
January 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Soil Vapor Well (ft bgs)	Sample Date	EPA 8260					
		PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	VINYL CHLORIDE	OTHERS
Proposed Soil Gas Cleanup Goals 5 feet bgs (µg/m^3)		**42,000**	**15,000**	**47,000**	NA	**2,200**	
Proposed Soil Gas Cleanup Goals 10 feet bgs (µg/m^3)		**70,000**	**23,000**	**70,000**	NA	**3,200**	
Proposed Soil Gas Cleanup Goals 20 feet bgs (µg/m^3)		**125,000**	**40,000**	**116,000**	NA	**5,100**	
Proposed Soil Gas Cleanup Goals 30 feet bgs (µg/m^3)		**180,000**	**57,000**	**163,000**	NA	**7,100**	
VP-3-5	3/11/2014	660	80 U	400 U	400 U	40 U	
VP-3-5	9/11/2014	670	80 U	400 U	400 U	40 U	
VP-3-5	3/2/2015	110	80 U	400 U	400 U	40 U	
VP-3-5	10/19/2015	210	110	400 U	400 U	40 U	
VP-3-5	1/18/2016	280	80 U	400 U	400 U	40 U	
VP-3-10	7/24/2008	37,000	400 U	800 U	800 U	400 U	
VP-3-10	3/17/2011	27,000	8,500	500 U	500 U	40 U	
VP-3-10	9/14/2011	26,000	6,600	500 U	500 U	40 U	
VP-3-10	3/22/2012	30,000	12,000	3,600	500 U	40 U	
VP-3-10	9/6/2012	23,000	7,400	3,400	400 U	40 U	
VP-3-10	3/6/2013	13,000	7,300	6,400	400 U	40 U	
VP-3-10	10/31/2013	420 *	80 U	400 U	400 U	40 U	
VP-3-10	3/11/2014	1,500	110	400 U	400 U	40 U	
VP-3-10	9/11/2014	880	100	400 U	400 U	40 U	
VP-3-10	3/2/2015	110	80 U	400 U	400 U	40 U	
VP-3-10	10/19/2015	460	190	400 U	400 U	40 U	
VP-3-10	1/18/2016	800	160	400 U	400 U	40 U	Benzene = 80
VP-3-10 (DUP)	3/22/2012	30,000	12,000	3,400	500 U	40 U	
VP-3-20	7/24/2008	120,000	31,000	28,000	2,200	400 U	1,1,2,2-TCA = 3,000
VP-3-20	3/17/2011	**170,000**	**56,000**	9,400	1,100	40 U	
VP-3-20	9/13/2011	**130,000**	**41,000**	9,200	2,000 U	160 U	
VP-3-20	3/21/2012	**130,000**	**52,000**	32,000	3300 U	260 U	
VP-3-20	9/6/2012	68,000	26,000	23,000	5000 U	500 U	
VP-3-20	3/6/2013	45,000	27,000	34,000	2,200	40 U	
VP-3-20	10/31/2013	57,000	25,000	36,000	2,000	40 U	
VP-3-20	3/11/2014	9,800	1,600	400 U	400 U	40 U	
VP-3-20	9/11/2014	7,300	840	400 U	400 U	40 U	
VP-3-20	3/2/2015	1,200	740	400 U	400 U	40 U	
VP-3-20	10/19/2015	4,100	1,100	400 U	400 U	40 U	
VP-3-20	1/18/2016	8,100	1,800	670	400 U	40 U	benzene = 80
VP-3-30	7/24/2008	100,000	14,000	130,000	7,000	400 U	1,1,2,2-TCA = 4,300
VP-3-30	3/17/2011	160,000	**60,000**	9,100	2,000 U	200 U	
VP-3-30	9/14/2011	35,000	8,100	120,000	5,100	160 U	
VP-3-30	3/21/2012	6,100	1,800	20,000	900	40 U	
VP-3-30	9/6/2012	22,000	4,400	44,000	1,900	60	
VP-3-30	3/6/2013	35,000	13,000	77,000	5,100	100	
VP-3-30	10/31/2013	29,000	9,700	48,000	3,900	270	
VP-3-30	3/11/2014	18,000	44,000	20000 U	20000 U	2000 U	
VP-3-30	9/11/2014	81,000	42,000	5,100	20000 U	100 U	
VP-3-30	9/12/2014	89,000	48,000	5,800	1000 U	100 U	
VP-3-30	3/2/2015	53,000	13,000	1,200	400 U	40 U	
VP-3-30	10/19/2015	11,000	5,200	65,000	400 U	40 U	chloroform = 90
VP-3-30	1/18/2016	16,000	6,200	70,000	400 U	40 U	
VP-3-30 (DUP)	10/31/2013	28,000	8,900	45,000	3,700	250	
VP-4-5	7/24/2008	25,000	500 U	1,000 U	1,000 U	500 U	
VP-4-5	3/17/2011	11,000	230	500 U	500 U	40 U	
VP-4-5	9/14/2011	18,000	540	500 U	500 U	40 U	
VP-4-5	3/21/2012	19,000	440	500 U	500 U	40 U	
VP-4-5	9/6/2012	13,000	290	400 U	400 U	40 U	
VP-4-5	3/6/2013	13,000	340	400 U	400 U	40 U	
VP-4 Abandoned October 25, 2013							

Table 7
Soil Vapor Analytical Results
January 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Soil Vapor Well (ft bgs)	Sample Date	EPA 8260					
		PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	VINYL CHLORIDE	OTHERS
Proposed Soil Gas Cleanup Goals 5 feet bgs (µg/m^3)		**42,000**	**15,000**	**47,000**	NA	**2,200**	
Proposed Soil Gas Cleanup Goals 10 feet bgs (µg/m^3)		**70,000**	**23,000**	**70,000**	NA	**3,200**	
Proposed Soil Gas Cleanup Goals 20 feet bgs (µg/m^3)		**125,000**	**40,000**	**116,000**	NA	**5,100**	
Proposed Soil Gas Cleanup Goals 30 feet bgs (µg/m^3)		**180,000**	**57,000**	**163,000**	NA	**7,100**	
VP-4-5 (DUP)	3/21/2012	19,000	470	500 U	500 U	40 U	
VP-4-10	7/24/2008	42,000	2,600	1,000 U	1,000 U	500 U	
VP-4-10	3/17/2011	Well blocked, no samples obtained					
VP-4-10	9/14/2011	Well blocked, no samples obtained					
VP-4-10	3/21/2012	Well blocked, no samples obtained					
VP-4-10	9/6/2012	Well blocked, no samples obtained					
VP-4-10	3/6/2013	Well blocked, no samples obtained					
		VP-4 Abandoned October 25, 2013					
VP-4-20	7/24/2008	**150,000**	16,000	8,600	2,000	500 U	
VP-4-20	3/17/2011	Well blocked, no samples obtained					
VP-4-20	9/14/2011	Well blocked, no samples obtained					
VP-4-20	3/21/2012	Well blocked, no samples obtained					
VP-4-20	9/6/2012	Well blocked, no samples obtained					
VP-4-20	3/6/2013	Well blocked, no samples obtained					
		VP-4 Abandoned October 25, 2013					
VP-4-30	7/24/2008	120,000	13,000	16,000	3,000	500 U	
VP-4-30	3/17/2011	33,000	7,900	9,700	2,300	40 U	
VP-4-30	9/14/2011	79,000	7,400	2,700	870	40 U	
VP-4-30	3/21/2012	Well blocked, no samples obtained					
VP-4-30	9/6/2012	170,000	5,200	8,600	750	40 U	
VP-4-30	3/6/2013	120,000	12,000	120,000	7,600	40 U	
		VP-4 Abandoned October 25, 2013					
VP-4-30 (DUP)	3/17/2011	30,000	7,400	9,100	2,100	40 U	
VP-4-30 (DUP)	9/14/2011	79,000	7,000	2,400	810	40 U	
		VP-4 Abandoned October 25, 2013					
VP-4R-5	10/30/2013	41,000	1,400	400 U	400 U	40 U	
VP-4R-5	3/10/2014	80 U	80 U	400 U	400 U	40 U	
VP-4R-5	9/11/2014	880	80 U	400 U	400 U	40 U	
VP-4R-5	3/3/2015	80 U	80 U	400 U	400 U	40 U	
VP-4R-5	10/19/2015	460	80 U	400 U	400 U	40 U	
VP-4R-5	1/19/2016	490	80 U	400 U	400 U	40 U	
VP-4R-5 (DUP)	10/30/2013	42,000	1,500	400 U	400 U	40 U	
VP-4R-5 (DUP)	3/10/2014	80 U	80 U	400 U	400 U	40 U	
VP-4R-10	10/30/2013	**170,000**	5,800	400 U	670	40 U	
VP-4R-10	3/10/2014	640	80 U	400 U	400 U	40 U	
VP-4R-10	9/11/2014	660	80 U	400 U	400 U	40 U	
VP-4R-10	3/3/2015	120	80 U	400 U	400 U	40 U	
VP-4R-10	10/19/2015	1,900	80 U	400 U	400 U	40 U	
VP-4R-10	1/19/2016	2,000	80 U	400 U	400 U	40 U	
VP-4R-10 (DUP)	1/19/2016	1,900	80 U	400 U	400 U	40 U	
VP-4R-20	10/30/2013	**260,000**	21,000	5,600	4,200	40 U	
VP-4R-20	3/10/2014	500	80 U	400 U	400 U	40 U	
VP-4R-20	9/11/2014	540	80 U	400 U	400 U	40 U	
VP-4R-20	3/3/2015	230	80 U	400 U	400 U	40 U	
VP-4R-20	10/19/2015	4,700	160	400 U	400 U	40 U	
VP-4R-20	1/19/2016	5,300	190	400 U	400 U	40 U	
VP-4R-30	10/30/2013	**280,000**	38,000	11,000	16,000	40 U	
VP-4R-30	3/11/2014	600	80 U	400 U	400 U	40 U	

Table 7
Soil Vapor Analytical Results
January 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Soil Vapor Well (ft bgs)	Sample Date	EPA 8260					
		PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	VINYL CHLORIDE	OTHERS
Proposed Soil Gas Cleanup Goals 5 feet bgs (µg/m^3)		**42,000**	**15,000**	**47,000**	NA	**2,200**	
Proposed Soil Gas Cleanup Goals 10 feet bgs (µg/m^3)		**70,000**	**23,000**	**70,000**	NA	**3,200**	
Proposed Soil Gas Cleanup Goals 20 feet bgs (µg/m^3)		**125,000**	**40,000**	**116,000**	NA	**5,100**	
Proposed Soil Gas Cleanup Goals 30 feet bgs (µg/m^3)		**180,000**	**57,000**	**163,000**	NA	**7,100**	
VP-4R-30	9/11/2014	690	80 U	400 U	400 U	40 U	benzene = 90
VP-4R-30	3/3/2015	910	80 U	400 U	400 U	40 U	
VP-4R-30	10/19/2015	5,400	140	400 U	400 U	40 U	
VP-4R-30	1/19/2016	7,100	170	400 U	400 U	40 U	
VP-5-5	7/25/2008	9,600	3,800	800 U	800 U	400 U	
VP-5-5	3/17/2011	5,000	3,400	500 U	500 U	40 U	
VP-5-5	9/15/2011	4,300	1,800	500 U	500 U	40 U	
VP-5-5	3/22/2012	4,300	2,700	500 U	500 U	40 U	
VP-5-5	9/6/2012	4,200	2,200	400 U	400 U	40 U	
VP-5-5	3/7/2013	2,200	1,900	470	400 U	40 U	
VP-5-5	10/31/2013	3,600	1,800	400 U	400 U	40 U	
VP-5-5	3/10/2014	80 U	80 U	400 U	400 U	40 U	chloroform = 180
VP-5-5	9/12/2014	80 U	80 U	400 U	400 U	40 U	
VP-5-5	3/2/2015	80 U	80 U	400 U	400 U	40 U	
VP-5-5	10/19/2015	400	80 U	400 U	400 U	40 U	
VP-5-5	1/18/2016	320	80 U	400 U	400 U	40 U	benzene = 80
VP-5-5	9/12/2014	80 U	80 U	400 U	400 U	40 U	
VP-5-10	7/25/2008	16,000	9,700	4,400	800 U	400 U	
VP-5-10	3/17/2011	9,900	6,900	500 U	500 U	40 U	
VP-5-10	9/15/2011	8,000	3,600	500 U	500 U	40 U	
VP-5-10	3/22/2012	10,000	8,000	600	500 U	40 U	
VP-5-10	9/6/2012	6,000	3,900	400 U	400 U	40 U	
VP-5-10	3/7/2013	6,600	5,400	2,000	400 U	40 U	
VP-5-10	10/31/2013	6,800	4,400	1,900	400 U	40 U	
VP-5-10	3/10/2014	80 U	80 U	400 U	400 U	40 U	chloroform = 90
VP-5-10	9/12/2014	80 U	80 U	400 U	400 U	40 U	
VP-5-10	3/2/2015	80 U	80 U	400 U	400 U	40 U	
VP-5-10	10/19/2015	570	80 U	400 U	400 U	40 U	
VP-5-10	1/18/2016	590	80 U	400 U	400 U	40 U	benzene = 80
VP-5-10 (DUP)	3/2/2015	80 U	80 U	400 U	400 U	40 U	
VP-5-20	7/25/2008	35,000	28,000	29,000	2,000	400 U	
VP-5-20	3/17/2011	36,000	35,000	6,300	1,100	40 U	
VP-5-20	9/15/2011	25,000	17,000	3,700	580	40 U	benzene = 160
VP-5-20	3/22/2012	26,000	26,000	12,000	1,500	40 U	
VP-5-20	9/7/2012	17,000	13,000	6,800	540	40 U	
VP-5-20	3/7/2013	18,000	18,000	15,000	1,700	40 U	
VP-5-20	10/31/2013	15,000	12,000	15,000	1,100	40 U	
VP-5-20	3/10/2014	140	80 U	400 U	400 U	40 U	
VP-5-20	9/12/2014	1,800	140	400 U	400 U	40 U	
VP-5-20	3/2/2015	1,600	90	400 U	400 U	40 U	
VP-5-20	10/19/2015	1,300	150	400 U	400 U	40 U	
VP-5-20	1/18/2016	1,200	250	400 U	400 U	40 U	
VP-5-20 (DUP)	10/19/2015	1,100	130	400 U	400 U	40 U	
VP-5-30	7/25/2008	25,000	14,000	23,000	3,400	480	1,1,2,2-TCA = 3,000
VP-5-30	3/18/2011	16,000	13,000	4,000	730	40 U	
VP-5-30	9/15/2011	14,000	8,700	2,800	650	40 U	benzene = 210
VP-5-30	3/22/2012	15,000	9,400	5,500	820	40 U	
VP-5-30	9/7/2012	14,000	6,600	3,200	400	40 U	
VP-5-30	3/7/2013	12,000	6,400	3,700	490	40 U	
VP-5-30	10/31/2013	8,000	4,200	3,300	400 U	40 U	
VP-5-30	3/10/2014	190	80 U	400 U	400 U	40 U	

Table 7
Soil Vapor Analytical Results
January 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Soil Vapor Well (ft bgs)	Sample Date	EPA 8260					
		PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	VINYL CHLORIDE	OTHERS
Proposed Soil Gas Cleanup Goals 5 feet bgs (µg/m^3)		**42,000**	**15,000**	**47,000**	NA	**2,200**	
Proposed Soil Gas Cleanup Goals 10 feet bgs (µg/m^3)		**70,000**	**23,000**	**70,000**	NA	**3,200**	
Proposed Soil Gas Cleanup Goals 20 feet bgs (µg/m^3)		**125,000**	**40,000**	**116,000**	NA	**5,100**	
Proposed Soil Gas Cleanup Goals 30 feet bgs (µg/m^3)		**180,000**	**57,000**	**163,000**	NA	**7,100**	
VP-5-30	9/12/2014	200 U	200 U	1000 U	1000 U	100 U	
VP-5-30	3/2/2015	470	80 U	400 U	400 U	40 U	
VP-5-30	10/19/2015	1,200	160	400 U	400 U	40 U	
VP-5-30	1/18/2016	1,500	290	400 U	400 U	40 U	
VP-5-30 (DUP)	3/18/2011	15,000	13,000	4,000	720	40 U	
VP-5-30 (DUP)	9/15/2011	14,000	8,600	2,700	680	40 U	benzene = 320
VP-6-5	7/24/2008	**60,000**	4,000	1,700	400 U	200 U	
VP-6-5	3/17/2011	100 U	100 U	500 U	500 U	40 U	
VP-6-5	9/14/2011	9,000	440	500 U	500 U	40 U	
VP-6-5	3/21/2012	4,200	290	500 U	500 U	40 U	
VP-6-5	9/6/2012	5,300	230	400 U	400 U	40 U	
VP-6-5	3/6/2013	2,000	140	400 U	400 U	40 U	
VP-6-5	10/31/2013	4,600	270	400 U	400 U	40 U	
VP-6-5	3/10/2014	90	80 U	400 U	400 U	40 U	
VP-6-5	9/12/2014	150	80 U	400 U	400 U	40 U	
VP-6-5	3/2/2015	80 U	80 U	400 U	400 U	40 U	
VP-6-5	10/19/2015	510	80 U	400 U	400 U	40 U	
VP-6-5	1/18/2016	270	80 U	400 U	400 U	40 U	
VP-6-10	7/24/2008	54,000	5,500	3,600	400 U	200 U	
VP-6-10	3/17/2011	4,800	610	500 U	500 U	40 U	
VP-6-10	9/14/2011	15,000	1,000	500 U	500 U	40 U	
VP-6-10	3/21/2012	6,500	610	500 U	500 U	40 U	
VP-6-10	9/6/2012	4,900	220	400 U	400 U	40 U	
VP-6-10	3/6/2013	3,100	290	400 U	400 U	40 U	benzene = 90
VP-6-10	10/31/2013	8,200	400	400 U	400 U	40 U	
VP-6-10	3/10/2014	450	80 U	400 U	400 U	40 U	
VP-6-10	9/12/2014	530	80 U	400 U	400 U	40 U	
VP-6-10	3/2/2015	80 U	80 U	400 U	400 U	40 U	
VP-6-10	10/19/2015	1,200	100	400 U	400 U	40 U	
VP-6-10	1/18/2016	690	80 U	400 U	400 U	40 U	benzene = 80
VP-6-20	7/24/2008	58,000	6,700	22,000	1,900	200 U	
VP-6-20	3/17/2011	14,000	2,800	920	500 U	40 U	
VP-6-20	9/14/2011	17,000	1,600	500 U	500 U	40 U	
VP-6-20	3/21/2012	11,000	1,800	500 U	500 U	40 U	
VP-6-20	9/6/2012	2,600	190	400 U	400 U	40 U	
VP-6-20	3/6/2013	6,000	770	400 U	400 U	40 U	benzene = 90
VP-6-20	10/31/2013	8,600	610	400 U	400 U	40 U	
VP-6-20	3/10/2014	2,000	80	400 U	400 U	40 U	
VP-6-20	9/12/2014	3,000	90	400 U	400 U	40 U	
VP-6-20	3/2/2015	2,400	80	400 U	400 U	40 U	
VP-6-20	10/19/2015	2,100	150	400 U	400 U	40 U	
VP-6-20	1/18/2016	2,200	150	400 U	400 U	40 U	benzene = 80
VP-6-30	7/24/2008	91,000	9,200	33,000	2,500	200 U	
VP-6-30	3/17/2011	9,600	2,900	3,200	890	40 U	
VP-6-30	9/14/2011	11,000	1,400	500	500 U	40 U	
VP-6-30	3/21/2012	9,100	2,500	500 U	500 U	40 U	
VP-6-30	9/6/2012	4,200	290	400 U	400 U	40 U	
VP-6-30	3/6/2013	5,400	1,000	780	400 U	40 U	
VP-6-30	10/31/2013	6,200	490	400 U	400 U	40 U	
VP-6-30	3/10/2014	4,500	270	400 U	400 U	40 U	
VP-6-30	9/12/2014	1,100	80 U	400 U	400 U	40 U	
VP-6-30	3/2/2015	1,600	80 U	400 U	400 U	40 U	
VP-6-30	10/19/2015	2,200	120	400 U	400 U	40 U	

Table 7
Soil Vapor Analytical Results
January 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Soil Vapor Well (ft bgs)	Sample Date	EPA 8260					
		PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	VINYL CHLORIDE	OTHERS
Proposed Soil Gas Cleanup Goals 5 feet bgs (µg/m^3)		**42,000**	**15,000**	**47,000**	NA	**2,200**	
Proposed Soil Gas Cleanup Goals 10 feet bgs (µg/m^3)		**70,000**	**23,000**	**70,000**	NA	**3,200**	
Proposed Soil Gas Cleanup Goals 20 feet bgs (µg/m^3)		**125,000**	**40,000**	**116,000**	NA	**5,100**	
Proposed Soil Gas Cleanup Goals 30 feet bgs (µg/m^3)		**180,000**	**57,000**	**163,000**	NA	**7,100**	
VP-6-30	1/18/2016	2,100	160	400 U	400 U	40 U	
VP-6-30 (DUP)	1/18/2016	2,100	140	400 U	400 U	40 U	benzene = 80
VP-7-5	7/25/2008	36,000	760	800 U	800 U	400 U	
VP-7-5	3/18/2011	5,700	200	500 U	500 U	40 U	
VP-7-5	9/15/2011	11,000	770	2,700	500 U	40 U	benzene = 180
VP-7-5	3/22/2012	7,400	510	2,700	500 U	40 U	
VP-7-5	9/7/2012	9,600	360	400 U	400 U	40 U	
VP-7-5	3/7/2013	5,100	190	400 U	400 U	40 U	
VP-7-5	11/1/2013	8,800	280	400 U	400 U	40 U	
VP-7-5	3/10/2014	3,700	140	400 U	400 U	40 U	
VP-7-5	9/12/2014	6,200	270	400 U	400 U	40 U	
VP-7-5	3/2/2015	1,800	90	400 U	400 U	40 U	
VP-7-5	10/20/2015	3,300	210	400 U	400 U	40 U	
VP-7-10	7/25/2008	30,000	760	800 U	800 U	400 U	
VP-7-10	3/18/2011	4,600	100	500 U	500 U	40 U	
VP-7-10	9/15/2011	9,100	310	500 U	500 U	40 U	benzene = 230
VP-7-10	3/22/2012	7,200	290	500 U	500 U	40 U	
VP-7-10	9/7/2012	8,800	250	400 U	400 U	40 U	
VP-7-10	3/7/2013	4,800	120	400 U	400 U	40 U	
VP-7-10	11/1/2013	9,100	280	400 U	400 U	40 U	
VP-7-10	3/10/2014	2,300	80 U	400 U	400 U	40 U	
VP-7-10	9/12/2014	5,500	220	400 U	400 U	40 U	
VP-7-10	3/2/2015	1,200	80 U	400 U	400 U	40 U	
VP-7-10	10/20/2015	2,600	120	400 U	400 U	40 U	
VP-7-10 (DUP)	9/7/2012	8,100	280	400 U	400 U	40 U	
VP-7-20	7/25/2008	32,000	440	800 U	800 U	400 U	
VP-7-20	3/18/2011	11,000	100 U	500 U	500 U	40 U	
VP-7-20	9/15/2011	16,000	100 U	500 U	500 U	40 U	
VP-7-20	3/22/2012	12,000	100 U	500 U	500 U	40 U	
VP-7-20	9/7/2012	16,000	80 U	400 U	400 U	40 U	
VP-7-20	3/7/2013	11,000	80 U	400 U	400 U	40 U	
VP-7-20	11/1/2013	15,000	80 U	400 U	400 U	40 U	benzene = 90
VP-7-20	3/10/2014	2,900	80 U	400 U	400 U	40 U	
VP-7-20	9/12/2014	1,800	80 U	400 U	400 U	40 U	
VP-7-20	3/2/2015	870	80 U	400 U	400 U	40 U	
VP-7-20	10/20/2015	3,100	80 U	400 U	400 U	40 U	
VP-7-30	7/25/2008	48,000	680	800 U	800 U	400 U	
VP-7-30	3/18/2011	16,000	100 U	500 U	500 U	40 U	
VP-7-30	9/15/2011	12,000	100 U	500 U	500 U	40 U	
VP-7-30	3/22/2012	14,000	100 U	500 U	500 U	40 U	
VP-7-30	9/7/2012	9,400	80 U	400 U	400 U	40 U	
VP-7-30	3/7/2013	10,000	80 U	400 U	400 U	40 U	
VP-7-30	11/1/2013	13,000	80 U	400 U	400 U	40 U	
VP-7-30	3/10/2014	3,300	80 U	400 U	400 U	40 U	
VP-7-30	9/12/2014	2,500	80 U	400 U	400 U	40 U	
VP-7-30	3/3/2015	1,700	80 U	400 U	400 U	40 U	
VP-7-30	10/20/2015	3,400	80 U	400 U	400 U	40 U	

Table 7
Soil Vapor Analytical Results
January 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Soil Vapor Well (ft bgs)	Sample Date	EPA 8260					
		PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	VINYL CHLORIDE	OTHERS
Proposed Soil Gas Cleanup Goals 5 feet bgs (µg/m^3)		**42,000**	**15,000**	**47,000**	NA	**2,200**	
Proposed Soil Gas Cleanup Goals 10 feet bgs (µg/m^3)		**70,000**	**23,000**	**70,000**	NA	**3,200**	
Proposed Soil Gas Cleanup Goals 20 feet bgs (µg/m^3)		**125,000**	**40,000**	**116,000**	NA	**5,100**	
Proposed Soil Gas Cleanup Goals 30 feet bgs (µg/m^3)		**180,000**	**57,000**	**163,000**	NA	**7,100**	
VP-7-30 (DUP)	3/7/2013	10,000	80 U	400 U	400 U	40 U	
VP-7-30 (DUP)	3/3/2015	1,400	80 U	400 U	400 U	40 U	
VP-8-5	7/24/2008	**56,000**	6,600	24,000	1,900	100 U	1,1,2,2-TCA = 430
VP-8-5	3/18/2011	Well blocked, no samples obtained					
VP-8-5	9/14/2011	Well blocked, no samples obtained					
VP-8-5	3/21/2012	Well blocked, no samples obtained					
VP-8-5	9/7/2012	Well blocked, no samples obtained					
		VP-8 Abandoned October 25, 2013					
VP-8-20	7/24/2008	43,000	5,700	19,000	1,400	100 U	1,1,2,2-TCA = 570
VP-8-20	3/18/2011	Well blocked, no samples obtained					
VP-8-20	9/14/2011	Well blocked, no samples obtained					
VP-8-20	3/21/2012	Well blocked, no samples obtained					
VP-8-20	9/7/2012	Well blocked, no samples obtained					
		VP-8 Abandoned October 25, 2013					
VP-8-30	7/24/2008	3,400	240	200 U	200 U	100 U	
VP-8-30	3/18/2011	Well blocked, no samples obtained					
VP-8-30	9/14/2011	Well blocked, no samples obtained					
VP-8-30	3/21/2012	Well blocked, no samples obtained					
VP-8-30	9/7/2012	Well blocked, no samples obtained					
		VP-8 Abandoned October 25, 2013					
VP-8R-5	10/30/2013	270	80 U	400 U	400 U	40 U	
VP-8R-5	3/11/2014	400 U	80 U	400 U	400 U	40 U	
VP-8R-5	9/12/2014	570	140	400 U	400 U	40 U	
VP-8R-5	3/2/2015	80 U	80 U	400 U	400 U	40 U	
VP-8R-5	10/20/2015	80 U	80 U	400 U	400 U	40 U	
VP-8R-10	11/1/2013	170	80 U	400 U	400 U	40 U	
VP-8R-10	3/11/2014	80 U	80 U	400 U	400 U	40 U	
VP-8R-10	9/12/2014	210	80 U	400 U	400 U	40 U	
VP-8R-10	3/2/2015	80 U	80 U	400 U	400 U	40 U	
VP-8R-10	10/20/2015	80 U	80 U	400 U	400 U	40 U	
VP-8R-20	11/1/2013	850	80 U	400 U	400 U	40 U	
VP-8R-20	3/11/2014	290	80 U	400 U	400 U	40 U	
VP-8R-20	9/12/2014	390	80 U	400 U	400 U	40 U	
VP-8R-20	3/2/2015	280	80 U	400 U	400 U	40 U	
VP-8R-20	10/20/2015	250	80 U	400 U	400 U	40 U	
VP-8R-30	11/1/2013	1,300	80 U	400 U	400 U	40 U	
VP-8R-30	3/11/2014	420	80 U	400 U	400 U	40 U	
VP-8R-30	9/12/2014	250	80 U	400 U	400 U	40 U	
VP-8R-30	3/2/2015	110	80 U	400 U	400 U	40 U	
VP-8R-30	10/20/2015	220	80 U	400 U	400 U	40 U	
VP-8R-30 (DUP)	11/1/2013	1,200	80 U	400 U	400 U	40 U	
VP-8R-30 (DUP)	3/11/2014	330	80 U	400 U	400 U	40 U	

Soil Vapor Extraction Well Analytical Summary

Table 7
Soil Vapor Analytical Results
January 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Soil Vapor Well (ft bgs)	Sample Date	EPA 8260					
		PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	VINYL CHLORIDE	OTHERS
Proposed Soil Gas Cleanup Goals 5 feet bgs (µg/m^3)		**42,000**	**15,000**	**47,000**	NA	**2,200**	
Proposed Soil Gas Cleanup Goals 10 feet bgs (µg/m^3)		**70,000**	**23,000**	**70,000**	NA	**3,200**	
Proposed Soil Gas Cleanup Goals 20 feet bgs (µg/m^3)		**125,000**	**40,000**	**116,000**	NA	**5,100**	
Proposed Soil Gas Cleanup Goals 30 feet bgs (µg/m^3)		**180,000**	**57,000**	**163,000**	NA	**7,100**	
SVE-1	10/28/2013	**510,000**	32,000	19,000	5,500	40 U	benzene = 90
SVE-1	3/10/2014	2,500	170	12	7.9 U	5.1 U	acetone = 25; bromodichloromethane = 17; chloroform = 41;
SVE-1	9/10/2014	3.4 U	2.7 U	2.0 U	2.0 U	1.3 U	acetone = 21; chloromethane = 1.4; dichlorodifluoromethane = 3.6;
SVE-1	3/4/2015	400	3.8	2.0 U	2.0 U	1.3 U	acetone = 5.8; chloroform = 13; dichlorodifluoromethane = 3.4; 4-ethyltoluene = 5.4; toluene = 2.9; 1,2,4-trimethylbenzene = 37; 1,3,5-trimethylbenzene = 7.3; o-xylene = 3.0;
SVE-2	10/28/2013	**2,100,000**	**54,000**	19,000	3,800	40 U	chloroform = 100; benzene = 120
SVE-2	3/10/2014	8,200	260	21	16 U	10 U	
SVE-2	9/10/2014	4,200	12	4.1	4.1 U	2.6 U	acetone = 25;
SVE-2	3/4/2015	2,300	7.0	2.6	2.0 U	1.3 U	acetone = 19;
SVE-3	10/28/2013	120,000	6,400	30,000	2,800	40 U	
SVE-3	3/10/2014	2,300	380	31	9.9 U	6.4 U	acetone = 48; benzene = 89; chloroform = 37; ethylbenzene = 29; toluene = 62
SVE-3	9/10/2014	830	19	2.3 U	2.3 U	1.5 U	acetone = 19; bromodichloromethane = 4.6; chloroform = 49; dichlorodifluoromethane = 3.9; toluene = 2.5; 1,1,1-TCA = 12;
SVE-3	3/4/2015	430	6.1	2.0 U	2.0 U	1.3 U	acetone = 6.1; benzene = 1.9; chloroform = 18; ethylbenzene = 3.3; 4-ethyltoluene = 3.1; 1,2,4-trimethylbenzene = 11; 1,3,5-trimethylbenzene = 3.3; p/m-xylene = 11;
SVE-4	10/28/2013	**970,000**	26,000	100,000	7,100	40 U	benzene = 110; chloroform = 100;
SVE-4	3/10/2014	16,000	7,300	1,600	79 U	51 U	
SVE-4	9/10/2014	22,000	2,700	590	79 U	51 U	
SVE-4	3/4/2015	11,000	390	100	20 U	13 U	
SVE-5	10/28/2013	**260,000**	6,300	48,000	4,100	40 U	benzene = 100
SVE-5	3/10/2014	8,100	7,200	870	40 U	26 U	2-butanone = 93, benzene = 46
SVE-5	9/10/2014	2,100	120	43	7.9 U	5.1 U	acetone = 25;
SVE-5	3/4/2015	180	13	2.0 U	2.0 U	1.3 U	
SVE-5 Rep.	10/28/2013	**270,000**	8,400	66,000	5,400	500 U	
SVE-6	10/28/2013	77,000	2,800	4,400	450	40 U	benzene = 180
SVE-6	3/10/2014	14	4.3	2.0 U	2.0 U	1.3 U	dichlorodifluoromethane = 3.0; toluene =
SVE-6	9/10/2014	160	4.1	2.0 U	2.0 U	1.3 U	chloromethane = 3.0; toluene = 4.7; 1,1,1-
SVE-6	3/4/2015	99	2.7 U	2.0 U	2.0 U	1.3 U	acetone = 14; chloroform = 19;
SVE-7	10/28/2013	73,000	11,000	13,000	1,100	40 U	
SVE-7	3/10/2014	13,000	15,000	2,200	44	26 U	benzene = 37; toluene = 50
SVE-7	9/10/2014	17,000	2,200	350	79 U	51 U	
SVE-7	3/4/2015	15,000	1,100	120	79 U	51 U	
SVE-8	10/28/2013	6,900	610	400 U	400 U	40 U	o-xylene = 410; m,p-xylene = 1,400;
SVE-8	3/10/2014	2,400	620	37	3.2 U	2.0 U	chloroform = 5.1; chloromethane = 1.8;
SVE-8	9/10/2014	620	27 U	20 U	20 U	13 U	
SVE-8	3/4/2015	870	19	5.0 U	5.0 U	3.2 U	
SVE-9	10/28/2013	89,000	**51,000**	77,000	4,100	40	benzene = 110

Table 7
Soil Vapor Analytical Results
January 2016
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California
Burns & McDonnell Project No. 89698

Soil Vapor Well (ft bgs)	Sample Date	EPA 8260					
		PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	VINYL CHLORIDE	OTHERS
Proposed Soil Gas Cleanup Goals 5 feet bgs (µg/m^3)		**42,000**	**15,000**	**47,000**	NA	**2,200**	
Proposed Soil Gas Cleanup Goals 10 feet bgs (µg/m^3)		**70,000**	**23,000**	**70,000**	NA	**3,200**	
Proposed Soil Gas Cleanup Goals 20 feet bgs (µg/m^3)		**125,000**	**40,000**	**116,000**	NA	**5,100**	
Proposed Soil Gas Cleanup Goals 30 feet bgs (µg/m^3)		**180,000**	**57,000**	**163,000**	NA	**7,100**	
SVE-9	3/10/2014	22,000	21,000	2,300	90	50 U	
SVE-9	9/10/2014	43,000	9,800	760	79 U	51 U	
SVE-9	3/4/2015	54,000	3,700	350	9.9 U	6.4 U	
SVE-10	10/28/2013	6,500	1,900	11,000	1,700	120	benzene = 110
SVE-10	3/10/2014	6,300	370	79	18	5.0	acetone = 51; chloroform = 13; dichlorodifluoromethane = 10; 1,1,2-trichloro-1,2,2-trifluoroethane = 57;
SVE-10	9/10/2014	4,000	210	130	9.3	9.7	acetone = 33; benzene = 2.0; chloroform = 9.0; chloromethane = 3.7; dichlorodifluoromethane = 5.7; toluene = 4.7; 1,1,1-TCA = 5.1;
SVE-10	3/4/2015	5,700	190	34	2.8	1.3 U	acetone = 14; chloroform = 6.4; dichlorodifluoromethane = 4.9; 1,1,1-trichloroethane = 4.9;
SVE-11	10/28/2013	45,000	**42,000**	**120,000**	8,000	160	benzene = 120
SVE-11	3/10/2014	2,300	130	59	4.5	4.9	acetone = 31; bromodichloromethane = 8.4; 2-butanone = 8.3; chloroform = 32; dichlorodifluoromethane = 5.3; 1,1,1-TCA = 5.9;
SVE-11	9/10/2014	2,800	120	7.4	4.9 U	3.2 U	acetone = 22; chloroform = 22; 1,1,1-TCA = 9.0;
SVE-11	3/4/2015	3,000	100	9.9 U	9.9 U	6.4 U	

Concentrations in bold print are above the proposed risk-based soil gas cleanup goals.
(Refer to *Calculation of Site-Specific Soil Gas Cleanup Goals* letter, dated February 26, 2015)

Notes:

*	Elevated vacumm encountered during sampling.
µg/m^3:	Micrograms per cubic meter
---:	Well not sampled due to damage or vacuum
U:	Non-detect at or below method detection limit for samples
E:	The concentration indicated for this anlayte is an estimated value above the calibration range of the instrument.
ft bgs:	Feet below ground surface
NE:	Not Established
R	Replacement vapor point
Concentration Units:	Laboratory analytical results were published in units of µg/L. Values on Table 4 have been converted to units of µg/m3.

TABLE 8
SVE SYSTEM: OPERATIONAL DATA
AmeriPride Services Inc.
3505 N. Pasadena Ave., Los Angeles, CA
Burns & McDonnell Project No. 89698

Well	Date	Wellhead Vacuum ("H_2O)	Manifold Vacuum ("H_2O)	Manifold Vacuum ("Hg)	Differential Pressure ("H_2O)	Flow Rate (scfm)	PID Reading (PPM, as Isobutylene)	PID Reading (PPM, as hexane)	Pre-Blower Temperature (°F)	Post-Blower Temperature (°F)	Grab Sample Collected? (Time Collected)
	12/4/2013	NA	-6.6	-0.49	0.60	42	130	559	63	89	No
	12/5/2013	-4.2	-7.4	-0.54	0.55	41	58.0	249	63	92	No
	12/6/2013	-4.7	-6.5	-0.48	0.55	41	11.0	47	63	91	No
	12/12/2013	-5.1	-7.7	-0.57	0.55	41	88.0	378	62	92	No
	12/20/2013	NA	-8.0	-0.59	0.55	41	94.1	405	62	90	No
	12/31/2013	NA	-9.9	-0.73	0.55	40	NA	NA	65	89	No
	1/6/2014	NA	-8.2	-0.61	0.45	37	NA	NA	61	82	No
	1/10/2014	-12.2	-8.0	-0.59	0.55	40	13.3	57	69	100	No
	1/24/2014	NA	-7.5	-0.55	0.55	40	NA	NA	68	98	No
	1/31/2014	NA	-7.6	-0.56	NA	NA	NA	NA	63	90	No
	2/7/2014	-6.1	-7.3	-0.54	0.70	46	38.6	166	69	94	No
	3/10/2014	-6.1	-8.4	-0.62	0.90	51	71.5	307	74	104	19:50
	4/1/2014	-3.7	-4.4	-0.32	0.50	39	34.1	147	64	93	No
	5/9/2014	-3.5	-4.2	-0.31	0.45	36	19.5	84	81	99	No
	6/11/2014	NA	NA	NA	NA	NA	NA	NA	NA	NA	No
	7/3/2014	-3.9	-4.1	-0.30	0.40	34	18.2	78	80	111	No
	8/1/2014	-3.9	-3.5	-0.26	0.35	32	11.7	50	91	128	No
	9/10/2014	-3.7	-3.6	-0.26	0.25	27	13.4	58	89	126	18:24
SVE-1	10/10/2014	-4.5	-4.9	-0.36	0.29	29	4.9	21	82	102	No
	11/5/2014	-3.2	-3.4	-0.25	0.25	27	11.3	49	80	122	No
	11/5/2014	---	---	---	---	---	---	---	---	---	---
	12/8/2014	---	---	---	---	---	---	---	---	---	---
	12/8/2014	-2.8	-3.0	-0.22	0.15	21	13.1	56	70	122	No
	1/6/2015	-3.6	-3.0	-0.22	0.25	27	4.5	19	70	112	No
	2/4/2015	-3.7	-4.0	-0.30	0.20	24	7.8	34	70	112	No
	2/4/2015	---	---	---	---	---	---	---	---	---	---
	3/4/2015	---	---	---	---	---	---	---	---	---	---
	3/4/2015	-3.3	-3.3	-0.24	0.25	27	5.9	25	70	111	13:08
	3/4/2015	-2.8	-3.0	-0.22	0.25	27	5.2	22	70	111	No
	4/1/2015	-2.8	-3.0	-0.22	0.25	27	9.7	42	74	119	No
	4/1/2015	---	---	---	---	---	---	---	---	---	---
	5/6/2015	---	---	---	---	---	---	---	---	---	---
	5/19/2015	-2.7	-3.0	-0.22	0.20	24	9.9	43	76	108	No
	6/1/2015	-1.7	-3.0	-0.22	0.30	30	3.9	17	76	120	No
	6/1/2015	---	---	---	---	---	---	---	---	---	---
	7/7/2015	---	---	---	---	---	---	---	---	---	---
	12/4/2013	-3.7	-6.1	-0.45	0.75	48	666	2864	63	89	No
	12/5/2013	-3.5	-7.0	-0.51	0.70	46	404	1737	63	92	No
	12/6/2013	-4.0	-6.8	-0.50	0.85	51	113	486	63	91	No
	12/12/2013	-4.3	-7.6	-0.56	0.90	52	217	933	62	92	No
	12/20/2013	NA	-8.5	-0.62	0.95	53	192	826	62	90	No
	12/31/2013	NA	-9.9	-0.73	0.90	52	NA	NA	65	89	No
	1/6/2014	NA	-8.6	-0.63	0.75	47	NA	NA	61	82	No
	1/10/2014	-10.9	-7.8	-0.57	0.90	52	19.8	85	69	100	No
	1/24/2014	NA	-7.1	-0.52	0.70	46	NA	NA	68	98	No
	1/31/2014	NA	-7.7	-0.57	NA	NA	NA	NA	63	90	No
	2/7/2014	-4.5	-7.2	-0.53	0.85	50	152	654	69	94	No
	3/10/2014	-8.9	-8.3	-0.61	1.05	55	96.6	415	74	104	19:42
	4/1/2014	-4.0	-6.0	-0.44	0.85	51	28.5	123	64	93	No
	5/9/2014	-3.1	-5.0	-0.37	0.70	45	20.1	86	81	99	No
	6/11/2014	-3.3	-3.4	-0.25	1.05	55	41.7	179	82	122	No
	7/3/2014	-2.4	-4.0	-0.29	0.55	40	18.6	80	80	111	No
	8/1/2014	-2.3	-3.7	-0.27	0.55	40	12.8	55	91	128	No
	9/10/2014	-2.2	-3.6	-0.27	0.55	40	14.1	61	89	126	18:12
SVE-2	10/10/2014	-2.2	-3.7	-0.27	0.39	34	5.8	25	82	102	No
	11/5/2014	-2.1	-3.6	-0.26	0.45	36	2.5	11	80	122	No
	11/5/2014	-2.7	-4.0	-0.29	0.55	40	24.0	103	72	112	No
	12/8/2014	-2.3	-4.0	-0.29	0.55	41	13.5	58	69	116	No
	12/8/2014	---	---	---	---	---	---	---	---	---	---
	1/6/2015	---	---	---	---	---	---	---	---	---	---
	2/4/2015	---	---	---	---	---	---	---	---	---	---
	2/4/2015	-2.3	-5.0	-0.37	0.55	41	11	47	69	111	No
	3/4/2015	-2.8	-5.3	-0.39	0.65	44	8.1	35	69	110	No
	3/4/2015	-2.0	-3.0	-0.22	0.35	32	7.8	34	70	111	13:28
	3/4/2015	---	---	---	---	---	---	---	---	---	---
	4/1/2015	---	---	---	---	---	---	---	---	---	---
	4/1/2015	-1.9	-5.3	-0.39	0.50	39	4.2	18	72	117	No
	5/6/2015	-2.7	-5.3	-0.39	0.85	50	7.3	31	70	111	No
	5/19/2015	---	---	---	---	---	---	---	---	---	---
	6/1/2015	---	---	---	---	---	---	---	---	---	---
	6/1/2015	-2.7	-5.3	-0.39	0.80	48	11.2	48	78	120	No
	7/7/2015	-2.6	-5.1	-0.38	0.80	48	13.5	58	84	121	No

TABLE 8
SVE SYSTEM: OPERATIONAL DATA
AmeriPride Services Inc.
3505 N. Pasadena Ave., Los Angeles, CA
Burns & McDonnell Project No. 89698

	12/4/2013	-2.5	-3.6	-0.26	0.55	41	97.0	417	63	89	No
	12/5/2013	-2.2	-4.9	-0.36	0.45	37	54.1	233	63	92	No
	12/6/2013	-1.7	-2.3	-0.17	0.25	28	29.1	125	63	91	No
	12/12/2013	-1.5	-2.3	-0.17	0.25	28	25.7	111	62	92	No
	12/20/2013	NA	-3.0	-0.22	0.30	30	31.6	136	62	90	No
	12/31/2013	NA	-3.2	-0.23	0.30	30	NA	NA	65	89	No
	1/6/2014	NA	-3.8	-0.28	0.40	35	NA	NA	61	82	No
	1/10/2014	-2.9	-2.3	-0.17	0.25	27	4.7	20	69	100	No
	1/24/2014	NA	-5.1	-0.38	0.45	37	NA	NA	68	98	No
	1/31/2014	NA	-4.7	-0.35	NA	NA	NA	NA	63	90	No
	2/7/2014	-2.4	-4.8	-0.36	0.55	41	34.7	149	69	94	No
	3/10/2014	-2.9	-5.0	-0.37	0.75	47	74.1	319	74	104	19:34
	4/1/2014	-2.9	-4.5	-0.33	0.65	44	28.9	124	64	93	No
	5/9/2014	-2.5	-4.0	-0.29	0.50	38	13.6	58	81	99	No
	6/11/2014	-2.8	-4.1	-0.30	0.60	42	22.1	95	82	122	No
	7/3/2014	-2.6	-4.0	-0.29	0.60	42	37.0	159	80	111	No
	8/1/2014	-2.5	-2.8	-0.21	0.60	42	15.5	67	91	128	No
	9/10/2014	-2.0	-2.7	-0.20	0.35	32	13.9	60	89	126	18:00
SVE-3	10/10/2014	-1.9	-2.8	-0.20	0.29	29	7.2	31	82	102	No
	11/5/2014	-2.2	-3.6	-0.26	0.50	38	11.8	51	80	122	No
	11/5/2014	-3.0	-3.0	-0.22	0.40	35	9.7	42	72	112	No
	12/8/2014	-2.1	-3.0	-0.22	0.35	32	10.5	45	69	116	No
	12/8/2014	---	---	---	---	---	---	---	---	---	---
	1/6/2015	---	---	---	---	---	---	---	---	---	---
	2/4/2015	---	---	---	---	---	---	---	---	---	---
	2/4/2015	-2.4	-4.0	-0.29	0.50	39	17.5	75	69	111	No
	3/4/2015	-2.5	-4.3	-0.31	0.50	39	5.1	22	69	110	No
	3/4/2015	-2.1	-3.0	-0.22	0.40	35	6.2	27	70	111	13:18
	3/4/2015	---	---	---	---	---	---	---	---	---	---
	4/1/2015	---	---	---	---	---	---	---	---	---	---
	4/1/2015	-2.3	-4.3	-0.31	0.55	40	3.3	14	72	117	No
	5/6/2015	-2.4	-4.3	-0.31	0.65	44	3.8	16	70	111	No
	5/19/2015	---	---	---	---	---	---	---	---	---	---
	6/1/2015	---	---	---	---	---	---	---	---	---	---
	6/1/2015	-2.6	-4.3	-0.31	0.70	45	6.9	30	78	120	No
	7/7/2015	-2.6	-4.3	-0.31	0.70	45	9.1	39	84	121	No
	12/4/2013	-3.5	-5.5	-0.40	0.75	48	517	2223	63	89	No
	12/5/2013	-3.6	-6.5	-0.48	0.65	44	66	284	63	92	No
	12/6/2013	-3.5	-5.6	-0.41	0.80	49	153	658	63	91	No
	12/12/2013	-3.8	-6.6	-0.49	0.95	53	206	886	62	92	No
	12/20/2013	NA	-7.4	-0.55	0.90	52	227	976	62	90	No
	12/31/2013	NA	-9.0	-0.66	0.90	52	NA	NA	65	89	No
	1/6/2014	NA	-8.0	-0.59	0.80	49	NA	NA	61	82	No
	1/10/2014	-9.7	-6.7	-0.50	0.95	53	95.6	411	69	100	No
	1/24/2014	NA	-6.5	-0.48	0.65	44	NA	NA	68	98	No
	1/31/2014	NA	-7.1	-0.52	NA	NA	NA	NA	63	90	No
	2/7/2014	-4.0	-6.4	-0.47	0.60	42	138	593	69	94	No
	3/10/2014	-4.3	-6.0	-0.44	0.60	42	136	585	74	104	19:26
	4/1/2014	-4.3	-5.6	-0.41	0.55	41	117	503	64	93	No
	5/9/2014	-3.3	-4.9	-0.36	0.70	45	187	804	81	99	No
	6/11/2014	-3.9	-5.3	-0.39	0.75	47	81.6	351	82	122	No
	7/3/2014	-3.2	-4.9	-0.36	0.70	45	69.0	297	80	111	No
	8/1/2014	-3.1	-4.3	-0.32	0.70	45	34.4	148	91	128	No
	9/10/2014	-3.0	-4.3	-0.32	0.60	42	42.7	184	89	126	18:36
SVE-4	10/10/2014	-2.8	-4.2	-0.31	0.44	36	42.6	183	82	102	No
	11/5/2014	-2.7	-4.0	-0.29	0.50	38	87.9	378	80	122	No
	11/5/2014	-3.0	-7.3	-0.54	1.15	58	131.2	564	72	112	No
	12/8/2014	-4.4	-7.4	-0.55	1.10	57	96.8	416	69	116	No
	12/8/2014	-5.4	-9.3	-0.68	1.70	71	144	617	70	122	No
	1/6/2015	-5.9	-9.3	-0.69	1.95	76	54.2	233	70	112	No
	2/4/2015	-5.6	-8.6	-0.63	1.35	63	50.8	218	70	112	No
	2/4/2015	-4.2	-6.5	-0.48	1.05	56	60.6	261	69	111	No
	3/4/2015	-3.7	-5.9	-0.44	0.75	47	78.9	339	69	110	No
	3/4/2015	-3.2	-4.7	-0.34	0.55	40	89.5	385	70	111	13:48
	3/4/2015	-5.7	-9.9	-0.73	1.85	74	67.1	289	70	111	No
	4/1/2015	-5.1	-9.0	-0.66	1.65	69	56.4	243	74	119	No
	4/1/2015	-3.6	-4.9	-0.36	0.90	52	54.1	233	72	117	No
	5/6/2015	-3.3	-5.7	-0.42	0.80	49	103.5	445	70	111	No
	5/19/2015	-4.9	-9.0	-0.66	1.80	72	88.1	379	76	108	No
	6/1/2015	-4.9	-9.2	-0.68	1.90	74	25.0	108	76	120	No
	6/1/2015	-3.1	-4.9	-0.36	0.75	47	40.2	173	78	120	No
	7/7/2015	-2.9	-4.5	-0.33	0.70	45	44.9	193	84	121	No

TABLE 8
SVE SYSTEM: OPERATIONAL DATA
AmeriPride Services Inc.
3505 N. Pasadena Ave., Los Angeles, CA
Burns & McDonnell Project No. 89698

	12/4/2013	-3.5	-5.4	-0.40	0.55	41	138	593	63	89	No
	12/5/2013	-3.3	-6.3	-0.46	0.55	41	110	473	63	92	No
	12/6/2013	-3.7	-6.2	-0.46	0.60	42	71.0	305	63	91	No
	12/12/2013	-4.0	-6.6	-0.49	0.65	44	112	482	62	92	No
	12/20/2013	NA	-7.4	-0.54	0.65	44	121	520	62	90	No
	12/31/2013	NA	-8.3	-0.61	0.65	44	NA	NA	65	89	No
	1/6/2014	NA	-7.5	-0.55	0.55	41	NA	NA	61	82	No
	1/10/2014	-8.7	-6.6	-0.48	0.65	44	19.6	84	69	100	No
	1/24/2014	NA	-6.5	-0.48	0.75	47	NA	NA	68	98	No
	1/31/2014	NA	-6.7	-0.49	NA	NA	NA	NA	63	90	No
	2/7/2014	-2.5	-6.3	-0.47	0.50	39	62.0	267	69	94	No
	3/10/2014	-0.4	-7.7	-0.57	0.20	24	59.9	258	74	104	19:18
	4/1/2014	-5.4	-5.5	-0.40	0.65	44	26.0	112	64	93	No
	5/9/2014	-3.0	-5.1	-0.37	0.65	44	61.1	263	81	99	No
	6/11/2014	-3.3	-5.1	-0.38	0.70	45	78.9	339	82	122	No
	7/3/2014	-3.1	-4.7	-0.35	0.50	38	36.8	158	80	111	No
	8/1/2014	-3.0	-4.6	-0.34	0.50	38	22.2	95	91	128	No
	9/10/2014	-2.7	-4.0	-0.29	0.40	34	28.1	121	89	126	18:48
SVE-5	10/10/2014	-2.6	-3.9	-0.29	0.29	29	11.9	51	82	102	No
	11/5/2014	-2.5	-3.8	-0.28	0.35	32	26.8	115	80	122	No
	11/5/2014	---	---	---	---	---	---	---	---	---	---
	12/8/2014	---	---	---	---	---	---	---	---	---	---
	12/8/2014	-2.7	-4.0	-0.30	0.40	35	33.7	145	70	122	No
	1/6/2015	-3.0	-4.0	-0.30	0.45	37	2.6	11	70	112	No
	2/4/2015	-3.2	-5.0	-0.37	0.50	39	4.2	18	70	112	No
	2/4/2015	---	---	---	---	---	---	---	---	---	---
	3/4/2015	---	---	---	---	---	---	---	---	---	---
	3/4/2015	-2.6	-3.8	-0.28	0.35	32	6.0	26	70	111	13:13
	3/4/2015	-2.6	-4.0	-0.30	0.45	37	11.8	51	70	111	No
	4/1/2015	-2.7	-4.0	-0.30	0.40	34	7.7	33	74	119	No
	4/1/2015	---	---	---	---	---	---	---	---	---	---
	5/6/2015	---	---	---	---	---	---	---	---	---	---
	5/19/2015	-2.7	-4.0	-0.29	0.40	34	14.7	63	76	108	No
	6/1/2015	-2.7	-4.0	-0.30	0.45	36	6.2	27	76	120	No
	6/1/2015	---	---	---	---	---	---	---	---	---	---
	7/7/2015	---	---	---	---	---	---	---	---	---	---
	12/4/2013	-1.9	-2.0	-0.15	0.15	21	30.9	133	63	89	No
	12/5/2013	-1.8	-2.4	-0.18	0.02	8	24.0	103	63	92	No
	12/6/2013	-1.6	-2.0	-0.15	0.10	17	18.5	80	63	91	No
	12/12/2013	-2.2	-1.7	-0.13	0.10	17	32.2	138	62	92	No
	12/20/2013	NA	-4.2	-0.31	0.20	25	49.6	213	62	90	No
	12/31/2013	NA	-4.8	-0.35	0.20	25	NA	NA	65	89	No
	1/6/2014	NA	-4.0	-0.29	0.30	30	NA	NA	61	82	No
	1/10/2014	-3.4	-1.8	-0.13	0.20	25	9.8	42	69	100	No
	1/24/2014	NA	-2.5	-0.18	0.30	30	NA	NA	68	98	No
	1/31/2014	NA	-2.5	-0.19	NA	NA	NA	NA	63	90	No
	2/7/2014	-1.8	-2.3	-0.17	0.20	25	34.0	146	69	94	No
	3/10/2014	-1.7	-2.3	-0.17	0.25	27	88.0	378	74	104	19:10
	4/1/2014	-2.0	-2.3	-0.17	0.25	28	43.2	186	64	93	No
	5/9/2014	-1.9	-2.0	-0.15	0.25	27	19.1	82.1	81	99	No
	6/11/2014	-2.1	-2.3	-0.17	0.25	27	12.5	53.8	82	122	No
	7/3/2014	-1.8	-2.1	-0.16	0.10	17	36.2	156	80	111	No
	8/1/2014	-1.7	-2.1	-0.15	0.10	17	38.0	163	91	128	No
	9/10/2014	-1.8	-2.1	-0.15	0.25	27	35.4	152	89	126	17:48
SVE-6	10/10/2014	-1.8	-2.1	-0.15	0.22	25	12.7	55	82	102	No
	11/5/2014	-1.8	-2.1	-0.16	0.10	17	2.0	8.6	80	122	No
	11/5/2014	---	---	---	---	---	---	---	---	---	---
	12/8/2014	---	---	---	---	---	---	---	---	---	---
	12/8/2014	-2.4	-3.0	-0.22	0.20	24	5.0	22	70	122	No
	1/6/2015	-2.6	-3.0	-0.22	0.25	27	10.3	44	70	112	No
	2/4/2015	-3.1	-4.0	-0.30	0.30	30	8.1	35	70	112	No
	2/4/2015	---	---	---	---	---	---	---	---	---	---
	3/4/2015	---	---	---	---	---	---	---	---	---	---
	3/4/2015	-1.8	-2.0	-0.15	0.15	21	7.3	31	70	111	13:23
	3/4/2015	-2.4	-3.0	-0.22	0.30	30	19.0	82	70	111	No
	4/1/2015	-2.4	-3.0	-0.22	0.25	27	2.6	11	74	119	No
	4/1/2015	---	---	---	---	---	---	---	---	---	---
	5/6/2015	---	---	---	---	---	---	---	---	---	---
	5/19/2015	-2.4	-3.0	-0.22	0.25	27	18.3	79	76	108	No
	6/1/2015	-2.4	-3.0	-0.22	0.25	27	17.8	77	76	120	No
	6/1/2015	---	---	---	---	---	---	---	---	---	---
	7/7/2015	---	---	---	---	---	---	---	---	---	---

TABLE 8
SVE SYSTEM: OPERATIONAL DATA
AmeriPride Services Inc.
3505 N. Pasadena Ave., Los Angeles, CA
Burns & McDonnell Project No. 89698

	12/4/2013	-2.5	-3.2	-0.24	0.30	30	109	469	63	89	No
	12/5/2013	-2.4	-4.2	-0.31	0.35	33	143	615	63	92	No
	12/6/2013	-2.2	-3.2	-0.24	0.30	30	143	615	63	91	No
	12/12/2013	-2.8	-4.6	-0.34	0.30	30	307	1320	62	92	No
	12/20/2013	NA	-8.0	-0.59	0.30	30	288	1238	62	90	No
	12/31/2013	NA	-5.2	-0.38	0.30	30	NA	NA	65	89	No
	1/6/2014	NA	-4.8	-0.36	0.25	28	NA	NA	61	82	No
	1/10/2014	-6.3	-4.6	-0.34	0.30	30	121	520	69	100	No
	1/24/2014	NA	-4.3	-0.31	0.35	32	NA	NA	68	98	No
	1/31/2014	NA	-4.6	-0.34	NA	NA	NA	NA	63	90	No
	2/7/2014	-3.5	-5.2	-0.38	0.55	41	120	516	69	94	No
	3/10/2014	-3.0	-4.4	-0.32	0.50	38	161	692	74	104	19:02
	4/1/2014	-3.2	-4.8	-0.35	0.55	41	81.0	348	64	93	No
	5/9/2014	-3.1	-4.6	-0.34	0.65	44	69.4	298	81	99	No
	6/11/2014	-3.2	-4.9	-0.36	0.65	44	72.2	310	82	122	No
	7/3/2014	-3.1	-4.4	-0.33	0.55	40	58.8	253	80	111	No
	8/1/2014	-2.9	-4.3	-0.32	0.55	40	84.8	365	91	128	No
	9/10/2014	-2.7	-3.8	-0.28	0.45	36	90.7	390	89	126	19:00
SVE-7	10/10/2014	-2.7	-3.8	-0.28	0.41	35	100	430	82	102	No
	11/5/2014	-2.5	-3.6	-0.27	0.35	32	187	806	80	122	No
	11/5/2014	-2.9	-7.1	-0.52	0.95	53	204	877	72	112	No
	12/8/2014	-4.2	-7.0	-0.51	0.95	53	192	826	69	116	No
	12/8/2014	-4.9	-8.7	-0.64	1.35	63	214	919	70	122	No
	1/6/2015	-4.8	-8.7	-0.64	1.40	64	156	671	70	112	No
	2/4/2015	-5.0	-7.9	-0.58	1.10	57	165	709	70	112	No
	2/4/2015	-3.9	-6.5	-0.47	0.85	50	130	557	69	111	No
	3/4/2015	-3.9	-5.7	-0.42	0.70	46	204	876	69	110	No
	3/4/2015	-2.9	-4.3	-0.31	0.45	37	185	795	70	111	13:58
	3/4/2015	-5.2	-9.3	-0.68	1.45	65	156	669	70	111	No
	4/1/2015	-5.0	-8.4	-0.61	1.25	61	160	686	74	119	No
	4/1/2015	-3.6	-5.7	-0.42	0.75	47	157	673	72	117	No
	5/6/2015	-3.0	-5.7	-0.42	0.70	46	171	734	70	111	No
	5/19/2015	-4.8	-8.4	-0.62	1.45	65	179	770	76	108	No
	6/1/2015	-5.0	-8.6	-0.63	1.45	65	71	303	76	120	No
	6/1/2015	-3.1	-4.6	-0.34	0.55	40	80	345	78	120	No
	7/7/2015	-2.8	-4.4	-0.33	0.55	40	97	417	84	121	No
	12/4/2013	-1.2	-1.2	-0.09	0.10	17	11.8	51	63	89	No
	12/5/2013	-1.2	-1.5	-0.11	0.15	21	21.2	91	63	92	No
	12/6/2013	-1.1	-1.6	-0.12	0.10	17	29.7	128	63	91	No
	12/12/2013	-1.2	-1.5	-0.11	0.10	17	45.9	197	62	92	No
	12/20/2013	NA	-5.9	-0.43	0.20	25	60.7	261	62	90	No
	12/31/2013	NA	-3.7	-0.27	0.20	25	NA	NA	65	89	No
	1/6/2014	NA	-3.2	-0.24	0.20	25	NA	NA	61	82	No
	1/10/2014	-1.3	-1.6	-0.11	0.20	25	22.8	98	69	100	No
	1/24/2014	NA	-1.6	-0.12	0.20	25	NA	NA	68	98	No
	1/31/2014	NA	-2.2	-0.16	NA	NA	NA	NA	63	90	No
	2/7/2014	-1.3	-1.6	-0.11	0.20	25	16.9	73	69	94	No
	3/10/2014	-1.2	-1.5	-0.11	0.20	24	44.1	190	74	104	18:54
	4/1/2014	-1.1	-1.5	-0.11	0.20	25	8.8	38	64	93	No
	5/9/2014	-1.5	-1.4	-0.10	0.20	24	12.6	54	81	99	No
	6/11/2014	-0.3	-1.7	-0.12	0.15	21	37.1	160	82	122	No
	7/3/2014	-1.3	-1.6	-0.11	0.10	17	23.2	100	80	111	No
	8/1/2014	-1.2	-1.5	-0.11	0.15	21	36.6	157	91	128	No
	9/10/2014	-1.3	-1.6	-0.12	0.15	21	29.4	126	89	126	17:36
SVE-8	10/10/2014	-1.3	-1.7	-0.12	0.17	22	26.4	114	82	102	No
	11/5/2014	-1.8	-1.5	-0.11	0.10	17	8.0	34	80	122	No
	11/5/2014	-2.4	-3.0	-0.22	0.30	30	20.9	90	72	112	No
	12/8/2014	-2.1	-3.0	-0.22	0.35	32	29.2	126	69	116	No
	12/8/2014	---	---	---	---	---	---	---	---	---	---
	1/6/2015	---	---	---	---	---	---	---	---	---	---
	2/4/2015	---	---	---	---	---	---	---	---	---	---
	2/4/2015	-2.7	-4.0	-0.30	0.30	30	7.2	31	69	111	No
	3/4/2015	-2.4	-4.3	-0.31	0.40	35	30.0	129	69	110	No
	3/4/2015	-1.2	-1.5	-0.11	0.15	21	22.5	97	70	111	13:38
	3/4/2015	---	---	---	---	---	---	---	---	---	---
	4/1/2015	---	---	---	---	---	---	---	---	---	---
	4/1/2015	-2.2	-4.3	-0.31	0.45	37	4.7	20	72	117	No
	5/6/2015	-2.3	-4.3	-0.31	0.45	37	35.6	153	70	111	No
	5/19/2015	---	---	---	---	---	---	---	---	---	---
	6/1/2015	---	---	---	---	---	---	---	---	---	---
	6/1/2015	-2.2	-4.3	-0.31	0.40	34	15.1	65	78	120	No
	7/7/2015	-2.5	-4.3	-0.31	0.50	38	14.7	63	84	121	No

TABLE 8
SVE SYSTEM: OPERATIONAL DATA
AmeriPride Services Inc.
3505 N. Pasadena Ave., Los Angeles, CA
Burns & McDonnell Project No. 89698

	12/4/2013	-4.1	-5.2	-0.38	0.30	30	127	546	63	89	No
	12/5/2013	-4.0	-6.1	-0.45	0.35	32	228	980	63	92	No
	12/6/2013	-3.5	-5.1	-0.38	0.35	32	190	817	63	91	No
	12/12/2013	-3.1	-5.6	-0.41	0.30	30	197	847	62	92	No
	12/20/2013	NA	-7.9	-0.58	0.40	35	184	791	62	90	No
	12/31/2013	NA	-6.7	-0.49	0.40	35	NA	NA	65	89	No
	1/6/2014	NA	-6.3	-0.46	0.35	33	NA	NA	61	82	No
	1/10/2014	-0.56	-7.9	-0.58	0.65	44	29.9	129	69	100	No
	1/24/2014	NA	-6.2	-0.46	0.45	37	NA	NA	68	98	No
	1/31/2014	NA	-6.1	-0.45	NA	NA	NA	NA	63	90	No
	2/7/2014	-4.2	-6.0	-0.44	0.30	30	125	538	69	94	No
	3/10/2014	-5.1	-7.5	-0.55	0.65	44	156	671	74	104	18:46
	4/1/2014	-4.7	-5.4	-0.40	0.70	46	16.6	71	64	93	No
	5/9/2014	-1.0	-4.6	-0.34	0.60	42	38.9	167	81	99	No
	6/11/2014	-7.1	-4.9	-0.36	0.60	42	60.6	261	82	122	No
	7/3/2014	-1.2	-4.3	-0.31	0.45	36	42.5	183	80	111	No
	8/1/2014	-1.2	-4.2	-0.31	0.45	36	77.7	334	91	128	No
	9/10/2014	-1.2	-3.9	-0.28	0.35	32	91.3	393	89	126	19:12
SVE-9	10/10/2014	-1.3	-3.8	-0.28	0.40	34	81.8	352	82	102	No
	11/5/2014	-2.3	-4.0	-0.29	0.30	30	34.4	148	80	122	No
	11/5/2014	-2.6	-7.0	-0.51	0.70	45	61.4	264	72	112	No
	12/8/2014	-4.4	-6.8	-0.50	0.55	40	63.1	271	69	116	No
	12/8/2014	-5.4	-8.6	-0.64	0.80	49	64.4	277	70	122	No
	1/6/2015	-3.7	-8.6	-0.64	0.90	52	72.6	312	70	112	No
	2/4/2015	-3.5	-7.8	-0.58	0.95	53	118.7	510	70	112	No
	2/4/2015	-3.7	-6.2	-0.46	0.70	46	120.4	518	69	111	No
	3/4/2015	-3.4	-5.6	-0.41	0.55	40	47.9	206	69	110	No
	3/4/2015	-2.7	-4.2	-0.31	0.40	35	93.6	402	70	111	13:53
	3/4/2015	-5.1	-9.3	-0.68	1.10	57	74.6	321	70	111	No
	4/1/2015	-4.4	-8.2	-0.60	1.10	57	100.6	433	74	119	No
	4/1/2015	-3.1	-5.6	-0.41	0.65	44	150.1	645	72	117	No
	5/6/2015	-2.9	-5.6	-0.41	0.50	39	121.3	522	70	111	No
	5/19/2015	-4.1	-8.3	-0.61	1.25	60	55.8	240	76	108	No
	6/1/2015	-4.9	-8.5	-0.62	1.25	60	45.5	196	76	120	No
	6/1/2015	-3.6	-4.5	-0.33	0.55	40	39.8	171	78	120	No
	7/7/2015	-2.4	-4.3	-0.32	0.45	36	52.6	226	84	121	No
	12/4/2013	-0.80	-1.0	-0.07	0.10	17	34.1	147	63	89	No
	12/5/2013	0.80	-1.0	-0.07	0.15	21	66.2	285	63	92	No
	12/6/2013	-0.70	-1.1	-0.081	0.10	17	73.6	316	63	91	No
	12/12/2013	-0.70	-1.0	-0.074	0.10	17	285	1226	62	92	No
	12/20/2013	NA	-3.5	-0.26	0.20	25	277	1191	62	90	No
	12/31/2013	NA	-2.4	-0.18	0.20	25	NA	NA	65	89	No
	1/6/2014	NA	-2.7	-0.20	0.30	30	NA	NA	61	82	No
	1/10/2014	-0.90	-1.1	-0.08	0.20	25	30.9	133	69	100	No
	1/24/2014	NA	-1.2	-0.09	0.20	25	NA	NA	68	98	No
	1/31/2014	NA	-1.0	-0.07	NA	NA	NA	NA	63	90	No
	2/7/2014	-0.90	-1.2	-0.09	0.15	21	21.5	92.5	69	94	No
	3/10/2014	-1.3	-0.88	-0.06	0.10	17	69.0	297	74	104	18:38
	4/1/2014	-1.3	-2.2	-0.16	0.20	25	8.6	37	64	93	No
	5/9/2014	-1.8	-2.0	-0.15	0.20	24	10.3	44	81	99	No
	6/11/2014	-1.5	-2.0	-0.15	0.30	30	12.3	53	82	122	No
	7/3/2014	-1.3	-2.0	-0.15	0.20	24	17.5	75	80	111	No
	8/1/2014	-1.2	-2.0	-0.15	0.25	27	14.0	60	91	128	No
	9/10/2014	-1.2	-2.0	-0.15	0.25	27	12.6	54	89	126	17:24
SVE-10	10/10/2014	-1.2	-2.1	-0.15	0.22	25	28.2	121	82	102	No
	11/5/2014	-1.2	-2.0	-0.15	0.20	24	21.6	93	80	122	No
	11/5/2014	---	---	---	---	---	---	---	---	---	---
	12/8/2014	---	---	---	---	---	---	---	---	---	---
	12/8/2014	-1.7	-3.0	-0.22	0.40	35	16.0	69	70	122	No
	1/6/2015	-1.5	-3.0	-0.22	0.35	32	25.7	111	70	112	No
	2/4/2015	-2.6	-4.0	-0.30	0.55	41	34.1	147	70	112	No
	2/4/2015	---	---	---	---	---	---	---	---	---	---
	3/4/2015	---	---	---	---	---	---	---	---	---	---
	3/4/2015	-1.2	-2.0	-0.15	0.20	24	17.0	73	70	111	13:33
	3/4/2015	-1.4	-3.0	-0.22	0.50	39	6.9	30	70	111	No
	4/1/2015	-1.6	-3.0	-0.22	0.40	34	25.8	111	74	119	No
	4/1/2015	---	---	---	---	---	---	---	---	---	---
	5/6/2015	---	---	---	---	---	---	---	---	---	---
	5/19/2015	-1.6	-3.0	-0.22	0.40	34	13.6	58	76	108	No
	6/1/2015	-1.4	-3.0	-0.22	0.30	30	11.8	51	76	120	No
	6/1/2015	---	---	---	---	---	---	---	---	---	---
	7/7/2015	---	---	---	---	---	---	---	---	---	---

TABLE 8
SVE SYSTEM: OPERATIONAL DATA
AmeriPride Services Inc.
3505 N. Pasadena Ave., Los Angeles, CA
Burns & McDonnell Project No. 89698

	12/4/2013	-0.60	-0.60	-0.044	0.05	12	72.3	311	63	89	No
	12/5/2013	0.60	-0.70	-0.05	0.03	10	46.0	198	63	92	No
	12/6/2013	-0.70	-1.0	-0.074	0.10	17	37.6	162	63	91	No
	12/12/2013	-0.60	-0.90	-0.066	0.10	17	65.0	280	62	92	No
	12/20/2013	NA	-3.5	-0.26	0.20	25	71.1	306	62	90	No
	12/31/2013	NA	-2.5	-0.18	0.20	25	NA	NA	65	89	No
	1/6/2014	NA	-2.9	-0.21	0.30	30	NA	NA	61	82	No
	1/10/2014	-2.0	-1.1	-0.084	0.20	25	6.1	26	69	100	No
	1/24/2014	NA	-1.2	-0.089	0.20	25	NA	NA	68	98	No
	1/31/2014	NA	-1.0	-0.071	NA	NA	NA	NA	63	90	No
	2/7/2014	-1.4	-1.2	-0.087	0.10	17	18.8	81	69	94	No
	3/10/2014	-0.74	-0.8	-0.061	0.10	17	79.7	343	74	104	18:30
	4/1/2014	-1.4	-0.8	-0.062	0.10	17	6.9	30	64	93	No
	5/9/2014	-0.57	-1.0	-0.074	0.10	17	9.6	41	81	99	No
	6/11/2014	-0.82	-0.91	-0.067	0.10	17	15.8	68	82	122	No
	7/3/2014	-0.79	-1.0	-0.076	0.10	17	14.1	61	80	111	No
	8/1/2014	-0.72	-1.0	-0.074	0.10	17	7.4	32	91	128	No
	9/10/2014	-1.2	-1.1	-0.08	0.10	17	9.2	40	89	126	17:12
SVE-11	10/10/2014	-1.3	-1.1	-0.08	0.12	19	6.3	27	82	102	No
	11/5/2014	-0.7	-1.0	-0.07	0.10	17	6.6	28	80	122	No
	11/5/2014	-1.9	-3.0	-0.22	0.40	35	18.0	77	72	112	No
	12/8/2014	-1.5	-3.0	-0.22	0.30	30	46.4	200	69	116	No
	12/8/2014	---	---	---	---	---	---	---	---	---	---
	1/6/2015	---	---	---	---	---	---	---	---	---	---
	2/4/2015	---	---	---	---	---	---	---	---	---	---
	2/4/2015	-1.8	-4.0	-0.30	0.55	41	10.4	45	69	111	No
	3/4/2015	-1.8	-4.3	-0.31	0.55	41	11.6	50	69	110	No
	3/4/2015	-1.0	-1.5	-0.11	0.15	21	24.7	106	70	111	13:43
	3/4/2015	---	---	---	---	---	---	---	---	---	---
	4/1/2015	---	---	---	---	---	---	---	---	---	---
	4/1/2015	-1.8	-4.3	-0.31	0.60	42	9.5	41	72	117	No
	5/6/2015	-1.8	-4.3	-0.31	0.55	41	38.3	165	70	111	No
	5/19/2015	---	---	---	---	---	---	---	---	---	---
	6/1/2015	---	---	---	---	---	---	---	---	---	---
	6/1/2015	-1.9	-4.3	-0.31	0.65	44	5.2	22	78	120	No
	7/7/2015	-1.9	-4.1	-0.30	0.60	42	6.7	29	84	121	No

TABLE 8
SVE SYSTEM: OPERATIONAL DATA
AmeriPride Services Inc.
3505 N. Pasadena Ave., Los Angeles, CA
Burns & McDonnell Project No. 89698

Location	Date	Pressure ("H_2O)	Pressure ("Hg)	Flow Rate (scfm)	PID Reading (PPM, as Isobutylene)	PID Reading (PPM, as hexane)	Temperature (°F)	Grab Sample Collected? (Time Collected)
VLS (PRE-BLOWER)	12/4/2013	-11.8	-0.87	348	228	980	63	---
	12/5/2013	-12.9	-0.95	333	190	817	63	---
	12/6/2013	-12.6	-0.93	343	109	469	63	---
	12/12/2013	-12.6	-0.93	348	187	804	62	---
	12/20/2013	-18.9	-1.4	384	49.0	211	62	---
	12/23/2013	-17.8	-1.3	384	58.3	251	69	---
	12/31/2013	-25.3	-1.9	381	26.8	115	65	---
	1/6/2014	-36.1	-2.7	384	40.7	175	61	---
	1/10/2014	-39.8	-2.9	388	45.0	194	69	---
	1/13/2014	-39.9	-2.9	388	34.8	150	74	---
	1/17/2014	-39.7	-2.9	388	30.2	130	75	---
	1/20/2014	-42.3	-3.1	388	19.3	83	66	---
	1/24/2014	-40.5	-3.0	387	21.3	92	68	---
	1/27/2014	-42.0	-3.1	387	19.8	85	71	---
	1/31/2014	-45.3	-3.3	387	16.7	72	63	---
	2/7/2014	-12.1	-0.89	375	37.0	159	69	---
	2/27/2014	-15.5	-1.1	375	10.1	43	69	---
	3/10/2014	-13.8	-1.0	389	35.8	154	74	---
	4/1/2014	-12.1	-0.89	399	6.4	28	64	---
	5/9/2014	-11.4	-0.84	387	15.5	67	81	---
	5/19/2014	-11.1	-0.82	387	16.5	71	82	---
	6/11/2014	-19.4	-1.42	369	19.1	82	82	---
	7/3/2014	-10.4	-0.76	352	18.4	79	80	---
	8/1/2014	-9.6	-0.70	353	11.2	48	91	---
	9/10/2014	-9.1	-0.67	334	13.7	59	89	---
	10/13/2014	-9.1	-0.67	317	36.4	157	82	---
	11/5/2014	-8.6	-0.63	310	52.5	226	80	---
	11/5/2014	-9.4	-0.69	296	53.4	230	72	---
	12/8/2014	-11.9	-0.88	286	72.4	311	69	---
	12/8/2014	-12.4	-0.91	297	105	449	70	---
	1/6/2015	-16.2	-1.19	315	50.3	216	70	---
	2/4/2015	-12.9	-0.95	307	72.9	313	70	---
	2/4/2015	-13.4	-0.99	301	56.5	243	69	---
	3/4/2015	-10.7	-0.79	291	52.5	226	69	---
	3/4/2015	-9.5	-0.70	327	46.8	201	70	---
	3/4/2015	-14.3	-1.05	329	69.5	299	70	---
	4/1/2015	-10.1	-0.75	310	79.9	344	74	---
	4/1/2015	-10.4	-0.76	300	46	200	72	---
	5/6/2015	-10.5	-0.77	304	56	241	70	---
	5/19/2015	-13.7	-1.01	318	48	206	76	---
	6/1/2015	-13.5	-0.99	323	33	142	76	---
	6/1/2015	-9.6	-0.71	299	22	95	78	---
	7/7/2015	-9.1	-0.67	294	27	117	84	---

TABLE 8
SVE SYSTEM: OPERATIONAL DATA
AmeriPride Services Inc.
3505 N. Pasadena Ave., Los Angeles, CA
Burns & McDonnell Project No. 89698

Location	Date	Pressure ("H_2O)	Pressure ("Hg)	Flow Rate (scfm)	PID Reading (PPM, as Isobutylene)	PID Reading (PPM, as hexane)	Temperature (°F)	Grab Sample Collected? (Time Collected)
COMBINED SYSTEM INFLUENT	12/4/2013	35.0	2.6	348	236	1015	89	5:55 PM
	12/5/2013	35.0	2.6	333	210	903	92	3:17 PM
	12/6/2013	35.0	2.6	343	126	542	91	No
	12/12/2013	34.9	2.6	348	306	1316	92	6:44 PM
	12/20/2013	33.0	2.4	384	73.8	317	90	No
	12/23/2013	33.6	2.5	384	76.1	327	99	No
	12/31/2013	63.7	4.7	381	37.8	163	89	No
	1/6/2014	62.8	4.6	384	69.0	297	82	No
	1/10/2014	60.5	4.5	388	54.9	236	100	3:06 PM
	1/13/2014	62.8	4.6	388	59.8	257	109	No
	1/17/2014	60.9	4.5	388	65.2	280	112	No
	1/20/2014	61.6	4.5	388	66.1	284	98	No
	1/24/2014	61.8	4.5	387	56.5	243	98	No
	1/27/2014	60.1	4.4	387	104	447	104	No
	1/31/2014	59.3	4.4	387	61.3	264	90	No
	2/7/2014	38.1	2.8	375	82.3	354	94	1:30 PM
	2/27/2014	34.8	2.6	375	58.4	251	94	No
	3/10/2014	34.7	2.6	389	69.0	297	104	5:54 PM
	4/1/2014	34.7	2.6	399	40.8	175	93	7:50 PM
	5/9/2014	35.9	2.6	387	18.8	81	99	12:34 PM
	5/19/2014	36.2	2.7	387	43.0	185	104	No
	6/11/2014	31.0	2.3	369	79.7	343	122	2:48 PM
	7/3/2014	32.7	2.4	352	40.1	172	111	11:04 PM
	8/1/2014	30.6	2.3	353	45.9	197	128	3:24 PM
	9/10/2014	29.8	2.2	334	48.8	210	126	4:56 PM
	10/13/2014	28.6	2.1	317	46.6	200	102	6:54 PM
	11/5/2014	28.7	2.1	310	72.8	313	122	4:34 PM
	11/5/2014	28.5	2.1	296	88.1	379	112	No
	12/8/2014	32.7	2.4	286	104	447	116	2:04 PM
	12/8/2014	27.5	2.0	297	117	501	122	No
	1/6/2015	29.5	2.2	315	79	341	112	3:30 PM
	2/4/2015	28.7	2.1	307	88	379	112	1:10 PM
	2/4/2015	28.4	2.1	301	70	300	111	No
	3/4/2015	29.8	2.2	291	81	349	110	12:10 PM
	3/4/2015	29.1	2.1	327	65	278	111	No
	3/4/2015	28.8	2.1	329	103	442	111	No
	4/1/2015	26.1	1.9	310	114	489	119	3:50 PM
	4/1/2015	28.0	2.1	300	82	352	117	No
	5/6/2015	28.3	2.1	304	86	371	111	2:50 PM
	5/19/2015	29.0	2.1	318	76	327	108	No
	6/1/2015	28.1	2.1	323	48	205	120	12:04 PM
	6/1/2015	28.7	2.1	299	36	153	120	No
	7/7/2015	27.8	2.0	294	47	200	121	5:14 PM

TABLE 8
SVE SYSTEM: OPERATIONAL DATA
AmeriPride Services Inc.
3505 N. Pasadena Ave., Los Angeles, CA
Burns & McDonnell Project No. 89698

Location	Date	Pressure ("H_2O)	Pressure ("Hg)	Flow Rate (scfm)	PID Reading (PPM, as Isobutylene)	PID Reading (PPM, as hexane)	Temperature (°F)	Grab Sample Collected? (Time Collected)
BETWEEN GAC ADSORBERS	12/4/2013	1.4	0.10	348	NA	NA	---	No
	12/5/2013	1.4	0.1	333	NA	NA	---	NA
	12/6/2013	1.4	0.10	343	0.0	0.0	---	No
	12/12/2013	1.6	0.12	348	0.0	0.0	---	6:35 PM
	12/20/2013	1.6	0.11	384	0.0	0.0	---	No
	12/23/2013	1.6	0.12	384	0.0	0.0	---	No
	12/31/2013	2.9	0.22	381	0.0	0.0	---	No
	1/6/2014	3.0	0.22	384	0.0	0.0	---	No
	1/10/2014	3.3	0.24	388	0.0	0.0	---	2:54 PM
	1/13/2014	4.3	0.32	388	0.0	0.0	---	No
	1/17/2014	4.0	0.29	388	0.0	0.0	---	No
	1/20/2014	3.5	0.26	388	0.0	0.0	---	No
	1/24/2014	3.6	0.26	387	0.0	0.0	---	No
	1/27/2014	3.5	0.26	387	0.0	0.0	---	No
	1/31/2014	4.0	0.30	387	0.0	0.0	---	No
	2/7/2014	6.6	0.48	375	5.0	21.5	---	1:20 PM
	2/27/2014	1.8	0.13	375	0.0	0.0	---	No
	3/10/2014	1.7	0.13	389	0.0	0.0	---	5:42 PM
	4/1/2014	2.0	0.15	399	0.0	0.0	---	7:42 PM
	5/9/2014	1.8	0.13	387	1.4	6.0	---	12:22 PM
	5/19/2014	1.8	0.13	387	0.0	0.0	---	No
	6/11/2014	1.6	0.11	369	2.5	10.8	---	2:36 PM
	7/3/2014	1.0	0.07	352	2.0	8.6	---	10:52 PM
	8/1/2014	0.90	0.07	353	0.0	0.0	---	3:12 PM
	9/10/2014	0.91	0.07	334	0.0	0.0	---	4:44 PM
	10/13/2014	1.2	0.09	317	0.20	0.86	---	6:42 PM
	11/5/2014	0.87	0.06	310	0.70	3.0	---	4:22 PM
	11/5/2014	1.3	0.09	296	0.10	0.43	---	No
	12/8/2014	1.2	0.09	286	7.2	31.0	---	1:52 PM
	12/8/2014	1.1	0.08	297	7.5	32.3	---	No
	1/6/2015	1.1	0.08	315	0.3	1.3	---	3:23 PM
	2/4/2015	1.1	0.08	307	0.1	0.4	---	1:00 PM
	2/4/2015	1.1	0.08	301	0.1	0.4	---	No
	3/4/2015	1.2	0.09	291	2.0	8.6	---	12:02 PM
	3/4/2015	1.2	0.09	327	2.1	9.0	---	No
	3/4/2015	1.2	0.09	329	2.2	9.5	---	No
	4/1/2015	1.1	0.08	310	1.4	6.0	---	3:42 PM
	4/1/2015	1.1	0.08	300	2.8	12.0	---	No
	5/6/2015	1.1	0.08	304	24.3	104.5	---	2:40 PM
	5/19/2015	1.1	0.08	318	0.8	3.4	---	No
	6/1/2015	1.1	0.08	323	0.3	1.3	---	11:56 AM
	6/1/2015	1.1	0.08	299	0.4	1.7	---	No
	7/7/2015	1.1	0.08	294	0.3	1.3	---	5:06 PM

TABLE 8
SVE SYSTEM: OPERATIONAL DATA
AmeriPride Services Inc.
3505 N. Pasadena Ave., Los Angeles, CA
Burns & McDonnell Project No. 89698

Location	Date	Pressure ("H_2O)	Pressure ("Hg)	Flow Rate (scfm)	PID Reading (PPM, as Isobutylene)	PID Reading (PPM, as hexane)	Temperature (°F)	Grab Sample Collected? (Time Collected)
EXHAUST STACK	12/4/2013	0.00	0.00	348	NA	NA	54	No
	12/5/2013	0.10	0.0074	333	NA	NA	57	NA
	12/6/2013	0.00	0.00	343	0.0	0.0	55	No
	12/12/2013	0.10	0.0074	348	0.0	0.0	83	6:26 PM
	12/20/2013	0.18	0.013	384	0.0	0.0	70	No
	12/23/2013	0.18	0.013	384	0.0	0.0	69	No
	12/31/2013	0.29	0.021	381	0.0	0.0	71	No
	1/6/2014	0.36	0.026	384	0.0	0.0	45	No
	1/10/2014	0.32	0.024	388	0.0	0.0	62	2:45 PM
	1/13/2014	0.32	0.024	388	0.0	0.0	69	No
	1/17/2014	0.32	0.024	388	0.0	0.0	72	No
	1/20/2014	0.33	0.024	388	0.0	0.0	50	No
	1/24/2014	0.32	0.024	387	0.0	0.0	54	No
	1/27/2014	0.33	0.024	387	0.0	0.0	64	No
	1/31/2014	0.36	0.026	387	0.0	0.0	46	No
	2/7/2014	0.45	0.033	375	0.0	0.0	56	1:10 PM
	2/27/2014	0.17	0.013	375	0.0	0.0	54	No
	3/10/2014	0.19	0.014	389	0.0	0.0	75	5:30 PM
	4/1/2014	0.20	0.015	399	0.0	0.0	54	7:34 PM
	5/9/2014	0.17	0.013	387	0.10	0.43	75	12:10 PM
	5/19/2014	0.21	0.015	387	0.0	0.0	75	No
	6/11/2014	0.13	0.010	369	0.0	0.0	78	2:24 PM
	7/3/2014	0.15	0.011	352	0.0	0.0	75	10:40 PM
	8/1/2014	0.18	0.013	353	0.0	0.0	83	3:00 PM
	9/10/2014	0.15	0.011	334	0.0	0.0	82	4:32 PM
	10/13/2014	0.15	0.011	317	0.0	0.0	79	6:30 PM
	11/5/2014	0.15	0.011	310	0.0	0.0	78	4:10 PM
	11/5/2014	0.15	0.011	296	0.0	0.0	66	No
	12/8/2014	0.16	0.012	286	0.0	0.0	65	1:40 PM
	12/8/2014	0.14	0.010	297	0.70	3.0	68	No
	1/6/2015	0.16	0.012	315	0.20	0.86	71	3:15 PM
	2/4/2015	0.15	0.011	307	0.0	0.0	61	12:50 PM
	2/4/2015	0.15	0.011	301	0.0	0.0	62	No
	3/4/2015	0.15	0.011	291	0.1	0.4	51	11:54 AM
	3/4/2015	0.14	0.010	327	0.2	0.9	64	No
	3/4/2015	0.14	0.010	329	0.4	1.7	60	No
	4/1/2015	0.11	0.008	310	0.2	0.9	72	3:34 PM
	4/1/2015	0.13	0.010	300	0.3	1.3	70	No
	5/6/2015	0.15	0.011	304	0.1	0.4	62	2:30 PM
	5/19/2015	0.14	0.010	318	0.6	2.6	71	No
	6/1/2015	0.16	0.012	323	0.3	1.3	72	11:48 AM
	6/1/2015	0.14	0.010	299	0.3	1.3	78	No
	7/7/2015	0.13	0.010	294	0.1	0.4	76	4:58 PM

Notes:

Cycle 1 of SVE Points Operating

Cycle 2 of SVE Points Operating

°F - degrees Fahrenheit

"H_2O - inches of water column

"Hg - inches of mercury

scfm - standard cubic feet per minute

Likely erroneous value

Field Tech indicated that moisture filter was getting older and these results may have been due to moisture

PID reading after primary vessel greater than 13.4 ppmv (as hexane) and efficiency less than 90%.

Samples were collected and system was shut down immediately pending GAC changeout.

TABLE 9
SVE SYSTEM: OPERATIONS LOG
AmeriPride Services Inc.
3505 N. Pasadena Ave., Los Angeles, CA
Burns & McDonnell Project No. 89698

Date	Pacific Time	SVE System Operations and Notes	SVE Points in Operation	SVE System Total Hours of Operation
12/6/2013	1:15 PM	The SVE system begins continous operation after completion of various system equipment testing.	SVE-1 through SVE-11	0
12/12/2013	6:30 PM	Grab samples collected from the Combined Influent, Between GAC Adsorbers, and Stack Effluent. Vapor samples submitted for laboratory analysis of EPA Method TO-3 and TO-15.	SVE-1 through SVE-11	143
12/12/2013 to 12/20/2013	---	The SVE system was shutdown for maintenance.	SVE-1 through SVE-11	193
12/24/2013 to 12/31/2013	---	The SVE system was shutdown for maintenance.	SVE-1 through SVE-11	298
1/10/2014	2:45 PM	Grab samples collected from the Combined Influent, Between GAC Adsorbers, and Stack Effluent. Vapor samples submitted for laboratory analysis of EPA Method TO-3 and TO-15.	SVE-1 through SVE-11	535
2/7/2014	1:10 PM	Grab samples collected from the Combined Influent, Between GAC Adsorbers, and Stack Effluent. Vapor samples submitted for laboratory analysis of EPA Method TO-3 and TO-15.	SVE-1 through SVE-11	1202
2/14/2014 to 2/27/2014	---	The SVE system was shutdown pending a GAC changeout on the primary GAC adsorber. A GAC changeout was completed on Vessel A on February 27, 2014.	SVE-1 through SVE-11	1364
3/10/2014	5:30 PM	Grab samples collected from the Combined Influent, Between GAC Adsorbers, and Stack Effluent. Vapor samples submitted for laboratory analysis of EPA Method TO-3 and TO-15. Grab samples also collected from the individual SVE points (SVE-1 through 11) at the manifold and submitted for laboratory analysis of EPA Method TO-15.	SVE-1 through SVE-11	1630
4/1/2014	7:34 PM	Grab samples collected from the Combined Influent, Between GAC Adsorbers, and Stack Effluent. Vapor samples submitted for laboratory analysis of EPA Method TO-3 and TO-15.	SVE-1 through SVE-11	2159
4/2/2014 to 4/11/2014	---	The SVE system was shutdown for maintenance.	SVE-1 through SVE-11	2178
4/24/2014 to 5/9/2014	---	The SVE system was shutdown for maintenance (replacement of fuses and TVSS).	SVE-1 through SVE-11	2477
5/9/2014	12:10 PM	Grab samples collected from the Combined Influent, Between GAC Adsorbers, and Stack Effluent. Vapor samples submitted for laboratory analysis of EPA Method TO-3 and TO-15.	SVE-1 through SVE-11	2477
5/24/2014 to 5/27/2014	---	The SVE system shutdown due to a power outage.	SVE-1 through SVE-11	2836
6/4/2014	12:00 PM	SVE-1, SVE-2, SVE-5, and SVE-7 were closed at the manifold due to wellheads being either damaged or covered when the Site was cleared of grass/weeds by the City of Los Angeles.	SVE-3, SVE-4, SVE-6, and SVE-8 through SVE-11	3098
6/11/2014	2:24 PM	SVE-2, SVE-5, and SVE-7 were either found or repaired and opened back up at the manifold to operate with the SVE system. Grab samples collected from the Combined Influent, Between GAC Adsorbers, and Stack Effluent. Vapor samples submitted for laboratory analysis of EPA Method TO-3 and TO-15.	SVE-2 through SVE-11	3189
6/22/2014 to 7/3/2014	---	The SVE system was shutdown pending a GAC changeout on the primary GAC adsorber. A GAC changeout was completed on Vessel B on July 3, 2014.	SVE-2 through SVE-11	3441
7/3/2014	10:40 PM	SVE-1 was repaired and opened back up at the manifold to operate with the SVE system. Grab samples collected from the Combined Influent, Between GAC Adsorbers, and Stack Effluent. Vapor samples submitted for laboratory analysis of EPA Method TO-3 and TO-15.	SVE-1 through SVE-11	3445
8/1/2014	3:00 PM	Grab samples collected from the Combined Influent, Between GAC Adsorbers, and Stack Effluent. Vapor samples submitted for laboratory analysis of EPA Method TO-3 and TO-15.	SVE-1 through SVE-11	4131
9/10/2014	4:32 PM	Grab samples collected from the Combined Influent, Between GAC Adsorbers, and Stack Effluent. Vapor samples submitted for laboratory analysis of EPA Method TO-3 and TO-15. Grab samples also collected from the individual SVE points (SVE-1 through 11) at the manifold and submitted for laboratory analysis of EPA Method TO-15.	SVE-1 through SVE-11	5093
9/23/2014 to 9/30/2014	---	The SVE system was shutdown pending a GAC changeout on the primary GAC adsorber. A GAC changeout was completed on Vessel A on September 30, 2014.	SVE-1 through SVE-11	5344
10/13/2014	6:30 PM	Grab samples collected from the Combined Influent, Between GAC Adsorbers, and Stack Effluent. Vapor samples submitted for laboratory analysis of EPA Method TO-3 and TO-15.	SVE-1 through SVE-11	5691
11/5/2014	4:10 PM	Grab samples collected from the Combined Influent, Between GAC Adsorbers, and Stack Effluent. Vapor samples submitted for laboratory analysis of EPA Method TO-3 and TO-15. Monthly cycling of the SVE points begins, and the SVE system is set to operate with Set 1 of the SVE points (Set 1: SVE-2, SVE-3, SVE-4, SVE-7, SVE-8, SVE-9, and SVE-11 in operation).	SVE-2, SVE-3, SVE-4, SVE-7, SVE-8, SVE-9, SVE-11	6239

TABLE 9
SVE SYSTEM: OPERATIONS LOG
AmeriPride Services Inc.
3505 N. Pasadena Ave., Los Angeles, CA
Burns & McDonnell Project No. 89698

Date	Pacific Time	SVE System Operations and Notes	SVE Points in Operation	SVE System Total Hours of Operation
12/8/2014	1:40 PM	Grab samples collected from the Combined Influent, Between GAC Adsorbers, and Stack Effluent. Vapor samples submitted for laboratory analysis of EPA Method TO-3 and TO-15. SVE system is set to operate with Set 2 of the SVE points (Set 2: SVE-1, SVE-4, SVE-5, SVE-6, SVE-7, SVE-9, and SVE-10 in operation).	SVE-1, SVE-4, SVE-5, SVE-6, SVE-7, SVE-9, SVE-10	7010
12/17/2014 to 1/6/2015	---	The SVE system was shutdown pending a GAC changeout on the primary GAC adsorber. A GAC changeout was completed on Vessel B on January 6, 2015.	SVE-1, SVE-4, SVE-5, SVE-6, SVE-7, SVE-9, SVE-10	7229
1/6/2015	3:15 PM	Grab samples collected from the Combined Influent, Between GAC Adsorbers, and Stack Effluent. Vapor samples submitted for laboratory analysis of EPA Method TO-3 and TO-15.	SVE-1, SVE-4, SVE-5, SVE-6, SVE-7, SVE-9, SVE-10	7232
2/1/2015 to 2/4/2015	---	SVE system was shutdown for maintenance (drainage of VLS tank).	SVE-1, SVE-4, SVE-5, SVE-6, SVE-7, SVE-9, SVE-10	7666
2/4/2015	12:50 PM	Grab samples collected from the Combined Influent, Between GAC Adsorbers, and Stack Effluent. Vapor samples submitted for laboratory analysis of EPA Method TO-3 and TO-15. SVE system is set to operate with Set 1 of the SVE points.	SVE-2, SVE-3, SVE-4, SVE-7, SVE-8, SVE-9, SVE-11	7668
2/25/2015 to 2/27/2015	---	SVE system was shutdown for maintenance (drainage of VLS tank).	SVE-2, SVE-3, SVE-4, SVE-7, SVE-8, SVE-9, SVE-11	8162
3/4/2015	11:54 AM	Grab samples collected from the Combined Influent, Between GAC Adsorbers, and Stack Effluent. Vapor samples submitted for laboratory analysis of EPA Method TO-3 and TO-15. Grab samples also collected from the individual SVE points (SVE-1 through 11) at the manifold and submitted for laboratory analysis of EPA Method TO-15. SVE system is set to operate with Set 2 of the SVE points.	SVE-1, SVE-4, SVE-5, SVE-6, SVE-7, SVE-9, SVE-10	8277
4/1/2015	3:34 PM	Grab samples collected from the Combined Influent, Between GAC Adsorbers, and Stack Effluent. Vapor samples submitted for laboratory analysis of EPA Method TO-3 and TO-15. SVE system is set to operate with Set 1 of the SVE points.	SVE-2, SVE-3, SVE-4, SVE-7, SVE-8, SVE-9, SVE-11	8949
4/25/2015 to 5/1/2015	---	The SVE system shutdown due to a power outage.	SVE-2, SVE-3, SVE-4, SVE-7, SVE-8, SVE-9, SVE-11	9502
5/6/2015	2:30 PM	Grab samples collected from the Combined Influent, Between GAC Adsorbers, and Stack Effluent. Vapor samples submitted for laboratory analysis of EPA Method TO-3 and TO-15. Since PID reading after primary vessel was greater than 13.4 ppmv (as hexane) and efficiency was less than 90%, the SVE system was shutdown after collecting monthly samples pending a GAC changeout.	SVE-2, SVE-3, SVE-4, SVE-7, SVE-8, SVE-9, SVE-11	9634
5/6/2015 to 5/19/2015	---	The SVE system was shutdown pending a GAC changeout on the primary GAC adsorber. A GAC changeout was completed on Vessel A on May 19, 2015. SVE system is set to operate with Set 2 of the SVE points.	SVE-1, SVE-4, SVE-5, SVE-6, SVE-7, SVE-9, SVE-10	9636
6/1/2015	11:48 AM	Grab samples collected from the Combined Influent, Between GAC Adsorbers, and Stack Effluent. Vapor samples submitted for laboratory analysis of EPA Method TO-3 and TO-15. SVE system is set to operate with Set 1 of the SVE points.	SVE-2, SVE-3, SVE-4, SVE-7, SVE-8, SVE-9, SVE-11	9946
6/19/2015 to 6/25/2015	---	The SVE system shutdown due to a power outage.	SVE-2, SVE-3, SVE-4, SVE-7, SVE-8, SVE-9, SVE-11	10382
7/7/2015	1:29 PM	Grab samples collected from the Combined Influent, Between GAC Adsorbers, and Stack Effluent. Vapor samples submitted for laboratory analysis of EPA Method TO-3 and TO-15. SVE system is set to operate with Set 2 of the SVE points.	SVE-1, SVE-4, SVE-5, SVE-6, SVE-7, SVE-9, SVE-10	10673
7/17/2015	7:27 AM	Per conversation with DTSC, the SVE system was shutdown to begin rebound testing.	SVE-1, SVE-4, SVE-5, SVE-6, SVE-7, SVE-9, SVE-10	11003

TABLE 10
SVE SYSTEM: COMBINED INFLUENT ANALYTICAL RESULTS
AmeriPride Services Inc.
3505 N. Pasadena Ave., Los Angeles, CA
Burns & McDonnell Project No. 89698

COMBINED SYSTEM INFLUENT		Tetrachloroethene (PCE)	Trichloroethene (TCE)	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Acetone	Benzene	2-Butanone (Methyl Ethyl Ketone)	Carbon disulfide	Chloroform	Dichlorodifluoromethane	1-1-Dichloroethane	1-1-Dichloroethene	1,1,2,2-Tetrachloroethane	Toluene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl chloride	Flow Rate (scfm)	PCE Removed (Pounds Per Day)	PCE Removed To-Date (Pounds)	Total VOCs Removed (Pounds Per Day)	Total VOCs Removed To-Date (Pounds)
12/04/13	**5:55 PM**	**430,000**	**30,000**	**64,000**	**3,700**	<100	<35	<96	<140	<53	<54	<44	<43	<150	<41	<160	<53	**280**	348	13	5.6	17	6.9
12/05/13	**3:17 PM**	**160,000**	**17,000**	**36,000**	**2,900**	<82	<28	<120	<110	<42	<43	<35	**42**	<120	<33	<130	<43	**640**	333	8.8	7.8	11	9.7
12/12/13	**6:44 PM**	**26,000**	**13,000**	**13,000**	**460**	<190	<64	<180	<250	<98	<99	<81	<79	<270	<75	<290	<98	**62**	348	2.9	28	4.2	38
01/10/14	**3:06 PM**	**20,000**	**5,100**	**4,900**	**140**	**14**	<2.6	<78	**32**	**13**	<4.0	<3.2	<3.2	<11	<3.0	<12	<3.9	<2.0	388	0.80	39	1.4	60
02/07/14	**1:30 PM**	**8,300**	**5,400**	**2,200**	**42**	<48	<16	<44	<62	<24	<25	<20	<20	<69	<19	<74	<25	<13	375	0.48	53	0.78	81
03/10/14	**5:54 PM**	**11,000**	**5,700**	**1,000**	**25**	<48	<16	<44	<62	<24	<25	<20	<20	<69	<19	<74	<25	<13	389	0.34	59	0.59	92
04/01/14	**7:50 PM**	**9,900**	**3,400**	**420**	<9.9	<24	<8.0	<22	<31	14	<12	<10	<9.9	<34	<9.4	<37	<12	<6.4	399	0.38	67	0.56	104
05/09/14	**12:34 PM**	**24,000**	**6,000**	**360**	<16	<38	<13	<35	<50	20	<20	<16	<16	<55	<15	<59	<20	<10	387	0.59	75	0.77	114
06/11/14	**2:48 PM**	**13,000**	**5,100**	**530**	<95	<95	<32	<88	<120	<49	<49	<40	<40	<140	<38	<150	<49	<26	369	0.61	93	0.81	139
07/03/14	**11:04 PM**	**13,000**	**3,300**	**350**	**8.4**	**25**	<2.5	**34**	<9.7	**30**	**4.5**	<3.2	<3.1	<11	<2.9	<12	<3.8	**6.6**	352	0.41	97	0.56	144
08/01/14	**3:23 PM**	**12,000**	**2,300**	**280**	<20	<48	<16	<44	<62	<24	<25	<20	<20	<69	<19	<74	<25	<13	353	0.40	109	0.50	159
09/11/14	**4:56 PM**	**12,000**	**1,700**	**190**	<20	<48	<16	<44	<62	<24	<25	<20	<20	<69	<19	<74	<25	<13	334	0.36	123	0.43	176
10/13/14	**6:54 PM**	**11,000**	**1,400**	**240**	<20	<48	<16	<44	<62	<24	<25	<20	<20	<69	<19	<74	<25	<13	317	0.33	131	0.38	185
11/05/14	**4:34 PM**	**12,000**	**1,100**	**130**	<16	<38	<13	<35	<50	<20	<20	<16	<16	<55	<15	<59	<20	<10	310	0.32	139	0.36	193
12/08/14	**2:04 PM**	**9,700**	**850**	**71**	<32	<76	<26	<71	<100	<39	<40	<32	<32	<110	<30	<120	<39	<20	286	0.28	148	0.31	203
01/06/15	**3:30 PM**	**12,000**	**1,600**	**860**	<16	<38	<13	<35	<50	<20	<20	<16	<16	<55	<15	<59	<20	<10	315	0.31	150	0.36	207
02/04/15	**12:50 PM**	**13,000**	**1,000**	**130**	<20	<48	<16	<44	<62	<24	<25	<20	<20	<69	<19	<74	<25	<13	307	0.34	157	0.39	214
03/04/15	**12:10 PM**	**10,000**	**660**	**68**	<20	<48	<16	<44	<62	<24	<25	<20	<20	<69	<19	<74	<25	<13	291	0.30	164	0.33	222
04/01/15	**3:50 PM**	**12,000**	**580**	**65**	<25	<59	<20	<55	<78	<31	<31	<25	**27**	<86	<24	<92	<31	<16	310	0.31	173	0.33	231
05/06/15	**2:50 PM**	**10,000**	**360**	**58**	<20	<48	<16	<44	<62	<24	<25	<20	<20	<69	<19	<74	<25	<13	304	0.30	182	0.32	240
06/01/15	**12:04 PM**	**11,000**	**470**	<79	<79	<190	<64	<180	<250	<98	<99	<81	<79	<270	<75	<290	<98	<51	323	0.31	186	0.32	244
07/07/15	**3:54 PM**	**6,200**	**350**	**49**	<20	<48	<16	<44	<62	<24	<25	<20	<20	<69	<19	<74	<25	<13	294	0.23	192	0.24	252
																		Estimated through 7/17/2015 >>		0.16	195	0.17	254

Notes:
All values are expressed in micrograms per cubic meter [µg/m3] unless otherwise noted
Non-detect results are expressed as "less than laboratory reporting limit.'
Concentrations detected above the laboratory reporting limit are bolded.

TABLE 11
SVE SYSTEM: BETWEEN GAC ADSORBERS ANALYTICAL RESULTS
AmeriPride Services Inc.
3505 N. Pasadena Ave., Los Angeles, CA 90031
Burns & McDonnell Project No. 89698

BETWEEN GAC ADSORBERS		Tetrachloroethene (PCE)	Trichloroethene (TCE)	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Acetone	Benzene	2-Butanone (Methyl Ethyl Ketone)	Carbon disulfide	Chloroform	Dichlorodifluoromethane	1-1-Dichloroethane	1-1-Dichloroethene	1,1,2,2-Tetrachloroethane	Toluene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl Chloride
12/12/13	**6:44 PM**	<3.4	**17**	**75**	**2.1**	**7.8**	<1.6	<7.2	<6.2	<2.4	**8.9**	**5.6**	**12**	<6.9	**4.1**	**12**	**3.1**	**720**
01/10/14	**2:54 PM**	<3.4	**6.3**	**2,600**	**79**	**17**	<1.6	<4.4	**46**	**3.4**	**3.3**	<2.0	**5.7**	<6.9	<1.9	<7.4	<2.5	**13**
02/07/14	**1:20 PM**	**430**	**2,100**	**12,000**	**340**	**14**	<3.8	<11	**19**	**28**	<5.9	<4.8	<4.7	<16	<4.5	<18	<5.8	**3.7**
03/10/14	**5:42 PM**	<3.4	<2.7	**1,200**	**55**	**19**	<1.6	<4.4	**25**	**3.4**	**3.9**	<2.0	**5.8**	<6.9	<1.9	<7.4	<2.5	**4.7**
04/01/14	**7:42 PM**	<3.4	**6.8**	**7,300**	**250**	<4.8	<1.6	<4.4	**7.1**	**29**	**3.0**	<2.0	**2.1**	<6.9	<1.9	<7.4	<2.5	**1.4**
05/09/14	**12:22 PM**	**11**	**13**	**7,500**	**230**	**28**	<1.6	<4.4	**6.5**	**39**	**4.7**	<2.0	<2.0	<6.9	<1.9	<7.4	<2.5	**4.3**
06/11/14	**2:36 PM**	**2,300**	**9,600**	**3,500**	**51**	<95	<32	<88	<120	**54**	<49	<40	<40	<140	<38	<150	<49	<26
07/03/14	**10:52 PM**	<4.1	<3.2	**4,200**	**170**	**14**	<1.9	<5.3	<7.5	**18**	**3.9**	<2.4	<2.4	<8.2	<2.3	<8.8	<2.9	**2.5**
08/01/14	**3:12 PM**	<3.4	<2.7	**1,400**	**44**	**8.6**	<1.6	<4.4	<6.2	**5.4**	**2.7**	<2.0	<2.0	<6.9	<1.9	<7.4	<2.5	**1.5**
09/10/14	**4:44 PM**	**2,300**	**5,700**	**5,800**	**110**	**9.8**	<1.6	<4.5	<6.4	**63**	**4.4**	<2.4	**2.4**	<7.0	<1.9	<7.5	<2.5	**2.3**
10/13/14	**6:42 PM**	**44**	<10	**210**	**15**	<18	<6.2	<17	<24	<9.4	<9.6	<7.8	<7.7	<27	<7.3	<29	<9.5	<4.9
11/05/14	**4:22 PM**	<3.4	**5.9**	**2,100**	**92**	**5.3**	<1.6	<4.4	<6.2	**19**	**3.6**	<2.0	**3.1**	<6.9	<1.9	<7.4	<2.5	**1.8**
12/08/14	**1:52 PM**	**320**	**1,400**	**10,000**	**110**	<110	<37	<100	<140	**90**	<58	<47	<46	<160	<44	<170	<57	<30
01/06/15	**3:23 PM**	**53**	**12**	**600**	**22**	<12	<4.1	<11	<16	**17**	<6.4	<5.2	<5.1	<18	<4.9	<19	<6.3	<3.3
02/04/15	**1:00 PM**	**14**	**8.7**	**270**	**7.9**	<4.8	**6.9**	<4.4	<6.2	**4.0**	**4.3**	<2.0	<2.0	<6.9	**2.3**	<7.4	<2.5	<1.3
03/04/15	**12:02 PM**	<9.0	<7.1	**810**	**25**	<13	<4.2	<12	<16	**15**	<6.5	<5.3	<5.2	<18	<5.0	<19	<6.5	<3.4
04/01/15	**3:42 PM**	**6.6**	**17**	**1,400**	**74**	**8.0**	<1.6	<4.4	<6.2	**29**	<2.5	<2.0	<2.0	<6.9	<1.9	<7.4	<2.5	<1.3
05/06/15	**2:40 PM**	**2,300**	**2,500**	**2,300**	**42**	<19	<6.4	<18	<25	**54**	<9.9	<8.1	<7.9	<27	<7.5	<29	<9.8	<5.1
06/01/15	**11:56 AM**	<3.4	<2.7	**250**	**9.8**	**5.6**	<1.6	<4.4	<6.2	**9.2**	**3.4**	<2.0	<2.0	<6.9	<1.9	<7.4	<2.5	<1.3
07/07/15	**2:21 PM**	<3.4	<2.7	**340**	**19**	**6.2**	<1.6	<4.4	<6.2	**8.8**	**2.8**	<2.0	<2.0	<6.9	<1.9	<7.4	<2.5	<1.3

Notes:
All values are expressed in micrograms per cubic meter [µg/m3] unless otherwise noted.
Non-detect results are expressed as "less than laboratory reporting limit."
Concentrations detected above the laboratory reporting limit are bolded.

TABLE 12
SVE SYSTEM: STACK EFFLUENT ANALYTICAL RESULTS
AmeriPride Services Inc.
3505 N. Pasadena Ave., Los Angeles, CA 90031
Burns & McDonnell Project No. 89698

STACK EFFLUENT		Tetrachloroethene (PCE)	Trichloroethene (TCE)	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Acetone	Benzene	2-Butanone (Methyl Ethyl Ketone)	Carbon disulfide	Chloroform	Dichlorodifluoromethane	1-1-Dichloroethane	1-1-Dichloroethene	1,1,2,2-Tetrachloroethane	Toluene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl Chloride
12/12/13	**6:44 PM**	**36**	**19**	<2.0	<2.0	**5.4**	<1.6	<4.4	<6.2	<2.4	<2.5	<2.0	**5.5**	<6.9	<1.9	<7.4	<2.5	**22**
01/10/14	**2:45 PM**	<3.4	<2.7	<2.0	<2.0	**29**	<1.6	**7.3**	<6.2	<2.4	**4.8**	<2.0	<2.0	<6.9	<1.9	<7.4	<2.5	**19**
02/07/14	**1:10 PM**	<8.9	<7.0	**280**	**22**	**43**	<4.2	<12	**51**	<6.4	<6.5	<5.3	**6.4**	<18	<4.9	<19	<6.4	**7.7**
03/10/14	**5:30 PM**	**10**	<2.7	<2.0	<2.0	**34**	<1.6	<4.4	<6.2	<2.4	**5.3**	<2.0	<2.0	<6.9	<1.9	<7.4	<2.5	**7.4**
04/01/14	**7:34 PM**	<3.4	<2.7	**2.3**	**41**	**7.3**	<1.6	<4.4	**15**	<2.4	<2.5	<2.0	**2.3**	<6.9	<1.9	<7.4	<2.5	**2.3**
05/09/14	**12:10 PM**	<3.4	**7.5**	**500**	**28**	**12**	<1.6	<4.4	**25**	**3.8**	<2.5	<2.0	**9.4**	<6.9	<1.9	<7.4	<2.5	**4.7**
06/11/14	**2:24 PM**	<14	<11	**3,200**	**140**	<19	<6.4	<18	<25	**13**	<9.9	<8.1	<7.9	<27	<7.5	<29	<9.8	<5.1
07/03/14	**10:40 PM**	<4.2	<3.4	<2.5	<2.5	**23**	<2.0	<5.5	<7.8	<3.1	<3.1	<2.5	<2.5	<8.6	<2.4	<9.2	<3.1	<1.6
08/01/14	**3:00 PM**	<3.5	<2.8	<2.1	<2.1	<4.9	<1.7	<4.6	<6.5	<2.5	**2.9**	<2.1	<2.1	<7.1	<2.0	<7.7	<2.6	**2.1**
09/10/14	**4:32 PM**	<4.2	<3.3	**9.0**	<2.5	**6.8**	<2.0	<5.5	<7.7	<3.0	**4.5**	<2.5	<2.5	<8.5	<2.3	<9.1	<3.0	**2.4**
10/13/14	**6:30 PM**	**5.9**	<2.7	<2.0	<2.0	**13**	<1.6	<4.5	<6.4	<2.5	**4.5**	<2.1	<2.0	<7.0	<1.9	<7.5	<2.5	**3.0**
11/05/14	**4:10 PM**	<3.7	<2.9	<2.1	<2.1	**11**	<1.7	<4.8	<6.7	<2.6	**3.6**	<2.2	<2.1	<7.4	<2.0	<8.0	<2.7	**1.7**
12/08/14	**1:40 PM**	<3.4	<2.7	**260**	**12**	**20**	<1.6	<4.4	<6.2	**9.2**	**4.0**	<2.0	<2.0	<6.9	<1.9	<7.4	<2.5	<1.3
01/06/15	**3:15 PM**	<4.4	<3.5	<2.6	<2.6	**8.0**	<2.1	<5.8	<8.1	<3.2	<3.2	<2.6	<2.6	<8.9	**3.4**	<9.6	<3.2	<1.7
02/04/15	**12:50 PM**	<3.4	<2.7	<2.0	<2.0	<4.8	<1.6	<4.4	<6.2	<2.4	**2.5**	<2.0	<2.0	<6.9	<1.9	<7.4	<2.5	<1.3
03/04/15	**11:54 AM**	<3.4	<2.7	**2.7**	<2.0	**4.9**	**3.6**	<4.4	<6.2	<2.4	**3.9**	<2.0	<2.0	<6.9	<1.9	<7.4	<2.5	<1.3
04/01/15	**3:34 PM**	<3.9	<3.1	**11**	<2.3	**22**	<1.8	<5.0	<7.1	<2.8	**3.6**	<2.3	**7.2**	<7.8	<2.1	<8.4	<2.8	<1.5
05/06/15	**2:30 PM**	<3.4	<2.7	**55**	**2.7**	<4.8	<1.6	<4.4	<6.2	**4.1**	**2.6**	<2.0	<2.0	<6.9	<1.9	<7.4	<2.5	<1.3
06/01/15	**11:48 AM**	<3.4	<2.7	<2.0	<2.0	**16**	<1.6	<4.5	<6.3	<2.5	**4.2**	<2.0	<2.0	<6.9	<1.9	<7.4	<2.5	<1.3
07/07/15	**1:29 PM**	<3.4	<2.7	<2.0	<2.0	**5.6**	<1.6	<4.4	<6.2	<2.4	**3.3**	<2.0	<2.0	<6.9	<1.9	<7.4	<2.5	<1.3

Notes:
All values are expressed in micrograms per cubic meter [µg/m3] unless otherwise noted.
Non-detect results are expressed as "less than laboratory reporting limit."
Concentrations detected above the laboratory reporting limit are bolded.

APPENDIX A

ANALYTICAL REPORTS

Mobile Geochemistry Inc.

25 January 2016

Mr. Erik Brenegan
Burns and McDonnell - Bloomington
8201 Norma Center Dr.
Bloomington, MN 55437

H&P Project: BM011816-SB2
Client Project: 65805 / 3505 Pasadena Ave

Dear Mr. Erik Brenegan:

Enclosed is the analytical report for the above referenced project. The data herein applies to samples as received by H&P Mobile Geochemistry, Inc. on 1/18/2016 -1/19/2016 which were analyzed in accordance with the attached Chain of Custody record(s).

The results for all sample analyses and required QA/QC analyses are presented in the following sections and summarized in the documents:

- Sample Summary
- Case Narrative (if applicable)
- Sample Results
- Quality Control Summary
- Notes and Definitions / Appendix
- Chain of Custody
- Sampling Logs (if applicable)

Unless otherwise noted, I certify that all analyses were performed and reviewed in compliance with our Quality Systems Manual and Standard Operating Procedures. This report shall not be reproduced, except in full, without the written approval of H&P Mobile Geochemistry, Inc.

We at H&P Mobile Geochemistry, Inc. sincerely appreciate the opportunity to provide analytical services to you on this project. If you have any questions or concerns regarding this analytical report, please contact me at your convenience at 760-804-9678.

Sincerely,

Janis Villarreal

Janis Villarreal
Laboratory Director

H&P Mobile Geochemistry, Inc. is certified under the California ELAP, the National Environmental Laboratory Accreditation Conference (NELAC) and the Department of Defense Accreditation Programs.

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
VP6-5	E601061-01	Vapor	18-Jan-16	18-Jan-16
VP6-10	E601061-02	Vapor	18-Jan-16	18-Jan-16
VP6-20	E601061-03	Vapor	18-Jan-16	18-Jan-16
VP6-30	E601061-04	Vapor	18-Jan-16	18-Jan-16
VP6-30 REP	E601061-05	Vapor	18-Jan-16	18-Jan-16
VP3-5	E601061-06	Vapor	18-Jan-16	18-Jan-16
VP3-10	E601061-07	Vapor	18-Jan-16	18-Jan-16
VP3-20	E601061-08	Vapor	18-Jan-16	18-Jan-16
VP3-30	E601061-09	Vapor	18-Jan-16	18-Jan-16
VP5-5	E601061-10	Vapor	18-Jan-16	18-Jan-16
VP5-10	E601061-11	Vapor	18-Jan-16	18-Jan-16
VP5-20	E601061-12	Vapor	18-Jan-16	18-Jan-16
VP5-30	E601061-13	Vapor	18-Jan-16	18-Jan-16
VP1-5	E601061-14	Vapor	18-Jan-16	18-Jan-16
VP1-10	E601061-15	Vapor	18-Jan-16	18-Jan-16
VP1-20	E601061-16	Vapor	18-Jan-16	18-Jan-16
VP1-30	E601061-17	Vapor	18-Jan-16	18-Jan-16
VP4R-5	E601068-01	Vapor	19-Jan-16	19-Jan-16
VP4R-10	E601068-02	Vapor	19-Jan-16	19-Jan-16
VP4R-10 REP	E601068-03	Vapor	19-Jan-16	19-Jan-16
VP4R-20	E601068-04	Vapor	19-Jan-16	19-Jan-16
VP4R-30	E601068-05	Vapor	19-Jan-16	19-Jan-16

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

DETECTIONS SUMMARY

Sample ID: **VP6-5** Laboratory ID: **E601061-01**

Analyte	Result	Reporting Limit	Units	Method	Notes
Tetrachloroethene	**0.27**	0.08	ug/l	H&P 8260SV	

Sample ID: **VP6-10** Laboratory ID: **E601061-02**

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	**0.08**	0.08	ug/l	H&P 8260SV	
Tetrachloroethene	**0.69**	0.08	ug/l	H&P 8260SV	

Sample ID: **VP6-20** Laboratory ID: **E601061-03**

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	**0.08**	0.08	ug/l	H&P 8260SV	
Trichloroethene	**0.15**	0.08	ug/l	H&P 8260SV	
Tetrachloroethene	**2.2**	0.08	ug/l	H&P 8260SV	

Sample ID: **VP6-30** Laboratory ID: **E601061-04**

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**0.16**	0.08	ug/l	H&P 8260SV	
Tetrachloroethene	**2.1**	0.08	ug/l	H&P 8260SV	

Sample ID: **VP6-30 REP** Laboratory ID: **E601061-05**

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	**0.08**	0.08	ug/l	H&P 8260SV	
Trichloroethene	**0.14**	0.08	ug/l	H&P 8260SV	
Tetrachloroethene	**2.1**	0.08	ug/l	H&P 8260SV	

Sample ID: **VP3-5** Laboratory ID: **E601061-06**

Analyte	Result	Reporting Limit	Units	Method	Notes
Tetrachloroethene	**0.28**	0.08	ug/l	H&P 8260SV	

Sample ID: **VP3-10** Laboratory ID: **E601061-07**

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	**0.08**	0.08	ug/l	H&P 8260SV	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Sample ID: **VP3-10** Laboratory ID: **E601061-07**

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**0.16**	0.08	ug/l	H&P 8260SV	
Tetrachloroethene	**0.80**	0.08	ug/l	H&P 8260SV	

Sample ID: **VP3-20** Laboratory ID: **E601061-08**

Analyte	Result	Reporting Limit	Units	Method	Notes
cis-1,2-Dichloroethene	**0.67**	0.40	ug/l	H&P 8260SV	
Benzene	**0.08**	0.08	ug/l	H&P 8260SV	
Trichloroethene	**1.8**	0.08	ug/l	H&P 8260SV	
Tetrachloroethene	**8.1**	0.08	ug/l	H&P 8260SV	

Sample ID: **VP3-30** Laboratory ID: **E601061-09**

Analyte	Result	Reporting Limit	Units	Method	Notes
cis-1,2-Dichloroethene	**70**	0.40	ug/l	H&P 8260SV	
Trichloroethene	**6.2**	0.08	ug/l	H&P 8260SV	
Tetrachloroethene	**16**	0.08	ug/l	H&P 8260SV	

Sample ID: **VP5-5** Laboratory ID: **E601061-10**

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	**0.08**	0.08	ug/l	H&P 8260SV	
Tetrachloroethene	**0.32**	0.08	ug/l	H&P 8260SV	

Sample ID: **VP5-10** Laboratory ID: **E601061-11**

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	**0.08**	0.08	ug/l	H&P 8260SV	
Tetrachloroethene	**0.59**	0.08	ug/l	H&P 8260SV	

Sample ID: **VP5-20** Laboratory ID: **E601061-12**

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**0.25**	0.08	ug/l	H&P 8260SV	
Tetrachloroethene	**1.2**	0.08	ug/l	H&P 8260SV	

Sample ID: **VP5-30** Laboratory ID: **E601061-13**

Analyte	Result	Reporting Limit	Units	Method	Notes

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Sample ID: **VP5-30** Laboratory ID: **E601061-13**

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**0.29**	0.08	ug/l	H&P 8260SV	
Tetrachloroethene	**1.5**	0.08	ug/l	H&P 8260SV	

Sample ID: **VP1-5** Laboratory ID: **E601061-14**

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**0.08**	0.08	ug/l	H&P 8260SV	
Tetrachloroethene	**5.3**	0.08	ug/l	H&P 8260SV	

Sample ID: **VP1-10** Laboratory ID: **E601061-15**

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**0.20**	0.08	ug/l	H&P 8260SV	
Tetrachloroethene	**16**	0.08	ug/l	H&P 8260SV	

Sample ID: **VP1-20** Laboratory ID: **E601061-16**

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**0.39**	0.08	ug/l	H&P 8260SV	
Tetrachloroethene	**33**	0.08	ug/l	H&P 8260SV	

Sample ID: **VP1-30** Laboratory ID: **E601061-17**

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**0.41**	0.08	ug/l	H&P 8260SV	
Tetrachloroethene	**47**	0.08	ug/l	H&P 8260SV	

Sample ID: **VP4R-5** Laboratory ID: **E601068-01**

Analyte	Result	Reporting Limit	Units	Method	Notes
Tetrachloroethene	**0.49**	0.08	ug/l	H&P 8260SV	

Sample ID: **VP4R-10** Laboratory ID: **E601068-02**

Analyte	Result	Reporting Limit	Units	Method	Notes
Tetrachloroethene	**2.0**	0.08	ug/l	H&P 8260SV	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Sample ID: **VP4R-10 REP** Laboratory ID: **E601068-03**

Analyte	Result	Reporting Limit	Units	Method	Notes
Tetrachloroethene	**1.9**	0.08	ug/l	H&P 8260SV	

Sample ID: **VP4R-20** Laboratory ID: **E601068-04**

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**0.19**	0.08	ug/l	H&P 8260SV	
Tetrachloroethene	**5.3**	0.08	ug/l	H&P 8260SV	

Sample ID: **VP4R-30** Laboratory ID: **E601068-05**

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**0.17**	0.08	ug/l	H&P 8260SV	
Tetrachloroethene	**7.1**	0.08	ug/l	H&P 8260SV	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP6-5 (E601061-01) Vapor Sampled: 18-Jan-16 Received: 18-Jan-16									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EA61810	18-Jan-16	18-Jan-16	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	ND	0.08	"	"	"	"	"	"	
Trichloroethene	ND	0.08	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	**0.27**	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	
o-Xylene	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*105 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*97.6 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8		*110 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*110 %*	*75-125*		"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP6-10 (E601061-02) Vapor Sampled: 18-Jan-16 Received: 18-Jan-16									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EA61810	18-Jan-16	18-Jan-16	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	**0.08**	0.08	"	"	"	"	"	"	
Trichloroethene	ND	0.08	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	**0.69**	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	
o-Xylene	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*107 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*106 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*110 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*107 %*		*75-125*	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP6-20 (E601061-03) Vapor Sampled: 18-Jan-16 Received: 18-Jan-16									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EA61810	18-Jan-16	18-Jan-16	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	**0.08**	0.08	"	"	"	"	"	"	
Trichloroethene	**0.15**	0.08	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	**2.2**	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	
o-Xylene	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*105 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*105 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8		*111 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*111 %*	*75-125*		"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP6-30 (E601061-04) Vapor Sampled: 18-Jan-16 Received: 18-Jan-16									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EA61810	18-Jan-16	18-Jan-16	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	ND	0.08	"	"	"	"	"	"	
Trichloroethene	**0.16**	0.08	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	**2.1**	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	
o-Xylene	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*107 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*103 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*112 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*108 %*		*75-125*	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP6-30 REP (E601061-05) Vapor Sampled: 18-Jan-16 Received: 18-Jan-16									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EA61810	18-Jan-16	18-Jan-16	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	**0.08**	0.08	"	"	"	"	"	"	
Trichloroethene	**0.14**	0.08	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	**2.1**	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	
o-Xylene	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*109 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*103 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*112 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*108 %*		*75-125*	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP3-5 (E601061-06) Vapor Sampled: 18-Jan-16 Received: 18-Jan-16									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EA61810	18-Jan-16	18-Jan-16	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	ND	0.08	"	"	"	"	"	"	
Trichloroethene	ND	0.08	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	**0.28**	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	
o-Xylene	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*103 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8		*112 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*108 %*	*75-125*		"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP3-10 (E601061-07) Vapor Sampled: 18-Jan-16 Received: 18-Jan-16									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EA61810	18-Jan-16	18-Jan-16	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	**0.08**	0.08	"	"	"	"	"	"	
Trichloroethene	**0.16**	0.08	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	**0.80**	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	
o-Xylene	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*104 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8		*109 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*108 %*	*75-125*		"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP3-20 (E601061-08) Vapor Sampled: 18-Jan-16 Received: 18-Jan-16									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EA61810	18-Jan-16	18-Jan-16	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**0.67**	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	**0.08**	0.08	"	"	"	"	"	"	
Trichloroethene	**1.8**	0.08	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	**8.1**	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	
o-Xylene	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*105 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8		*109 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*108 %*	*75-125*		"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP3-30 (E601061-09) Vapor Sampled: 18-Jan-16 Received: 18-Jan-16									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EA61810	18-Jan-16	18-Jan-16	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**70**	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	ND	0.08	"	"	"	"	"	"	
Trichloroethene	**6.2**	0.08	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	**16**	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	
o-Xylene	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*102 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*99.5 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*112 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*111 %*		*75-125*	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP5-5 (E601061-10) Vapor Sampled: 18-Jan-16 Received: 18-Jan-16									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EA61810	18-Jan-16	18-Jan-16	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	**0.08**	0.08	"	"	"	"	"	"	
Trichloroethene	ND	0.08	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	**0.32**	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	
o-Xylene	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*105 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8		*109 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*111 %*	*75-125*		"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP5-10 (E601061-11) Vapor Sampled: 18-Jan-16 Received: 18-Jan-16									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EA61810	18-Jan-16	18-Jan-16	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	**0.08**	0.08	"	"	"	"	"	"	
Trichloroethene	ND	0.08	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	**0.59**	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	
o-Xylene	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*105 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*106 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8		*113 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*106 %*	*75-125*		"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP5-20 (E601061-12) Vapor Sampled: 18-Jan-16 Received: 18-Jan-16									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EA61810	18-Jan-16	18-Jan-16	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	ND	0.08	"	"	"	"	"	"	
Trichloroethene	**0.25**	0.08	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	**1.2**	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	
o-Xylene	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*109 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8		*111 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*109 %*	*75-125*		"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP5-30 (E601061-13) Vapor Sampled: 18-Jan-16 Received: 18-Jan-16									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EA61810	18-Jan-16	18-Jan-16	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	ND	0.08	"	"	"	"	"	"	
Trichloroethene	**0.29**	0.08	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	**1.5**	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	
o-Xylene	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*106 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*99.2 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8		*110 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*106 %*	*75-125*		"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP1-5 (E601061-14) Vapor Sampled: 18-Jan-16 Received: 18-Jan-16									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EA61810	18-Jan-16	18-Jan-16	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	ND	0.08	"	"	"	"	"	"	
Trichloroethene	**0.08**	0.08	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	**5.3**	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	
o-Xylene	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*104 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8		*111 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*105 %*	*75-125*		"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP1-10 (E601061-15) Vapor Sampled: 18-Jan-16 Received: 18-Jan-16									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EA61810	18-Jan-16	18-Jan-16	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	ND	0.08	"	"	"	"	"	"	
Trichloroethene	**0.20**	0.08	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	**16**	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	
o-Xylene	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*109 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8		*112 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*105 %*	*75-125*		"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP1-20 (E601061-16) Vapor Sampled: 18-Jan-16 Received: 18-Jan-16									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EA61810	18-Jan-16	18-Jan-16	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	ND	0.08	"	"	"	"	"	"	
Trichloroethene	**0.39**	0.08	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	**33**	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	
o-Xylene	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*105 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8		*109 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*105 %*	*75-125*		"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP1-30 (E601061-17) Vapor Sampled: 18-Jan-16 Received: 18-Jan-16									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EA61810	18-Jan-16	18-Jan-16	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	ND	0.08	"	"	"	"	"	"	
Trichloroethene	**0.41**	0.08	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	**47**	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	
o-Xylene	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*105 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*103 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*112 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*106 %*		*75-125*	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP4R-5 (E601068-01) Vapor Sampled: 19-Jan-16 Received: 19-Jan-16									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EA61910	19-Jan-16	19-Jan-16	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	ND	0.08	"	"	"	"	"	"	
Trichloroethene	ND	0.08	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	**0.49**	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	
o-Xylene	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*109 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*105 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*112 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*106 %*		*75-125*	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP4R-10 (E601068-02) Vapor Sampled: 19-Jan-16 Received: 19-Jan-16									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EA61910	19-Jan-16	19-Jan-16	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	ND	0.08	"	"	"	"	"	"	
Trichloroethene	ND	0.08	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	**2.0**	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	
o-Xylene	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*104 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*98.0 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8		*109 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*107 %*	*75-125*		"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP4R-10 REP (E601068-03) Vapor Sampled: 19-Jan-16 Received: 19-Jan-16									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EA61910	19-Jan-16	19-Jan-16	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	ND	0.08	"	"	"	"	"	"	
Trichloroethene	ND	0.08	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	**1.9**	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	
o-Xylene	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*104 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*99.3 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*110 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*109 %*		*75-125*	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP4R-20 (E601068-04) Vapor Sampled: 19-Jan-16 Received: 19-Jan-16									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EA61910	19-Jan-16	19-Jan-16	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	ND	0.08	"	"	"	"	"	"	
Trichloroethene	**0.19**	0.08	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	**5.3**	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	
o-Xylene	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*106 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*106 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8		*111 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*110 %*	*75-125*		"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
VP4R-30 (E601068-05) Vapor Sampled: 19-Jan-16 Received: 19-Jan-16									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EA61910	19-Jan-16	19-Jan-16	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	ND	0.08	"	"	"	"	"	"	
Trichloroethene	**0.17**	0.08	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	**7.1**	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	
o-Xylene	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*106 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*98.3 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8		*111 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*109 %*	*75-125*		"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Volatile Organic Compounds by H&P 8260SV - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EA61810 - EPA 5030										
Blank (EA61810-BLK1)				Prepared & Analyzed: 18-Jan-16						
1,1-Difluoroethane (LCC)	ND	0.40	ug/l							
Dichlorodifluoromethane (F12)	ND	0.40	"							
Vinyl chloride	ND	0.04	"							
Chloroethane	ND	0.40	"							
Trichlorofluoromethane (F11)	ND	0.40	"							
1,1-Dichloroethene	ND	0.40	"							
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"							
Methylene chloride (Dichloromethane)	ND	0.40	"							
trans-1,2-Dichloroethene	ND	0.40	"							
1,1-Dichloroethane	ND	0.40	"							
cis-1,2-Dichloroethene	ND	0.40	"							
Chloroform	ND	0.08	"							
1,1,1-Trichloroethane	ND	0.40	"							
Carbon tetrachloride	ND	0.08	"							
1,2-Dichloroethane (EDC)	ND	0.08	"							
Benzene	ND	0.08	"							
Trichloroethene	ND	0.08	"							
Toluene	ND	0.80	"							
1,1,2-Trichloroethane	ND	0.40	"							
Tetrachloroethene	ND	0.08	"							
Ethylbenzene	ND	0.40	"							
1,1,1,2-Tetrachloroethane	ND	0.40	"							
m,p-Xylene	ND	0.40	"							
o-Xylene	ND	0.40	"							
1,1,2,2-Tetrachloroethane	ND	0.40	"							
Surrogate: Dibromofluoromethane	*2.17*		*"*	*2.00*		*108*	*75-125*			
Surrogate: 1,2-Dichloroethane-d4	*2.11*		*"*	*2.00*		*106*	*75-125*			
Surrogate: Toluene-d8	*2.22*		*"*	*2.00*		*111*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*2.18*		*"*	*2.00*		*109*	*75-125*			

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Volatile Organic Compounds by H&P 8260SV - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EA61810 - EPA 5030										
LCS (EA61810-BS1)				Prepared & Analyzed: 18-Jan-16						
Dichlorodifluoromethane (F12)	3.7	0.50	ug/l	5.00		73.7	70-130			
Vinyl chloride	5.1	0.05	"	5.00		102	70-130			
Chloroethane	5.7	0.50	"	5.00		114	70-130			
Trichlorofluoromethane (F11)	5.0	0.50	"	5.00		99.6	70-130			
1,1-Dichloroethene	5.7	0.50	"	5.00		114	70-130			
1,1,2 Trichlorotrifluoroethane (F113)	6.1	0.50	"	5.00		122	70-130			
Methylene chloride (Dichloromethane)	5.5	0.50	"	5.00		109	70-130			
trans-1,2-Dichloroethene	5.6	0.50	"	5.00		112	70-130			
1,1-Dichloroethane	5.4	0.50	"	5.00		107	70-130			
cis-1,2-Dichloroethene	5.6	0.50	"	5.00		112	70-130			
Chloroform	5.5	0.10	"	5.00		111	70-130			
1,1,1-Trichloroethane	5.2	0.50	"	5.00		105	70-130			
Carbon tetrachloride	5.3	0.10	"	5.00		106	70-130			
1,2-Dichloroethane (EDC)	5.1	0.10	"	5.00		102	70-130			
Benzene	5.3	0.10	"	5.00		107	70-130			
Trichloroethene	5.7	0.10	"	5.00		115	70-130			
Toluene	5.0	1.0	"	5.00		99.2	70-130			
1,1,2-Trichloroethane	5.5	0.50	"	5.00		110	70-130			
Tetrachloroethene	5.5	0.10	"	5.00		111	70-130			
Ethylbenzene	5.1	0.50	"	5.00		102	70-130			
1,1,1,2-Tetrachloroethane	5.2	0.50	"	5.00		104	70-130			
m,p-Xylene	10	0.50	"	10.0		102	70-130			
o-Xylene	5.1	0.50	"	5.00		102	70-130			
1,1,2,2-Tetrachloroethane	4.9	0.50	"	5.00		98.5	70-130			
Surrogate: Dibromofluoromethane	*2.67*		*"*	*2.50*		*107*	*75-125*			
Surrogate: 1,2-Dichloroethane-d4	*2.53*		*"*	*2.50*		*101*	*75-125*			
Surrogate: Toluene-d8	*2.84*		*"*	*2.50*		*114*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*2.82*		*"*	*2.50*		*113*	*75-125*			

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Volatile Organic Compounds by H&P 8260SV - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EA61910 - EPA 5030										
Blank (EA61910-BLK1)				Prepared & Analyzed: 19-Jan-16						
1,1-Difluoroethane (LCC)	ND	0.40	ug/l							
Dichlorodifluoromethane (F12)	ND	0.40	"							
Vinyl chloride	ND	0.04	"							
Chloroethane	ND	0.40	"							
Trichlorofluoromethane (F11)	ND	0.40	"							
1,1-Dichloroethene	ND	0.40	"							
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"							
Methylene chloride (Dichloromethane)	ND	0.40	"							
trans-1,2-Dichloroethene	ND	0.40	"							
1,1-Dichloroethane	ND	0.40	"							
cis-1,2-Dichloroethene	ND	0.40	"							
Chloroform	ND	0.08	"							
1,1,1-Trichloroethane	ND	0.40	"							
Carbon tetrachloride	ND	0.08	"							
1,2-Dichloroethane (EDC)	ND	0.08	"							
Benzene	ND	0.08	"							
Trichloroethene	ND	0.08	"							
Toluene	ND	0.80	"							
1,1,2-Trichloroethane	ND	0.40	"							
Tetrachloroethene	ND	0.08	"							
Ethylbenzene	ND	0.40	"							
1,1,1,2-Tetrachloroethane	ND	0.40	"							
m,p-Xylene	ND	0.40	"							
o-Xylene	ND	0.40	"							
1,1,2,2-Tetrachloroethane	ND	0.40	"							
Surrogate: Dibromofluoromethane	*2.14*		*"*	*2.00*		*107*	*75-125*			
Surrogate: 1,2-Dichloroethane-d4	*2.07*		*"*	*2.00*		*104*	*75-125*			
Surrogate: Toluene-d8	*2.20*		*"*	*2.00*		*110*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*2.16*		*"*	*2.00*		*108*	*75-125*			

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Volatile Organic Compounds by H&P 8260SV - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EA61910 - EPA 5030										
LCS (EA61910-BS1)				Prepared & Analyzed: 19-Jan-16						
Dichlorodifluoromethane (F12)	3.6	0.50	ug/l	5.00		71.6	70-130			
Vinyl chloride	5.0	0.05	"	5.00		99.4	70-130			
Chloroethane	5.6	0.50	"	5.00		111	70-130			
Trichlorofluoromethane (F11)	4.7	0.50	"	5.00		95.0	70-130			
1,1-Dichloroethene	5.4	0.50	"	5.00		107	70-130			
1,1,2 Trichlorotrifluoroethane (F113)	5.7	0.50	"	5.00		115	70-130			
Methylene chloride (Dichloromethane)	5.4	0.50	"	5.00		108	70-130			
trans-1,2-Dichloroethene	5.3	0.50	"	5.00		107	70-130			
1,1-Dichloroethane	5.1	0.50	"	5.00		101	70-130			
cis-1,2-Dichloroethene	5.4	0.50	"	5.00		108	70-130			
Chloroform	5.2	0.10	"	5.00		105	70-130			
1,1,1-Trichloroethane	5.0	0.50	"	5.00		101	70-130			
Carbon tetrachloride	5.3	0.10	"	5.00		106	70-130			
1,2-Dichloroethane (EDC)	4.9	0.10	"	5.00		98.5	70-130			
Benzene	5.0	0.10	"	5.00		99.1	70-130			
Trichloroethene	5.4	0.10	"	5.00		108	70-130			
Toluene	4.6	1.0	"	5.00		92.7	70-130			
1,1,2-Trichloroethane	5.4	0.50	"	5.00		107	70-130			
Tetrachloroethene	5.1	0.10	"	5.00		102	70-130			
Ethylbenzene	4.8	0.50	"	5.00		95.2	70-130			
1,1,1,2-Tetrachloroethane	5.0	0.50	"	5.00		101	70-130			
m,p-Xylene	9.7	0.50	"	10.0		96.7	70-130			
o-Xylene	4.8	0.50	"	5.00		96.0	70-130			
1,1,2,2-Tetrachloroethane	5.0	0.50	"	5.00		99.4	70-130			
Surrogate: Dibromofluoromethane	*2.67*		*"*	*2.50*		*107*	*75-125*			
Surrogate: 1,2-Dichloroethane-d4	*2.56*		*"*	*2.50*		*102*	*75-125*			
Surrogate: Toluene-d8	*2.76*		*"*	*2.50*		*110*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*2.75*		*"*	*2.50*		*110*	*75-125*			

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Burns and McDonnell - Bloomington	Project: BM011816-SB2	
8201 Norma Center Dr.	Project Number: 65805 / 3505 Pasadena Ave	Reported:
Bloomington, MN 55437	Project Manager: Mr. Erik Brenegan	25-Jan-16 14:41

Notes and Definitions

LCC	Leak Check Compound
ND	Analyte NOT DETECTED at or above the reporting limit
MDL	Method Detection Limit
%REC	Percent Recovery
RPD	Relative Percent Difference

Appendix

H&P Mobile Geochemistry, Inc. is approved as an Environmental Testing Laboratory and Mobile Laboratory in accordance with the DoD-ELAP and the ISO 17025 programs, certification number L11-175.

H&P is approved by the State of Arizona as an Environmental Testing Laboratory and Mobile Laboratory, certification numbers AZM758 and AZ0779.

H&P is approved by the State of California as an Environmental Laboratory and Mobile Laboratory in conformance with the Environmental Laboratory Accreditation Program (ELAP) for the category of Volatile and Semi-Volatile Organic Chemistry of Hazardous Waste, certification numbers 2740, 2741, 2743, 2744, 2745, 2754 & 2930.

H&P is approved by the State of Florida Department of Health under the National Environmental Laboratory Accreditation Conference (NELAC) certification number E871100.

The complete list of stationary and mobile laboratory certifications along with the fields of testing (FOTs) and analyte lists are available at www.handpmg.com/about/certifications.

Mobile Geochemistry, Inc.
2470 Impala Drive, Carlsbad, CA 92010
& Field Office - Signal Hill, CA
W handpmg.com E info@handpmg.com
P 760.804.9678 F 760.804.9159

VAPOR / AIR Chain of Custody

DATE: 1/19/16
Page 1 of 1

Lab Client and Project Information

Lab Client/Consultant: Burns & McDonnell	Project Name / #: 65805
Lab Client Project Manager: Erik Brenegan	Project Location: 3505 Pasadena Ave LA
Lab Client Address: 8201 Norman Center Dr Ste 200	Report E-Mail(s): ebrenegan@burnsmcd.com sryan@burnsmcd.com
Lab Client City, State, Zip: Bloomington, MN 55437	
Phone Number: 952-656-3679	

Sample Receipt (Lab Use Only)

Date Rec'd: 1/19/16	Control #: 160068.00
H&P Project #	BM011816-SB2
Lab Work Order #	EG01068 / EAG1910
Sample Intact: ☒ Yes ☐ No ☐ See Notes Below	
Receipt Gauge ID:	Temp:
Outside Lab:	
Receipt Notes/Tracking #:	
Lab PM Initials:	

Reporting Requirements

☒ Standard Report ☐ Level III ☐ Level IV
☐ Excel EDD ☐ Other EDD:
☒ CA Geotracker Global ID:

Turnaround Time

☐ 5-7 day Stnd ☐ 24-Hr Rush
☐ 3-day Rush ☒ Mobile Lab
☐ 48-Hr Rush ☐ Other:

Sampler Information

Sampler(s): D. Do
Signature: Dundo
Date: 1/19/16

Additional Instructions to Laboratory:

☒ Check if Project Analyte List is Attached
*Preferred VOC units (please choose one):
☒ µg/L ☐ µg/m³ ☐ ppbv ☐ ppmv

	SAMPLE NAME	FIELD POINT NAME (if applicable)	DATE mm/dd/yy	TIME 24hr clock	SAMPLE TYPE Indoor Air (IA), Ambient Air (AA), Subslab (SS), Soil Vapor (SV)	CONTAINER SIZE & TYPE 400mL/1L/6L Summa or Tedlar or Tube	CONTAINER ID (###)	Lab use only: Receipt Vac	VOCs Standard Full List ☒ 8260SV ☐ TO-15	VOCs Short List / Project List ☐ 8260SV ☐ TO-15	Oxygenates ☐ 8260SV ☐ TO-15	Naphthalene ☐ 8260SV ☐ TO-15 ☐ TO-17m	TPHv as Gas ☐ 8260SVm ☐ TO-15m	TPHv as Diesel (sorbent tube) ☐ TO-17m	Aromatic/Aliphatic Fractions ☐ 8260SVm ☐ TO-15m	Leak Check Compound ☒ DFA ☐ IPA ☐ He	Methane by EPA 8015m	Fixed Gases by ASTM D1945 ☐ CO2 ☐ O2 ☐ N2			
1	VP4R-5		1/19/16	0805	SV	glass syringe	209		X							X					
2	VP4R-10			0815			114		X							X					
3	VP4R-10 REP			0816			149		X							X					
4	VP4R-20			0835			204		X							X					
5	VP4R-30			0900			87		X							X					

Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:		
EJB	Burns & McDonnell	1/20/16	11:08	Dundo	H&P	1/19/16	10:00		
Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:		
Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:		

*Approval constitutes as authorization to proceed with analysis and acceptance of conditions on back

Rev 08/18/2014

Mobile Geochemistry, Inc.
2470 Impala Drive, Carlsbad, CA 92010
& Field Office - Signal Hill, CA
W handpmg.com E info@handpmg.com
P 760.804.9678 F 760.804.9159

VAPOR / AIR Chain of Custody

DATE: 1/18/16
Page 2 of 2

Lab Client and Project Information

Lab Client/Consultant: Burns & Mcdonnell	Project Name / #: G5805
Lab Client Project Manager: Erik Brenegan	Project Location: 3505 Pasadena Ave LA
Lab Client Address: 8201 Norman Center Dr Ste 200	Report E-Mail(s): ebrenegan@burnsmcd.com
Lab Client City, State, Zip: Bloomington, MN 55437	sryu@burnsmcd.com
Phone Number: 952-656-3679	

Sample Receipt (Lab Use Only)

Date Rec'd: 1/18/16	Control #: 160068.00
H&P Project # BM011816-SB2	
Lab Work Order # EG01061 / EA G1810	
Sample Intact: ☒ Yes ☐ No ☐ See Notes Below	
Receipt Gauge ID:	Temp:
Outside Lab:	
Receipt Notes/Tracking #:	
Lab PM Initials:	

Reporting Requirements

☒ Standard Report ☐ Level III ☐ Level IV
☐ Excel EDD ☐ Other EDD:_____
☒ CA Geotracker Global ID:_____

Turnaround Time

☐ 5-7 day Stnd ☐ 24-Hr Rush
☐ 3-day Rush ☒ Mobile Lab
☐ 48-Hr Rush ☐ Other:____

Sampler Information

Sampler(s): D. Do
Signature: [signature]
Date: 1/18/16

Additional Instructions to Laboratory:

☒ Check if Project Analyte List is Attached

** Preferred VOC units (please choose one):*

☒ µg/L ☐ µg/m³ ☐ ppbv ☐ ppmv

	SAMPLE NAME	FIELD POINT NAME (if applicable)	DATE mm/dd/yy	TIME 24hr clock	SAMPLE TYPE Indoor Air (IA), Ambient Air (AA), Subslab (SS), Soil Vapor (SV)	CONTAINER SIZE & TYPE 400mL/1L/6L Summa or Tedlar or Tube	CONTAINER ID (###)	Lab use only: Receipt Vac	VOCs Standard Full List ☒ 8260SV ☐ TO-15	VOCs Short List / Project List ☐ 8260SV ☐ TO-15	Oxygenates ☐ 8260SV ☐ TO-15	Naphthalene ☐ 8260SV ☐ TO-15 ☐ TO-17m	TPHv as Gas ☐ 8260SVm ☐ TO-15m	TPHv as Diesel (sorbent tube) ☐ TO-17m	Aromatic/Aliphatic Fractions ☐ 8260SVm ☐ TO-15m	Leak Check Compound ☒ DFA ☐ IPA ☐ He	Methane by EPA 8015m	Fixed Gases by ASTM D1945 ☐ CO2 ☐ O2 ☐ N2			
11	VPS-10		1/18/16	1020	SV	glass syringe	203		X							X					
12	VPS-20			1030			114		X							X					
13	VPS-30			1040			209		X							X					
14	VPI-5			1135			112		X							X					
15	VPI-10			1145			87		X							X					
16	VPI-20			1155			149		X							X					
17	VPI-30			1205			204		X							X					

Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:
[signature]	Burns & McDonnell	1/26/16	11:07 AM	[signature]	H&P	1/18/16	1230

*Approval constitutes as authorization to proceed with analysis and acceptance of conditions on back

Rev 08/18/2014

H&P Mobile Geochemistry, Inc.
2470 Impala Drive, Carlsbad, CA 92010
& Field Office - Signal Hill, CA
W handpmg.com E info@handpmg.com
P 760.804.9678 F 760.804.9159

VAPOR / AIR Chain of Custody

DATE: 1/18/16
Page 1 of 2

Lab Client and Project Information

Lab Client/Consultant: Burns & Mcdonnell	Project Name / #: 65805
Lab Client Project Manager: Erik Brenegam	Project Location: 3505 Pasadena Ave LA.
Lab Client Address: 8201 Norma Cantor Dr Ste 200	Report E-Mail(s): ebrenegam@burnsmcd.com srynd@burnsmcd.com
Lab Client City, State, Zip: Bloomington, MN 55437	
Phone Number: 952-656-3679	

Sample Receipt (Lab Use Only)

Date Rec'd: 1/18/16	Control #: 160068.00
H&P Project # BM011816-3B2	
Lab Work Order # E601061 / EA61810	
Sample Intact: ☒ Yes ☐ No ☐ See Notes Below	
Receipt Gauge ID:	Temp:
Outside Lab:	
Receipt Notes/Tracking #:	
Lab PM Initials:	

Reporting Requirements

☒ Standard Report ☐ Level III ☐ Level IV
☐ Excel EDD ☐ Other EDD:_____
☒ CA Geotracker Global ID:_____

Turnaround Time

☐ 5-7 day Stnd ☐ 24-Hr Rush
☐ 3-day Rush ☒ Mobile Lab
☐ 48-Hr Rush ☐ Other:____

Sampler Information

Sampler(s): D. Do
Signature: [signature]
Date: 1/18/16

Additional Instructions to Laboratory:

☒ Check if Project Analyte List is Attached
** Preferred VOC units (please choose one):*
☒ µg/L ☐ µg/m³ ☐ ppbv ☐ ppmv

	SAMPLE NAME	FIELD POINT NAME (if applicable)	DATE mm/dd/yy	TIME 24hr clock	SAMPLE TYPE Indoor Air (IA), Ambient Air (AA), Subslab (SS), Soil Vapor (SV)	CONTAINER SIZE & TYPE 400mL/1L/6L Summa or Tedlar or Tube	CONTAINER ID (###)	Lab use only: Receipt Vac	VOCs Standard Full List ☒ 8260SV ☐ TO-15	VOCs Short List / Project List ☐ 8260SV ☐ TO-15	Oxygenates ☐ 8260SV ☐ TO-15	Naphthalene ☐ 8260SV ☐ TO-15 ☐ TO-17m	TPHv as Gas ☐ 8260SVm ☐ TO-15m	TPHv as Diesel (sorbent tube) ☐ TO-17m	Aromatic/Aliphatic Fractions ☐ 8260SVm ☐ TO-15m	Leak Check Compound ☒ DFA ☐ IPA ☐ He	Methane by EPA 8015m	Fixed Gases by ASTM D1945 ☐ CO2 ☐ O2 ☐ N2			
1	VP6-5		1/18/16	0810	SV	glass syringe	87		X							X					
2	VP6-10			0818			211		X							X					
3	VP6-20			0830			203		X							X					
4	VP6-30			0840			209		X							X					
5	VP6-30 REP			0841			114		X							X					
6	VP3-5			0932			149		X							X					
7	VP3-10			0940			112		X							X					
8	VP3-20			0950			209		X							X					
9	VP3-30			1000			87		X							X					
10	VP5-5			1010			211		X							X					

Approved/Relinquished by: [signature]	Company: Burns & McDonnell	Date: 1/26/16	Time: 11:07 AM	Received by: [signature]	Company: H&P	Date: 1/18/16	Time: 1230
Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:
Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:

**Approval constitutes as authorization to proceed with analysis and acceptance of conditions on back*

Rev 08/18/2014

H&P Mobile Geochemistry, Inc.
2470 Impala Drive, Carlsbad, CA 92010
Field Office in Signal Hill, CA (Los Angeles)
Ph: 800-834-9888 www.handpmg.com

H&P Method 8260SV (Modified EPA 8260B)
Soil Vapor VOC List per DTSC

Compound - Short List	*CAS #*	*Low RL* Vapor (µg/L)*
Dichlorodifluoromethane (Freon 12)	75-71-8	0.4
Vinyl chloride	75-01-4	0.04
Chloroethane	75-00-3	0.4
Trichlorofluoromethane (F11)	75-69-4	0.4
1,1-Dichloroethene	75-35-4	0.4
1,1,2-Trichlorotrifluoroethane (F113)	76-13-1	0.4
Methylene chloride (Dichloromethane)	75-09-2	0.4
trans-1,2-Dichloroethene	156-60-5	0.4
1,1-Dichloroethane	75-34-3	0.4
cis-1,2-Dichloroethene	156-59-2	0.4
Chloroform	67-66-3	0.08
1,1,1-Trichloroethane	71-55-6	0.4
Carbon tetrachloride	56-23-5	0.08
1,2-Dichloroethane (EDC)	107-06-2	0.08
Benzene	71-43-2	0.08
Trichloroethene	79-01-6	0.08
Toluene	108-88-3	0.8
1,1,2-Trichloroethane	79-00-5	0.4
Tetrachloroethene	127-18-4	0.08
1,1,1,2-Tetrachloroethane	630-20-6	0.4
Ethylbenzene	100-41-4	0.4
m,p-Xylene	179601-23-1	0.4
o-Xylene	95-47-6	0.4
1,1,2,2-Tetrachloroethane	79-34-5	0.4
Leak Check Compound		
1,1-Difluoroethane (LCC)	75-37-6	0.4

**NOTE: Low RLs can be achieved using a 25cc large volume injection - (Commercial CHHSLs)*

H&P Mobile Geochemistry Inc.

Log Sheet: Soil Vapor Sampling with Syringe

FMS004
Revision: 2
Revised: 12/4/14
Effective: 1/1/15
Page 1 of 1

H&P Project #: BM011816-SB2
Site Address: 3505 Pasadena Ave LA
Consultant: Burns and McDonnell
Consultant Rep(s): N/A

Date: 1/18/16
Page: 1 of 2
H&P Rep(s): D. Do

Reviewed: DB
Scanned: DB

Purge Volume Calculation

PVT Probe ID, if applicable:			
Tubing:	Length:	Diameter:	1 Volume:
Sand Pack:	Height:	Diameter:	1 Volume:
Dry Bentonite:	Height:	Diameter:	1 Volume:
PVT Increments:	___PV=	___PV=	___PV =
PV Amount Selected:	Same	Selected by:	per jobsheet

Sample Volume

☒ 50cc Glass Syringe ☐ 100cc Glass Syringe ☐ Other_____

Leak Check Compound

☒ 1,1-DFA ☐ 1,1,1,2-TFA ☐ IPA ☐ Other_____

A cloth saturated with LCC is placed around tubing connections and at the probe seal. This is done prior to every soil vapor sample collected unless otherwise noted in the field notes below.

	Sample Information				Probe Specs							Collection Information				
	Point ID	Syringe ID	Date	Sample Time	Probe Depth (ft)	Tubing Length (ft)	Tubing Dia (in.)	Sand Pack Ht (in.)	Sand Pack Dia (in.)	Dry Bent. Ht (in.)	Dry Bent. Dia (in.)	Purge Vol (mL)	Shut-in Test (✓=Pass)	Flow Rate (mL/min)	Probe Vacuum ("Hg)	Field Notes
1	VP6-5	87	1/18	0810	5	7	1/4	12	8	0	8	125	✓	<200	0	
2	VP6-10	211		0818	10	12	1/4	12	8	0	8	250	✓	<200	0	
3	VP6-20	203		0830	20	22	1/4	12	8	0	8	700	✓	200	0	3:30
4	VP6-30	209		0840	30	32	1/4	12	8	0	8	1050	✓	200	0	5:15
5	VP6-30REP	114		0841	30	32	1/4	12	8	0	8	1100	✓	200	0	
6	VP3-5	149		0932	5	7	1/4	12	8	0	8	125	✓	<200	0 2	
7	VP3-10	117		0940	10	12	1/4	12	8	0	8	250	✓	<200	2	
8	VP3-20	204		0950	20	22	1/4	12	8	0	8	700	✓	200	0	3:30
9	VP3-30	87		1000	30	32	1/4	12	8	0	8	~~700~~ 1050	✓	200	0	5:15
10	VP5-5	211		1010	5	7	1/4	12	8	0	8	125	✓	<200	0	⊗
11	VP5-10	203		1020	10	12	1/4	12	8	0	8	250	✓	<200	0	⊗
12	VP5-20	114	↓	1030	20	22	1/4	12	8	0	8	700	✓	200	0	⊗ 3:30

Site Notes (e.g. weather, visitors, scope deviations, health & safety issues, etc.):
Used same purge volumes as previous events per jobsheet
⊗ probe cracked. cut, used luer fitting to extend probe - 8 luer-fittings used total.

H&P Mobile Geochemistry Inc.

FMS004
Revision: 2
Revised: 12/4/14
Effective: 1/1/15
Page 1 of 1

Log Sheet: Soil Vapor Sampling with Syringe

H&P Project #: BMD11816-SB2 Date: 1/18/16

Site Address: 3505 Pasadena Ave LA Page: 2 of 2

Consultant: Burns & McDonnell H&P Rep(s): D. Do

Consultant Rep(s): N/A

Reviewed: DB

Scanned: DB

Purge Volume Calculation			
PVT Probe ID, if applicable:			
Tubing:	Length:	Diameter:	1 Volume:
Sand Pack:	Height:	Diameter:	1 Volume:
Dry Bentonite:	Height:	Diameter:	1 Volume:
PVT Increments:	___PV =	___PV=	___PV =
PV Amount Selected:	Same	Selected by:	jobsheet

Sample Volume

☒ 50cc Glass Syringe ☐ 100cc Glass Syringe ☐ Other_____

Leak Check Compound

☒ 1,1-DFA ☐ 1,1,1,2-TFA ☐ IPA ☐ Other_____

A cloth saturated with LCC is placed around tubing connections and at the probe seal. This is done prior to every soil vapor sample collected unless otherwise noted in the field notes below.

	Sample Information				Probe Specs							Collection Information				
	Point ID	Syringe ID	Date	Sample Time	Probe Depth (ft)	Tubing Length (ft)	Tubing Dia (in.)	Sand Pack Ht (in.)	Sand Pack Dia (in.)	Dry Bent. Ht (in.)	Dry Bent. Dia (in.)	Purge Vol (mL)	Shut-in Test (✓=Pass)	Flow Rate (mL/min)	Probe Vacuum ("Hg)	Field Notes
1	VP5-30	209	1/18	1040	30	32	1/4	12	8	0	8	1050	✓	200	0	④ 5:15
2	VP1-5	112		1135	5	7	1/4	12	8	0	8	125	✓	<200	0	
3	VP1-10	87		1145	10	12	1/4	12	8	0	8	250	✓	<200	0	
4	VP1-20	149		1155	20	22	1/4	12	8	0	8	700	✓	200	0	3:30
5	VP1-30	204		1205	30	32	1/4	12	8	0	8	1050	✓	200	0	5:15
6																
7																
8																
9																
10																
11																
12																

Site Notes (e.g. weather, visitors, scope deviations, health & safety issues, etc.):
Used same purge volumes as previous events per jobsheet.

H&P Mobile Geochemistry Inc.

FMS004
Revision: 2
Revised: 12/4/14
Effective: 1/1/15
Page 1 of 1

Log Sheet: Soil Vapor Sampling with Syringe

H&P Project #: BM011816-SB2 Date: 1/19/16

Site Address: 3505 Pasadena Ave LA Page: 1 of 1

Consultant: Burns & McDonnell H&P Rep(s): D. Do

Consultant Rep(s): N/A

Reviewed: DB

Scanned: DB

Purge Volume Calculation

PVT Probe ID, if applicable:			
Tubing:	Length:	Diameter:	1 Volume:
Sand Pack:	Height:	Diameter:	1 Volume:
Dry Bentonite:	Height:	Diameter:	1 Volume:
PVT Increments:	___PV=	___PV=	___PV =
PV Amount Selected:	Same	Selected by:	Jobsheet

Sample Volume

☒ 50cc Glass Syringe ☐ 100cc Glass Syringe ☐ Other_____

Leak Check Compound

☒ 1,1-DFA ☐ 1,1,1,2-TFA ☐ IPA ☐ Other_____

A cloth saturated with LCC is placed around tubing connections and at the probe seal. This is done prior to every soil vapor sample collected unless otherwise noted in the field notes below.

	Sample Information				Probe Specs							Collection Information				
	Point ID	Syringe ID	Date	Sample Time	Probe Depth (ft)	Tubing Length (ft)	Tubing Dia (in.)	Sand Pack Ht (in.)	Sand Pack Dia (in.)	Dry Bent. Ht (in.)	Dry Bent. Dia (in.)	Purge Vol (mL)	Shut-in Test (✓=Pass)	Flow Rate (mL/min)	Probe Vacuum ("Hg)	Field Notes
1	VP4R-5	209	1/19	0805	5	7	1/4	12	8	0	8	125	✓	<200	0	
2	VP4R-10	114	↓	0815	10	12	1/4	12	8	0	8	250	✓	<200	0	
3	VP4R-10 REP	149	↓	0816	10	12	1/4	12	8	0	8	300	✓	<200	0	
4	VP4R-20	204	↓	0835	20	22	1/4	12	8	0	8	700	✓	200	0	3:30
5	VP4R-30	87	↓	0900	30	32	1/4	12	8	0	8	1050	✓	200	0	5:15
6																
7																
8																
9																
10																
11																
12																

Site Notes (e.g. weather, visitors, scope deviations, health & safety issues, etc.):
Used same purge volumes as previous events per jobsheet

eurofins | Calscience

WORK ORDER NUMBER: 16-03-1400

The difference is service

AIR | SOIL | WATER | MARINE CHEMISTRY

Analytical Report For

Client: Burns & McDonnell

Client Project Name: AmeriPride - LA / 89698

Attention: Erik Brenegan
8201 Norman Center Drive
Suite 300
Bloomington, MN 55437-0001

Vikas Patel

Approved for release on 03/24/2016 by:
Vikas Patel
Project Manager

ResultLink

Email your PM

Eurofins Calscience, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

eurofins | Calscience

Contents

Client Project Name: AmeriPride - LA / 89698
Work Order Number: 16-03-1400

1 Work Order Narrative. 3

2 Sample Summary. 4

3 Detections Summary. 5

4 Client Sample Data. 7
4.1 EPA 8260B Volatile Organics (Aqueous). 7

5 Quality Control Sample Data. 49
5.1 MS/MSD. 49
5.2 LCS/LCSD. 50

6 Sample Analysis Summary. 52

7 Glossary of Terms and Qualifiers. 53

8 Chain-of-Custody/Sample Receipt Form. 54

eurofins | Calscience

Work Order Narrative

Work Order: 16-03-1400 Page 1 of 1

Condition Upon Receipt:

Samples were received under Chain-of-Custody (COC) on 03/17/16. They were assigned to Work Order 16-03-1400.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

Holding Times:

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

Quality Control:

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

Subcontractor Information:

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

Additional Comments:

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

Return to Contents

eurofins | Calscience

Sample Summary

Client:	Burns & McDonnell	Work Order:	16-03-1400
	8201 Norman Center Drive, Suite 300	Project Name:	AmeriPride - LA / 89698
	Bloomington, MN 55437-0001	PO Number:	
		Date/Time Received:	03/17/16 20:05
		Number of Containers:	92
Attn:	Erik Brenegan		

Sample Identification	Lab Number	Collection Date and Time	Number of Containers	Matrix
MW-16C	16-03-1400-1	03/15/16 13:30	5	Aqueous
MW-16B	16-03-1400-2	03/15/16 14:20	5	Aqueous
K-1	16-03-1400-3	03/15/16 15:08	5	Aqueous
MW-10B	16-03-1400-4	03/15/16 16:42	5	Aqueous
MW-10A	16-03-1400-5	03/15/16 17:00	5	Aqueous
MW-9A	16-03-1400-6	03/15/16 17:54	5	Aqueous
MW-7	16-03-1400-7	03/15/16 19:18	5	Aqueous
MW-13A	16-03-1400-8	03/16/16 05:00	5	Aqueous
MW-13B	16-03-1400-9	03/16/16 05:30	5	Aqueous
MW-14	16-03-1400-10	03/16/16 06:35	5	Aqueous
MW-15	16-03-1400-11	03/16/16 07:40	5	Aqueous
MW-3	16-03-1400-12	03/16/16 09:26	5	Aqueous
MW-12	16-03-1400-13	03/16/16 10:20	5	Aqueous
MW-11	16-03-1400-14	03/16/16 11:46	5	Aqueous
MW-16A	16-03-1400-15	03/16/16 12:32	5	Aqueous
Dup-2	16-03-1400-16	03/16/16 00:00	5	Aqueous
Dup-1	16-03-1400-17	03/15/16 00:00	5	Aqueous
FB-1	16-03-1400-18	03/15/16 00:00	5	Aqueous
TB	16-03-1400-19	03/15/16 00:00	2	Aqueous

Return to Contents

eurofins | Calscience

Detections Summary

Client:	Burns & McDonnell	Work Order:	16-03-1400
	8201 Norman Center Drive, Suite 300	Project Name:	AmeriPride - LA / 89698
	Bloomington, MN 55437-0001	Received:	03/17/16
Attn:	Erik Brenegan		

Client SampleID / Analyte	Result	Qualifiers	RL	Units	Method	Extraction
MW-16B (16-03-1400-2)						
Tetrachloroethene	2.5		1.0	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	1.5		1.0	ug/L	EPA 8260B	EPA 5030C
K-1 (16-03-1400-3)						
Tetrachloroethene	1.1		1.0	ug/L	EPA 8260B	EPA 5030C
MW-10B (16-03-1400-4)						
c-1,2-Dichloroethene	8.6		1.0	ug/L	EPA 8260B	EPA 5030C
MW-10A (16-03-1400-5)						
c-1,2-Dichloroethene	13		1.0	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	3.5		1.0	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	2.9		1.0	ug/L	EPA 8260B	EPA 5030C
MW-9A (16-03-1400-6)						
c-1,2-Dichloroethene	11		1.0	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	1.6		1.0	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	1.2		1.0	ug/L	EPA 8260B	EPA 5030C
MW-7 (16-03-1400-7)						
c-1,2-Dichloroethene	2.2		1.0	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	2.4		1.0	ug/L	EPA 8260B	EPA 5030C
MW-13A (16-03-1400-8)						
Tetrachloroethene	2.5		1.0	ug/L	EPA 8260B	EPA 5030C
MW-13B (16-03-1400-9)						
Tetrachloroethene	1.4		1.0	ug/L	EPA 8260B	EPA 5030C
MW-14 (16-03-1400-10)						
c-1,2-Dichloroethene	1.4		1.0	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	6.5		1.0	ug/L	EPA 8260B	EPA 5030C
MW-15 (16-03-1400-11)						
c-1,2-Dichloroethene	3.4		1.0	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	8.7		1.0	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	2.7		1.0	ug/L	EPA 8260B	EPA 5030C
MW-3 (16-03-1400-12)						
Tetrachloroethene	7.4		1.0	ug/L	EPA 8260B	EPA 5030C
MW-12 (16-03-1400-13)						
c-1,2-Dichloroethene	2.0		1.0	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	7.8		1.0	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	4.2		1.0	ug/L	EPA 8260B	EPA 5030C
MW-11 (16-03-1400-14)						
Tetrachloroethene	9.3		1.0	ug/L	EPA 8260B	EPA 5030C

Return to Contents

* MDL is shown

eurofins | Calscience

Detections Summary

Client:	Burns & McDonnell	Work Order:	16-03-1400
	8201 Norman Center Drive, Suite 300	Project Name:	AmeriPride - LA / 89698
	Bloomington, MN 55437-0001	Received:	03/17/16
Attn:	Erik Brenegan		

Client SampleID / Analyte	Result	Qualifiers	RL	Units	Method	Extraction
MW-16A (16-03-1400-15)						
c-1,2-Dichloroethene	9.5		1.0	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	12		1.0	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	4.3		1.0	ug/L	EPA 8260B	EPA 5030C
Dup-2 (16-03-1400-16)						
Tetrachloroethene	1.4		1.0	ug/L	EPA 8260B	EPA 5030C
Dup-1 (16-03-1400-17)						
c-1,2-Dichloroethene	8.6		1.0	ug/L	EPA 8260B	EPA 5030C

Subcontracted analyses, if any, are not included in this summary.

Return to Contents

* MDL is shown

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-16C	**16-03-1400-1-A**	**03/15/16 13:30**	**Aqueous**	**GC/MS RR**	**03/17/16**	**03/17/16 23:17**	**160317L047**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	20	1.00	
Benzene	ND	0.50	1.00	
Bromobenzene	ND	1.0	1.00	
Bromochloromethane	ND	1.0	1.00	
Bromodichloromethane	ND	1.0	1.00	
Bromoform	ND	1.0	1.00	
Bromomethane	ND	10	1.00	
2-Butanone	ND	10	1.00	
n-Butylbenzene	ND	1.0	1.00	
sec-Butylbenzene	ND	1.0	1.00	
tert-Butylbenzene	ND	1.0	1.00	
Carbon Disulfide	ND	10	1.00	
Carbon Tetrachloride	ND	0.50	1.00	
Chlorobenzene	ND	1.0	1.00	
Chloroethane	ND	5.0	1.00	
Chloroform	ND	1.0	1.00	
Chloromethane	ND	10	1.00	
2-Chlorotoluene	ND	1.0	1.00	
4-Chlorotoluene	ND	1.0	1.00	
Dibromochloromethane	ND	1.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.00	
1,2-Dibromoethane	ND	1.0	1.00	
Dibromomethane	ND	1.0	1.00	
1,2-Dichlorobenzene	ND	1.0	1.00	
1,3-Dichlorobenzene	ND	1.0	1.00	
1,4-Dichlorobenzene	ND	1.0	1.00	
Dichlorodifluoromethane	ND	1.0	1.00	
1,1-Dichloroethane	ND	1.0	1.00	
1,2-Dichloroethane	ND	0.50	1.00	
1,1-Dichloroethene	ND	1.0	1.00	
c-1,2-Dichloroethene	ND	1.0	1.00	
t-1,2-Dichloroethene	ND	1.0	1.00	
1,2-Dichloropropane	ND	1.0	1.00	
1,3-Dichloropropane	ND	1.0	1.00	
2,2-Dichloropropane	ND	1.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	1.0	1.00	
c-1,3-Dichloropropene	ND	0.50	1.00	
t-1,3-Dichloropropene	ND	0.50	1.00	
Ethylbenzene	ND	1.0	1.00	
2-Hexanone	ND	10	1.00	
Isopropylbenzene	ND	1.0	1.00	
p-Isopropyltoluene	ND	1.0	1.00	
Methylene Chloride	ND	10	1.00	
4-Methyl-2-Pentanone	ND	10	1.00	
Naphthalene	ND	10	1.00	
n-Propylbenzene	ND	1.0	1.00	
Styrene	ND	1.0	1.00	
1,1,1,2-Tetrachloroethane	ND	1.0	1.00	
1,1,2,2-Tetrachloroethane	ND	1.0	1.00	
Tetrachloroethene	ND	1.0	1.00	
Toluene	ND	1.0	1.00	
1,2,3-Trichlorobenzene	ND	1.0	1.00	
1,2,4-Trichlorobenzene	ND	1.0	1.00	
1,1,1-Trichloroethane	ND	1.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.00	
1,1,2-Trichloroethane	ND	1.0	1.00	
Trichloroethene	ND	1.0	1.00	
Trichlorofluoromethane	ND	10	1.00	
1,2,3-Trichloropropane	ND	5.0	1.00	
1,2,4-Trimethylbenzene	ND	1.0	1.00	
1,3,5-Trimethylbenzene	ND	1.0	1.00	
Vinyl Acetate	ND	10	1.00	
Vinyl Chloride	ND	0.50	1.00	
p/m-Xylene	ND	1.0	1.00	
o-Xylene	ND	1.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	98	80-120	
Dibromofluoromethane	111	78-126	
1,2-Dichloroethane-d4	99	75-135	
Toluene-d8	101	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-16B	**16-03-1400-2-A**	**03/15/16 14:20**	**Aqueous**	**GC/MS RR**	**03/17/16**	**03/17/16 23:52**	**160317L047**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	20	1.00	
Benzene	ND	0.50	1.00	
Bromobenzene	ND	1.0	1.00	
Bromochloromethane	ND	1.0	1.00	
Bromodichloromethane	ND	1.0	1.00	
Bromoform	ND	1.0	1.00	
Bromomethane	ND	10	1.00	
2-Butanone	ND	10	1.00	
n-Butylbenzene	ND	1.0	1.00	
sec-Butylbenzene	ND	1.0	1.00	
tert-Butylbenzene	ND	1.0	1.00	
Carbon Disulfide	ND	10	1.00	
Carbon Tetrachloride	ND	0.50	1.00	
Chlorobenzene	ND	1.0	1.00	
Chloroethane	ND	5.0	1.00	
Chloroform	ND	1.0	1.00	
Chloromethane	ND	10	1.00	
2-Chlorotoluene	ND	1.0	1.00	
4-Chlorotoluene	ND	1.0	1.00	
Dibromochloromethane	ND	1.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.00	
1,2-Dibromoethane	ND	1.0	1.00	
Dibromomethane	ND	1.0	1.00	
1,2-Dichlorobenzene	ND	1.0	1.00	
1,3-Dichlorobenzene	ND	1.0	1.00	
1,4-Dichlorobenzene	ND	1.0	1.00	
Dichlorodifluoromethane	ND	1.0	1.00	
1,1-Dichloroethane	ND	1.0	1.00	
1,2-Dichloroethane	ND	0.50	1.00	
1,1-Dichloroethene	ND	1.0	1.00	
c-1,2-Dichloroethene	ND	1.0	1.00	
t-1,2-Dichloroethene	ND	1.0	1.00	
1,2-Dichloropropane	ND	1.0	1.00	
1,3-Dichloropropane	ND	1.0	1.00	
2,2-Dichloropropane	ND	1.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	1.0	1.00	
c-1,3-Dichloropropene	ND	0.50	1.00	
t-1,3-Dichloropropene	ND	0.50	1.00	
Ethylbenzene	ND	1.0	1.00	
2-Hexanone	ND	10	1.00	
Isopropylbenzene	ND	1.0	1.00	
p-Isopropyltoluene	ND	1.0	1.00	
Methylene Chloride	ND	10	1.00	
4-Methyl-2-Pentanone	ND	10	1.00	
Naphthalene	ND	10	1.00	
n-Propylbenzene	ND	1.0	1.00	
Styrene	ND	1.0	1.00	
1,1,1,2-Tetrachloroethane	ND	1.0	1.00	
1,1,2,2-Tetrachloroethane	ND	1.0	1.00	
Tetrachloroethene	2.5	1.0	1.00	
Toluene	ND	1.0	1.00	
1,2,3-Trichlorobenzene	ND	1.0	1.00	
1,2,4-Trichlorobenzene	ND	1.0	1.00	
1,1,1-Trichloroethane	ND	1.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.00	
1,1,2-Trichloroethane	ND	1.0	1.00	
Trichloroethene	1.5	1.0	1.00	
Trichlorofluoromethane	ND	10	1.00	
1,2,3-Trichloropropane	ND	5.0	1.00	
1,2,4-Trimethylbenzene	ND	1.0	1.00	
1,3,5-Trimethylbenzene	ND	1.0	1.00	
Vinyl Acetate	ND	10	1.00	
Vinyl Chloride	ND	0.50	1.00	
p/m-Xylene	ND	1.0	1.00	
o-Xylene	ND	1.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	96	80-120	
Dibromofluoromethane	104	78-126	
1,2-Dichloroethane-d4	100	75-135	
Toluene-d8	99	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
K-1	**16-03-1400-3-A**	**03/15/16 15:08**	**Aqueous**	**GC/MS RR**	**03/17/16**	**03/18/16 00:28**	**160317L047**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	20	1.00	
Benzene	ND	0.50	1.00	
Bromobenzene	ND	1.0	1.00	
Bromochloromethane	ND	1.0	1.00	
Bromodichloromethane	ND	1.0	1.00	
Bromoform	ND	1.0	1.00	
Bromomethane	ND	10	1.00	
2-Butanone	ND	10	1.00	
n-Butylbenzene	ND	1.0	1.00	
sec-Butylbenzene	ND	1.0	1.00	
tert-Butylbenzene	ND	1.0	1.00	
Carbon Disulfide	ND	10	1.00	
Carbon Tetrachloride	ND	0.50	1.00	
Chlorobenzene	ND	1.0	1.00	
Chloroethane	ND	5.0	1.00	
Chloroform	ND	1.0	1.00	
Chloromethane	ND	10	1.00	
2-Chlorotoluene	ND	1.0	1.00	
4-Chlorotoluene	ND	1.0	1.00	
Dibromochloromethane	ND	1.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.00	
1,2-Dibromoethane	ND	1.0	1.00	
Dibromomethane	ND	1.0	1.00	
1,2-Dichlorobenzene	ND	1.0	1.00	
1,3-Dichlorobenzene	ND	1.0	1.00	
1,4-Dichlorobenzene	ND	1.0	1.00	
Dichlorodifluoromethane	ND	1.0	1.00	
1,1-Dichloroethane	ND	1.0	1.00	
1,2-Dichloroethane	ND	0.50	1.00	
1,1-Dichloroethene	ND	1.0	1.00	
c-1,2-Dichloroethene	ND	1.0	1.00	
t-1,2-Dichloroethene	ND	1.0	1.00	
1,2-Dichloropropane	ND	1.0	1.00	
1,3-Dichloropropane	ND	1.0	1.00	
2,2-Dichloropropane	ND	1.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	1.0	1.00	
c-1,3-Dichloropropene	ND	0.50	1.00	
t-1,3-Dichloropropene	ND	0.50	1.00	
Ethylbenzene	ND	1.0	1.00	
2-Hexanone	ND	10	1.00	
Isopropylbenzene	ND	1.0	1.00	
p-Isopropyltoluene	ND	1.0	1.00	
Methylene Chloride	ND	10	1.00	
4-Methyl-2-Pentanone	ND	10	1.00	
Naphthalene	ND	10	1.00	
n-Propylbenzene	ND	1.0	1.00	
Styrene	ND	1.0	1.00	
1,1,1,2-Tetrachloroethane	ND	1.0	1.00	
1,1,2,2-Tetrachloroethane	ND	1.0	1.00	
Tetrachloroethene	1.1	1.0	1.00	
Toluene	ND	1.0	1.00	
1,2,3-Trichlorobenzene	ND	1.0	1.00	
1,2,4-Trichlorobenzene	ND	1.0	1.00	
1,1,1-Trichloroethane	ND	1.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.00	
1,1,2-Trichloroethane	ND	1.0	1.00	
Trichloroethene	ND	1.0	1.00	
Trichlorofluoromethane	ND	10	1.00	
1,2,3-Trichloropropane	ND	5.0	1.00	
1,2,4-Trimethylbenzene	ND	1.0	1.00	
1,3,5-Trimethylbenzene	ND	1.0	1.00	
Vinyl Acetate	ND	10	1.00	
Vinyl Chloride	ND	0.50	1.00	
p/m-Xylene	ND	1.0	1.00	
o-Xylene	ND	1.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	98	80-120	
Dibromofluoromethane	104	78-126	
1,2-Dichloroethane-d4	101	75-135	
Toluene-d8	96	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-10B	**16-03-1400-4-A**	**03/15/16 16:42**	**Aqueous**	**GC/MS RR**	**03/17/16**	**03/18/16 01:03**	**160317L047**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	20	1.00	
Benzene	ND	0.50	1.00	
Bromobenzene	ND	1.0	1.00	
Bromochloromethane	ND	1.0	1.00	
Bromodichloromethane	ND	1.0	1.00	
Bromoform	ND	1.0	1.00	
Bromomethane	ND	10	1.00	
2-Butanone	ND	10	1.00	
n-Butylbenzene	ND	1.0	1.00	
sec-Butylbenzene	ND	1.0	1.00	
tert-Butylbenzene	ND	1.0	1.00	
Carbon Disulfide	ND	10	1.00	
Carbon Tetrachloride	ND	0.50	1.00	
Chlorobenzene	ND	1.0	1.00	
Chloroethane	ND	5.0	1.00	
Chloroform	ND	1.0	1.00	
Chloromethane	ND	10	1.00	
2-Chlorotoluene	ND	1.0	1.00	
4-Chlorotoluene	ND	1.0	1.00	
Dibromochloromethane	ND	1.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.00	
1,2-Dibromoethane	ND	1.0	1.00	
Dibromomethane	ND	1.0	1.00	
1,2-Dichlorobenzene	ND	1.0	1.00	
1,3-Dichlorobenzene	ND	1.0	1.00	
1,4-Dichlorobenzene	ND	1.0	1.00	
Dichlorodifluoromethane	ND	1.0	1.00	
1,1-Dichloroethane	ND	1.0	1.00	
1,2-Dichloroethane	ND	0.50	1.00	
1,1-Dichloroethene	ND	1.0	1.00	
c-1,2-Dichloroethene	8.6	1.0	1.00	
t-1,2-Dichloroethene	ND	1.0	1.00	
1,2-Dichloropropane	ND	1.0	1.00	
1,3-Dichloropropane	ND	1.0	1.00	
2,2-Dichloropropane	ND	1.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	1.0	1.00	
c-1,3-Dichloropropene	ND	0.50	1.00	
t-1,3-Dichloropropene	ND	0.50	1.00	
Ethylbenzene	ND	1.0	1.00	
2-Hexanone	ND	10	1.00	
Isopropylbenzene	ND	1.0	1.00	
p-Isopropyltoluene	ND	1.0	1.00	
Methylene Chloride	ND	10	1.00	
4-Methyl-2-Pentanone	ND	10	1.00	
Naphthalene	ND	10	1.00	
n-Propylbenzene	ND	1.0	1.00	
Styrene	ND	1.0	1.00	
1,1,1,2-Tetrachloroethane	ND	1.0	1.00	
1,1,2,2-Tetrachloroethane	ND	1.0	1.00	
Tetrachloroethene	ND	1.0	1.00	
Toluene	ND	1.0	1.00	
1,2,3-Trichlorobenzene	ND	1.0	1.00	
1,2,4-Trichlorobenzene	ND	1.0	1.00	
1,1,1-Trichloroethane	ND	1.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.00	
1,1,2-Trichloroethane	ND	1.0	1.00	
Trichloroethene	ND	1.0	1.00	
Trichlorofluoromethane	ND	10	1.00	
1,2,3-Trichloropropane	ND	5.0	1.00	
1,2,4-Trimethylbenzene	ND	1.0	1.00	
1,3,5-Trimethylbenzene	ND	1.0	1.00	
Vinyl Acetate	ND	10	1.00	
Vinyl Chloride	ND	0.50	1.00	
p/m-Xylene	ND	1.0	1.00	
o-Xylene	ND	1.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	99	80-120	
Dibromofluoromethane	119	78-126	
1,2-Dichloroethane-d4	98	75-135	
Toluene-d8	98	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-10A	**16-03-1400-5-A**	**03/15/16 17:00**	**Aqueous**	**GC/MS RR**	**03/17/16**	**03/18/16 01:38**	**160317L047**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	20	1.00	
Benzene	ND	0.50	1.00	
Bromobenzene	ND	1.0	1.00	
Bromochloromethane	ND	1.0	1.00	
Bromodichloromethane	ND	1.0	1.00	
Bromoform	ND	1.0	1.00	
Bromomethane	ND	10	1.00	
2-Butanone	ND	10	1.00	
n-Butylbenzene	ND	1.0	1.00	
sec-Butylbenzene	ND	1.0	1.00	
tert-Butylbenzene	ND	1.0	1.00	
Carbon Disulfide	ND	10	1.00	
Carbon Tetrachloride	ND	0.50	1.00	
Chlorobenzene	ND	1.0	1.00	
Chloroethane	ND	5.0	1.00	
Chloroform	ND	1.0	1.00	
Chloromethane	ND	10	1.00	
2-Chlorotoluene	ND	1.0	1.00	
4-Chlorotoluene	ND	1.0	1.00	
Dibromochloromethane	ND	1.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.00	
1,2-Dibromoethane	ND	1.0	1.00	
Dibromomethane	ND	1.0	1.00	
1,2-Dichlorobenzene	ND	1.0	1.00	
1,3-Dichlorobenzene	ND	1.0	1.00	
1,4-Dichlorobenzene	ND	1.0	1.00	
Dichlorodifluoromethane	ND	1.0	1.00	
1,1-Dichloroethane	ND	1.0	1.00	
1,2-Dichloroethane	ND	0.50	1.00	
1,1-Dichloroethene	ND	1.0	1.00	
c-1,2-Dichloroethene	13	1.0	1.00	
t-1,2-Dichloroethene	ND	1.0	1.00	
1,2-Dichloropropane	ND	1.0	1.00	
1,3-Dichloropropane	ND	1.0	1.00	
2,2-Dichloropropane	ND	1.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	1.0	1.00	
c-1,3-Dichloropropene	ND	0.50	1.00	
t-1,3-Dichloropropene	ND	0.50	1.00	
Ethylbenzene	ND	1.0	1.00	
2-Hexanone	ND	10	1.00	
Isopropylbenzene	ND	1.0	1.00	
p-Isopropyltoluene	ND	1.0	1.00	
Methylene Chloride	ND	10	1.00	
4-Methyl-2-Pentanone	ND	10	1.00	
Naphthalene	ND	10	1.00	
n-Propylbenzene	ND	1.0	1.00	
Styrene	ND	1.0	1.00	
1,1,1,2-Tetrachloroethane	ND	1.0	1.00	
1,1,2,2-Tetrachloroethane	ND	1.0	1.00	
Tetrachloroethene	3.5	1.0	1.00	
Toluene	ND	1.0	1.00	
1,2,3-Trichlorobenzene	ND	1.0	1.00	
1,2,4-Trichlorobenzene	ND	1.0	1.00	
1,1,1-Trichloroethane	ND	1.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.00	
1,1,2-Trichloroethane	ND	1.0	1.00	
Trichloroethene	2.9	1.0	1.00	
Trichlorofluoromethane	ND	10	1.00	
1,2,3-Trichloropropane	ND	5.0	1.00	
1,2,4-Trimethylbenzene	ND	1.0	1.00	
1,3,5-Trimethylbenzene	ND	1.0	1.00	
Vinyl Acetate	ND	10	1.00	
Vinyl Chloride	ND	0.50	1.00	
p/m-Xylene	ND	1.0	1.00	
o-Xylene	ND	1.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	100	80-120	
Dibromofluoromethane	121	78-126	
1,2-Dichloroethane-d4	101	75-135	
Toluene-d8	98	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-9A	**16-03-1400-6-A**	**03/15/16 17:54**	**Aqueous**	**GC/MS RR**	**03/17/16**	**03/18/16 02:14**	**160317L047**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	20	1.00	
Benzene	ND	0.50	1.00	
Bromobenzene	ND	1.0	1.00	
Bromochloromethane	ND	1.0	1.00	
Bromodichloromethane	ND	1.0	1.00	
Bromoform	ND	1.0	1.00	
Bromomethane	ND	10	1.00	
2-Butanone	ND	10	1.00	
n-Butylbenzene	ND	1.0	1.00	
sec-Butylbenzene	ND	1.0	1.00	
tert-Butylbenzene	ND	1.0	1.00	
Carbon Disulfide	ND	10	1.00	
Carbon Tetrachloride	ND	0.50	1.00	
Chlorobenzene	ND	1.0	1.00	
Chloroethane	ND	5.0	1.00	
Chloroform	ND	1.0	1.00	
Chloromethane	ND	10	1.00	
2-Chlorotoluene	ND	1.0	1.00	
4-Chlorotoluene	ND	1.0	1.00	
Dibromochloromethane	ND	1.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.00	
1,2-Dibromoethane	ND	1.0	1.00	
Dibromomethane	ND	1.0	1.00	
1,2-Dichlorobenzene	ND	1.0	1.00	
1,3-Dichlorobenzene	ND	1.0	1.00	
1,4-Dichlorobenzene	ND	1.0	1.00	
Dichlorodifluoromethane	ND	1.0	1.00	
1,1-Dichloroethane	ND	1.0	1.00	
1,2-Dichloroethane	ND	0.50	1.00	
1,1-Dichloroethene	ND	1.0	1.00	
c-1,2-Dichloroethene	11	1.0	1.00	
t-1,2-Dichloroethene	ND	1.0	1.00	
1,2-Dichloropropane	ND	1.0	1.00	
1,3-Dichloropropane	ND	1.0	1.00	
2,2-Dichloropropane	ND	1.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	1.0	1.00	
c-1,3-Dichloropropene	ND	0.50	1.00	
t-1,3-Dichloropropene	ND	0.50	1.00	
Ethylbenzene	ND	1.0	1.00	
2-Hexanone	ND	10	1.00	
Isopropylbenzene	ND	1.0	1.00	
p-Isopropyltoluene	ND	1.0	1.00	
Methylene Chloride	ND	10	1.00	
4-Methyl-2-Pentanone	ND	10	1.00	
Naphthalene	ND	10	1.00	
n-Propylbenzene	ND	1.0	1.00	
Styrene	ND	1.0	1.00	
1,1,1,2-Tetrachloroethane	ND	1.0	1.00	
1,1,2,2-Tetrachloroethane	ND	1.0	1.00	
Tetrachloroethene	1.6	1.0	1.00	
Toluene	ND	1.0	1.00	
1,2,3-Trichlorobenzene	ND	1.0	1.00	
1,2,4-Trichlorobenzene	ND	1.0	1.00	
1,1,1-Trichloroethane	ND	1.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.00	
1,1,2-Trichloroethane	ND	1.0	1.00	
Trichloroethene	1.2	1.0	1.00	
Trichlorofluoromethane	ND	10	1.00	
1,2,3-Trichloropropane	ND	5.0	1.00	
1,2,4-Trimethylbenzene	ND	1.0	1.00	
1,3,5-Trimethylbenzene	ND	1.0	1.00	
Vinyl Acetate	ND	10	1.00	
Vinyl Chloride	ND	0.50	1.00	
p/m-Xylene	ND	1.0	1.00	
o-Xylene	ND	1.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	98	80-120	
Dibromofluoromethane	124	78-126	
1,2-Dichloroethane-d4	99	75-135	
Toluene-d8	99	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-7	**16-03-1400-7-A**	**03/15/16 19:18**	**Aqueous**	**GC/MS RR**	**03/17/16**	**03/18/16 02:49**	**160317L047**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	20	1.00	
Benzene	ND	0.50	1.00	
Bromobenzene	ND	1.0	1.00	
Bromochloromethane	ND	1.0	1.00	
Bromodichloromethane	ND	1.0	1.00	
Bromoform	ND	1.0	1.00	
Bromomethane	ND	10	1.00	
2-Butanone	ND	10	1.00	
n-Butylbenzene	ND	1.0	1.00	
sec-Butylbenzene	ND	1.0	1.00	
tert-Butylbenzene	ND	1.0	1.00	
Carbon Disulfide	ND	10	1.00	
Carbon Tetrachloride	ND	0.50	1.00	
Chlorobenzene	ND	1.0	1.00	
Chloroethane	ND	5.0	1.00	
Chloroform	ND	1.0	1.00	
Chloromethane	ND	10	1.00	
2-Chlorotoluene	ND	1.0	1.00	
4-Chlorotoluene	ND	1.0	1.00	
Dibromochloromethane	ND	1.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.00	
1,2-Dibromoethane	ND	1.0	1.00	
Dibromomethane	ND	1.0	1.00	
1,2-Dichlorobenzene	ND	1.0	1.00	
1,3-Dichlorobenzene	ND	1.0	1.00	
1,4-Dichlorobenzene	ND	1.0	1.00	
Dichlorodifluoromethane	ND	1.0	1.00	
1,1-Dichloroethane	ND	1.0	1.00	
1,2-Dichloroethane	ND	0.50	1.00	
1,1-Dichloroethene	ND	1.0	1.00	
c-1,2-Dichloroethene	2.2	1.0	1.00	
t-1,2-Dichloroethene	ND	1.0	1.00	
1,2-Dichloropropane	ND	1.0	1.00	
1,3-Dichloropropane	ND	1.0	1.00	
2,2-Dichloropropane	ND	1.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	1.0	1.00	
c-1,3-Dichloropropene	ND	0.50	1.00	
t-1,3-Dichloropropene	ND	0.50	1.00	
Ethylbenzene	ND	1.0	1.00	
2-Hexanone	ND	10	1.00	
Isopropylbenzene	ND	1.0	1.00	
p-Isopropyltoluene	ND	1.0	1.00	
Methylene Chloride	ND	10	1.00	
4-Methyl-2-Pentanone	ND	10	1.00	
Naphthalene	ND	10	1.00	
n-Propylbenzene	ND	1.0	1.00	
Styrene	ND	1.0	1.00	
1,1,1,2-Tetrachloroethane	ND	1.0	1.00	
1,1,2,2-Tetrachloroethane	ND	1.0	1.00	
Tetrachloroethene	2.4	1.0	1.00	
Toluene	ND	1.0	1.00	
1,2,3-Trichlorobenzene	ND	1.0	1.00	
1,2,4-Trichlorobenzene	ND	1.0	1.00	
1,1,1-Trichloroethane	ND	1.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.00	
1,1,2-Trichloroethane	ND	1.0	1.00	
Trichloroethene	ND	1.0	1.00	
Trichlorofluoromethane	ND	10	1.00	
1,2,3-Trichloropropane	ND	5.0	1.00	
1,2,4-Trimethylbenzene	ND	1.0	1.00	
1,3,5-Trimethylbenzene	ND	1.0	1.00	
Vinyl Acetate	ND	10	1.00	
Vinyl Chloride	ND	0.50	1.00	
p/m-Xylene	ND	1.0	1.00	
o-Xylene	ND	1.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	98	80-120	
Dibromofluoromethane	115	78-126	
1,2-Dichloroethane-d4	98	75-135	
Toluene-d8	98	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-13A	**16-03-1400-8-A**	**03/16/16 05:00**	**Aqueous**	**GC/MS RR**	**03/17/16**	**03/18/16 03:24**	**160317L047**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	20	1.00	
Benzene	ND	0.50	1.00	
Bromobenzene	ND	1.0	1.00	
Bromochloromethane	ND	1.0	1.00	
Bromodichloromethane	ND	1.0	1.00	
Bromoform	ND	1.0	1.00	
Bromomethane	ND	10	1.00	
2-Butanone	ND	10	1.00	
n-Butylbenzene	ND	1.0	1.00	
sec-Butylbenzene	ND	1.0	1.00	
tert-Butylbenzene	ND	1.0	1.00	
Carbon Disulfide	ND	10	1.00	
Carbon Tetrachloride	ND	0.50	1.00	
Chlorobenzene	ND	1.0	1.00	
Chloroethane	ND	5.0	1.00	
Chloroform	ND	1.0	1.00	
Chloromethane	ND	10	1.00	
2-Chlorotoluene	ND	1.0	1.00	
4-Chlorotoluene	ND	1.0	1.00	
Dibromochloromethane	ND	1.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.00	
1,2-Dibromoethane	ND	1.0	1.00	
Dibromomethane	ND	1.0	1.00	
1,2-Dichlorobenzene	ND	1.0	1.00	
1,3-Dichlorobenzene	ND	1.0	1.00	
1,4-Dichlorobenzene	ND	1.0	1.00	
Dichlorodifluoromethane	ND	1.0	1.00	
1,1-Dichloroethane	ND	1.0	1.00	
1,2-Dichloroethane	ND	0.50	1.00	
1,1-Dichloroethene	ND	1.0	1.00	
c-1,2-Dichloroethene	ND	1.0	1.00	
t-1,2-Dichloroethene	ND	1.0	1.00	
1,2-Dichloropropane	ND	1.0	1.00	
1,3-Dichloropropane	ND	1.0	1.00	
2,2-Dichloropropane	ND	1.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell	Date Received:	03/17/16
8201 Norman Center Drive, Suite 300	Work Order:	16-03-1400
Bloomington, MN 55437-0001	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: AmeriPride - LA / 89698		Page 16 of 42

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	1.0	1.00	
c-1,3-Dichloropropene	ND	0.50	1.00	
t-1,3-Dichloropropene	ND	0.50	1.00	
Ethylbenzene	ND	1.0	1.00	
2-Hexanone	ND	10	1.00	
Isopropylbenzene	ND	1.0	1.00	
p-Isopropyltoluene	ND	1.0	1.00	
Methylene Chloride	ND	10	1.00	
4-Methyl-2-Pentanone	ND	10	1.00	
Naphthalene	ND	10	1.00	
n-Propylbenzene	ND	1.0	1.00	
Styrene	ND	1.0	1.00	
1,1,1,2-Tetrachloroethane	ND	1.0	1.00	
1,1,2,2-Tetrachloroethane	ND	1.0	1.00	
Tetrachloroethene	2.5	1.0	1.00	
Toluene	ND	1.0	1.00	
1,2,3-Trichlorobenzene	ND	1.0	1.00	
1,2,4-Trichlorobenzene	ND	1.0	1.00	
1,1,1-Trichloroethane	ND	1.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.00	
1,1,2-Trichloroethane	ND	1.0	1.00	
Trichloroethene	ND	1.0	1.00	
Trichlorofluoromethane	ND	10	1.00	
1,2,3-Trichloropropane	ND	5.0	1.00	
1,2,4-Trimethylbenzene	ND	1.0	1.00	
1,3,5-Trimethylbenzene	ND	1.0	1.00	
Vinyl Acetate	ND	10	1.00	
Vinyl Chloride	ND	0.50	1.00	
p/m-Xylene	ND	1.0	1.00	
o-Xylene	ND	1.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	97	80-120	
Dibromofluoromethane	110	78-126	
1,2-Dichloroethane-d4	98	75-135	
Toluene-d8	99	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-13B	**16-03-1400-9-A**	**03/16/16 05:30**	**Aqueous**	**GC/MS RR**	**03/18/16**	**03/18/16 20:53**	**160318L029**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	20	1.00	
Benzene	ND	0.50	1.00	
Bromobenzene	ND	1.0	1.00	
Bromochloromethane	ND	1.0	1.00	
Bromodichloromethane	ND	1.0	1.00	
Bromoform	ND	1.0	1.00	
Bromomethane	ND	10	1.00	
2-Butanone	ND	10	1.00	
n-Butylbenzene	ND	1.0	1.00	
sec-Butylbenzene	ND	1.0	1.00	
tert-Butylbenzene	ND	1.0	1.00	
Carbon Disulfide	ND	10	1.00	
Carbon Tetrachloride	ND	0.50	1.00	
Chlorobenzene	ND	1.0	1.00	
Chloroethane	ND	5.0	1.00	
Chloroform	ND	1.0	1.00	
Chloromethane	ND	10	1.00	
2-Chlorotoluene	ND	1.0	1.00	
4-Chlorotoluene	ND	1.0	1.00	
Dibromochloromethane	ND	1.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.00	
1,2-Dibromoethane	ND	1.0	1.00	
Dibromomethane	ND	1.0	1.00	
1,2-Dichlorobenzene	ND	1.0	1.00	
1,3-Dichlorobenzene	ND	1.0	1.00	
1,4-Dichlorobenzene	ND	1.0	1.00	
Dichlorodifluoromethane	ND	1.0	1.00	
1,1-Dichloroethane	ND	1.0	1.00	
1,2-Dichloroethane	ND	0.50	1.00	
1,1-Dichloroethene	ND	1.0	1.00	
c-1,2-Dichloroethene	ND	1.0	1.00	
t-1,2-Dichloroethene	ND	1.0	1.00	
1,2-Dichloropropane	ND	1.0	1.00	
1,3-Dichloropropane	ND	1.0	1.00	
2,2-Dichloropropane	ND	1.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell	Date Received:	03/17/16
8201 Norman Center Drive, Suite 300	Work Order:	16-03-1400
Bloomington, MN 55437-0001	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: AmeriPride - LA / 89698		Page 18 of 42

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	1.0	1.00	
c-1,3-Dichloropropene	ND	0.50	1.00	
t-1,3-Dichloropropene	ND	0.50	1.00	
Ethylbenzene	ND	1.0	1.00	
2-Hexanone	ND	10	1.00	
Isopropylbenzene	ND	1.0	1.00	
p-Isopropyltoluene	ND	1.0	1.00	
Methylene Chloride	ND	10	1.00	
4-Methyl-2-Pentanone	ND	10	1.00	
Naphthalene	ND	10	1.00	
n-Propylbenzene	ND	1.0	1.00	
Styrene	ND	1.0	1.00	
1,1,1,2-Tetrachloroethane	ND	1.0	1.00	
1,1,2,2-Tetrachloroethane	ND	1.0	1.00	
Tetrachloroethene	1.4	1.0	1.00	
Toluene	ND	1.0	1.00	
1,2,3-Trichlorobenzene	ND	1.0	1.00	
1,2,4-Trichlorobenzene	ND	1.0	1.00	
1,1,1-Trichloroethane	ND	1.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.00	
1,1,2-Trichloroethane	ND	1.0	1.00	
Trichloroethene	ND	1.0	1.00	
Trichlorofluoromethane	ND	10	1.00	
1,2,3-Trichloropropane	ND	5.0	1.00	
1,2,4-Trimethylbenzene	ND	1.0	1.00	
1,3,5-Trimethylbenzene	ND	1.0	1.00	
Vinyl Acetate	ND	10	1.00	
Vinyl Chloride	ND	0.50	1.00	
p/m-Xylene	ND	1.0	1.00	
o-Xylene	ND	1.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	95	80-120	
Dibromofluoromethane	103	78-126	
1,2-Dichloroethane-d4	98	75-135	
Toluene-d8	99	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-14	**16-03-1400-10-A**	**03/16/16 06:35**	**Aqueous**	**GC/MS RR**	**03/18/16**	**03/18/16 23:15**	**160318L029**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	20	1.00	
Benzene	ND	0.50	1.00	
Bromobenzene	ND	1.0	1.00	
Bromochloromethane	ND	1.0	1.00	
Bromodichloromethane	ND	1.0	1.00	
Bromoform	ND	1.0	1.00	
Bromomethane	ND	10	1.00	
2-Butanone	ND	10	1.00	
n-Butylbenzene	ND	1.0	1.00	
sec-Butylbenzene	ND	1.0	1.00	
tert-Butylbenzene	ND	1.0	1.00	
Carbon Disulfide	ND	10	1.00	
Carbon Tetrachloride	ND	0.50	1.00	
Chlorobenzene	ND	1.0	1.00	
Chloroethane	ND	5.0	1.00	
Chloroform	ND	1.0	1.00	
Chloromethane	ND	10	1.00	
2-Chlorotoluene	ND	1.0	1.00	
4-Chlorotoluene	ND	1.0	1.00	
Dibromochloromethane	ND	1.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.00	
1,2-Dibromoethane	ND	1.0	1.00	
Dibromomethane	ND	1.0	1.00	
1,2-Dichlorobenzene	ND	1.0	1.00	
1,3-Dichlorobenzene	ND	1.0	1.00	
1,4-Dichlorobenzene	ND	1.0	1.00	
Dichlorodifluoromethane	ND	1.0	1.00	
1,1-Dichloroethane	ND	1.0	1.00	
1,2-Dichloroethane	ND	0.50	1.00	
1,1-Dichloroethene	ND	1.0	1.00	
c-1,2-Dichloroethene	1.4	1.0	1.00	
t-1,2-Dichloroethene	ND	1.0	1.00	
1,2-Dichloropropane	ND	1.0	1.00	
1,3-Dichloropropane	ND	1.0	1.00	
2,2-Dichloropropane	ND	1.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell	Date Received:	03/17/16
8201 Norman Center Drive, Suite 300	Work Order:	16-03-1400
Bloomington, MN 55437-0001	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: AmeriPride - LA / 89698		Page 20 of 42

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	1.0	1.00	
c-1,3-Dichloropropene	ND	0.50	1.00	
t-1,3-Dichloropropene	ND	0.50	1.00	
Ethylbenzene	ND	1.0	1.00	
2-Hexanone	ND	10	1.00	
Isopropylbenzene	ND	1.0	1.00	
p-Isopropyltoluene	ND	1.0	1.00	
Methylene Chloride	ND	10	1.00	
4-Methyl-2-Pentanone	ND	10	1.00	
Naphthalene	ND	10	1.00	
n-Propylbenzene	ND	1.0	1.00	
Styrene	ND	1.0	1.00	
1,1,1,2-Tetrachloroethane	ND	1.0	1.00	
1,1,2,2-Tetrachloroethane	ND	1.0	1.00	
Tetrachloroethene	6.5	1.0	1.00	
Toluene	ND	1.0	1.00	
1,2,3-Trichlorobenzene	ND	1.0	1.00	
1,2,4-Trichlorobenzene	ND	1.0	1.00	
1,1,1-Trichloroethane	ND	1.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.00	
1,1,2-Trichloroethane	ND	1.0	1.00	
Trichloroethene	ND	1.0	1.00	
Trichlorofluoromethane	ND	10	1.00	
1,2,3-Trichloropropane	ND	5.0	1.00	
1,2,4-Trimethylbenzene	ND	1.0	1.00	
1,3,5-Trimethylbenzene	ND	1.0	1.00	
Vinyl Acetate	ND	10	1.00	
Vinyl Chloride	ND	0.50	1.00	
p/m-Xylene	ND	1.0	1.00	
o-Xylene	ND	1.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	96	80-120	
Dibromofluoromethane	109	78-126	
1,2-Dichloroethane-d4	96	75-135	
Toluene-d8	98	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-15	**16-03-1400-11-A**	**03/16/16 07:40**	**Aqueous**	**GC/MS RR**	**03/18/16**	**03/18/16 23:50**	**160318L029**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	20	1.00	
Benzene	ND	0.50	1.00	
Bromobenzene	ND	1.0	1.00	
Bromochloromethane	ND	1.0	1.00	
Bromodichloromethane	ND	1.0	1.00	
Bromoform	ND	1.0	1.00	
Bromomethane	ND	10	1.00	
2-Butanone	ND	10	1.00	
n-Butylbenzene	ND	1.0	1.00	
sec-Butylbenzene	ND	1.0	1.00	
tert-Butylbenzene	ND	1.0	1.00	
Carbon Disulfide	ND	10	1.00	
Carbon Tetrachloride	ND	0.50	1.00	
Chlorobenzene	ND	1.0	1.00	
Chloroethane	ND	5.0	1.00	
Chloroform	ND	1.0	1.00	
Chloromethane	ND	10	1.00	
2-Chlorotoluene	ND	1.0	1.00	
4-Chlorotoluene	ND	1.0	1.00	
Dibromochloromethane	ND	1.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.00	
1,2-Dibromoethane	ND	1.0	1.00	
Dibromomethane	ND	1.0	1.00	
1,2-Dichlorobenzene	ND	1.0	1.00	
1,3-Dichlorobenzene	ND	1.0	1.00	
1,4-Dichlorobenzene	ND	1.0	1.00	
Dichlorodifluoromethane	ND	1.0	1.00	
1,1-Dichloroethane	ND	1.0	1.00	
1,2-Dichloroethane	ND	0.50	1.00	
1,1-Dichloroethene	ND	1.0	1.00	
c-1,2-Dichloroethene	3.4	1.0	1.00	
t-1,2-Dichloroethene	ND	1.0	1.00	
1,2-Dichloropropane	ND	1.0	1.00	
1,3-Dichloropropane	ND	1.0	1.00	
2,2-Dichloropropane	ND	1.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	1.0	1.00	
c-1,3-Dichloropropene	ND	0.50	1.00	
t-1,3-Dichloropropene	ND	0.50	1.00	
Ethylbenzene	ND	1.0	1.00	
2-Hexanone	ND	10	1.00	
Isopropylbenzene	ND	1.0	1.00	
p-Isopropyltoluene	ND	1.0	1.00	
Methylene Chloride	ND	10	1.00	
4-Methyl-2-Pentanone	ND	10	1.00	
Naphthalene	ND	10	1.00	
n-Propylbenzene	ND	1.0	1.00	
Styrene	ND	1.0	1.00	
1,1,1,2-Tetrachloroethane	ND	1.0	1.00	
1,1,2,2-Tetrachloroethane	ND	1.0	1.00	
Tetrachloroethene	8.7	1.0	1.00	
Toluene	ND	1.0	1.00	
1,2,3-Trichlorobenzene	ND	1.0	1.00	
1,2,4-Trichlorobenzene	ND	1.0	1.00	
1,1,1-Trichloroethane	ND	1.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.00	
1,1,2-Trichloroethane	ND	1.0	1.00	
Trichloroethene	2.7	1.0	1.00	
Trichlorofluoromethane	ND	10	1.00	
1,2,3-Trichloropropane	ND	5.0	1.00	
1,2,4-Trimethylbenzene	ND	1.0	1.00	
1,3,5-Trimethylbenzene	ND	1.0	1.00	
Vinyl Acetate	ND	10	1.00	
Vinyl Chloride	ND	0.50	1.00	
p/m-Xylene	ND	1.0	1.00	
o-Xylene	ND	1.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	97	80-120	
Dibromofluoromethane	111	78-126	
1,2-Dichloroethane-d4	99	75-135	
Toluene-d8	98	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-3	**16-03-1400-12-A**	**03/16/16 09:26**	**Aqueous**	**GC/MS RR**	**03/18/16**	**03/19/16 00:26**	**160318L029**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	20	1.00	
Benzene	ND	0.50	1.00	
Bromobenzene	ND	1.0	1.00	
Bromochloromethane	ND	1.0	1.00	
Bromodichloromethane	ND	1.0	1.00	
Bromoform	ND	1.0	1.00	
Bromomethane	ND	10	1.00	
2-Butanone	ND	10	1.00	
n-Butylbenzene	ND	1.0	1.00	
sec-Butylbenzene	ND	1.0	1.00	
tert-Butylbenzene	ND	1.0	1.00	
Carbon Disulfide	ND	10	1.00	
Carbon Tetrachloride	ND	0.50	1.00	
Chlorobenzene	ND	1.0	1.00	
Chloroethane	ND	5.0	1.00	
Chloroform	ND	1.0	1.00	
Chloromethane	ND	10	1.00	
2-Chlorotoluene	ND	1.0	1.00	
4-Chlorotoluene	ND	1.0	1.00	
Dibromochloromethane	ND	1.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.00	
1,2-Dibromoethane	ND	1.0	1.00	
Dibromomethane	ND	1.0	1.00	
1,2-Dichlorobenzene	ND	1.0	1.00	
1,3-Dichlorobenzene	ND	1.0	1.00	
1,4-Dichlorobenzene	ND	1.0	1.00	
Dichlorodifluoromethane	ND	1.0	1.00	
1,1-Dichloroethane	ND	1.0	1.00	
1,2-Dichloroethane	ND	0.50	1.00	
1,1-Dichloroethene	ND	1.0	1.00	
c-1,2-Dichloroethene	ND	1.0	1.00	
t-1,2-Dichloroethene	ND	1.0	1.00	
1,2-Dichloropropane	ND	1.0	1.00	
1,3-Dichloropropane	ND	1.0	1.00	
2,2-Dichloropropane	ND	1.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell	Date Received:	03/17/16
8201 Norman Center Drive, Suite 300	Work Order:	16-03-1400
Bloomington, MN 55437-0001	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: AmeriPride - LA / 89698		Page 24 of 42

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	1.0	1.00	
c-1,3-Dichloropropene	ND	0.50	1.00	
t-1,3-Dichloropropene	ND	0.50	1.00	
Ethylbenzene	ND	1.0	1.00	
2-Hexanone	ND	10	1.00	
Isopropylbenzene	ND	1.0	1.00	
p-Isopropyltoluene	ND	1.0	1.00	
Methylene Chloride	ND	10	1.00	
4-Methyl-2-Pentanone	ND	10	1.00	
Naphthalene	ND	10	1.00	
n-Propylbenzene	ND	1.0	1.00	
Styrene	ND	1.0	1.00	
1,1,1,2-Tetrachloroethane	ND	1.0	1.00	
1,1,2,2-Tetrachloroethane	ND	1.0	1.00	
Tetrachloroethene	7.4	1.0	1.00	
Toluene	ND	1.0	1.00	
1,2,3-Trichlorobenzene	ND	1.0	1.00	
1,2,4-Trichlorobenzene	ND	1.0	1.00	
1,1,1-Trichloroethane	ND	1.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.00	
1,1,2-Trichloroethane	ND	1.0	1.00	
Trichloroethene	ND	1.0	1.00	
Trichlorofluoromethane	ND	10	1.00	
1,2,3-Trichloropropane	ND	5.0	1.00	
1,2,4-Trimethylbenzene	ND	1.0	1.00	
1,3,5-Trimethylbenzene	ND	1.0	1.00	
Vinyl Acetate	ND	10	1.00	
Vinyl Chloride	ND	0.50	1.00	
p/m-Xylene	ND	1.0	1.00	
o-Xylene	ND	1.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	96	80-120	
Dibromofluoromethane	110	78-126	
1,2-Dichloroethane-d4	98	75-135	
Toluene-d8	99	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-12	**16-03-1400-13-A**	**03/16/16 10:20**	**Aqueous**	**GC/MS RR**	**03/18/16**	**03/19/16 01:01**	**160318L029**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	20	1.00	
Benzene	ND	0.50	1.00	
Bromobenzene	ND	1.0	1.00	
Bromochloromethane	ND	1.0	1.00	
Bromodichloromethane	ND	1.0	1.00	
Bromoform	ND	1.0	1.00	
Bromomethane	ND	10	1.00	
2-Butanone	ND	10	1.00	
n-Butylbenzene	ND	1.0	1.00	
sec-Butylbenzene	ND	1.0	1.00	
tert-Butylbenzene	ND	1.0	1.00	
Carbon Disulfide	ND	10	1.00	
Carbon Tetrachloride	ND	0.50	1.00	
Chlorobenzene	ND	1.0	1.00	
Chloroethane	ND	5.0	1.00	
Chloroform	ND	1.0	1.00	
Chloromethane	ND	10	1.00	
2-Chlorotoluene	ND	1.0	1.00	
4-Chlorotoluene	ND	1.0	1.00	
Dibromochloromethane	ND	1.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.00	
1,2-Dibromoethane	ND	1.0	1.00	
Dibromomethane	ND	1.0	1.00	
1,2-Dichlorobenzene	ND	1.0	1.00	
1,3-Dichlorobenzene	ND	1.0	1.00	
1,4-Dichlorobenzene	ND	1.0	1.00	
Dichlorodifluoromethane	ND	1.0	1.00	
1,1-Dichloroethane	ND	1.0	1.00	
1,2-Dichloroethane	ND	0.50	1.00	
1,1-Dichloroethene	ND	1.0	1.00	
c-1,2-Dichloroethene	2.0	1.0	1.00	
t-1,2-Dichloroethene	ND	1.0	1.00	
1,2-Dichloropropane	ND	1.0	1.00	
1,3-Dichloropropane	ND	1.0	1.00	
2,2-Dichloropropane	ND	1.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell	Date Received:	03/17/16
8201 Norman Center Drive, Suite 300	Work Order:	16-03-1400
Bloomington, MN 55437-0001	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: AmeriPride - LA / 89698		Page 26 of 42

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	1.0	1.00	
c-1,3-Dichloropropene	ND	0.50	1.00	
t-1,3-Dichloropropene	ND	0.50	1.00	
Ethylbenzene	ND	1.0	1.00	
2-Hexanone	ND	10	1.00	
Isopropylbenzene	ND	1.0	1.00	
p-Isopropyltoluene	ND	1.0	1.00	
Methylene Chloride	ND	10	1.00	
4-Methyl-2-Pentanone	ND	10	1.00	
Naphthalene	ND	10	1.00	
n-Propylbenzene	ND	1.0	1.00	
Styrene	ND	1.0	1.00	
1,1,1,2-Tetrachloroethane	ND	1.0	1.00	
1,1,2,2-Tetrachloroethane	ND	1.0	1.00	
Tetrachloroethene	7.8	1.0	1.00	
Toluene	ND	1.0	1.00	
1,2,3-Trichlorobenzene	ND	1.0	1.00	
1,2,4-Trichlorobenzene	ND	1.0	1.00	
1,1,1-Trichloroethane	ND	1.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.00	
1,1,2-Trichloroethane	ND	1.0	1.00	
Trichloroethene	4.2	1.0	1.00	
Trichlorofluoromethane	ND	10	1.00	
1,2,3-Trichloropropane	ND	5.0	1.00	
1,2,4-Trimethylbenzene	ND	1.0	1.00	
1,3,5-Trimethylbenzene	ND	1.0	1.00	
Vinyl Acetate	ND	10	1.00	
Vinyl Chloride	ND	0.50	1.00	
p/m-Xylene	ND	1.0	1.00	
o-Xylene	ND	1.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	96	80-120	
Dibromofluoromethane	109	78-126	
1,2-Dichloroethane-d4	99	75-135	
Toluene-d8	100	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-11	**16-03-1400-14-A**	**03/16/16 11:46**	**Aqueous**	**GC/MS RR**	**03/18/16**	**03/19/16 01:36**	**160318L029**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	20	1.00	
Benzene	ND	0.50	1.00	
Bromobenzene	ND	1.0	1.00	
Bromochloromethane	ND	1.0	1.00	
Bromodichloromethane	ND	1.0	1.00	
Bromoform	ND	1.0	1.00	
Bromomethane	ND	10	1.00	
2-Butanone	ND	10	1.00	
n-Butylbenzene	ND	1.0	1.00	
sec-Butylbenzene	ND	1.0	1.00	
tert-Butylbenzene	ND	1.0	1.00	
Carbon Disulfide	ND	10	1.00	
Carbon Tetrachloride	ND	0.50	1.00	
Chlorobenzene	ND	1.0	1.00	
Chloroethane	ND	5.0	1.00	
Chloroform	ND	1.0	1.00	
Chloromethane	ND	10	1.00	
2-Chlorotoluene	ND	1.0	1.00	
4-Chlorotoluene	ND	1.0	1.00	
Dibromochloromethane	ND	1.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.00	
1,2-Dibromoethane	ND	1.0	1.00	
Dibromomethane	ND	1.0	1.00	
1,2-Dichlorobenzene	ND	1.0	1.00	
1,3-Dichlorobenzene	ND	1.0	1.00	
1,4-Dichlorobenzene	ND	1.0	1.00	
Dichlorodifluoromethane	ND	1.0	1.00	
1,1-Dichloroethane	ND	1.0	1.00	
1,2-Dichloroethane	ND	0.50	1.00	
1,1-Dichloroethene	ND	1.0	1.00	
c-1,2-Dichloroethene	ND	1.0	1.00	
t-1,2-Dichloroethene	ND	1.0	1.00	
1,2-Dichloropropane	ND	1.0	1.00	
1,3-Dichloropropane	ND	1.0	1.00	
2,2-Dichloropropane	ND	1.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell	Date Received:	03/17/16
8201 Norman Center Drive, Suite 300	Work Order:	16-03-1400
Bloomington, MN 55437-0001	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: AmeriPride - LA / 89698		Page 28 of 42

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	1.0	1.00	
c-1,3-Dichloropropene	ND	0.50	1.00	
t-1,3-Dichloropropene	ND	0.50	1.00	
Ethylbenzene	ND	1.0	1.00	
2-Hexanone	ND	10	1.00	
Isopropylbenzene	ND	1.0	1.00	
p-Isopropyltoluene	ND	1.0	1.00	
Methylene Chloride	ND	10	1.00	
4-Methyl-2-Pentanone	ND	10	1.00	
Naphthalene	ND	10	1.00	
n-Propylbenzene	ND	1.0	1.00	
Styrene	ND	1.0	1.00	
1,1,1,2-Tetrachloroethane	ND	1.0	1.00	
1,1,2,2-Tetrachloroethane	ND	1.0	1.00	
Tetrachloroethene	9.3	1.0	1.00	
Toluene	ND	1.0	1.00	
1,2,3-Trichlorobenzene	ND	1.0	1.00	
1,2,4-Trichlorobenzene	ND	1.0	1.00	
1,1,1-Trichloroethane	ND	1.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.00	
1,1,2-Trichloroethane	ND	1.0	1.00	
Trichloroethene	ND	1.0	1.00	
Trichlorofluoromethane	ND	10	1.00	
1,2,3-Trichloropropane	ND	5.0	1.00	
1,2,4-Trimethylbenzene	ND	1.0	1.00	
1,3,5-Trimethylbenzene	ND	1.0	1.00	
Vinyl Acetate	ND	10	1.00	
Vinyl Chloride	ND	0.50	1.00	
p/m-Xylene	ND	1.0	1.00	
o-Xylene	ND	1.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	97	80-120	
Dibromofluoromethane	114	78-126	
1,2-Dichloroethane-d4	98	75-135	
Toluene-d8	99	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-16A	**16-03-1400-15-A**	**03/16/16 12:32**	**Aqueous**	**GC/MS RR**	**03/18/16**	**03/19/16 02:12**	**160318L029**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	20	1.00	
Benzene	ND	0.50	1.00	
Bromobenzene	ND	1.0	1.00	
Bromochloromethane	ND	1.0	1.00	
Bromodichloromethane	ND	1.0	1.00	
Bromoform	ND	1.0	1.00	
Bromomethane	ND	10	1.00	
2-Butanone	ND	10	1.00	
n-Butylbenzene	ND	1.0	1.00	
sec-Butylbenzene	ND	1.0	1.00	
tert-Butylbenzene	ND	1.0	1.00	
Carbon Disulfide	ND	10	1.00	
Carbon Tetrachloride	ND	0.50	1.00	
Chlorobenzene	ND	1.0	1.00	
Chloroethane	ND	5.0	1.00	
Chloroform	ND	1.0	1.00	
Chloromethane	ND	10	1.00	
2-Chlorotoluene	ND	1.0	1.00	
4-Chlorotoluene	ND	1.0	1.00	
Dibromochloromethane	ND	1.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.00	
1,2-Dibromoethane	ND	1.0	1.00	
Dibromomethane	ND	1.0	1.00	
1,2-Dichlorobenzene	ND	1.0	1.00	
1,3-Dichlorobenzene	ND	1.0	1.00	
1,4-Dichlorobenzene	ND	1.0	1.00	
Dichlorodifluoromethane	ND	1.0	1.00	
1,1-Dichloroethane	ND	1.0	1.00	
1,2-Dichloroethane	ND	0.50	1.00	
1,1-Dichloroethene	ND	1.0	1.00	
c-1,2-Dichloroethene	9.5	1.0	1.00	
t-1,2-Dichloroethene	ND	1.0	1.00	
1,2-Dichloropropane	ND	1.0	1.00	
1,3-Dichloropropane	ND	1.0	1.00	
2,2-Dichloropropane	ND	1.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell	Date Received:	03/17/16
8201 Norman Center Drive, Suite 300	Work Order:	16-03-1400
Bloomington, MN 55437-0001	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: AmeriPride - LA / 89698		Page 30 of 42

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	1.0	1.00	
c-1,3-Dichloropropene	ND	0.50	1.00	
t-1,3-Dichloropropene	ND	0.50	1.00	
Ethylbenzene	ND	1.0	1.00	
2-Hexanone	ND	10	1.00	
Isopropylbenzene	ND	1.0	1.00	
p-Isopropyltoluene	ND	1.0	1.00	
Methylene Chloride	ND	10	1.00	
4-Methyl-2-Pentanone	ND	10	1.00	
Naphthalene	ND	10	1.00	
n-Propylbenzene	ND	1.0	1.00	
Styrene	ND	1.0	1.00	
1,1,1,2-Tetrachloroethane	ND	1.0	1.00	
1,1,2,2-Tetrachloroethane	ND	1.0	1.00	
Tetrachloroethene	12	1.0	1.00	
Toluene	ND	1.0	1.00	
1,2,3-Trichlorobenzene	ND	1.0	1.00	
1,2,4-Trichlorobenzene	ND	1.0	1.00	
1,1,1-Trichloroethane	ND	1.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.00	
1,1,2-Trichloroethane	ND	1.0	1.00	
Trichloroethene	4.3	1.0	1.00	
Trichlorofluoromethane	ND	10	1.00	
1,2,3-Trichloropropane	ND	5.0	1.00	
1,2,4-Trimethylbenzene	ND	1.0	1.00	
1,3,5-Trimethylbenzene	ND	1.0	1.00	
Vinyl Acetate	ND	10	1.00	
Vinyl Chloride	ND	0.50	1.00	
p/m-Xylene	ND	1.0	1.00	
o-Xylene	ND	1.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	98	80-120	
Dibromofluoromethane	111	78-126	
1,2-Dichloroethane-d4	98	75-135	
Toluene-d8	101	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Dup-2	**16-03-1400-16-A**	**03/16/16 00:00**	**Aqueous**	**GC/MS RR**	**03/18/16**	**03/19/16 02:47**	**160318L029**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	20	1.00	
Benzene	ND	0.50	1.00	
Bromobenzene	ND	1.0	1.00	
Bromochloromethane	ND	1.0	1.00	
Bromodichloromethane	ND	1.0	1.00	
Bromoform	ND	1.0	1.00	
Bromomethane	ND	10	1.00	
2-Butanone	ND	10	1.00	
n-Butylbenzene	ND	1.0	1.00	
sec-Butylbenzene	ND	1.0	1.00	
tert-Butylbenzene	ND	1.0	1.00	
Carbon Disulfide	ND	10	1.00	
Carbon Tetrachloride	ND	0.50	1.00	
Chlorobenzene	ND	1.0	1.00	
Chloroethane	ND	5.0	1.00	
Chloroform	ND	1.0	1.00	
Chloromethane	ND	10	1.00	
2-Chlorotoluene	ND	1.0	1.00	
4-Chlorotoluene	ND	1.0	1.00	
Dibromochloromethane	ND	1.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.00	
1,2-Dibromoethane	ND	1.0	1.00	
Dibromomethane	ND	1.0	1.00	
1,2-Dichlorobenzene	ND	1.0	1.00	
1,3-Dichlorobenzene	ND	1.0	1.00	
1,4-Dichlorobenzene	ND	1.0	1.00	
Dichlorodifluoromethane	ND	1.0	1.00	
1,1-Dichloroethane	ND	1.0	1.00	
1,2-Dichloroethane	ND	0.50	1.00	
1,1-Dichloroethene	ND	1.0	1.00	
c-1,2-Dichloroethene	ND	1.0	1.00	
t-1,2-Dichloroethene	ND	1.0	1.00	
1,2-Dichloropropane	ND	1.0	1.00	
1,3-Dichloropropane	ND	1.0	1.00	
2,2-Dichloropropane	ND	1.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell	Date Received:	03/17/16
8201 Norman Center Drive, Suite 300	Work Order:	16-03-1400
Bloomington, MN 55437-0001	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: AmeriPride - LA / 89698		Page 32 of 42

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	1.0	1.00	
c-1,3-Dichloropropene	ND	0.50	1.00	
t-1,3-Dichloropropene	ND	0.50	1.00	
Ethylbenzene	ND	1.0	1.00	
2-Hexanone	ND	10	1.00	
Isopropylbenzene	ND	1.0	1.00	
p-Isopropyltoluene	ND	1.0	1.00	
Methylene Chloride	ND	10	1.00	
4-Methyl-2-Pentanone	ND	10	1.00	
Naphthalene	ND	10	1.00	
n-Propylbenzene	ND	1.0	1.00	
Styrene	ND	1.0	1.00	
1,1,1,2-Tetrachloroethane	ND	1.0	1.00	
1,1,2,2-Tetrachloroethane	ND	1.0	1.00	
Tetrachloroethene	1.4	1.0	1.00	
Toluene	ND	1.0	1.00	
1,2,3-Trichlorobenzene	ND	1.0	1.00	
1,2,4-Trichlorobenzene	ND	1.0	1.00	
1,1,1-Trichloroethane	ND	1.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.00	
1,1,2-Trichloroethane	ND	1.0	1.00	
Trichloroethene	ND	1.0	1.00	
Trichlorofluoromethane	ND	10	1.00	
1,2,3-Trichloropropane	ND	5.0	1.00	
1,2,4-Trimethylbenzene	ND	1.0	1.00	
1,3,5-Trimethylbenzene	ND	1.0	1.00	
Vinyl Acetate	ND	10	1.00	
Vinyl Chloride	ND	0.50	1.00	
p/m-Xylene	ND	1.0	1.00	
o-Xylene	ND	1.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	98	80-120	
Dibromofluoromethane	109	78-126	
1,2-Dichloroethane-d4	97	75-135	
Toluene-d8	100	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Dup-1	**16-03-1400-17-A**	**03/15/16 00:00**	**Aqueous**	**GC/MS RR**	**03/18/16**	**03/19/16 03:22**	**160318L029**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	20	1.00	
Benzene	ND	0.50	1.00	
Bromobenzene	ND	1.0	1.00	
Bromochloromethane	ND	1.0	1.00	
Bromodichloromethane	ND	1.0	1.00	
Bromoform	ND	1.0	1.00	
Bromomethane	ND	10	1.00	
2-Butanone	ND	10	1.00	
n-Butylbenzene	ND	1.0	1.00	
sec-Butylbenzene	ND	1.0	1.00	
tert-Butylbenzene	ND	1.0	1.00	
Carbon Disulfide	ND	10	1.00	
Carbon Tetrachloride	ND	0.50	1.00	
Chlorobenzene	ND	1.0	1.00	
Chloroethane	ND	5.0	1.00	
Chloroform	ND	1.0	1.00	
Chloromethane	ND	10	1.00	
2-Chlorotoluene	ND	1.0	1.00	
4-Chlorotoluene	ND	1.0	1.00	
Dibromochloromethane	ND	1.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.00	
1,2-Dibromoethane	ND	1.0	1.00	
Dibromomethane	ND	1.0	1.00	
1,2-Dichlorobenzene	ND	1.0	1.00	
1,3-Dichlorobenzene	ND	1.0	1.00	
1,4-Dichlorobenzene	ND	1.0	1.00	
Dichlorodifluoromethane	ND	1.0	1.00	
1,1-Dichloroethane	ND	1.0	1.00	
1,2-Dichloroethane	ND	0.50	1.00	
1,1-Dichloroethene	ND	1.0	1.00	
c-1,2-Dichloroethene	8.6	1.0	1.00	
t-1,2-Dichloroethene	ND	1.0	1.00	
1,2-Dichloropropane	ND	1.0	1.00	
1,3-Dichloropropane	ND	1.0	1.00	
2,2-Dichloropropane	ND	1.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	1.0	1.00	
c-1,3-Dichloropropene	ND	0.50	1.00	
t-1,3-Dichloropropene	ND	0.50	1.00	
Ethylbenzene	ND	1.0	1.00	
2-Hexanone	ND	10	1.00	
Isopropylbenzene	ND	1.0	1.00	
p-Isopropyltoluene	ND	1.0	1.00	
Methylene Chloride	ND	10	1.00	
4-Methyl-2-Pentanone	ND	10	1.00	
Naphthalene	ND	10	1.00	
n-Propylbenzene	ND	1.0	1.00	
Styrene	ND	1.0	1.00	
1,1,1,2-Tetrachloroethane	ND	1.0	1.00	
1,1,2,2-Tetrachloroethane	ND	1.0	1.00	
Tetrachloroethene	ND	1.0	1.00	
Toluene	ND	1.0	1.00	
1,2,3-Trichlorobenzene	ND	1.0	1.00	
1,2,4-Trichlorobenzene	ND	1.0	1.00	
1,1,1-Trichloroethane	ND	1.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.00	
1,1,2-Trichloroethane	ND	1.0	1.00	
Trichloroethene	ND	1.0	1.00	
Trichlorofluoromethane	ND	10	1.00	
1,2,3-Trichloropropane	ND	5.0	1.00	
1,2,4-Trimethylbenzene	ND	1.0	1.00	
1,3,5-Trimethylbenzene	ND	1.0	1.00	
Vinyl Acetate	ND	10	1.00	
Vinyl Chloride	ND	0.50	1.00	
p/m-Xylene	ND	1.0	1.00	
o-Xylene	ND	1.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	97	80-120	
Dibromofluoromethane	121	78-126	
1,2-Dichloroethane-d4	98	75-135	
Toluene-d8	98	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
FB-1	**16-03-1400-18-A**	**03/15/16 00:00**	**Aqueous**	**GC/MS RR**	**03/18/16**	**03/19/16 03:57**	**160318L029**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	20	1.00	
Benzene	ND	0.50	1.00	
Bromobenzene	ND	1.0	1.00	
Bromochloromethane	ND	1.0	1.00	
Bromodichloromethane	ND	1.0	1.00	
Bromoform	ND	1.0	1.00	
Bromomethane	ND	10	1.00	
2-Butanone	ND	10	1.00	
n-Butylbenzene	ND	1.0	1.00	
sec-Butylbenzene	ND	1.0	1.00	
tert-Butylbenzene	ND	1.0	1.00	
Carbon Disulfide	ND	10	1.00	
Carbon Tetrachloride	ND	0.50	1.00	
Chlorobenzene	ND	1.0	1.00	
Chloroethane	ND	5.0	1.00	
Chloroform	ND	1.0	1.00	
Chloromethane	ND	10	1.00	
2-Chlorotoluene	ND	1.0	1.00	
4-Chlorotoluene	ND	1.0	1.00	
Dibromochloromethane	ND	1.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.00	
1,2-Dibromoethane	ND	1.0	1.00	
Dibromomethane	ND	1.0	1.00	
1,2-Dichlorobenzene	ND	1.0	1.00	
1,3-Dichlorobenzene	ND	1.0	1.00	
1,4-Dichlorobenzene	ND	1.0	1.00	
Dichlorodifluoromethane	ND	1.0	1.00	
1,1-Dichloroethane	ND	1.0	1.00	
1,2-Dichloroethane	ND	0.50	1.00	
1,1-Dichloroethene	ND	1.0	1.00	
c-1,2-Dichloroethene	ND	1.0	1.00	
t-1,2-Dichloroethene	ND	1.0	1.00	
1,2-Dichloropropane	ND	1.0	1.00	
1,3-Dichloropropane	ND	1.0	1.00	
2,2-Dichloropropane	ND	1.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell	Date Received:	03/17/16
8201 Norman Center Drive, Suite 300	Work Order:	16-03-1400
Bloomington, MN 55437-0001	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: AmeriPride - LA / 89698		Page 36 of 42

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	1.0	1.00	
c-1,3-Dichloropropene	ND	0.50	1.00	
t-1,3-Dichloropropene	ND	0.50	1.00	
Ethylbenzene	ND	1.0	1.00	
2-Hexanone	ND	10	1.00	
Isopropylbenzene	ND	1.0	1.00	
p-Isopropyltoluene	ND	1.0	1.00	
Methylene Chloride	ND	10	1.00	
4-Methyl-2-Pentanone	ND	10	1.00	
Naphthalene	ND	10	1.00	
n-Propylbenzene	ND	1.0	1.00	
Styrene	ND	1.0	1.00	
1,1,1,2-Tetrachloroethane	ND	1.0	1.00	
1,1,2,2-Tetrachloroethane	ND	1.0	1.00	
Tetrachloroethene	ND	1.0	1.00	
Toluene	ND	1.0	1.00	
1,2,3-Trichlorobenzene	ND	1.0	1.00	
1,2,4-Trichlorobenzene	ND	1.0	1.00	
1,1,1-Trichloroethane	ND	1.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.00	
1,1,2-Trichloroethane	ND	1.0	1.00	
Trichloroethene	ND	1.0	1.00	
Trichlorofluoromethane	ND	10	1.00	
1,2,3-Trichloropropane	ND	5.0	1.00	
1,2,4-Trimethylbenzene	ND	1.0	1.00	
1,3,5-Trimethylbenzene	ND	1.0	1.00	
Vinyl Acetate	ND	10	1.00	
Vinyl Chloride	ND	0.50	1.00	
p/m-Xylene	ND	1.0	1.00	
o-Xylene	ND	1.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	97	80-120	
Dibromofluoromethane	107	78-126	
1,2-Dichloroethane-d4	96	75-135	
Toluene-d8	98	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
TB	**16-03-1400-19-A**	**03/15/16 00:00**	**Aqueous**	**GC/MS RR**	**03/18/16**	**03/19/16 04:33**	**160318L029**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	20	1.00	
Benzene	ND	0.50	1.00	
Bromobenzene	ND	1.0	1.00	
Bromochloromethane	ND	1.0	1.00	
Bromodichloromethane	ND	1.0	1.00	
Bromoform	ND	1.0	1.00	
Bromomethane	ND	10	1.00	
2-Butanone	ND	10	1.00	
n-Butylbenzene	ND	1.0	1.00	
sec-Butylbenzene	ND	1.0	1.00	
tert-Butylbenzene	ND	1.0	1.00	
Carbon Disulfide	ND	10	1.00	
Carbon Tetrachloride	ND	0.50	1.00	
Chlorobenzene	ND	1.0	1.00	
Chloroethane	ND	5.0	1.00	
Chloroform	ND	1.0	1.00	
Chloromethane	ND	10	1.00	
2-Chlorotoluene	ND	1.0	1.00	
4-Chlorotoluene	ND	1.0	1.00	
Dibromochloromethane	ND	1.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.00	
1,2-Dibromoethane	ND	1.0	1.00	
Dibromomethane	ND	1.0	1.00	
1,2-Dichlorobenzene	ND	1.0	1.00	
1,3-Dichlorobenzene	ND	1.0	1.00	
1,4-Dichlorobenzene	ND	1.0	1.00	
Dichlorodifluoromethane	ND	1.0	1.00	
1,1-Dichloroethane	ND	1.0	1.00	
1,2-Dichloroethane	ND	0.50	1.00	
1,1-Dichloroethene	ND	1.0	1.00	
c-1,2-Dichloroethene	ND	1.0	1.00	
t-1,2-Dichloroethene	ND	1.0	1.00	
1,2-Dichloropropane	ND	1.0	1.00	
1,3-Dichloropropane	ND	1.0	1.00	
2,2-Dichloropropane	ND	1.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	1.0	1.00	
c-1,3-Dichloropropene	ND	0.50	1.00	
t-1,3-Dichloropropene	ND	0.50	1.00	
Ethylbenzene	ND	1.0	1.00	
2-Hexanone	ND	10	1.00	
Isopropylbenzene	ND	1.0	1.00	
p-Isopropyltoluene	ND	1.0	1.00	
Methylene Chloride	ND	10	1.00	
4-Methyl-2-Pentanone	ND	10	1.00	
Naphthalene	ND	10	1.00	
n-Propylbenzene	ND	1.0	1.00	
Styrene	ND	1.0	1.00	
1,1,1,2-Tetrachloroethane	ND	1.0	1.00	
1,1,2,2-Tetrachloroethane	ND	1.0	1.00	
Tetrachloroethene	ND	1.0	1.00	
Toluene	ND	1.0	1.00	
1,2,3-Trichlorobenzene	ND	1.0	1.00	
1,2,4-Trichlorobenzene	ND	1.0	1.00	
1,1,1-Trichloroethane	ND	1.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.00	
1,1,2-Trichloroethane	ND	1.0	1.00	
Trichloroethene	ND	1.0	1.00	
Trichlorofluoromethane	ND	10	1.00	
1,2,3-Trichloropropane	ND	5.0	1.00	
1,2,4-Trimethylbenzene	ND	1.0	1.00	
1,3,5-Trimethylbenzene	ND	1.0	1.00	
Vinyl Acetate	ND	10	1.00	
Vinyl Chloride	ND	0.50	1.00	
p/m-Xylene	ND	1.0	1.00	
o-Xylene	ND	1.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	94	80-120	
Dibromofluoromethane	108	78-126	
1,2-Dichloroethane-d4	101	75-135	
Toluene-d8	100	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-14-001-19809**	**N/A**	**Aqueous**	**GC/MS RR**	**03/17/16**	**03/17/16 20:45**	**160317L047**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	20	1.00	
Benzene	ND	0.50	1.00	
Bromobenzene	ND	1.0	1.00	
Bromochloromethane	ND	1.0	1.00	
Bromodichloromethane	ND	1.0	1.00	
Bromoform	ND	1.0	1.00	
Bromomethane	ND	10	1.00	
2-Butanone	ND	10	1.00	
n-Butylbenzene	ND	1.0	1.00	
sec-Butylbenzene	ND	1.0	1.00	
tert-Butylbenzene	ND	1.0	1.00	
Carbon Disulfide	ND	10	1.00	
Carbon Tetrachloride	ND	0.50	1.00	
Chlorobenzene	ND	1.0	1.00	
Chloroethane	ND	5.0	1.00	
Chloroform	ND	1.0	1.00	
Chloromethane	ND	10	1.00	
2-Chlorotoluene	ND	1.0	1.00	
4-Chlorotoluene	ND	1.0	1.00	
Dibromochloromethane	ND	1.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.00	
1,2-Dibromoethane	ND	1.0	1.00	
Dibromomethane	ND	1.0	1.00	
1,2-Dichlorobenzene	ND	1.0	1.00	
1,3-Dichlorobenzene	ND	1.0	1.00	
1,4-Dichlorobenzene	ND	1.0	1.00	
Dichlorodifluoromethane	ND	1.0	1.00	
1,1-Dichloroethane	ND	1.0	1.00	
1,2-Dichloroethane	ND	0.50	1.00	
1,1-Dichloroethene	ND	1.0	1.00	
c-1,2-Dichloroethene	ND	1.0	1.00	
t-1,2-Dichloroethene	ND	1.0	1.00	
1,2-Dichloropropane	ND	1.0	1.00	
1,3-Dichloropropane	ND	1.0	1.00	
2,2-Dichloropropane	ND	1.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell	Date Received:	03/17/16
8201 Norman Center Drive, Suite 300	Work Order:	16-03-1400
Bloomington, MN 55437-0001	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: AmeriPride - LA / 89698		Page 40 of 42

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	1.0	1.00	
c-1,3-Dichloropropene	ND	0.50	1.00	
t-1,3-Dichloropropene	ND	0.50	1.00	
Ethylbenzene	ND	1.0	1.00	
2-Hexanone	ND	10	1.00	
Isopropylbenzene	ND	1.0	1.00	
p-Isopropyltoluene	ND	1.0	1.00	
Methylene Chloride	ND	10	1.00	
4-Methyl-2-Pentanone	ND	10	1.00	
Naphthalene	ND	10	1.00	
n-Propylbenzene	ND	1.0	1.00	
Styrene	ND	1.0	1.00	
1,1,1,2-Tetrachloroethane	ND	1.0	1.00	
1,1,2,2-Tetrachloroethane	ND	1.0	1.00	
Tetrachloroethene	ND	1.0	1.00	
Toluene	ND	1.0	1.00	
1,2,3-Trichlorobenzene	ND	1.0	1.00	
1,2,4-Trichlorobenzene	ND	1.0	1.00	
1,1,1-Trichloroethane	ND	1.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.00	
1,1,2-Trichloroethane	ND	1.0	1.00	
Trichloroethene	ND	1.0	1.00	
Trichlorofluoromethane	ND	10	1.00	
1,2,3-Trichloropropane	ND	5.0	1.00	
1,2,4-Trimethylbenzene	ND	1.0	1.00	
1,3,5-Trimethylbenzene	ND	1.0	1.00	
Vinyl Acetate	ND	10	1.00	
Vinyl Chloride	ND	0.50	1.00	
p/m-Xylene	ND	1.0	1.00	
o-Xylene	ND	1.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	97	80-120	
Dibromofluoromethane	99	78-126	
1,2-Dichloroethane-d4	101	75-135	
Toluene-d8	97	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-14-001-19822**	**N/A**	**Aqueous**	**GC/MS RR**	**03/18/16**	**03/18/16 19:41**	**160318L029**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	20	1.00	
Benzene	ND	0.50	1.00	
Bromobenzene	ND	1.0	1.00	
Bromochloromethane	ND	1.0	1.00	
Bromodichloromethane	ND	1.0	1.00	
Bromoform	ND	1.0	1.00	
Bromomethane	ND	10	1.00	
2-Butanone	ND	10	1.00	
n-Butylbenzene	ND	1.0	1.00	
sec-Butylbenzene	ND	1.0	1.00	
tert-Butylbenzene	ND	1.0	1.00	
Carbon Disulfide	ND	10	1.00	
Carbon Tetrachloride	ND	0.50	1.00	
Chlorobenzene	ND	1.0	1.00	
Chloroethane	ND	5.0	1.00	
Chloroform	ND	1.0	1.00	
Chloromethane	ND	10	1.00	
2-Chlorotoluene	ND	1.0	1.00	
4-Chlorotoluene	ND	1.0	1.00	
Dibromochloromethane	ND	1.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.00	
1,2-Dibromoethane	ND	1.0	1.00	
Dibromomethane	ND	1.0	1.00	
1,2-Dichlorobenzene	ND	1.0	1.00	
1,3-Dichlorobenzene	ND	1.0	1.00	
1,4-Dichlorobenzene	ND	1.0	1.00	
Dichlorodifluoromethane	ND	1.0	1.00	
1,1-Dichloroethane	ND	1.0	1.00	
1,2-Dichloroethane	ND	0.50	1.00	
1,1-Dichloroethene	ND	1.0	1.00	
c-1,2-Dichloroethene	ND	1.0	1.00	
t-1,2-Dichloroethene	ND	1.0	1.00	
1,2-Dichloropropane	ND	1.0	1.00	
1,3-Dichloropropane	ND	1.0	1.00	
2,2-Dichloropropane	ND	1.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: AmeriPride - LA / 89698

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	1.0	1.00	
c-1,3-Dichloropropene	ND	0.50	1.00	
t-1,3-Dichloropropene	ND	0.50	1.00	
Ethylbenzene	ND	1.0	1.00	
2-Hexanone	ND	10	1.00	
Isopropylbenzene	ND	1.0	1.00	
p-Isopropyltoluene	ND	1.0	1.00	
Methylene Chloride	ND	10	1.00	
4-Methyl-2-Pentanone	ND	10	1.00	
Naphthalene	ND	10	1.00	
n-Propylbenzene	ND	1.0	1.00	
Styrene	ND	1.0	1.00	
1,1,1,2-Tetrachloroethane	ND	1.0	1.00	
1,1,2,2-Tetrachloroethane	ND	1.0	1.00	
Tetrachloroethene	ND	1.0	1.00	
Toluene	ND	1.0	1.00	
1,2,3-Trichlorobenzene	ND	1.0	1.00	
1,2,4-Trichlorobenzene	ND	1.0	1.00	
1,1,1-Trichloroethane	ND	1.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.00	
1,1,2-Trichloroethane	ND	1.0	1.00	
Trichloroethene	ND	1.0	1.00	
Trichlorofluoromethane	ND	10	1.00	
1,2,3-Trichloropropane	ND	5.0	1.00	
1,2,4-Trimethylbenzene	ND	1.0	1.00	
1,3,5-Trimethylbenzene	ND	1.0	1.00	
Vinyl Acetate	ND	10	1.00	
Vinyl Chloride	ND	0.50	1.00	
p/m-Xylene	ND	1.0	1.00	
o-Xylene	ND	1.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	98	80-120	
Dibromofluoromethane	105	78-126	
1,2-Dichloroethane-d4	98	75-135	
Toluene-d8	97	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Quality Control - Spike/Spike Duplicate

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B

Project: AmeriPride - LA / 89698

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
MW-13B	**Sample**	**Aqueous**	**GC/MS RR**	**03/18/16**	**03/18/16 20:53**	**160318S014**
MW-13B	**Matrix Spike**	**Aqueous**	**GC/MS RR**	**03/18/16**	**03/18/16 21:28**	**160318S014**
MW-13B	**Matrix Spike Duplicate**	**Aqueous**	**GC/MS RR**	**03/18/16**	**03/18/16 22:04**	**160318S014**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Benzene	ND	50.00	56.39	113	54.88	110	74-122	3	0-21	
Carbon Tetrachloride	ND	50.00	44.50	89	44.60	89	60-144	0	0-21	
Chlorobenzene	ND	50.00	56.78	114	54.86	110	73-120	3	0-22	
1,2-Dibromoethane	ND	50.00	55.14	110	53.03	106	80-122	4	0-20	
1,2-Dichlorobenzene	ND	50.00	54.91	110	54.18	108	70-120	1	0-26	
1,2-Dichloroethane	ND	50.00	55.09	110	54.10	108	64-142	2	0-20	
1,1-Dichloroethene	ND	50.00	58.53	117	54.92	110	52-136	6	0-21	
Ethylbenzene	ND	50.00	56.39	113	55.12	110	77-125	2	0-24	
Toluene	ND	50.00	56.39	113	54.60	109	72-126	3	0-23	
Trichloroethene	ND	50.00	53.15	106	50.80	102	74-128	5	0-22	
Vinyl Chloride	ND	50.00	49.88	100	47.93	96	67-133	4	0-20	
p/m-Xylene	ND	100.0	111.0	111	108.6	109	63-129	2	0-25	
o-Xylene	ND	50.00	55.03	110	54.65	109	62-128	1	0-24	
Methyl-t-Butyl Ether (MTBE)	ND	50.00	49.79	100	48.78	98	68-134	2	0-21	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits

eurofins | Calscience

Quality Control - LCS/LCSD

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Project: AmeriPride - LA / 89698

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-14-001-19809	**LCS**	**Aqueous**	**GC/MS RR**	**03/17/16**	**03/17/16 17:39**	**160317L047**
099-14-001-19809	**LCSD**	**Aqueous**	**GC/MS RR**	**03/17/16**	**03/17/16 18:48**	**160317L047**

Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	ME CL	RPD	RPD CL	Qualifiers
Benzene	50.00	44.64	89	44.14	88	80-120	73-127	1	0-20	
Carbon Tetrachloride	50.00	42.27	85	43.38	87	67-139	55-151	3	0-20	
Chlorobenzene	50.00	46.98	94	44.67	89	78-120	71-127	5	0-20	
1,2-Dibromoethane	50.00	45.62	91	44.18	88	80-120	73-127	3	0-20	
1,2-Dichlorobenzene	50.00	47.74	95	46.13	92	63-129	52-140	3	0-20	
1,2-Dichloroethane	50.00	45.73	91	45.29	91	70-130	60-140	1	0-20	
1,1-Dichloroethene	50.00	43.63	87	43.24	86	66-126	56-136	1	0-20	
Ethylbenzene	50.00	46.08	92	43.96	88	80-123	73-130	5	0-20	
Toluene	50.00	44.86	90	43.75	88	80-120	73-127	2	0-20	
Trichloroethene	50.00	43.20	86	43.09	86	80-122	73-129	0	0-20	
Vinyl Chloride	50.00	43.86	88	45.55	91	70-130	60-140	4	0-20	
p/m-Xylene	100.0	91.40	91	88.41	88	75-123	67-131	3	0-20	
o-Xylene	50.00	45.52	91	43.75	87	74-122	66-130	4	0-20	
Methyl-t-Butyl Ether (MTBE)	50.00	42.44	85	42.57	85	69-129	59-139	0	0-20	

Total number of LCS compounds: 14
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits

eurofins | Calscience

Quality Control - LCS/LCSD

Burns & McDonnell
8201 Norman Center Drive, Suite 300
Bloomington, MN 55437-0001

Project: AmeriPride - LA / 89698

Date Received: 03/17/16
Work Order: 16-03-1400
Preparation: EPA 5030C
Method: EPA 8260B

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-14-001-19822	**LCS**	**Aqueous**	**GC/MS RR**	**03/18/16**	**03/18/16 17:14**	**160318L029**
099-14-001-19822	**LCSD**	**Aqueous**	**GC/MS RR**	**03/18/16**	**03/18/16 17:50**	**160318L029**

Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	ME CL	RPD	RPD CL	Qualifiers
Benzene	50.00	51.51	103	54.68	109	80-120	73-127	6	0-20	
Carbon Tetrachloride	50.00	43.01	86	46.56	93	67-139	55-151	8	0-20	
Chlorobenzene	50.00	52.03	104	55.97	112	78-120	71-127	7	0-20	
1,2-Dibromoethane	50.00	49.50	99	53.02	106	80-120	73-127	7	0-20	
1,2-Dichlorobenzene	50.00	53.81	108	53.96	108	63-129	52-140	0	0-20	
1,2-Dichloroethane	50.00	50.51	101	54.68	109	70-130	60-140	8	0-20	
1,1-Dichloroethene	50.00	52.22	104	56.95	114	66-126	56-136	9	0-20	
Ethylbenzene	50.00	51.95	104	55.26	111	80-123	73-130	6	0-20	
Toluene	50.00	52.09	104	55.32	111	80-120	73-127	6	0-20	
Trichloroethene	50.00	50.09	100	53.46	107	80-122	73-129	7	0-20	
Vinyl Chloride	50.00	41.89	84	45.26	91	70-130	60-140	8	0-20	
p/m-Xylene	100.0	104.6	105	110.0	110	75-123	67-131	5	0-20	
o-Xylene	50.00	51.08	102	54.87	110	74-122	66-130	7	0-20	
Methyl-t-Butyl Ether (MTBE)	50.00	44.76	90	50.69	101	69-129	59-139	12	0-20	

Total number of LCS compounds: 14
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits

eurofins | Calscience

Sample Analysis Summary Report

Work Order: 16-03-1400 Page 1 of 1

Method	Extraction	Chemist ID	Instrument	Analytical Location
EPA 8260B	EPA 5030C	823	GC/MS RR	2
EPA 8260B	EPA 5030C	1023	GC/MS RR	2

Return to Contents

eurofins | Calscience

Glossary of Terms and Qualifiers

Work Order: 16-03-1400 Page 1 of 1

Qualifiers	Definition
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.
4	The MS/MSD RPD was out of control due to suspected matrix interference.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference.
6	Surrogate recovery below the acceptance limit.
7	Surrogate recovery above the acceptance limit.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
BV	Sample received after holding time expired.
CI	See case narrative.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
HD	The chromatographic pattern was inconsistent with the profile of the reference fuel standard.
HDH	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected).
HDL	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected).
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
JA	Analyte positively identified but quantitation is an estimate.
ME	LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean).
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
SG	The sample extract was subjected to Silica Gel treatment prior to analysis.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.
	Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.
	Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.
	A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

Return to Contents

eurofins | Calscience

7440 Lincoln Way, Garden Grove, CA 92841-1427 • (714) 895-5494
For courier service / sample drop off information, contact us26_sales@eurofinsus.com or call us.

CHAIN-OF-CUSTODY RECORD

WO NO. / LAB USE ONLY: **16-03-1400**

DATE: 3/15/16
PAGE: 1 OF 2

LABORATORY CLIENT: Burns & McDonnell
ADDRESS: 8201 Norman Center Dr #300
CITY: Bloomington STATE: MN ZIP:
TEL: 952-656-3679 E-MAIL: ebrenegan@burnsmcd.com

CLIENT PROJECT NAME / NO.: Ameri Pride - L.A.
PROJECT CONTACT: Erik Brenegan / Stephanie Ryno
GLOBAL ID:
LOG CODE:

P.O. NO.: 89698
LAB CONTACT OR QUOTE NO.: Vikas Patel
SAMPLER(S): (PRINT) Brian Johnson

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ STANDARD

EDD:
☐ COELT EDF ☐ OTHER

SPECIAL INSTRUCTIONS:
Please also send to:
sryno@burnsmcd.com

REQUESTED ANALYSES

Please check box or fill in blank as needed.

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	☐ TPH(g) ☐ GRO	☐ TPH(d) ☐ DRO	TPH ☐ C6-C36 ☐ C6-C44	TPH ____	BTEX / MTBE ☐ 8260 ☐ ____	VOCs (8260) B	Oxygenates (8260)	Prep (5035) ☐ En Core ☐ Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs ☐ 8270 ☐ 8270 SIM	T22 Metals ☐ 6010/747X ☐ 6020/747X	Cr(VI) ☐ 7196 ☐ 7199 ☐ 218.6
1	MW-16C	3/15/16	1330	H2O	5-40mL		X							X								
2	MW-16B		1420																			
3	K-1		1508																			
4	MW-10B		1642																			
5	MW-10A		1700																			
6	MW-9A		1754																			
7	MW-7		1918																			
8	MW-13A	3/16/16	0500																			
9	MW-13B		0530																			
10	MW-14		0635																			

Relinquished by: (Signature) B. Johnson	Received by: (Signature/Affiliation) ECI	Date: 3/17/16	Time: 20:05
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

2015-05-13 Revision

Return to Contents

eurofins | Calscience

7440 Lincoln Way, Garden Grove, CA 92841-1427 • (714) 895-5494
For courier service / sample drop off information, contact us26_sales@eurofinsus.com or call us.

CHAIN-OF-CUSTODY RECORD

DATE: 3/15/16
PAGE: 2 OF 2

WO NO. / LAB USE ONLY: 16-03-1400

LABORATORY CLIENT: Burns & McDonnell
ADDRESS: 8201 Norman Center Dr. #300
CITY: Bloomington STATE: MN ZIP:
TEL: 952-656-3679 E-MAIL: ebrenegan@burnsmcd.com

CLIENT PROJECT NAME / NO.: AmeriPride - L.A.
PROJECT CONTACT: Erik Brenegan / Stephanie Ryno
GLOBAL ID: LOG CODE:

P.O. NO.: 89698
LAB CONTACT OR QUOTE NO.: Vikas Patel
SAMPLER(S): (PRINT) Brian Johnson

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☐ STANDARD

EDD:
☐ COELT EDF ☐ OTHER

SPECIAL INSTRUCTIONS:

REQUESTED ANALYSES

Please check box or fill in blank as needed.

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	☐ TPH(g) ☐ GRO	☐ TPH(d) ☐ DRO	TPH ☐ C6-C36 ☐ C6-C44	TPH ____	BTEX / MTBE ☐ 8260 ☐ ____	VOCs (8260) B	Oxygenates (8260)	Prep (5035) ☐ En Core ☐ Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs ☐ 8270 ☐ 8270 SIM	T22 Metals ☐ 6010/747X ☐ 6020/747X	Cr(VI) ☐ 7196 ☐ 7199 ☐ 218.6
11	MW-15	3/16/16	0746	8 H2O	5-40mL		X							X								
12	MW-3		0926																			
13	MW-12		1020																			
14	MW-11		1146																			
15	MW-16A		1232																			
16	DUP-2		—																			
17	DUP-1	3/15/16	—																			
18	FB-1		—																			
19	TB		—		2-40mL																	

Relinquished by: (Signature) B. Johnson Douglas	Received by: (Signature/Affiliation) Michael ECL	Date: 3/17/16	Time: 20:05
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

2015-05-13 Revision

Return to Contents

eurofins | Calscience

WORK ORDER NUMBER: 16-03- 1400

SAMPLE RECEIPT CHECKLIST

COOLER 1 OF 1

CLIENT: Burns & McDonnell

DATE: 03 / 17 / 2016

TEMPERATURE: (Criteria: 0.0°C – 6.0°C, not frozen except sediment/tissue)

Thermometer ID: SC4B (CF: +0.3°C); Temperature (w/o CF): 4.1 °C (w/ CF): 4.4 °C; ☐ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____)

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling

☐ Sample(s) received at ambient temperature; placed on ice for transport by courier

Ambient Temperature: ☐ Air ☐ Filter Checked by: 1017

CUSTODY SEAL:

Cooler ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: 1017

Sample(s) ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: 659

SAMPLE CONDITION:	Yes	No	N/A
Chain-of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
☐ Sampling date ☐ Sampling time ☐ Matrix ☐ Number of containers			
☐ No analysis requested ☐ Not relinquished ☐ No relinquished date ☐ No relinquished time			
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and in good condition	☑	☐	☐
Proper containers for analyses requested	☑	☐	☐
Sufficient volume/mass for analyses requested	☑	☐	☐
Samples received within holding time	☑	☐	☐
Aqueous samples for certain analyses received within 15-minute holding time			
☐ pH ☐ Residual Chlorine ☐ Dissolved Sulfide ☐ Dissolved Oxygen	☐	☐	☑
Proper preservation chemical(s) noted on COC and/or sample container	☑	☐	☐
Unpreserved aqueous sample(s) received for certain analyses			
☐ Volatile Organics ☐ Total Metals ☐ Dissolved Metals			
Container(s) for certain analysis free of headspace	☑	☐	☐
☑ Volatile Organics ☐ Dissolved Gases (RSK-175) ☐ Dissolved Oxygen (SM 4500)			
☐ Carbon Dioxide (SM 4500) ☐ Ferrous Iron (SM 3500) ☐ Hydrogen Sulfide (Hach)			
Tedlar™ bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE: (Trip Blank Lot Number: 160223B)

Aqueous: ☐ VOA ☑ VOA**h** ☐ VOA**na$_2$** ☐ 100PJ ☐ 100PJ**na$_2$** ☐ 125AGB ☐ 125AGB**h** ☐ 125AGB**p** ☐ 125PB

☐ 125PB**znna** ☐ 250AGB ☐ 250CGB ☐ 250CGB**s** ☐ 250PB ☐ 250PB**n** ☐ 500AGB ☐ 500AGJ ☐ 500AGJ**s**

☐ 500PB ☐ 1AGB ☐ 1AGB**na$_2$** ☐ 1AGB**s** ☐ 1PB ☐ 1PB**na** ☐ _____ ☐ _____ ☐ _____ ☐ _____

Solid: ☐ 4ozCGJ ☐ 8ozCGJ ☐ 16ozCGJ ☐ Sleeve (_____) ☐ EnCores® (_____) ☐ TerraCores® (_____) ☐ _____

Air: ☐ Tedlar™ ☐ Canister ☐ Sorbent Tube ☐ PUF ☐ _____ **Other Matrix** (_____): ☐ _____ ☐ _____

Container: **A** = Amber, **B** = Bottle, **C** = Clear, **E** = Envelope, **G** = Glass, **J** = Jar, **P** = Plastic, and **Z** = Ziploc/Resealable Bag

Preservative: **b** = buffered, **f** = filtered, **h** = HCl, **n** = HNO_3, **na** = NaOH, **na$_2$** = $Na_2S_2O_3$, **p** = H_3PO_4, **s** = H_2SO_4, **u** = ultra-pure, **znna** = $Zn(CH_3CO_2)_2$ + NaOH

Labeled/Checked by: 659

Reviewed by: 1058

APPENDIX B

GROUNDWATER FIELD LOGS

DOULOS ENVIRONMENTAL INC.
WELL MONITORING EVALUATION / GAUGING SHEET

Facility No: AmeriPride - L.A.	Date: 3/15/16
Facility Location: Los Angeles	Tech: B. Johnson
Project Manager: E. Brenegan	Project No: 89698

Gauge Order	Well I.D.	Time	Depth to Bottom	Depth to Water	Depth to LPH	LPH Thickness	Comments/ Observations
1	MW-16C	1116	94.39	36.27	N/A	0	
3	K-1	1127	66.82	39.51			
2	MW-16B	1120	70.33	37.52			FB-1
4	MW-10B	1134	91.34	41.64			DUP-1
6	MW-9A	1143	62.05	39.72			
9	MW-7	1201	70.07	39.76			
5	MW-10A	1138	62.18	42.66			
10	MW-3	1210	70.06	37.64			
11	MW-12	1219	49.04	39.11			
12	MW-11	1226	56.58	39.28			
13	MW-16A	1231	45.34	36.79			
14	MW-13A	0407	62.02	41.24			
15	MW-13B	0416	91.47	42.91			DUP-2
16	MW-14	0557	52.76	39.92	↓	↓	
17	MW-15	0655	54.84	39.57	N/A	0	
7	MW-9B	1147	91.01	39.68	N/A	0	Gauge only
8	MW-2	1155	69.80	42.34	↓	↓	gauge only

Decon Method: TRIPLE RINSE

Measuring Device: SOLINST

Notes:

FIELD GROUND WATER SAMPLING REPORT

WELL ID:	MW-16C	Site:	AmeriPride - Los Angeles, CA	Date Gauged:	3/15/16
Sample Order:	1	Project Number:	57699	Date Sampled:	3/15/16
Sampled By:	B. Johnson	Weather:	Clear	Air Temperature:	77°

SITE DESCRIPTION

Well Locked:	☒ Yes ☐ No	Well Diameter: (inches)	4"	TOC / MP Height:	2 ☒ ft ☐ m ☒ Above Ground ☐ Below Ground
Well Damaged:	☐ Yes ☒ No	TOC / MP Description:	☒ PVC ☐ Open	Site Remarks:	

TOC = Top of Casing; MP = Measuring Point.

WATER LEVEL DATA

Equipment Used:	☐ E-Tape ☐ Steel Tape ☒ Other Solinst	Measurement Units:	☒ Feet ☐ Meters	Total Well Depth:	94.39
	Pre-Purge Initial	Purging Start	During Purging	Purging End	After Sampling
Time:	1116	1238	1249 / 1301	1314	1330
Depth to Water:	36.27	36.27	36.90 / 37.51	38.07	36.44
Tape Correction:	—	—	—	—	—
Water Level:	—	—	—	—	—
Product Thickness:	—	—	—	—	—
Product Recovery:	—	—	—	—	—

PURGING

CASING VOLUME CALCULATION: 58.12 ft of water in casing X ~~38.9~~ .67 gallons/foot = ~~116.8~~ 38.9 total gallons / casing volume

Equipment Used:	☐ Grab ☐ Bailer ☒ Pump Description: Grundfos 2"			Purge Depth:	62'
Well Goes Dry While Purging:	☐ Yes ☒ No	Total Volume Purged:	117 ☒ gallons ☐ liters		

FIELD WATER QUALITY DATA

Time (24-hr)	Amount Purged	Pumping Rate	pH	Temp.	Dissolved Oxygen	Cond.	Turbidity	ORP	Color / Tint	Odor	
hh:mm	☒ gallons ☐ liters	☒ gpm ☐ L/min	☐ Temp. corrected?	☒ °C ☐ °F	mg/L	☐ SC ☐ EC µS/cm	NTUs	mV			
1238	0	—	7.17	23.0	1.77	1226	20.7	226	Clear	No	
1249	39	~~3.5~~	7.09	22.8	1.84	1198	23.4	231	Clear	No	
1301	78	3.25	7.05	23.1	1.79	1171	16.9	239	Clear	No	
1314	117	3	7.05	22.9	1.84	1133	18.1	249	Clear	No	

Flow Cell Type:	N/A	DO Meter Model No.:	YSI 55	ORP Meter Model No.:	Oakton 10

Conductivity: SC = Specific Conductance corrected for temperature (µS/cm at 25°C); EC = Electroconductivity not corrected for temperature (µS/cm).

SAMPLE DATA

Equipment Used:	☐ Grab ☒ Bailer ☐ Pump Description:						Sample Depth:	36.44	
Field Sample ID	Result Code	Date (m/d/yy)	Time (hh:mm)	Bottles	Filtered (0.45 µm)	Lab ID	Case ID	SDG ID	Remarks
MW-16C	PO	3/15/16	1330	5-40ml	N/A	—	—	—	

Result Codes: PO, Primary Sample; D#, Duplicate Sample; S#, Split Sample; BF#, Field Blank; BR#, Equipment Rinsate; BT#, Trip Blank; SF#, Field Spike; (# = 1 to 9).
SDG = Sample Delivery Group.

Sampler's Name (Print)	Brian Johnson	Signature	B. Johnson	Date	3/15/16

FIELD GROUND WATER SAMPLING REPORT

WELL ID:	MW-16B	Site:	AmeriPride - Los Angeles, CA	Date Gauged:	3/15/16
Sample Order:	2	Project Number:	57699	Date Sampled:	3/15/16
Sampled By:	B. Johnson	Weather:	Clear	Air Temperature:	77°

SITE DESCRIPTION

Well Locked:	☑ Yes ☐ No	Well Diameter: (inches)	4"	TOC / MP Height:	2 ☑ ft ☐ m ☑ Above Ground ☐ Below Ground
Well Damaged:	☐ Yes ☑ No	TOC / MP Description:	☑ PVC ☐ Open	Site Remarks:	

TOC = Top of Casing; MP = Measuring Point.

WATER LEVEL DATA

Equipment Used:	☐ E-Tape ☐ Steel Tape ☑ Other Solinst	Measurement Units:	☑ Feet ☐ Meters	Total Well Depth:	70.33
	Pre-Purge Initial	Purging Start	During Purging	Purging End	After Sampling
Time:	1120	1338	1345 / 1354	1405	1420
Depth to Water:	37.52	37.52	37.94 / 38.40	39.01	37.66
Tape Correction:	—	—	—	—	—
Water Level:	—	—	—	—	—
Product Thickness:	—	—	—	—	—
Product Recovery:	—	—	—	—	—

PURGING

CASING VOLUME CALCULATION: 32.81 ft of water in casing X 21.98 gallons/foot = 21.98 total gallons / casing volume

Equipment Used:	☐ Grab ☐ Bailer ☑ Pump Description: Grundfos 2"	Purge Depth:	60'
Well Goes Dry While Purging:	☐ Yes ☑ No	Total Volume Purged:	66 ☑ gallons ☐ liters

FIELD WATER QUALITY DATA

Time (24-hr)	Amount Purged	Pumping Rate	pH	Temp.	Dissolved Oxygen	Cond.	Turbidity	ORP	Color / Tint	Odor	
hh:mm	☑ gallons ☐ liters	☑ gpm ☐ L/min	☐ Temp. corrected?	☑ °C ☐ °F	mg/L	☐ SC ☐ EC ☑ µS/cm	NTUs	mV			
1338	0	—	6.85	23.1	2.11	1508	27.4	250	Clear	No	
1345	22	3.1	6.81	23.2	2.08	1436	21.8	242	Clear	No	
1354	44	2.4	6.79	23.4	2.04	1321	22.9	236	Clear	No	
1405	66	2	6.77	23.3	2.00	1313	19.6	232	Clear	No	

Flow Cell Type: N/A DO Meter Model No.: YSI 55 ORP Meter Model No.: Oakton 10

nductivity: SC = Specific Conductance corrected for temperature (µS/cm at 25°C); EC = Electroconductivity not corrected for temperature (µS/cm).

SAMPLE DATA

Equipment Used: ☐ Grab ☑ Bailer ☐ Pump Description: _____ Sample Depth: 37.66

Field Sample ID	Result Code	Date (m/d/yy)	Time (hh:mm)	Bottles	Filtered (0.45 µm)	Lab ID	Case ID	SDG ID	Remarks
MW-16B	PO	3/15/16	1420	5-40mL	N/A	—	—	—	

ult Codes: PO, Primary Sample; D#, Duplicate Sample; S#, Split Sample; BF#, Field Blank; BR#, Equipment Rinsate; BT#, Trip Blank; SF#, Field Spike; (# = 1 to 9).
= Sample Delivery Group.

mpler's Name (nt)	Brian Johnson	Signature	B. Johnson
		Date	3/15/16

FIELD GROUND WATER SAMPLING REPORT

WELL ID:	K-1	**Site:**	AmeriPride - Los Angeles, CA	**Date Gauged:**	3/15/16
Sample Order:	3	**Project Number:**	57699	**Date Sampled:**	3/15/16
Sampled By:	B. Johnson	**Weather:**	Clear	**Air Temperature:**	79.

SITE DESCRIPTION

Well Locked:	☑ Yes ☐ No	**Well Diameter: (inches)**	2"	**TOC / MP Height:**	3 ☑ ft ☐ m ☐ Above Ground ☐ Below Ground
Well Damaged:	☑ Yes ☐ No	**TOC / MP Description:**	☑ PVC ☐ Open	**Site Remarks:**	Monument was hit and leans.

TOC = Top of Casing; MP = Measuring Point.

WATER LEVEL DATA

Equipment Used:	☐ E-Tape ☐ Steel Tape ☑ Other Solinst	**Measurement Units:**	☑ Feet ☐ Meters	**Total Well Depth:**	66.82
	Pre-Purge Initial	**Purging Start**	**During Purging**	**Purging End**	**After Sampling**
Time:	1127	1440	1444 / 1448	1452	1508
Depth to Water:	39.51	39.91	39.86 / 40.21	41.04	39.95
Tape Correction:	—	—	—	—	—
Water Level:	—	—	—	—	—
Product Thickness:	—	—	—	—	—
Product Recovery:	—	—	—	—	—

PURGING

CASING VOLUME CALCULATION: 27.31 ft of water in casing X ~~0.17~~ 4.6 gallons/foot = ~~4.6~~ total gallons / casing volume

Equipment Used:	☐ Grab ☐ Bailer ☑ Pump	**Description:**	Grundfos 2"	**Purge Depth:**	60'
Well Goes Dry While Purging:	☐ Yes ☑ No	**Total Volume Purged:**	~~55~~ 14 ☑ gallons ☐ liters		

FIELD WATER QUALITY DATA

Time (24-hr)	Amount Purged	Pumping Rate	pH	Temp.	Dissolved Oxygen	Cond.	Turbidity	ORP	Color / Tint	Odor	
hh:mm	☐ gallons ☐ liters	☐ gpm ☐ L/min	☐ Temp. corrected?	☑ °C ☐ °F	mg/L	☐ SC ☐ EC ☑ µS/cm	NTUs	mV			
1440	0	—	6.98	24.2	1.49	1225	32.6	237	Clear	No	
1444	18	4.5	6.89	24.7	1.54	1302	43.9	241	Clear	No	
1448	36	4.5	6.84	24.4	1.57	1353	64.7	245	Clear	No	
1452	55	4.5	6.81	23.9	1.62	1349	66.2	246	Clear	No	

Flow Cell Type:	NA	**DO Meter Model No.:**	YSI 55
ORP Meter Model No.:	Oakton 10		

Conductivity: SC = Specific Conductance corrected for temperature (µS/cm at 25°C); EC = Electroconductivity not corrected for temperature (µS/cm).

SAMPLE DATA

Equipment Used:	☐ Grab ☑ Bailer ☐ Pump	**Description:**					**Sample Depth:**	39.95	
Field Sample ID	**Result Code**	**Date (m/d/yy)**	**Time (hh:mm)**	**Bottles**	**Filtered (0.45 µm)**	**Lab ID**	**Case ID**	**SDG ID**	**Remarks**
K-1	PO	3/15/16	1508	5-40mL	—	—	—	—	

Result Codes: P0, Primary Sample; D#, Duplicate Sample; S#, Split Sample; BF#, Field Blank; BR#, Equipment Rinsate; BT#, Trip Blank; SF#, Field Spike; (# = 1 to 9).
SDG = Sample Delivery Group.

Sampler's Name (Print)	Brian Johnson	**Signature**	B. J.	**Date**	3/15/16

FIELD GROUND WATER SAMPLING REPORT

WELL ID:	MW-10B	Site:	AmeriPride - Los Angeles, CA	Date Gauged:	3 | 15 | 16
Sample Order:	4	Project Number:	57699	Date Sampled:	3 | 15 | 16
Sampled By:	B. Johnson	Weather:	clear	Air Temperature:	77°

SITE DESCRIPTION

Well Locked:	☑ Yes ☐ No	Well Diameter: (inches)	4"	TOC / MP Height:	3 ☑ ft ☐ m ☐ Above Ground ☐ Below Ground
Well Damaged:	☐ Yes ☑ No	TOC / MP Description:	☑ PVC ☐ Open	Site Remarks:	

TOC = Top of Casing; MP = Measuring Point.

WATER LEVEL DATA

Equipment Used:	☐ E-Tape ☐ Steel Tape ☑ Other Solinst	Measurement Units:	☑ Feet ☐ Meters	Total Well Depth:	91.34
	Pre-Purge Initial	Purging Start	During Purging	Purging End	After Sampling
Time:	1134	1542	1554 / 1607	1619	1642
Depth to Water:	41.64	41.64	42.23 / 42.80	43.56	41.91
Tape Correction:	—	—	—	—	—
Water Level:	—	—	—	—	—
Product Thickness:	—	—	—	—	—
Product Recovery:	—	—	—	—	—

PURGING

CASING VOLUME CALCULATION: 49.7 ft of water in casing X .67 gallons/foot = 33 total gallons / casing volume

Equipment Used:	☐ Grab ☐ Bailer ☑ Pump	Description: Grundfos 2"		Purge Depth:	62'
Well Goes Dry While Purging:	☐ Yes ☑ No		Total Volume Purged:	100	☑ gallons ☐ liters

FIELD WATER QUALITY DATA

Time (24-hr)	Amount Purged	Pumping Rate	pH	Temp.	Dissolved Oxygen	Cond.	Turbidity	ORP	Color / Tint	Odor	
hh:mm	☑ gallons ☐ liters	☑ gpm ☐ L/min	☐ Temp. corrected?	☑ °C ☐ °F	mg/L	☐ SC ☐ EC ☑ µS/cm	NTUs	mV			
1542	0	—	7.39	23.1	1.69	1344	21.4	181	clear	No	
1554	33	2.75	7.24	22.8	1.74	1292	22.3	187	Clear	No	
1607	66	2.5	7.20	22.4	1.77	1291	25.0	195	Clear	No	
1619	100	2.75	7.16	22.1	1.85	1277	27.6	198	Clear	No	

Flow Cell Type:	NA	DO Meter Model No.:	YSI 55	ORP Meter Model No.:	Oakton 10

Conductivity: SC = Specific Conductance corrected for temperature (µS/cm at 25°C); EC = Electroconductivity not corrected for temperature (µS/cm).

SAMPLE DATA

Equipment Used:	☐ Grab ☑ Bailer ☐ Pump	Description:		Sample Depth:	41.91

Field Sample ID	Result Code	Date (m/d/yy)	Time (hh:mm)	Bottles	Filtered (0.45 µm)	Lab ID	Case ID	SDG ID	Remarks
MW-10B	PO	3/15/16	1642	5-40mL	N/A	—	—	—	
DUP-1	PODup	3/15/16	—	5-40mL	N/A	—	—	—	

Result Codes: PO, Primary Sample; D#, Duplicate Sample; S#, Split Sample; BF#, Field Blank; BR#, Equipment Rinsate; BT#, Trip Blank; SF#, Field Spike; (# = 1 to 9).
SDG = Sample Delivery Group.

Sampler's Name (Print)	Brian Johnson	Signature	B. Johnson	Date	3 | 16

FIELD GROUND WATER SAMPLING REPORT

WELL ID:	MW-10A	**Site:**	AmeriPride - Los Angeles, CA	**Date Gauged:**	3 / 15 / 16
Sample Order:	5	**Project Number:**	57699	**Date Sampled:**	3 / 15 / 16
Sampled By:	B. Johnson	**Weather:**	Clear	**Air Temperature:**	77°

SITE DESCRIPTION

Well Locked:	☑ Yes ☐ No	**Well Diameter: (inches)**	4"	**TOC / MP Height:**	3 ☑ ft ☐ m ☑ Above Ground ☐ Below Ground
Well Damaged:	☐ Yes ☑ No	**TOC / MP Description:**	☑ PVC ☐ Open	**Site Remarks:**	

TOC = Top of Casing; MP = Measuring Point.

WATER LEVEL DATA

Equipment Used:	☐ E-Tape ☐ Steel Tape ☑ Other Solinst	**Measurement Units:**	☑ Feet ☐ Meters	**Total Well Depth:**	62.18
	Pre-Purge Initial	**Purging Start**	**During Purging**	**Purging End**	**After Sampling**
Time:	1138	1628	1632 / 1637	1643	1700
Depth to Water:	42.66	42.66	42.98 / 43.40	44.12	42.90
Tape Correction:	—	—	—	—	—
Water Level:	—	—	—	—	—
Product Thickness:	—	—	—	—	—
Product Recovery:	—	—	—	—	—

PURGING

CASING VOLUME CALCULATION: 19.52 ft of water in casing X .67 gallons/foot = 13 total gallons / casing volume

Equipment Used:	☐ Grab ☐ Bailer ☑ Pump Description: Grundfos 2"	**Purge Depth:**	59'
Well Goes Dry While Purging:	☐ Yes ☑ No	**Total Volume Purged:**	39 ☑ gallons ☐ liters

FIELD WATER QUALITY DATA

Time (24-hr)	Amount Purged	Pumping Rate	pH	Temp.	Dissolved Oxygen	Cond.	Turbidity	ORP	Color / Tint	Odor	
hh:mm	☑ gallons ☐ liters	☑ gpm ☐ L/min	☐ Temp. corrected?	☑ °C ☐ °F	mg/L	☐ SC ☐ EC ☑ µS/cm	NTUs	mV			
1628	0	—	6.79	22.2	1.17	1198	20.9	141	clear	yes	
1632	13	3.25	6.77	22.2	1.12	1112	23.2	135	clear	yes	
1637	26	2.6	6.76	22.0	1.04	1036	26.5	129	clear	yes	
1643	39	2.2	6.74	22.2	1.07	1001	29.0	128	clear	yes	

Flow Cell Type:	NA	**DO Meter Model No.:**	YSI 55
		ORP Meter Model No.:	Oakton 10

nductivity: SC = Specific Conductance corrected for temperature (µS/cm at 25°C); EC = Electroconductivity not corrected for temperature (µS/cm).

SAMPLE DATA

Equipment Used:	☐ Grab ☑ Bailer ☐ Pump Description:						**Sample Depth:**	42.90	
Field Sample ID	**Result Code**	**Date (m/d/yy)**	**Time (hh:mm)**	**Bottles**	**Filtered (0.45 µm)**	**Lab ID**	**Case ID**	**SDG ID**	**Remarks**
MW-10A	PO	3/15/16	1700	5-40mL	NA	—	—	—	

lit Codes: PO, Primary Sample; D#, Duplicate Sample; S#, Split Sample; BF#, Field Blank; BR#, Equipment Rinsate; BT#, Trip Blank; SF#, Field Spike; (# = 1 to 9).
= Sample Delivery Group.

mpler's Name (nt)	Brian Johnson	**Signature**	B. Johnson
		Date	3 / 15 / 16

FIELD GROUND WATER SAMPLING REPORT

WELL ID:	MW-9A	Site:	AmeriPride - Los Angeles, CA	Date Gauged:	3/15/16
Sample Order:	6	Project Number:	57699	Date Sampled:	3/15/16
Sampled By:	B. Johnson	Weather:	Clear	Air Temperature:	72°

SITE DESCRIPTION

Well Locked:	☒ Yes ☐ No	Well Diameter: (Inches)	4"	TOC / MP Height:	2.5 ☒ ft ☐ m ☒ Above Ground ☐ Below Ground
Well Damaged:	☐ Yes ☒ No	TOC / MP Description:	☒ PVC ☐ Open	Site Remarks:	

TOC = Top of Casing; MP = Measuring Point.

WATER LEVEL DATA

Equipment Used:	☐ E-Tape ☐ Steel Tape ☒ Other Solinst	Measurement Units:	☒ Feet ☐ Meters	Total Well Depth:	62.05
	Pre-Purge Initial	Purging Start	During Purging	Purging End	After Sampling
Time:	1143	1714	1721 / 1729	1738	1754
Depth to Water:	39.72	39.72	4030 / 4036.85	4039.60	39.99
Tape Correction:	—	—	—	—	—
Water Level:	—	—	—	—	—
Product Thickness:	—	—	—	—	—
Product Recovery:	—	—	—	—	—

PURGING

CASING VOLUME CALCULATION: 22.33 ft of water in casing X ~~25~~.67 gallons/foot = 15 total gallons / casing volume

Equipment Used:	☐ Grab ☐ Bailer ☒ Pump Description: Grundfos 2"	Purge Depth:	58'
Well Goes Dry While Purging:	☐ Yes ☒ No	Total Volume Purged:	45 ☒ gallons ☐ liters

FIELD WATER QUALITY DATA

Time (24-hr)	Amount Purged	Pumping Rate	pH	Temp.	Dissolved Oxygen	Cond.	Turbidity	ORP	Color / Tint	Odor	
hh:mm	☒ gallons ☐ liters	☒ gpm ☐ L/min	☐ Temp. corrected?	☒ °C ☐ °F	mg/L	☐ SC ☐ EC ☒ µS/cm	NTUs	mV			
1714	0	—	6.98	22.3	0.94	1205	29.8	56	clear	yes	
1721	15	2.1	7.03	22.3	0.87	1241	21.4	42	clear	yes	
1729	30	1.9	7.07	22.4	0.81	1258	23.4	37	clear	yes	
1738	45	1.67	7.12	22.3	0.77	1277	20.9	33	clear	yes	

Flow Cell Type:	N/A	DO Meter Model No.:	YSI 55
		ORP Meter Model No.:	Oakton 10

nductivity: SC = Specific Conductance corrected for temperature (µS/cm at 25°C); EC = Electroconductivity not corrected for temperature (µS/cm).

SAMPLE DATA

Equipment Used:	☐ Grab ☒ Bailer ☐ Pump Description:						Sample Depth:	39.99	
Field Sample ID	Result Code	Date (m/d/yy)	Time (hh:mm)	Bottles	Filtered (0.45 µm)	Lab ID	Case ID	SDG ID	Remarks
MW-9A	PO	3/15/16	1754	5-40mL	N/A	—	—	—	

lt Codes: PO, Primary Sample; D#, Duplicate Sample; S#, Split Sample; BF#, Field Blank; BR#, Equipment Rinsate; BT#, Trip Blank; SF#, Field Spike; (# = 1 to 9).
= Sample Delivery Group.

mpler's Name (nt)	Brian Johnson	Signature	B. Johnson
		Date	3/15/16

FIELD GROUND WATER SAMPLING REPORT

WELL ID:	MW-7	**Site:**	AmeriPride - Los Angeles, CA	**Date Gauged:**	3/15/16
Sample Order:	7	**Project Number:**	57699	**Date Sampled:**	3/15/16
Sampled By:	B. Johnson	**Weather:**		**Air Temperature:**	

SITE DESCRIPTION

Well Locked:	☑ Yes ☐ No	**Well Diameter: (inches)**	4"	**TOC / MP Height:**	2.5 ☑ ft ☐ m ☑ Above Ground ☐ Below Ground
Well Damaged:	☐ Yes ☑ No	**TOC / MP Description:**	☑ PVC ☐ Open	**Site Remarks:**	

TOC = Top of Casing; MP = Measuring Point.

WATER LEVEL DATA

Equipment Used:	☐ E-Tape ☐ Steel Tape ☑ Other Solinst	**Measurement Units:**	☑ Feet ☐ Meters	**Total Well Depth:**	70.07
	Pre-Purge Initial	**Purging Start**	**During Purging**	**Purging End**	**After Sampling**
Time:	1201	1831	1840 / 1850	1901	1918
Depth to Water:	39.76	39.76	40.08 / 40.71	41.59	40.02
Tape Correction:	—	—	—	—	—
Water Level:	—	—	—	—	—
Product Thickness:	—	—	—	—	—
Product Recovery:	—	—	—	—	—

PURGING

CASING VOLUME CALCULATION: 30.31 ft of water in casing X .67 gallons/foot = 20 total gallons / casing volume

Equipment Used:	☐ Grab ☐ Bailer ☑ Pump Description: Grundfos 2"	**Purge Depth:**	62'
Well Goes Dry While Purging:	☐ Yes ☐ No	**Total Volume Purged:**	61 ☑ gallons ☐ liters

FIELD WATER QUALITY DATA

Time (24-hr)	Amount Purged	Pumping Rate	pH	Temp.	Dissolved Oxygen	Cond.	Turbidity	ORP	Color / Tint	Odor	
hh:mm	☑ gallons ☐ liters	☑ gpm ☐ L/min	☐ Temp. corrected?	☑ °C ☐ °F	mg/L	☐ SC ☐ EC ☑ µS/cm	NTUs	mV			
1831	0	—	7.34	21.8	1.91	1243	29.4	251	clear	No	
1840	20	2.2	7.21	22.2	1.96	1270	22.7	237	clear	No	
1850	40	2	7.17	22.5	2.02	1272	20.4	229	clear	No	
1901	61	1.8	7.13	22.5	2.08	1290	23.5	225	clear	No	

Flow Cell Type:	NA	**DO Meter Model No.:**	YSI 55
ORP Meter Model No.:	Oakton 10		

Conductivity: SC = Specific Conductance corrected for temperature (µS/cm at 25°C); EC = Electroconductivity not corrected for temperature (µS/cm).

SAMPLE DATA

Equipment Used:	☐ Grab ☑ Bailer ☐ Pump Description:						**Sample Depth:**	40.02
Field Sample ID	**Result Code**	**Date (m/d/yy)**	**Time (hh:mm)**	**Bottles**	**Filtered (0.45 µm)**	**Lab ID**	**Case ID**	**SDG ID**	**Remarks**
MW-7	PO	3/15/16	1918	5-40mL	NA	—	—	—	

Result Codes: PO, Primary Sample; D#, Duplicate Sample; S#, Split Sample; BF#, Field Blank; BR#, Equipment Rinsate; BT#, Trip Blank; SF#, Field Spike; (# = 1 to 9).
SDG = Sample Delivery Group.

Sampler's Name (Print)	Brian Johnson	**Signature**	B. Johnson
Date	3/15/16		

FIELD GROUND WATER SAMPLING REPORT

WELL ID:	MW-13A	**Site:**	AmeriPride - Los Angeles, CA	**Date Gauged:**	3/16/16
Sample Order:	8	**Project Number:**	57699	**Date Sampled:**	3/16/16
Sampled By:	B. Johnson	**Weather:**	clear	**Air Temperature:**	55°

SITE DESCRIPTION

Well Locked:	☐ Yes ☒ No	**Well Diameter: (inches)**	4"	**TOC / MP Height:**	.5 ☒ ft ☐ m ☐ Above Ground ☒ Below Ground
Well Damaged:	☒ Yes ☐ No	**TOC / MP Description:**	☒ PVC ☐ Open	**Site Remarks:**	water in well box Added 1 bolt

TOC = Top of Casing; MP = Measuring Point.

WATER LEVEL DATA

Equipment Used:	☐ E-Tape ☐ Steel Tape ☒ Other Solinst	**Measurement Units:**	☒ Feet ☐ Meters	**Total Well Depth:**	62.02
	Pre-Purge Initial	**Purging Start**	**During Purging**	**Purging End**	**After Sampling**
Time:	0407	0418	0423 / 0429	0436	0500
Depth to Water:	41.24	41.24	41.91 / 42.53	43.47	41.66
Tape Correction:	—	—	—	—	—
Water Level:	—	—	—	—	—
Product Thickness:	—	—	—	—	—
Product Recovery:	—	—	—	—	—

PURGING

CASING VOLUME CALCULATION: 20.78 ft of water in casing X .67 gallons/foot = 13.9 total gallons / casing volume

Equipment Used:	☐ Grab ☐ Bailer ☒ Pump	**Description:**	Grundfos 2"	**Purge Depth:**	58'
Well Goes Dry While Purging:	☐ Yes ☒ No	**Total Volume Purged:**	42	☒ gallons ☐ liters	

FIELD WATER QUALITY DATA

Time (24-hr)	Amount Purged	Pumping Rate	pH	Temp.	Dissolved Oxygen	Cond.	Turbidity	ORP	Color / Tint	Odor	
hh:mm	☒ gallons ☐ liters	☒ gpm ☐ L/min	☐ Temp. corrected?	☒ °C ☐ °F	mg/L	☐ SC ☐ EC ☒ µS/cm	NTUs	mV			
0418	0	—	7.20	20.2	1.57	1787	16.8	245	clear	No	
0423	14	2.8	7.18	20.0	1.50	1793	21.1	248	clear	No	
0429	28	2.3	7.20	20.0	1.48	1819	20.0	252	clear	No	
0436	42	2	7.22	19.7	1.44	1880	23.5	252	Clear	No	

Flow Cell Type:	NA	**DO Meter Model No.:**	YSI 55	**ORP Meter Model No.:**	Oakton 10

Conductivity: SC = Specific Conductance corrected for temperature (µS/cm at 25°C); EC = Electroconductivity not corrected for temperature (µS/cm).

SAMPLE DATA

Equipment Used:	☐ Grab ☒ Bailer ☐ Pump	**Description:**					**Sample Depth:**	41.66	
Field Sample ID	**Result Code**	**Date (m/d/yy)**	**Time (hh:mm)**	**Bottles**	**Filtered (0.45 µm)**	**Lab ID**	**Case ID**	**SDG ID**	**Remarks**
MW-13A	PO	3/16/16	0500	5-40 mL	NA	—	—	—	

Result Codes: PO, Primary Sample; D#, Duplicate Sample; S#, Split Sample; BF#, Field Blank; BR#, Equipment Rinsate; BT#, Trip Blank; SF#, Field Spike; (# = 1 to 9).
SDG = Sample Delivery Group.

Sampler's Name (Print)	Brian Johnson	**Signature**	B. Johnson
Date	3/16/16		

FIELD GROUND WATER SAMPLING REPORT

WELL ID:	MW-13B	Site:	AmeriPride - Los Angeles, CA	Date Gauged:	3/16/16
Sample Order:	9	Project Number:	57699	Date Sampled:	3/16/16
Sampled By:	B. Johnson	Weather:	Clear	Air Temperature:	58°

SITE DESCRIPTION

Well Locked:	□ Yes ☒ No	Well Diameter: (inches)	4"	TOC / MP Height:	.5 ☒ ft □ m □ Above Ground ☒ Below Ground
Well Damaged:	□ Yes ☒ No	TOC / MP Description:	☒ PVC □ Open	Site Remarks:	Added 1 bolt

TOC = Top of Casing; MP = Measuring Point.

WATER LEVEL DATA

Equipment Used:	☐ E-Tape ☐ Steel Tape ☒ Other Solinst	Measurement Units:	☒ Feet ☐ Meters	Total Well Depth:	91.47
	Pre-Purge initial	Purging Start	During Purging	Purging End	After Sampling
Time:	0410	0445	0455 / 0505	0515	0530
Depth to Water:	42.91	42.91	43.33 / 4389	44.40	43.21
Tape Correction:	—	—	—	—	—
Water Level:	—	—	—	—	—
Product Thickness:	—	—	—	—	—
Product Recovery:	—	—	—	—	—

PURGING

CASING VOLUME CALCULATION: 48.56 ft of water in casing X .67 gallons/foot = 32.5 total gallons / casing volume

Equipment Used:	□ Grab □ Bailer ☒ Pump	Description: Grundfos 2"		Purge Depth:	62'
Well Goes Dry While Purging:	□ Yes ☒ No		Total Volume Purged:	98	☒ gallons □ liters

FIELD WATER QUALITY DATA

Time (24-hr)	Amount Purged	Pumping Rate	pH	Temp.	Dissolved Oxygen	Cond.	Turbidity	ORP	Color / Tint	Odor	
hh:mm	☒ gallons ☐ liters	☒ gpm ☐ L/min	☐ Temp. corrected?	☒ °C ☐ °F	mg/L	☐ SC ☐ EC ☒ µS/cm	NTUs	mV			
0445	0	—	7.66	19.9	2.11	1344	17.2	262	clear	No	
0455	33	3.3	7.62	20.0	2.04	1307	19.3	257	clear	No	
0505	66	3.3	7.56	20.2	2.05	1294	21.9	252	clear	No	
0515	98	3.3	7.53	20.4	2.02	1261	18.5	254	clear	No	

Flow Cell Type:	NA	DO Meter Model No.:	YSI 55	ORP Meter Model No.:	Oakton 10

Conductivity: SC = Specific Conductance corrected for temperature (µS/cm at 25°C); EC = Electroconductivity not corrected for temperature (µS/cm).

SAMPLE DATA

Equipment Used:	☐ Grab ☒ Bailer ☐ Pump	Description:		Sample Depth:	43.21

Field Sample ID	Result Code	Date (m/d/yy)	Time (hh:mm)	Bottles	Filtered (0.45 µm)	Lab ID	Case ID	SDG ID	Remarks
MW-13B	PO	3/16/16	0530	5-40mL	N/A	—	—	—	
DUP-2	DUP	3/16/16	—	5-40mL	N/A	—	—	—	

Result Codes: PO, Primary Sample; D#, Duplicate Sample; S#, Split Sample; BF#, Field Blank; BR#, Equipment Rinsate; BT#, Trip Blank; SF#, Field Spike; (# = 1 to 9).
SDG = Sample Delivery Group.

Sampler's Name (Print)	Brian Johnson	Signature		Date	3/16/16

FIELD GROUND WATER SAMPLING REPORT

WELL ID:	MW-14	**Site:**	AmeriPride - Los Angeles, CA	**Date Gauged:**	3 16 16
Sample Order:	10	**Project Number:**	57699	**Date Sampled:**	3 16 16
Sampled By:	B. Johnson	**Weather:**	clear	**Air Temperature:**	60

SITE DESCRIPTION

Well Locked:	☑ Yes ☐ No	**Well Diameter: (inches)**	4"	**TOC / MP Height:**	2.5 ☑ ft ☐ m ☐ Above Ground ☑ Below Ground
Well Damaged:	☐ Yes ☑ No	**TOC / MP Description:**	☑ PVC ☐ Open	**Site Remarks:**	

TOC = Top of Casing; MP = Measuring Point.

WATER LEVEL DATA

Equipment Used:	☐ E-Tape ☐ Steel Tape ☑ Other Solinst	**Measurement Units:**	☑ Feet ☐ Meters	**Total Well Depth:**	52.76
	Pre-Purge Initial	**Purging Start**	**During Purging**	**Purging End**	**After Sampling**
Time:	0557	0602	0607 / 0613	0620	0635
Depth to Water:	39.92	39.92	40.54 / 41.70	43.17	40.36
Tape Correction:	—	—	—	—	—
Water Level:	—	—	—	—	—
Product Thickness:	—	—	—	—	—
Product Recovery:	—	—	—	—	—

PURGING

CASING VOLUME CALCULATION: 12.84 ft of water in casing X .67 gallons/foot = 8.6 total gallons / casing volume

Equipment Used:	☐ Grab ☐ Bailer ☑ Pump Description: Grundfos 2"			**Purge Depth:**	49'
Well Goes Dry While Purging:	☐ Yes ☑ No			**Total Volume Purged:**	26 ☑ gallons ☐ liters

FIELD WATER QUALITY DATA

Time (24-hr)	Amount Purged	Pumping Rate	pH	Temp.	Dissolved Oxygen	Cond.	Turbidity	ORP	Color / Tint	Odor	
hh:mm	☑ gallons ☐ liters	☑ gpm ☐ L/min	☐ Temp. corrected?	☑ °C ☐ °F	mg/L	☐ SC ☐ EC ☑ µS/cm	NTUs	mV			
0602	0	—	7.14	20.4	1.76	1114	31.4	195	clear	No	
0607	9	1.8	7.11	20.5	1.72	1197	46.2	199	clear	No	
0613	18	1.5	7.09	20.8	1.69	1214	81.9	202	clear	No	
0620	26	1.1	7.08	21.1	1.66	1240	112	204	clear	No	

Flow Cell Type:	N/A	**DO Meter Model No.:**	YSI 55
ORP Meter Model No.:	Oakton 10		

Conductivity: SC = Specific Conductance corrected for temperature (µS/cm at 25°C); EC = Electroconductivity not corrected for temperature (µS/cm).

SAMPLE DATA

Equipment Used:	☐ Grab ☑ Bailer ☐ Pump Description:						**Sample Depth:**	40.36	
Field Sample ID	**Result Code**	**Date (m/d/yy)**	**Time (hh:mm)**	**Bottles**	**Filtered (0.45 µm)**	**Lab ID**	**Case ID**	**SDG ID**	**Remarks**
MW-14	PO	3/16/16	0635	5-40mL	N/A	—	—	—	

Result Codes: PO, Primary Sample; D#, Duplicate Sample; S#, Split Sample; BF#, Field Blank; BR#, Equipment Rinsate; BT#, Trip Blank; SF#, Field Spike; (# = 1 to 9).
SDG = Sample Delivery Group.

Sampler's Name (Print)	Brian Johnson	**Signature**	B. J.	**Date**	3 16 16

FIELD GROUND WATER SAMPLING REPORT

WELL ID:	MW-15	**Site:**	AmeriPride - Los Angeles, CA	**Date Gauged:**	3/16/16
Sample Order:	11	**Project Number:**	57699	**Date Sampled:**	3/16/16
Sampled By:	B. Johnson	**Weather:**	Clear	**Air Temperature:**	62°

SITE DESCRIPTION

Well Locked:	☑ Yes ☐ No	**Well Diameter: (inches)**	4"	**TOC / MP Height:**	.5 ☑ ft ☐ m ☐ Above Ground ☑ Below Ground
Well Damaged:	☐ Yes ☑ No	**TOC / MP Description:**	☑ PVC ☐ Open	**Site Remarks:**	

TOC = Top of Casing; MP = Measuring Point

WATER LEVEL DATA

Equipment Used:	☐ E-Tape ☐ Steel Tape ☑ Other Solinst	**Measurement Units:**	☑ Feet ☐ Meters	**Total Well Depth:**	54.84
	Pre-Purge Initial	**Purging Start**	**During Purging**	**Purging End**	**After Sampling**
Time:	0655	0701	0708 / 0716	0725	0740
Depth to Water:	39.57	39.57	39.91 / 40.43	40.98	39.88
Tape Correction:	—	—	—	—	—
Water Level:	—	—	—	—	—
Product Thickness:	—	—	—	—	—
Product Recovery:	—	—	—	—	—

PURGING

CASING VOLUME CALCULATION: 15.27 ft of water in casing X .67 gallons/foot = 10 total gallons / casing volume

Equipment Used:	☐ Grab ☐ Bailer ☑ Pump Description: Grundfos 2"			**Purge Depth:**	51'
Well Goes Dry While Purging:	☐ Yes ☑ No		**Total Volume Purged:**	31	☑ gallons ☐ liters

FIELD WATER QUALITY DATA

Time (24-hr)	Amount Purged	Pumping Rate	pH	Temp.	Dissolved Oxygen	Cond.	Turbidity	ORP	Color / Tint	Odor	
hh:mm	☑ gallons ☐ liters	☑ gpm ☐ L/min	☐ Temp. corrected?	☑ °C ☐ °F	mg/L	☐ SC ☐ EC ☑ µS/cm	NTUs	mV			
0701	0	—	7.15	20.7	1.96	1477	21.1	213	clear	No	
0708	10	1.4	7.07	20.8	1.89	1416	19.8	207	clear	No	
0716	20	1.25	7.03	21.1	1.85	1390	24.5	202	clear	No	
0725	31	1.2	7.00	21.0	1.82	1361	27.1	200	clear	No	

Flow Cell Type:	N/A	**DO Meter Model No.:**	YSI 55	**ORP Meter Model No.:**	Oakton 10

Conductivity: SC = Specific Conductance corrected for temperature (µS/cm at 25°C); EC = Electroconductivity not corrected for temperature (µS/cm).

SAMPLE DATA

Equipment Used:	☐ Grab ☑ Bailer ☐ Pump Description:							**Sample Depth:**	39.88
Field Sample ID	**Result Code**	**Date (m/d/yy)**	**Time (hh:mm)**	**Bottles**	**Filtered (0.45 µm)**	**Lab ID**	**Case ID**	**SDG ID**	**Remarks**
MW-15	PO	3/16/16	0740	5-40mL	N/A	—	—	—	

Result Codes: PO, Primary Sample; D#, Duplicate Sample; S#, Split Sample; BF#, Field Blank; BR#, Equipment Rinsate; BT#, Trip Blank; SF#, Field Spike; (# = 1 to 9).
SDG = Sample Delivery Group.

Sampler's Name (Print)	Brian Johnson	**Signature**		**Date**	3/16/16

FIELD GROUND WATER SAMPLING REPORT

WELL ID:	MW-3	**Site:**	AmeriPride - Los Angeles, CA	**Date Gauged:**	3 | 15 | 16
Sample Order:	12	**Project Number:**	57699	**Date Sampled:**	3 | 16 | 16
Sampled By:	B. Johnson	**Weather:**	Clear	**Air Temperature:**	72°

SITE DESCRIPTION

Well Locked:	☐ Yes ☒ No	**Well Diameter: (inches)**	4"	**TOC / MP Height:**	2.5 ☒ ft ☐ m ☒ Above Ground ☐ Below Ground
Well Damaged:	☐ Yes ☒ No	**TOC / MP Description:**	☒ PVC ☐ Open	**Site Remarks:**	

TOC = Top of Casing; MP = Measuring Point.

WATER LEVEL DATA

Equipment Used:	☐ E-Tape ☐ Steel Tape ☒ Other Solinst	**Measurement Units:**	☒ Feet ☐ Meters	**Total Well Depth:**	70.06
	Pre-Purge Initial	**Purging Start**	**During Purging**	**Purging End**	**After Sampling**
Time:	1210	0842	0856 / 0899	0909	0926
Depth to Water:	37.64	37.64	38.11 / 38.86	39.94	38.36
Tape Correction:	—	—	—	—	—
Water Level:	—	—	—	—	—
Product Thickness:	—	—	—	—	—
Product Recovery:	—	—	—	—	—

PURGING

CASING VOLUME CALCULATION: 32.42 ft of water in casing X .67 gallons/foot = 21.7 total gallons / casing volume

Equipment Used:	☐ Grab ☐ Bailer ☒ Pump	**Description:**	Grundfos 2"	**Purge Depth:**	62'
Well Goes Dry While Purging:	☐ Yes ☒ No	**Total Volume Purged:**	65	☒ gallons ☐ liters	

FIELD WATER QUALITY DATA

Time (24-hr)	Amount Purged	Pumping Rate	pH	Temp.	Dissolved Oxygen	Cond.	Turbidity	ORP	Color / Tint	Odor	
hh:mm	☒ gallons ☐ liters	☒ gpm ☐ L/min	☐ Temp. corrected?	☒ °C ☐ °F	mg/L	☐ SC ☐ EC ☒ µS/cm	NTUs	mV			
0842	0	—	6.89	21.4	1.69	1350	26.6	199	Clear	No	
0850	22	2.75	6.82	21.7	1.72	1395	23.9	208	Clear	No	
0859	44	2.4	6.78	21.9	1.75	1335	24.5	211	Clear	No	
0909	65	2.1	6.75	21.4	1.74	1321	22.2	215	Clear	No	
Flow Cell Type:	N/A		**DO Meter Model No.:**	YSI 55		**ORP Meter Model No.:**	Oakton 10				

Conductivity: SC = Specific Conductance corrected for temperature (µS/cm at 25°C); EC = Electroconductivity not corrected for temperature (µS/cm).

SAMPLE DATA

Equipment Used:	☐ Grab ☒ Bailer ☐ Pump	**Description:**					**Sample Depth:**	38.36	
Field Sample ID	**Result Code**	**Date (m/d/yy)**	**Time (hh:mm)**	**Bottles**	**Filtered (0.45 µm)**	**Lab ID**	**Case ID**	**SDG ID**	**Remarks**
MW-3	PO	3/16/16	0926	5-40mL	N/A	—	—	—	

Result Codes: PO, Primary Sample; D#, Duplicate Sample; S#, Split Sample; BF#, Field Blank; BR#, Equipment Rinsate; BT#, Trip Blank; SF#, Field Spike; (# = 1 to 9).
SDG = Sample Delivery Group.

Sampler's Name (Print)	Brian Johnson	**Signature**	B. J.	**Date**	3 | 16 | 16

FIELD GROUND WATER SAMPLING REPORT

WELL ID:	MW-12	**Site:**	AmeriPride - Los Angeles, CA	**Date Gauged:**	3 | 15 | 16
Sample Order:	13	**Project Number:**	57699	**Date Sampled:**	3 | 16 | 16
Sampled By:	B. Johnson	**Weather:**	Clear	**Air Temperature:**	74°

SITE DESCRIPTION

Well Locked:	☑ Yes ☐ No	**Well Diameter: (inches)**	4"	**TOC / MP Height:**	3 ☑ ft ☐ m ☑ Above Ground ☐ Below Ground
Well Damaged:	☐ Yes ☑ No	**TOC / MP Description:**	☑ PVC ☐ Open	**Site Remarks:**	Root in well

TOC = Top of Casing; MP = Measuring Point.

WATER LEVEL DATA

Equipment Used:	☐ E-Tape ☐ Steel Tape ☑ Other Solinst	**Measurement Units:**	☑ Feet ☐ Meters	**Total Well Depth:**	49.04
	Pre-Purge Initial	**Purging Start**	**During Purging**	**Purging End**	**After Sampling**
Time:	1219	0950	0954 / 0958	1003	1020
Depth to Water:	39.11	39.11	39.79 / 40.54	41.88	39.76
Tape Correction:	—	—	—	—	—
Water Level:	—	—	—	—	—
Product Thickness:	—	—	—	—	—
Product Recovery:	—	—	—	—	—

PURGING

CASING VOLUME CALCULATION: 9.93 ft of water in casing X .67 gallons/foot = 6.65 total gallons / casing volume

Equipment Used:	☐ Grab ☐ Bailer ☑ Pump	**Description:**	Grundfos 2"	**Purge Depth:**	46'
Well Goes Dry While Purging:	☐ Yes ☑ No	**Total Volume Purged:**	20 ☑ gallons ☐ liters		

FIELD WATER QUALITY DATA

Time (24-hr)	Amount Purged	Pumping Rate	pH	Temp.	Dissolved Oxygen	Cond.	Turbidity	ORP	Color / Tint	Odor	
hh:mm	☑ gallons ☐ liters	☑ gpm ☐ L/min	☐ Temp. corrected?	☑ °C ☐ °F	mg/L	☐ SC ☐ EC ☑ µS/cm	NTUs	mV			
0950	0	—	6.84	22.1	1.41	1174	29.1	213	Clear	No	
0954	7	1.75	6.77	22.4	1.46	1408	56.7	216	Clear	No	
0958	14	1.75	6.72	22.5	1.52	1527	84.4	221	Clear	No	
1003	20	1.2	6.66	22.4	1.55	1453	130	222	Clear	No	

Flow Cell Type:	N/A	**DO Meter Model No.:**	YSI 55
ORP Meter Model No.:	Oakton 10		

Conductivity: SC = Specific Conductance corrected for temperature (µS/cm at 25°C); EC = Electroconductivity not corrected for temperature (µS/cm).

SAMPLE DATA

Equipment Used:	☐ Grab ☑ Bailer ☐ Pump	**Description:**					**Sample Depth:**	39.76	
Field Sample ID	**Result Code**	**Date (m/d/yy)**	**Time (hh:mm)**	**Bottles**	**Filtered (0.45 µm)**	**Lab ID**	**Case ID**	**SDG ID**	**Remarks**
MW-12	PO	3/16/16	1020	5-40mL	N/A	—	—	—	

Result Codes: PO, Primary Sample; D#, Duplicate Sample; S#, Split Sample; BF#, Field Blank; BR#, Equipment Rinsate; BT#, Trip Blank; SF#, Field Spike; (# = 1 to 9).
SDG = Sample Delivery Group.

Sampler's Name (Print)	Brian Johnson	**Signature**	B. J.	**Date**	3 | 16 | 16

FIELD GROUND WATER SAMPLING REPORT

WELL ID:	MW-11	**Site:**	AmeriPride - Los Angeles, CA	**Date Gauged:**	3/15/16
Sample Order:	14	**Project Number:**	57699	**Date Sampled:**	3/16/16
Sampled By:	B. Johnson	**Weather:**	clear	**Air Temperature:**	78°

SITE DESCRIPTION

Well Locked:	☑ Yes ☐ No	**Well Diameter: (inches)**	4"	**TOC / MP Height:**	4 ☑ ft ☐ m ☑ Above Ground ☐ Below Ground
Well Damaged:	☐ Yes ☑ No	**TOC / MP Description:**	☑ PVC ☐ Open	**Site Remarks:**	

TOC = Top of Casing; MP = Measuring Point.

WATER LEVEL DATA

Equipment Used:	☐ E-Tape ☐ Steel Tape ☑ Other Solinst	**Measurement Units:**	☑ Feet ☐ Meters	**Total Well Depth:**	56.58
	Pre-Purge Initial	**Purging Start**	**During Purging**	**Purging End**	**After Sampling**
Time:	1232 26	1104	1112 / 1121	1131	1146
Depth to Water:	39.29	39.28	39.98 / 40.57	41.24	39.80
Tape Correction:	—	—	—	—	—
Water Level:	—	—	—	—	—
Product Thickness:	—	—	—	—	—
Product Recovery:	—	—	—	—	—

PURGING

CASING VOLUME CALCULATION: 17.3 ft of water in casing X .67 gallons/foot = 11.59 total gallons / casing volume

Equipment Used:	☐ Grab ☐ Bailer ☑ Pump	**Description:**	Grundfos 2"	**Purge Depth:**	53'
Well Goes Dry While Purging:	☐ Yes ☑ No	**Total Volume Purged:**	35	☑ gallons ☐ liters	

FIELD WATER QUALITY DATA

Time (24-hr)	Amount Purged	Pumping Rate	pH	Temp.	Dissolved Oxygen	Cond.	Turbidity	ORP	Color / Tint	Odor	
hh:mm	☑ gallons ☐ liters	☑ gpm ☐ L/min	☐ Temp. corrected?	☑ °C ☐ °F	mg/L	☐ SC ☐ EC ☑ µS/cm	NTUs	mV			
1104	0	—	6.71	22.7	1.45	1381	16.7	166	clear	No	
1117	12	1.5	6.702	22.9	1.51	1276	19.3	171	Clear	No	
1121	24	1.3	6.69	22.7	1.56	1170	22.1	175	Clear	No	
1131	35	1	6.66	22.7	1.56	1224	24.2	179	clear	No	

Flow Cell Type:	NA	**DO Meter Model No.:**	YSI 55	**ORP Meter Model No.:**	Oakton 10

Conductivity: SC = Specific Conductance corrected for temperature (µS/cm at 25°C); EC = Electroconductivity not corrected for temperature (µS/cm).

SAMPLE DATA

Equipment Used:	☐ Grab ☑ Bailer ☐ Pump	**Description:**		**Sample Depth:**	39.80

Field Sample ID	Result Code	Date (m/d/yy)	Time (hh:mm)	Bottles	Filtered (0.45 µm)	Lab ID	Case ID	SDG ID	Remarks
MW-11	PO	3/16/16	1146	5-40mL	NA	—	—	—	

Result Codes: PO, Primary Sample; D#, Duplicate Sample; S#, Split Sample; BF#, Field Blank; BR#, Equipment Rinsate; BT#, Trip Blank; SF#, Field Spike; (# = 1 to 9).
SDG = Sample Delivery Group.

Sampler's Name (Print)	Brian Johnson	**Signature**	B. Johnson	**Date**	3/16/16

FIELD GROUND WATER SAMPLING REPORT

WELL ID:	MW-16A	Site:	AmeriPride - Los Angeles, CA	Date Gauged:	3/15/16
Sample Order:	15	Project Number:	57699	Date Sampled:	3/16/16
Sampled By:	B. Johnson	Weather:	Clear	Air Temperature:	78°

SITE DESCRIPTION

Well Locked:	☒ Yes ☐ No	Well Diameter: (inches)	4"	TOC / MP Height:	2 ☒ ft ☐ m ☒ Above Ground ☐ Below Ground
Well Damaged:	☐ Yes ☒ No	TOC / MP Description:	☒ PVC ☐ Open	Site Remarks:	

TOC = Top of Casing; MP = Measuring Point.

WATER LEVEL DATA

Equipment Used:	☐ E-Tape ☐ Steel Tape ☒ Other Solinst	Measurement Units:	☒ Feet ☐ Meters	Total Well Depth:	45.34
	Pre-Purge Initial	Purging Start	During Purging	Purging End	After Sampling
Time:	1231	1159	1203 / 1208	1214	1232
Depth to Water:	36.79	36.79	37.41 / 38.54	40.19	37.53
Tape Correction:	—	—	—	—	—
Water Level:	—	—	—	—	—
Product Thickness:	—	—	—	—	—
Product Recovery:	—	—	—	—	—

PURGING

CASING VOLUME CALCULATION: 8.55 ft of water in casing X .67 gallons/foot = 5.7 total gallons / casing volume

Equipment Used:	☐ Grab ☐ Bailer ☒ Pump Description: Grundfos 2"	Purge Depth:	44'
Well Goes Dry While Purging:	☐ Yes ☒ No	Total Volume Purged:	17 ☒ gallons ☐ liters

FIELD WATER QUALITY DATA

Time (24-hr)	Amount Purged	Pumping Rate	pH	Temp.	Dissolved Oxygen	Cond.	Turbidity	ORP	Color / Tint	Odor	
hh:mm	☒ gallons ☐ liters	☒ gpm ☐ L/min	☐ Temp. corrected?	☒ °C ☐ °F	mg/L	☐ SC ☐ EC ☒ µS/cm	NTUs	mV			
1159	0	—	7.37	22.9	1.61	1720	747	205	Cloudy	NO	
1203	6	1.5	7.33	22.8	1.64	1672	90.3	211	Clear	NO	
1208	12	1.2	7.26	22.7	1.67	1527	46.2	219	Clear	NO	
1214	17	1	7.24	22.9	1.66	1518	49.5	218	Clear	No	

Flow Cell Type:	N/A	DO Meter Model No.:	YSI 55	ORP Meter Model No.:	Oakton 10

nductivity: SC = Specific Conductance corrected for temperature (µS/cm at 25°C); EC = Electroconductivity not corrected for temperature (µS/cm).

SAMPLE DATA

Equipment Used:	☐ Grab ☒ Bailer ☐ Pump Description:						Sample Depth:	37.53	
Field Sample ID	Result Code	Date (m/d/yy)	Time (hh:mm)	Bottles	Filtered (0.45 µm)	Lab ID	Case ID	SDG ID	Remarks
MW-16A	PO	3/16/16	1232	5-40mL	N/A	—	—	—	

ult Codes: PO, Primary Sample; D#, Duplicate Sample; S#, Split Sample; BF#, Field Blank; BR#, Equipment Rinsate; BT#, Trip Blank; SF#, Field Spike; (# = 1 to 9).
= Sample Delivery Group.

mpler's Name int)	Brian Johnson	Signature		Date	3/16/16

APPENDIX C

NON-HAZARDOUS WATER TRANSPORT FORM

NON-HAZARDOUS WATER TRANSPORT FORM

GENERATOR

Name: Ameripride
Address: 3505 Pasadena Ave
Los Angeles, CA
Phone:

CUSTOMER

Name: Doulos Environmental, Inc.
Address: P. O. Box 2559
Orangevale, CA 95662
Phone: 916-990-0333

DESCRIPTION

Description of Water : Purge water from Monitoring Wells

Volume/Weight: 500 Units: gallons Container(s): Poly tank

This non-hazardous waste water is monitoring well purge water, auger rinsate, sampling equipment rinsate, tank rinsate, combination thereof, or as described above. Described water may contain dissolved hydrocarbons. I certify that the above named material has been properly described and classified according to applicable regulations, and possesses no characteristics hat would require its handling as hazardous waste.

Generator/Authorized Agent: Hal Hansen (Print) Hal Hansen (Sign) 6/29/16 (Date)

TRANSPORTER

Name: Doulos Environmental
Address: P. O. Box 2559
Orangevale, CA 95662
Phone: 916-990-0333

Job No:
Pick-up Date:
Truck ID:
Driver: (Sign) Date 7-5-16

DISPOSAL FACILITY

Name: Inviro-tec Disposal
Address: 2480 Athens Ave
Lincoln, CA

Quantity: 500
Units: gallons
Disposal Method:

Received by: Trevor Burnett (Print) (Sign) 7/5/16 (Date)

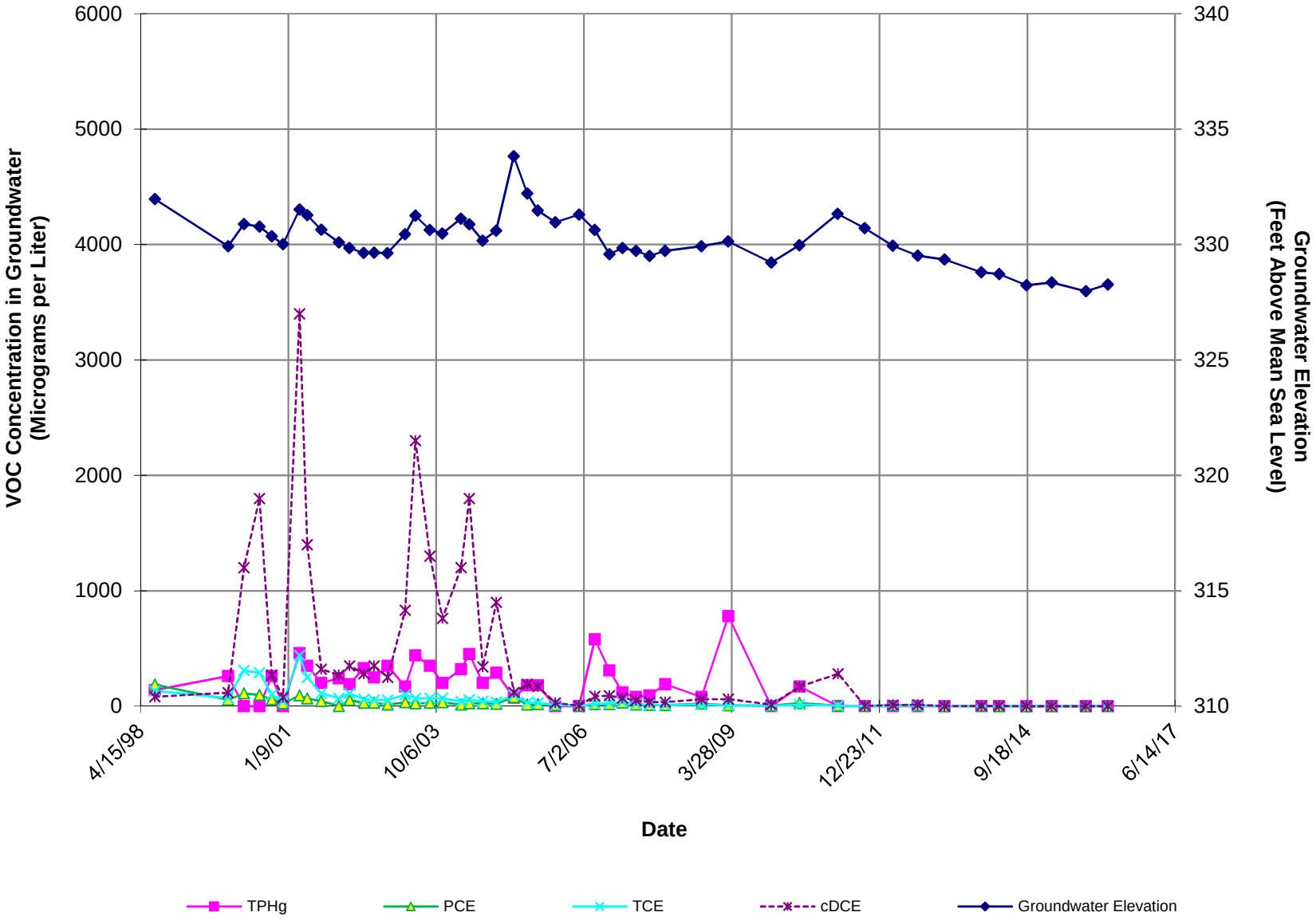
APPENDIX D

GROUNDWATER CONCENTRATION TREND GRAPHS/HYDROGRAPHS

K-1

VOC Concentration and Hydrograph vs. Time

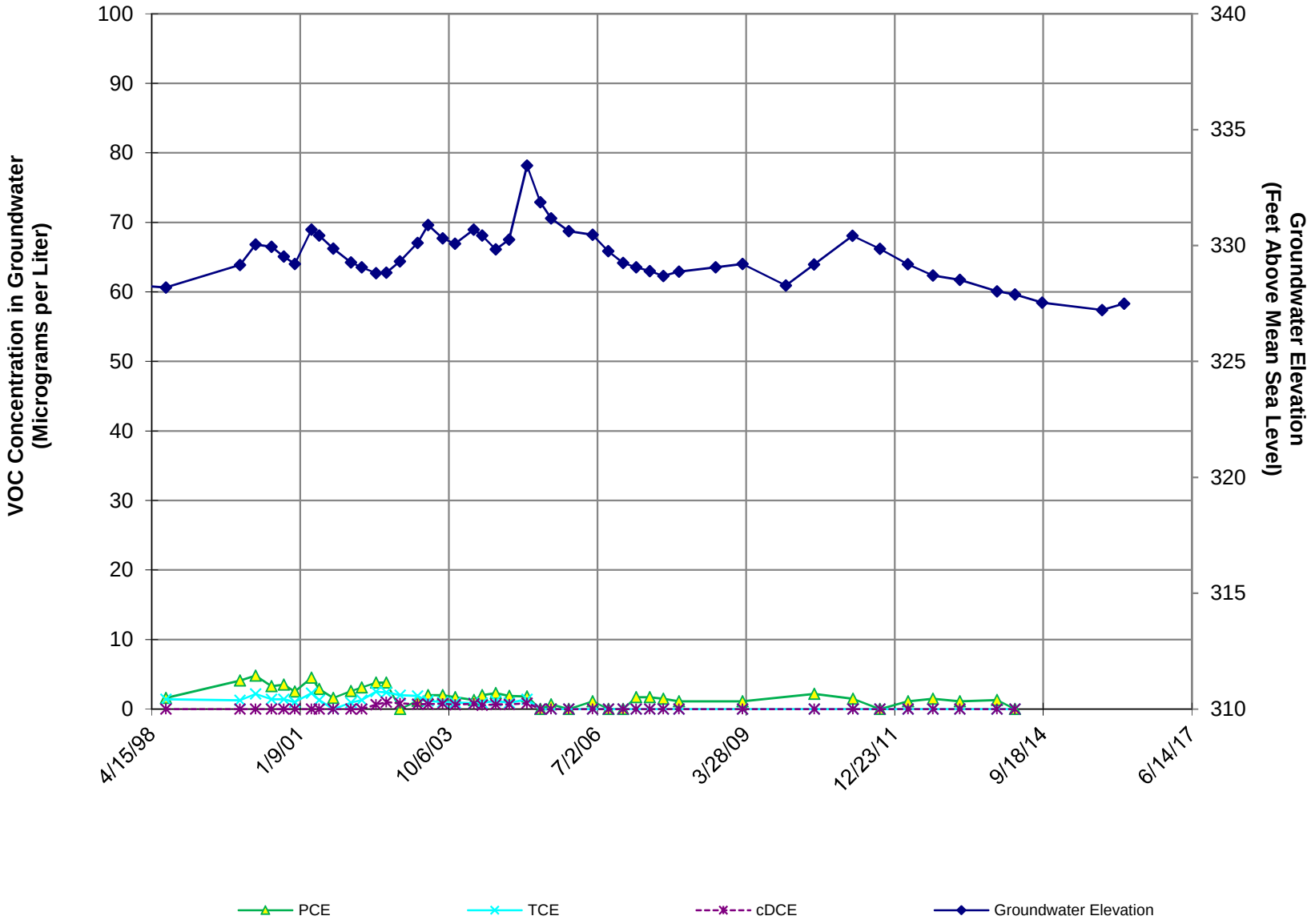
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California



MW-2

VOC Concentration and Hydrograph vs. Time

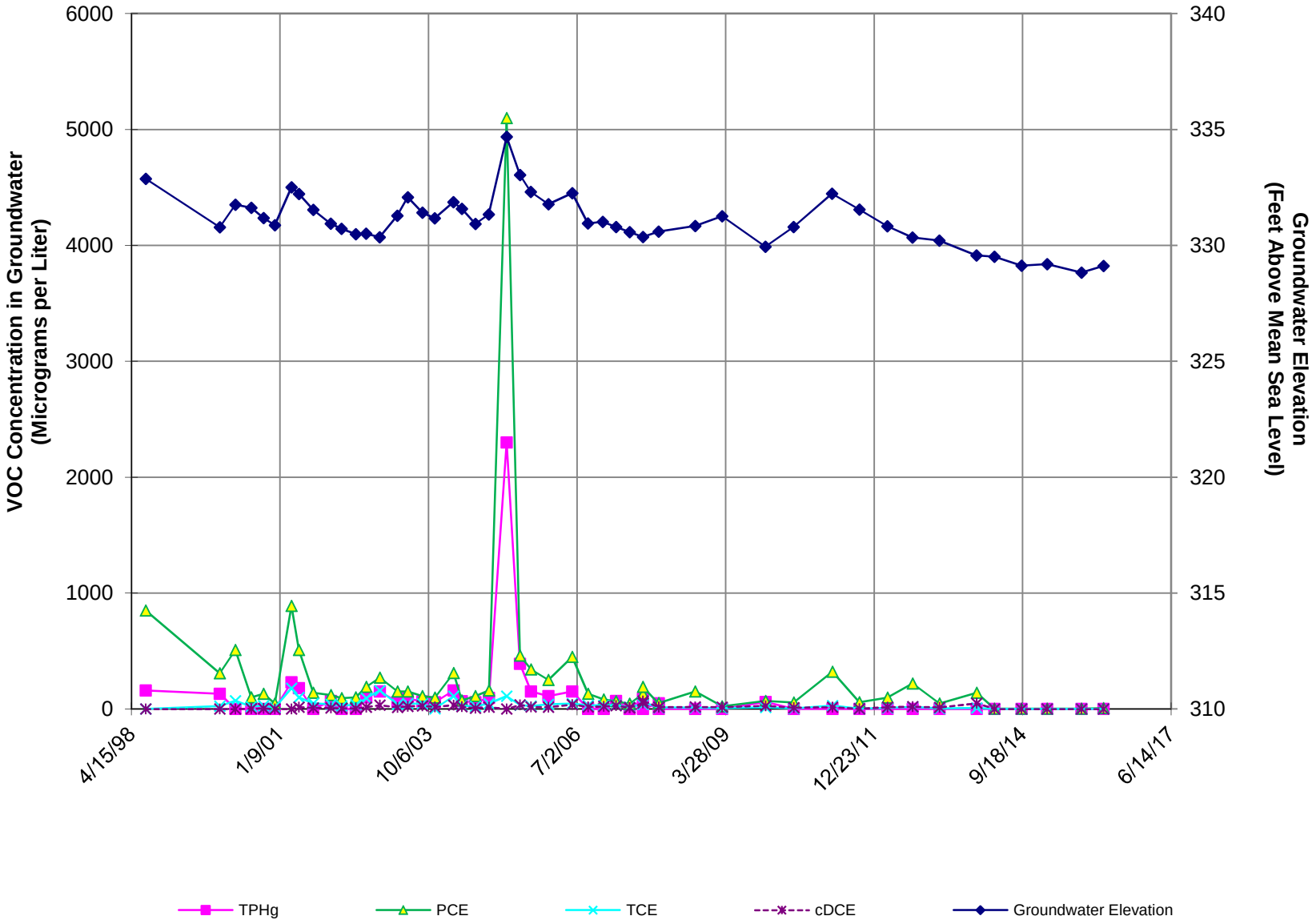
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California



MW-3

VOC Concentration and Hydrograph vs. Time

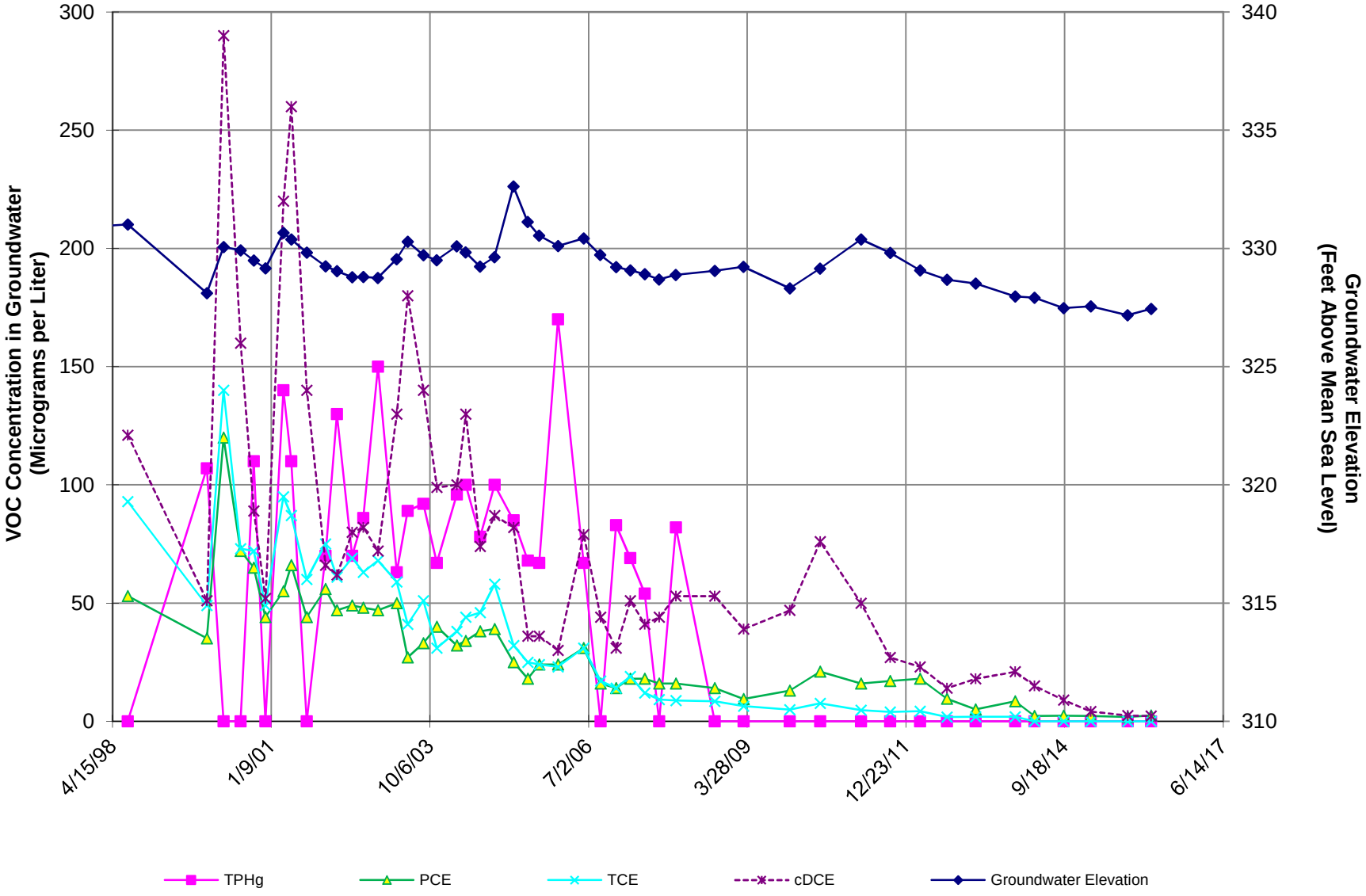
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California



MW-7

VOC Concentration and Hydrograph vs. Time

Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California



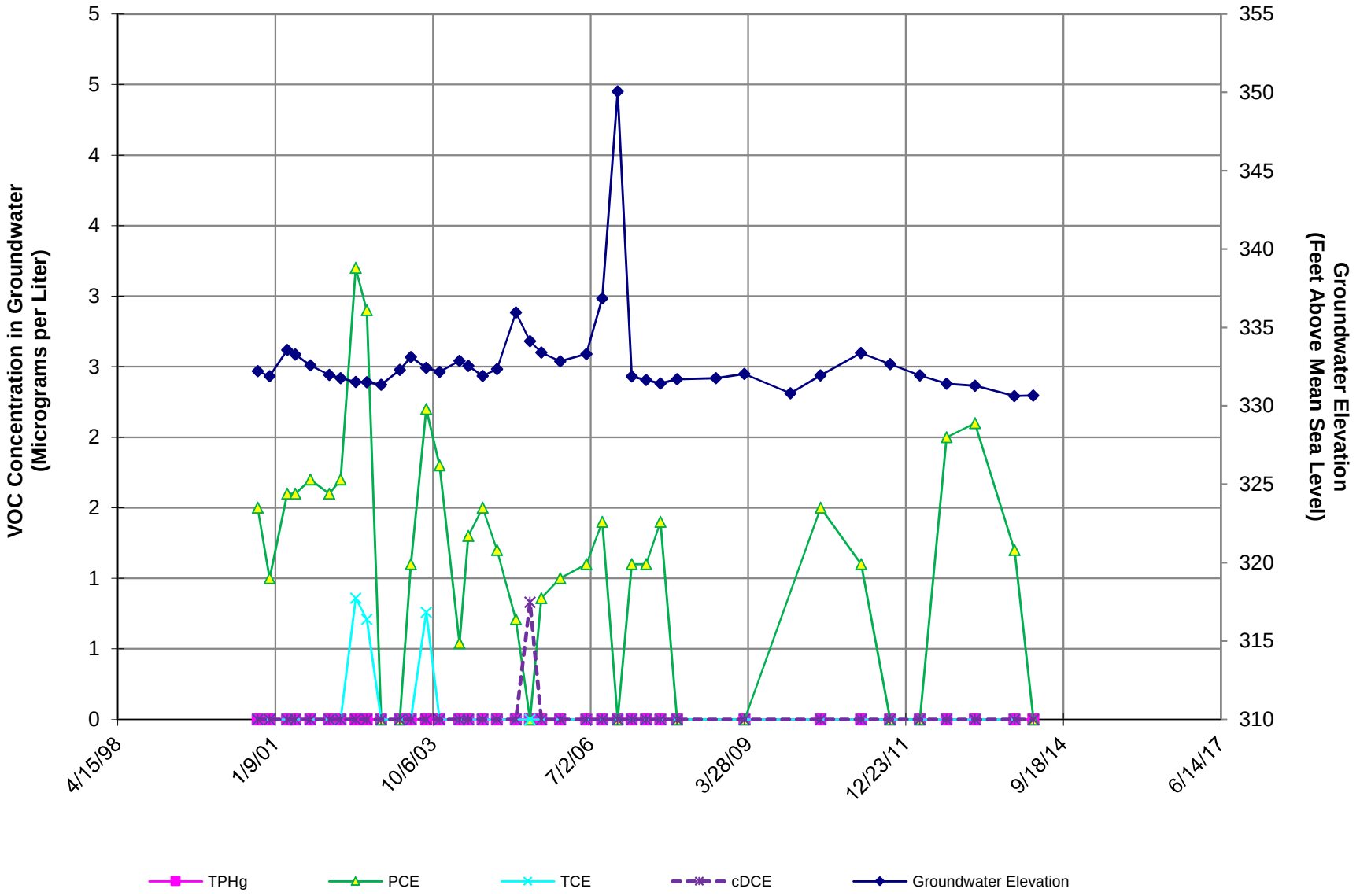
MW-8A

VOC Concentration and Hydrograph vs. Time

Former Welch's Uniform Site

3505 Pasadena Avenue

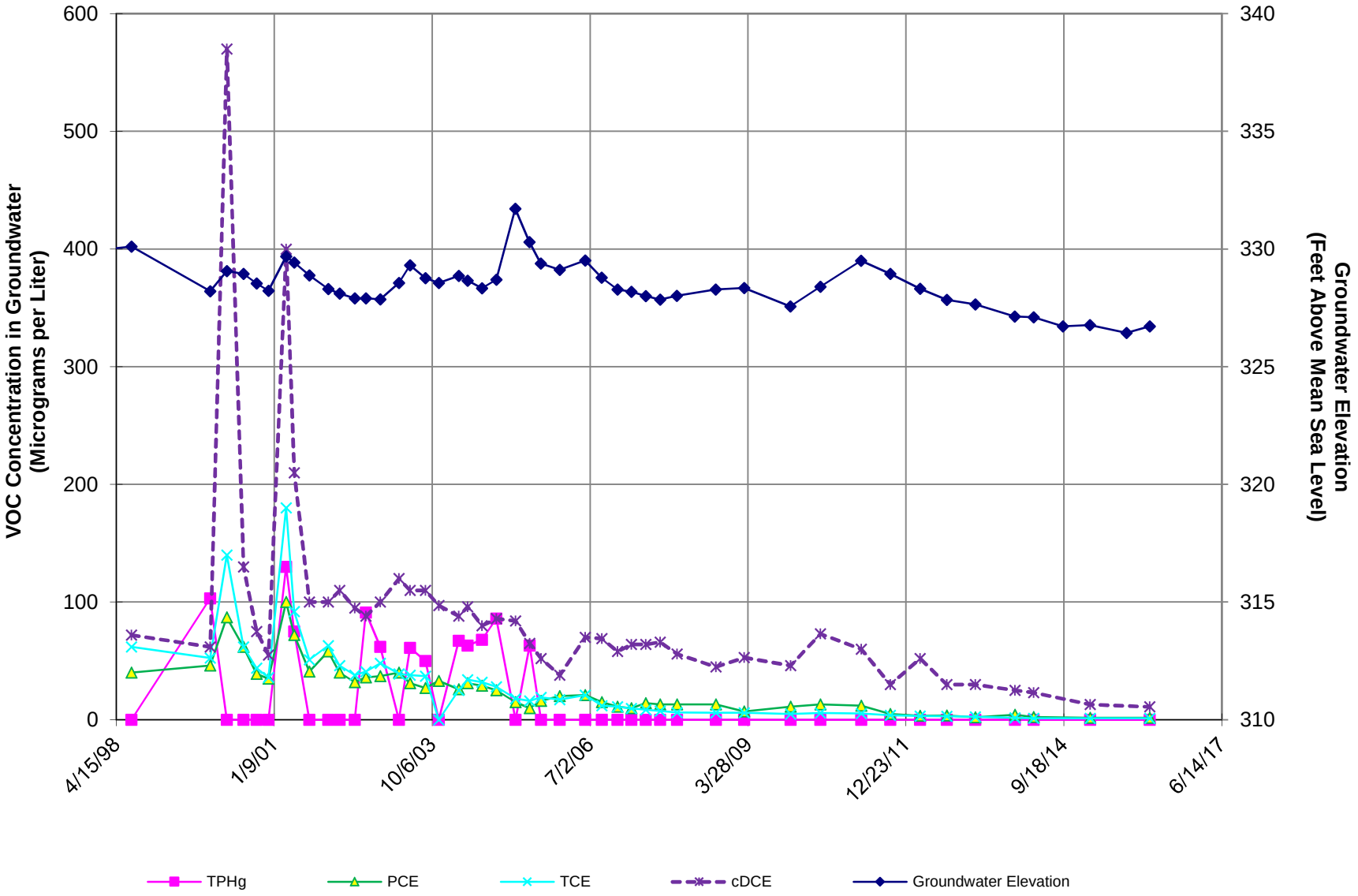
Los Angeles, California



MW-9A

VOC Concentration and Hydrograph vs. Time

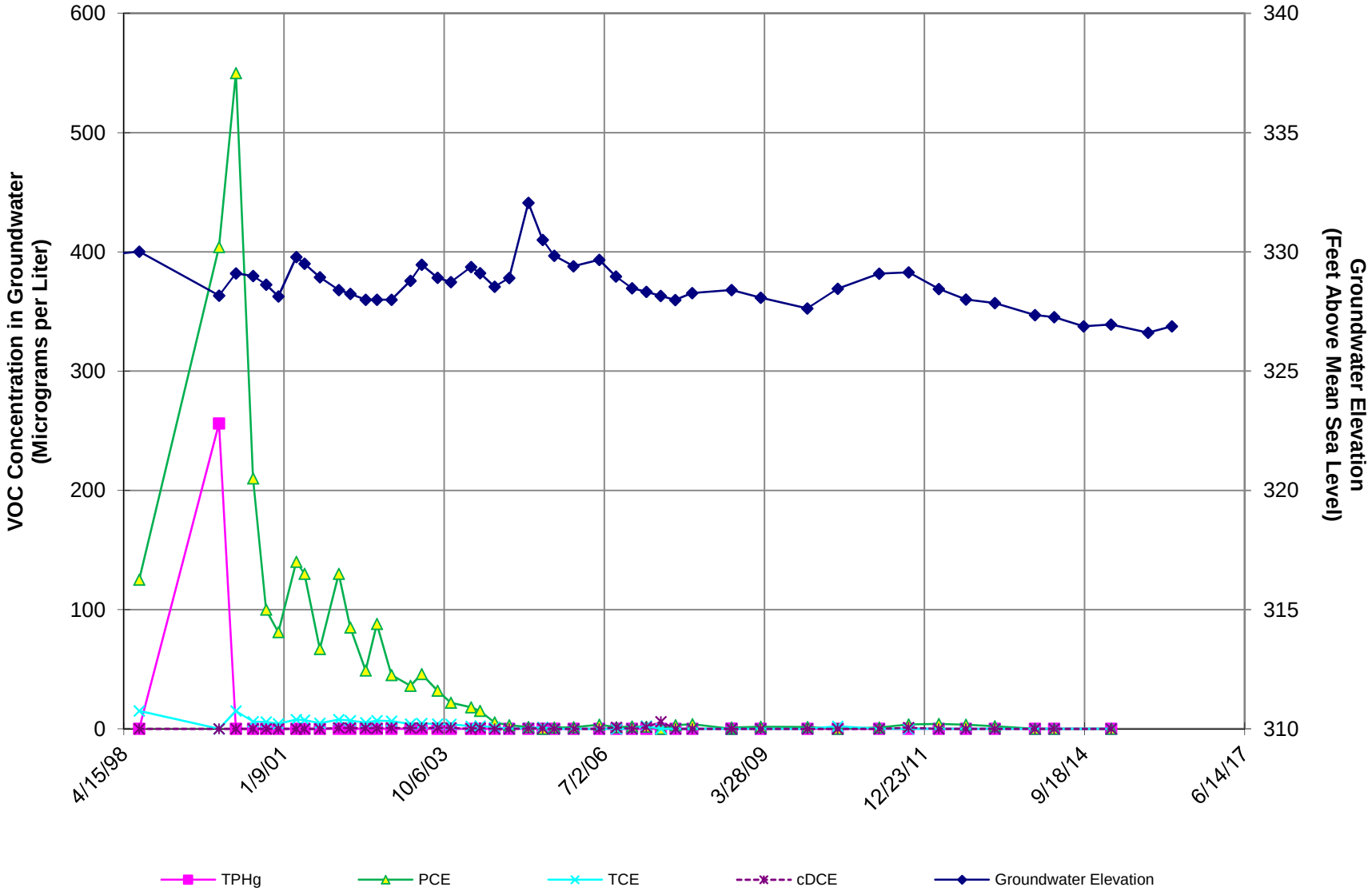
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California



MW-9B

VOC Concentration and Hydrograph vs. Time

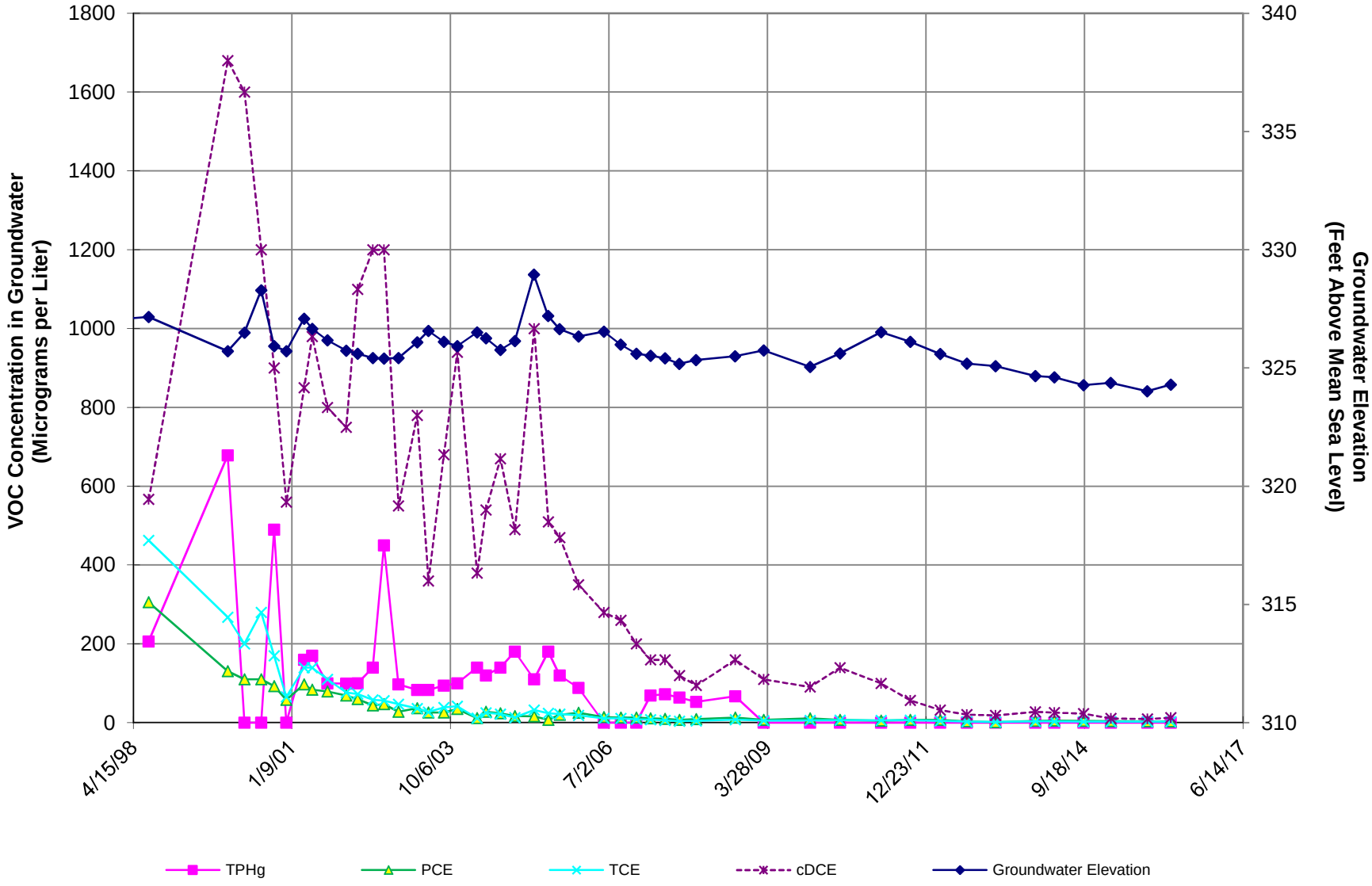
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California



MW-10A

VOC Concentration and Hydrograph vs. Time

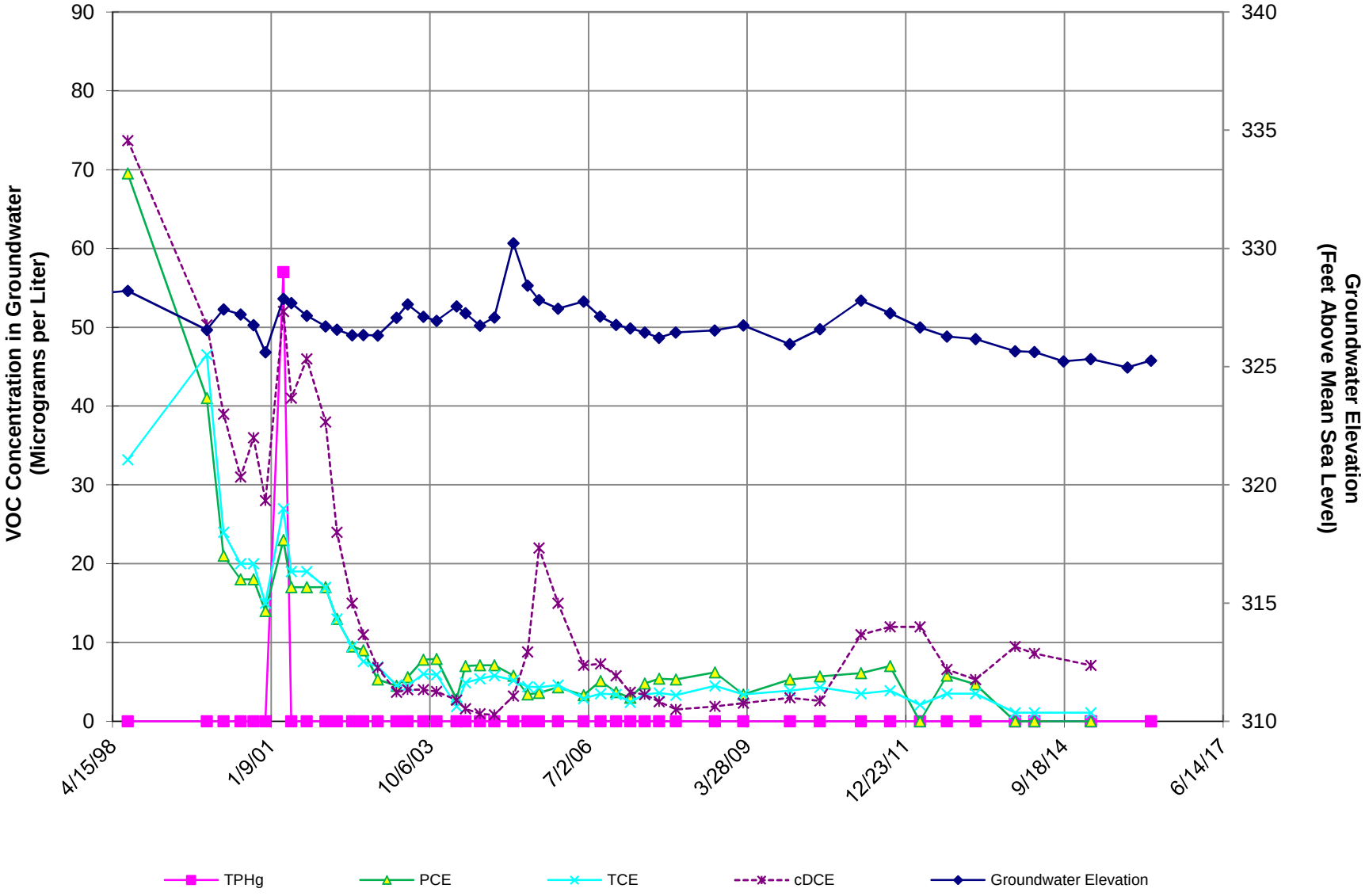
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California



MW-10B

VOC Concentration and Hydrograph vs. Time

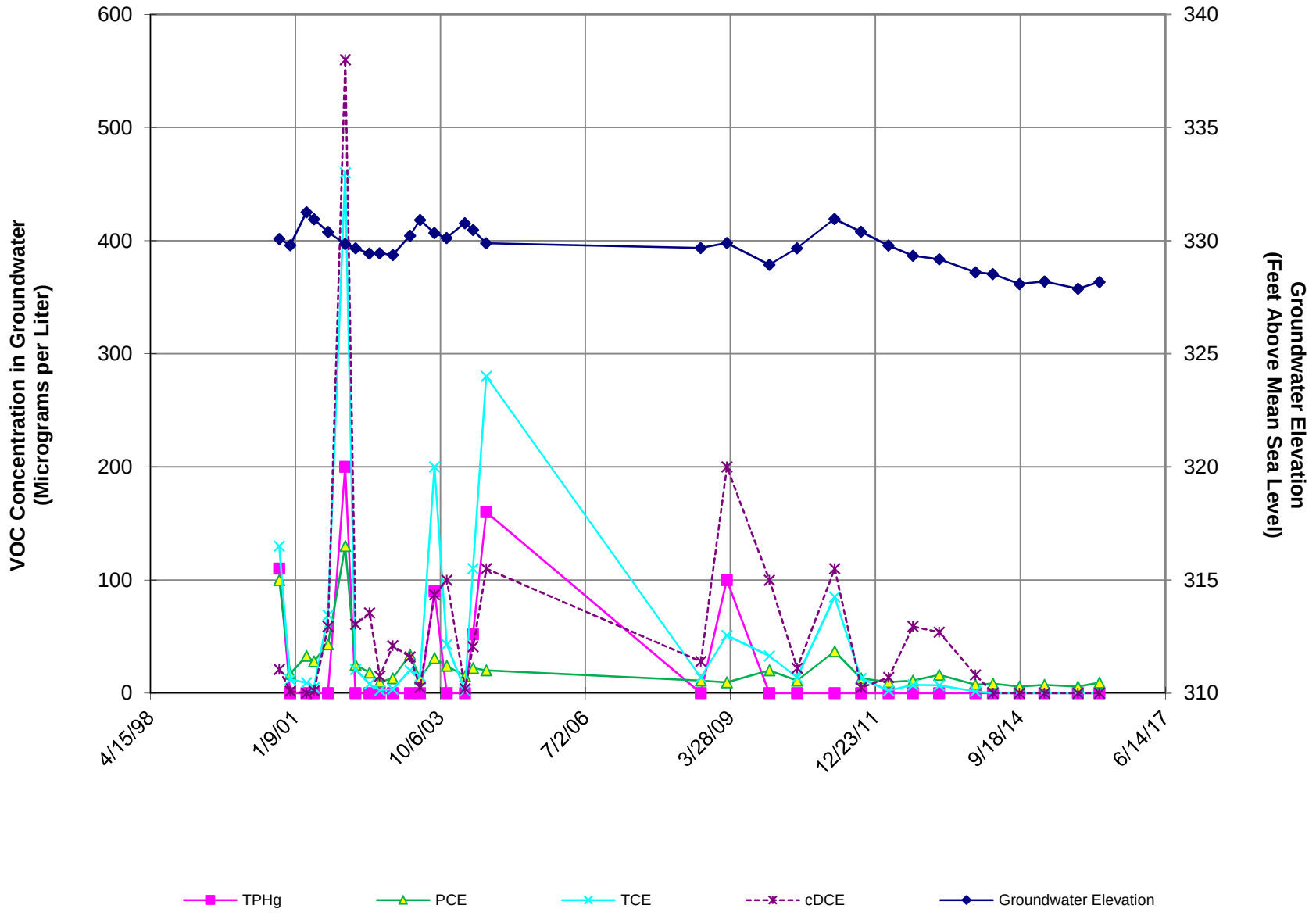
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California



MW-11

VOC Concentration and Hydrograph vs. Time

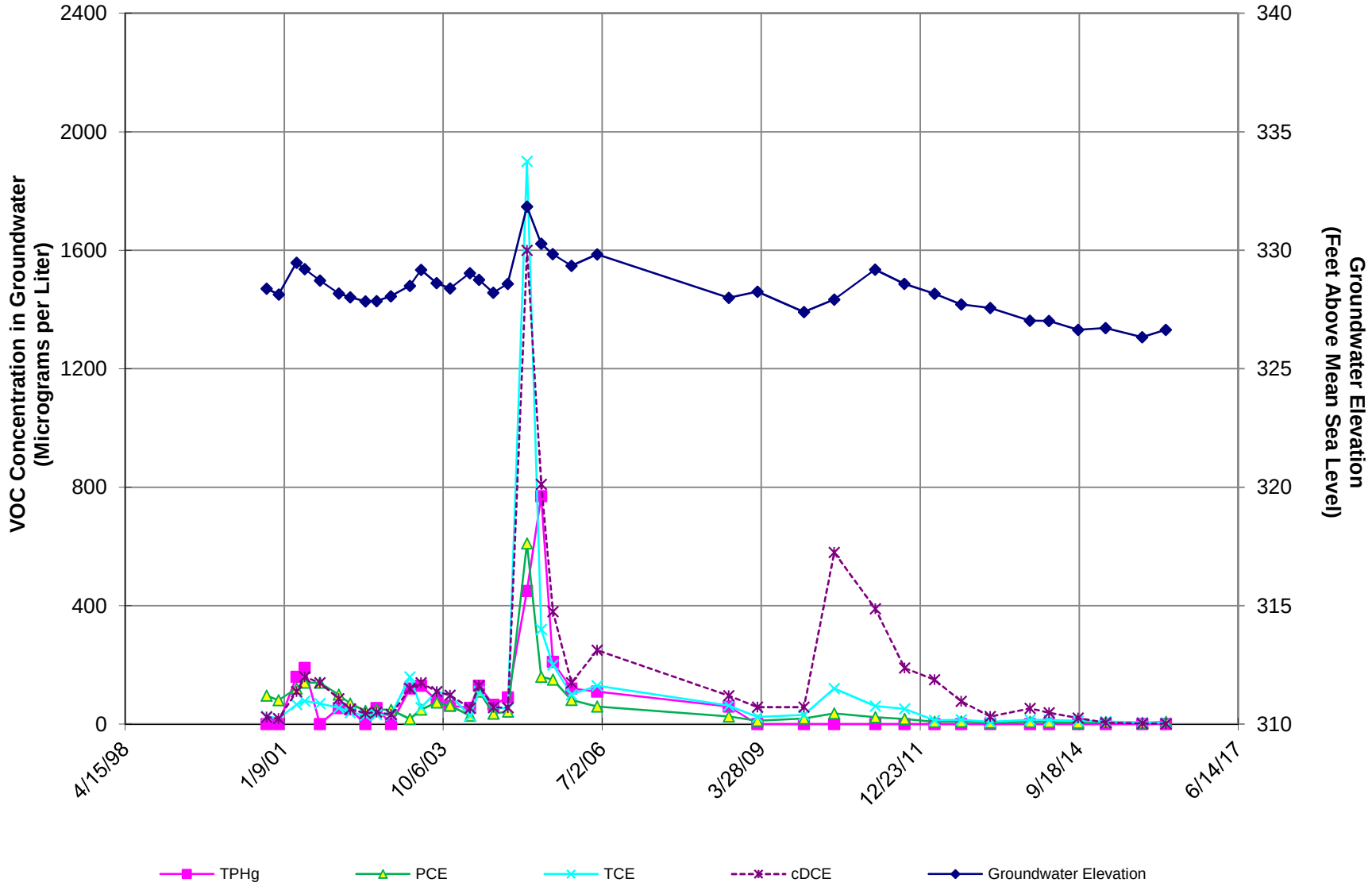
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California



MW-12

VOC Concentration and Hydrograph vs. Time

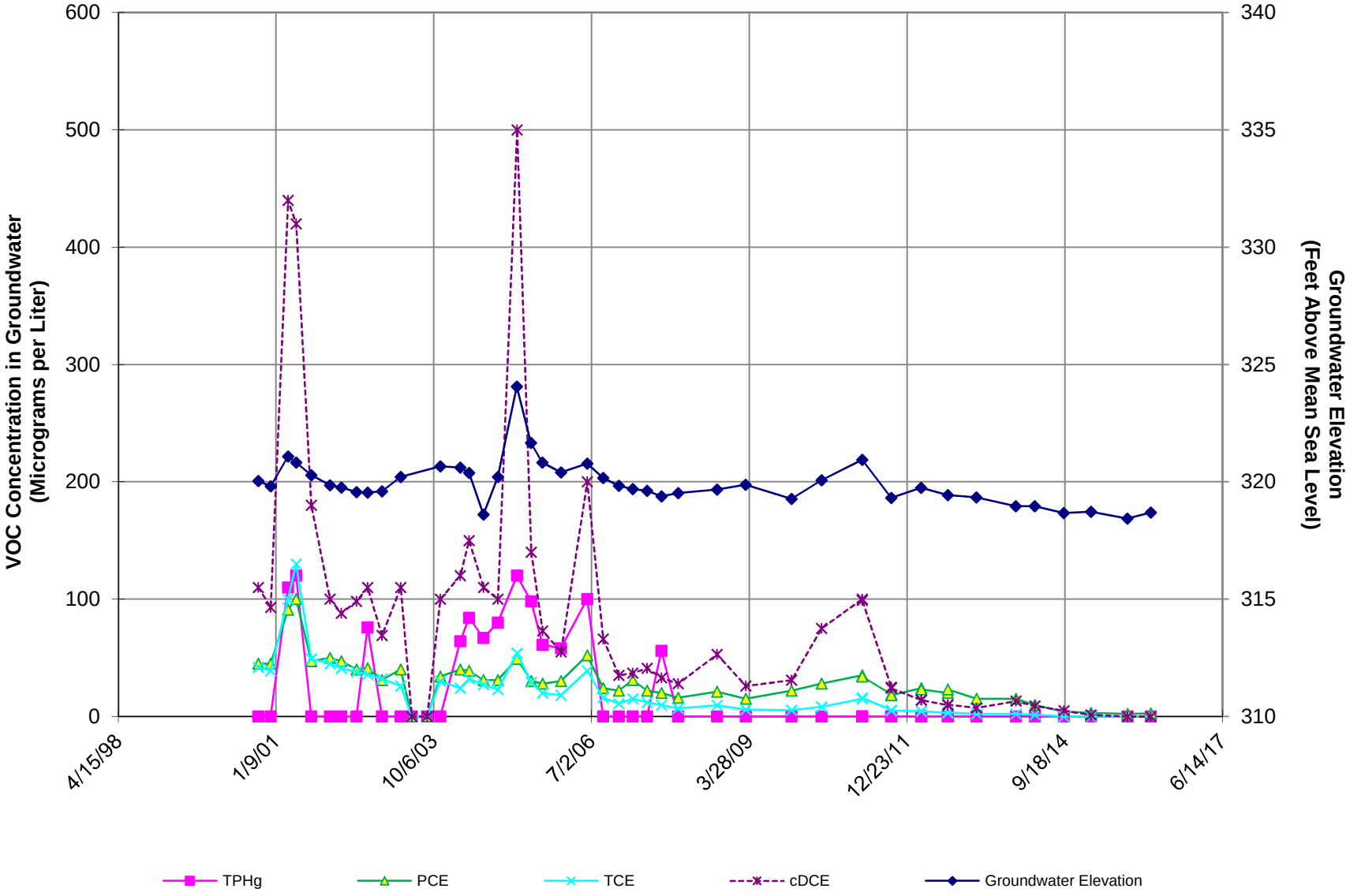
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California



MW-13A

VOC Concentration and Hydrograph vs. Time

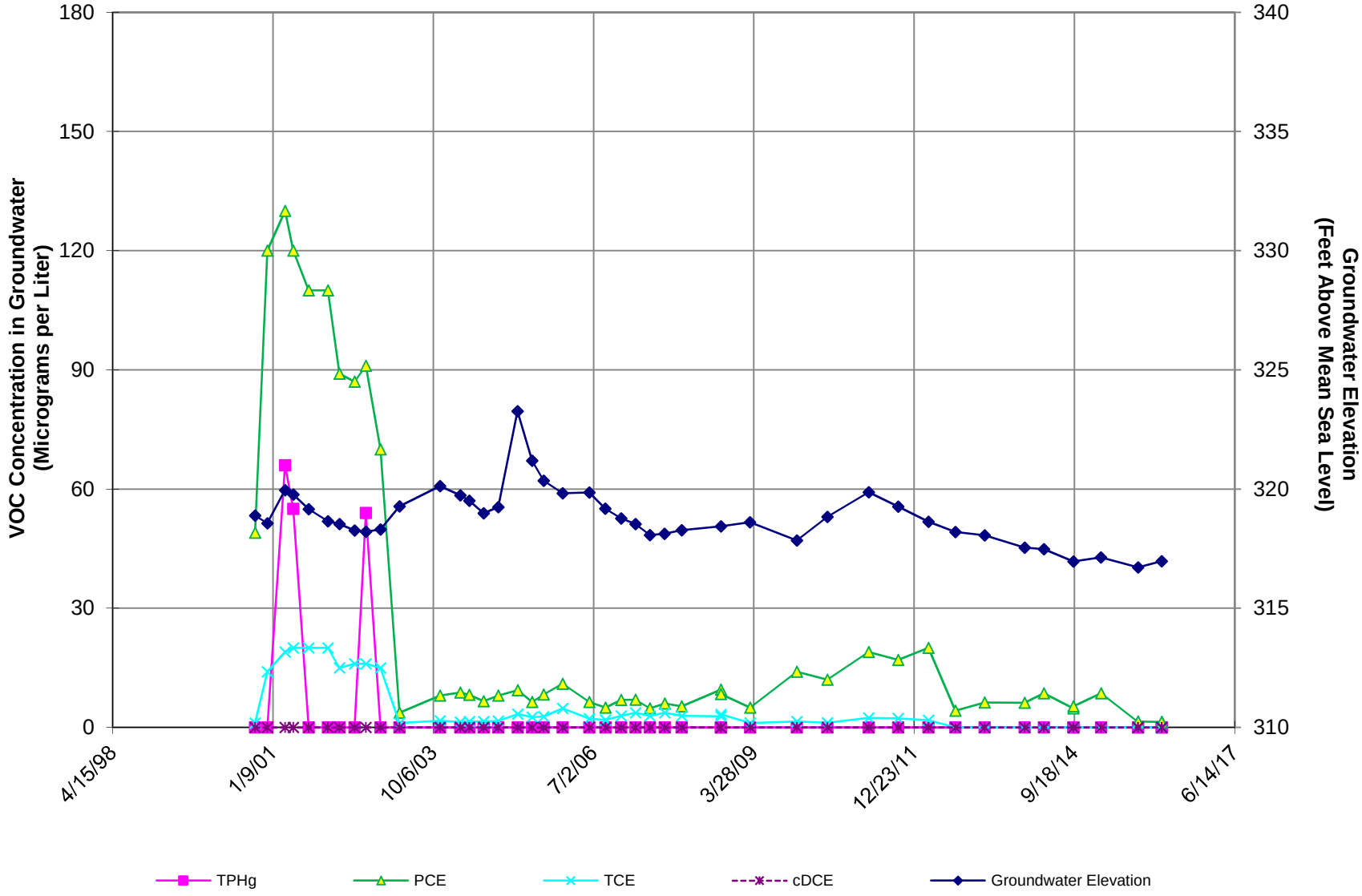
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California



MW-13B

VOC Concentration and Hydrograph vs. Time

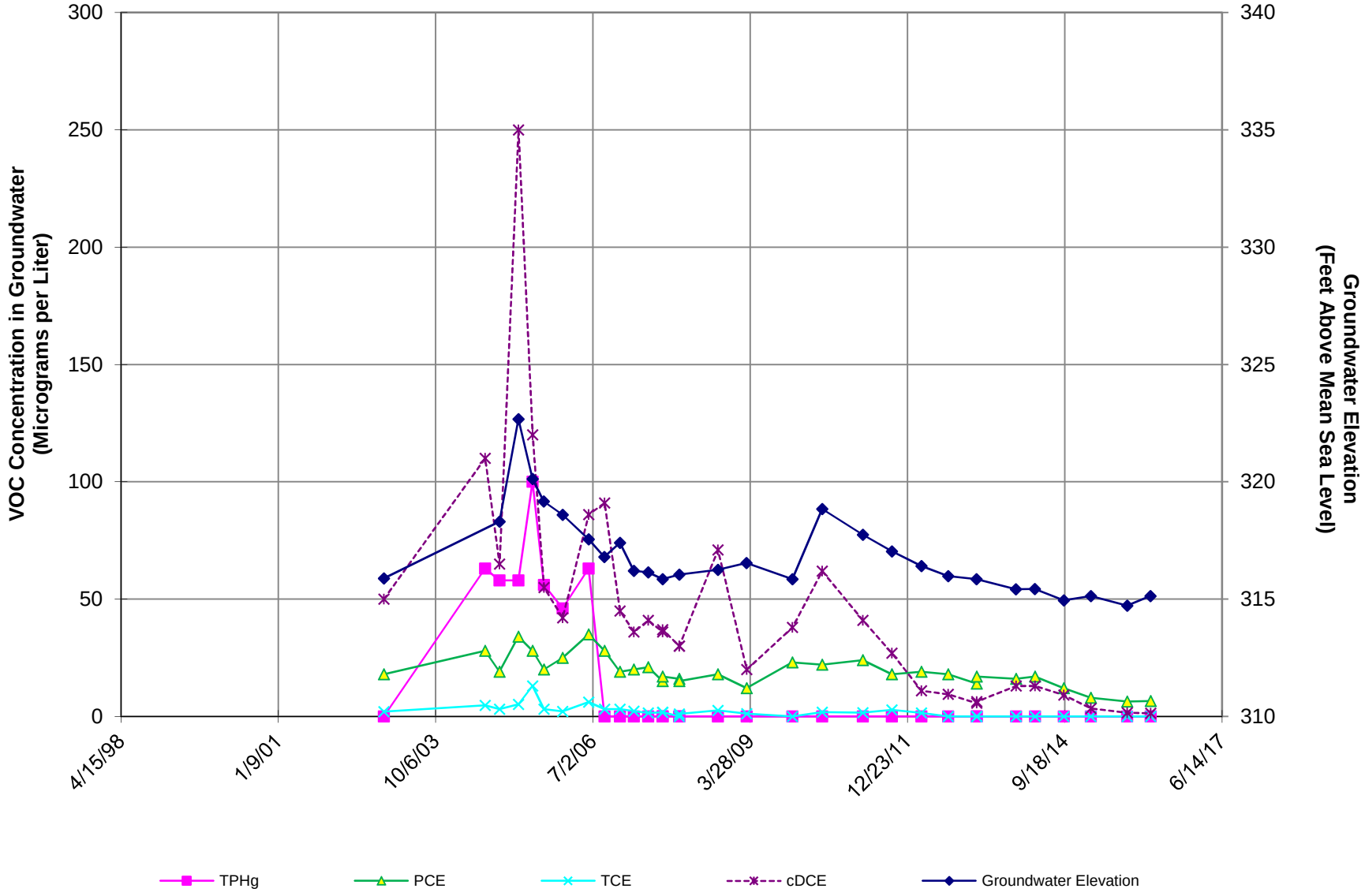
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California



MW-14

VOC Concentration and Hydrograph vs. Time

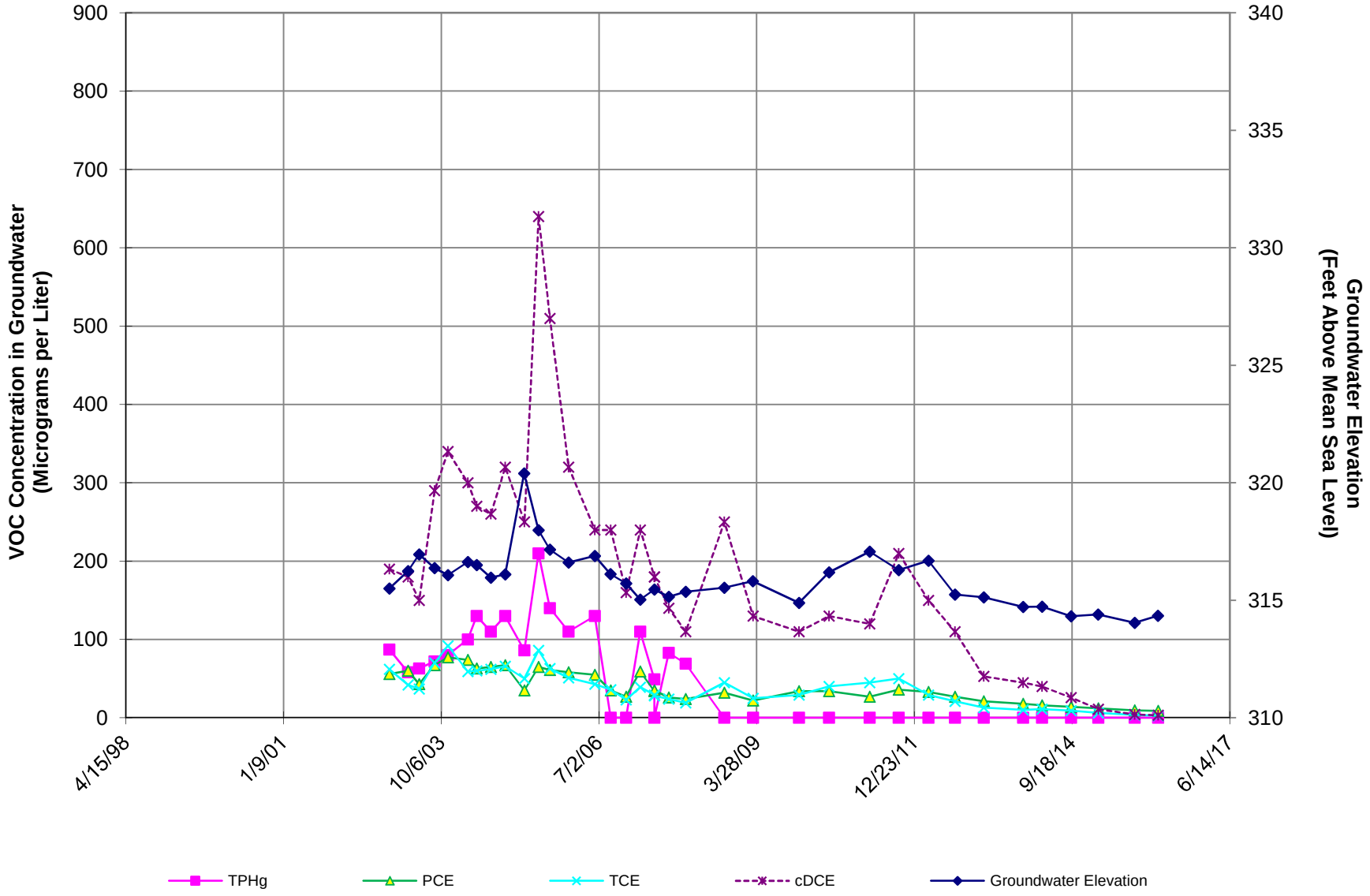
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California



MW-15

VOC Concentration and Hydrograph vs. Time

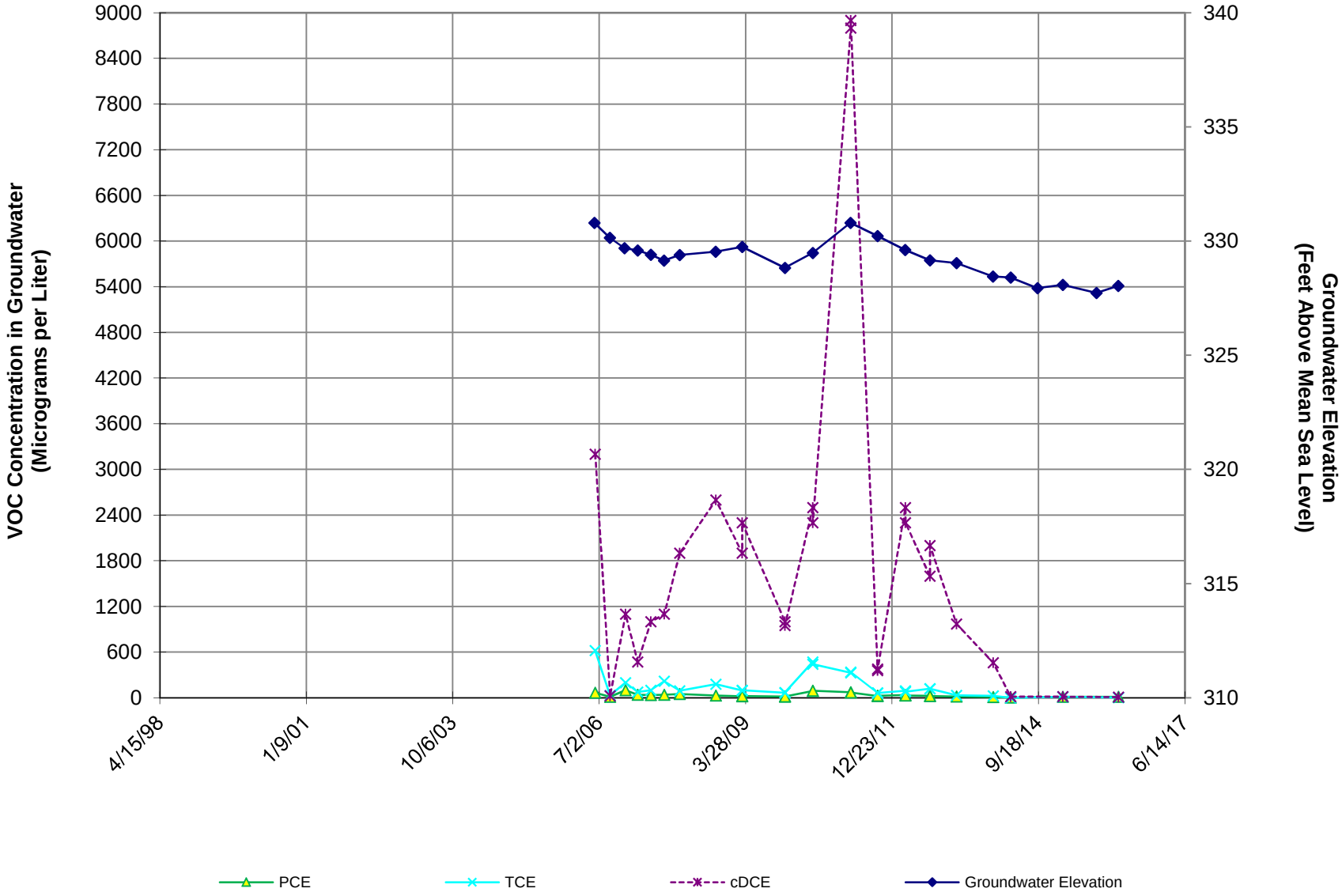
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California



MW-16A

VOC Concentration and Hydrograph vs. Time

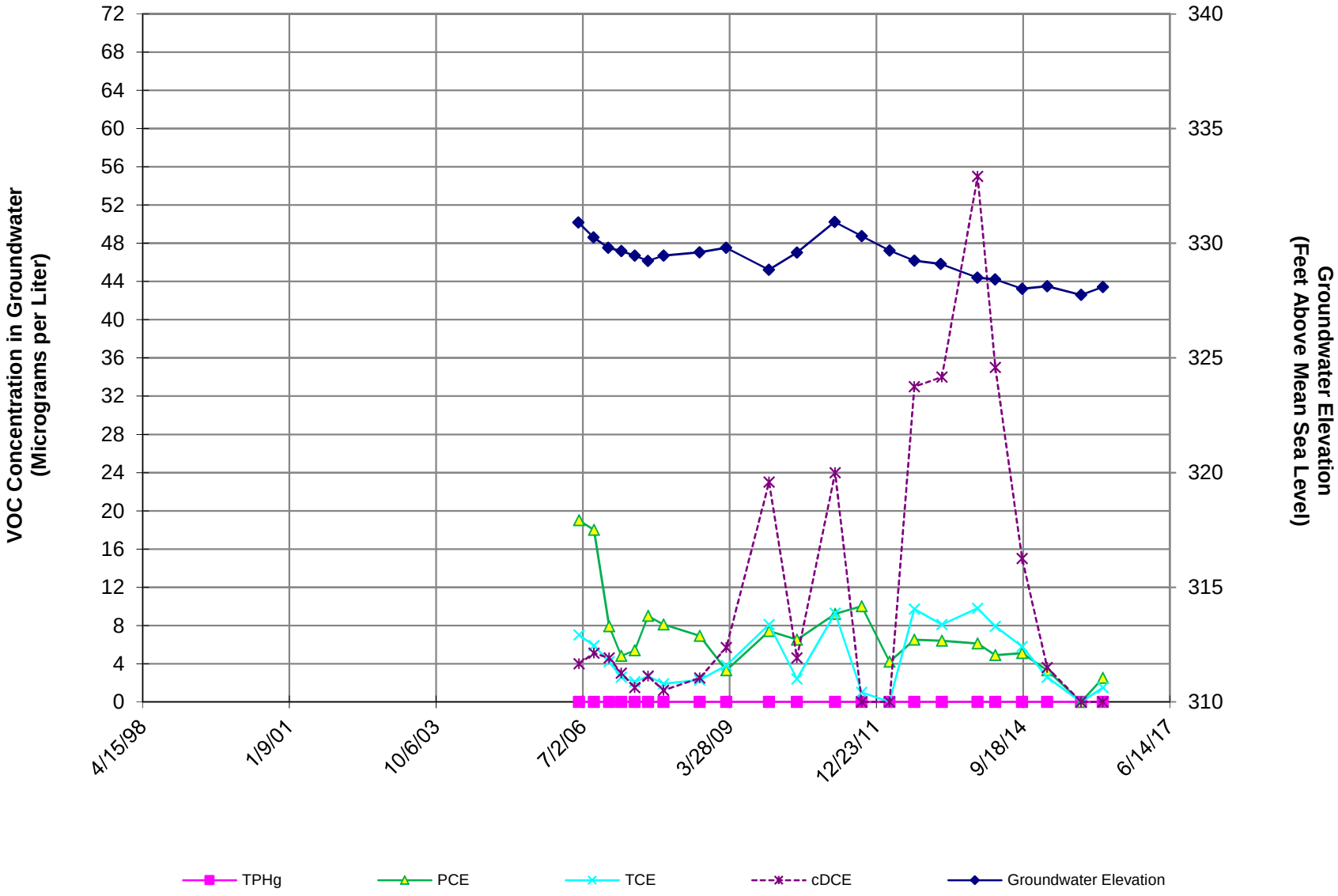
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California



MW-16B

VOC Concentration and Hydrograph vs. Time

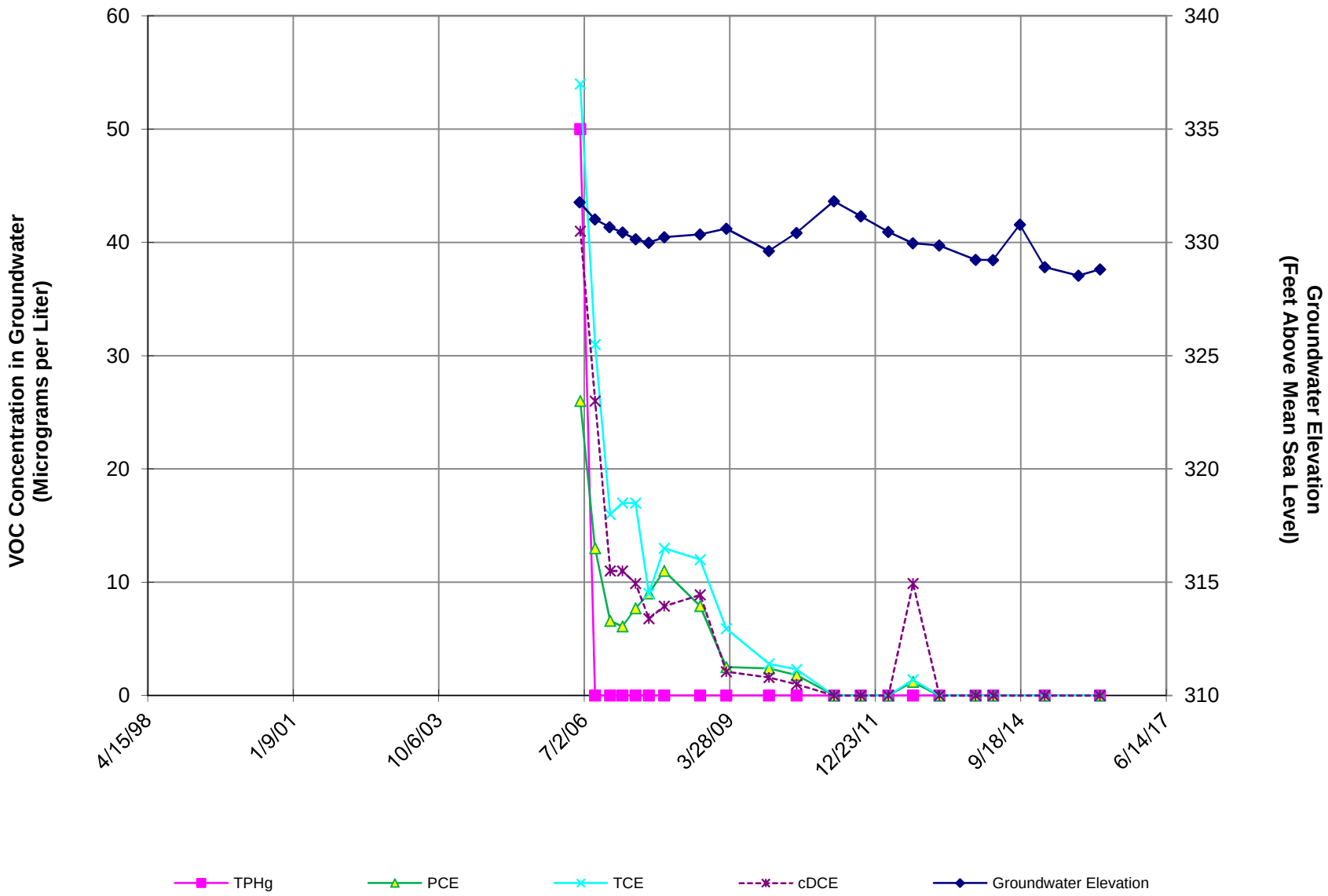
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California



MW-16C

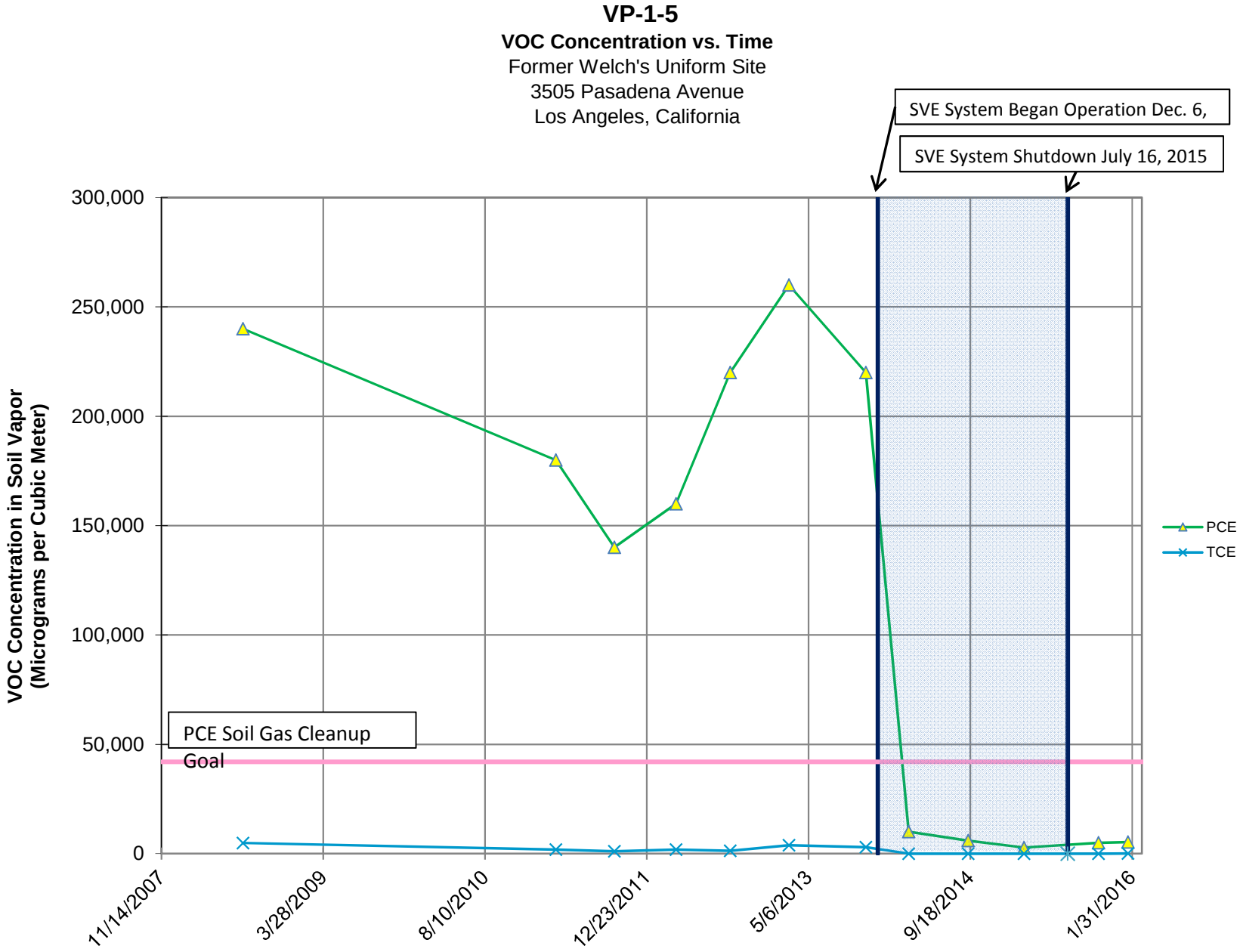
VOC Concentration and Hydrograph vs. Time

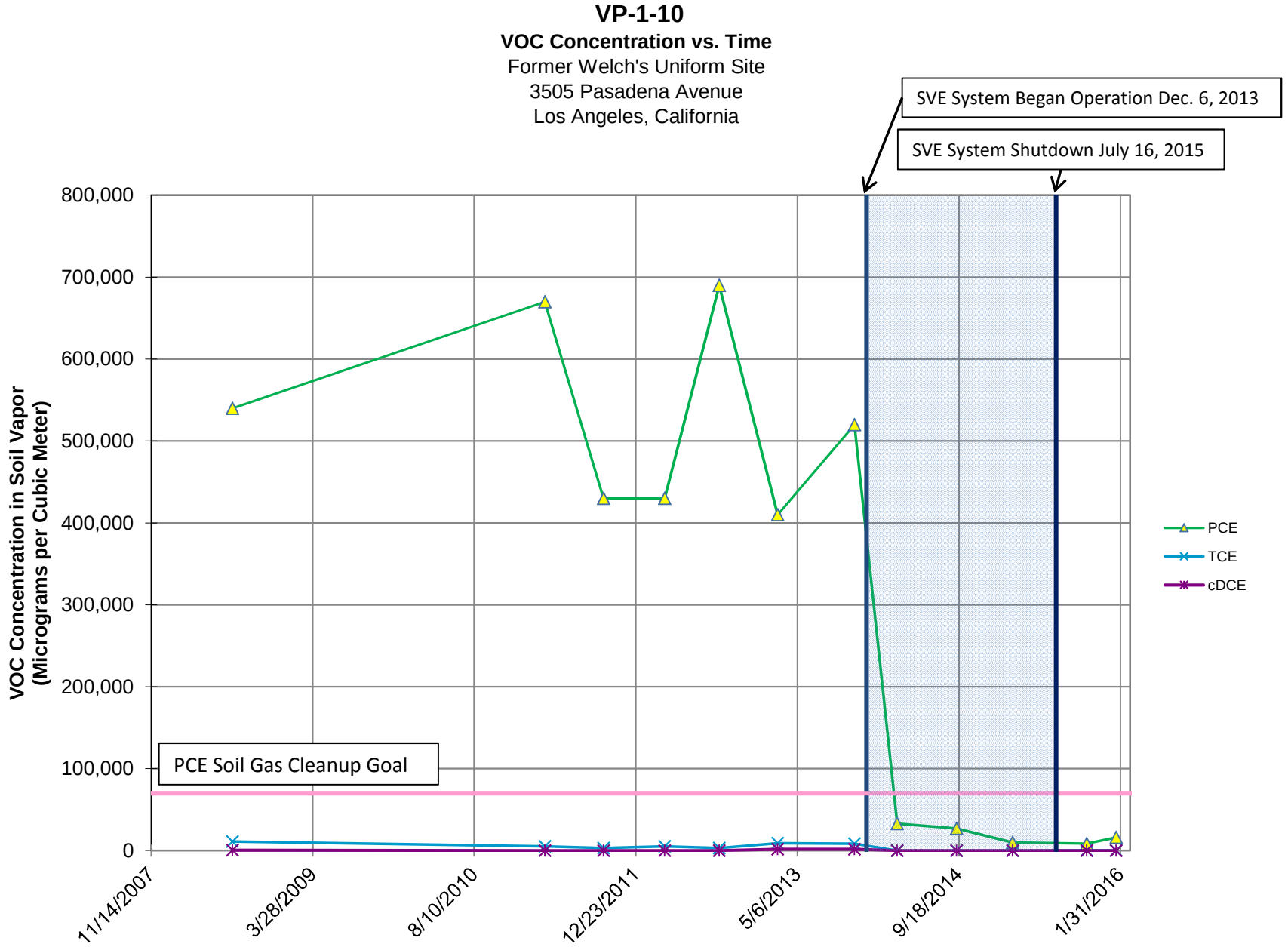
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California

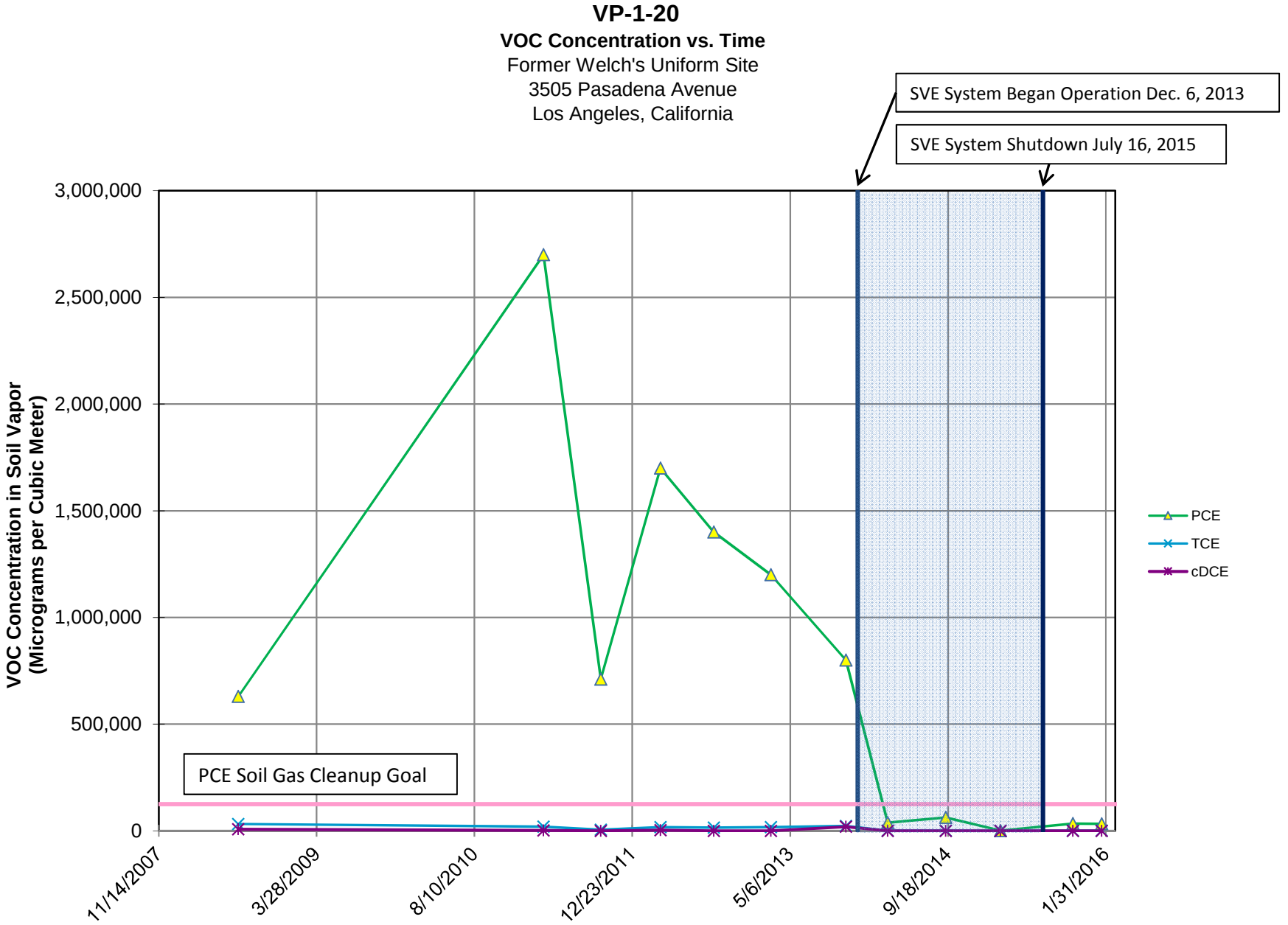


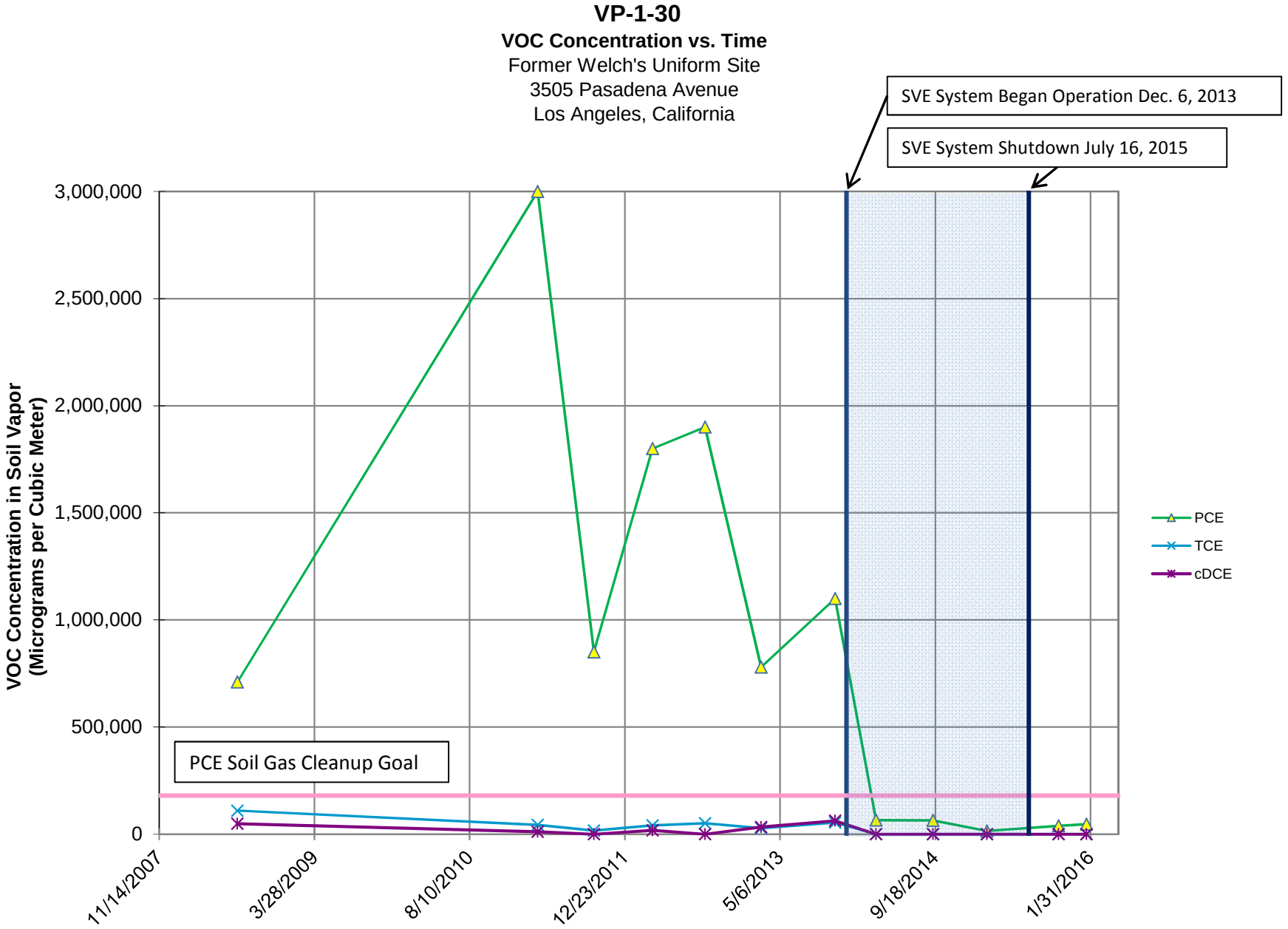
APPENDIX E

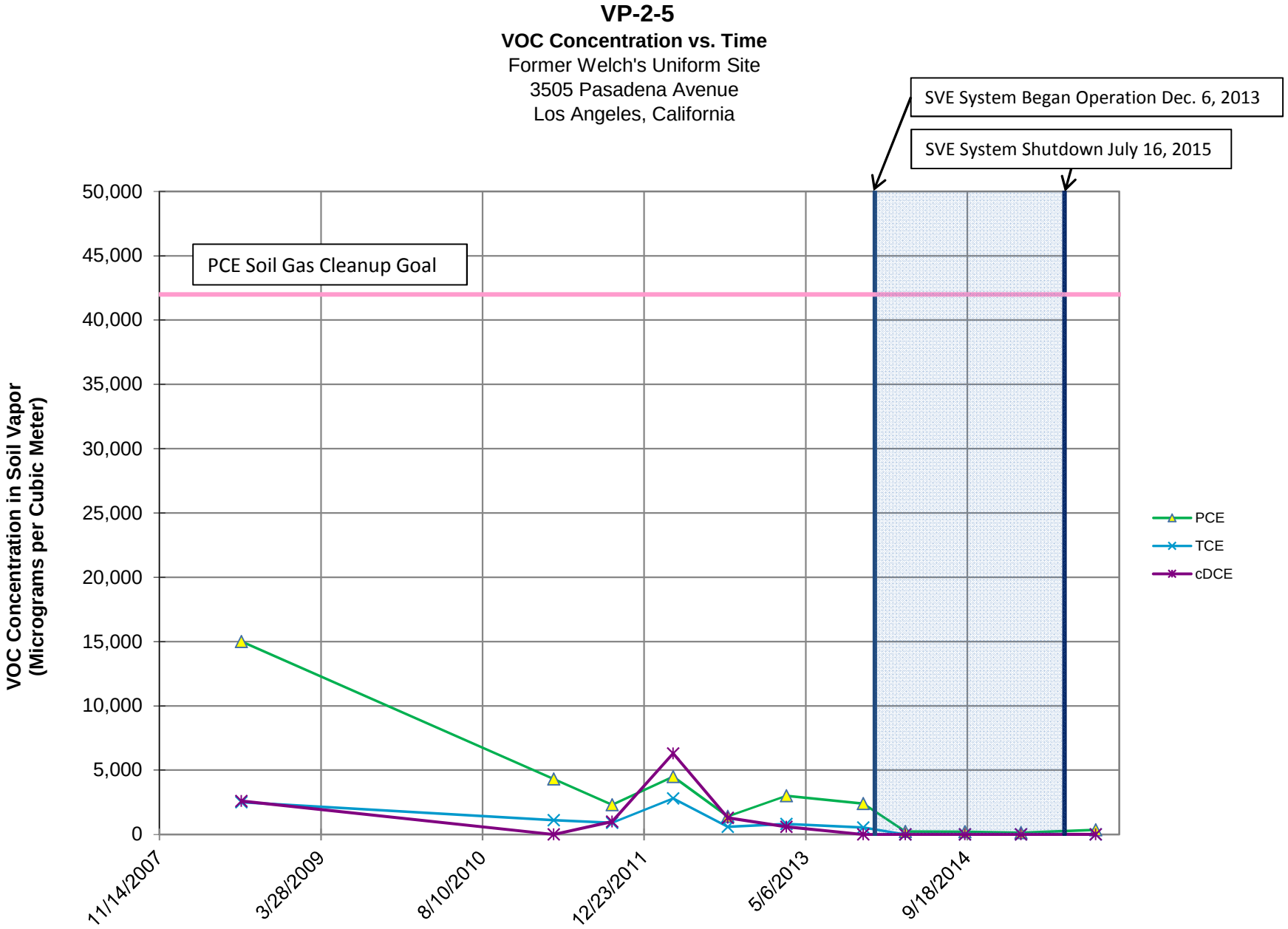
SOIL VAPOR TREND GRAPHS

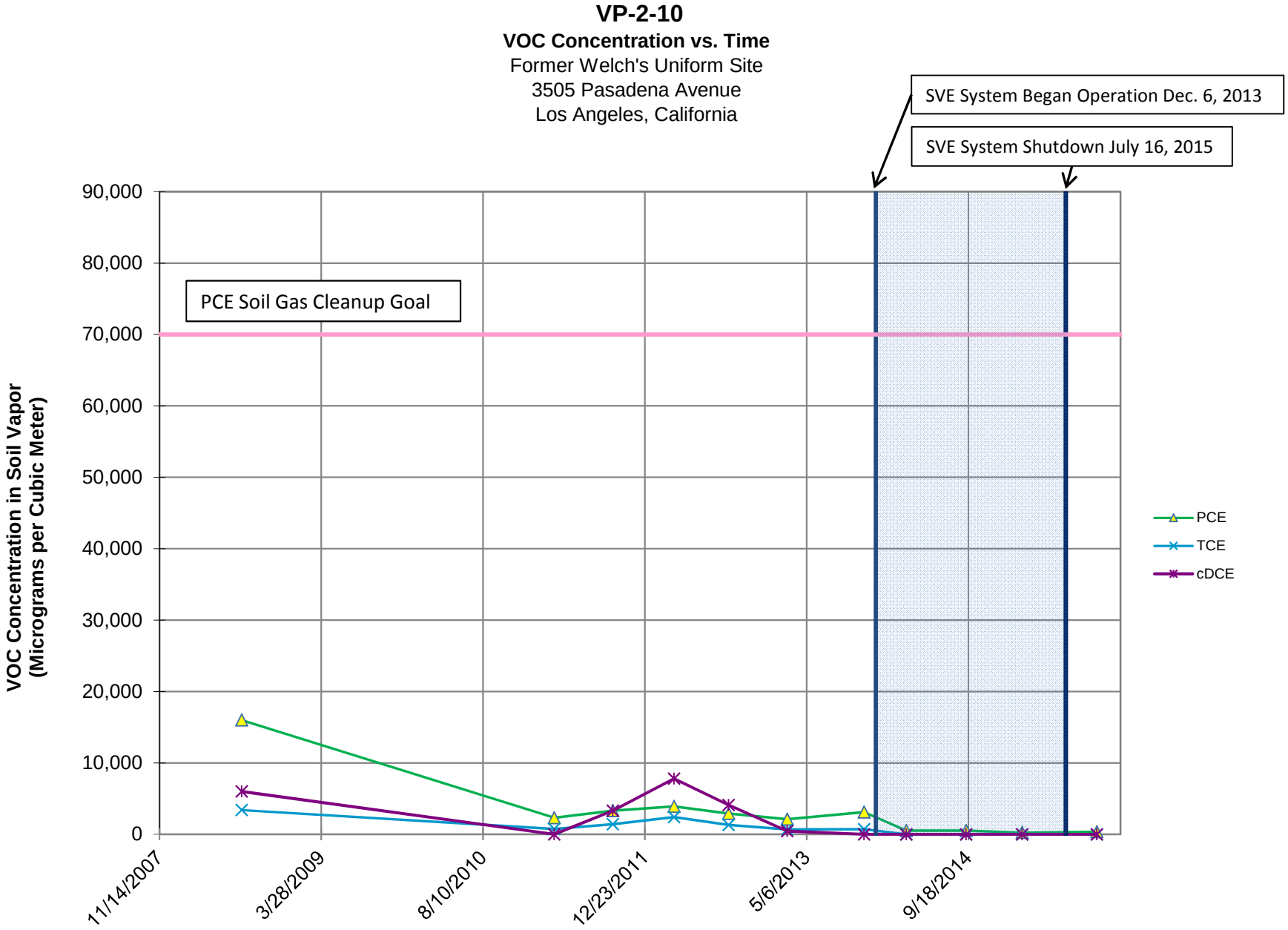

VP-1-5
VOC Concentration vs. Time
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California
SVE System Began Operation Dec. 6,
SVE System Shutdown July 16, 2015
VOC Concentration in Soil Vapor
(Micrograms per Cubic Meter)
300,000
250,000
200,000
150,000
100,000
50,000
0
PCE Soil Gas Cleanup Goal
11/14/2007
3/28/2009
8/10/2010
12/23/2011
5/6/2013
9/18/2014
1/31/2016
PCE
TCE

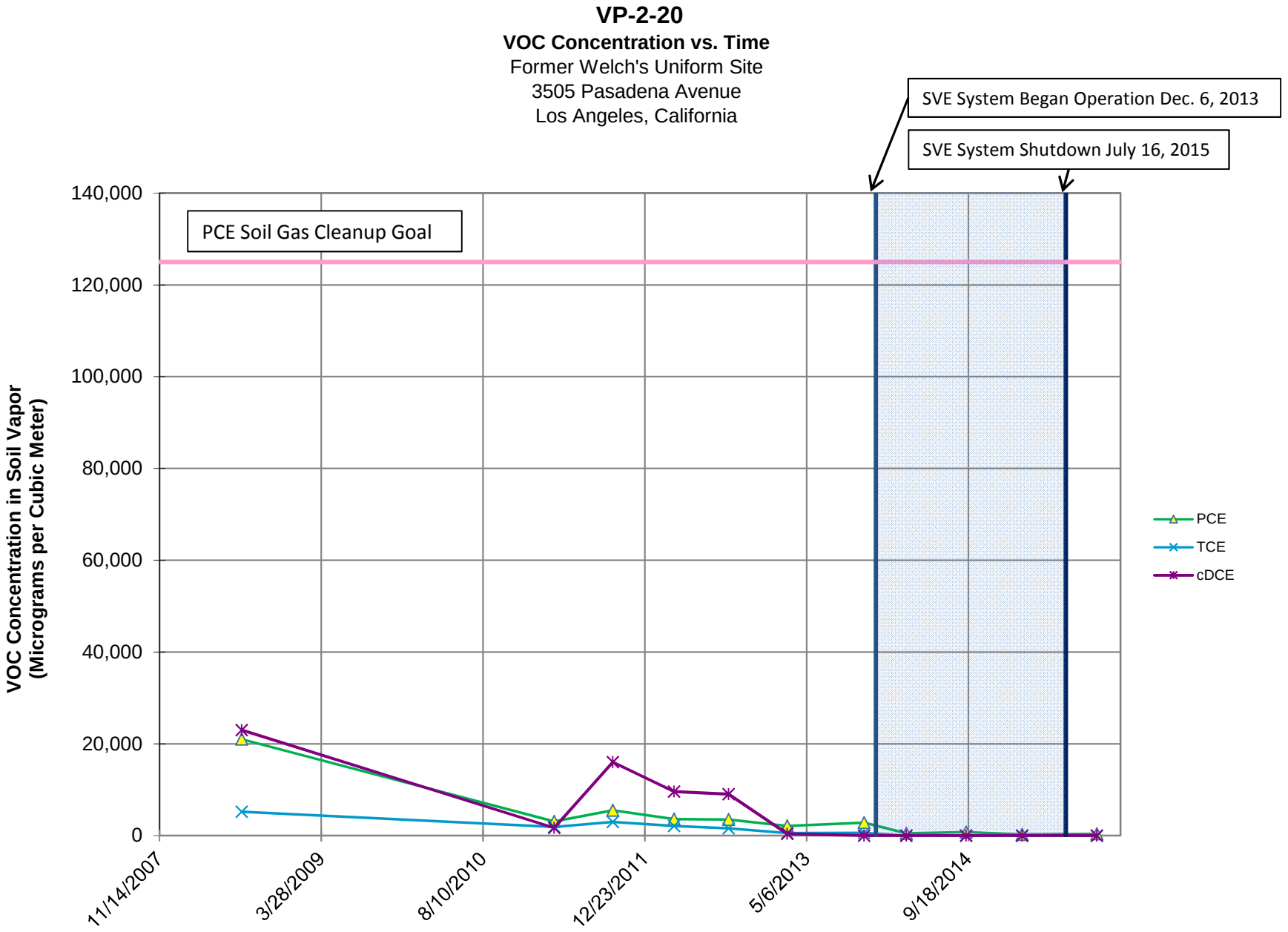

VP-1-10
VOC Concentration vs. Time
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California
SVE System Began Operation Dec. 6, 2013
SVE System Shutdown July 16, 2015
VOC Concentration in Soil Vapor
(Micrograms per Cubic Meter)
800,000
700,000
600,000
500,000
400,000
300,000
200,000
100,000
0
PCE Soil Gas Cleanup Goal
11/14/2007
3/28/2009
8/10/2010
12/23/2011
5/6/2013
9/18/2014
1/31/2016
PCE
TCE
cDCE

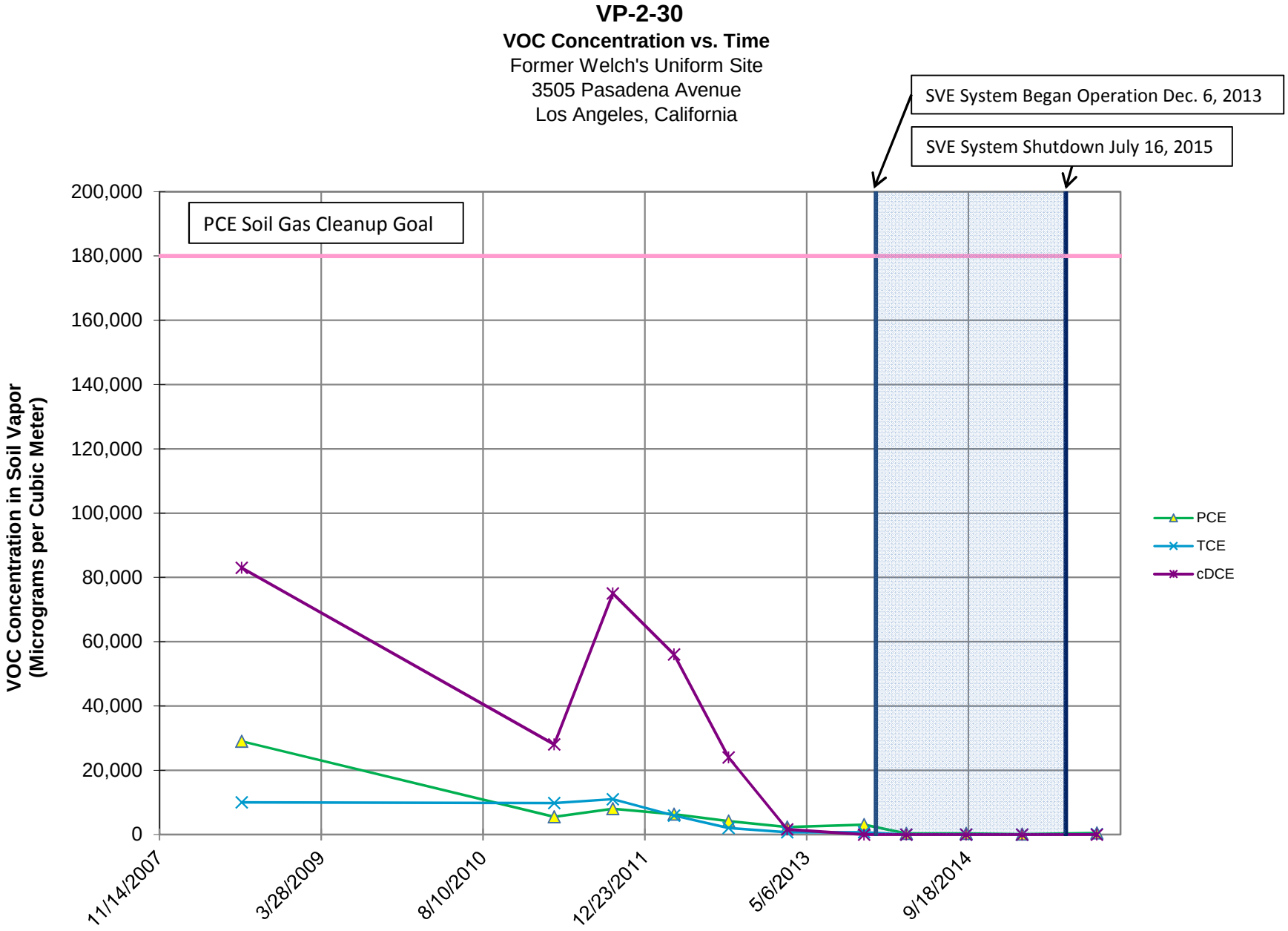

VP-1-20
VOC Concentration vs. Time
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California
SVE System Began Operation Dec. 6, 2013
SVE System Shutdown July 16, 2015
VOC Concentration in Soil Vapor
(Micrograms per Cubic Meter)
3,000,000
2,500,000
2,000,000
1,500,000
1,000,000
500,000
0
PCE Soil Gas Cleanup Goal
11/14/2007
3/28/2009
8/10/2010
12/23/2011
5/6/2013
9/18/2014
1/31/2016
PCE
TCE
cDCE

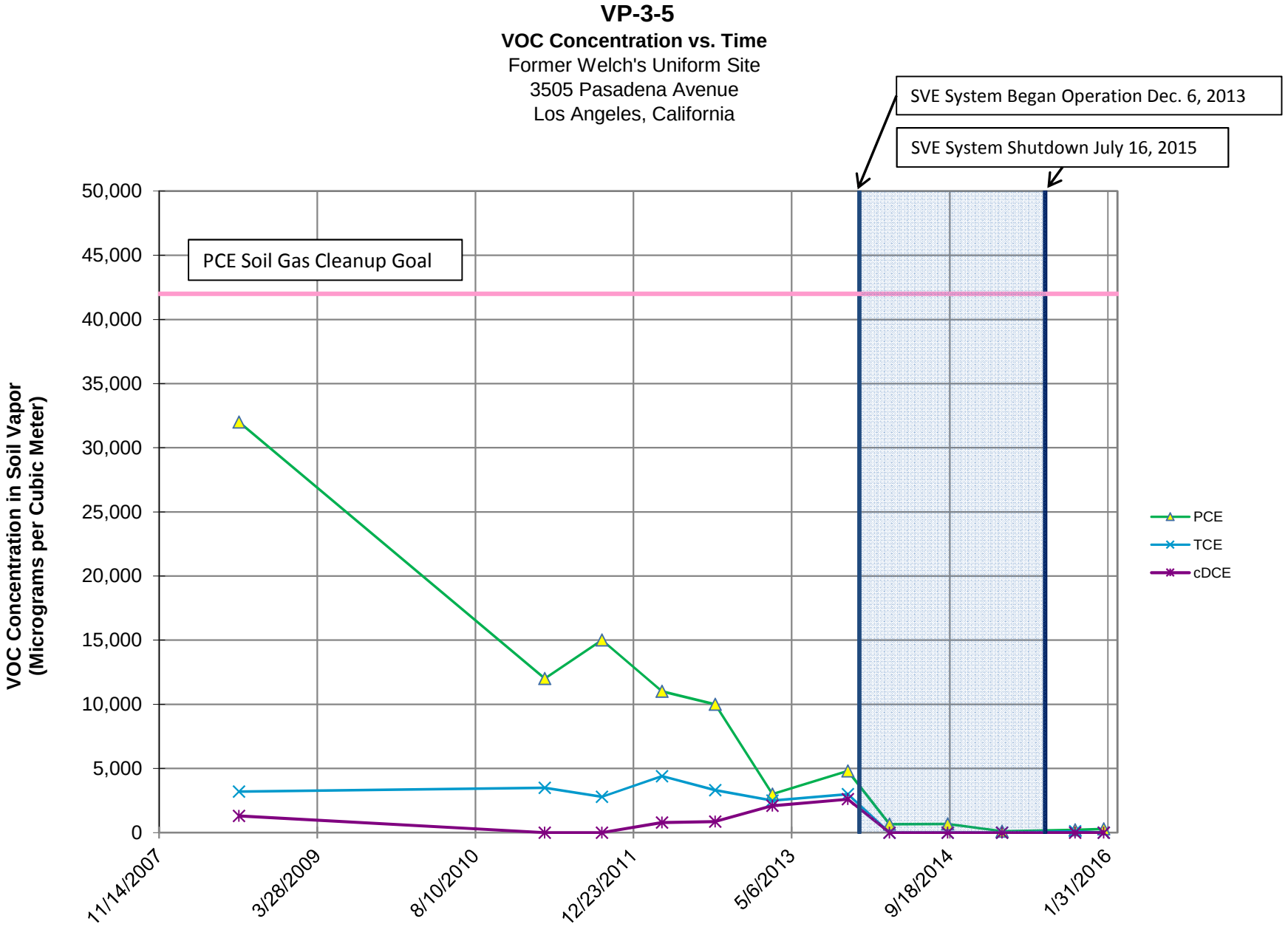

VP-1-30
VOC Concentration vs. Time
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California
SVE System Began Operation Dec. 6, 2013
SVE System Shutdown July 16, 2015
VOC Concentration in Soil Vapor
(Micrograms per Cubic Meter)
3,000,000
2,500,000
2,000,000
1,500,000
1,000,000
500,000
0
PCE Soil Gas Cleanup Goal
PCE
TCE
cDCE
11/14/2007
3/28/2009
8/10/2010
12/23/2011
5/6/2013
9/18/2014
1/31/2016

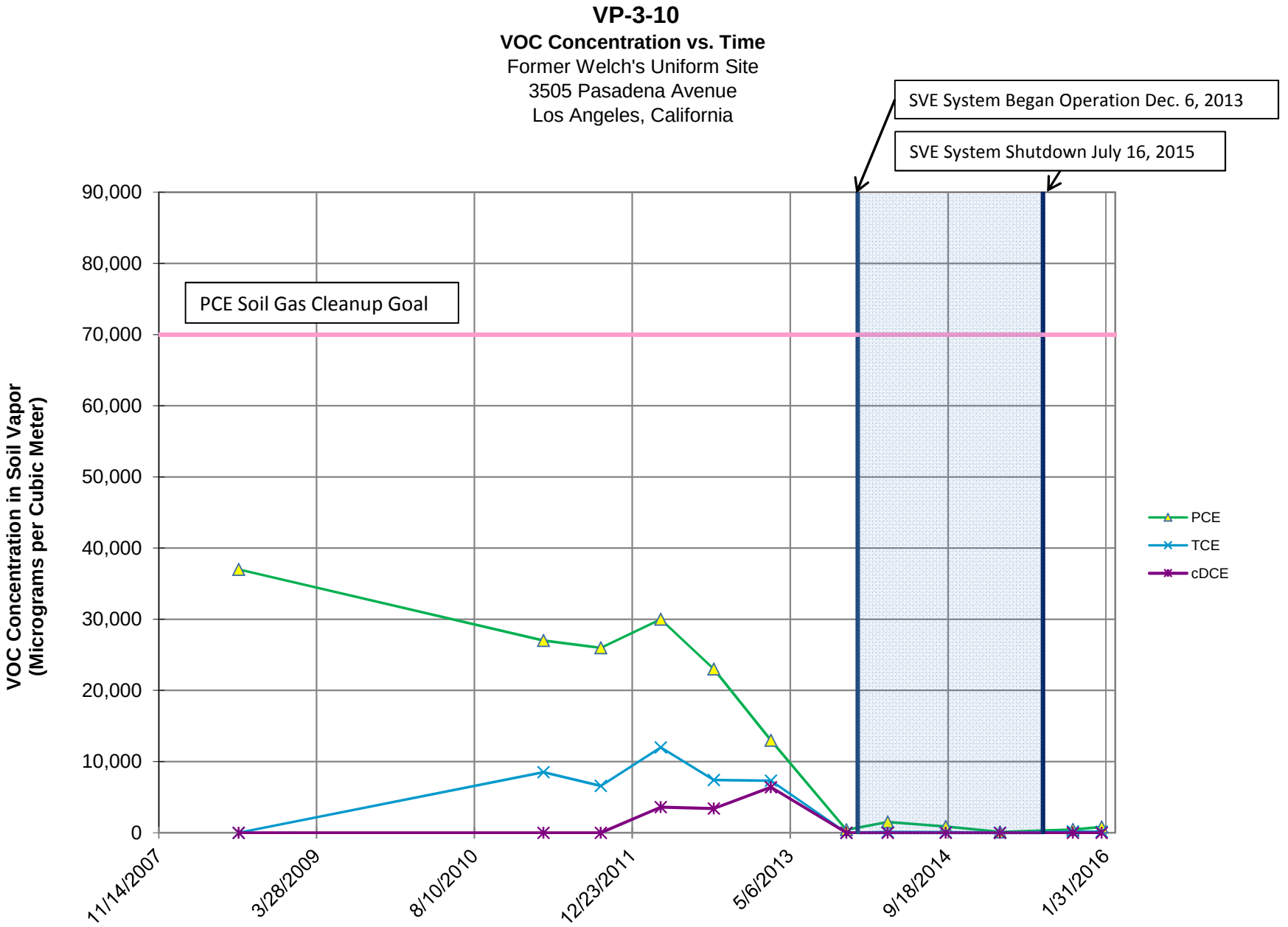

VP-2-5
VOC Concentration vs. Time
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California
SVE System Began Operation Dec. 6, 2013
SVE System Shutdown July 16, 2015
PCE Soil Gas Cleanup Goal
VOC Concentration in Soil Vapor
(Micrograms per Cubic Meter)
50,000
45,000
40,000
35,000
30,000
25,000
20,000
15,000
10,000
5,000
0
11/14/2007
3/28/2009
8/10/2010
12/23/2011
5/6/2013
9/18/2014
PCE
TCE
cDCE


VP-2-10
VOC Concentration vs. Time
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California
SVE System Began Operation Dec. 6, 2013
SVE System Shutdown July 16, 2015
PCE Soil Gas Cleanup Goal
VOC Concentration in Soil Vapor
(Micrograms per Cubic Meter)
90,000
80,000
70,000
60,000
50,000
40,000
30,000
20,000
10,000
0
11/14/2007
3/28/2009
8/10/2010
12/23/2011
5/6/2013
9/18/2014
PCE
TCE
cDCE


VP-2-20
VOC Concentration vs. Time
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California
SVE System Began Operation Dec. 6, 2013
SVE System Shutdown July 16, 2015
PCE Soil Gas Cleanup Goal
VOC Concentration in Soil Vapor
(Micrograms per Cubic Meter)
140,000
120,000
100,000
80,000
60,000
40,000
20,000
0
11/14/2007
3/28/2009
8/10/2010
12/23/2011
5/6/2013
9/18/2014
PCE
TCE
cDCE


VP-2-30
VOC Concentration vs. Time
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California
SVE System Began Operation Dec. 6, 2013
SVE System Shutdown July 16, 2015
PCE Soil Gas Cleanup Goal
VOC Concentration in Soil Vapor
(Micrograms per Cubic Meter)
200,000
180,000
160,000
140,000
120,000
100,000
80,000
60,000
40,000
20,000
0
11/14/2007
3/28/2009
8/10/2010
12/23/2011
5/6/2013
9/18/2014
PCE
TCE
cDCE

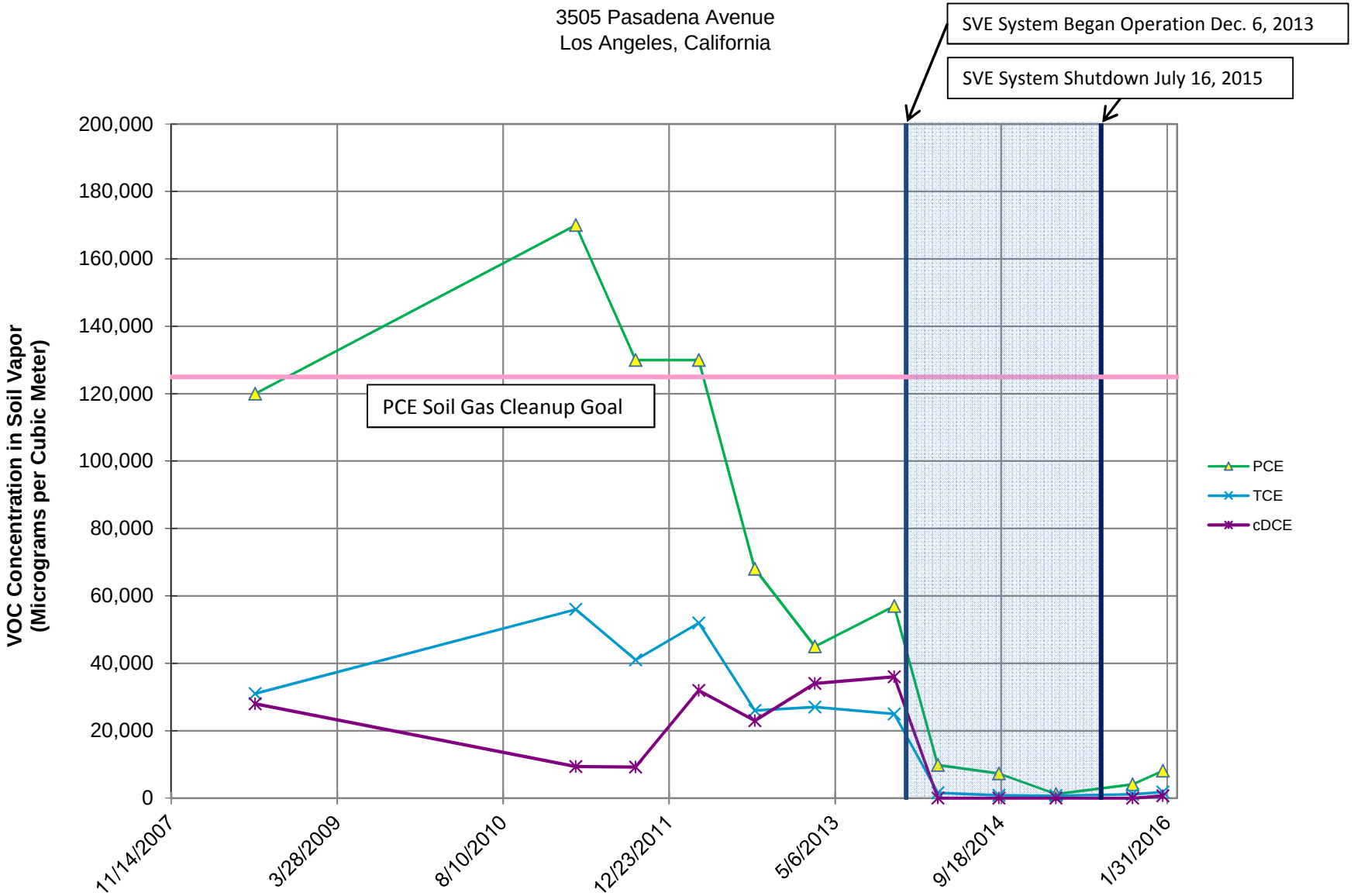

VP-3-5
VOC Concentration vs. Time
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California
SVE System Began Operation Dec. 6, 2013
SVE System Shutdown July 16, 2015
PCE Soil Gas Cleanup Goal
VOC Concentration in Soil Vapor
(Micrograms per Cubic Meter)
50,000
45,000
40,000
35,000
30,000
25,000
20,000
15,000
10,000
5,000
0
11/14/2007
3/28/2009
8/10/2010
12/23/2011
5/6/2013
9/18/2014
1/31/2016
PCE
TCE
cDCE


VP-3-10
VOC Concentration vs. Time
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California
SVE System Began Operation Dec. 6, 2013
SVE System Shutdown July 16, 2015
PCE Soil Gas Cleanup Goal
VOC Concentration in Soil Vapor
(Micrograms per Cubic Meter)
90,000
80,000
70,000
60,000
50,000
40,000
30,000
20,000
10,000
0
11/14/2007
3/28/2009
8/10/2010
12/23/2011
5/6/2013
9/18/2014
1/31/2016
PCE
TCE
cDCE

VP-3-20

VOC Concentration vs. Time

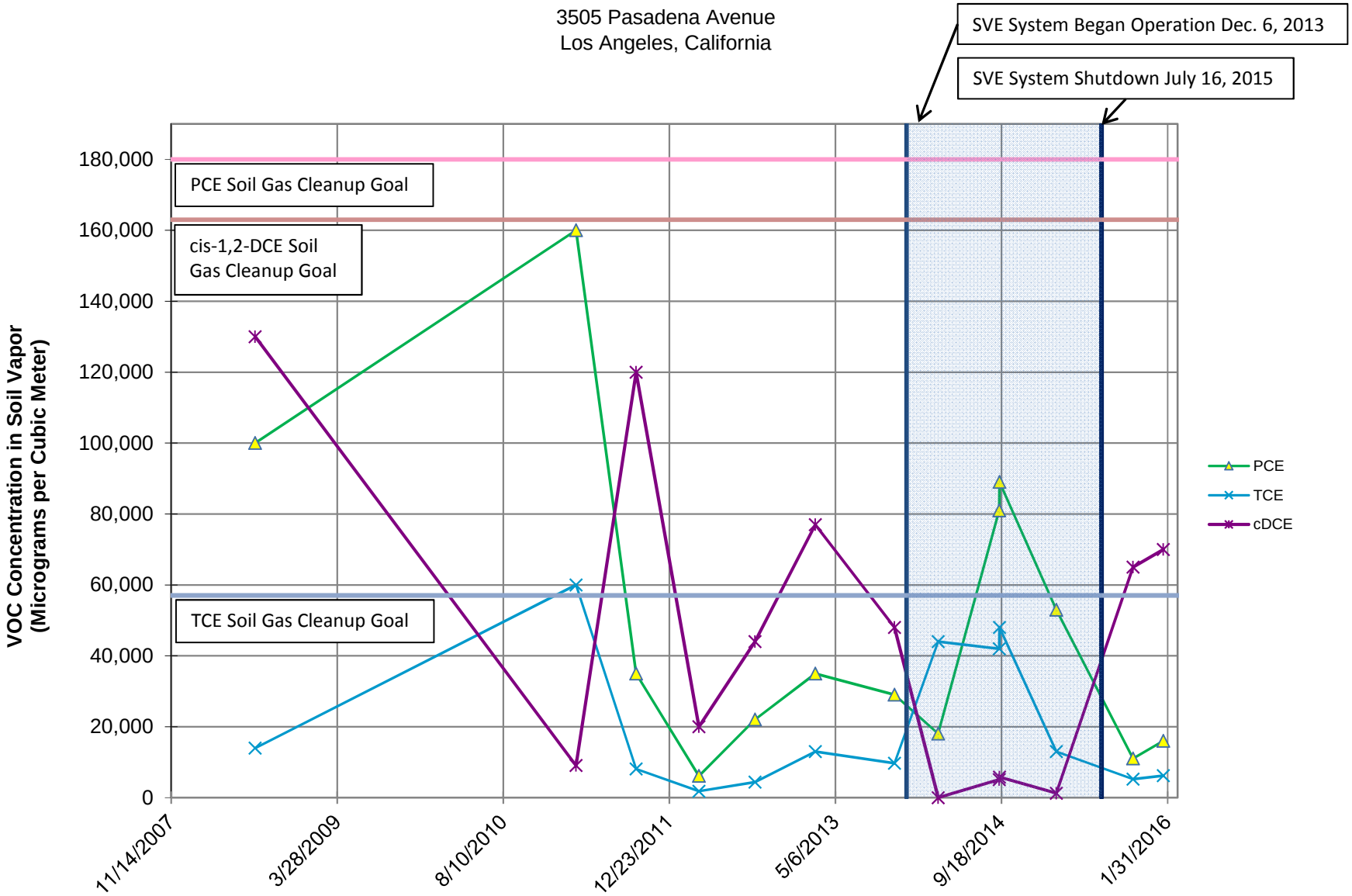
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California



VP-3-30

VOC Concentration vs. Time

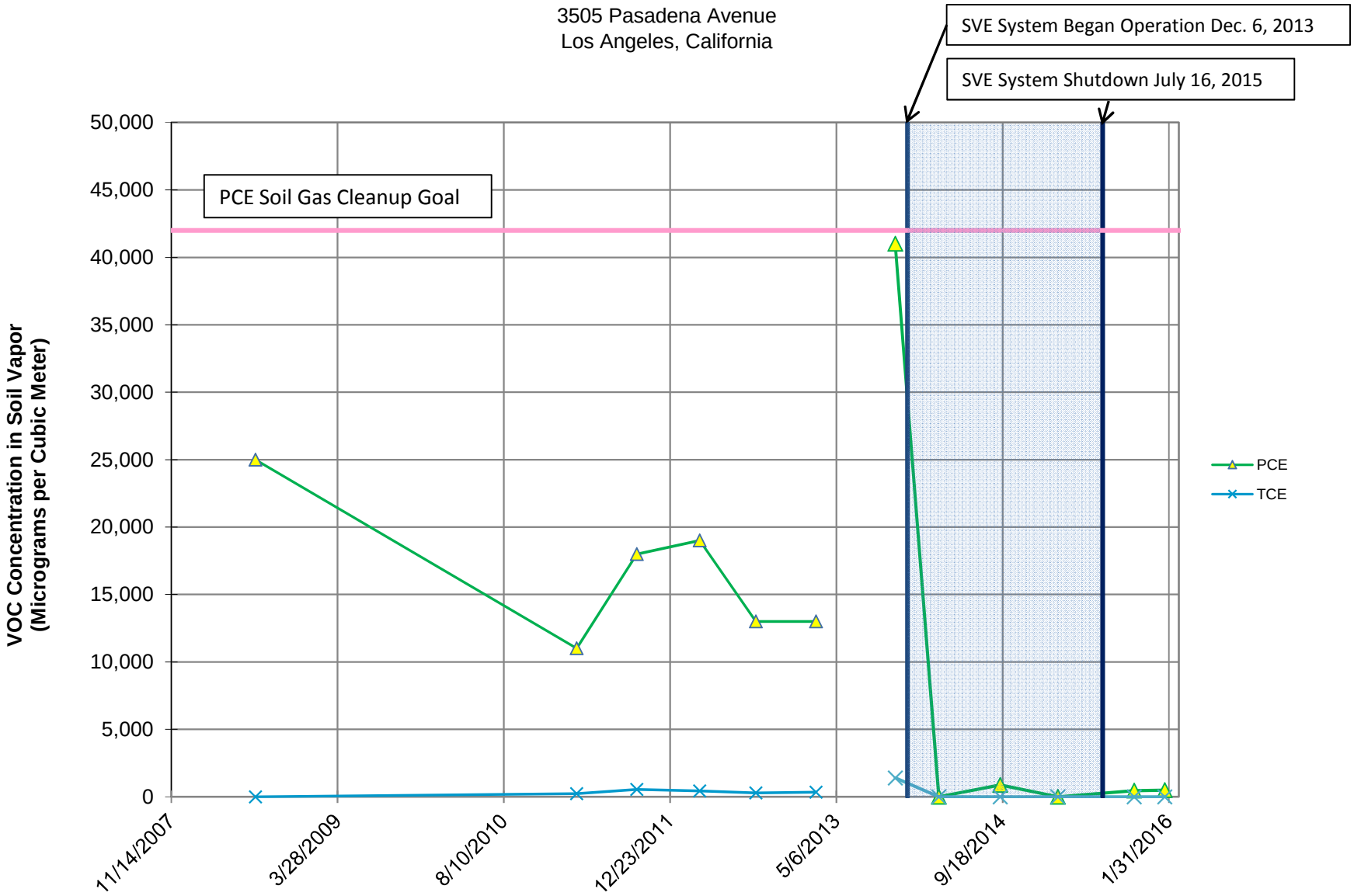
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California



VP-4-5 / VP-4R-5

VOC Concentration vs. Time

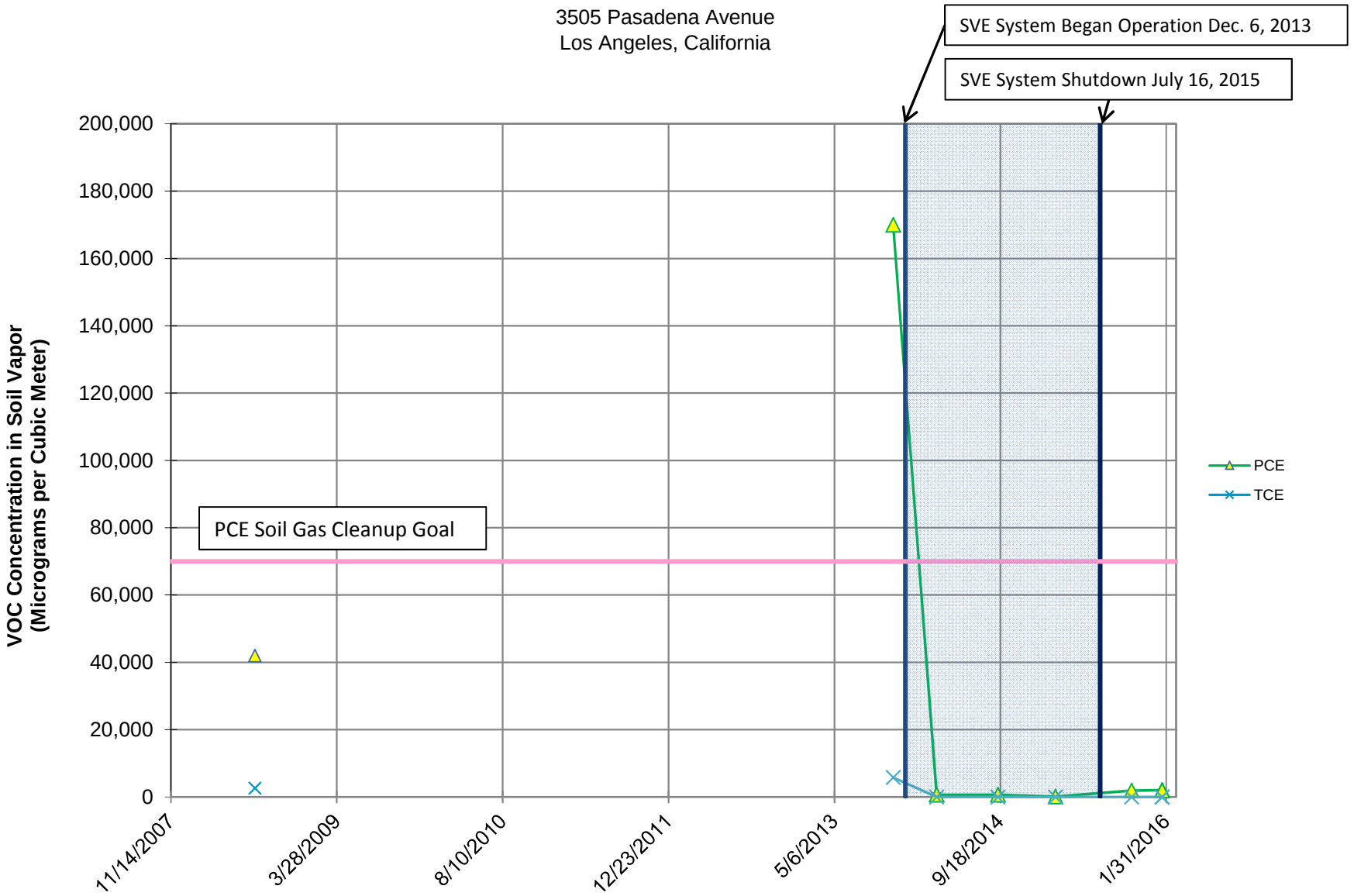
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California



VP-4-10 / VP-4R-10

VOC Concentration vs. Time

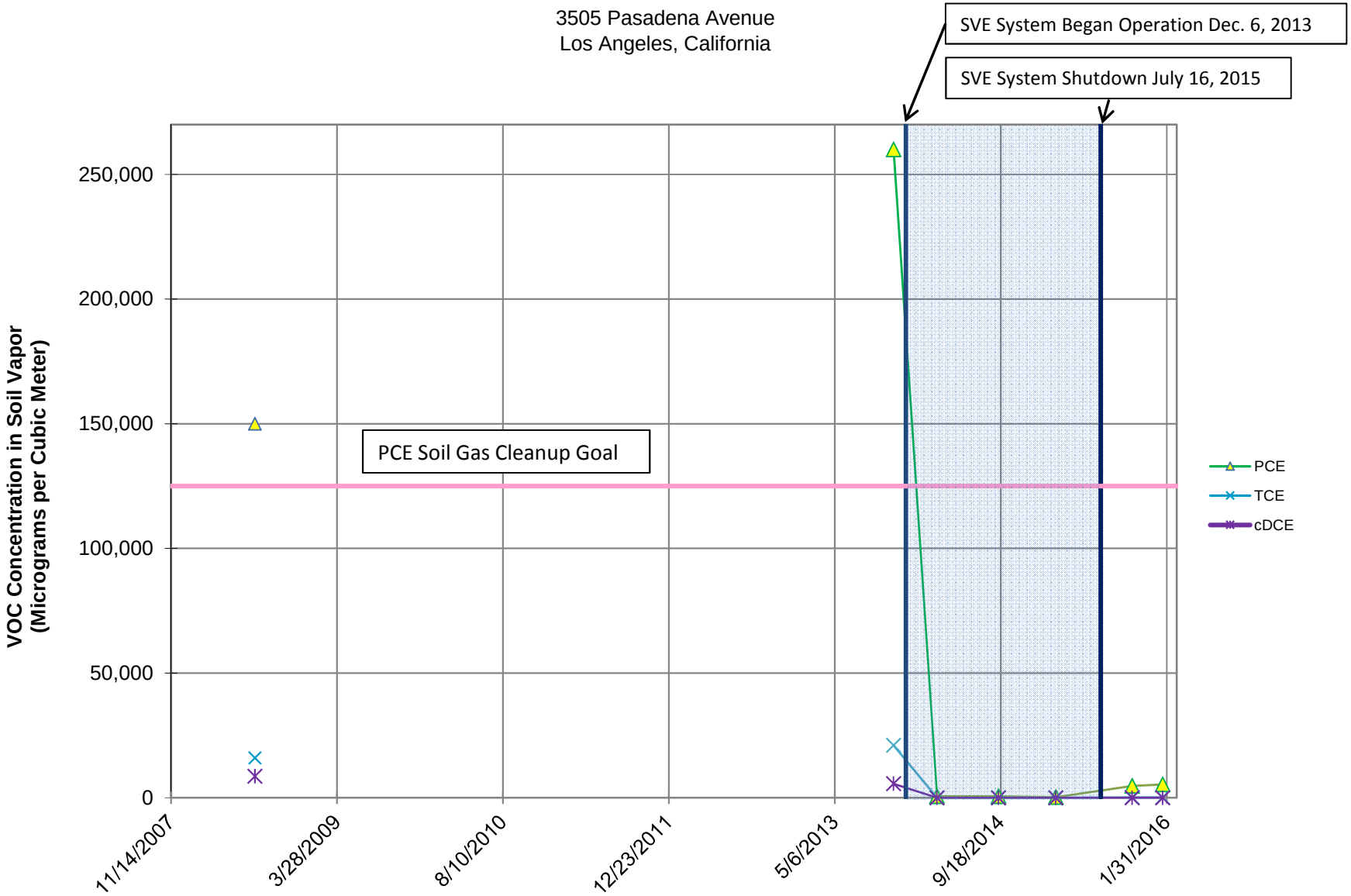
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California



VP-4-20 / VP-4R-20

VOC Concentration vs. Time

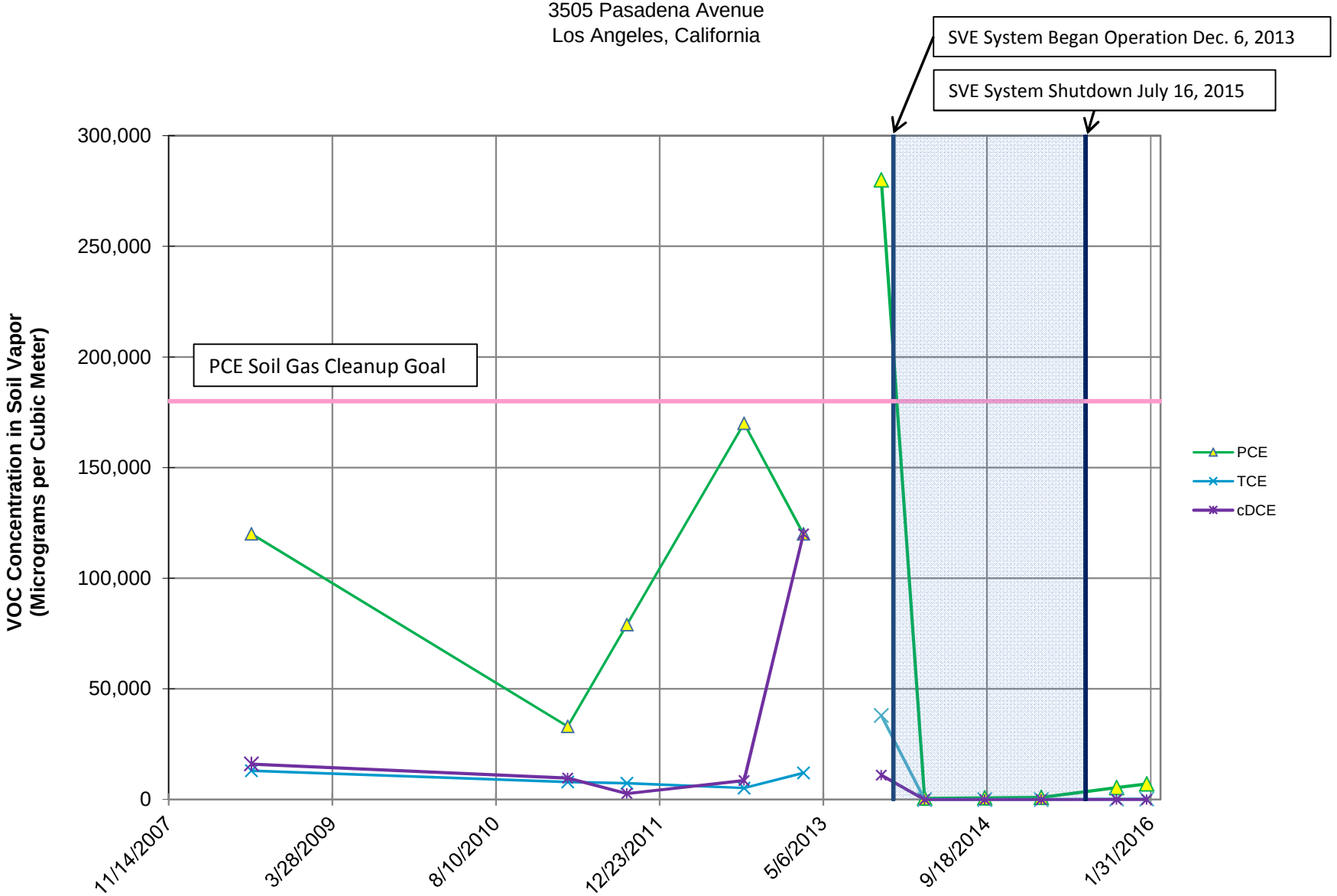
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California

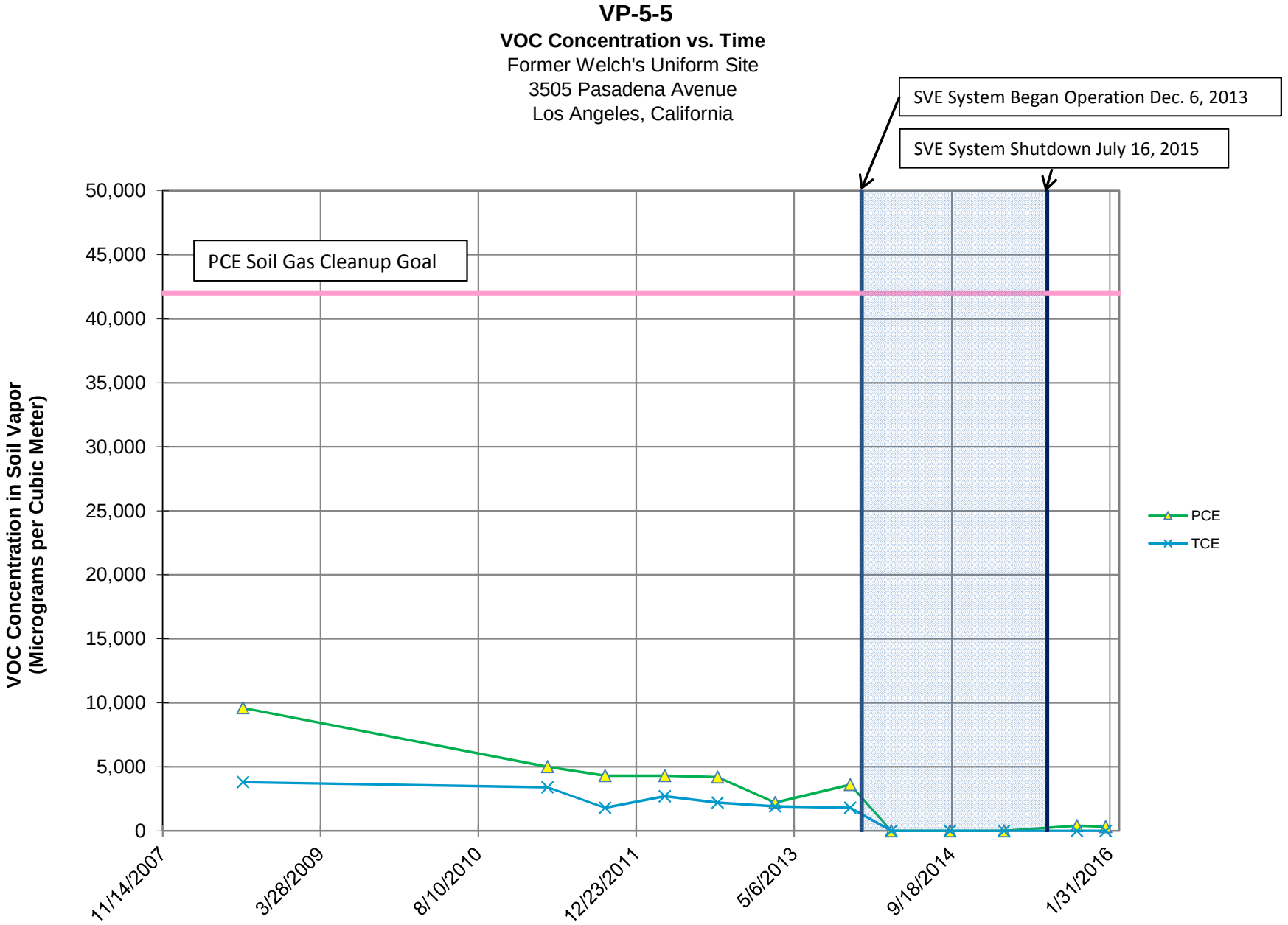


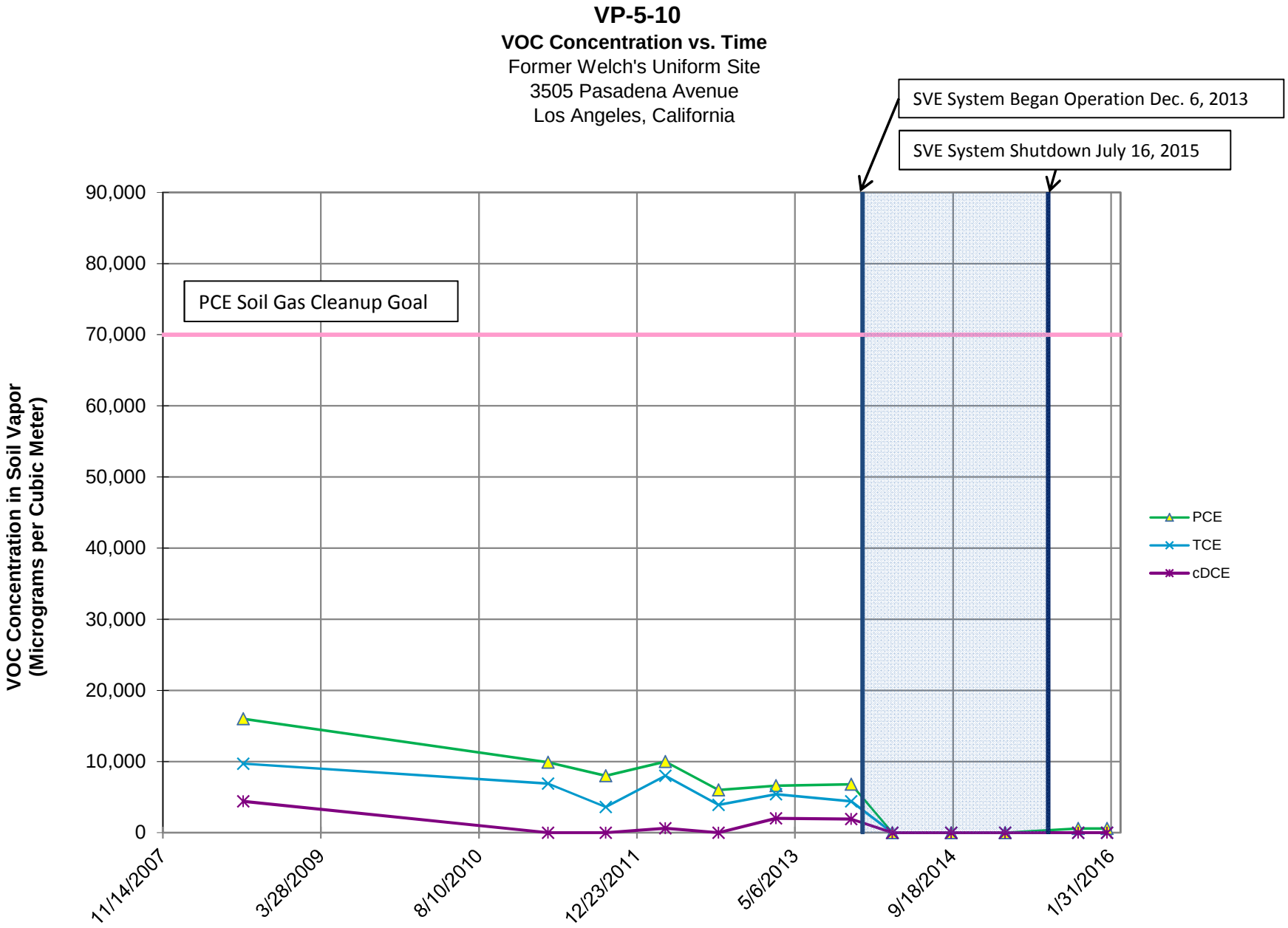
VP-4-30 / VP-4R-30

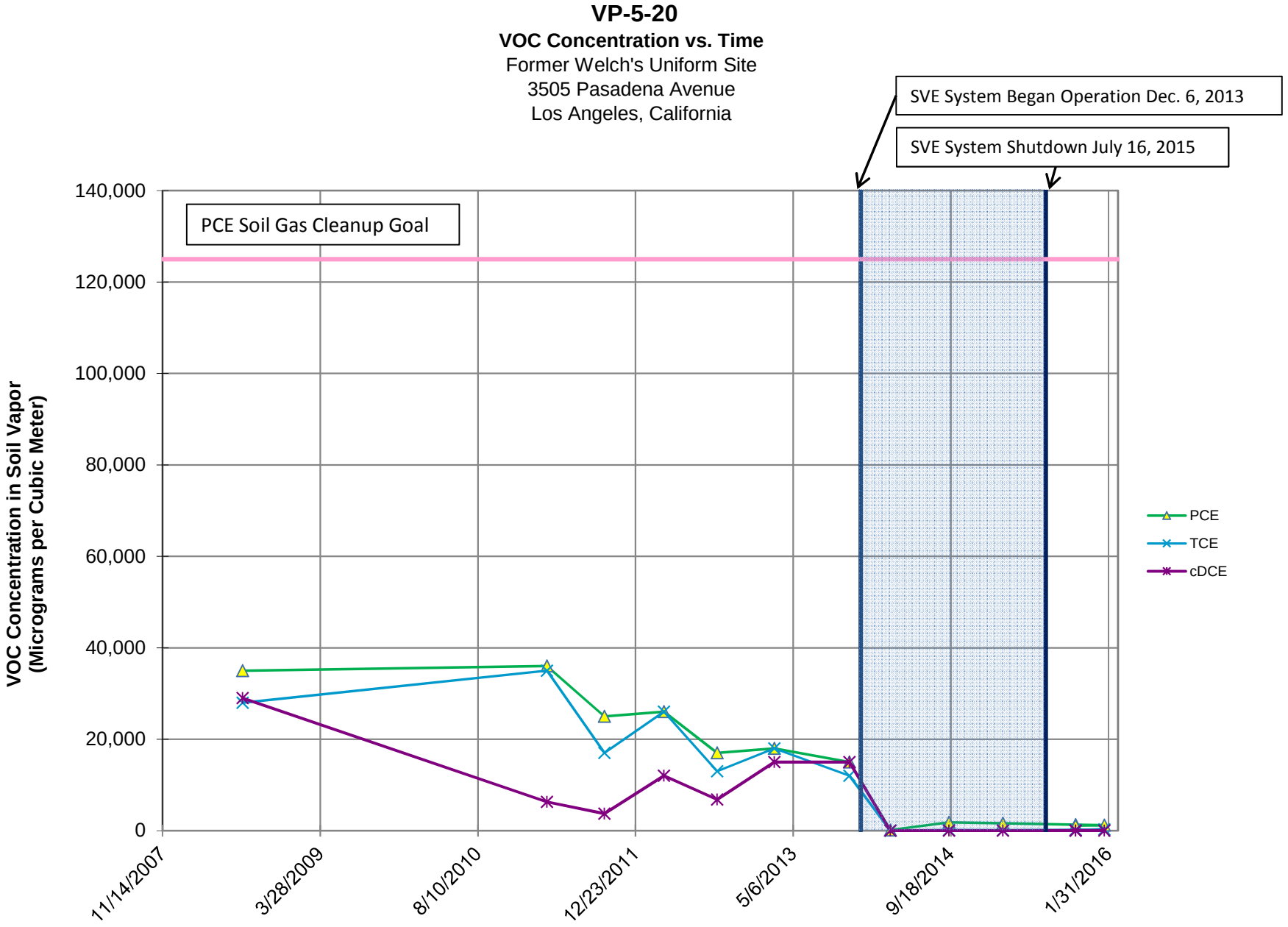
VOC Concentration vs. Time

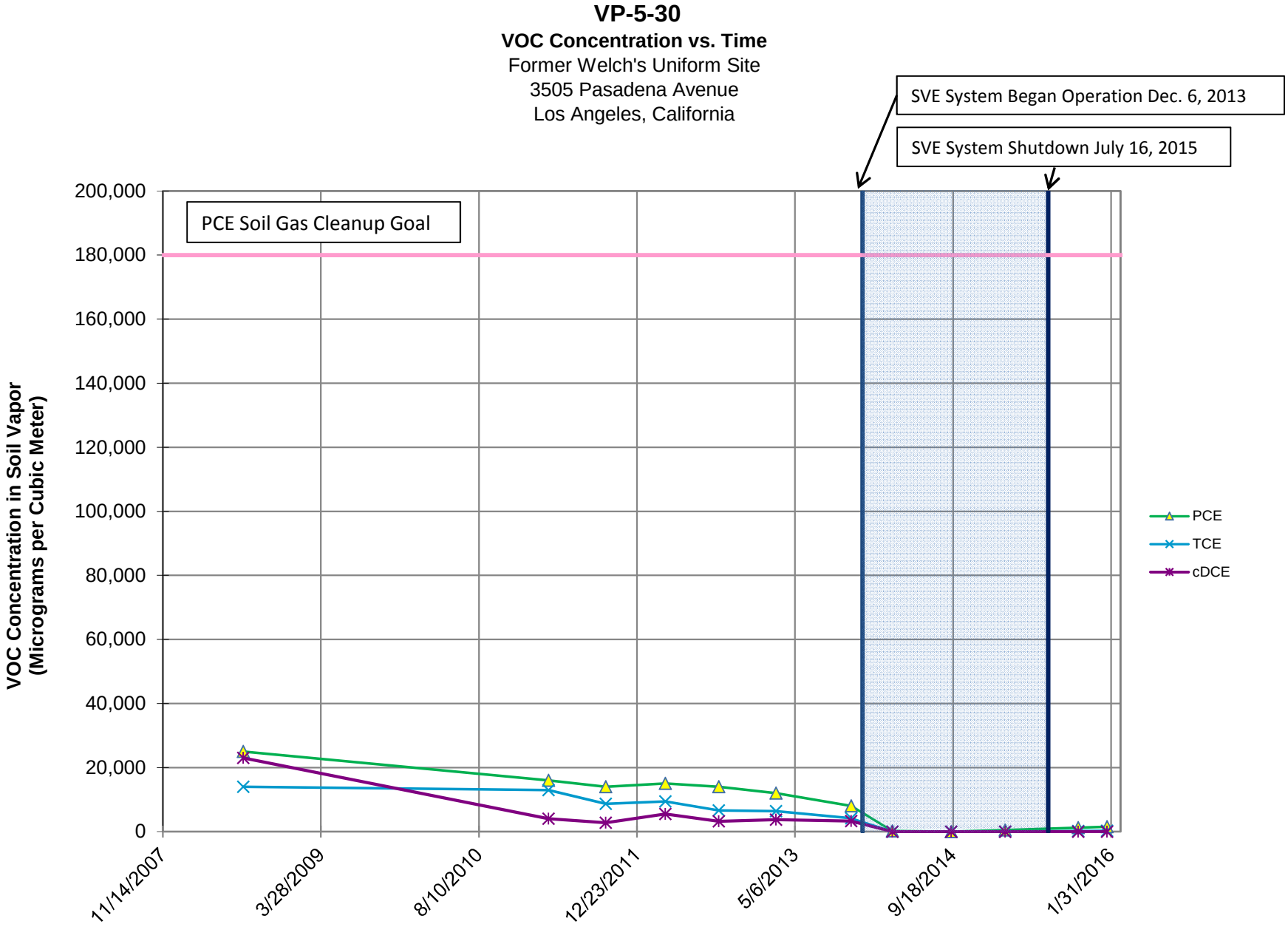
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California

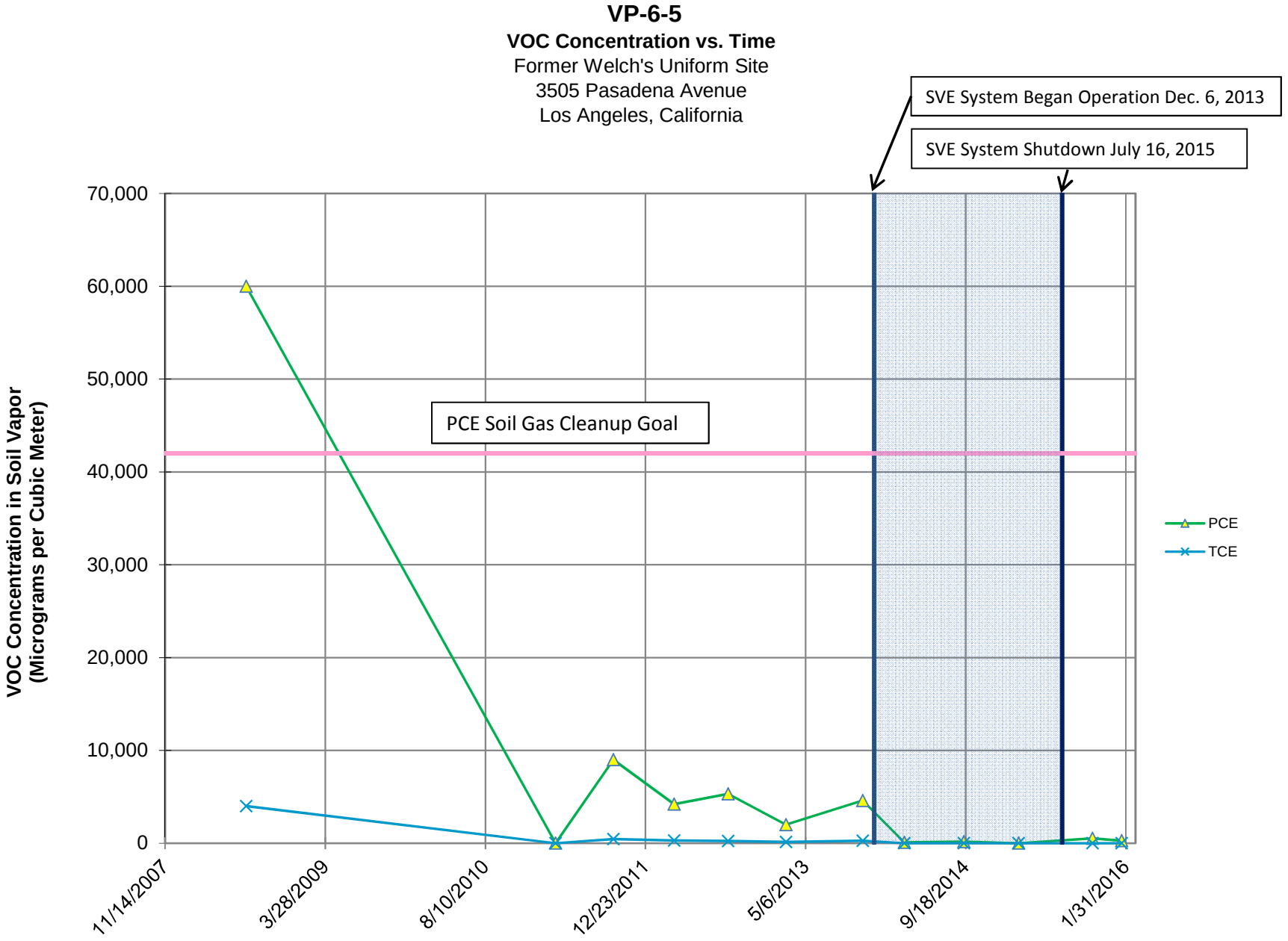



VP-5-5
VOC Concentration vs. Time
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California
SVE System Began Operation Dec. 6, 2013
SVE System Shutdown July 16, 2015
PCE Soil Gas Cleanup Goal
VOC Concentration in Soil Vapor
(Micrograms per Cubic Meter)
50,000
45,000
40,000
35,000
30,000
25,000
20,000
15,000
10,000
5,000
0
11/14/2007
3/28/2009
8/10/2010
12/23/2011
5/6/2013
9/18/2014
1/31/2016
PCE
TCE


VP-5-10
VOC Concentration vs. Time
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California
SVE System Began Operation Dec. 6, 2013
SVE System Shutdown July 16, 2015
PCE Soil Gas Cleanup Goal
VOC Concentration in Soil Vapor
(Micrograms per Cubic Meter)
90,000
80,000
70,000
60,000
50,000
40,000
30,000
20,000
10,000
0
11/14/2007
3/28/2009
8/10/2010
12/23/2011
5/6/2013
9/18/2014
1/31/2016
PCE
TCE
cDCE


VP-5-20
VOC Concentration vs. Time
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California
SVE System Began Operation Dec. 6, 2013
SVE System Shutdown July 16, 2015
PCE Soil Gas Cleanup Goal
VOC Concentration in Soil Vapor
(Micrograms per Cubic Meter)
140,000
120,000
100,000
80,000
60,000
40,000
20,000
0
11/14/2007
3/28/2009
8/10/2010
12/23/2011
5/6/2013
9/18/2014
1/31/2016
PCE
TCE
cDCE

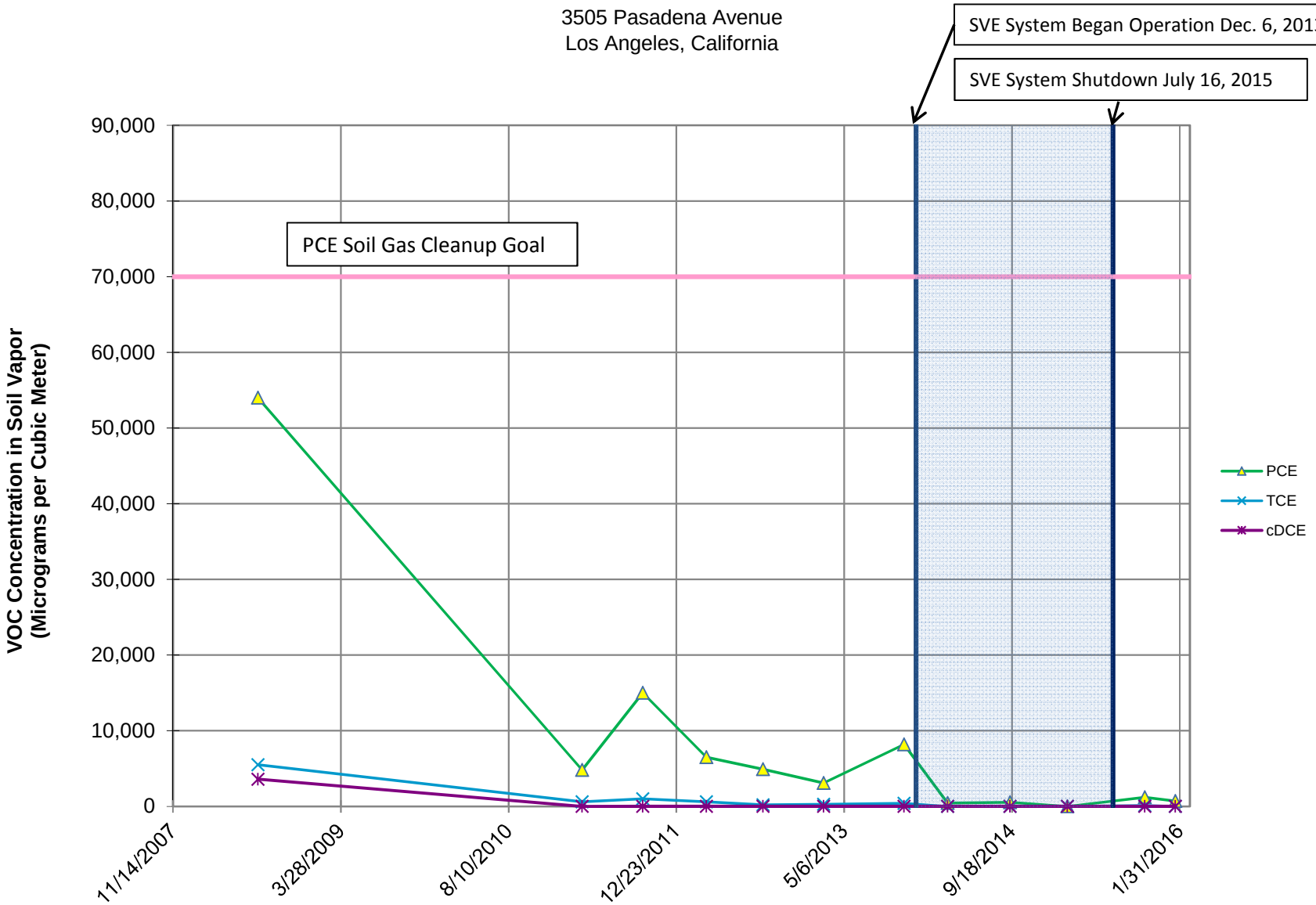

VP-5-30
VOC Concentration vs. Time
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California
SVE System Began Operation Dec. 6, 2013
SVE System Shutdown July 16, 2015
PCE Soil Gas Cleanup Goal
VOC Concentration in Soil Vapor
(Micrograms per Cubic Meter)
200,000
180,000
160,000
140,000
120,000
100,000
80,000
60,000
40,000
20,000
0
11/14/2007
3/28/2009
8/10/2010
12/23/2011
5/6/2013
9/18/2014
1/31/2016
PCE
TCE
cDCE

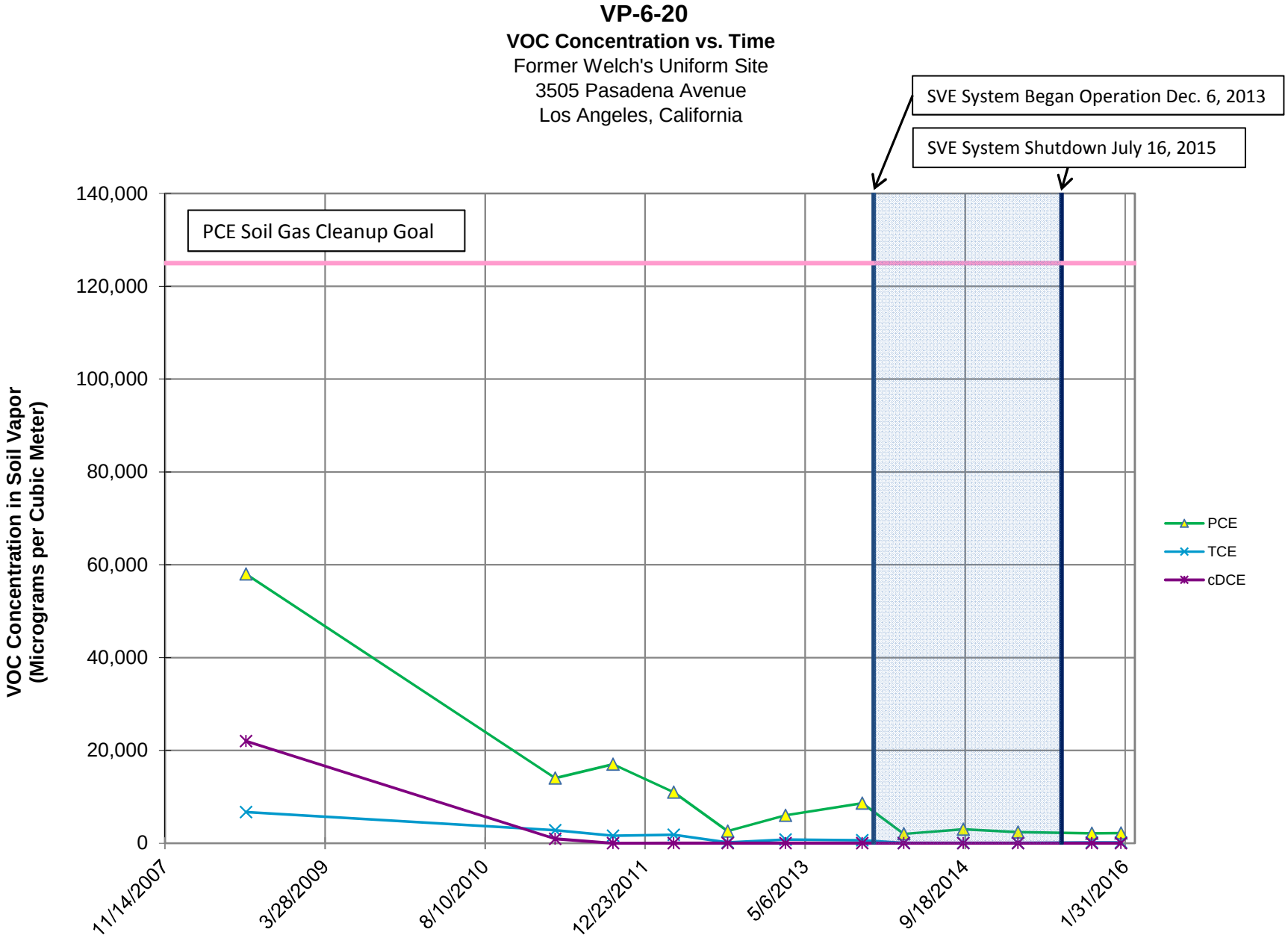

VP-6-5
VOC Concentration vs. Time
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California
SVE System Began Operation Dec. 6, 2013
SVE System Shutdown July 16, 2015
PCE Soil Gas Cleanup Goal
VOC Concentration in Soil Vapor
(Micrograms per Cubic Meter)
70,000
60,000
50,000
40,000
30,000
20,000
10,000
0
11/14/2007
3/28/2009
8/10/2010
12/23/2011
5/6/2013
9/18/2014
1/31/2016
PCE
TCE

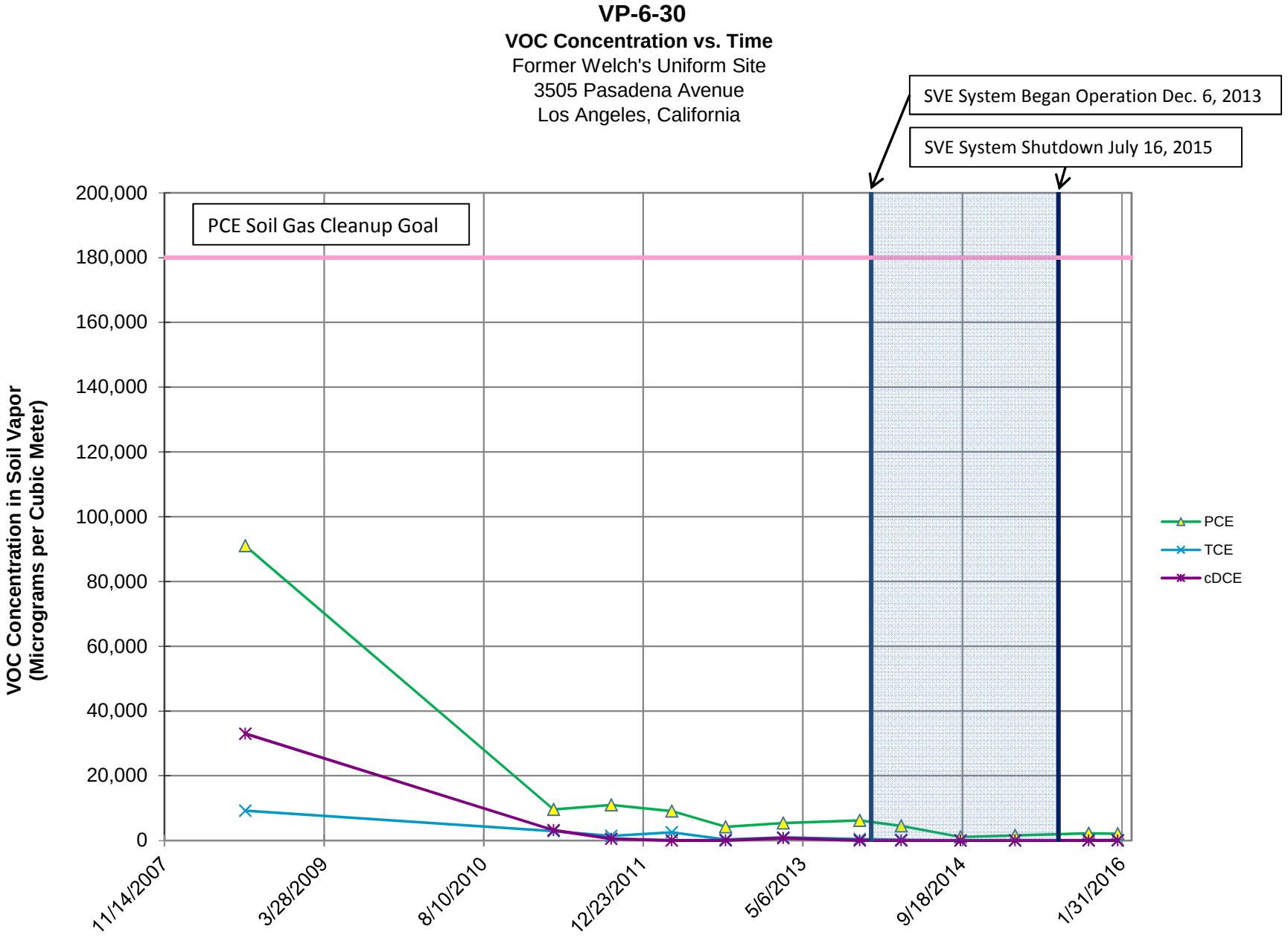
VP-6-10

VOC Concentration vs. Time

Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California



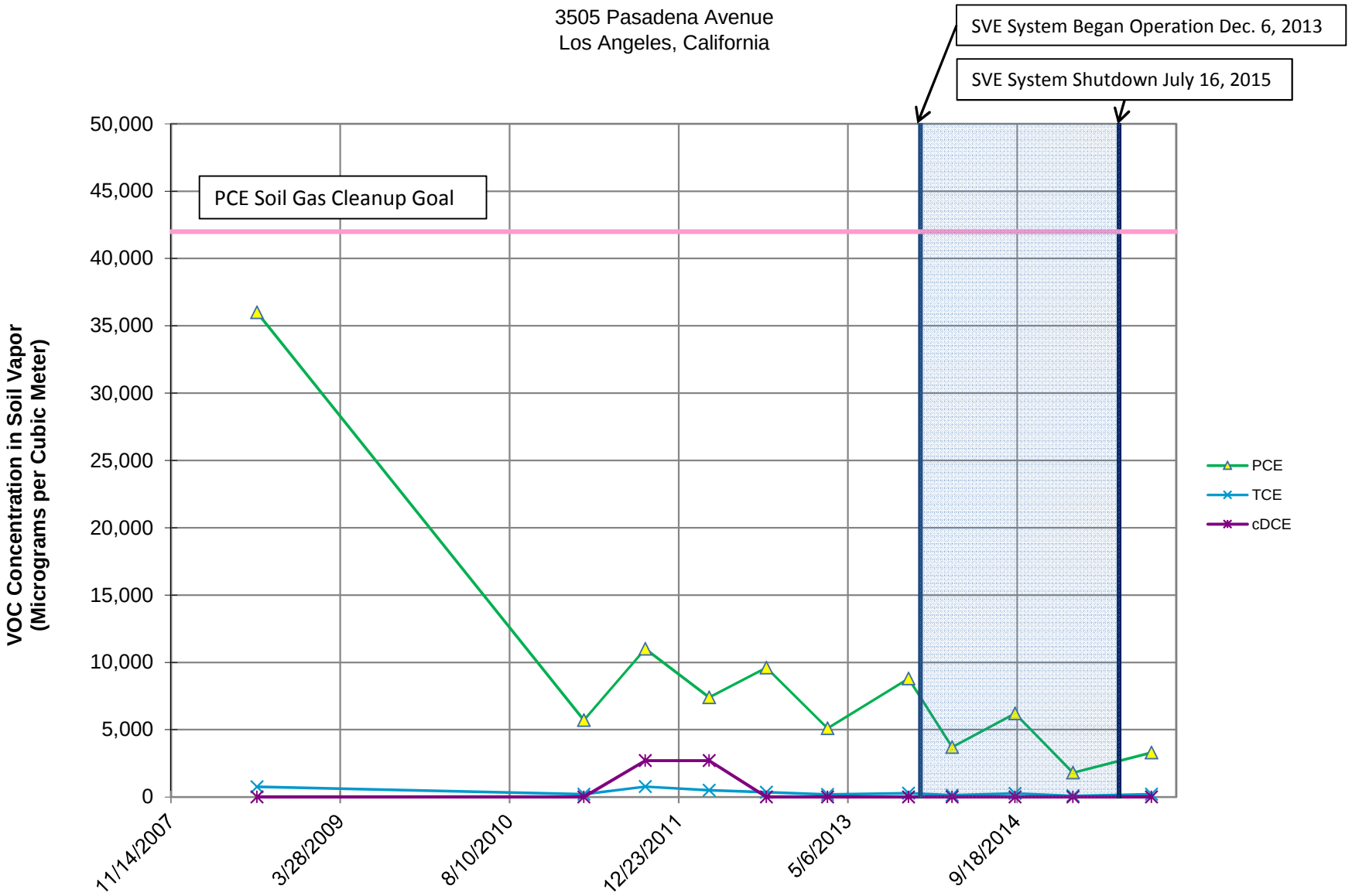

VP-6-20
VOC Concentration vs. Time
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California
SVE System Began Operation Dec. 6, 2013
SVE System Shutdown July 16, 2015
PCE Soil Gas Cleanup Goal
VOC Concentration in Soil Vapor
(Micrograms per Cubic Meter)
140,000
120,000
100,000
80,000
60,000
40,000
20,000
0
11/14/2007
3/28/2009
8/10/2010
12/23/2011
5/6/2013
9/18/2014
1/31/2016
PCE
TCE
cDCE

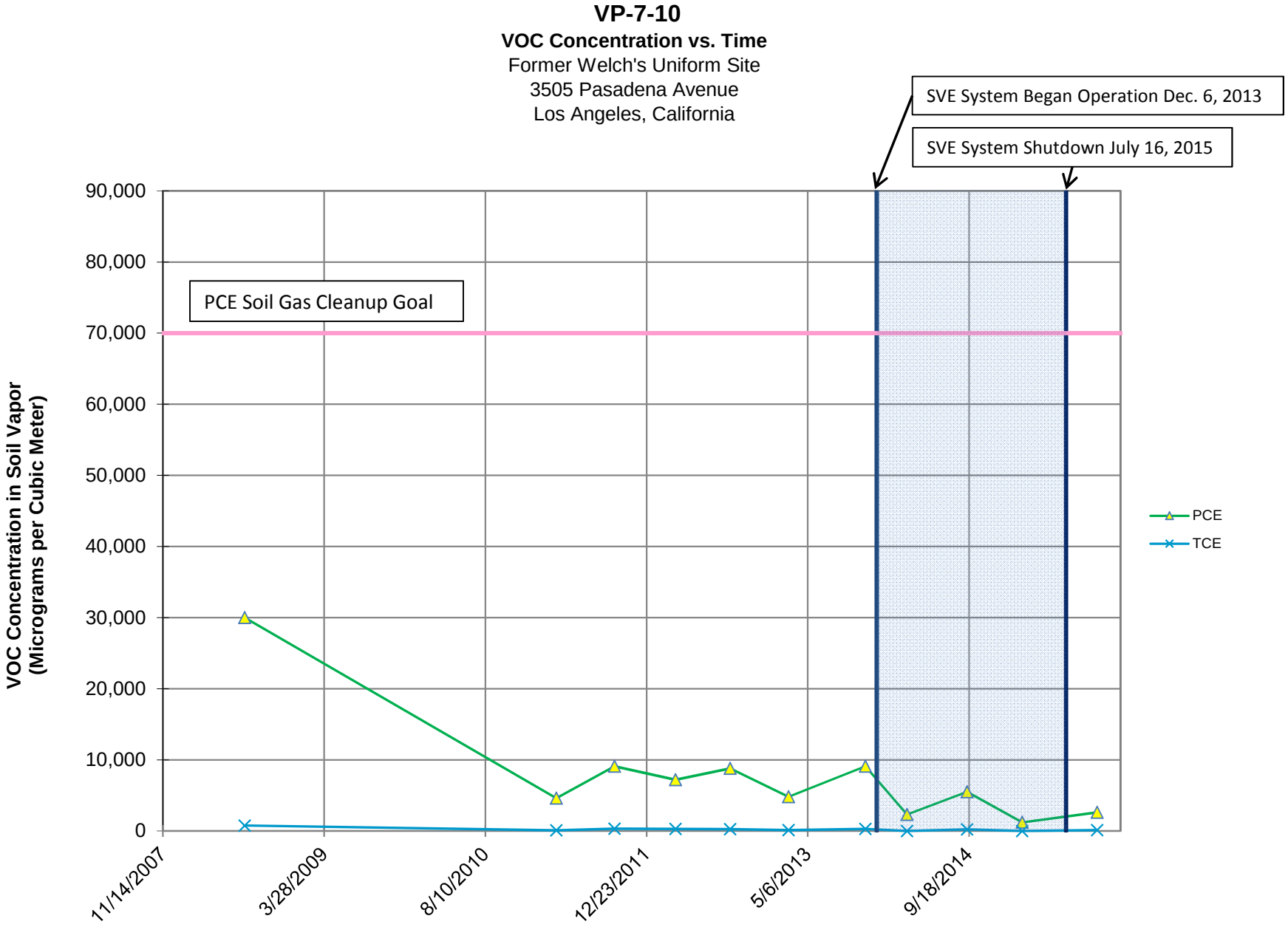

VP-6-30
VOC Concentration vs. Time
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California
SVE System Began Operation Dec. 6, 2013
SVE System Shutdown July 16, 2015
PCE Soil Gas Cleanup Goal
VOC Concentration in Soil Vapor
(Micrograms per Cubic Meter)
200,000
180,000
160,000
140,000
120,000
100,000
80,000
60,000
40,000
20,000
0
11/14/2007
3/28/2009
8/10/2010
12/23/2011
5/6/2013
9/18/2014
1/31/2016
PCE
TCE
cDCE

VP-7-5

VOC Concentration vs. Time

Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California

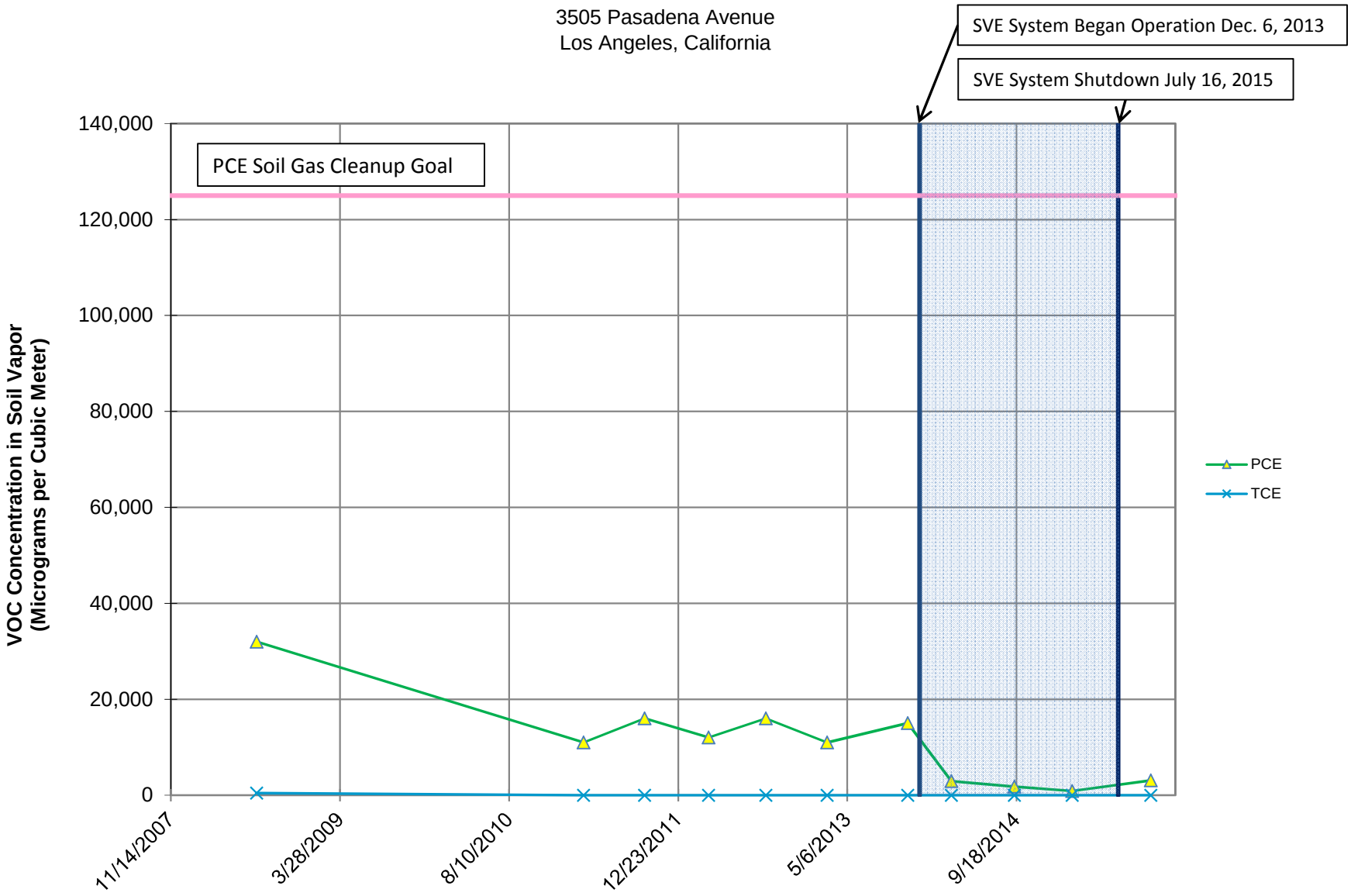



VP-7-10
VOC Concentration vs. Time
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California
SVE System Began Operation Dec. 6, 2013
SVE System Shutdown July 16, 2015
PCE Soil Gas Cleanup Goal
VOC Concentration in Soil Vapor
(Micrograms per Cubic Meter)
90,000
80,000
70,000
60,000
50,000
40,000
30,000
20,000
10,000
0
11/14/2007
3/28/2009
8/10/2010
12/23/2011
5/6/2013
9/18/2014
PCE
TCE

VP-7-20

VOC Concentration vs. Time

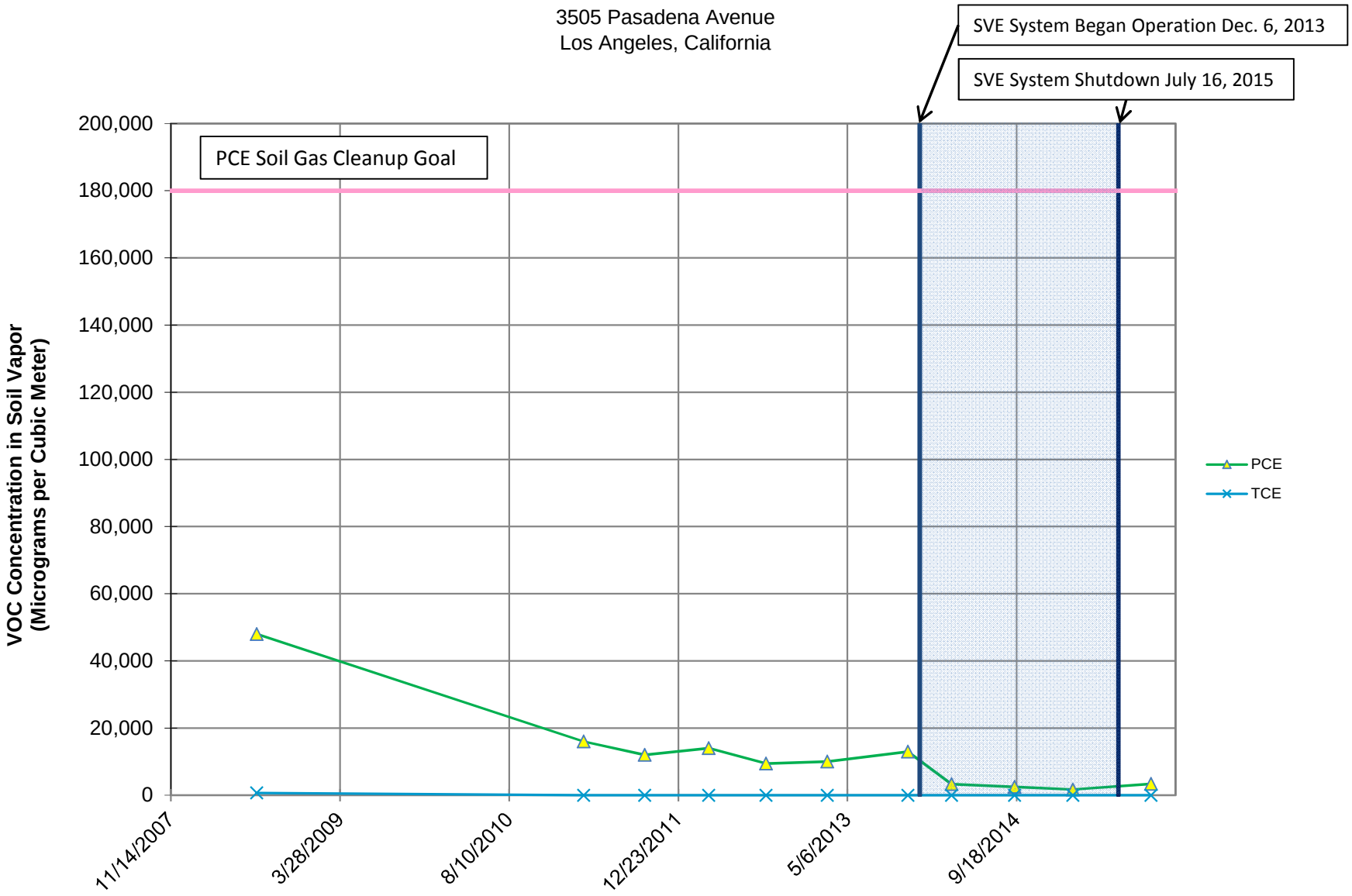
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California

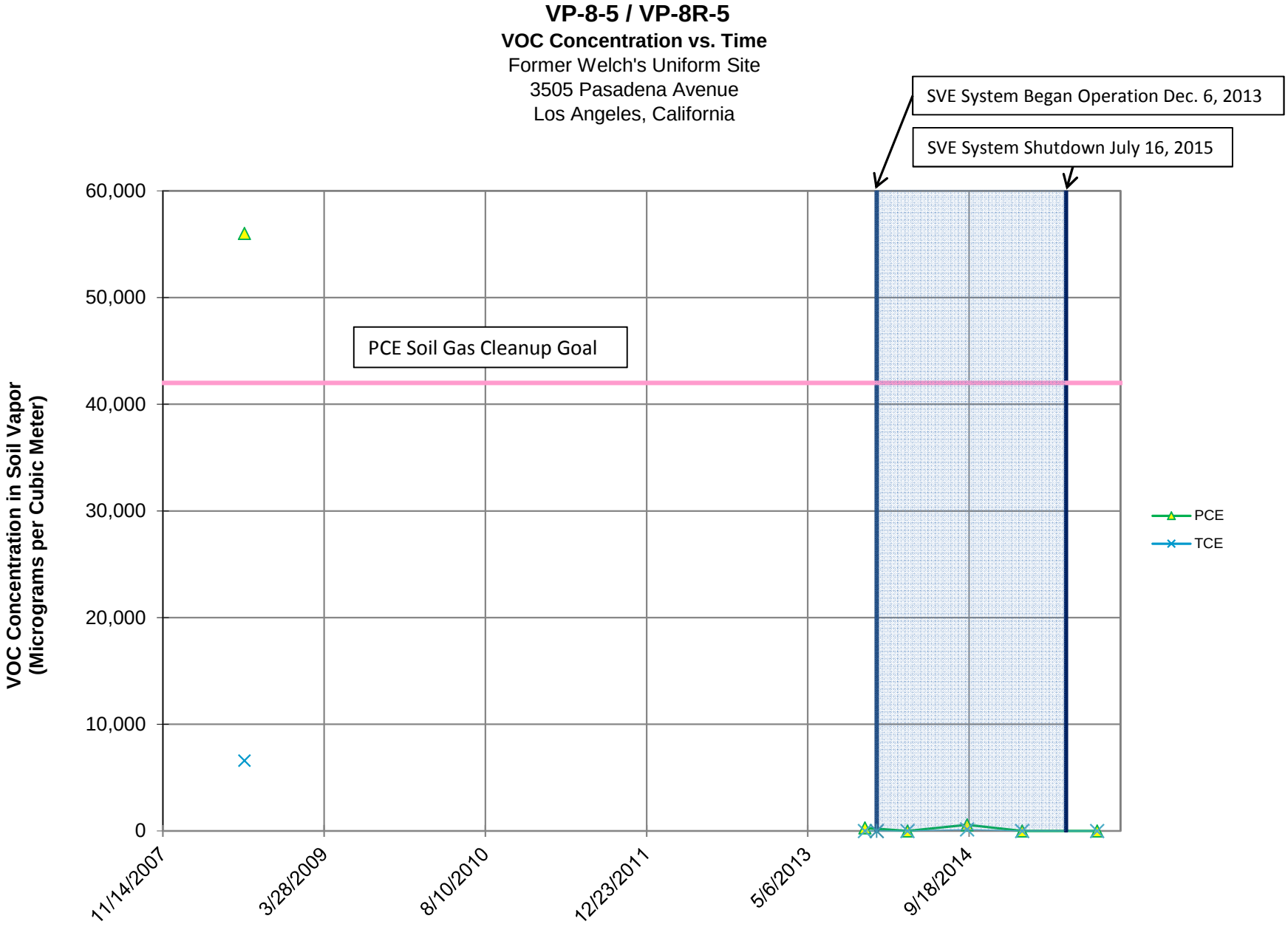


VP-7-30

VOC Concentration vs. Time

Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California

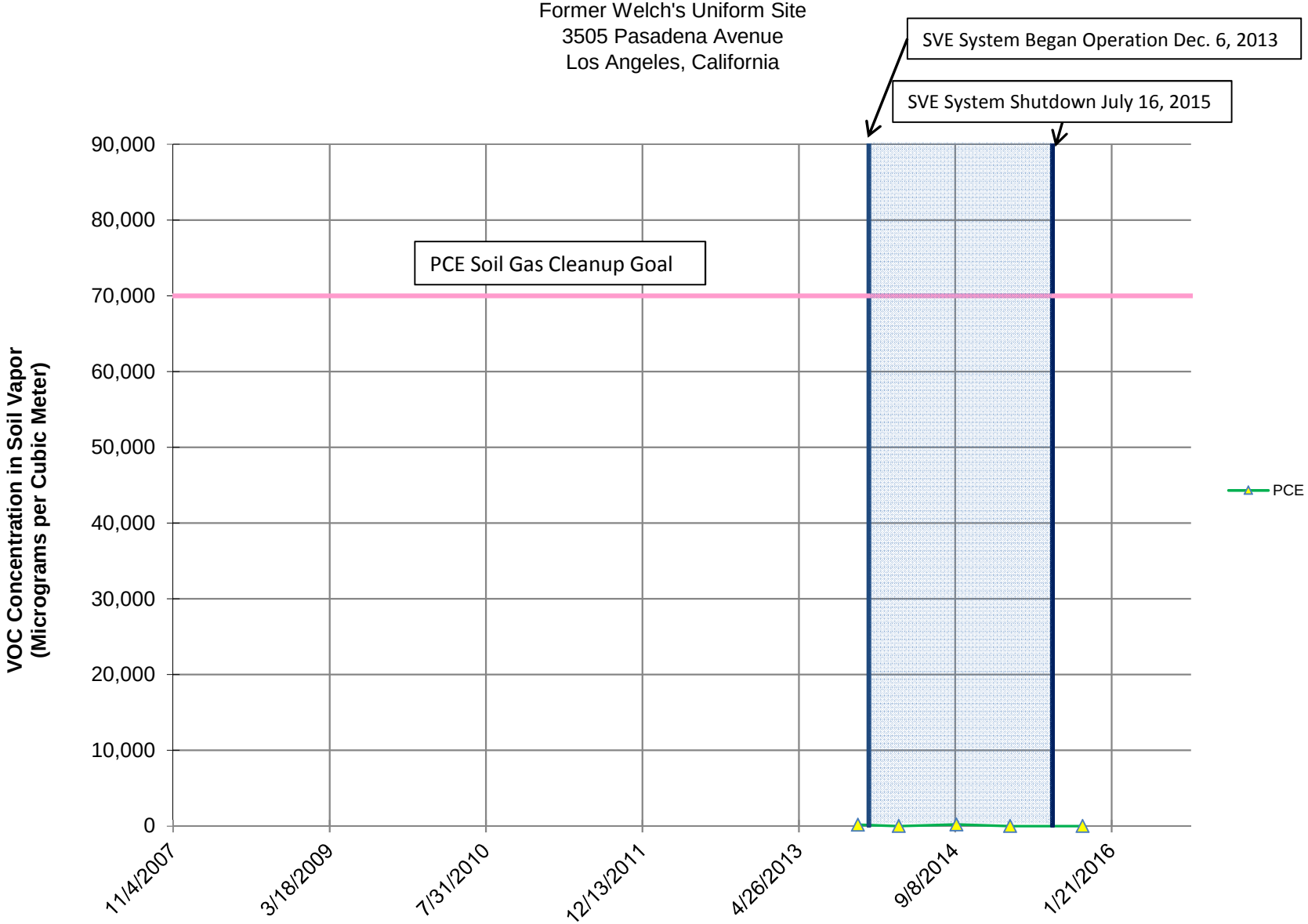



VP-8-5 / VP-8R-5
VOC Concentration vs. Time
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California
SVE System Began Operation Dec. 6, 2013
SVE System Shutdown July 16, 2015
PCE Soil Gas Cleanup Goal
VOC Concentration in Soil Vapor
(Micrograms per Cubic Meter)
60,000
50,000
40,000
30,000
20,000
10,000
0
11/14/2007
3/28/2009
8/10/2010
12/23/2011
5/6/2013
9/18/2014
PCE
TCE

VP-8-10 / VP-8R-10

VOC Concentration vs. Time

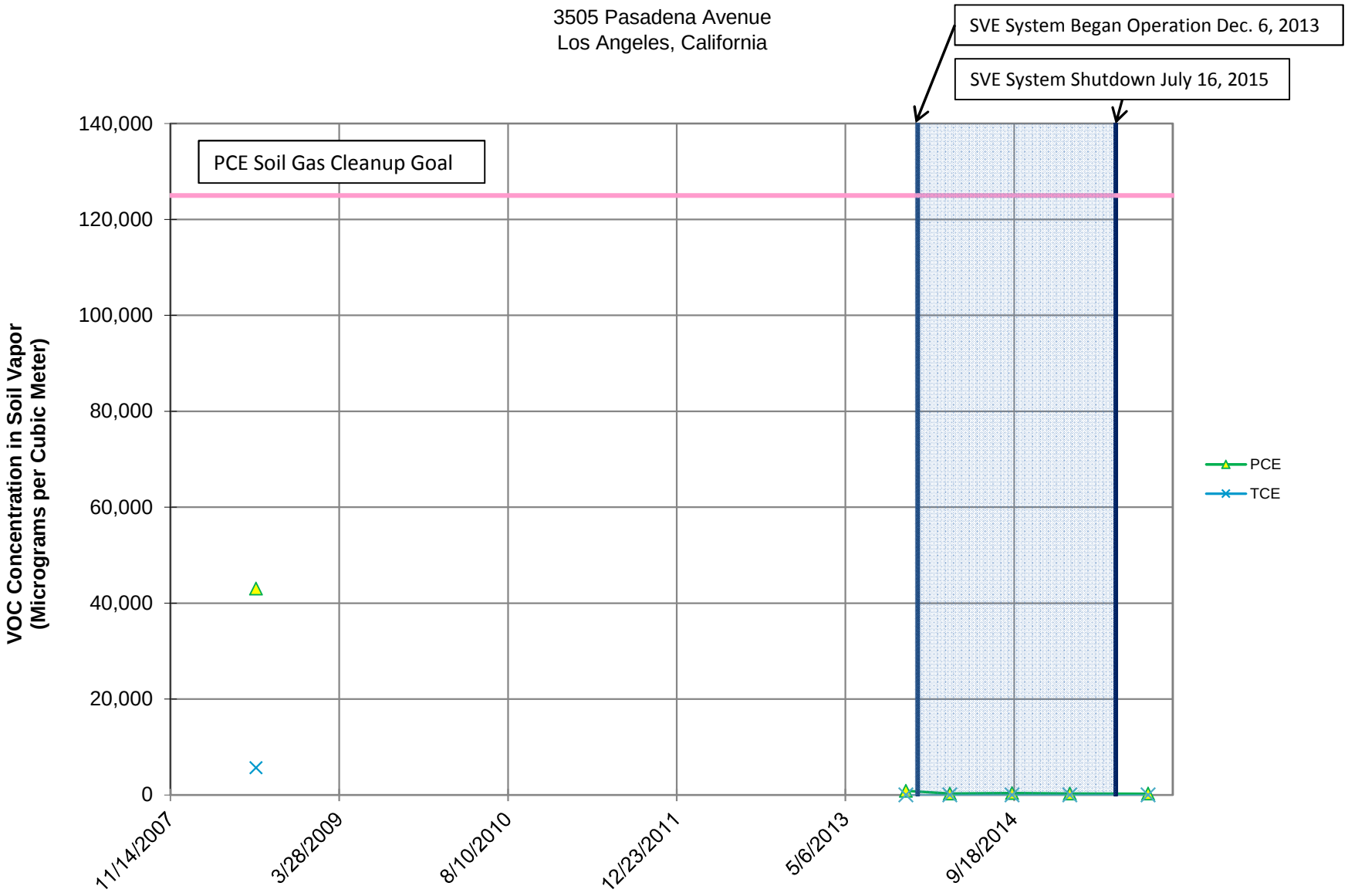
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California



VP-8-20 / VP-8R-20

VOC Concentration vs. Time

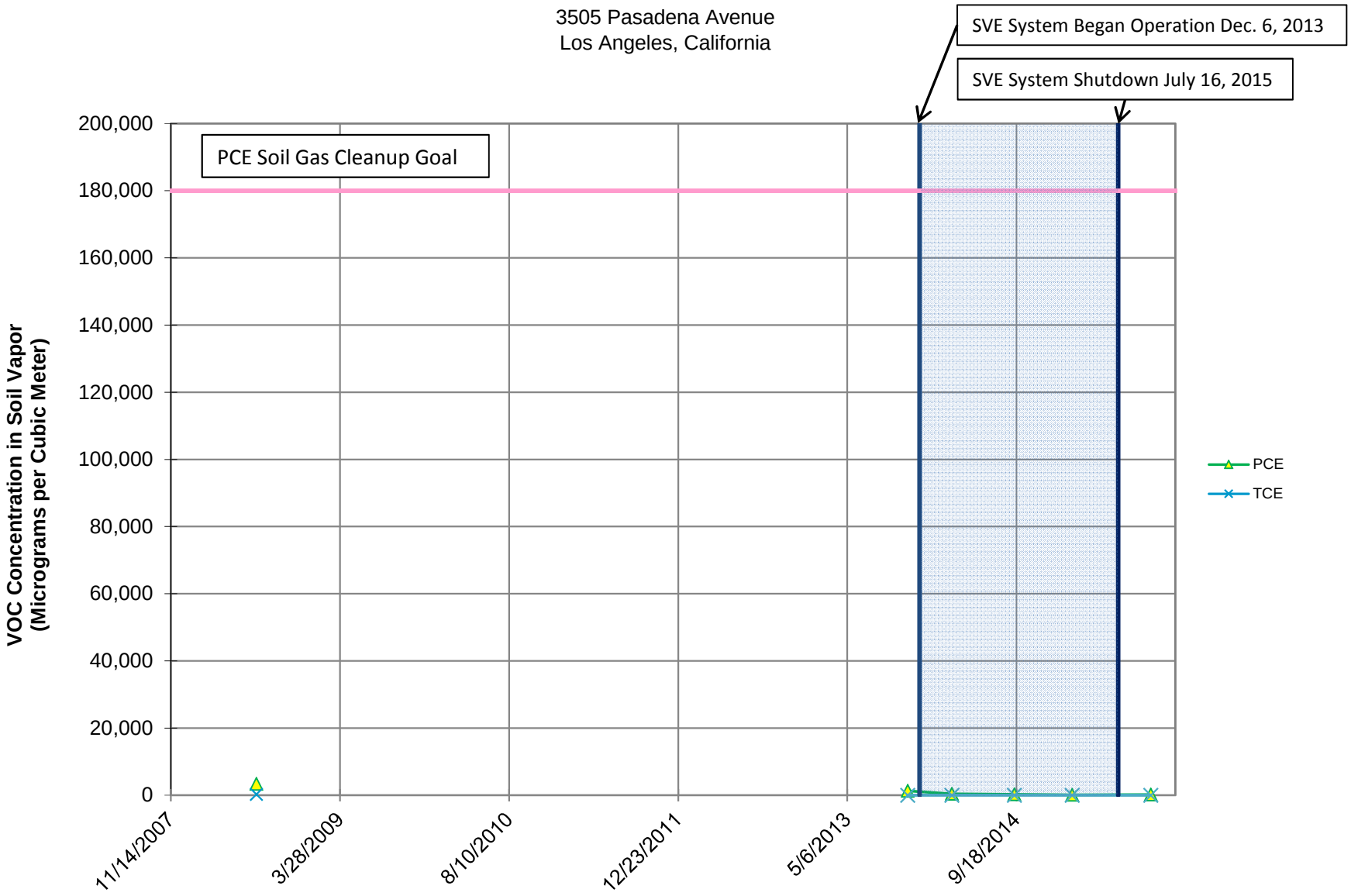
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California



VP-8-30 / VP-8R-30

VOC Concentration vs. Time

Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California



BURNS McDONNELL

CREATE AMAZING.

Burns & McDonnell
8201 Norman Center Drive
Bloomington, MN 55437
O 952-656-6003
F 952-229-2923
www.burnsmcd.com

Exhibit J

Welch’s Report 2018

FOURTH QUARTER 2018
GROUNDWATER MONITORING REPORT

Former Welch's Uniform
3505 Pasadena Avenue
Los Angeles, California 90031

Prepared For:

Aramark Uniform and Career Apparel, LLC
115 North First Street
Burbank, CA 91502

Prepared By:

Apex Companies, LLC
1962 Freeman Avenue
Signal Hill, California 90755

December 31, 2018

091-AUS-5.01

Martin Duda, G.I.T.
Staff Geologist

Andrew Drummond, P.G.
Principal Geologist

Table of Contents

LIST OF FIGURES iii
LIST OF TABLES iii
LIST OF APPENDICES iii
LIST OF IN-TEXT TABLES iii

LIST OF GENERAL ACRONYMS iv

1.0 INTRODUCTION 1
1.1 Physical Setting 1
1.2 Property Information 1

2.0 BACKGROUND 2
2.1 Property Description 2
2.2 Historical Property Occupants 2
2.3 Acquisition 3
2.4 Groundwater Monitoring Plan 3

3.0 GEOLOGY AND HYDROGEOLOGY 4
3.1 Regional Geology 4
3.1.1 Site Geology 4
3.2 Hydrogeology 4
3.2.1 Site Hydrogeology 4

4.0 GROUNDWATER MONITORING PROGRAM 5
4.1 Groundwater Monitoring Procedures 6
4.2 Equipment Decontamination 6
4.3 Investigative Derived Waste 6

5.0 GROUNDWATER MONITORING RESULTS 6
5.1 Groundwater Elevation and Flow Direction 6
5.1.1 Shallow Groundwater Zone (A Series Wells) 7
5.1.2 Deep Groundwater Zone (B Series Wells) 7
5.2 Water Quality Parameters 7
5.2.1 Shallow Zone Parameters 8
5.2.2 Deep Zone Parameters 8
5.3 Analytical Program 9
5.3.1 Analytical Results – Volatile Organic Compounds 9
5.3.1.1 Shallow Groundwater Zone (A Series Wells) 9
5.3.1.2 Deep Groundwater Zone (B Series Wells) 9
5.4 Quality Assurance / Quality Control 10
5.5 Waste Management 10

6.0 CONCLUSIONS 10

7.0 RECOMMENDATIONS 11

8.0 REFERENCES 12

FIGURES

Figure 1	Site Location Map
Figure 2	Site Vicinity Map and Well Location Map
Figure 3	Groundwater Potentiometric Map
Figure 4	Groundwater Analytical Results

TABLES

Table 1	Existing Monitoring Well Construction Details
Table 2	Groundwater Elevations
Table 3	Groundwater Quality Parameters
Table 4	Groundwater Monitoring Well Sampling Information
Table 5	Groundwater Analytical Results

APPENDICES

Appendix A	Well Purging Logs
Appendix B	VOC Concentration and Hydrograph vs. Time
Appendix C	Analytical Laboratory Report and Chain-of-Custody Record

LIST OF IN-TEXT TABLES

Table 1-1	Property and Site Contact Information	1-2
Table 2-1	Groundwater Monitoring Plan	2-2

LIST OF GENERAL ACRONYMS

AS	Air Sparging
Apex	Apex Companies, LLC
Aramark	Aramark Uniform & Career Apparel, LLC
ASTM	American Society for Testing and Materials
BTEX	benzene, toluene, ethylbenzene, xylenes
BURNS	Burns & McDonnell
CDWR	California Department of Water Resources
CHHSL	California Human Health Screening Levels
COC	chemicals of concern
CVOC	chlorinated volatile organic compound
CPT	cone penetrometer test
cm/s	centimeters per second
°C	degrees Celsius
°F	degrees Fahrenheit
DO	dissolved oxygen
DPT	direct-push technology
DQO	data quality objectives
DRO	diesel range organics
DTSC	Department of Toxic Substance Control
ESRI	Environmental Science Research Institute
FID	flame ionization detection
ft-bgs	feet below ground surface
gpm	gallons per minute
GPR	ground-penetrating radar
GWM	groundwater monitoring well
HASP	health and safety plan
ISCO	in-situ chemical oxidation
J&E	Johnson & Ettinger
$KMnO_4$	Potassium Permanganate
LCSs	laboratory control samples
MSL	mean sea level
MCL	maximum contaminant level
MDLs	method detection limit
mg/Kg	milligrams per kilogram
mg/L	milligrams per liter
µg/Kg	micrograms per kilogram
µg/L	micrograms per liter
$\mu g/m^3$	micrograms per cubic meter
Mil	millimeter
MIP	membrane interface probe
mL	milliliter
MSD	matrix spike duplicate
O&M	operation and maintenance
NPDES	National Pollutant Discharge Elimination System
ORP	oxidation reduction potential
OVA	organic vapor analyzer
PAHs	polycyclic aromatic hydrocarbons
PCE	tetrachloroethene
PID	photo-ionization detector
ppb	parts per billion
ppbV	parts per billion by volume
ppm	parts per million
ppmV	parts per million by volume
psi	pounds per square inch
PVC	polyvinyl chloride
PZ	piezometer
QA/QC	quality assurance / quality control
QAPP	Quality Assurance Project Plan
QCSM	quality control systems manager
QL	quantization limits
RAP	remedial action plan
REC	recognized environmental condition
ROI	radius of influence
RPDs	relative percent differences
RSLs	regional screening levels
RWQCB	Regional Water Quality Control Board
scfm	standard cubic foot per minute
SCM	Site Conceptual Model
SES	Specialty Earth Sciences, LLC
SOP	standard operating procedures
SSL	soil screening level
SVE	soil vapor extraction
SVOC	semivolatile organic compound
TCE	trichloroethene
TOC	total organic carbon
TPH	total petroleum hydrocarbons
TSI	targeted site investigation
USCS	Unified Soil Classification System
USEPA	United States Environmental Protection Agency
USN	United States Navy
USGS	United States Geological Survey
UST	underground storage tank
VEW	vapor extraction well
VOC	volatile organic compound
WDR	Waste Discharge Requirements

1.0 INTRODUCTION

On behalf of Aramark Uniform & Career Apparel, LLC (Aramark), Apex Companies, LLC (Apex) has prepared this Fourth Quarter 2018 Groundwater Monitoring Report for the Former Welch's Uniform Facility property, located at 3505 Pasadena Avenue, Los Angeles, California (Site, Property, or Subject Property).

In January 2018, Aramark completed the acquisition of Ameripride Uniform Services (AmeriPride). AmeriPride was the responsible party associated with the subject property (Former Welch's Uniform). With Aramark's acquisition of AmeriPride, Aramark has now assumed environmental responsibility for the Former Welch's Uniform facility property. During an introduction meeting on September 5, 2018, between Aramark, the Department of Toxic Substance Control (DTSC), and Apex, the DTSC requested a groundwater monitoring plan for the seven (7) existing monitoring wells related to the subject property. In a letter dated September 14, 2018, Apex, on behalf of Aramark, proposed the current Groundwater Monitoring Plan. The plan consists of three (3) quarterly groundwater monitoring events that will be reduced to semiannual events in 2019. This groundwater report is the first of the three (3) quarterly monitoring events.

1.1 Physical Setting

The Site consists of an approximate 2.6-acre, vacant parcel located in a mixed residential and industrial area of Los Angeles, California. Based on the USGS Los Angeles Quadrangle Map (USGS, 1994), the elevation of the Site is approximately 366 feet above mean sea level (msl). The Site is located approximately 3.5 miles northeast of downtown Los Angeles near the confluence of the Los Angeles River and Arroyo Seco Channel (Figure 1, *Site Location Map*).

1.2 Property Information

The following table summarizes the property and site contact information.

Table 1-1
Property and Site Contact Information

Subject	Information
DTSC Property Reference Name Facility Address	Former Welch's Uniform Facility 3505 N. Pasadena Avenue, Los Angeles, California 90031
Regulatory Agency DTSC Case Manager CalStars Site Code	Department of Toxic Substance Control (DTSC) Ms. Lori Parnass 301314-11

Subject	Information
Site Owner Site Owner Mailing Address Aramark Site Contact	Aramark Uniform and Career Apparel, LLC 115 North First Street Burbank, California, 91502 Mr. Doug Helmstetler
Environmental Contractor Apex Mailing Address Apex Contact	Apex Companies, LLC 1962 Freeman Avenue Signal Hill, California, 90755 Mr. Andrew Drummond, PG
Current Site Use	Vacant
LA County Assessor Parcel Number	5205-004-010
Latitude and Longitude	34° 5' 9" N (34.0859° N) and 118° 12' 48" W (118.2131° W)

2.0 *BACKGROUND*

2.1 Property Description

The Subject Property is located at 3505 Pasadena Avenue, in Los Angeles, California and is composed of a single parcel of land identified by the Los Angeles County Office of the Assessor as Parcel No.: 5205-004-010. The Property is currently vacant and available for sale through Aramark's Real Estate Department. Currently, the Property is entirely enclosed with fencing with entry from Pasadena Avenue at the intersection of E. Avenue 35 through a double gate, which is chained and locked. The Subject Property is relatively flat with a very shallow gradient to the west.

2.2 Historical Property Occupants

According to previous reports (Removal Action Work Plan (RAW), 2012), uniform laundry services have operated on portions of the Property preceding circa the 1920s. The 1920 Sanborn Map identifies a business at 119 W. Avenue 35 (located in approximately the northwest portion of the current Site) as being the location of Pacific Laundry, a uniform laundry.

The City Directory Abstract listed Welch's Uniform Laundry Company as being established at 3505 Pasadena Avenue in 1924 and continues to list various uniform cleaning and linen supply business carrying Welch's name up through the year 2000. Laundry activities associated with the Former Welch's Facility included receiving, sorting, fresh-water washing, dry-cleaning, tailoring, pressing, and the shipping of work uniforms, linens, and towels to industrial and commercial businesses, schools, and hospitals.

2.3 Acquisition

In January 2018, Aramark completed the acquisition of Ameripride Uniform Services (AmeriPride). AmeriPride was the responsible party associated with the Subject Property (Former Welch's Uniform). With Aramark's acquisition of AmeriPride, Aramark has now assumed the environmental responsibility of the Former Welch's Uniform facility's property.

2.4 Groundwater Monitoring Plan

During a meeting on September 5, 2018, between Aramark, the Department of Toxic Substance Control (DTSC), and Apex, the DTSC requested a groundwater monitoring plan for the seven (7) remaining monitoring wells associated with the Subject Property. In a letter dated September 14, 2018, Apex, on behalf of Aramark, proposed a Groundwater Monitoring Plan, summarized on the following table (Table 2-1, *Groundwater Monitoring Plan*).

Table 2-1
Groundwater Monitoring Plan

Wells Sampled	Frequency and Duration		
	4th Q 2018 – 2nd Q 2019	4th Q 2019 – 2nd Q 2021	2nd Q 2022
MW-3	Quarterly	Semiannual	Annual
MW-9A	Quarterly	Semiannual	Annual
MW-9B	Quarterly	Semiannual	Annual
MW-10A	Quarterly	Semiannual	Annual
MW-10B	Quarterly	Semiannual	Annual
MW-15	Quarterly	Semiannual	Annual
MW-16A	Quarterly	Semiannual	Annual
GWM Events	3 Quarterly Events	4 Semiannual Events	1 Annual Event

Reports will be submitted to DTSC by the 30th of each month following the end of the sampling quarter.
This monitoring plan may be amended and/or modified based upon continued trend analysis.

3.0 GEOLOGY AND HYDROGEOLOGY

3.1 Regional Geology

The Subject Property and vicinity is located along the northern edge of the Central Block of the Los Angeles Basin, which lies in the Peninsular Range geomorphic province of southern California (CDWR, 1961). The Los Angeles Basin is an active structural depression that is bounded by the Santa Monica Mountains to the northwest, the Whittier Fault to the northeast, the San Joaquin Hills to the southeast, and the Newport-Inglewood Fault Zone to the southwest. The Central Block is a wedge-shaped portion of the Los Angeles Basin about 55 miles long that extends from the Santa Monica Mountains at the northwest toward, and including, the San Joaquin Hills at the southeast, and widens from about 10 miles at the northwest to more than 20 miles at the southeast. This geomorphic province is characterized by elongated northwest-trending mountain ridges separated by straight-sided, sediment-floored valleys (Yerkes, 1965).

The Former Welch's Uniform property is located at the west end of the Repetto Hills near the convergence of the Arroyo Seco Channel and the Los Angeles River. The sediments that underlie the area have been identified as Quaternary alluvial stream channel deposits consisting of unconsolidated silts, sands, and gravels. The sedimentary rock that underlies the Site is Puente Formation sandstone and is of Tertiary age. The Site is situated immediately over the Elysian Park Anticline which extends between the Elysian Hills to the west and the Repetto Hills to the east (CDMG, 1970). The Elysian Park Fault is located approximately ½-mile south-southwest of the Site. The Fault runs roughly parallel to the Elysian Park Anticline and exhibits upthrown strata on the south side of the fault line (CDMG, 1970).

3.1.1 Site Geology

Soils encountered during previous drilling from the surface to a depth of approximately 70 feet bgs included gravels and fine to coarse-grained sand. Generally, a fill material consisting of fine to coarse sand has been encountered from the surface to between 5 and 10 feet bgs. A soil horizon consisting of interbedded lenses of silty clay, clayey silt, and fine-grained sand is encountered between 68 and 83 feet bgs. This is underlain by medium to course-grained sand to a depth of approximately 93 feet bgs. Based on the physical description of the sand below 83 feet bgs and regional geology, the sand below 83 feet represents the Puente Formation sandstone.

3.2 Hydrogeology

According to information previous reports, the Site is located in the northernmost portion of the Downey Plain in the Los Angeles Basin at the southwestern end of the Arroyo Seco Watershed and near the confluence of the Los Angeles River and Arroyo Seco Channel. The Arroyo Seco Watershed, a sub-watershed of the Los Angeles River Watershed, stretches 22 miles from its headwaters in the San Gabriel Mountains to its confluence with the Los Angeles River. The Arroyo Seco Channel borders the northwest Site boundary, at this location the Arroyo Seco is a concrete-lined drainage channel with an elevation that is approximately 30 feet below the grade elevation of the Site. The mean flow in the Arroyo Seco where it enters the Los Angeles River ranges between a low of 11.6 cubic feet per second (cfs) in July to a high of 252 cfs in February (USACE, 2005).

3.2.1 Site Hydrogeology

The Site is located at the Los Angeles Narrows where the Los Angeles River enters the Central Basin from the San Fernando Groundwater Basin and where the Arroyo Seco Channel enters the Los Angeles River. The Arroyo Seco Channel conveys intermittent flow from the Arroyo Seco Watershed but is not interconnected with any named upgradient groundwater basin. Regional groundwater information (CDWR, 1961) and previous subsurface investigations indicate that the first water bearing zone beneath the Site is the Gaspur Aquifer at about 35 feet bgs. In the area of the Site, the Gaspur aquifer is approximately 60 feet thick, generally unconfined, characterized by transmissivities on the order of 250,000-gallons per day per foot, and is reportedly underlain by non-water bearing sedimentary rocks (CDWR, 1961). Groundwater in the Gaspur aquifer in the vicinity of the Site is not used as a water supply source. According to the USGS, the regional groundwater gradient in the area is to the south-southwest (USGS, 2003). The local groundwater gradient at the Site has also consistently been to the southwest.

4.0 GROUNDWATER MONITORING PROGRAM

Groundwater monitoring was initiated at the Former Welch's Uniform Facility in 1989, since this initiation date, regular groundwater monitoring events have been conducted by previous contractors with monitoring reporting being submitted on behalf of AmeriPride to the DTSC.

The recent quarterly groundwater monitoring event was conducted at the Subject Property on December 4, 2018, which fulfills the quarterly monitoring requirement for the Fourth Quarter 2018. The monitoring program included the measurement of groundwater levels and collection of groundwater samples for laboratory analysis. The monitoring program objectives are to evaluate groundwater flow direction and gradient (horizontal) in the shallow groundwater monitoring zone and to evaluate the distribution of chemicals of concern (COC), primarily chlorinated volatile organic compounds (CVOCs) consisting of tetrachloroethene (PCE), trichloroethene (TCE), and cis-1,2-dichloroethene (cis-1,2-DCE) in each of the monitoring zones (shallow (A) and deep (B)).

To meet these objectives of the groundwater monitoring program, a total of seven (7) wells were monitored, which are located both on-site (6 wells) in addition to one (1) downgradient off-site well. These wells were monitored in accordance with the monitoring program (Figure 2, *Site Vicinity and Well Location Map;* Table 1, *Existing Monitoring Well Construction Details*).

During the Fourth Quarter 2018 monitoring event, groundwater levels and samples were collected from seven monitoring wells in the sampling program, (five shallow and two deep screened wells). The following identification is utilized to distinguish each of the groundwater zones:

- A Series Wells: Shallow Zone (MW-3, MW-9A, MW-10A, MW-15 (offsite well), and MW16A)
- B Series Wells: Deep Zone (MW-9B and MW-10B)

4.1 Groundwater Monitoring Procedures

Apex contracted Blaine Tech Services, Inc., (Blaine Tech) located in Los Angeles, CA to conduct the groundwater monitoring event. During groundwater monitoring and prior to collecting groundwater samples, Blaine Tech measured the depth to static groundwater in each monitoring well with an electronic water-level indicator. All wells were then purged and sampled in accordance with low-flow and minimal drawdown sampling protocols.

During the purging of the wells, water-quality parameters consisting of temperature, pH, electrical conductivity, dissolved oxygen (DO), oxidation reduction potential (ORP) and turbidity were measured with a field instrument and recorded on field purge logs. A groundwater sample was collected after the water-quality parameters had stabilized based on low flow methodology (Appendix A, *Well Purging Logs*).

Once the water-quality parameters had stabilized or a sufficient number of water quality parameters were measured and recorded, a groundwater sample was collected using new tubing connected to the submersible pump. Following sample collection, Blaine Tech labeled and placed each water sample in a chilled ice chest pending transportation to the analytical laboratory. All samples were relinquished under standard chain-of-custody protocols to Eurofins Calscience, a state-certified laboratory, located in Garden Grove, California.

4.2 Equipment Decontamination

The equipment utilized during the groundwater monitoring event was decontaminated between each consecutive usage. Groundwater sampling equipment was washed in a dilute tri-sodium phosphate solution, rinsed with potable water, and final rinsed with distilled water between each sampling location.

4.3 Investigative Derived Waste

The groundwater extracted from the wells was contained in a single 55-gallon Department of Transportation (DOT)-approved steel drum. During purging, an average of 3 liters (L) of water were purged from each well, totaling 22.2 L (5.9 gallons) for all 7 wells. The drum was labeled and stored on-site pending profiling, manifesting, and transportation to an off-site recycling facility for disposal. Apex will include the manifest in the next quarterly monitoring report.

5.0 GROUNDWATER MONITORING RESULTS

This section of the report summarizes the data collected during the Fourth Quarter 2018 groundwater monitoring event from the seven (7) monitoring wells.

5.1 Groundwater Elevation and Flow Direction

The groundwater elevation was calculated by subtracting the depth to groundwater from the elevation of the top of the casing at each well in each of the groundwater zones. Groundwater elevation data was plotted on the site plans of each zone and groundwater contours were created to estimate the groundwater flow direction and horizontal gradient in the "A" series wells. The horizontal hydraulic gradient is defined as the slope of the water table. It is calculated by taking the

change in groundwater elevation over the change in distance between monitoring wells or lines of equal potential (Table 2, *Groundwater Elevations)*.

5.1.1 Shallow Groundwater Zone (A Series Wells)

Groundwater levels ranged in the shallow zone from 36.95 feet below top of casing (ft-TOC) in monitoring well MW-16A to 42.31 ft-TOC in monitoring well MW-10A. Groundwater elevations ranged from 314.18 feet below mean sea level (ft MSL) in monitoring well MW-15 to 329.00 ft MSL in well MW-3.

Based on an evaluation of the potentiometric map generated from the groundwater elevations, the groundwater flow direction in the shallow groundwater zone flows to the southwest with an estimated horizontal hydraulic gradient of approximately 0.011 during this monitoring event (Figure 3, *Groundwater Potentiometric Map*). The groundwater flow direction and gradient are consistent with the historical monitoring events.

5.1.2 Deep Groundwater Zone (B Series Wells)

Groundwater levels ranged in the deep monitoring zone from 39.80 ft-TOC in monitoring well MW-9B to 41.72 ft-TOC in monitoring well MW-10B. Groundwater elevations ranged from 325.18 ft MSL in monitoring well MW-10B to 326.76 ft MSL in well MW-9B. Since these wells are directly adjacent, groundwater contours or gradient was not calculated.

5.2 Water Quality Parameters

During purging activities, water-quality parameters consisting of temperature, pH, electrical conductivity (Ec), oxidation reduction potential (ORP), dissolved oxygen (DO), and turbidity were measured at regular intervals and recorded on field purging logs. Since this is the first quarterly monitoring event conducted by Apex, water-quality parameter trends have not been established for the groundwater zones. The following briefly describes the water-quality parameters that are measured during groundwater monitoring events.

- pH is a measure of the acidity or alkalinity of a solution, numerically equal to seven for neutral solutions. In general, groundwater may range from six to eight standard units.
- Temperature (degrees Celsius (˚C)) is typically measured during groundwater monitoring to establish a baseline temperature of groundwater over time and seasonally.
- Ec (micro-Siemens per centimeter (μS/cm)) is a measure of a solution to conduct electricity. The conductivity of groundwater is directly related to the concentration of ions in groundwater. In general, conductivity increases as ion concentration increases.
- ORP (millivolts (mV)) is the measure of electron activity and is an indicator of the relative tendency of a solution to accept or transfer electrons. The ORP of groundwater generally ranges from -400 to +600 mV. In general, the lower the ORP of groundwater, the more reducing the system, and the more likely that reductive dechlorination will be efficient.
- DO (micrograms per liter (mg/L)) is the measure of dissolved oxygen content in water and related to the ORP. In general, contaminants that induce an oxygen demand in water will reduce the DO.
- Turbidity (nephelometric turbidity units (NTUs)) is a measure of the suspended particulate matter in the water and

an indicator of pumping stress on the formation. In general, a turbidity of less than 5 NTUs is preferable prior to the collection of a groundwater sample.

The following briefly summarizes the water-quality parameters. The purge logs are provided as Appendix A and a summary of the water-quality parameters are provided as Table 3, Groundwater Quality Parameters.

5.2.1 Shallow Zone Parameters

- A review of the purge logs indicates that the average pH measured during purging activities in A Series Wells was 6.85, indicating near neutral conditions. Additional pH data is required to establish the trend of pH in the shallow groundwater zone.
- A review of the purge logs indicates that the average temperature measured during purging activities in A Series Wells was 22.4 ˚C (72.3 degrees Fahrenheit (˚F)). Additional temperature data is required to establish the trend of seasonal temperature in the shallow groundwater zone.
- A review of the purge logs indicates that the average Ec measured during purging activities in A Series Wells was 1,695 µS/cm (0.1695 siemens per meter (S/M)). Additional Ec data is required to establish a water-quality trend.
- A review of the purge logs revealed the shallow zone wells resulted in averaged negative ORP measurements of -41.18 mV, indicating a reducing potential. Groundwater samples from these wells also revealed decreasing concentrations of VOCs indicating active natural attenuation. Additional ORP data is required to establish a reducing trend.
- A review of the purge logs indicates that the average DO measured during purging activities in A Series Wells was 2.32 mg/L. The lowered DO in combination with ORP data supports that active natural attenuation is potential supporting the decreasing VOC trends. However, additional DO data is required to establish a trend and correlation.

5.2.2 Deep Zone Parameters

- A review of the purge logs indicates that the average pH measured during purging activities in B Series Wells was 7.02, indicating neutral conditions. Additional pH data is required to establish the trend of pH in the deep groundwater zone.
- A review of the purge logs indicates that the average temperature measured during purging activities in B Series Wells was 22.5 ˚C (72.5 degrees Fahrenheit (˚F)). Additional temperature data is required to establish the trend of seasonal temperature in the deeper groundwater zone.
- A review of the purge logs indicates that the average Ec measured during purging activities in B Series Wells was 1,786 µS/cm (0.1786 S/M). Additional Ec data is required to establish a water-quality trend.
- A review of the purge logs revealed that the two B Series Wells, MW-9B and MW-10B, resulted in relatively low ORP measurements, indicating an overall reducing potential.
- A review of the purge logs indicates that the average DO measured during purging activities in B Series Wells was 1.53 mg/L. Additional DO data is required to establish a trend and correlation.

5.3 Analytical Program

The groundwater samples were analyzed for VOCs in accordance with U.S. Environmental Protection Agency (USEPA) Method 8260B (Table 4, *Groundwater Monitoring Well Sampling Information*).

5.3.1 Analytical Results – Volatile Organic Compounds

The following sections summarize the analytical results for VOCs detected in each groundwater zone and the analytical results are summarized in Table 5*, Groundwater Analytical Results* and Figure 4*, Groundwater Analytical Results.* Groundwater trend graphs for the seven (7) active groundwater monitoring wells are provided as Appendix B, *VOC Concentration and Hydrograph vs. Time*. The *Analytical Laboratory Report and Chain-of-Custody Record* are provided as Appendix C.

5.3.1.1 Shallow Groundwater Zone (A Series Wells)

The following summarizes the analytical results of VOCs detected in the shallow groundwater zone.

- PCE was not detected (<1.0 micrograms per liter (µg/L)) in two (2) on-site wells, MW-3 and MW-10A. The reported PCE concentrations in the three (3) remaining shallow wells ranged from 5.1 (MW-3) to 11 µg/L (MW-16A).
- TCE was not detected (<1.0 µg/L) in one on-site well MW-3, and below the California Maximum Contaminant Levels (MCLs) in three wells (MW-9A, MW-10A, and MW-15). The reported TCE concentration of 5.1 µg/L was detected in one well MW-16A, which is slightly greater than the CA MCL of 5.0 µg/L.
- Cis-1,2-Dichloroethene (Cis-1,2-DCE) was not detected (<1.0 µg/L) in a groundwater sample collected from one shallow-zone monitoring well MW-3 and below the CA MCL of 6.0 µg/L in MW-15. Concentrations ranged from 8.3 µg/L in MW-10A to 32 µg/L in MW-9A.
- Other VOCs were not detected in any of the groundwater samples from the shallow monitoring wells.

5.3.1.2 Deep Groundwater Zone (B Series Wells)

The following summarizes the laboratory results of VOC analyses of the two-deep groundwater zone.

- PCE was not detected (<1.0 µg/L) in both on-site deep zone wells MW-9B and MW-10B.
- TCE was not detected (<1.0 µg/L) in well MW-9B and was slightly above the laboratory's reporting limit (RL) MW-10B at a concentration of 1.1 µg/L, which is below the CA MCL for TCE.
- Cis-1,2-Dichloroethene (Cis-1,2-DCE) was not detected (<1.0 µg/L) in well MW-9B and below the CA MCL for Cis-1,2-DCE in well MW-10B.
- Other VOCs were not detected in any of the groundwater samples from these two monitoring wells.

5.4 Quality Assurance / Quality Control

Two QA/QC samples were submitted to the laboratory for analysis during this quarter of groundwater monitoring. Sample DUP1 was a duplicate water sample of MW-15 and sample TB-01 was a trip blank. The laboratory reported a similar

concentration of the chemicals detected in the groundwater sample from MW-15 and the duplicate sample DUP1. The laboratory reported no detectable compounds in the trip blank.

6.0 CONCLUSIONS

- Groundwater monitoring and sampling activities were conducted on December 4, 2018.
- Results of the groundwater measurements are generally consistent with historical water levels.
- The flow direction and horizontal gradient in the shallow zone (A Series Wells) is to the southwest with an estimated horizontal gradient of 0.010. The flow direction was not calculated in the deep groundwater zone (B Series Wells) since these wells are located directly adjacent to each other.
- ORP and DO water quality measurements indicating active natural attenuation is potentially occurring.
- VOC distribution is adequately defined in the shallow zone.
    - PCE concentrations detected in shallow groundwater wells ranged from non-detect to a maximum concentration of 11 µg/L (MW-16A).
    - TCE concentrations detected in shallow groundwater wells ranged from non-detect to a maximum concentration of 5.4 µg/L (MW-16A), which is slightly above the CA MCL for drinking water.
    - Cis-1,2-DCE concentrations detected in shallow groundwater wells ranged from non-detect to a maximum concentration of 32 µg/L (MW-9A).
- VOC distribution is adequately defined in the deep zone.
    - PCE was not detected in either of the two-deep zone groundwater monitoring wells.
    - TCE concentrations detected in the deep groundwater wells are either non-detect or below the CA MCL for drinking water.
    - Cis-1,2-DCE concentrations detected in the deep groundwater wells are either non-detect or below the CA MCL for drinking water.

7.0 RECOMMENDATIONS

Based on the analytical results, water quality parameters, observations, and water levels from the groundwater monitoring events, Apex makes the following recommendations:

- Continued quarterly groundwater monitoring in the shallow and deep groundwater zones pursuant to the groundwater monitoring program.

- Measuring depth to groundwater in all groundwater monitoring wells during each monitoring event to establish groundwater flow and gradients.
- Continue to measure and establish ORP and DO trends to evaluate natural attenuation.

8.0 REFERENCES

California Department of Water Resources (CDWR), 1961, *Bulletin 104, Planned Utilization of the Ground Water Basins of the Coastal Plain of Los Angeles – Appendix A* (June 1961).

California Division of Mines and Geology (CDMG), 1970, *Geology of the Elysian Park-Repetto Hills Area, Los Angeles County, California. Special Report 101* (AECOM, 2008), *Final Additional Site Characterization and Baseline Health Risk Assessment Workplan, Former Welch's Uniform Facility, 3505 Pasadena Avenue, Los Angeles, California*; AECOM (May 2008).

(SSAR), *Supplemental Site Assessment Report and Site Conceptual Model Update, Former Welch's Uniform Facility, 3505 Pasadena Avenue, Los Angeles, California* AECOM (September 2007).

(BHRA), *Final Additional Site Characterization and Baseline Health Risk Assessment Report, Former Welch's Uniform Facility, 3505 Pasadena Avenue, Los Angeles, California* AECOM (May 2010).

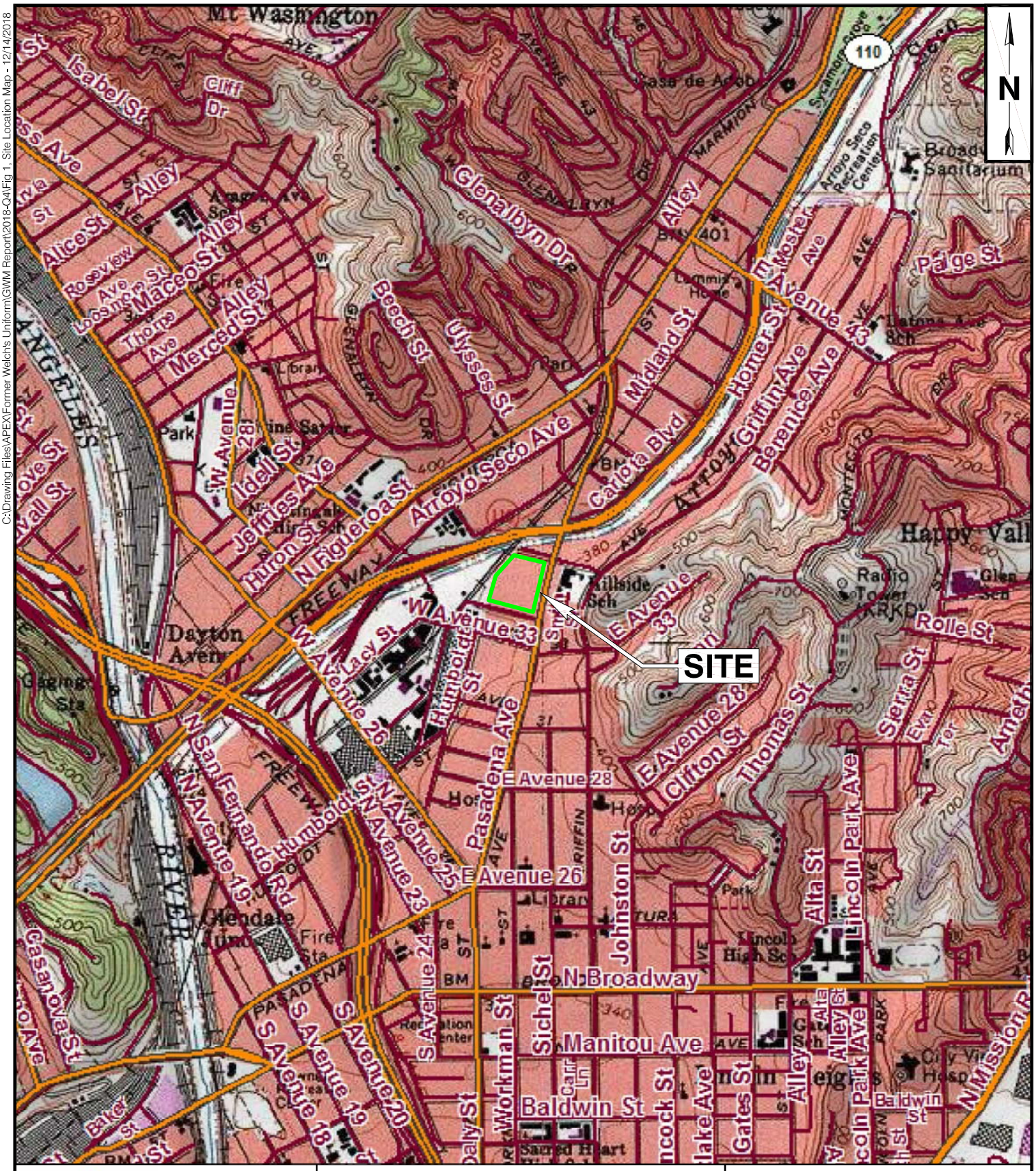
U.S. Army Corp of Engineers (USACE), 2005, Arroyo Seco Watershed Management Study, Feasibility Phase Project Management Plan, Los Angeles, California (May 2005).

Yerkes, et.al., 1965, *Geology of the Los Angeles Basin California – an Introduction.* Geological Survey Professional Paper 420-A (1965).

(RAW), Removal Action Work Plan, Former Welch's Uniform Facility, 3505 Pasadena Avenue, Los Angeles, California (October 2012).

FIGURES

C:\Drawing Files\APEX\Former Welch's Uniform\GWM Report\2018-Q4\Fig 1. Site Location Map - 12/14/2018



APEX

Apex Companies, LLC
1962 Freeman Avenue
Signal Hill, CA 90755
P: (562) 597-1055
F: (562) 597-1070

0 0.25 0.50

APPROXIMATE SCALE IN MILES

EXPLANATION

Site Location

REFERENCE LOCATION

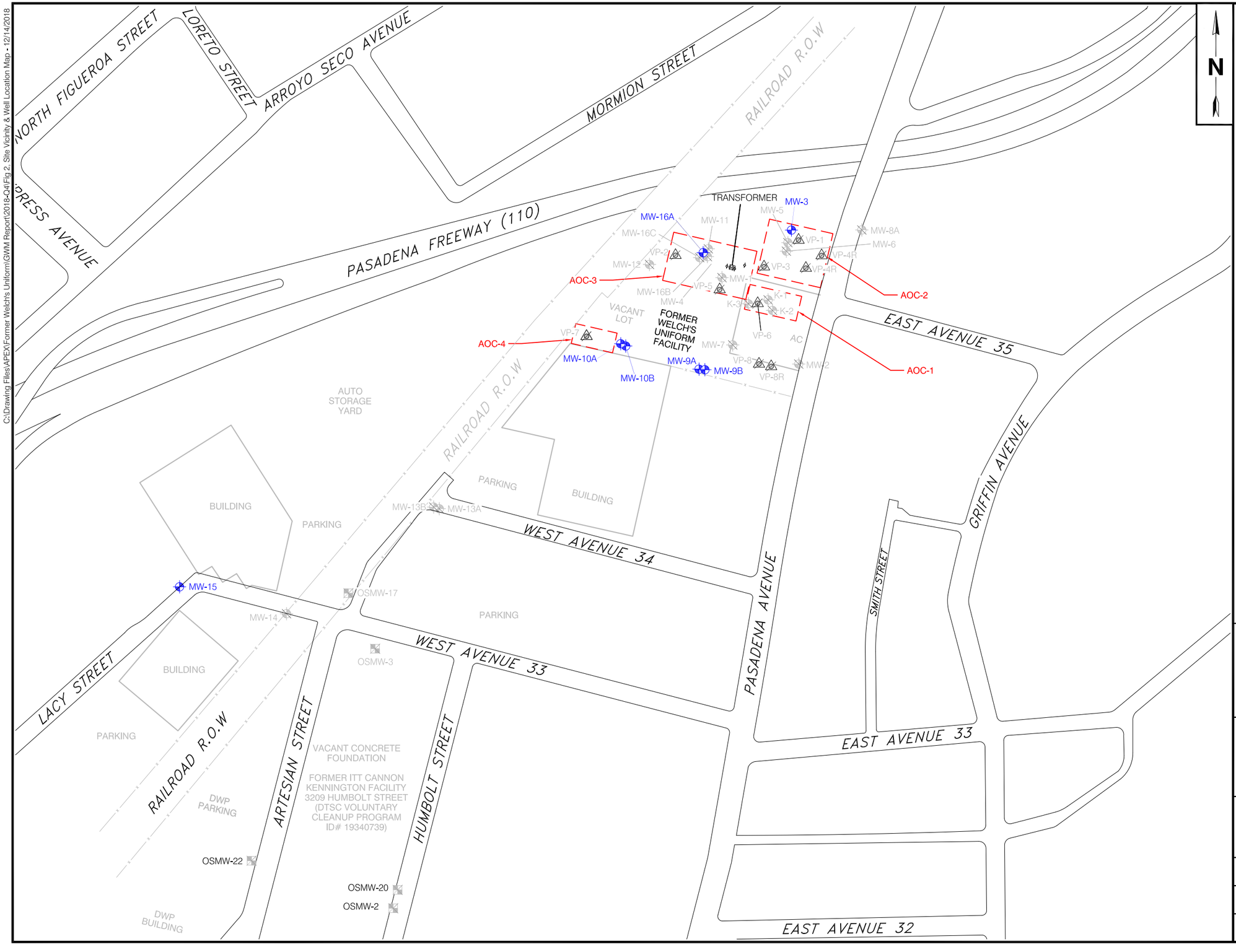
Map Source: 7.5 Map Series Topographic Quadrangle Map, Los Angeles, CA - 1991, Photorevised 1994

SITE LOCATION MAP

Former Welch's Uniform
3505 Pasadena Avenue
Los Angeles, California

Checked By	Project Number	Figure
AD	091-AMP-5.01	1
Drafter	Date	
CM	12/14/2018	

C:\Drawing Files\APEX\Former Welch's Uniform\GWM Report\2018-04\Fig 2. Site Vicinity & Well Location Map - 12/14/2018



EXPLANATION BLOCK

MW-16A	Active Monitoring Well
MW-16C	Abandoned/Decommissioned Monitoring Well
OSMW-17	Offsite Monitoring Well (Approximate Locations. Not Owned by Ameripride)
VP-8	Soil Vapor Point (Decommissioned December 2016)
	Surveyed Power Poles
AOC-1	Former Motor Vehicle Fueling Area
AOC-2	Former Dry Cleaning Area
AOC-3	Former Driveway Area
AOC-4	Southwest Corner of Site

Notes:

Offsite monitoring wells not owned by Ameripride

Base Map Sources:

- Google Earth, Image Date 3/27/2017
- Burns McDonnell Figure 2, Groundwater Monitoring Well Locations, January 3, 2017

0 200 400

APPROXIMATE SCALE IN FEET

APEX

Apex Companies, LLC
1962 Freeman Avenue, Signal Hill, CA 90755
P: (562) 597-1055 - F: (562) 597-1070

SITE VICINITY AND WELL LOCATION MAP

Project
Former Welch's Uniform
3505 Pasadena Avenue
Los Angeles, California

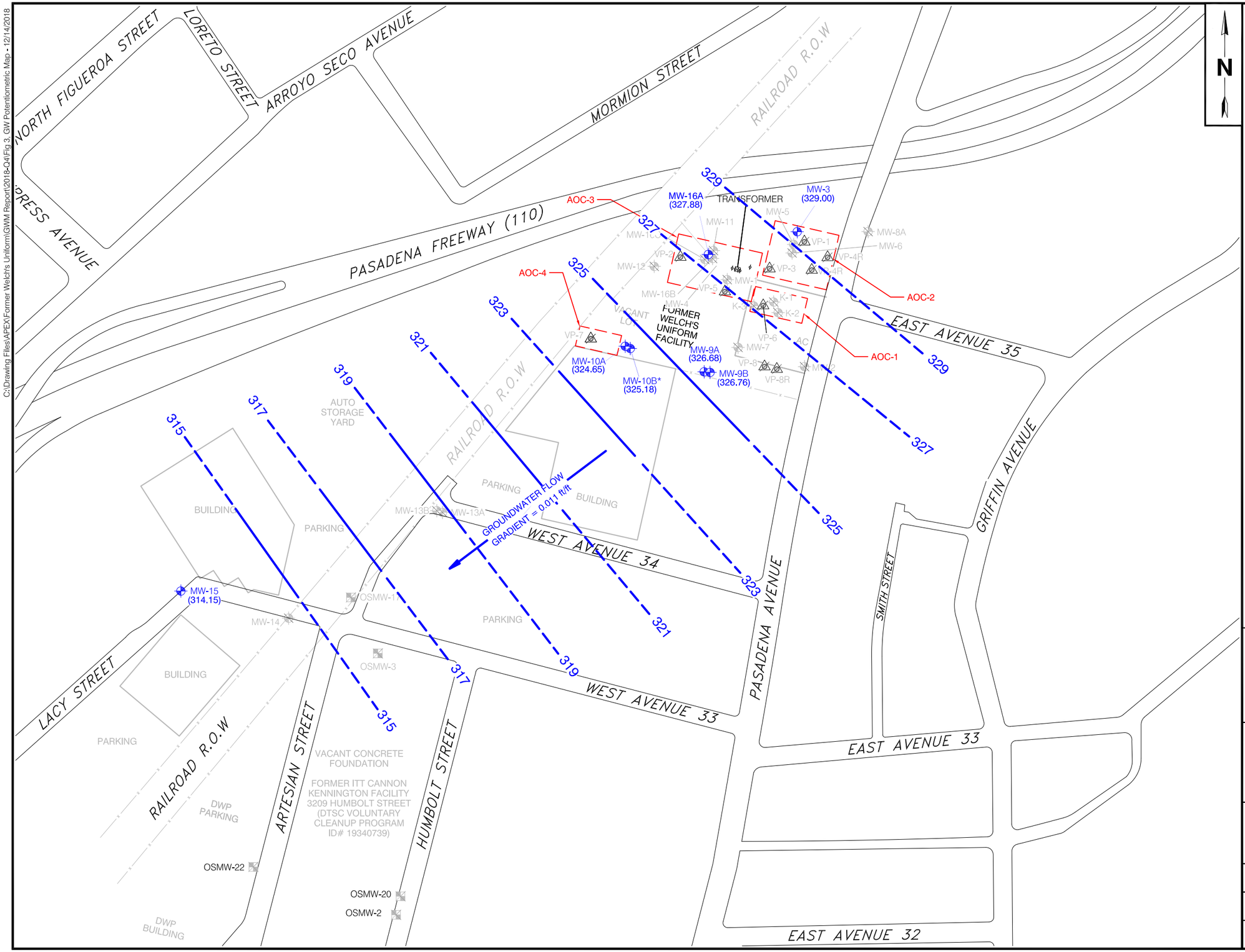
Date
December 14, 2018

Project Number
091-AMP-5.01

Figure
2

PE/PG	PM	Drafter
AD	AD	CM

C:\Drawing Files\APEX\Former Welch's Uniform\GWM Report\2018-Q4\Fig 3. GW Potentiometric Map - 12/14/2018



EXPLANATION BLOCK

- MW-16A (327.88) — Active Monitoring Well
- MW-16C — Abandoned/Decommissioned Monitoring Well
- OSMW-17 — Offsite Monitoring Well (Approximate Locations. Not Owned by Ameripride)
- VP-8 — Soil Vapor Point (Decommissioned December 2016)
- Surveyed Power Poles
- Former Motor Vehicle Fueling Area
- AOC-1 — Former Dry Cleaning Area
- AOC-2 — Former Driveway Area
- AOC-3 — Southwest Corner of Site
- AOC-4 — Groundwater Contour (Mean Sea Level) Dashed where inferred
- 329 — Apparent Groundwater Flow Direction Gradient = 0.011 ft/ft

Notes:

* Not used for contour

Offsite monitoring wells not owned by Ameripride

Base Map Sources:

- Google Earth, Image Date 3/27/2017
- Burns McDonnell Figure 2, Groundwater Monitoring Well Locations, January 3, 2017

0 200 400

APPROXIMATE SCALE IN FEET

APEX

Apex Companies, LLC
1962 Freeman Avenue, Signal Hill, CA 90755
P: (562) 597-1055 - F: (562) 597-1070

GROUNDWATER POTENTIOMETRIC MAP

Project
Former Welch's Uniform
3505 Pasadena Avenue
Los Angeles, California

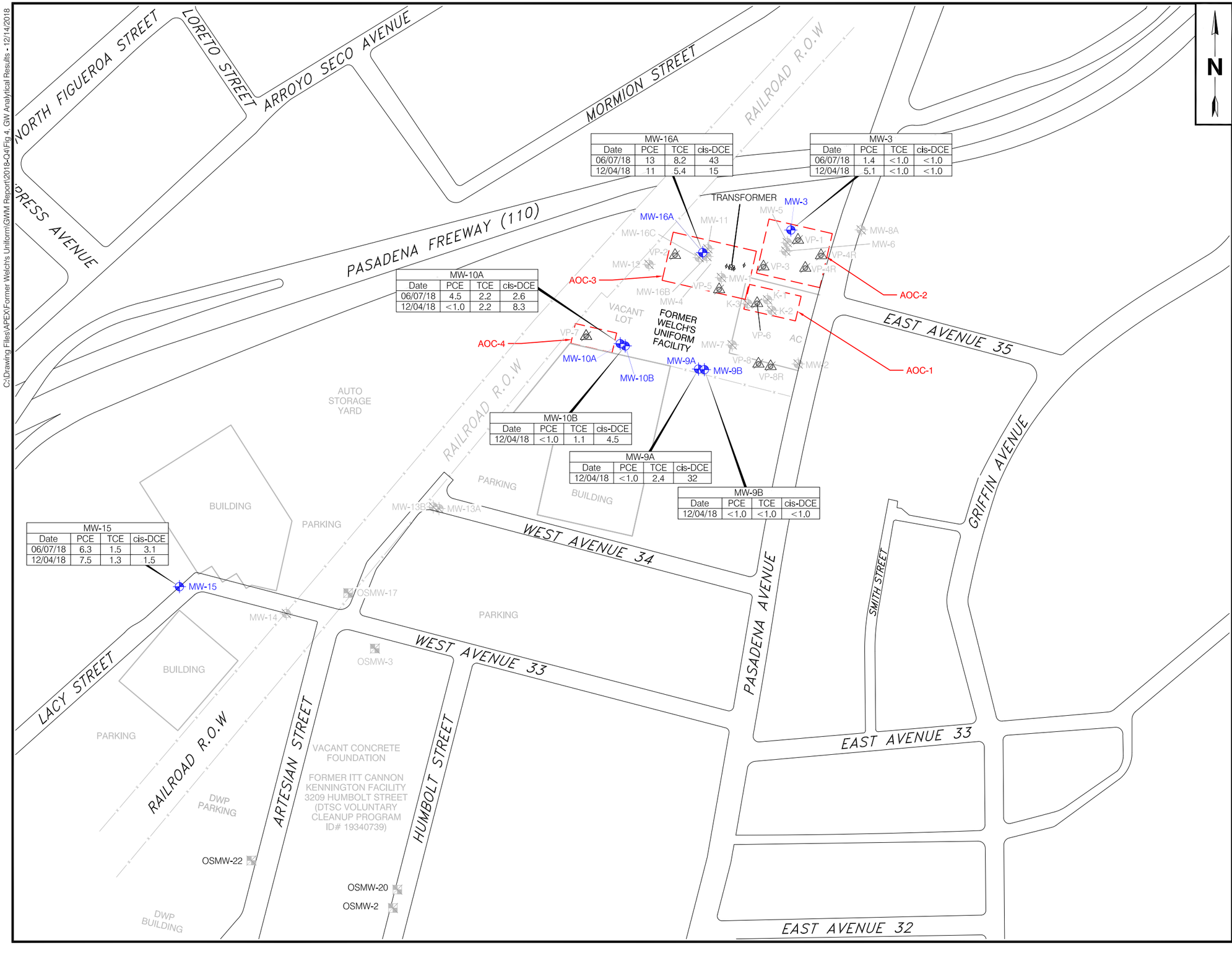
Date
December 14, 2018

Project Number
091-AMP-5.01

Figure
3

PE/PG	PM	Drafter
AD	AD	CM

C:\Drawing Files\APEX\Former Welchs Uniform\GWM Report\2018-Q4\Fig 4_GW Analytical Results - 12/14/2018



MW-16A			
Date	PCE	TCE	cis-DCE
06/07/18	13	8.2	43
12/04/18	11	5.4	15

MW-3			
Date	PCE	TCE	cis-DCE
06/07/18	1.4	<1.0	<1.0
12/04/18	5.1	<1.0	<1.0

MW-10A			
Date	PCE	TCE	cis-DCE
06/07/18	4.5	2.2	2.6
12/04/18	<1.0	2.2	8.3

MW-10B			
Date	PCE	TCE	cis-DCE
12/04/18	<1.0	1.1	4.5

MW-9A			
Date	PCE	TCE	cis-DCE
12/04/18	<1.0	2.4	32

MW-9B			
Date	PCE	TCE	cis-DCE
12/04/18	<1.0	<1.0	<1.0

MW-15			
Date	PCE	TCE	cis-DCE
06/07/18	6.3	1.5	3.1
12/04/18	7.5	1.3	1.5

N

EXPLANATION BLOCK

- MW-16A — Active Monitoring Well
- MW-16C — Abandoned/Decommissioned Monitoring Well
- OSMW-17 — Offsite Monitoring Well (Approximate Locations. Not Owned by Ameripride)
- VP-8 — Soil Vapor Point (Decommissioned December 2016)
- Surveyed Power Poles
- AOC-1 — Former Motor Vehicle Fueling Area
- AOC-2 — Former Dry Cleaning Area
- AOC-3 — Former Driveway Area
- AOC-4 — Southwest Corner of Site

Notes:
cis-DCE - cis-1,2-Dichloroethene
PCE - Tetrachloroethene
TCE - Trichloroethene
All values shown in micrograms per liter (µg/L)
Offsite monitoring wells not owned by Ameripride

Base Map Sources:
- Google Earth, Image Date 3/27/2017
- Burns McDonnell Figure 2, Groundwater Monitoring Well Locations, January 3, 2017

0 200 400
APPROXIMATE SCALE IN FEET

APEX
Apex Companies, LLC
1962 Freeman Avenue, Signal Hill, CA 90755
P: (562) 597-1055 - F: (562) 597-1070

GROUNDWATER ANALYTICAL RESULTS

Project
Former Welch's Uniform
3505 Pasadena Avenue
Los Angeles, California

Date
December 14, 2018

Project Number
091-AMP-5.01

Figure
4

PE/PG	PM	Drafter
AD	AD	CM

TABLES

Table 1
Existing Monitoring Well Construction Details
Former Welch's Uniform
3505 Pasadene Avenue, Los Angeles, California

Well ID	Date Installed	Top of casing Elevation (ft msl)	Borehole Diameter (in)	Casing Diameter (in)	Slot Size (in)	Screen Interval (ft bgs)	Sand Pack (ft bgs)	Blank Interval (ft bgs)	Seal Interval (ft bgs)	Surface Seal Interval (ft bgs)	Notes
MW-3	12/7/88	366.76	10	4	0.02	24-69	22-69	0-24	19-22	1-19	Retrofit well monument-5/31/06
MW-9A	11/6/89	363.81	10	4	0.02	29-59	26-59	0-29	24-26	1-24	
MW-9B	11/7/89	363.76	10	4	0.02	58-89	55.5-89	0-58	53.5-55.5	1-53.5	Retrofit well monument-12/21/09
MW-10A	11/8/89	364.35	10	4	0.02	29-61	27.5-61	0-29	25-27.5	1-25	Retrofit well monument-12/21/09
MW-10B	11/8/89	364.22	10	4	0.02	59-89	49.5-89	0-59	47-49.5	1-47	Retrofit well monument-12/21/09
MW-15	9/6/02	354.20	10	4	0.02	35-55	33-55	0-35	29-33	2-29	
MW-16A	4/10/06	364.84	10	4	0.02	30-45	28-45.5	0-30	25-28	1-25	

Notes:

ft msl Feet as referenced to mean sea level

ft bgs Feet below ground surface

Damaged = MW-4 has been lost/destroyed; attempts to relocate the well in 7/08 were unsuccessful.

Table 2
Groundwater Elevations
Former Welch's Uniform Site
3505 Pasadene Avenue, Los Angeles, California

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (ft msl)	DEPTH TO WATER (ft toc)	STATIC GROUNDWATER ELEVATION (ft msl)	LIQUID PRODUCT THICKNESS (In)
MW-3	04/05/89	364.64	---	---	0.25
MW-3	03/05/90	364.64	---	---	2.0
MW-3	08/22/91	364.64	33.45	331.19	ND
MW-3	07/21/98	364.30	31.42	332.88	ND
MW-3	11/30/99	364.30	33.51	330.79	ND
MW-3	03/15/00	364.30	32.54	331.76	ND
MW-3	06/29/00	364.30	32.67	331.63	ND
MW-3	09/20/00	364.30	33.12	331.18	ND
MW-3	12/05/00	364.30	33.43	330.87	ND
MW-3	03/27/01	364.30	31.79	332.51	ND
MW-3	05/17/01	364.30	32.08	332.22	ND
MW-3	08/21/01	364.30	32.76	331.54	ND
MW-3	12/17/01	364.30	33.36	330.94	ND
MW-3	02/27/02	364.30	33.58	330.72	ND
MW-3	06/03/02	364.30	33.81	330.49	ND
MW-3	08/12/02	364.30	33.79	330.51	ND
MW-3	11/11/02	364.39	34.04	330.35	ND
MW-3	03/10/03	364.39	33.11	331.28	ND
MW-3	05/19/03	364.39	32.31	332.08	ND
MW-3	08/25/03	364.39	32.97	331.42	ND
MW-3	11/17/03	364.39	33.22	331.17	ND
MW-3	03/22/04	364.39	32.52	331.87	ND
MW-3	05/17/04	364.39	32.81	331.58	ND
MW-3	08/16/04	364.39	33.46	330.93	ND
MW-3	11/15/04	364.39	33.05	331.34	ND
MW-3	03/15/05	364.39	29.70	334.69	ND
MW-3	06/13/05	364.39	31.35	333.04	ND
MW-3	08/24/05	364.39	32.08	332.31	ND
MW-3	12/21/05	364.39	32.61	331.78	ND
MW-3	05/31/06	366.76	34.50	332.26	ND
MW-3	09/13/06	366.76	35.81	330.95	ND
MW-3	12/22/06	366.76	35.74	331.02	ND
MW-3	03/21/07	366.76	35.96	330.80	ND
MW-3	06/20/07	366.76	36.18	330.58	ND
MW-3	09/18/07	366.76	36.40	330.36	ND
MW-3	01/02/08	366.76	36.16	330.60	ND
MW-3	09/04/08	366.76	35.92	330.84	ND
MW-3	03/04/09	366.76	35.50	331.26	ND
MW-3	12/21/09	366.76	36.81	329.95	ND
MW-3	06/29/10	366.76	35.96	330.80	ND
MW-3	03/14/11	366.76	34.53	332.23	ND
MW-3	09/14/11	366.76	35.21	331.55	ND
MW-3	03/21/12	366.76	35.93	330.83	ND

Table 2
Groundwater Elevations
Former Welch's Uniform Site
3505 Pasadene Avenue, Los Angeles, California

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (ft msl)	DEPTH TO WATER (ft toc)	STATIC GROUNDWATER ELEVATION (ft msl)	LIQUID PRODUCT THICKNESS (ln)
MW-3	09/06/12	366.76	36.42	330.34	ND
MW-3	03/06/13	366.76	36.55	330.21	ND
MW-3	11/11/13	366.76	37.19	329.57	ND
MW-3	03/11/14	366.76	37.25	329.51	ND
MW-3	09/11/14	366.76	37.63	329.13	ND
MW-3	03/02/15	366.76	37.57	329.19	ND
MW-3	10/19/15	366.76	37.93	328.83	ND
MW-3	03/15/16	366.76	37.64	329.12	ND
MW-3	08/21/17	366.76	36.71	330.05	ND
MW-3	06/07/18	366.76	37.42	329.34	ND
MW-3	12/04/18	366.76	37.76	329.00	ND
MW-9A	03/05/90	363.86	35.62	328.24	ND
MW-9A	08/22/91	363.86	35.56	328.30	ND
MW-9A	07/20/98	363.71	33.61	330.10	ND
MW-9A	11/30/99	363.71	35.50	328.21	ND
MW-9A	03/15/00	363.71	34.65	329.06	ND
MW-9A	06/29/00	363.71	34.76	328.95	ND
MW-9A	09/19/00	363.71	35.17	328.54	ND
MW-9A	12/04/00	363.71	35.48	328.23	ND
MW-9A	03/26/01	363.71	34.02	329.69	ND
MW-9A	05/16/01	363.71	34.28	329.43	ND
MW-9A	08/20/01	363.71	34.83	328.88	ND
MW-9A	12/17/01	363.71	35.41	328.30	ND
MW-9A	02/27/02	363.71	35.60	328.11	ND
MW-9A	06/03/02	363.71	35.80	327.91	ND
MW-9A	08/12/02	363.71	35.81	327.90	ND
MW-9A	11/11/02	363.81	35.95	327.86	ND
MW-9A	03/10/03	363.81	35.25	328.56	ND
MW-9A	05/19/03	363.81	34.50	329.31	ND
MW-9A	08/25/03	363.81	35.05	328.76	ND
MW-9A	11/17/03	363.81	35.25	328.56	ND
MW-9A	03/22/04	363.81	34.95	328.86	ND
MW-9A	05/17/04	363.81	35.15	328.66	ND
MW-9A	08/16/04	363.81	35.48	328.33	ND
MW-9A	11/15/04	363.81	35.11	328.70	ND
MW-9A	03/15/05	363.81	32.10	331.71	ND
MW-9A	06/13/05	363.81	33.51	330.30	ND
MW-9A	08/24/05	363.81	34.42	329.39	ND
MW-9A	12/21/05	363.81	34.69	329.12	ND
MW-9A	05/31/06	363.68	34.17	329.51	ND
MW-9A	09/13/06	363.68	34.90	328.78	ND
MW-9A	12/22/06	363.68	35.40	328.28	ND

Table 2
Groundwater Elevations
Former Welch's Uniform Site
3505 Pasadene Avenue, Los Angeles, California

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (ft msl)	DEPTH TO WATER (ft toc)	STATIC GROUNDWATER ELEVATION (ft msl)	LIQUID PRODUCT THICKNESS (In)
MW-9A	03/21/07	363.68	35.50	328.18	ND
MW-9A	06/19/07	363.68	35.68	328.00	ND
MW-9A	09/18/07	363.68	35.83	327.85	ND
MW-9A	01/02/08	363.68	35.67	328.01	ND
MW-9A	09/04/08	363.68	35.40	328.28	ND
MW-9A	03/04/09	363.68	35.34	328.34	ND
MW-9A	12/21/09	366.43	38.87	327.56	ND
MW-9A	06/29/10	366.43	38.03	328.40	ND
MW-9A	03/14/11	366.43	36.93	329.50	ND
MW-9A	09/14/11	366.43	37.49	328.94	ND
MW-9A	03/21/12	366.43	38.12	328.31	ND
MW-9A	09/06/12	366.43	38.59	327.84	ND
MW-9A	03/06/13	366.43	38.78	327.65	ND
MW-9A	11/11/13	366.43	39.30	327.13	ND
MW-9A	03/11/14	366.43	39.33	327.10	ND
MW-9A	09/11/14	366.43	39.72	326.71	ND
MW-9A	03/02/15	366.43	39.66	326.77	ND
MW-9A	10/19/15	366.43	39.99	326.44	ND
MW-9A	03/15/16	366.43	39.72	326.71	ND
MW-9A	08/21/17	366.43	38.82	327.61	ND
MW-9A	06/07/18	366.43	39.55	326.88	ND
MW-9A	12/04/18	366.43	39.75	326.68	ND
MW-9B	03/05/90	363.86	35.61	328.25	ND
MW-9B	08/22/91	363.86	35.53	328.33	ND
MW-9B	07/20/98	363.61	33.60	330.01	ND
MW-9B	11/30/99	363.61	35.44	328.17	ND
MW-9B	03/15/00	363.61	34.51	329.10	ND
MW-9B	06/29/00	363.61	34.62	328.99	ND
MW-9B	09/19/00	363.61	34.98	328.63	ND
MW-9B	12/04/00	363.61	35.48	328.13	ND
MW-9B	03/26/01	363.61	33.82	329.79	ND
MW-9B	05/16/01	363.61	34.10	329.51	ND
MW-9B	08/20/01	363.61	34.67	328.94	ND
MW-9B	12/17/01	363.61	35.21	328.40	ND
MW-9B	02/27/02	363.61	35.37	328.24	ND
MW-9B	06/03/02	363.61	35.62	327.99	ND
MW-9B	08/12/02	363.61	35.61	328.00	ND
MW-9B	11/11/02	363.76	35.76	328.00	ND
MW-9B	03/10/03	363.76	34.97	328.79	ND
MW-9B	05/19/03	363.76	34.30	329.46	ND
MW-9B	08/25/03	363.76	34.84	328.92	ND
MW-9B	11/17/03	363.76	35.03	328.73	ND
MW-9B	03/22/04	363.76	34.39	329.37	ND
MW-9B	05/17/04	363.76	34.65	329.11	ND

Table 2
Groundwater Elevations
Former Welch's Uniform Site
3505 Pasadene Avenue, Los Angeles, California

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (ft msl)	DEPTH TO WATER (ft toc)	STATIC GROUNDWATER ELEVATION (ft msl)	LIQUID PRODUCT THICKNESS (ln)
MW-9B	08/16/04	363.76	35.22	328.54	ND
MW-9B	11/15/04	363.76	34.85	328.91	ND
MW-9B	03/15/05	363.76	31.70	332.06	ND
MW-9B	06/13/05	363.76	33.26	330.50	ND
MW-9B	08/24/05	363.76	33.92	329.84	ND
MW-9B	12/21/05	363.76	34.36	329.40	ND
MW-9B	05/31/06	363.58	33.91	329.67	ND
MW-9B	09/13/06	363.58	34.61	328.97	ND
MW-9B	12/22/06	363.58	35.10	328.48	ND
MW-9B	03/21/07	363.58	35.25	328.33	ND
MW-9B	06/19/07	363.58	35.42	328.16	ND
MW-9B	09/18/07	363.58	35.60	327.98	ND
MW-9B	01/02/08	363.58	35.31	328.27	ND
MW-9B	09/04/08	363.58	35.18	328.40	ND
MW-9B	03/04/09	363.58	35.50	328.08	ND
MW-9B	12/21/09	366.56	38.93	327.63	ND
MW-9B	06/29/10	366.56	38.10	328.46	ND
MW-9B	03/14/11	366.56	37.47	329.09	ND
MW-9B	09/14/11	366.56	37.42	329.14	ND
MW-9B	03/21/12	366.56	38.12	328.44	ND
MW-9B	09/06/12	366.56	38.55	328.01	ND
MW-9B	03/06/13	366.56	38.70	327.86	ND
MW-9B	11/11/13	366.56	39.21	327.35	ND
MW-9B	03/11/14	366.56	39.29	327.27	ND
MW-9B	09/11/14	366.56	39.68	326.88	ND
MW-9B	03/02/15	366.56	39.60	326.96	ND
MW-9B	10/19/15	366.56	39.95	326.61	ND
MW-9B	03/15/16	366.56	39.68	326.88	ND
MW-9B	08/21/17	366.56	38.81	327.75	ND
MW-9B	12/04/18	366.56	39.80	326.76	ND
MW-10A	03/05/90	364.28	38.33	325.95	ND
MW-10A	08/22/91	364.28	38.46	325.82	ND
MW-10A	07/20/98	364.23	37.07	327.16	ND
MW-10A	11/30/99	364.23	38.52	325.71	ND
MW-10A	03/15/00	364.23	37.74	326.49	ND
MW-10A	06/29/00	364.23	35.95	328.28	ND
MW-10A	09/19/00	364.23	38.30	325.93	ND
MW-10A	12/04/00	364.23	38.52	325.71	ND
MW-10A	03/26/01	364.23	37.15	327.08	ND
MW-10A	05/16/01	364.23	37.57	326.66	ND
MW-10A	08/20/01	364.23	38.06	326.17	ND
MW-10A	12/17/01	364.23	38.50	325.73	ND
MW-10A	02/27/02	364.23	38.63	325.60	ND
MW-10A	06/03/02	364.23	38.81	325.42	ND

Table 2
Groundwater Elevations
Former Welch's Uniform Site
3505 Pasadene Avenue, Los Angeles, California

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (ft msl)	DEPTH TO WATER (ft toc)	STATIC GROUNDWATER ELEVATION (ft msl)	LIQUID PRODUCT THICKNESS (In)
MW-10A	08/12/02	364.23	38.83	325.40	ND
MW-10A	11/11/02	364.35	38.93	325.42	ND
MW-10A	03/10/03	364.35	38.26	326.09	ND
MW-10A	05/19/03	364.35	37.78	326.57	ND
MW-10A	08/25/03	364.35	38.24	326.11	ND
MW-10A	11/17/03	364.35	38.42	325.93	ND
MW-10A	03/22/04	364.35	37.85	326.50	ND
MW-10A	05/17/04	364.35	38.09	326.26	ND
MW-10A	08/16/04	364.35	38.58	325.77	ND
MW-10A	11/15/04	364.35	38.21	326.14	ND
MW-10A	03/15/05	364.35	35.40	328.95	ND
MW-10A	06/13/05	364.35	37.15	327.20	ND
MW-10A	08/24/05	364.35	37.70	326.65	ND
MW-10A	12/21/05	364.35	38.02	326.33	ND
MW-10A	05/31/06	364.18	37.64	326.54	ND
MW-10A	09/13/06	364.18	38.19	325.99	ND
MW-10A	12/22/06	364.18	38.58	325.60	ND
MW-10A	03/21/07	364.18	38.66	325.52	ND
MW-10A	06/20/07	364.18	38.77	325.41	ND
MW-10A	09/18/07	364.18	39.00	325.18	ND
MW-10A	01/02/08	364.18	38.84	325.34	ND
MW-10A	09/04/08	364.18	38.68	325.50	ND
MW-10A	03/04/09	364.18	38.44	325.74	ND
MW-10A	12/21/09	366.96	41.91	325.05	ND
MW-10A	06/29/10	366.96	41.35	325.61	ND
MW-10A	03/14/11	366.96	40.44	326.52	ND
MW-10A	09/14/11	366.96	40.85	326.11	ND
MW-10A	03/21/12	366.96	41.37	325.59	ND
MW-10A	09/06/12	366.96	41.77	325.19	ND
MW-10A	03/06/13	366.96	41.88	325.08	ND
MW-10A	11/11/13	366.96	42.30	324.66	ND
MW-10A	03/11/14	366.96	42.35	324.61	ND
MW-10A	09/11/14	366.96	42.68	324.28	ND
MW-10A	03/02/15	366.96	42.59	324.37	ND
MW-10A	10/19/15	366.96	42.94	324.02	ND
MW-10A	03/15/16	366.96	42.66	324.30	ND
MW-10A	08/21/17	366.96	40.82	326.14	ND
MW-10A	06/07/18	366.96	41.56	325.40	ND
MW-10A	12/04/18	366.96	42.31	324.65	ND
MW-10B	03/05/90	364.28	37.63	326.65	ND
MW-10B	08/22/91	364.28	37.62	326.66	ND
MW-10B	07/20/98	364.13	35.92	328.21	ND
MW-10B	11/30/99	364.13	37.58	326.55	ND
MW-10B	03/15/00	364.13	36.71	327.42	ND

Table 2
Groundwater Elevations
Former Welch's Uniform Site
3505 Pasadene Avenue, Los Angeles, California

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (ft msl)	DEPTH TO WATER (ft toc)	STATIC GROUNDWATER ELEVATION (ft msl)	LIQUID PRODUCT THICKNESS (In)
MW-10B	06/29/00	364.13	36.92	327.21	ND
MW-10B	09/19/00	364.13	37.37	326.76	ND
MW-10B	12/04/00	364.13	38.52	325.61	ND
MW-10B	03/26/01	364.13	36.26	327.87	ND
MW-10B	05/16/01	364.13	36.44	327.69	ND
MW-10B	08/20/01	364.13	36.97	327.16	ND
MW-10B	12/17/01	364.13	37.42	326.71	ND
MW-10B	02/27/02	364.13	37.56	326.57	ND
MW-10B	06/03/02	364.13	37.80	326.33	ND
MW-10B	08/12/02	364.13	37.79	326.34	ND
MW-10B	11/11/02	364.22	37.90	326.32	ND
MW-10B	03/10/03	364.22	37.15	327.07	ND
MW-10B	05/19/03	364.22	36.58	327.64	ND
MW-10B	08/25/03	364.22	37.11	327.11	ND
MW-10B	11/17/03	364.22	37.28	326.94	ND
MW-10B	03/22/04	364.22	36.67	327.55	ND
MW-10B	05/17/04	364.22	36.96	327.26	ND
MW-10B	08/16/04	364.22	37.48	326.74	ND
MW-10B	11/15/04	364.22	37.14	327.08	ND
MW-10B	03/15/05	364.22	34.00	330.22	ND
MW-10B	06/13/05	364.22	35.79	328.43	ND
MW-10B	08/24/05	364.22	36.40	327.82	ND
MW-10B	12/21/05	364.22	36.76	327.46	ND
MW-10B	05/31/06	364.07	36.31	327.76	ND
MW-10B	09/13/06	364.07	36.95	327.12	ND
MW-10B	12/22/06	364.07	37.30	326.77	ND
MW-10B	03/21/07	364.07	37.45	326.62	ND
MW-10B	06/20/07	364.07	37.62	326.45	ND
MW-10B	09/18/07	364.07	37.85	326.22	ND
MW-10B	01/02/08	364.07	37.62	326.45	ND
MW-10B	09/04/08	364.07	37.54	326.53	ND
MW-10B	03/04/09	364.07	37.32	326.75	ND
MW-10B	12/21/09	366.90	40.95	325.95	ND
MW-10B	06/29/10	366.90	40.31	326.59	ND
MW-10B	03/14/11	366.90	39.10	327.80	ND
MW-10B	09/14/11	366.90	39.64	327.26	ND
MW-10B	03/21/12	366.90	40.24	326.66	ND
MW-10B	09/06/12	366.90	40.62	326.28	ND
MW-10B	03/06/13	366.90	40.73	326.17	ND
MW-10B	11/11/13	366.90	41.25	325.65	ND
MW-10B	03/11/14	366.90	41.28	325.62	ND
MW-10B	09/11/14	366.90	41.68	325.22	ND
MW-10B	03/02/15	366.90	41.58	325.32	ND
MW-10B	10/19/15	366.90	41.93	324.97	ND
MW-10B	03/15/16	366.90	41.64	325.26	ND

Table 2
Groundwater Elevations
Former Welch's Uniform Site
3505 Pasadene Avenue, Los Angeles, California

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (ft msl)	DEPTH TO WATER (ft toc)	STATIC GROUNDWATER ELEVATION (ft msl)	LIQUID PRODUCT THICKNESS (In)
MW-10B	08/21/17	366.90	40.87	326.03	ND
MW-10B	12/04/18	366.90	41.72	325.18	ND
MW-15	11/11/02	354.20	38.70	315.50	ND
MW-15	03/10/03	354.20	37.96	316.24	ND
MW-15	05/19/03	354.20	37.25	316.95	ND
MW-15	08/25/03	354.20	37.83	316.37	ND
MW-15	11/17/03	354.20	38.13	316.07	ND
MW-15	03/22/04	354.20	37.57	316.63	ND
MW-15	05/17/04	354.20	37.70	316.50	ND
MW-15	08/16/04	354.20	38.23	315.97	ND
MW-15	11/15/04	354.20	38.10	316.10	ND
MW-15	03/15/05	354.20	33.80	320.40	ND
MW-15	06/13/05	354.20	36.22	317.98	ND
MW-15	08/24/05	354.20	37.04	317.16	ND
MW-15	12/21/05	354.20	37.59	316.61	ND
MW-15	06/05/06	353.91	37.02	316.89	ND
MW-15	09/13/06	353.91	37.80	316.11	ND
MW-15	12/21/06	353.91	38.19	315.72	ND
MW-15	03/20/07	353.91	38.88	315.03	ND
MW-15	06/19/07	353.91	38.45	315.46	ND
MW-15	09/18/07	353.91	38.76	315.15	ND
MW-15	01/02/08	353.91	38.55	315.36	ND
MW-15	09/04/08	353.91	38.37	315.54	ND
MW-15	03/04/09	353.91	38.10	315.81	ND
MW-15	12/21/09	353.91	39.02	314.89	ND
MW-15	06/29/10	353.91	37.72	316.19	ND
MW-15	03/14/11	353.91	36.84	317.07	ND
MW-15	09/14/11	353.91	37.62	316.29	ND
MW-15	03/21/12	353.91	37.23	316.68	ND
MW-15	09/06/12	353.91	38.66	315.25	ND
MW-15	03/06/13	353.91	38.78	315.13	ND
MW-15	11/11/13	353.91	39.19	314.72	ND
MW-15	03/11/14	353.91	39.18	314.73	ND
MW-15	09/11/14	353.91	39.59	314.32	ND
MW-15	03/02/15	353.91	39.51	314.40	ND
MW-15	10/19/15	353.91	39.87	314.04	ND
MW-15	03/15/16	353.91	39.57	314.34	ND
MW-15	08/21/17	353.91	38.80	315.11	ND
MW-15	06/07/18	353.91	39.51	314.40	ND
MW-15	12/04/18	353.91	39.73	314.18	ND

Table 2
Groundwater Elevations
Former Welch's Uniform Site
3505 Pasadene Avenue, Los Angeles, California

WELL I.D.	DATE MONITORED	TOP OF CASING ELEVATION (ft msl)	DEPTH TO WATER (ft toc)	STATIC GROUNDWATER ELEVATION (ft msl)	LIQUID PRODUCT THICKNESS (In)
MW-16A	05/31/06	364.84	34.04	330.80	ND
MW-16A	09/13/06	364.84	34.69	330.15	ND
MW-16A	12/22/06	364.84	35.15	329.69	ND
MW-16A	03/21/07	364.84	35.25	329.59	ND
MW-16A	06/20/07	364.84	35.44	329.40	ND
MW-16A	09/18/07	364.84	35.69	329.15	ND
MW-16A	01/02/08	364.84	35.45	329.39	ND
MW-16A	09/04/08	364.84	35.31	329.53	ND
MW-16A	03/04/09	364.84	35.09	329.75	ND
MW-16A	12/21/09	364.83	36.00	328.83	ND
MW-16A	06/29/10	364.83	35.35	329.48	ND
MW-16A	03/14/11	364.83	34.03	330.80	ND
MW-16A	09/14/11	364.83	34.61	330.22	ND
MW-16A	03/21/12	364.83	35.22	329.61	ND
MW-16A	09/06/12	364.83	35.67	329.16	ND
MW-16A	03/06/13	364.83	35.79	329.04	ND
MW-16A	11/11/13	364.83	36.38	328.45	ND
MW-16A	03/11/14	364.83	36.43	328.40	ND
MW-16A	09/11/14	364.83	36.89	327.94	ND
MW-16A	03/02/15	364.83	36.75	328.08	ND
MW-16A	10/19/15	364.83	37.10	327.73	ND
MW-16A	03/15/16	364.83	36.79	328.04	ND
MW-16A	08/21/17	364.83	35.94	328.89	ND
MW-16A	06/07/18	364.83	36.63	328.20	ND
MW-16A	12/04/18	364.83	36.95	327.88	ND

NOTES:

ft msl	Feet as referenced to mean sea level
ft toc	Feet below top-of-casing
in	inches
<	LNAPL detected below indicated thickness
---	Well not monitored

Table 3
Groundwater Quality Parameters
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California

Well Id	Date	pH	Temperature (Degrees Celcius)	Dissolved Oxygen (mg/L)	Specific Conductivity (S/M)	Turbidity (NTU)	ORP (mV)
MW-3	12/21/05	7.18	20.3	5.50	0.130	990	152
MW-3	05/31/06	6.84	20.6	1.28	0.164	71.0	-146
MW-3	09/14/06	6.71	22.2	3.95	0.124	0.0	138
MW-3	12/28/06	NR	NR	NR	NR	NR	NR
MW-3	03/21/07	6.50	18.7	4.51	0.162	0.0**	107
MW-3	06/20/07	6.80	21.4	3.18	0.152	0.0	139
MW-3	09/19/07	6.52	22.8	6.36	0.160	0.0	138
MW-3	01/03/08	6.60	19.7	5.80	0.150	94.0	82.0
MW-3	09/05/08	6.80	23.3	4.20	0.143	4.0	139
MW-3	03/05/09	6.79	18.6	4.80	0.143	1.0	29.0
MW-3	12/22/09	6.70	19.8	4.70	0.144	2.0	-64.6
MW-3	06/29/10	6.79	21.9	4.62	0.133	1.0	67.0
MW-3	03/17/11	7.45	21.2	4.86	0.126	10.3	274
MW-3	09/15/11	7.57	23.2	4.07	0.144	8.2	240
MW-3	03/23/12	6.69	22.1	3.57	0.104	54.5	318
MW-3	09/06/12	6.92	28.5	1.72	0.125	21.1	254
MW-3	03/07/13	7.22	19.7	1.93	0.067	19.7	300
MW-3	11/12/13	6.94	21.7	1.99	0.100	19.7	241
MW-3	03/12/14	7.19	23.3	1.58	0.072	18.1	271
MW-3	09/11/14	7.43	27.0	1.56	0.091	28.4	245
MW-3	03/02/15	7.07	22.4	1.89	0.138	23.9	156
MW-3	10/19/15	7.43	24.2	1.14	0.136	29.4	197
MW-3	03/15/16	6.75	21.4	1.74	0.132	22.2	215
MW-3	08/21/17	7.19	27.1	1.43	0.089	23.3	250
MW-3	06/07/18	6.89	23.6	5.05	0.137	6.1	26.2
MW-3	12/04/18	6.89	22.3	4.49	0.164	7.0	50.3
MW-9A	12/22/05	7.26	22.1	0.500	0.140	-10.0	-259
MW-9A	05/31/06	6.79	21.3	0.00	0.309	0.0	-300
MW-9A	09/15/06	6.72	21.2	0.00	0.117	0.0	200
MW-9A	12/22/06	NR	NR	NR	NR	NR	NR
MW-9A	03/21/07	8.65	21.2	0.420	0.163	0.0**	-334
MW-9A	06/20/07	7.04	21.4	0.130	0.145	0.0	-283
MW-9A	09/19/07	6.67	21.3	3.61	0.150	0.0	-334
MW-9A	01/03/08	6.80	22.3	2.50	0.150	95.0	-309
MW-9A	09/05/08	6.80	22.2	0.350	0.143	9.0	-176
MW-9A	03/04/09	6.74	21.9	0.300	0.140	5.0	-139
MW-9A	12/22/09	6.70	22.0	0.670	0.146	5.0	-301
MW-9A	06/29/10	6.93	21.8	0.320	0.135	6.0	-300
MW-9A	03/15/11	7.39	23.0	1.29	0.131	17.5	-84.0
MW-9A	09/15/11	7.46	20.0	1.04	0.149	12.5	-109
MW-9A	03/21/12	6.94	22.4	1.18	0.115	22.1	-137
MW-9A	09/06/12	7.22	24.6	1.01	0.106	20.5	-23.0
MW-9A	03/06/13	7.40	21.2	0.910	0.065	21.6	-88.0
MW-9A	11/12/13	7.12	15.9	0.770	0.071	21.4	-28.0
MW-9A	03/11/14	7.09	22.6	0.470	0.084	16.6	42.0
MW-9A	03/03/15	7.21	24.1	0.590	0.103	28.1	4.0
MW-9A	03/15/16	7.12	22.3	0.770	0.128	20.9	33.0
MW-9A	08/21/17	7.34	24.4	0.800	0.072	22.4	-44.0
MW-9A	12/04/18	7.06	23.0	0.740	0.181	12.0	-109.8

Table 3
Groundwater Quality Parameters
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California

Well Id	Date	pH	Temperature (Degrees Celcius)	Dissolved Oxygen (mg/L)	Specific Conductivity (S/M)	Turbidity (NTU)	ORP (mV)
MW-9B	12/22/05	7.37	21.9	2.20	0.140	990	-19.0
MW-9B	05/31/06	6.89	21.3	0.390	9.99†	0.0	42.0
MW-9B	09/15/06	6.69	21.1	1.22	0.127	0.0	114
MW-9B	12/22/06	NR	NR	NR	NR	NR	NR
MW-9B	03/21/07	7.99	20.9	0.230	0.176	0.0**	-307
MW-9B	06/20/07	6.99	21.6	9.13	0.000	63.1	3.0
MW-9B	09/19/07	6.70	21.2	5.40	0.150	0.0	-121
MW-9B	01/03/08	6.80	21.9	2.80	0.150	87.0	-150
MW-9B	09/04/08	6.90	22.0	1.94	0.139	2.0	64.7
MW-9B	03/04/09	6.71	21.3	1.59	0.140	3.0	-2.2
MW-9B	12/22/09	6.60	21.7	1.76	0.147	3.0	15.6
MW-9B	06/29/10	6.94	21.6	1.64	0.138	1.0	-214
MW-9B	03/15/11	7.56	24.4	2.61	0.134	12.7	135
MW-9B	09/15/11	7.56	20.7	2.55	0.148	14.0	103
MW-9B	03/21/12	7.39	22.7	2.44	0.100	25.2	280
MW-9B	09/06/12	7.24	23.0	1.21	0.108	23.0	175
MW-9B	03/06/13	7.34	21.8	1.58	0.074	17.3	221
MW-9B	11/12/13	7.10	17.4	2.18	0.080	20.3	308
MW-9B	03/11/14	7.21	22.2	0.870	0.083	24.0	265
MW-9B	03/03/15	7.14	22.8	1.85	0.125	25.4	206
MW-9B	08/21/17	7.38	22.6	2.76	0.088	2.05	370
MW-9B	12/04/18	6.83	22.4	2.21	0.183	33.0	5.2
MW-10A	12/22/05	7.18	21.8	0.200	0.130	-10.0	-328
MW-10A	05/31/06	6.81	21.4	0.0	367	0.0	-318
MW-10A	09/15/06	6.78	21.2	0.0	0.116	0.0	-343
MW-10A	12/22/06	NR	NR	NR	NR	NR	NR
MW-10A	03/21/07	8.06	21.0	0.450	0.163	0.0**	-339
MW-10A	06/20/07	6.72	21.5	0.0	0.142	0.0	-216
MW-10A	09/19/07	6.59	21.6	6.67	0.000	9.0	7.0
MW-10A	01/03/08	6.60	22.2	3.20	0.150	86.0	-220
MW-10A	09/05/08	6.80	22.2	0.310	0.140	2.0	-143
MW-10A	03/04/09	6.51	21.6	0.220	0.139	3.0	-94.5
MW-10A	12/22/09	6.80	21.8	0.260	0.143	2.0	-308
MW-10A	06/29/10	6.90	21.9	0.140	0.128	3.0	-204
MW-10A	03/15/11	7.45	20.6	2.06	0.121	15.4	24.0
MW-10A	09/14/11	7.81	22.9	2.17	0.139	10.6	34.0
MW-10A	03/21/12	6.90	22.4	2.11	0.111	18.4	57.0
MW-10A	09/06/12	7.08	30.7	0.680	0.122	22.7	90.0
MW-10A	03/06/13	7.16	22.7	1.97	0.072	19.5	57.0
MW-10A	11/11/13	7.06	18.5	2.07	0.086	23.6	170
MW-10A	03/11/14	7.18	22.9	0.820	0.083	16.5	153
MW-10A	09/11/14	8.19	25.8	1.55	0.089	28.5	251
MW-10A	03/03/15	7.18	22.2	0.890	0.137	17.8	104
MW-10A	10/19/15	7.86	21.1	0.720	0.130	27.6	-169
MW-10A	03/15/16	6.74	22.2	1.07	0.100	29.0	128
MW-10A	08/21/17	7.20	24.7	2.46	0.126	25.9	159
MW-10A	06/07/18	7.10	23.5	0.78	0.152	6.84	-1.4
MW-10A	12/04/18	6.82	22.6	0.78	0.166	9.0	-42.6

Table 3
Groundwater Quality Parameters
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California

Well Id	Date	pH	Temperature (Degrees Celcius)	Dissolved Oxygen (mg/L)	Specific Conductivity (S/M)	Turbidity (NTU)	ORP (mV)
MW-10B	12/22/05	7.40	21.6	2.50	0.150	-10.0	-255
MW-10B	05/31/06	7.20	21.1	0.00	0.134	0.0	-277
MW-10B	09/15/06	7.05	21.0	0.210	0.131	0.0	-250
MW-10B	12/22/06	NR	NR	NR	NR	NR	NR
MW-10B	03/21/07	7.58	20.7	1.45	0.169	0.0**	-248
MW-10B	06/20/07	7.60	21.5	3.54	0.138	0.0	76.0
MW-10B	09/19/07	6.82	21.1	4.66	0.160	0.0	-65.0
MW-10B	01/03/08	6.90	21.9	2.30	0.160	54.0	17.0
MW-10B	09/05/08	7.10	21.9	0.550	0.145	3.0	-28.7
MW-10B	03/04/09	6.73	21.1	0.600	0.146	5.0	44.6
MW-10B	12/22/09	6.90	21.6	0.590	0.153	10.0	-248
MW-10B	06/29/10	7.08	21.5	0.380	0.140	1.0	-43.7
MW-10B	09/14/11	7.68	22.7	1.80	0.145	11.2	268
MW-10B	03/21/12	7.07	21.2	2.02	0.124	16.6	262
MW-10B	09/06/12	7.34	31.5	0.980	0.143	33.8	249
MW-10B	03/06/13	7.10	22.2	1.11	0.089	20.7	210
MW-10B	11/11/13	7.14	19.2	2.23	0.102	14.9	216
MW-10B	03/11/14	7.32	24.2	0.720	0.102	14.2	202
MW-10B	03/03/15	7.22	23.6	1.89	0.141	31.2	202
MW-10B	03/15/16	7.16	22.1	1.85	0.128	27.6	198
MW-10B	08/21/17	7.17	25.9	2.70	0.100	21.2	232
MW-10B	12/04/18	7.21	22.5	0.85	0.174	5.0	4.3
MW-15	12/21/05	6.76	21.5	2.10	0.130	520	206
MW-15	06/05/06	6.49	21.1	0.340	9.99†	50.0	152
MW-15	09/14/06	7.84	20.8	5.81	0.110	0.0	NM
MW-15	12/21/06	7.76	20.9	3.84	0.319	360	11.0
MW-15	03/20/07	6.60	20.8	2.01	0.167	21.5	115
MW-15	06/19/07	6.52	21.2	0.620	0.143	31.0	197
MW-15	09/18/07	6.38	21.1	4.79	0.150	43.0	149
MW-15	01/02/08	6.60	21.9	2.50	0.160	140	150
MW-15	09/04/08	6.60	21.8	0.930	0.136	11.0	131
MW-15	03/05/09	6.59	21.5	0.870	0.138	7.0	-18.2
MW-15	12/21/09	6.30	21.8	1.70	0.144	49.0	-93.1
MW-15	06/29/10	6.58	21.6	0.650	0.127	4.0	138
MW-15	03/14/11	7.25	22.6	1.26	0.128	5.1	99.0
MW-15	09/14/11	7.29	20.9	1.33	0.139	3.8	96.0
MW-15	03/21/12	6.91	21.8	1.19	0.111	19.5	282
MW-15	09/07/12	6.98	25.2	1.53	0.100	29.4	269
MW-15	03/07/13	7.01	19.2	1.37	0.071	19.1	297
MW-15	11/12/13	6.89	18.1	1.61	0.089	26.3	216
MW-15	03/12/14	6.95	18.3	1.05	0.066	24.0	296
MW-15	03/12/14	7.22	21.8	1.84	0.068	24.9	280
MW-15	03/03/15	7.29	24.2	1.65	0.109	52.7	242
MW-15	10/20/15	7.08	23.1	0.950	0.128	29.9	111
MW-15	03/16/16	7.00	21.0	1.82	0.136	27.1	200
MW-15	08/21/17	7.07	24.6	0.99	0.082	15.8	185
MW-15	06/07/18	6.66	24.4	2.68	0.139	9.31	-106
MW-15	12/04/18	6.71	21.2	2.76	0.158	14.0	-171

Table 3
Groundwater Quality Parameters
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California

Well Id	Date	pH	Temperature (Degrees Celcius)	Dissolved Oxygen (mg/L)	Specific Conductivity (S/M)	Turbidity (NTU)	ORP (mV)
MW-16A	06/05/06	6.98	20.2	7.71	0.200	120	52.0
MW-16A	09/15/06	6.97	20.7	0.00	0.162	0.0	-78.0
MW-16A	12/28/06	NR	NR	NR	NR	NR	NR
MW-16A	03/21/07	7.94	20.4	2.19	0.166	220	-105
MW-16A	06/20/07	6.51	19.9	2.82	0.153	0.0	88.0
MW-16A	09/19/07	6.51	20.9	5.28	0.160	5.0	141
MW-16A	01/03/08	6.60	22.5	4.10	0.150	94.0	38.0
MW-16A	09/05/08	6.80	21.4	2.96	0.142	9.0	58.2
MW-16A	03/05/09	6.74	21.1	3.35	0.144	9.0	-12.1
MW-16A	12/22/09	6.50	22.1	3.42	0.144	9.0	-80.2
MW-16A	06/29/10	6.73	20.2	3.13	0.129	80.0	79.1
MW-16A	03/15/11	7.36	22.0	3.48	0.130	27.6	136
MW-16A	09/15/11	7.52	20.7	3.21	0.148	15.7	152
MW-16A	03/22/12	6.59	23.5	2.75	0.125	9.19	303
MW-16A	09/06/12	6.77	26.7	1.61	0.117	121	262
MW-16A	03/07/13	7.22	19.5	1.68	0.074	26.3	302
MW-16A	11/12/13	6.95	22.1	1.97	0.102	393	257
MW-16A	03/11/14	7.09	24.8	1.46	0.088	26.1	248
MW-16A	03/02/15	7.11	22.4	1.84	0.143	74.7	239
MW-16A	03/15/16	7.24	22.9	1.66	0.152	49.5	218
MW-16A	08/21/17	6.85	25.7	1.30	0.123	21.8	189
MW-16A	06/07/18	6.61	22.1	1.90	0.139	159	29.7
MW-16A	12/04/18	6.75	22.7	2.84	0.179	89	67.0

Notes:
E_h = standard reduction potential (calculated from ORP using method recommended by instrument manufacturer)
mV = millivolts
mg/L = milligrams per liter
NTU = nephelometric turbidity units
NM = Not Monitored
NR = No Purge Record
ORP = field measured oxidation-reduction potential (various reference electrodes)
S/M = siemens per meter
ug/cm = Beginning March 2011
Water quality parameters taken inside well with a Horiba U-22 except MW-13A, MW-13B, MW-14, MW-15, K-1 and K-2
* = Dissolved oxygen likely elevated because of air lift techniques
† = Specific conductivity instrument showing an error message
**=Turbidity meter not functioning properly

Table 4
Groundwater Monitoring Well Sampling Information
Former Welch's Uniform Site
3505 Pasadene Avenue, Los Angeles, California

Monitoring Well Sampling Location	Sampling Order	Analysis Method	QA/QC Samples
MW-15	1	VOCs by 8260B	
MW-9B	2	VOCs by 8260B	
MW-9A	3	VOCs by 8260B	
MW-10B	4	VOCs by 8260B	DUP-1
MW-10A	5	VOCs by 8260B	
MW-3	6	VOCs by 8260B	
MW-16A	7	VOCs by 8260B	
	TOTAL	**7**	

Notes:

DUP	Duplicate
EB	Equipment Blank
FB	Field Blank
QA/QC	Quality Assuance/Quality Control
VOCs	Volatile Organic Compounds

Table 5
Groundwater Analytical Results
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California

Monitoring Well	Date Sampled	EPA 8015M	EPA 8260B						
		TEPH (TPHd) (µg/L)	**CF (µg/L)**	**1,1-DCE (µg/L)**	**c-DCE (µg/L)**	**t-DCE (µg/L)**	**PCE (µg/L)**	**TCE (µg/L)**	**OTHER VOCs**
Cal EPA MCLs (µg/L)		210[1]	80[4]	6	6	10	5	5	See values at end of table
MW-3	07/21/98	160	---	50 U	5.0 U	50 U	**850**	50 U	
MW-3	11/30/99	130	---	20 U	10 U	10 U	**308**	**24.3**	
MW-3	03/15/00	100 U	---	10 U	10 U	10 U	**510**	**71**	
MW-3	06/29/00	100 U	---	2.0 U	2.0	2.0 U	**100**	**20**	
MW-3	09/20/00	100 U	---	2.0 U	3.8	2.2	**130**	**29**	
MW-3	12/05/00	100 U	---	1.0 U	1.0 U	1.0 U	**47**	**12**	
MW-3	03/27/01	**230**	---	25 U	25 U	25 U	**890**	**180**	
MW-3	05/17/01	180	2.5 U	2.5 U	**16**	2.5 U	**510**	**100**	
MW-3	08/21/01	50 U	0.5 U	0.5 U	**8.6**	0.5 U	**140**	**50**	
MW-3	12/18/01	69	2.5 U	2.5 U	**10**	2.5 U	**120**	**40**	
MW-3	02/28/02	50 U	1.7	5.0 U	5.9	2.4	**94**	**28**	
MW-3	06/04/02	50 U	0.5 U	0.5 U	5.6	3.3	**100**	**38**	
MW-3	08/13/02	100	1.7	0.5 U	**15**	4.5	**190**	**93**	
MW-3	11/12/02	150	2.6	2.5 U	**33**	7.2	**270**	**160**	
MW-3	03/11/03	60	2.1	1.0 U	**13**	2.8	**150**	**41**	
MW-3	05/19/03	90	2.1	1.0 U	**22**	2.8	**150**	**47**	
MW-3	08/26/03	65	2.5	0.5 U	**27**	2.5	**110**	**44**	
MW-3	11/18/03	58	0.5 U	0.5 U	**19**	2.9	**97**	2.2	
MW-3	03/23/04	160	1.7	1.0 U	**34**	5.8	**310**	**110**	
MW-3	05/18/04	66	1.8	0.5 U	**21**	1.5	**74**	**28**	
MW-3	08/17/04	59	1.7	1.0 U	**7.8**	1.4	**110**	**22**	
MW-3	11/16/04	95	2.2	1.0 U	**17**	3.2	**160**	**46**	
MW-3	03/15/05	**2300**	25 U	50 U	25 U	25 U	**5100**	**110**	
MW-3	06/13/05	**390**	2.5 U	5.0 U	**36**	2.5 U	**460**	**34**	
MW-3	08/25/05	150	2.5 U	5.0 U	**18**	2.5 U	**340**	**25**	
MW-3	12/21/05	110	1.4J	0.61 U	**15**	1.6J	**250**	**40**	
MW-3	05/31/06	150	3B	0.61 U	**38**	1.9J	**450**	**48**	
MW-3	09/14/06	48 U	1.2	0.26 U	**19**	1.7	**130**	**31**	
MW-3	12/28/06	48 U	0.98 J	0.26 U	**23**	2.2	**83**	**31**	
MW-3	03/21/07	69	1.1	0.26 U	**29**	3.0	**66**	**33**	
MW-3	06/20/07	48 U	0.79J	0.29 U	**11**	0.94J	**42**	**14**	
MW-3 (DUP-2)	06/20/07	---	0.87J	0.29 U	**12**	1.1	**44**	**15**	Ethanol (150)
MW-3	09/19/07	90	0.81 J	0.29 U	**51**	3.2	**130**	**41**	
DUP-2	09/19/07	---	0.93 J	0.29 U	**70**	4.1	**190**	**60**	
MW-3	01/03/08	50	0.76 J	0.29 U	**15**	1.3	**45**	**12**	
MW-3 DUP-2	01/03/08	---	0.82 J	0.29 U	**16**	1.2	**51**	**13**	
MW-3	09/05/08	50 U	1.0 U	1.0 U	**18**	1.8	**150**	**11**	
MW-3	03/05/09	48 U	0.96 J	0.40 U	**15**	0.87 J	**23**	**6.4**	
MW-3	12/22/09	60	0.79 J	0.40 U	**28**	3.7	**70**	**14**	
MW-3	06/30/10	48 U	0.83 J	0.31 U	**11**	0.40 U	**56**	4.9	
MW-3	03/17/11	500 U	1.0 U	1.0 U	**17**	1.1	**320**	**30**	
MW-3	09/15/11	500 U	1.0 U	1.0 U	2.5	1.0 U	**57**	3	
MW-3	03/23/12	1500 U	1.0 U	1.0 U	**15**	1.7	**97**	**9.3**	
MW-3	09/07/12	500 U	2.0 U	2.0 U	**21**	4.1	**220**	**18**	
MW-3	03/07/13	500 U	1.0 U	1.0 U	**13**	1.0 U	**46**	**5.3**	
MW-3	11/12/13	---	1.0 U	1.0 U	**49**	1.2	**140**	**10**	
MW-3	03/12/14	---	1.0 U	1.0 U	1.0 U	1.0 U	2.9	1.0 U	
MW-3	09/11/14	---	1.0 U	1.0 U	1.0 U	1.0 U	2.8	1.0 U	
MW-3	03/02/15	---	1.0 U	1.0 U	1.0 U	1.0 U	2.0	1.0 U	
MW-3	10/19/15	---	1.0 U	1.0 U	1.0 U	1.0 U	3.6	1.0 U	
MW-3	03/16/16	---	1.0 U	1.0 U	1.0 U	1.0 U	**7.4**	1.0 U	
MW-3	08/21/17	---	1.0 U	1.0 U	1.0 U	1.0 U	**7.5**	1.0 U	
MW-3	06/07/18	---	1.0 U	1.0 U	1.0 U	1.0 U	1.4	1.0 U	
MW-3	12/04/18	---	1.0 U	1.0 U	1.0 U	1.0 U	**5.1**	1.0 U	

Table 5
Groundwater Analytical Results
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California

Monitoring Well	Date Sampled	EPA 8015M	EPA 8260B						
		TEPH (TPHd) (µg/L)	**CF (µg/L)**	**1,1-DCE (µg/L)**	**c-DCE (µg/L)**	**t-DCE (µg/L)**	**PCE (µg/L)**	**TCE (µg/L)**	**OTHER VOCs**
Cal EPA MCLs (µg/L)		210[1]	80[4]	6	6	10	5	5	See values at end of table
MW-9A	07/20/98	100 U	---	12 U	**72**	**23**	**40**	**62**	Methylene chloride (**54**)
MW-9A	11/30/99	103	---	5.0 U	**62**	3	**46**	**52.4**	
MW-9A	03/15/00	100 U	---	10 U	**570**	**12**	**87**	**140**	
MW-9A	06/29/00	100 U	---	2.0 U	**130**	6.2	**62**	**62**	
MW-9A	09/19/00	100 U	---	1.0 U	**75**	3.6	**39**	**44**	
MW-9A	12/04/00	100 U	---	1.0 U	**55**	2.8	**35**	**36**	
MW-9A	03/26/01	130	---	2.5 U	**400**	**13**	**100**	**180**	
MW-9A	05/16/01	75	2.5 U	2.5 U	**210**	**13**	**72**	**92**	
MW-9A	08/20/01	50 U	0.5 U	0.5 U	**100**	5.2	**41**	**51**	
MW-9A	12/17/01	50 U	2.5 U	2.5 U	**100**	2.5 U	**58**	**63**	
MW-9A	02/27/02	50 U	0.75	0.5 U	**110**	2.6	**40**	**46**	
MW-9A	06/03/02	50 U	2.5 U	2.5 U	**95**	2.5 U	**32**	**38**	Acetone (7.6J)
MW-9A	08/12/02	91	2.5 U	2.5 U	**88**	3.0	**36**	**41**	
MW-9A	11/11/02	62	0.99	0.5 U	**100**	2.8	**37**	**48**	
MW-9A	03/10/03	50 U	1.0	0.5 U	**120**	3.3	**40**	**39**	
MW-9A	05/19/03	61	0.8	0.5 U	**110**	4.8	**31**	**38**	
MW-9A	08/25/03	50	1.1	0.5 U	**110**	3.8	**27**	**37**	
MW-9A	11/17/03	50 U	1.0	0.5 U	**97**	3.5	**33**	0.5 U	
MW-9A	03/22/04	67	0.63	0.5 U	**88**	3.1	**26**	**25**	
MW-9A	05/17/04	63	0.92	0.5 U	**96**	4.2	**31**	**34**	
MW-9A	08/16/04	68	0.86	1.0 U	**80**	3.0	**29**	**32**	
MW-9A	11/15/04	86	0.95	1.0 U	**86**	3.0	**25**	**28**	
MW-9A	03/16/05	50 U	0.73	1.0 U	**84**	4.4	**15**	**18**	
MW-9A	06/14/05	63	0.59	1.0 U	**65**	4.0	**9.9**	**16**	
MW-9A	08/25/05	50 U	0.55	1.0 U	**52**	2.7	**16**	**19**	
MW-9A	12/22/05	44 U	0.59J	0.31 U	**38**	1.2	**20**	**17**	
MW-9A	05/31/06	48 U	1.6B	1.0 U	**70**	2.3	**21**	**21**	Methylene chloride (**6.9J,B**) Vinyl Chloride (**0.53**)
MW-9A	09/14/06	48 U	0.52J	0.26 U	**69**	1.4	**15**	**12**	
MW-9A	12/22/06	48 U	0.54J	0.26 U	**58**	1.3	**11**	**11**	
MW-9A	03/21/07	48 U	0.45 J	0.26 U	**64**	2.1	**9.8**	**9.7**	Vinyl Chloride (**0.51**)
MW-9A	06/20/07	48 U	0.45 J	0.29 U	**64**	1.0	**14**	**8.5**	Acetone (18J)
MW-9A	09/19/07	48 U	0.36 J	0.29 U	**66**	0.85 J	**13**	**7.5**	
MW-9A	01/03/08	48 U	0.37 J	0.29 U	**56**	0.78 J	**13**	**6.2**	Carbon Disulfide (0.60 J)
MW-9A	09/05/08	50 U	1.0 U	1.0 U	**45**	1.0 U	**13**	**6**	
MW-9A	03/04/09	48 U	0.40 J	0.40 U	**53**	0.78 J	**7.1**	**6**	
MW-9A	12/22/09	48 U	0.44 J	0.40 U	**46**	4.7	**11**	4.9	
MW-9A	06/29/10	48 U	0.4	0.31 U	**73**	1.4	**13**	**5.8**	
MW-9A	03/15/11	500 U	1.0 U	1.0 U	**60**	1.2	**12**	**5.3**	
MW-9A	09/15/11	500 U	0.50 U	1.0 U	**30**	3.8	**5**	3.8	
MW-9A	03/21/12	500 U	1.0 U	1.0 U	**52**	1.0 U	3.4	3.2	
MW-9A	09/06/12	500 U	1.0 U	1.0 U	**30**	1.0 U	3.6	3.0	
MW-9A	03/06/13	500 U	1.0 U	1.0 U	**30**	1.0 U	2.1	2.5	
MW-9A	11/12/13	---	1.0 U	1.0 U	**25**	1.0 U	4.2	1.7	
MW-9A	03/11/14	---	1.0 U	1.0 U	**23**	1.0 U	2.4	1.3	
MW-9A	03/03/15	---	1.0 U	1.0 U	**13**	1.0 U	1.7	1.3	
MW-9A	03/15/16	---	1.0 U	1.0 U	**11**	1.0 U	1.6	1.2	
MW-9A	08/21/17	---	1.0 U	1.0 U	**7.1**	1.0 U	1.6	1.1	
MW-9A	12/04/18	---	1.0 U	1.0 U	**32**	1.0 U	1.0 U	2.4	

Table 5
Groundwater Analytical Results
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California

Monitoring Well	Date Sampled	EPA 8015M	EPA 8260B						
		TEPH (TPHd) (µg/L)	**CF (µg/L)**	**1,1-DCE (µg/L)**	**c-DCE (µg/L)**	**t-DCE (µg/L)**	**PCE (µg/L)**	**TCE (µg/L)**	**OTHER VOCs**
Cal EPA MCLs (µg/L)		210[1]	80[4]	6	6	10	5	5	See values at end of table
MW-9B	07/20/98	100 U	---	10 U	10 U	10 U	**125**	**15**	Methylene chloride (**41**)
MW-9B	11/30/99	**256**	---	25 U.0	12 U.5	12 U.5	**404**	12 U.5	
MW-9B	03/15/00	100 U	---	10 U	10 U	10 U	**550**	**15**	
MW-9B	06/29/00	100 U	---	2.5 U	2.5 U	2.5 U	**210**	**6.1**	
MW-9B	09/19/00	100 U	---	2.0 U	2.0 U	2.0 U	**100**	**5.9**	
MW-9B	12/04/00	100 U	---	1.0 U	1.0 U	1.0 U	**81**	4.4	
MW-9B	03/26/01	100 U	---	0.5 U	0.5 U	0.5 U	**140**	**7.7**	
MW-9B	05/16/01	50 U	0.5 U	0.5 U	0.5 U	0.5 U	**130**	**7.3**	
MW-9B	08/20/01	50 U	0.5 U	0.5 U	0.5 U	0.5 U	**67**	4.8	
MW-9B	12/17/01	50 U	0.5 U	0.5 U	0.91	0.5 U	**130**	**7.8**	
MW-9B	02/27/02	50 U	0.5 U	0.5 U	0.69	0.5 U	**85**	**6.9**	
MW-9B	06/03/02	50 U	0.5 U	0.5 U	0.58	0.5 U	**49**	**5.1**	
MW-9B	08/12/02	50 U	0.5 U	0.5 U	0.53	0.5 U	**88**	**6.9**	
MW-9B	11/11/02	50 U	0.5 U	0.5 U	0.79	5.0 U	**45**	**6.4**	
MW-9B	03/10/03	50 U	0.5 U	0.5 U	0.60	0.5 U	**36**	4.1	
MW-9B	05/19/03	50 U	0.5 U	0.5 U	0.89	0.5 U	**46**	4.6	
MW-9B	08/25/03	50 U	0.5 U	0.5 U	0.97	0.5 U	**32**	4.2	
MW-9B	11/17/03	50 U	0.5 U	0.5 U	0.97	0.5 U	**22**	3.8	
MW-9B	03/22/04	50 U	0.5 U	0.5 U	0.5 U	0.5 U	**18**	2.2	
MW-9B	05/17/04	50 U	0.5 U	0.5 U	0.84	0.5 U	**15**	2.4	
MW-9B	08/16/04	50 U	0.5 U	0.5 U	1.0 U	0.5 U	**5.4**	1.3	
MW-9B	11/15/04	50 U	0.5 U	1.0 U	0.5 U	0.5 U	3.0	0.5 U	
MW-9B	03/15/05	50 U	0.5 U	1.0 U	0.50	0.5 U	1.6	0.68	
MW-9B	06/13/05	50 U	0.5 U	1.0 U	0.56	0.5 U	0.5 U	1.4	
MW-9B	08/24/05	50 U	0.73	1.0 U	0.5 U	0.5 U	1.0	0.5 U	
MW-9B	12/22/05	44 U	0.22 U	0.31 U	0.35 U	0.29 U	1.3	0.30 U	
MW-9B	05/31/06	48 U	0.94J,B	0.31 U	0.83J	0.29 U	3.5	0.89J	Methylene chloride (**7.3J,B**)
MW-9B	09/15/06	48 U	0.49J	0.26 U	1.3	0.83 U	1.3	0.31 U	Acetone (7.6J,B)
MW-9B	12/22/06	48 U	0.29 U	0.26 U	0.63 U	0.83 U	1.9	0.31 U	
MW-9B	03/21/07	48 U	0.29 U	0.26 U	1.6	0.83 U	1.8	2.4	
MW-9B	06/20/07	48 U	0.24 U	0.29 U	**6.1**	0.38 U	0.35 U	0.68J	
MW-9B	09/19/07	48 U	0.24 U	0.29 U	0.35 U	0.38 U	3.0	0.37 U	
MW-9B	01/03/08	48 U	0.24 U	0.29 U	0.35 U	0.38 U	3.8	0.37 U	
MW-9B	09/04/08	50 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	
DUP-2	09/04/08	50 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0	1.0 U	
MW-9B	03/04/09	48 U	0.46 J	0.40 U	0.49 U	0.40 U	1.8	0.30 U	
MW-9B	12/22/09	48 U	0.33 U	0.40 U	0.51 J	0.40 U	1.5	0.30 U	
MW-9B	06/29/10	48 U	0.33 U	0.31 U	0.49 U	1.1	0.5 U1	2.1	
MW-9B	03/15/11	500 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1	1.0 U	
MW-9B	09/15/11	500 U	1.0 U	1.0 U	1.2	1.0 U	3.7	1.0 U	
MW-9B	03/21/12	500 U	1.0 U	1.0 U	1.0 U	1.0 U	4.2	1.0 U	
MW-9B	09/06/12	500 U	1.0 U	1.0 U	1.0 U	1.0 U	3.4	1.0 U	
MW-9B	03/06/13	500 U	1.0 U	1.0 U	1.0 U	1.0 U	2.1	1.0 U	
MW-9B	11/12/13	---	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	
MW-9B	03/11/14	---	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	
MW-9B	03/03/15	---	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	
MW-9B	08/21/17	---	1.0 U	1.0 U	2.7	1.0 U	1.0 U	1.0 U	
MW-9B	12/04/18	---	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	

Table 5
Groundwater Analytical Results
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California

Monitoring Well	Date Sampled	EPA 8015M	EPA 8260B						
		TEPH (TPHd) (µg/L)	**CF (µg/L)**	**1,1-DCE (µg/L)**	**c-DCE (µg/L)**	**t-DCE (µg/L)**	**PCE (µg/L)**	**TCE (µg/L)**	**OTHER VOCs**
Cal EPA MCLs (µg/L)		210[1]	80[4]	6	6	10	5	5	See values at end of table
MW-10A	07/20/98	206	---	25 U	**567**	25 U	**306**	**463**	
MW-10A	11/30/99	678	---	100 U	**1680**	50 U	**131**	**268**	
MW-10A	03/15/00	100 U	---	25 U	**1600**	**26**	**110**	**200**	
MW-10A	06/29/00	100 U	---	25 U	**1200**	25 U	**110**	**280**	
MW-10A	09/19/00	490	---	12 U	**900**	**18**	**93**	**170**	
MW-10A	12/04/00	100 U	---	10 U	**560**	**12**	**58**	**66**	
MW-10A	03/26/01	160	---	2.5 U	**850**	**16**	**97**	**140**	
MW-10A	05/16/01	170	2.5 U	2.5 U	**980**	**18**	**84**	**140**	
MW-10A	08/20/01	100	2.5 U	2.5 U	**800**	**13**	**79**	**110**	
MW-10A	12/17/01	99	2.5 U	2.5 U	**750**	**14**	**69**	**77**	
MW-10A	02/27/02	100	5.0 U	5.0 U	**1100**	**18**	**60**	**73**	
MW-10A	06/03/02	140	5.0 U	5.0 U	**1200**	**14**	**44**	**58**	
MW-10A	08/12/02	450	50 U	5.0 U	**1200**	**13**	**47**	**56**	
MW-10A	11/11/02	97	2.5 U	2.5 U	**550**	7.8	**28**	**47**	
MW-10A	03/10/03	83	2.5 U	2.5 U	**780**	8.0	**37**	**36**	
MW-10A	05/19/03	83	2.5 U	2.5 U	**360**	4.1	**26**	**27**	
MW-10A	08/25/03	94	2.5 U	2.5 U	**680**	7.3	**26**	**39**	Vinyl Chloride (**7.6**)
MW-10A	11/17/03	100	2.5 U	2.5 U	**940**	**10**	**35**	**42**	
MW-10A	03/22/04	140	2.5 U	2.5 U	**380**	5.7	**12**	**12**	
MW-10A	05/17/04	120	2.5 U	5.0	**540**	7.3	**28**	**25**	
MW-10A	08/16/04	140	2.5 U	1.0 U	**670**	7.8	**24**	**22**	
MW-10A	11/15/04	180	2.5 U	5.0 U	**490**	5.1	**17**	**13**	
MW-10A	03/16/05	110	5.0 U	10 U	**1000**	**14**	**16**	**32**	
MW-10A	06/14/05	180	5.0 U	10 U	**510**	**18**	**7.1**	**24**	
MW-10A	08/25/05	120	5.0 U	10 U	**470**	6.9	**20**	**22**	
MW-10A	12/22/05	88	0.43 U	0.61 U	**350**	5.3	**25**	**19**	
MW-10A	05/31/06	48 U	1.1J,B	0.61 U	**280**	**11**	**14**	**11**	Methylene chloride (**31**B) Vinyl Chloride (**1.7**)
MW-10A	09/15/06	48 U	0.5 U9	0.5 U1	**260**	8.1	**13**	**11**	Vinyl Chloride (**3.4**)
MW-10A	12/22/06	48 U	0.5 U9	0.5 U1	**200**	2.5	**13**	**8.6**	Vinyl Chloride (**1.9**)
MW-10A	03/21/07	69	0.29 U	0.26 U	**160**	2.9	**11**	**8.0**	Vinyl Chloride (**0.53**)
MW-10A	06/20/07	72	0.24 U	0.29 U	**160**	1.8	**9.8**	**5.6**	Vinyl Chloride (**1.1**)
MW-10A	09/19/07	64	0.24 U	0.29 U	**120**	1.3	**7.4**	4.3	Vinyl Chloride (**0.52**)
MW-10A	01/03/08	53	0.24 U	0.29 U	**95**	0.81 J	**9.0**	4.4	Carbon Disulfide (0.64 J) Vinyl Chloride (0.41 J)
MW-10A	09/05/08	67	1.0 U	1.0 U	**160**	2.3	**13**	**7.6**	Vinyl Chloride (**2.7**)
MW-10A	03/04/09	48 U	0.33 U	0.40 U	**110**	1.4	**6.9**	**5.3**	Vinyl Chloride (**1.9**)
MW-10A	12/22/09	48 U	0.33 U	0.40 U	**91**	2.1	**11**	**6**	Vinyl Chloride (**1.3**) Ethanol (51 J)
MW-10A	06/29/10	48 U	0.33 U	0.31 U	**140**	1.8	**7.2**	**6.3**	Vinyl Chloride (**4.9**)
MW-10A	03/15/11	500 U	1.0 U	1.0 U	**100**	1.0	**5.5**	**6.1**	Vinyl Chloride (**3.0**)
MW-10A	09/14/11	500 U	1.0 U	1.0 U	**57**	2.2	**6.9**	**6.3**	Vinyl Chloride (**1.6**)
MW-10A	03/21/12	500 U	1.0 U	1.0 U	**32**	3.2	**7.0**	**4.6**	Vinyl Chloride (**0.67**)
MW-10A	09/06/12	500 U	1.0 U	1.0 U	**21**	1.4	3.4	2.6	Vinyl Chloride (**0.59**)
MW-10A	03/06/13	500 U	1.0 U	1.0 U	**19**	1.0 U	1.4	2.3	
MW-10A	11/11/13	---	1.0 U	1.0 U	**28**	1.0 U	4.6	3.1	
MW-10A	03/11/14	---	1.0 U	1.0 U	**26**	1.0 U	**5.4**	3.1	
MW-10A	09/11/14	---	1.0 U	1.0 U	**23**	1.0 U	4.4	2.9	
MW-10A	03/03/15	---	1.0 U	1.0 U	**11**	1.0 U	4.0	2.4	
MW-10A	10/20/15	---	1.0 U	1.0 U	**9.6**	1.0 U	3.5	2.6	
MW-10A	03/15/16	---	1.0 U	1.0 U	**13**	1.0 U	3.5	2.9	
MW-10A	08/21/17	---	1.0 U	1.0 U	**9.9**	1.0 U	1.0 U	1.4	
MW-10A (DUP-1)	08/21/17	---	1.0 U	1.0 U	**9.9**	1.0 U	1.0 U	1.4	
MW-10A	06/07/18	---	1.0 U	1.0 U	2.6	1.0 U	4.5	2.2	
MW-10A	12/04/18	---	1.0 U	1.0 U	**8.3**	1.0 U	1.0 U	2.2	

Table 5
Groundwater Analytical Results
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California

Monitoring Well	Date Sampled	EPA 8015M	EPA 8260B						
		TEPH (TPHd) (µg/L)	**CF (µg/L)**	**1,1-DCE (µg/L)**	**c-DCE (µg/L)**	**t-DCE (µg/L)**	**PCE (µg/L)**	**TCE (µg/L)**	**OTHER VOCs**
Cal EPA MCLs (µg/L)		210[1]	80[4]	6	6	10	5	5	See values at end of table
MW-10B	07/20/98	100 U	---	2.5 U	**73.7**	2.5 U	**69.5**	**33.2**	
MW-10B	11/30/99	100 U	---	4 U	**50.3**	2.0 U	**41**	**46.5**	
MW-10B	03/15/00	100 U	---	1.0 U	**39**	**1.0**	**21**	**24**	
MW-10B	06/29/00	100 U	---	1.0 U	**31**	1.1	**18**	**20**	
MW-10B	09/19/00	100 U	---	1.0 U	**36**	1.4	**18**	**20**	
MW-10B	12/04/00	100 U	---	1.0 U	**28**	1.2	**14**	**15**	
MW-10B	03/26/01	57	---	0.5 U	**52**	2.8	**23**	**27**	
MW-10B	05/16/01	50 U	0.5 U	0.5 U	**41**	1.9	**17**	**19**	
MW-10B	08/20/01	50 U	0.5 U	0.5 U	**46**	0.5 U	**17**	**19**	
MW-10B	12/17/01	50 U	0.5 U	0.5 U	**38**	0.5 U	**17**	**17**	
MW-10B	02/27/02	50 U	0.5 U	0.5 U	**24**	0.77	**13**	**13**	
MW-10B	06/03/02	50 U	0.5 U	0.5 U	**15**	0.5 U	**9.5**	**9.5**	
MW-10B	08/12/02	50 U	0.5 U	0.5 U	**11**	0.5 U	**9.0**	**7.6**	
MW-10B	11/11/02	50 U	0.5 U	0.5 U	**6.8**	0.5 U	**5.3**	**6.9**	
MW-10B	03/10/03	50 U	0.5 U	0.5 U	3.7	0.5 U	4.5	4.6	
MW-10B	05/19/03	50 U	0.5 U	0.5 U	4.0	0.5 U	**5.6**	4.5	
MW-10B	08/25/03	50 U	0.5 U	0.5 U	4.0	0.5 U	**7.8**	**6.0**	
MW-10B	11/17/03	50 U	0.5 U	0.5 U	3.8	0.5 U	**7.9**	**5.9**	
MW-10B	03/22/04	50 U	0.5 U	0.5 U	2.7	0.5 U	**2.8**	1.9	
MW-10B	05/17/04	50 U	0.5 U	0.5 U	1.6	0.5 U	**7.0**	4.9	
MW-10B	08/16/04	50 U	0.5 U	1.0 U	0.96	0.5 U	**7.1**	**5.4**	
MW-10B	11/15/04	50 U	0.5 U	1.0 U	0.84	0.5 U	**7.1**	**5.8**	
MW-10B	03/15/05	50 U	0.5 U	1.0 U	3.2	0.5 U	**5.8**	**5.2**	
MW-10B	06/13/05	50 U	0.5 U	1.0 U	**8.8**	0.82	3.4	4.4	
MW-10B	08/24/05	50 U	0.5 U	1.0 U	**22**	0.51	3.6	4.3	
MW-10B	12/22/05	44 U	0.22 U	0.31 U	**15**	0.29 U	4.3	4.6	
MW-10B	05/31/06	48 U	0.53J,B	0.31 U	**7.1**	0.31J	3.3	2.9	Methylene chloride (**13B**)
MW-10B	09/15/06	48 U	0.29 U	0.26 U	**7.3**	0.83 U	**5.1**	3.5	
MW-10B	12/22/06	48 U	0.29 U	0.26 U	5.8	0.83 U	3.7	3.4	Tert-butyl alcohol (9.3J)
MW-10B	03/21/07	48 U	0.29 U	0.26 U	3.7	0.83 U	3.0	2.4	
MW-10B	06/20/07	48 U	0.24 U	0.29 U	3.4	0.38 U	4.8	3.4	
MW-10B	09/19/07	48 U	0.29 U	0.29 U	2.5	0.38 U	**5.4**	3.6	
MW-10B	01/03/08	48 U	0.24 U	0.29 U	1.5	0.38 U	**5.3**	3.3	
MW-10B	09/05/08	50 U	1.0 U	1.0 U	1.9	1.0 U	**6.2**	4.5	
MW-10B	03/04/09	48 U	0.33 U	0.40 U	2.3	0.40 U	3.4	3.4	
MW-10B	12/22/09	48 U	0.33 U	0.40 U	3.0	0.40 U	**5.3**	3.9	
MW-10B	06/29/10	48 U	0.33 U	0.31 U	2.6	0.40 U	**5.7**	4.3	
MW-10B	03/15/11	500 U	1.0 U	1.0 U	**11**	1.0 U	**6.1**	3.5	
MW-10B	09/14/11	500 U	1.0 U	1.0 U	**12**	1.0 U	**7.0**	3.9	
MW-10B	03/21/12	500 U	1.0 U	1.0 U	**12**	1.0 U	1.0 U	2.1	
MW-10B	09/06/12	500 U	1.0 U	1.0 U	**6.6**	1.0 U	**5.8**	3.5	
MW-10B	03/06/13	500 U	1.0 U	1.0 U	5.3	1.0 U	4.7	3.5	
MW-10B	11/11/13	---	1.0 U	1.0 U	**9.5**	1.0 U	1.0 U	1.1	
MW-10B (DUP-1)	11/11/13	---	1.0 U	1.0 U	**9.2**	1.0 U	1.0 U	1.1	
MW-10B	03/11/14	---	1.0 U	1.0 U	**8.6**	1.0 U	1.0 U	1.1	
MW-10B (DUP-1)	03/11/14	---	1.0 U	1.0 U	**12**	1.0 U	1.0 U	1.6	
MW-10B	03/03/15	---	1.0 U	1.0 U	**7.1**	1.0 U	1.0 U	1.1	
MW-10B (DUP-1)	03/03/15	---	1.0 U	1.0 U	**7.5**	1.0 U	1.0 U	1.0 U	
MW-10B	03/15/16	---	1.0 U	1.0 U	**8.6**	1.0 U	1.0 U	1.0 U	
DUP-1	03/15/16	---	1.0 U	1.0 U	**8.6**	1.0 U	1.0 U	1.0 U	
MW-10B	08/21/17	---	1.0 U	1.0 U	**6.2**	1.0 U	1.0 U	1.0 U	
MW-10B	12/04/18	---	1.0 U	1.0 U	4.5	1.0 U	1.0 U	1.1	

Table 5
Groundwater Analytical Results
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California

Monitoring Well	Date Sampled	EPA 8015M	EPA 8260B						
		TEPH (TPHd) (µg/L)	**CF (µg/L)**	**1,1-DCE (µg/L)**	**c-DCE (µg/L)**	**t-DCE (µg/L)**	**PCE (µg/L)**	**TCE (µg/L)**	**OTHER VOCs**
Cal EPA MCLs (µg/L)		210[1]	80[4]	6	6	10	5	5	See values at end of table
MW-15	11/11/02	87	2.5 U	2.5 U	**190**	4.8	**56**	**62**	
MW-15	03/10/03	58	1.0 U	1.0 U	**180**	2.9	**60**	**42**	
MW-15	05/19/03	63	1.0 U	1.0 U	**150**	2.4	**43**	**37**	
MW-15	08/25/03	72	1.2	1.0 U	**290**	3.4	**67**	**70**	
MW-15	11/17/03	80	1.0 U	1.0 U	**340**	5.0	**77**	**92**	
MW-15	03/22/04	100	1.0 U	1.0 U	**300**	5.2	**74**	**59**	
MW-15	05/17/04	130	2.5 U	2.5 U	**270**	4.9	**63**	**60**	
MW-15	08/16/04	110	1.0 U	2.0 U	**260**	4.2	**65**	**62**	
MW-15	11/15/04	130	1.0 U	2.0 U	**320**	4.1	**67**	**66**	
MW-15	03/16/05	86	1.2	2.0 U	**250**	3.1	**35**	**50**	
MW-15	06/14/05	**210**	2.5 U	5.0 U	**640**	**13**	**65**	**86**	Naphthalene (15)
MW-15	08/24/05	140	2.5 U	5.0 U	**510**	9.9	**61**	**63**	
MW-15	12/21/05	110	0.69J	0.61 U	**320**	6.6	**58**	**51**	
MW-15	06/05/06	130	0.77J,B	0.31 U	**240**	**21**	**55**	**43**	Methylene chloride (4.7J,B)
MW-15	09/14/06	48 U	0.73J	0.26 U	**240**	**21**	**35**	**36**	Acetone (7.3B)
MW-15	12/21/06	48 U	0.61J	0.5 U1	**160**	**12**	**27**	**23**	Acetone (17J)
MW-15	03/20/07	110	0.65 J	0.26 U	**240**	5.4	**59**	**39**	
MW-15	06/19/07	49	0.60J	0.5 U9	**180**	4.5	**34**	**29**	
MW-15 DUP-1	06/19/07	---	0.58J	0.29 U	**180**	4.1	**35**	**28**	
MW-15	09/18/07	83	0.59 J	0.29 U	**140**	3.0	**26**	**24**	Methylene Chloride (**6.2** J)
MW-15	01/02/08	69	0.61 J	0.29 U	**110**	2.1	**24**	**19**	
MW-15	09/04/08	50 U	1.0 U	1.0 U	**250**	3.5	**32**	**45**	
MW-15	03/05/09	48 U	0.49 J	0.40 U	**130**	2.7	**22**	**25**	
MW-15	12/21/09	50 J	0.52 J	0.40 U	**110**	6.5	**34**	**29**	
MW-15	06/29/10	48 U	0.53	0.31 U	**130**	1.8	**34**	**40**	
MW-15	03/14/11	500 U	1.0 U	1.0 U	**120**	1.7	**27**	**45**	
MW-15	09/14/11	500 U	1.0 U	1.0 U	**210**	9.3	**36**	**50**	
MW-15	03/21/12	500 U	1.0 U	1.0 U	**150**	8.5	**33**	**29**	
MW-15	09/06/12	500 U	1.0 U	1.0 U	**110**	4.4	**27**	**21**	
MW-15	03/07/13	500 U	1.0 U	1.0 U	**53**	1.1	**21**	**13**	
MW-15	11/12/13	---	1.0 U	1.0 U	**45**	1.1	**18**	**10**	
MW-15	03/12/14	---	1.0 U	1.0 U	**40**	1.0 U	**16**	**11**	
MW-15	09/12/14	---	1.0 U	1.0 U	**26**	1.0 U	**14**	**9.0**	
MW-15	03/03/15	---	1.0 U	1.0 U	**11**	1.0 U	**12**	**6.3**	
MW-15	10/20/15	---	1.0 U	1.0 U	4.4	1.0 U	**9.4**	3.7	
MW-15	03/16/16	---	1.0 U	1.0 U	3.4	1.0 U	**8.7**	2.7	
MW-15	08/21/17	---	1.0 U	1.0 U	**6.7**	1.0 U	**9.0**	2.6	
MW-15	06/07/18	---	1.0 U	1.0 U	3.1	1.0 U	**6.3**	1.5	
MW-15-DUP1	06/07/18	---	1.0 U	1.0 U	2.9	1.0 U	**6.7**	1.7	
MW-15	12/04/18	---	1.0 U	1.0 U	1.5	1.0 U	**7.5**	1.3	
MW-15-DUP1	12/04/18	---	1.0 U	1.0 U	1.5	1.0 U	**7.7**	1.4	
MW-16A	06/05/06	**1500**	0.46J,B	2.1	**3200**	**72**	**65**	**620**	sec-Butylbenzene (2.8) tert-Butylbenzene (1.4) Isopropylbenzene (0.43) Methylene chloride (4.6J,B) Vinyl chloride (**0.87**)
MW-16A	09/15/06	48 U	0.38J	0.26 U	**26**	0.84J	**13**	**31**	
MW-16A	12/28/06	**1100**	2.9 U	2.6 U	**1100**	**26**	**98**	**200**	Toluene (2.9J,B)
MW-16A	03/21/07	**930**	0.5 U9	0.58 J	**470**	9.7	**38**	**77**	Carbon Disulfide (5.5 J) Vinyl Chloride (**1.1**)
MW-16A	06/20/07	**870**	1.2 U	1.5 U	**1000**	**23**	**36**	**100**	
MW-16A	09/19/07	**1000**	1.2 U	1.5 U	**1100**	**22**	**38**	**220**	
MW-16A	01/03/08	**1100**	2.4 U	2.9 U	**1900**	**28**	**48**	**92**	

Table 5
Groundwater Analytical Results
Former Welch's Uniform Site
3505 Pasadena Avenue, Los Angeles, California

Monitoring Well	Date Sampled	EPA 8015M	EPA 8260B						
		TEPH (TPHd) (µg/L)	**CF (µg/L)**	**1,1-DCE (µg/L)**	**c-DCE (µg/L)**	**t-DCE (µg/L)**	**PCE (µg/L)**	**TCE (µg/L)**	**OTHER VOCs**
Cal EPA MCLs (µg/L)		210[1]	80[4]	6	6	10	5	5	See values at end of table
MW-16A	09/05/08	**910**	1.0 U	1.0 U	**2600**	**62**	**28**	**180**	Vinyl Chloride (**2.4**)
MW-16A	03/05/09	**360**	0.33 U	0.93 J	**1900**	**47**	**18**	**97**	Vinyl Chloride (**6.3**)
DUP-1	03/05/09	**360**	0.33 U	1.0	**2300**	**48**	**21**	**100**	Vinyl Chloride (**6.9**)
MW-16A	12/22/09	**240**	0.65 J	0.66 J	**1000**	**22**	**15**	**65**	Vinyl Chloride (**6.3**)
DUP-1	12/22/09	---	0.61 J	0.59 J	**950**	**23**	**15**	**70**	Vinyl Chloride (**6.3**)
MW-16A	06/30/10	330	3.3 U	3.1 U	**2500**	**41**	**88**	**470**	Vinyl Chloride (**50**)
DUP-1	06/30/10	---	3.3 U	3.1 U	**2300**	**60**	**93**	**440**	Vinyl Chloride (**43**)
MW-16A	03/15/11	500 U	1.0 U	1.3	**8800**	**120**	**73**	**330**	Vinyl Chloride (**64**)
Dup-2 (MW-16A)	03/15/11	500 U	5.0 U	5.0 U	**8900**	**120**	**68**	**340**	Vinyl Chloride (**88**)
MW-16A	09/15/11	500 U	1.0 U	1.0 U	**360**	**16**	**24**	**66**	Vinyl Chloride (1.4)
Dup-2 (MW-16A)	09/15/11	500 U	1.0 U	2.0 U	**380**	**38**	**26**	**64**	Vinyl Chloride (1.5)
MW-16A	03/22/12	500 U	2.0 U	2.0 U	**2500**	**69**	**35**	**93**	Vinyl Chloride (**51**)
Dup-2 (MW-16A)	03/22/12	500 U	2.0 U	2.0 U	**2300**	**71**	**28**	**79**	Vinyl Chloride (**48**)
MW-16A	09/06/12	500 U	20 U	20 U	**1600**	**50**	**26**	**120**	Vinyl Chloride (**110**)
Dup-2 (MW-16A)	09/06/12	500 U	10 U	10 U	**2000**	**54**	**24**	**120**	Vinyl Chloride (**110**)
MW-16A	03/07/13	500 U	10 U	10 U	**970**	**28**	**15**	**31**	Vinyl Chloride (**98**)
MW-16A	11/12/13	---	10 U	10 U	**460**	**13**	**9.7**	**27**	Vinyl Chloride (4.8)
MW-16A	03/12/14	---	1.0 U	1.0 U	**15**	2.3	1.2	1.0	
MW-16A	03/02/15	---	1.0 U	1.0 U	**16**	1.0 U	**12**	**12**	
MW-16A	03/16/16	---	1.0 U	1.0 U	**9.5**	1.0 U	**12**	4.3	
MW-16A	08/21/17	---	1.0 U	1.0 U	**66**	1.0 U	**30**	**17**	
MW-16A	06/07/18	---	1.0 U	1.0 U	**43**	1.0 U	**13**	**8.2**	
MW-16A	12/04/18	---	1.0 U	1.0 U	**15**	1.0 U	**11**	**5.4**	

ABBREVIATIONS / LEGEND:

B: Potential bias error, analyte detected in quality control blank
EPA: Environmental Protection Agency
J: Estimated value
µg/L: Micrograms per liter
MCL: California EPA Maximum Contaminant Level for drinking water August 2015
---: Not analyzed, not available, well lost, destroyed, or abandoned
U: Non-detect at or above method detection limit
VOCs: Volatile organic compounds
BOLD Indicates concentrations at or above listed screening levels
[1]: A Compilation of Water Quality Goals (August 2003 and updates), CalEPA RWQCB - Central Valley R
[2]: California Office of Environmental Health Hazard Assessment Public Health Goal
[3]: Well K-3 not purged on 6/29/00 due to low walter level.
[4]: Chloroform, 2013 Tier 1 ESL = 80 ug/L

CF Chloroform
1,1-DCE: 1,1-dichloroethene
c-DCE: cis-1,2-dichloroethene
t-DCE: trans-1,2-dichloroethene
MTBE: Methyl tertiary butyl ether
1,1,1,2-PCA: 1,1,1,2-tetrachloroethane
1,1,2,2-PCA: 1,1,2,2-tetrachloroethane
PCE: Tetrachloroethene
TCE: Trichloroethene
TEPH: Total extractable petroleum hydrocarbons expressed as diesel

Screening Levels for Other VOCs (µg/L)

Methylene chloride = 5 ug/L (MCL)
Vinyl Chloride = 0.5 ug/L (MCL)
1,2-Dichlorobenzene = 600 ug/L (MCL)
1,2,4-Trichlorobenzene = 5 ug/L (MCL)
1,1,1,2-tetrachloroethane = 1.0 ug/L (MCL)
Bromoform = 80 ug/L (2013 Tier 1 Environmental Screening Level)
Dibromochloromethane = 80 ug/L (2013 Tier 1 Environmental Screening Level)

APPENDIX A

WELL PURGING LOGS

WELL GAUGING DATA

Project # 181204-EV1 Date 12/4/18 Client ~~APEX~~

Site Ameripride

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or ~~TOC~~	Notes
MW-2	Abandoned						—	—		
MW-3	0850	4					37.76	69.93		*
MW-7	Abandoned						—	—		
MW-8A	Abandoned						—	—		
MW-9A	0820	4					39.75	62.00		*
MW-9B	0825	4					39.80	90.55		*
MW-10A	0835	4					42.31	62.16		*
MW-10B	0830	4					41.72	91.32		*
MW-12	Abandoned						—	—		
MW-13A	Abandoned						—	—		
MW-13B	Abandoned						—	—		
MW-14	Abandoned						—	—		
MW-15	0920	4					39.73	54.86		*
MW-16A	0910	4					36.95	45.33		*
MW-16B	Abandoned						—	—		
K-1	Abandoned						—	—	✓	

* = Tubing in well

LOW FLOW WELL MONITORING DATA SHEET

Project #: 181204-EV1	Client: APEX
Sampler: E. Vail	Gauging Date: 12/4/18
Well I.D.: MW-3	Well Diameter (in.): 2 3 (4) 6 8 ___
Total Well Depth (ft.): 69.93	Depth to Water (ft.): 37.76
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI 556

Purge Method: (2" Grundfos Pump) Peristaltic Pump Bladder Pump
Sampling Method: (Dedicated Tubing) New Tubing Other ___

Start Purge Time: 1232 Flow Rate: 200 mL/min Pump Depth: 65

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or (mL))	Depth to Water (ft.)
1235	21.8	6.98	1650	11	4.61	42.0	600	37.96
1238	22.0	6.92	1646	7	4.56	46.1	1200	38.02
1241	22.2	6.90	1645	6	4.54	47.8	1800	38.06
1244	22.2	6.90	1645	7	4.52	49.6	2400	38.07
1247	22.3	6.89	1642	7	4.49	50.3	3000	38.07

Did well dewater? Yes (No) Amount actually evacuated: 3.0L

Sampling Time: 1248 Sampling Date: 12/4/18

Sample I.D.: MW-3 Laboratory: See COC

Analyzed for: TPH-G BTEX MTBE TPH-D Other: See COC

Equipment Blank I.D.: @ Time Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 181204-EV1	Client: APEX
Sampler: E. Vail	Gauging Date: 12/4/18
Well I.D.: MW-9A	Well Diameter (in.): 2 3 (4) 6 8 ____
Total Well Depth (ft.): 62.00	Depth to Water (ft.): 39.75
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump (2) Peristaltic Pump Bladder Pump
Sampling Method: Dedicated Tubing New Tubing Other ____

Start Purge Time: 1050 Flow Rate: 200 mL/min Pump Depth: 57

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1053	22.7	7.11	1822	19	1.07	-128.5	600	39.98
1056	22.8	7.09	1816	14	0.86	-117.6	1200	40.02
1059	22.9	7.07	1814	13	0.81	-114.2	1800	40.03
1102	22.9	7.06	1809	13	0.76	-111.3	2400	40.03
1105	23.0	7.06	1811	12	0.74	-109.8	3000	40.04

Did well dewater? Yes (No) Amount actually evacuated: 3.0

Sampling Time: 1106 Sampling Date: 12/4/18

Sample I.D.: MW-9A Laboratory: See COC

Analyzed for: TPH-G BTEX MTBE TPH-D Other: See COC

Equipment Blank I.D.: @ Time Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: ~~181806~~ 181204-8V1	Client: APEX
Sampler: E. Vail	Gauging Date: 12/4/18
Well I.D.: MW-9B	Well Diameter (in.): 2 3 (4) 6 8 ___
Total Well Depth (ft.): 90.55	Depth to Water (ft.): 39.80
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump | Peristaltic Pump | Bladder Pump
Sampling Method: Dedicated Tubing | New Tubing | Other ___

Start Purge Time: 1018 Flow Rate: 200 mL/min Pump Depth: 85

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1021	22.0	6.65	1824	49	2.51	1.2	600	39.93
1024	22.3	6.76	1825	38	2.35	-2.4	1200	39.96
1027	22.3	6.80	1826	36	2.28	1.0	1800	39.98
1030	22.4	6.82	1828	34	2.25	3.6	2400	39.98
1033	22.4	6.83	1831	33	2.21	5.2	3000	39.99

Did well dewater? Yes (No)	Amount actually evacuated: 3.0L
Sampling Time: 1034	Sampling Date: 12/4/18
Sample I.D.: MW-9B	Laboratory: See COC
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: See COC
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 181204-EV1	Client: APEX
Sampler: E. Vail	Gauging Date: 12/4/18
Well I.D.: MW-10A	Well Diameter (in.): 2 3 (4) 6 8 ___
Total Well Depth (ft.): 62.16	Depth to Water (ft.): 42.31
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI 556

Purge Method: (2" Grundfos Pump) Peristaltic Pump Bladder Pump
Sampling Method: (Dedicated Tubing) New Tubing Other ___

Start Purge Time: 1156 Flow Rate: 200mL/min Pump Depth: 57

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or (µS/cm))	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or (mL))	Depth to Water (ft.)
1159	22.0	6.95	1686	13	0.83	-30.1	600	42.56
1202	22.4	6.88	1680	9	0.76	-33.7	1200	42.60
1205	22.5	6.85	1676	8	0.72	-38.2	1800	42.62
1208	22.5	6.84	1672	8	0.75	-40.9	2400	42.64
1211	22.6	6.82	1659	9	0.78	-42.6	3000	42.67

Did well dewater? Yes (No)	Amount actually evacuated: 3.0L
Sampling Time: 1213	Sampling Date: 12/4/18
Sample I.D.: MW-10A	Laboratory: See COC
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: See COC
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 191204-EV1	Client: APEX
Sampler: E.Val	Gauging Date: 12/4/18
Well I.D.: MW-10B	Well Diameter (in.): 2 3 (4) 6 8 ____
Total Well Depth (ft.): 91.32	Depth to Water (ft.): 41.72
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI 556

Purge Method: (2" Grundfos Pump) Peristaltic Pump Bladder Pump
Sampling Method: (Dedicated Tubing) New Tubing Other ____

Start Purge Time: 1126 Flow Rate: 200 mL/min Pump Depth: 86 41.96'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or ~~uS/cm~~)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or (mL))	Depth to Water (ft.)
1129	22.4	7.31	1756	9	1.02	14.7	600	41.96
1132	22.3	7.28	1749	7	0.96	10.3	1200	41.99
1139	22.3	7.25	1747	6	0.91	8.2	1800	42.02
1138	22.4	7.22	1742	5	0.88	6.1	2400	42.03
1141	22.5	7.21	1740	5	0.85	4.3	3000	42.05

Did well dewater? Yes (No) Amount actually evacuated: 3.0L

Sampling Time: 1142 Sampling Date: 12/4/18

Sample I.D.: MW-10B Laboratory: See COC

Analyzed for: TPH-G BTEX MTBE TPH-D Other: See COC

Equipment Blank I.D.: @ Time Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 181204-EV1	Client: APEX
Sampler: E.Vaj	Gauging Date: 12/4/18
Well I.D.: MW-15	Well Diameter (in.): 2 3 (4) 6 8 ____
Total Well Depth (ft.): 54.86	Depth to Water (ft.): 39.73
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: ~~YSI~~ 556

Purge Method: (2" Grundfos Pump) Peristaltic Pump Bladder Pump
Sampling Method: (Dedicated Tubing) New Tubing Other ____

Start Purge Time: 0930 Flow Rate: 200 mL/min Pump Depth: 90

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
0933	21.5	6.81	1587	21	2.93	-197.2	600	39.86
0936	21.3	6.76	1580	16	2.89	-178.5	1200	39.87
0939	21.2	6.74	1576	14	2.81	-175.1	1800	39.87
0942	21.2	6.73	1577	13	2.78	-173.7	2400	39.88
0945	21.2	6.71	1579	14	2.76	-170.8	3000	39.88

Did well dewater? Yes (No) Amount actually evacuated: 3.0L

Sampling Time: 0946 Sampling Date: 12/4/18

Sample I.D.: MW-15 Laboratory: See COC

Analyzed for: TPH-G BTEX MTBE TPH-D Other: See COC

Equipment Blank I.D.: @ Time Duplicate I.D.: DUP1

LOW FLOW WELL MONITORING DATA SHEET

Project #: 181204-EV1	Client: AREX
Sampler: E. Vail	Gauging Date: 12/4/18
Well I.D.: MW-16A	Well Diameter (in.): 2 3 (4) 6 8 ___
Total Well Depth (ft.): 45.33	Depth to Water (ft.): 36.95
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI 556

Purge Method: (2") Grundfos Pump | Peristaltic Pump | Bladder Pump
Sampling Method: Dedicated Tubing | New Tubing | Other ___

Start Purge Time: 1305 Flow Rate: 200mL/min Pump Depth: 40

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1308	22.5	6.81	1779	236	3.10	59.2	600	37.14
1311	22.7	6.79	1781	148	2.96	61.3	1200	37.20
1314	22.7	6.77	1782	124	2.87	62.7	1800	37.22
1317	22.8	6.76	1782	106	2.84	64.5	2400	37.23
1320	22.8	6.76	1783	95	2.81	65.2	3000	37.23
1323	22.8	6.75	1785	91	2.83	65.9	3600	37.23
1326	22.7	6.75	1785	89	2.84	67.0	4200	37.24

Did well dewater? Yes (No) Amount actually evacuated: 4.2 L

Sampling Time: 1327 Sampling Date: 12/4/18

Sample I.D.: MW-16A Laboratory: See COC

Analyzed for: TPH-G BTEX MTBE TPH-D Other: See COC

Equipment Blank I.D.: @ Time Duplicate I.D.:

BLAINE
TECH SERVICES, INC.

1680 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112-1105
FAX (408) 573-7771
PHONE (408) 573-0555

CHAIN OF CUSTODY BTS #

CLIENT: APEX Companies LLC

SITE: Ameripride
3505 Passadena Ave
Los Angeles, CA

LAB: Calscience/Eurofins | DHS #

SPECIAL INSTRUCTIONS

Invoice and Report to: APEX

Attn: Andy Drummond (562)753-1868

Email copy of COC to Andy Drummond upon receipt

andy.drummond@apexcos.com

SAMPLE I.D.	DATE	TIME	MATRIX (S = Soil, W = H2O)	CONTAINERS TOTAL	VOC's (8260B)	ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
TB-01	12/4/18	0745	W	2	X				
MW-3	"	1248	"	4	X				
MW-9A	"	1106	"	4	X				
MW-9B	"	1034	"	4	X				
MW-10A	"	1212	"	4	X				
MW-10B	"	1142	"	4	X				
MW-15	"	0946	"	4	X				
MW-16A	"	1327	"	4	X				
DUP1	"	—	"	4	X				

SAMPLING COMPLETED: DATE 12/4/18 TIME 1415

SAMPLING PERFORMED BY: Emmanuel Vail

RESULTS NEEDED NO LATER THAN: Standard

RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
[signature]	12/4/18	1545	Nicole	12/4/18	1545
Nicole	12/4/18	1729	[signature]	12/4/18	1725

SHIPPED VIA | DATE SENT | TIME SENT | COOLER #

WELLHEAD INSPECTION CHECKLIST

Client APEX Date 12/4/18

Site Address Ameripride

Job Number 181204-EV1 Technician EV

Well ID	Well Inspected - No Corrective Action Required	WELL IS SECURABLE BY DESIGN (12"or less)	WELL IS CLEARLY MARKED WITH THE WORDS "MONITORING WELL" (12"or less)	Water Bailed From Wellbox	Wellbox Components Cleaned	Cap Replaced	Lock Replaced	Other Action Taken (explain below)	Well Not Inspected (explain below)	Repair Order Submitted
MW-2	Abandoned									
MW-3	✓	Standpipe								
MW-7	Abandoned									
MW-8A	Abandoned									
MW-9A	✓	Standpipe								
MW-9B	✓	Standpipe								
MW-10A	✓	Standpipe								
MW-10B	✓	Standpipe								
MW-12	Abandoned									
MW-13A	Abandoned									
MW-13B	Abandoned									
MW-14	Abandoned									
MW-15	✓	✓	✓							
MW-16A	✓	Standpipe								
MW-16B	Abandoned									
R-1	Abandoned									

NOTES:

SPH/Purge Water Drum Log Sheet

Site Address: ~~APEX~~ Ameripride

STATUS OF DRUM(S) UPON ARRIVAL						
Date	12/4/18					
Number of drum(s) empty:	0					
Number of drum(s) 1/4 full:	0					
Number of drum(s) 1/2 full:	0					
Number of drum(s) 3/4 full:	0					
Number of drum(s) full:	0					
Total drum(s) on site:	0					
Are the drum(s) properly labeled?	N/A					
If any drum(s) are partially or totally filled, what is the first use date:	N/A					

If you add any product to an empty or partially filled drum, make sure the drum has at least 20 gals. of water in it first. Just offload purgewater into the drum, or DI water.
The drum MUST be steel AND labeled with the appropriate label.

STATUS OF DRUM(S) UPON DEPARTURE						
Date	12/4/18					
Number of drums empty:	0					
Number of drum(s) 1/4 full:	1					
Number of drum(s) 1/2 full:	0					
Number of drum(s) 3/4 full:	0					
Number of drum(s) full:	0					
Total drum(s) on site:	1					
Are the drum(s) properly labeled?	Y					

LOCATION OF DRUM(S)
Describe location of drum(s): to the left of site entrance inside of the fence

FINAL STATUS						
Number of new drum(s) left on site this event	1					
Date of inspection:	12/4/18					
Logged by BTS Field Tech:	BV					
Office reviewed by:						

Please Notify Properity Owners of any Drums left onsite

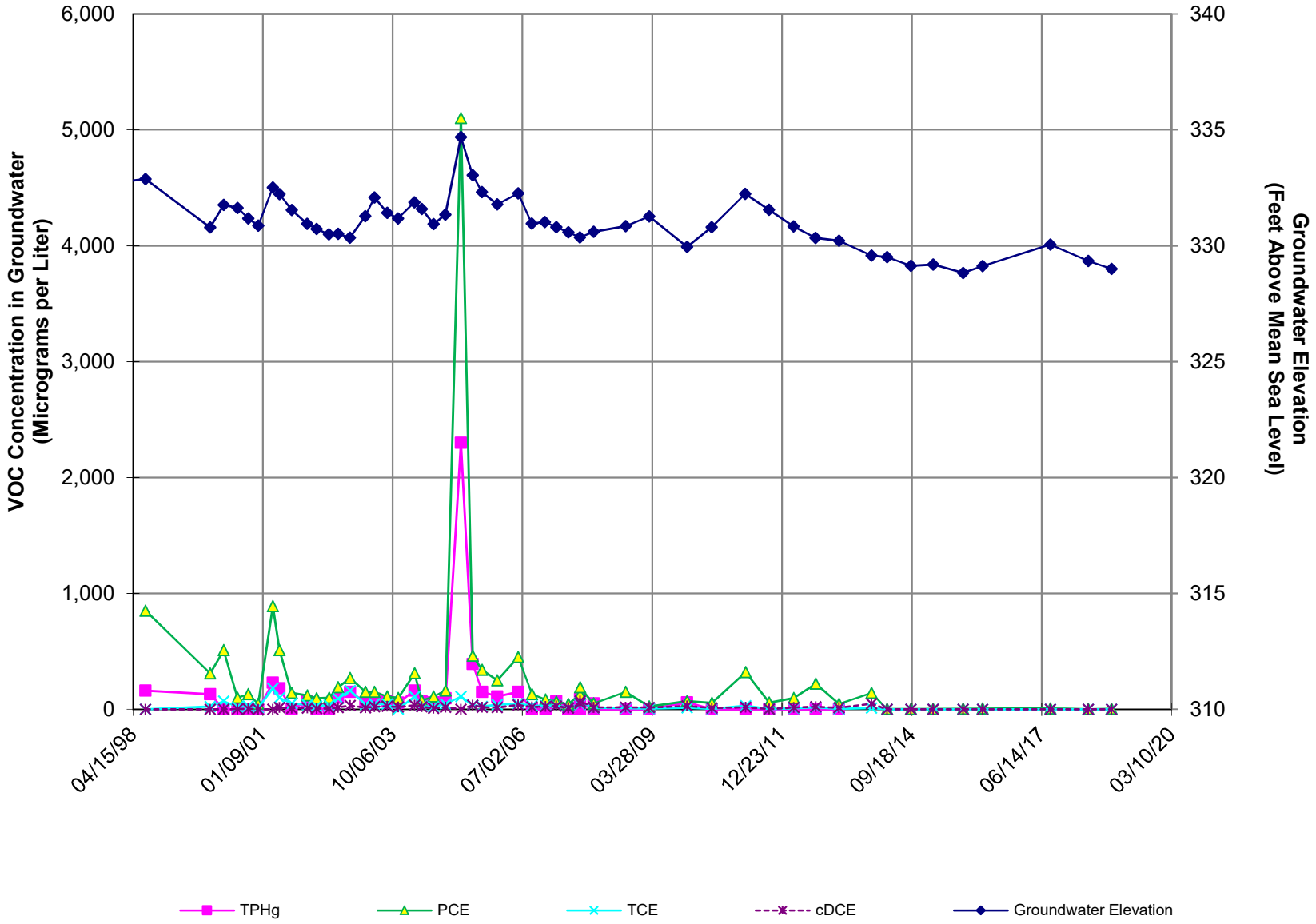
APPENDIX B

VOC CONCENTRATION AND HYDROGRAPH VS. TIME

MW-3

VOC Concentration and Hydrograph vs. Time

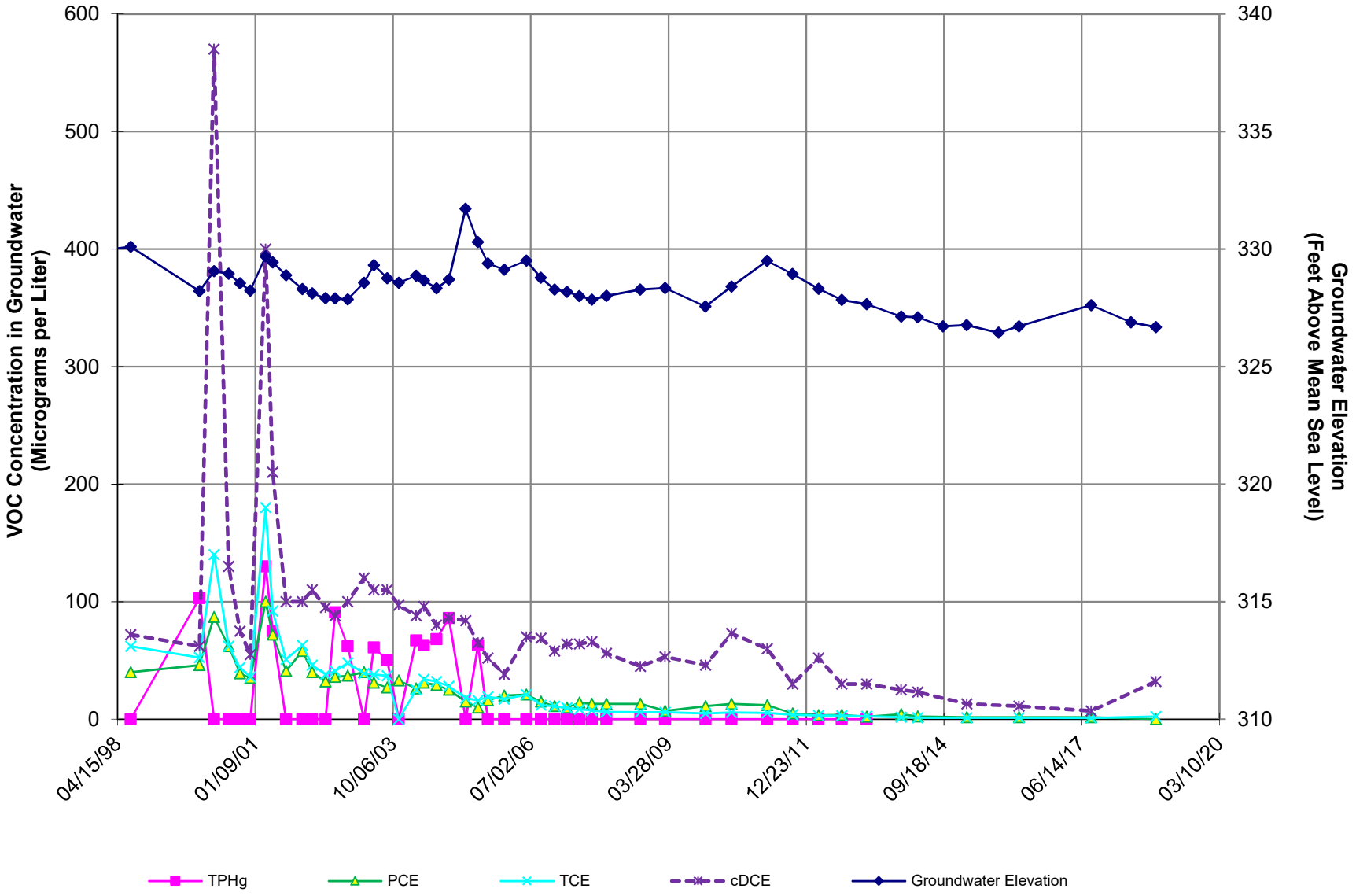
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California



MW-9A

VOC Concentration and Hydrograph vs. Time

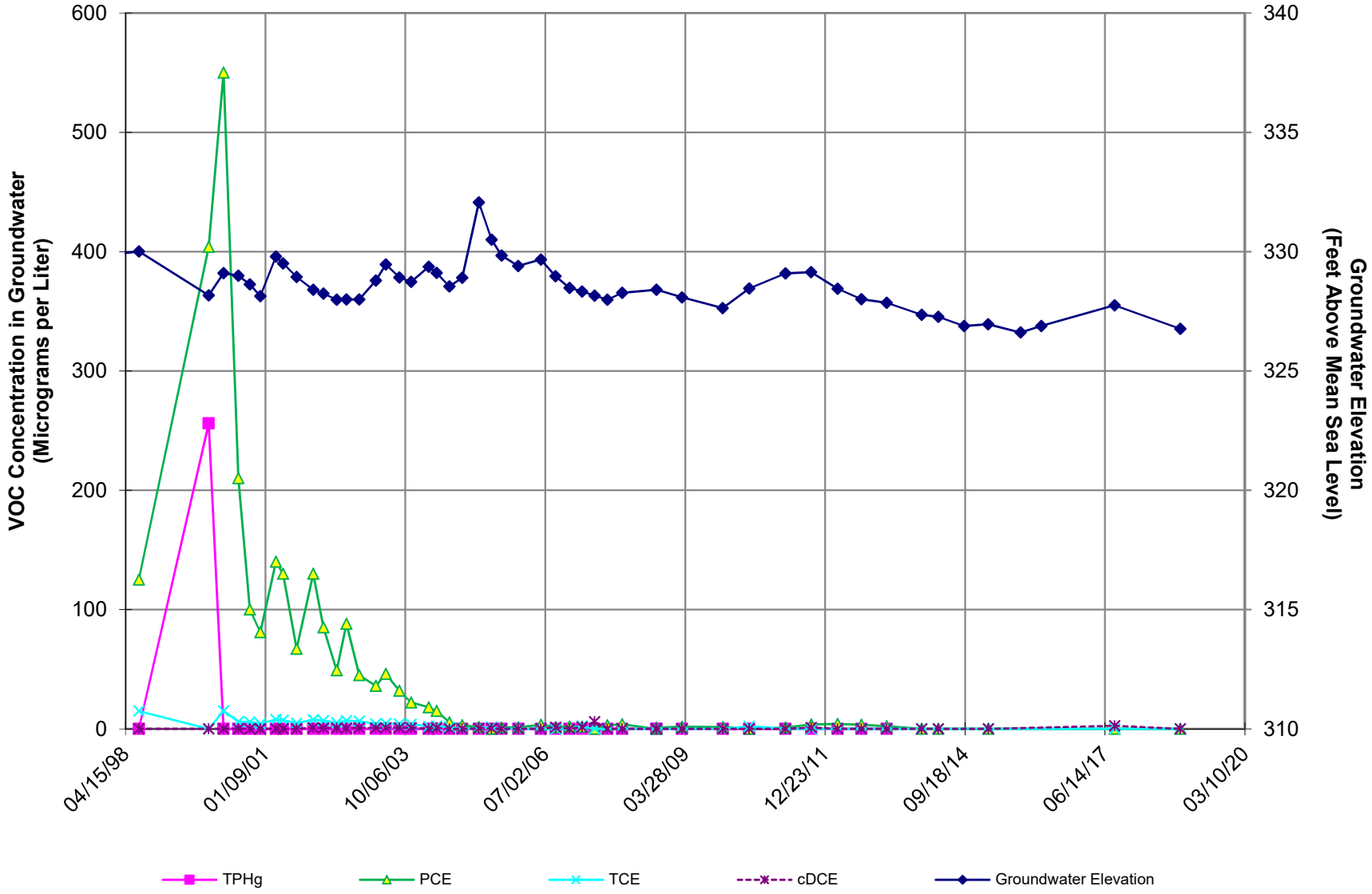
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California



MW-9B

VOC Concentration and Hydrograph vs. Time

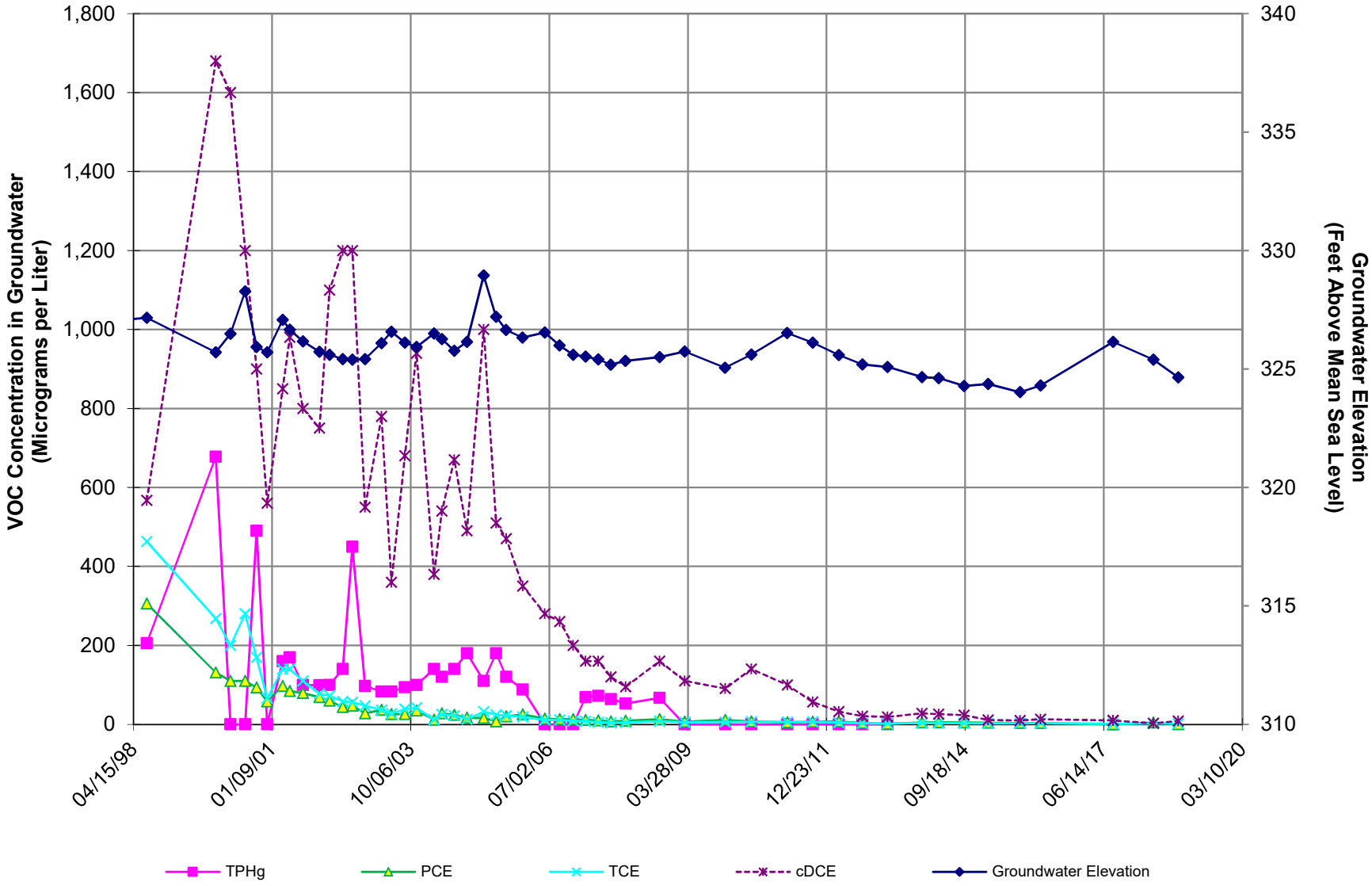
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California



MW-10A

VOC Concentration and Hydrograph vs. Time

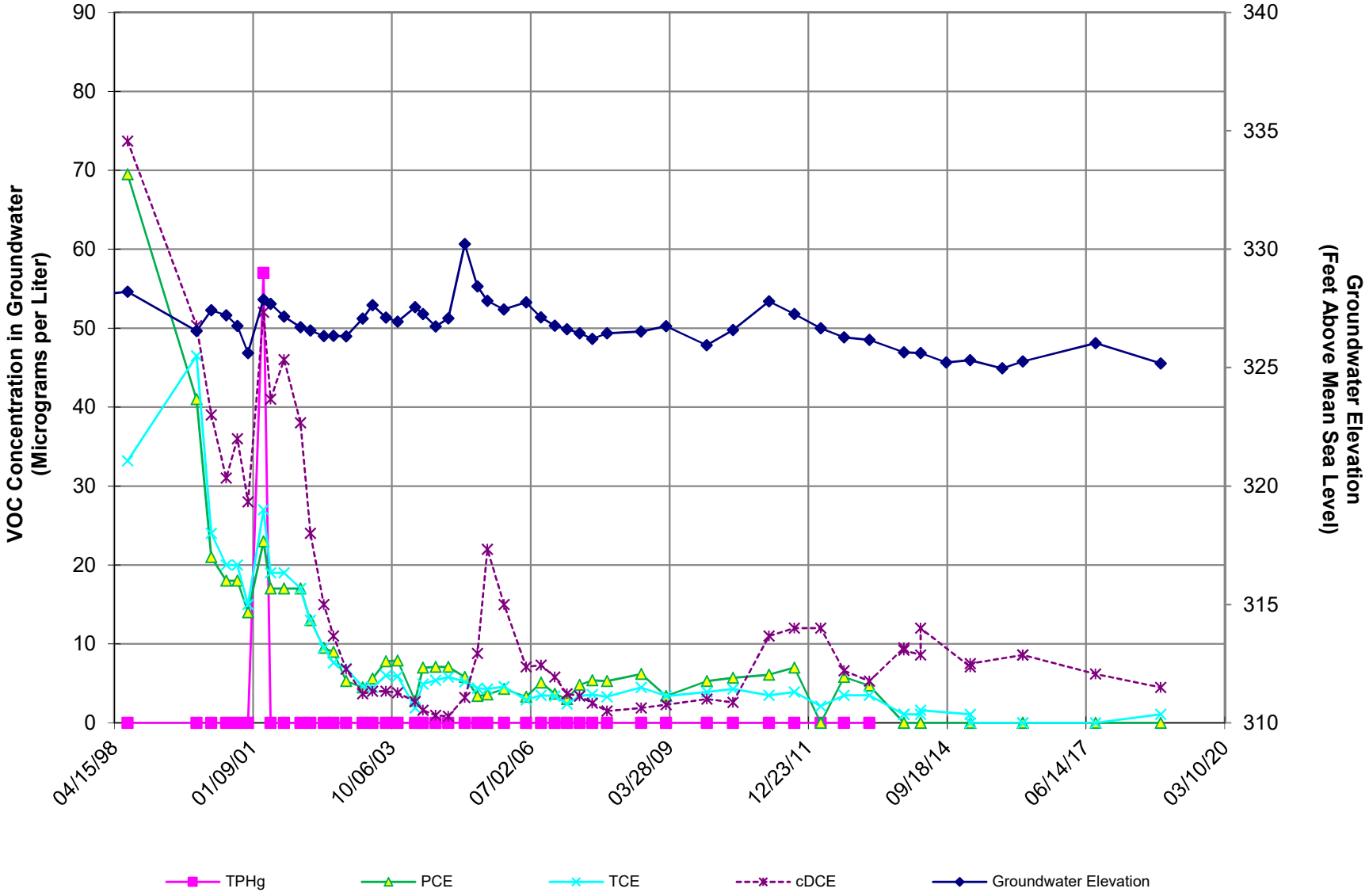
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California



MW-10B

VOC Concentration and Hydrograph vs. Time

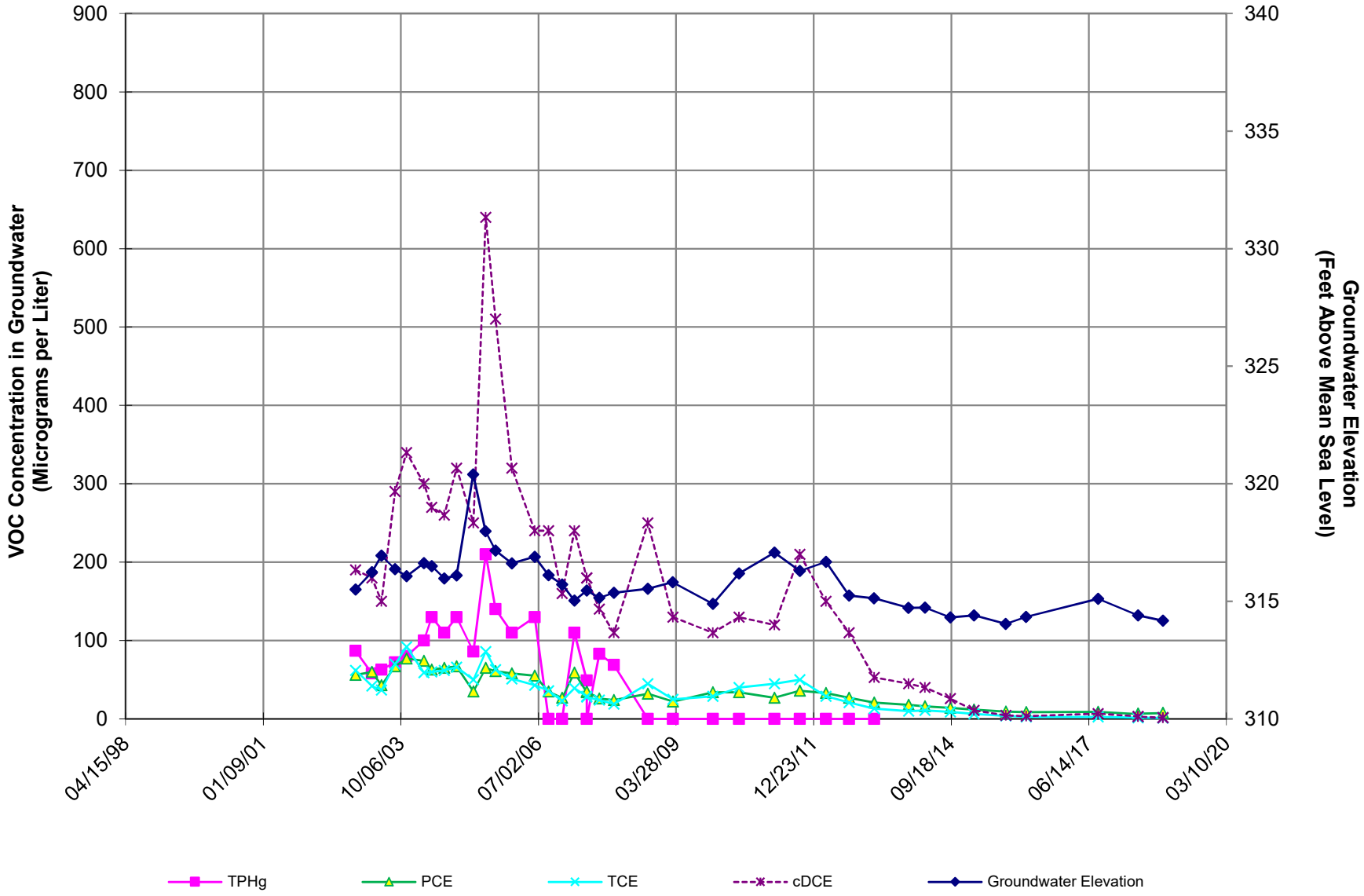
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California



MW-15

VOC Concentration and Hydrograph vs. Time

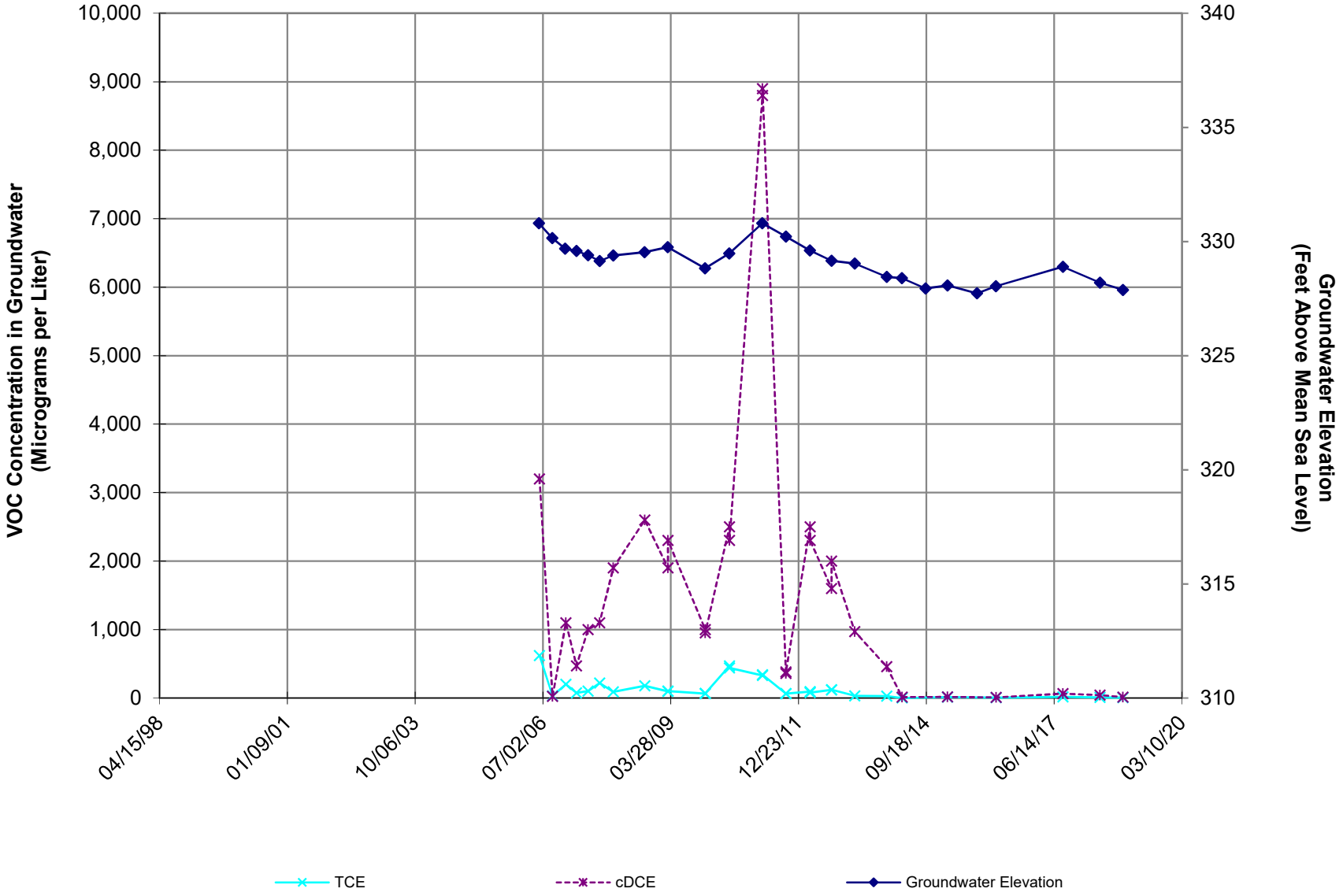
Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California



MW-16A

VOC Concentration and Hydrograph vs. Time

Former Welch's Uniform Site
3505 Pasadena Avenue
Los Angeles, California



APPENDIX C

ANALYTICAL LABORATORY REPORT AND CHAIN-OF-CUSTODY RECORD

eurofins | Calscience

WORK ORDER NUMBER: 18-12-0245

The difference is service

AIR | SOIL | WATER | MARINE CHEMISTRY

Analytical Report For

Client: Apex Companies, LLC

Client Project Name: Ameripride

Attention: Andrew Drummond
1962 Freeman Avenue
Signal Hill, CA 90755-1241

Approved for release on 12/11/2018 by:
Sandy Tat
Project Manager

ResultLink

Email your PM

Eurofins Calscience (Calscience) certifies that the test results provided in this report meet all NELAC Institute requirements for parameters for which accreditation is required or available. Any exceptions to NELAC Institute requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

eurofins | Calscience

Contents

Client Project Name: Ameripride
Work Order Number: 18-12-0245

1 Work Order Narrative. 3

2 Sample Summary. 4

3 Detections Summary. 5

4 Client Sample Data. 6
4.1 EPA 8260B Volatile Organics (Aqueous). 6

5 Quality Control Sample Data. 30
5.1 MS/MSD. 30
5.2 LCS/LCSD. 32

6 Sample Analysis Summary. 38

7 Glossary of Terms and Qualifiers. 39

8 Chain-of-Custody/Sample Receipt Form. 40

eurofins | Calscience

Work Order Narrative

Condition Upon Receipt:

Samples were received under Chain-of-Custody (COC) on 12/04/18. They were assigned to Work Order 18-12-0245.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

Holding Times:

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

Quality Control:

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

Subcontractor Information:

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

Additional Comments:

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

DoD Projects:

The test results contained in this report are accredited under the laboratory's ISO/IEC 17025:2005 and DoD-ELAP accreditation issued by the ANSI-ASQ National Accreditation Board. Refer to certificate and scope of accreditation ADE-1864.

Return to Contents

eurofins | Calscience

Sample Summary

Client:	Apex Companies, LLC	Work Order:	18-12-0245
	1962 Freeman Avenue	Project Name:	Ameripride
	Signal Hill, CA 90755-1241	PO Number:	
		Date/Time Received:	12/04/18 18:40
		Number of Containers:	34
Attn:	Andrew Drummond		

Sample Identification	Lab Number	Collection Date and Time	Number of Containers	Matrix
TB-01	18-12-0245-1	12/04/18 07:45	2	Aqueous
MW-3	18-12-0245-2	12/04/18 12:48	4	Aqueous
MW-9A	18-12-0245-3	12/04/18 11:06	4	Aqueous
MW-9B	18-12-0245-4	12/04/18 10:34	4	Aqueous
MW-10A	18-12-0245-5	12/04/18 12:12	4	Aqueous
MW-10B	18-12-0245-6	12/04/18 11:42	4	Aqueous
MW-15	18-12-0245-7	12/04/18 09:46	4	Aqueous
MW-16A	18-12-0245-8	12/04/18 13:27	4	Aqueous
DUP1	18-12-0245-9	12/04/18 00:00	4	Aqueous

Return to Contents

eurofins | Calscience

Detections Summary

Client:	Apex Companies, LLC	Work Order:	18-12-0245
	1962 Freeman Avenue	Project Name:	Ameripride
	Signal Hill, CA 90755-1241	Received:	12/04/18
Attn:	Andrew Drummond		

Client SampleID / Analyte	Result	Qualifiers	RL	Units	Method	Extraction
MW-3 (18-12-0245-2)						
Tetrachloroethene	5.1		1.0	ug/L	EPA 8260B	EPA 5030C
MW-9A (18-12-0245-3)						
c-1,2-Dichloroethene	32		1.0	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	2.4		1.0	ug/L	EPA 8260B	EPA 5030C
MW-10A (18-12-0245-5)						
c-1,2-Dichloroethene	8.3		1.0	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	2.2		1.0	ug/L	EPA 8260B	EPA 5030C
MW-10B (18-12-0245-6)						
c-1,2-Dichloroethene	4.5		1.0	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	1.1		1.0	ug/L	EPA 8260B	EPA 5030C
MW-15 (18-12-0245-7)						
c-1,2-Dichloroethene	1.5		1.0	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	7.5		1.0	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	1.3		1.0	ug/L	EPA 8260B	EPA 5030C
MW-16A (18-12-0245-8)						
c-1,2-Dichloroethene	15		1.0	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	11		1.0	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	5.4		1.0	ug/L	EPA 8260B	EPA 5030C
DUP1 (18-12-0245-9)						
c-1,2-Dichloroethene	1.5		1.0	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	7.7		1.0	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	1.4		1.0	ug/L	EPA 8260B	EPA 5030C

Subcontracted analyses, if any, are not included in this summary.

Return to Contents

* MDL is shown

eurofins | Calscience

Analytical Report

Apex Companies, LLC
1962 Freeman Avenue
Signal Hill, CA 90755-1241

Date Received: 12/04/18
Work Order: 18-12-0245
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: Ameripride

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
TB-01	**18-12-0245-1-A**	**12/04/18 07:45**	**Aqueous**	**GC/MS V V**	**12/07/18**	**12/07/18 20:22**	**181207L002**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	20	1.00	
Benzene	ND	1.0	1.00	
Bromobenzene	ND	1.0	1.00	
Bromochloromethane	ND	2.0	1.00	
Bromodichloromethane	ND	1.0	1.00	
Bromoform	ND	5.0	1.00	
Bromomethane	ND	50	1.00	
2-Butanone	ND	20	1.00	
n-Butylbenzene	ND	1.0	1.00	
sec-Butylbenzene	ND	1.0	1.00	
tert-Butylbenzene	ND	1.0	1.00	
Carbon Disulfide	ND	10	1.00	
Carbon Tetrachloride	ND	0.50	1.00	
Chlorobenzene	ND	1.0	1.00	
Chloroethane	ND	5.0	1.00	
Chloroform	ND	1.0	1.00	
Chloromethane	ND	10	1.00	
2-Chlorotoluene	ND	1.0	1.00	
4-Chlorotoluene	ND	1.0	1.00	
Dibromochloromethane	ND	2.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.00	
1,2-Dibromoethane	ND	1.0	1.00	
Dibromomethane	ND	1.0	1.00	
1,2-Dichlorobenzene	ND	1.0	1.00	
1,3-Dichlorobenzene	ND	1.0	1.00	
1,4-Dichlorobenzene	ND	1.0	1.00	
Dichlorodifluoromethane	ND	5.0	1.00	
1,1-Dichloroethane	ND	1.0	1.00	
1,2-Dichloroethane	ND	0.50	1.00	
1,1-Dichloroethene	ND	1.0	1.00	
c-1,2-Dichloroethene	ND	1.0	1.00	
t-1,2-Dichloroethene	ND	1.0	1.00	
1,2-Dichloropropane	ND	1.0	1.00	
1,3-Dichloropropane	ND	1.0	1.00	
2,2-Dichloropropane	ND	1.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Apex Companies, LLC
1962 Freeman Avenue
Signal Hill, CA 90755-1241

Project: Ameripride

Date Received: 12/04/18
Work Order: 18-12-0245
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	1.0	1.00	
c-1,3-Dichloropropene	ND	0.50	1.00	
t-1,3-Dichloropropene	ND	0.50	1.00	
Ethylbenzene	ND	1.0	1.00	
2-Hexanone	ND	10	1.00	
Isopropylbenzene	ND	1.0	1.00	
p-Isopropyltoluene	ND	1.0	1.00	
Methylene Chloride	ND	10	1.00	
4-Methyl-2-Pentanone	ND	10	1.00	
Naphthalene	ND	10	1.00	
n-Propylbenzene	ND	1.0	1.00	
Styrene	ND	1.0	1.00	
1,1,1,2-Tetrachloroethane	ND	2.0	1.00	
1,1,2,2-Tetrachloroethane	ND	10	1.00	
Tetrachloroethene	ND	1.0	1.00	
Toluene	ND	1.0	1.00	
1,2,3-Trichlorobenzene	ND	1.0	1.00	
1,2,4-Trichlorobenzene	ND	1.0	1.00	
1,1,1-Trichloroethane	ND	1.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.00	
1,1,2-Trichloroethane	ND	1.0	1.00	
Trichloroethene	ND	1.0	1.00	
Trichlorofluoromethane	ND	10	1.00	
1,2,3-Trichloropropane	ND	5.0	1.00	
1,2,4-Trimethylbenzene	ND	1.0	1.00	
1,3,5-Trimethylbenzene	ND	1.0	1.00	
Vinyl Acetate	ND	10	1.00	
Vinyl Chloride	ND	0.50	1.00	
p/m-Xylene	ND	2.0	1.00	
o-Xylene	ND	1.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	94	77-120	
Dibromofluoromethane	115	80-128	
1,2-Dichloroethane-d4	116	80-129	
Toluene-d8	99	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Apex Companies, LLC
1962 Freeman Avenue
Signal Hill, CA 90755-1241

Date Received: 12/04/18
Work Order: 18-12-0245
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: Ameripride

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-3	**18-12-0245-2-A**	**12/04/18 12:48**	**Aqueous**	**GC/MS V V**	**12/07/18**	**12/07/18 20:49**	**181207L002**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	20	1.00	
Benzene	ND	1.0	1.00	
Bromobenzene	ND	1.0	1.00	
Bromochloromethane	ND	2.0	1.00	
Bromodichloromethane	ND	1.0	1.00	
Bromoform	ND	5.0	1.00	
Bromomethane	ND	50	1.00	
2-Butanone	ND	20	1.00	
n-Butylbenzene	ND	1.0	1.00	
sec-Butylbenzene	ND	1.0	1.00	
tert-Butylbenzene	ND	1.0	1.00	
Carbon Disulfide	ND	10	1.00	
Carbon Tetrachloride	ND	0.50	1.00	
Chlorobenzene	ND	1.0	1.00	
Chloroethane	ND	5.0	1.00	
Chloroform	ND	1.0	1.00	
Chloromethane	ND	10	1.00	
2-Chlorotoluene	ND	1.0	1.00	
4-Chlorotoluene	ND	1.0	1.00	
Dibromochloromethane	ND	2.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.00	
1,2-Dibromoethane	ND	1.0	1.00	
Dibromomethane	ND	1.0	1.00	
1,2-Dichlorobenzene	ND	1.0	1.00	
1,3-Dichlorobenzene	ND	1.0	1.00	
1,4-Dichlorobenzene	ND	1.0	1.00	
Dichlorodifluoromethane	ND	5.0	1.00	
1,1-Dichloroethane	ND	1.0	1.00	
1,2-Dichloroethane	ND	0.50	1.00	
1,1-Dichloroethene	ND	1.0	1.00	
c-1,2-Dichloroethene	ND	1.0	1.00	
t-1,2-Dichloroethene	ND	1.0	1.00	
1,2-Dichloropropane	ND	1.0	1.00	
1,3-Dichloropropane	ND	1.0	1.00	
2,2-Dichloropropane	ND	1.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Apex Companies, LLC
1962 Freeman Avenue
Signal Hill, CA 90755-1241

Project: Ameripride

Date Received: 12/04/18
Work Order: 18-12-0245
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	1.0	1.00	
c-1,3-Dichloropropene	ND	0.50	1.00	
t-1,3-Dichloropropene	ND	0.50	1.00	
Ethylbenzene	ND	1.0	1.00	
2-Hexanone	ND	10	1.00	
Isopropylbenzene	ND	1.0	1.00	
p-Isopropyltoluene	ND	1.0	1.00	
Methylene Chloride	ND	10	1.00	
4-Methyl-2-Pentanone	ND	10	1.00	
Naphthalene	ND	10	1.00	
n-Propylbenzene	ND	1.0	1.00	
Styrene	ND	1.0	1.00	
1,1,1,2-Tetrachloroethane	ND	2.0	1.00	
1,1,2,2-Tetrachloroethane	ND	10	1.00	
Tetrachloroethene	5.1	1.0	1.00	
Toluene	ND	1.0	1.00	
1,2,3-Trichlorobenzene	ND	1.0	1.00	
1,2,4-Trichlorobenzene	ND	1.0	1.00	
1,1,1-Trichloroethane	ND	1.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.00	
1,1,2-Trichloroethane	ND	1.0	1.00	
Trichloroethene	ND	1.0	1.00	
Trichlorofluoromethane	ND	10	1.00	
1,2,3-Trichloropropane	ND	5.0	1.00	
1,2,4-Trimethylbenzene	ND	1.0	1.00	
1,3,5-Trimethylbenzene	ND	1.0	1.00	
Vinyl Acetate	ND	10	1.00	
Vinyl Chloride	ND	0.50	1.00	
p/m-Xylene	ND	2.0	1.00	
o-Xylene	ND	1.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	94	77-120	
Dibromofluoromethane	116	80-128	
1,2-Dichloroethane-d4	118	80-129	
Toluene-d8	98	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Apex Companies, LLC
1962 Freeman Avenue
Signal Hill, CA 90755-1241

Date Received: 12/04/18
Work Order: 18-12-0245
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: Ameripride

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-9A	**18-12-0245-3-B**	**12/04/18 11:06**	**Aqueous**	**GC/MS V V**	**12/10/18**	**12/10/18 20:13**	**181210L003**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	20	1.00	
Benzene	ND	1.0	1.00	
Bromobenzene	ND	1.0	1.00	
Bromochloromethane	ND	2.0	1.00	
Bromodichloromethane	ND	1.0	1.00	
Bromoform	ND	5.0	1.00	
Bromomethane	ND	50	1.00	
2-Butanone	ND	20	1.00	
n-Butylbenzene	ND	1.0	1.00	
sec-Butylbenzene	ND	1.0	1.00	
tert-Butylbenzene	ND	1.0	1.00	
Carbon Disulfide	ND	10	1.00	
Carbon Tetrachloride	ND	0.50	1.00	
Chlorobenzene	ND	1.0	1.00	
Chloroethane	ND	5.0	1.00	
Chloroform	ND	1.0	1.00	
Chloromethane	ND	10	1.00	
2-Chlorotoluene	ND	1.0	1.00	
4-Chlorotoluene	ND	1.0	1.00	
Dibromochloromethane	ND	2.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.00	
1,2-Dibromoethane	ND	1.0	1.00	
Dibromomethane	ND	1.0	1.00	
1,2-Dichlorobenzene	ND	1.0	1.00	
1,3-Dichlorobenzene	ND	1.0	1.00	
1,4-Dichlorobenzene	ND	1.0	1.00	
Dichlorodifluoromethane	ND	5.0	1.00	
1,1-Dichloroethane	ND	1.0	1.00	
1,2-Dichloroethane	ND	0.50	1.00	
1,1-Dichloroethene	ND	1.0	1.00	
c-1,2-Dichloroethene	32	1.0	1.00	
t-1,2-Dichloroethene	ND	1.0	1.00	
1,2-Dichloropropane	ND	1.0	1.00	
1,3-Dichloropropane	ND	1.0	1.00	
2,2-Dichloropropane	ND	1.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Apex Companies, LLC	Date Received:	12/04/18
1962 Freeman Avenue	Work Order:	18-12-0245
Signal Hill, CA 90755-1241	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: Ameripride		Page 6 of 24

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	1.0	1.00	
c-1,3-Dichloropropene	ND	0.50	1.00	
t-1,3-Dichloropropene	ND	0.50	1.00	
Ethylbenzene	ND	1.0	1.00	
2-Hexanone	ND	10	1.00	
Isopropylbenzene	ND	1.0	1.00	
p-Isopropyltoluene	ND	1.0	1.00	
Methylene Chloride	ND	10	1.00	
4-Methyl-2-Pentanone	ND	10	1.00	
Naphthalene	ND	10	1.00	
n-Propylbenzene	ND	1.0	1.00	
Styrene	ND	1.0	1.00	
1,1,1,2-Tetrachloroethane	ND	2.0	1.00	
1,1,2,2-Tetrachloroethane	ND	10	1.00	
Tetrachloroethene	ND	1.0	1.00	
Toluene	ND	1.0	1.00	
1,2,3-Trichlorobenzene	ND	1.0	1.00	
1,2,4-Trichlorobenzene	ND	1.0	1.00	
1,1,1-Trichloroethane	ND	1.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.00	
1,1,2-Trichloroethane	ND	1.0	1.00	
Trichloroethene	2.4	1.0	1.00	
Trichlorofluoromethane	ND	10	1.00	
1,2,3-Trichloropropane	ND	5.0	1.00	
1,2,4-Trimethylbenzene	ND	1.0	1.00	
1,3,5-Trimethylbenzene	ND	1.0	1.00	
Vinyl Acetate	ND	10	1.00	
Vinyl Chloride	ND	0.50	1.00	
p/m-Xylene	ND	2.0	1.00	
o-Xylene	ND	1.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	92	77-120	
Dibromofluoromethane	114	80-128	
1,2-Dichloroethane-d4	116	80-129	
Toluene-d8	99	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Apex Companies, LLC
1962 Freeman Avenue
Signal Hill, CA 90755-1241

Date Received: 12/04/18
Work Order: 18-12-0245
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: Ameripride

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-9B	**18-12-0245-4-A**	**12/04/18 10:34**	**Aqueous**	**GC/MS QQ**	**12/07/18**	**12/08/18 03:48**	**181207L049**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	20	1.00	
Benzene	ND	1.0	1.00	
Bromobenzene	ND	1.0	1.00	
Bromochloromethane	ND	2.0	1.00	
Bromodichloromethane	ND	1.0	1.00	
Bromoform	ND	5.0	1.00	
Bromomethane	ND	50	1.00	
2-Butanone	ND	20	1.00	
n-Butylbenzene	ND	1.0	1.00	
sec-Butylbenzene	ND	1.0	1.00	
tert-Butylbenzene	ND	1.0	1.00	
Carbon Disulfide	ND	10	1.00	
Carbon Tetrachloride	ND	0.50	1.00	
Chlorobenzene	ND	1.0	1.00	
Chloroethane	ND	5.0	1.00	
Chloroform	ND	1.0	1.00	
Chloromethane	ND	10	1.00	
2-Chlorotoluene	ND	1.0	1.00	
4-Chlorotoluene	ND	1.0	1.00	
Dibromochloromethane	ND	2.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.00	
1,2-Dibromoethane	ND	1.0	1.00	
Dibromomethane	ND	1.0	1.00	
1,2-Dichlorobenzene	ND	1.0	1.00	
1,3-Dichlorobenzene	ND	1.0	1.00	
1,4-Dichlorobenzene	ND	1.0	1.00	
Dichlorodifluoromethane	ND	5.0	1.00	
1,1-Dichloroethane	ND	1.0	1.00	
1,2-Dichloroethane	ND	0.50	1.00	
1,1-Dichloroethene	ND	1.0	1.00	
c-1,2-Dichloroethene	ND	1.0	1.00	
t-1,2-Dichloroethene	ND	1.0	1.00	
1,2-Dichloropropane	ND	1.0	1.00	
1,3-Dichloropropane	ND	1.0	1.00	
2,2-Dichloropropane	ND	1.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Apex Companies, LLC	Date Received:	12/04/18
1962 Freeman Avenue	Work Order:	18-12-0245
Signal Hill, CA 90755-1241	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: Ameripride		Page 8 of 24

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	1.0	1.00	
c-1,3-Dichloropropene	ND	0.50	1.00	
t-1,3-Dichloropropene	ND	0.50	1.00	
Ethylbenzene	ND	1.0	1.00	
2-Hexanone	ND	10	1.00	
Isopropylbenzene	ND	1.0	1.00	
p-Isopropyltoluene	ND	1.0	1.00	
Methylene Chloride	ND	10	1.00	
4-Methyl-2-Pentanone	ND	10	1.00	
Naphthalene	ND	10	1.00	
n-Propylbenzene	ND	1.0	1.00	
Styrene	ND	1.0	1.00	
1,1,1,2-Tetrachloroethane	ND	2.0	1.00	
1,1,2,2-Tetrachloroethane	ND	10	1.00	
Tetrachloroethene	ND	1.0	1.00	
Toluene	ND	1.0	1.00	
1,2,3-Trichlorobenzene	ND	1.0	1.00	
1,2,4-Trichlorobenzene	ND	1.0	1.00	
1,1,1-Trichloroethane	ND	1.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.00	
1,1,2-Trichloroethane	ND	1.0	1.00	
Trichloroethene	ND	1.0	1.00	
Trichlorofluoromethane	ND	10	1.00	
1,2,3-Trichloropropane	ND	5.0	1.00	
1,2,4-Trimethylbenzene	ND	1.0	1.00	
1,3,5-Trimethylbenzene	ND	1.0	1.00	
Vinyl Acetate	ND	10	1.00	
Vinyl Chloride	ND	0.50	1.00	
p/m-Xylene	ND	2.0	1.00	
o-Xylene	ND	1.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	96	77-120	
Dibromofluoromethane	92	80-128	
1,2-Dichloroethane-d4	93	80-129	
Toluene-d8	101	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Apex Companies, LLC
1962 Freeman Avenue
Signal Hill, CA 90755-1241

Date Received: 12/04/18
Work Order: 18-12-0245
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: Ameripride

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-10A	**18-12-0245-5-A**	**12/04/18 12:12**	**Aqueous**	**GC/MS QQ**	**12/07/18**	**12/08/18 04:16**	**181207L049**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	20	1.00	
Benzene	ND	1.0	1.00	
Bromobenzene	ND	1.0	1.00	
Bromochloromethane	ND	2.0	1.00	
Bromodichloromethane	ND	1.0	1.00	
Bromoform	ND	5.0	1.00	
Bromomethane	ND	50	1.00	
2-Butanone	ND	20	1.00	
n-Butylbenzene	ND	1.0	1.00	
sec-Butylbenzene	ND	1.0	1.00	
tert-Butylbenzene	ND	1.0	1.00	
Carbon Disulfide	ND	10	1.00	
Carbon Tetrachloride	ND	0.50	1.00	
Chlorobenzene	ND	1.0	1.00	
Chloroethane	ND	5.0	1.00	
Chloroform	ND	1.0	1.00	
Chloromethane	ND	10	1.00	
2-Chlorotoluene	ND	1.0	1.00	
4-Chlorotoluene	ND	1.0	1.00	
Dibromochloromethane	ND	2.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.00	
1,2-Dibromoethane	ND	1.0	1.00	
Dibromomethane	ND	1.0	1.00	
1,2-Dichlorobenzene	ND	1.0	1.00	
1,3-Dichlorobenzene	ND	1.0	1.00	
1,4-Dichlorobenzene	ND	1.0	1.00	
Dichlorodifluoromethane	ND	5.0	1.00	
1,1-Dichloroethane	ND	1.0	1.00	
1,2-Dichloroethane	ND	0.50	1.00	
1,1-Dichloroethene	ND	1.0	1.00	
c-1,2-Dichloroethene	8.3	1.0	1.00	
t-1,2-Dichloroethene	ND	1.0	1.00	
1,2-Dichloropropane	ND	1.0	1.00	
1,3-Dichloropropane	ND	1.0	1.00	
2,2-Dichloropropane	ND	1.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Apex Companies, LLC
1962 Freeman Avenue
Signal Hill, CA 90755-1241

Project: Ameripride

Date Received: 12/04/18
Work Order: 18-12-0245
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	1.0	1.00	
c-1,3-Dichloropropene	ND	0.50	1.00	
t-1,3-Dichloropropene	ND	0.50	1.00	
Ethylbenzene	ND	1.0	1.00	
2-Hexanone	ND	10	1.00	
Isopropylbenzene	ND	1.0	1.00	
p-Isopropyltoluene	ND	1.0	1.00	
Methylene Chloride	ND	10	1.00	
4-Methyl-2-Pentanone	ND	10	1.00	
Naphthalene	ND	10	1.00	
n-Propylbenzene	ND	1.0	1.00	
Styrene	ND	1.0	1.00	
1,1,1,2-Tetrachloroethane	ND	2.0	1.00	
1,1,2,2-Tetrachloroethane	ND	10	1.00	
Tetrachloroethene	ND	1.0	1.00	
Toluene	ND	1.0	1.00	
1,2,3-Trichlorobenzene	ND	1.0	1.00	
1,2,4-Trichlorobenzene	ND	1.0	1.00	
1,1,1-Trichloroethane	ND	1.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.00	
1,1,2-Trichloroethane	ND	1.0	1.00	
Trichloroethene	2.2	1.0	1.00	
Trichlorofluoromethane	ND	10	1.00	
1,2,3-Trichloropropane	ND	5.0	1.00	
1,2,4-Trimethylbenzene	ND	1.0	1.00	
1,3,5-Trimethylbenzene	ND	1.0	1.00	
Vinyl Acetate	ND	10	1.00	
Vinyl Chloride	ND	0.50	1.00	
p/m-Xylene	ND	2.0	1.00	
o-Xylene	ND	1.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	97	77-120	
Dibromofluoromethane	97	80-128	
1,2-Dichloroethane-d4	93	80-129	
Toluene-d8	101	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Apex Companies, LLC
1962 Freeman Avenue
Signal Hill, CA 90755-1241

Date Received: 12/04/18
Work Order: 18-12-0245
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: Ameripride

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-10B	**18-12-0245-6-A**	**12/04/18 11:42**	**Aqueous**	**GC/MS QQ**	**12/07/18**	**12/08/18 00:34**	**181207L049**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	20	1.00	
Benzene	ND	1.0	1.00	
Bromobenzene	ND	1.0	1.00	
Bromochloromethane	ND	2.0	1.00	
Bromodichloromethane	ND	1.0	1.00	
Bromoform	ND	5.0	1.00	
Bromomethane	ND	50	1.00	
2-Butanone	ND	20	1.00	
n-Butylbenzene	ND	1.0	1.00	
sec-Butylbenzene	ND	1.0	1.00	
tert-Butylbenzene	ND	1.0	1.00	
Carbon Disulfide	ND	10	1.00	
Carbon Tetrachloride	ND	0.50	1.00	
Chlorobenzene	ND	1.0	1.00	
Chloroethane	ND	5.0	1.00	
Chloroform	ND	1.0	1.00	
Chloromethane	ND	10	1.00	
2-Chlorotoluene	ND	1.0	1.00	
4-Chlorotoluene	ND	1.0	1.00	
Dibromochloromethane	ND	2.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.00	
1,2-Dibromoethane	ND	1.0	1.00	
Dibromomethane	ND	1.0	1.00	
1,2-Dichlorobenzene	ND	1.0	1.00	
1,3-Dichlorobenzene	ND	1.0	1.00	
1,4-Dichlorobenzene	ND	1.0	1.00	
Dichlorodifluoromethane	ND	5.0	1.00	
1,1-Dichloroethane	ND	1.0	1.00	
1,2-Dichloroethane	ND	0.50	1.00	
1,1-Dichloroethene	ND	1.0	1.00	
c-1,2-Dichloroethene	4.5	1.0	1.00	
t-1,2-Dichloroethene	ND	1.0	1.00	
1,2-Dichloropropane	ND	1.0	1.00	
1,3-Dichloropropane	ND	1.0	1.00	
2,2-Dichloropropane	ND	1.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Apex Companies, LLC	Date Received:	12/04/18
1962 Freeman Avenue	Work Order:	18-12-0245
Signal Hill, CA 90755-1241	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: Ameripride		Page 12 of 24

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	1.0	1.00	
c-1,3-Dichloropropene	ND	0.50	1.00	
t-1,3-Dichloropropene	ND	0.50	1.00	
Ethylbenzene	ND	1.0	1.00	
2-Hexanone	ND	10	1.00	
Isopropylbenzene	ND	1.0	1.00	
p-Isopropyltoluene	ND	1.0	1.00	
Methylene Chloride	ND	10	1.00	
4-Methyl-2-Pentanone	ND	10	1.00	
Naphthalene	ND	10	1.00	
n-Propylbenzene	ND	1.0	1.00	
Styrene	ND	1.0	1.00	
1,1,1,2-Tetrachloroethane	ND	2.0	1.00	
1,1,2,2-Tetrachloroethane	ND	10	1.00	
Tetrachloroethene	ND	1.0	1.00	
Toluene	ND	1.0	1.00	
1,2,3-Trichlorobenzene	ND	1.0	1.00	
1,2,4-Trichlorobenzene	ND	1.0	1.00	
1,1,1-Trichloroethane	ND	1.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.00	
1,1,2-Trichloroethane	ND	1.0	1.00	
Trichloroethene	1.1	1.0	1.00	
Trichlorofluoromethane	ND	10	1.00	
1,2,3-Trichloropropane	ND	5.0	1.00	
1,2,4-Trimethylbenzene	ND	1.0	1.00	
1,3,5-Trimethylbenzene	ND	1.0	1.00	
Vinyl Acetate	ND	10	1.00	
Vinyl Chloride	ND	0.50	1.00	
p/m-Xylene	ND	2.0	1.00	
o-Xylene	ND	1.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	97	77-120	
Dibromofluoromethane	89	80-128	
1,2-Dichloroethane-d4	91	80-129	
Toluene-d8	101	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Apex Companies, LLC
1962 Freeman Avenue
Signal Hill, CA 90755-1241

Date Received: 12/04/18
Work Order: 18-12-0245
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: Ameripride

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-15	**18-12-0245-7-A**	**12/04/18 09:46**	**Aqueous**	**GC/MS QQ**	**12/07/18**	**12/08/18 02:25**	**181207L049**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	20	1.00	
Benzene	ND	1.0	1.00	
Bromobenzene	ND	1.0	1.00	
Bromochloromethane	ND	2.0	1.00	
Bromodichloromethane	ND	1.0	1.00	
Bromoform	ND	5.0	1.00	
Bromomethane	ND	50	1.00	
2-Butanone	ND	20	1.00	
n-Butylbenzene	ND	1.0	1.00	
sec-Butylbenzene	ND	1.0	1.00	
tert-Butylbenzene	ND	1.0	1.00	
Carbon Disulfide	ND	10	1.00	
Carbon Tetrachloride	ND	0.50	1.00	
Chlorobenzene	ND	1.0	1.00	
Chloroethane	ND	5.0	1.00	
Chloroform	ND	1.0	1.00	
Chloromethane	ND	10	1.00	
2-Chlorotoluene	ND	1.0	1.00	
4-Chlorotoluene	ND	1.0	1.00	
Dibromochloromethane	ND	2.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.00	
1,2-Dibromoethane	ND	1.0	1.00	
Dibromomethane	ND	1.0	1.00	
1,2-Dichlorobenzene	ND	1.0	1.00	
1,3-Dichlorobenzene	ND	1.0	1.00	
1,4-Dichlorobenzene	ND	1.0	1.00	
Dichlorodifluoromethane	ND	5.0	1.00	
1,1-Dichloroethane	ND	1.0	1.00	
1,2-Dichloroethane	ND	0.50	1.00	
1,1-Dichloroethene	ND	1.0	1.00	
c-1,2-Dichloroethene	1.5	1.0	1.00	
t-1,2-Dichloroethene	ND	1.0	1.00	
1,2-Dichloropropane	ND	1.0	1.00	
1,3-Dichloropropane	ND	1.0	1.00	
2,2-Dichloropropane	ND	1.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Apex Companies, LLC	Date Received:	12/04/18
1962 Freeman Avenue	Work Order:	18-12-0245
Signal Hill, CA 90755-1241	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: Ameripride		Page 14 of 24

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	1.0	1.00	
c-1,3-Dichloropropene	ND	0.50	1.00	
t-1,3-Dichloropropene	ND	0.50	1.00	
Ethylbenzene	ND	1.0	1.00	
2-Hexanone	ND	10	1.00	
Isopropylbenzene	ND	1.0	1.00	
p-Isopropyltoluene	ND	1.0	1.00	
Methylene Chloride	ND	10	1.00	
4-Methyl-2-Pentanone	ND	10	1.00	
Naphthalene	ND	10	1.00	
n-Propylbenzene	ND	1.0	1.00	
Styrene	ND	1.0	1.00	
1,1,1,2-Tetrachloroethane	ND	2.0	1.00	
1,1,2,2-Tetrachloroethane	ND	10	1.00	
Tetrachloroethene	7.5	1.0	1.00	
Toluene	ND	1.0	1.00	
1,2,3-Trichlorobenzene	ND	1.0	1.00	
1,2,4-Trichlorobenzene	ND	1.0	1.00	
1,1,1-Trichloroethane	ND	1.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.00	
1,1,2-Trichloroethane	ND	1.0	1.00	
Trichloroethene	1.3	1.0	1.00	
Trichlorofluoromethane	ND	10	1.00	
1,2,3-Trichloropropane	ND	5.0	1.00	
1,2,4-Trimethylbenzene	ND	1.0	1.00	
1,3,5-Trimethylbenzene	ND	1.0	1.00	
Vinyl Acetate	ND	10	1.00	
Vinyl Chloride	ND	0.50	1.00	
p/m-Xylene	ND	2.0	1.00	
o-Xylene	ND	1.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	97	77-120	
Dibromofluoromethane	91	80-128	
1,2-Dichloroethane-d4	91	80-129	
Toluene-d8	101	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Apex Companies, LLC
1962 Freeman Avenue
Signal Hill, CA 90755-1241

Date Received: 12/04/18
Work Order: 18-12-0245
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: Ameripride

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-16A	**18-12-0245-8-A**	**12/04/18 13:27**	**Aqueous**	**GC/MS QQ**	**12/07/18**	**12/08/18 02:52**	**181207L049**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	20	1.00	
Benzene	ND	1.0	1.00	
Bromobenzene	ND	1.0	1.00	
Bromochloromethane	ND	2.0	1.00	
Bromodichloromethane	ND	1.0	1.00	
Bromoform	ND	5.0	1.00	
Bromomethane	ND	50	1.00	
2-Butanone	ND	20	1.00	
n-Butylbenzene	ND	1.0	1.00	
sec-Butylbenzene	ND	1.0	1.00	
tert-Butylbenzene	ND	1.0	1.00	
Carbon Disulfide	ND	10	1.00	
Carbon Tetrachloride	ND	0.50	1.00	
Chlorobenzene	ND	1.0	1.00	
Chloroethane	ND	5.0	1.00	
Chloroform	ND	1.0	1.00	
Chloromethane	ND	10	1.00	
2-Chlorotoluene	ND	1.0	1.00	
4-Chlorotoluene	ND	1.0	1.00	
Dibromochloromethane	ND	2.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.00	
1,2-Dibromoethane	ND	1.0	1.00	
Dibromomethane	ND	1.0	1.00	
1,2-Dichlorobenzene	ND	1.0	1.00	
1,3-Dichlorobenzene	ND	1.0	1.00	
1,4-Dichlorobenzene	ND	1.0	1.00	
Dichlorodifluoromethane	ND	5.0	1.00	
1,1-Dichloroethane	ND	1.0	1.00	
1,2-Dichloroethane	ND	0.50	1.00	
1,1-Dichloroethene	ND	1.0	1.00	
c-1,2-Dichloroethene	15	1.0	1.00	
t-1,2-Dichloroethene	ND	1.0	1.00	
1,2-Dichloropropane	ND	1.0	1.00	
1,3-Dichloropropane	ND	1.0	1.00	
2,2-Dichloropropane	ND	1.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Apex Companies, LLC	Date Received:	12/04/18
1962 Freeman Avenue	Work Order:	18-12-0245
Signal Hill, CA 90755-1241	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: Ameripride		Page 16 of 24

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	1.0	1.00	
c-1,3-Dichloropropene	ND	0.50	1.00	
t-1,3-Dichloropropene	ND	0.50	1.00	
Ethylbenzene	ND	1.0	1.00	
2-Hexanone	ND	10	1.00	
Isopropylbenzene	ND	1.0	1.00	
p-Isopropyltoluene	ND	1.0	1.00	
Methylene Chloride	ND	10	1.00	
4-Methyl-2-Pentanone	ND	10	1.00	
Naphthalene	ND	10	1.00	
n-Propylbenzene	ND	1.0	1.00	
Styrene	ND	1.0	1.00	
1,1,1,2-Tetrachloroethane	ND	2.0	1.00	
1,1,2,2-Tetrachloroethane	ND	10	1.00	
Tetrachloroethene	11	1.0	1.00	
Toluene	ND	1.0	1.00	
1,2,3-Trichlorobenzene	ND	1.0	1.00	
1,2,4-Trichlorobenzene	ND	1.0	1.00	
1,1,1-Trichloroethane	ND	1.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.00	
1,1,2-Trichloroethane	ND	1.0	1.00	
Trichloroethene	5.4	1.0	1.00	
Trichlorofluoromethane	ND	10	1.00	
1,2,3-Trichloropropane	ND	5.0	1.00	
1,2,4-Trimethylbenzene	ND	1.0	1.00	
1,3,5-Trimethylbenzene	ND	1.0	1.00	
Vinyl Acetate	ND	10	1.00	
Vinyl Chloride	ND	0.50	1.00	
p/m-Xylene	ND	2.0	1.00	
o-Xylene	ND	1.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	97	77-120	
Dibromofluoromethane	89	80-128	
1,2-Dichloroethane-d4	91	80-129	
Toluene-d8	101	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Apex Companies, LLC
1962 Freeman Avenue
Signal Hill, CA 90755-1241

Date Received: 12/04/18
Work Order: 18-12-0245
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: Ameripride

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DUP1	**18-12-0245-9-A**	**12/04/18 00:00**	**Aqueous**	**GC/MS QQ**	**12/07/18**	**12/08/18 03:20**	**181207L049**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	20	1.00	
Benzene	ND	1.0	1.00	
Bromobenzene	ND	1.0	1.00	
Bromochloromethane	ND	2.0	1.00	
Bromodichloromethane	ND	1.0	1.00	
Bromoform	ND	5.0	1.00	
Bromomethane	ND	50	1.00	
2-Butanone	ND	20	1.00	
n-Butylbenzene	ND	1.0	1.00	
sec-Butylbenzene	ND	1.0	1.00	
tert-Butylbenzene	ND	1.0	1.00	
Carbon Disulfide	ND	10	1.00	
Carbon Tetrachloride	ND	0.50	1.00	
Chlorobenzene	ND	1.0	1.00	
Chloroethane	ND	5.0	1.00	
Chloroform	ND	1.0	1.00	
Chloromethane	ND	10	1.00	
2-Chlorotoluene	ND	1.0	1.00	
4-Chlorotoluene	ND	1.0	1.00	
Dibromochloromethane	ND	2.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.00	
1,2-Dibromoethane	ND	1.0	1.00	
Dibromomethane	ND	1.0	1.00	
1,2-Dichlorobenzene	ND	1.0	1.00	
1,3-Dichlorobenzene	ND	1.0	1.00	
1,4-Dichlorobenzene	ND	1.0	1.00	
Dichlorodifluoromethane	ND	5.0	1.00	
1,1-Dichloroethane	ND	1.0	1.00	
1,2-Dichloroethane	ND	0.50	1.00	
1,1-Dichloroethene	ND	1.0	1.00	
c-1,2-Dichloroethene	1.5	1.0	1.00	
t-1,2-Dichloroethene	ND	1.0	1.00	
1,2-Dichloropropane	ND	1.0	1.00	
1,3-Dichloropropane	ND	1.0	1.00	
2,2-Dichloropropane	ND	1.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Apex Companies, LLC	Date Received:	12/04/18
1962 Freeman Avenue	Work Order:	18-12-0245
Signal Hill, CA 90755-1241	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: Ameripride		Page 18 of 24

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	1.0	1.00	
c-1,3-Dichloropropene	ND	0.50	1.00	
t-1,3-Dichloropropene	ND	0.50	1.00	
Ethylbenzene	ND	1.0	1.00	
2-Hexanone	ND	10	1.00	
Isopropylbenzene	ND	1.0	1.00	
p-Isopropyltoluene	ND	1.0	1.00	
Methylene Chloride	ND	10	1.00	
4-Methyl-2-Pentanone	ND	10	1.00	
Naphthalene	ND	10	1.00	
n-Propylbenzene	ND	1.0	1.00	
Styrene	ND	1.0	1.00	
1,1,1,2-Tetrachloroethane	ND	2.0	1.00	
1,1,2,2-Tetrachloroethane	ND	10	1.00	
Tetrachloroethene	7.7	1.0	1.00	
Toluene	ND	1.0	1.00	
1,2,3-Trichlorobenzene	ND	1.0	1.00	
1,2,4-Trichlorobenzene	ND	1.0	1.00	
1,1,1-Trichloroethane	ND	1.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.00	
1,1,2-Trichloroethane	ND	1.0	1.00	
Trichloroethene	1.4	1.0	1.00	
Trichlorofluoromethane	ND	10	1.00	
1,2,3-Trichloropropane	ND	5.0	1.00	
1,2,4-Trimethylbenzene	ND	1.0	1.00	
1,3,5-Trimethylbenzene	ND	1.0	1.00	
Vinyl Acetate	ND	10	1.00	
Vinyl Chloride	ND	0.50	1.00	
p/m-Xylene	ND	2.0	1.00	
o-Xylene	ND	1.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	99	77-120	
Dibromofluoromethane	91	80-128	
1,2-Dichloroethane-d4	92	80-129	
Toluene-d8	101	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Apex Companies, LLC
1962 Freeman Avenue
Signal Hill, CA 90755-1241

Date Received: 12/04/18
Work Order: 18-12-0245
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: Ameripride

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-14-001-27595**	**N/A**	**Aqueous**	**GC/MS V V**	**12/07/18**	**12/07/18 12:44**	**181207L002**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	20	1.00	
Benzene	ND	1.0	1.00	
Bromobenzene	ND	1.0	1.00	
Bromochloromethane	ND	2.0	1.00	
Bromodichloromethane	ND	1.0	1.00	
Bromoform	ND	5.0	1.00	
Bromomethane	ND	50	1.00	
2-Butanone	ND	20	1.00	
n-Butylbenzene	ND	1.0	1.00	
sec-Butylbenzene	ND	1.0	1.00	
tert-Butylbenzene	ND	1.0	1.00	
Carbon Disulfide	ND	10	1.00	
Carbon Tetrachloride	ND	0.50	1.00	
Chlorobenzene	ND	1.0	1.00	
Chloroethane	ND	5.0	1.00	
Chloroform	ND	1.0	1.00	
Chloromethane	ND	10	1.00	
2-Chlorotoluene	ND	1.0	1.00	
4-Chlorotoluene	ND	1.0	1.00	
Dibromochloromethane	ND	2.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.00	
1,2-Dibromoethane	ND	1.0	1.00	
Dibromomethane	ND	1.0	1.00	
1,2-Dichlorobenzene	ND	1.0	1.00	
1,3-Dichlorobenzene	ND	1.0	1.00	
1,4-Dichlorobenzene	ND	1.0	1.00	
Dichlorodifluoromethane	ND	5.0	1.00	
1,1-Dichloroethane	ND	1.0	1.00	
1,2-Dichloroethane	ND	0.50	1.00	
1,1-Dichloroethene	ND	1.0	1.00	
c-1,2-Dichloroethene	ND	1.0	1.00	
t-1,2-Dichloroethene	ND	1.0	1.00	
1,2-Dichloropropane	ND	1.0	1.00	
1,3-Dichloropropane	ND	1.0	1.00	
2,2-Dichloropropane	ND	1.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Apex Companies, LLC	Date Received:	12/04/18
1962 Freeman Avenue	Work Order:	18-12-0245
Signal Hill, CA 90755-1241	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: Ameripride		Page 20 of 24

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	1.0	1.00	
c-1,3-Dichloropropene	ND	0.50	1.00	
t-1,3-Dichloropropene	ND	0.50	1.00	
Ethylbenzene	ND	1.0	1.00	
2-Hexanone	ND	10	1.00	
Isopropylbenzene	ND	1.0	1.00	
p-Isopropyltoluene	ND	1.0	1.00	
Methylene Chloride	ND	10	1.00	
4-Methyl-2-Pentanone	ND	10	1.00	
Naphthalene	ND	10	1.00	
n-Propylbenzene	ND	1.0	1.00	
Styrene	ND	1.0	1.00	
1,1,1,2-Tetrachloroethane	ND	2.0	1.00	
1,1,2,2-Tetrachloroethane	ND	10	1.00	
Tetrachloroethene	ND	1.0	1.00	
Toluene	ND	1.0	1.00	
1,2,3-Trichlorobenzene	ND	1.0	1.00	
1,2,4-Trichlorobenzene	ND	1.0	1.00	
1,1,1-Trichloroethane	ND	1.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.00	
1,1,2-Trichloroethane	ND	1.0	1.00	
Trichloroethene	ND	1.0	1.00	
Trichlorofluoromethane	ND	10	1.00	
1,2,3-Trichloropropane	ND	5.0	1.00	
1,2,4-Trimethylbenzene	ND	1.0	1.00	
1,3,5-Trimethylbenzene	ND	1.0	1.00	
Vinyl Acetate	ND	10	1.00	
Vinyl Chloride	ND	0.50	1.00	
p/m-Xylene	ND	2.0	1.00	
o-Xylene	ND	1.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	96	77-120	
Dibromofluoromethane	108	80-128	
1,2-Dichloroethane-d4	104	80-129	
Toluene-d8	101	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Apex Companies, LLC
1962 Freeman Avenue
Signal Hill, CA 90755-1241

Date Received: 12/04/18
Work Order: 18-12-0245
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: Ameripride

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-14-001-27608**	**N/A**	**Aqueous**	**GC/MS QQ**	**12/07/18**	**12/07/18 23:38**	**181207L049**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	20	1.00	
Benzene	ND	1.0	1.00	
Bromobenzene	ND	1.0	1.00	
Bromochloromethane	ND	2.0	1.00	
Bromodichloromethane	ND	1.0	1.00	
Bromoform	ND	5.0	1.00	
Bromomethane	ND	50	1.00	
2-Butanone	ND	20	1.00	
n-Butylbenzene	ND	1.0	1.00	
sec-Butylbenzene	ND	1.0	1.00	
tert-Butylbenzene	ND	1.0	1.00	
Carbon Disulfide	ND	10	1.00	
Carbon Tetrachloride	ND	0.50	1.00	
Chlorobenzene	ND	1.0	1.00	
Chloroethane	ND	5.0	1.00	
Chloroform	ND	1.0	1.00	
Chloromethane	ND	10	1.00	
2-Chlorotoluene	ND	1.0	1.00	
4-Chlorotoluene	ND	1.0	1.00	
Dibromochloromethane	ND	2.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.00	
1,2-Dibromoethane	ND	1.0	1.00	
Dibromomethane	ND	1.0	1.00	
1,2-Dichlorobenzene	ND	1.0	1.00	
1,3-Dichlorobenzene	ND	1.0	1.00	
1,4-Dichlorobenzene	ND	1.0	1.00	
Dichlorodifluoromethane	ND	5.0	1.00	
1,1-Dichloroethane	ND	1.0	1.00	
1,2-Dichloroethane	ND	0.50	1.00	
1,1-Dichloroethene	ND	1.0	1.00	
c-1,2-Dichloroethene	ND	1.0	1.00	
t-1,2-Dichloroethene	ND	1.0	1.00	
1,2-Dichloropropane	ND	1.0	1.00	
1,3-Dichloropropane	ND	1.0	1.00	
2,2-Dichloropropane	ND	1.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Apex Companies, LLC	Date Received:	12/04/18
1962 Freeman Avenue	Work Order:	18-12-0245
Signal Hill, CA 90755-1241	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: Ameripride		Page 22 of 24

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	1.0	1.00	
c-1,3-Dichloropropene	ND	0.50	1.00	
t-1,3-Dichloropropene	ND	0.50	1.00	
Ethylbenzene	ND	1.0	1.00	
2-Hexanone	ND	10	1.00	
Isopropylbenzene	ND	1.0	1.00	
p-Isopropyltoluene	ND	1.0	1.00	
Methylene Chloride	ND	10	1.00	
4-Methyl-2-Pentanone	ND	10	1.00	
Naphthalene	ND	10	1.00	
n-Propylbenzene	ND	1.0	1.00	
Styrene	ND	1.0	1.00	
1,1,1,2-Tetrachloroethane	ND	2.0	1.00	
1,1,2,2-Tetrachloroethane	ND	10	1.00	
Tetrachloroethene	ND	1.0	1.00	
Toluene	ND	1.0	1.00	
1,2,3-Trichlorobenzene	ND	1.0	1.00	
1,2,4-Trichlorobenzene	ND	1.0	1.00	
1,1,1-Trichloroethane	ND	1.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.00	
1,1,2-Trichloroethane	ND	1.0	1.00	
Trichloroethene	ND	1.0	1.00	
Trichlorofluoromethane	ND	10	1.00	
1,2,3-Trichloropropane	ND	5.0	1.00	
1,2,4-Trimethylbenzene	ND	1.0	1.00	
1,3,5-Trimethylbenzene	ND	1.0	1.00	
Vinyl Acetate	ND	10	1.00	
Vinyl Chloride	ND	0.50	1.00	
p/m-Xylene	ND	2.0	1.00	
o-Xylene	ND	1.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	97	77-120	
Dibromofluoromethane	91	80-128	
1,2-Dichloroethane-d4	91	80-129	
Toluene-d8	101	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Apex Companies, LLC
1962 Freeman Avenue
Signal Hill, CA 90755-1241

Date Received: 12/04/18
Work Order: 18-12-0245
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: Ameripride

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-14-001-27609**	**N/A**	**Aqueous**	**GC/MS V V**	**12/10/18**	**12/10/18 12:34**	**181210L003**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	20	1.00	
Benzene	ND	1.0	1.00	
Bromobenzene	ND	1.0	1.00	
Bromochloromethane	ND	2.0	1.00	
Bromodichloromethane	ND	1.0	1.00	
Bromoform	ND	5.0	1.00	
Bromomethane	ND	50	1.00	
2-Butanone	ND	20	1.00	
n-Butylbenzene	ND	1.0	1.00	
sec-Butylbenzene	ND	1.0	1.00	
tert-Butylbenzene	ND	1.0	1.00	
Carbon Disulfide	ND	10	1.00	
Carbon Tetrachloride	ND	0.50	1.00	
Chlorobenzene	ND	1.0	1.00	
Chloroethane	ND	5.0	1.00	
Chloroform	ND	1.0	1.00	
Chloromethane	ND	10	1.00	
2-Chlorotoluene	ND	1.0	1.00	
4-Chlorotoluene	ND	1.0	1.00	
Dibromochloromethane	ND	2.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.00	
1,2-Dibromoethane	ND	1.0	1.00	
Dibromomethane	ND	1.0	1.00	
1,2-Dichlorobenzene	ND	1.0	1.00	
1,3-Dichlorobenzene	ND	1.0	1.00	
1,4-Dichlorobenzene	ND	1.0	1.00	
Dichlorodifluoromethane	ND	5.0	1.00	
1,1-Dichloroethane	ND	1.0	1.00	
1,2-Dichloroethane	ND	0.50	1.00	
1,1-Dichloroethene	ND	1.0	1.00	
c-1,2-Dichloroethene	ND	1.0	1.00	
t-1,2-Dichloroethene	ND	1.0	1.00	
1,2-Dichloropropane	ND	1.0	1.00	
1,3-Dichloropropane	ND	1.0	1.00	
2,2-Dichloropropane	ND	1.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Analytical Report

Apex Companies, LLC	Date Received:	12/04/18
1962 Freeman Avenue	Work Order:	18-12-0245
Signal Hill, CA 90755-1241	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: Ameripride		Page 24 of 24

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	1.0	1.00	
c-1,3-Dichloropropene	ND	0.50	1.00	
t-1,3-Dichloropropene	ND	0.50	1.00	
Ethylbenzene	ND	1.0	1.00	
2-Hexanone	ND	10	1.00	
Isopropylbenzene	ND	1.0	1.00	
p-Isopropyltoluene	ND	1.0	1.00	
Methylene Chloride	ND	10	1.00	
4-Methyl-2-Pentanone	ND	10	1.00	
Naphthalene	ND	10	1.00	
n-Propylbenzene	ND	1.0	1.00	
Styrene	ND	1.0	1.00	
1,1,1,2-Tetrachloroethane	ND	2.0	1.00	
1,1,2,2-Tetrachloroethane	ND	10	1.00	
Tetrachloroethene	ND	1.0	1.00	
Toluene	ND	1.0	1.00	
1,2,3-Trichlorobenzene	ND	1.0	1.00	
1,2,4-Trichlorobenzene	ND	1.0	1.00	
1,1,1-Trichloroethane	ND	1.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.00	
1,1,2-Trichloroethane	ND	1.0	1.00	
Trichloroethene	ND	1.0	1.00	
Trichlorofluoromethane	ND	10	1.00	
1,2,3-Trichloropropane	ND	5.0	1.00	
1,2,4-Trimethylbenzene	ND	1.0	1.00	
1,3,5-Trimethylbenzene	ND	1.0	1.00	
Vinyl Acetate	ND	10	1.00	
Vinyl Chloride	ND	0.50	1.00	
p/m-Xylene	ND	2.0	1.00	
o-Xylene	ND	1.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	94	77-120	
Dibromofluoromethane	111	80-128	
1,2-Dichloroethane-d4	109	80-129	
Toluene-d8	100	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

eurofins | Calscience

Quality Control - Spike/Spike Duplicate

Apex Companies, LLC
1962 Freeman Avenue
Signal Hill, CA 90755-1241

Project: Ameripride

Date Received: 12/04/18
Work Order: 18-12-0245
Preparation: EPA 5030C
Method: EPA 8260B

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
MW-10B	**Sample**	**Aqueous**	**GC/MS QQ**	**12/07/18**	**12/08/18 00:34**	**181207S020**
MW-10B	**Matrix Spike**	**Aqueous**	**GC/MS QQ**	**12/07/18**	**12/08/18 01:02**	**181207S020**
MW-10B	**Matrix Spike Duplicate**	**Aqueous**	**GC/MS QQ**	**12/07/18**	**12/08/18 01:29**	**181207S020**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Acetone	ND	50.00	40.28	81	41.83	84	34-166	4	0-33	
Benzene	ND	50.00	47.50	95	46.15	92	75-125	3	0-20	
Bromobenzene	ND	50.00	51.99	104	50.65	101	75-125	3	0-20	
Bromochloromethane	ND	50.00	46.13	92	44.54	89	75-125	4	0-20	
Bromodichloromethane	ND	50.00	49.73	99	48.85	98	75-134	2	0-20	
Bromoform	ND	50.00	45.72	91	44.12	88	74-134	4	0-20	
Bromomethane	ND	50.00	66.76	134	50.60	101	20-168	28	0-40	
2-Butanone	ND	50.00	43.90	88	43.83	88	37-157	0	0-20	
n-Butylbenzene	ND	50.00	48.11	96	44.83	90	73-145	7	0-20	
sec-Butylbenzene	ND	50.00	51.47	103	49.32	99	75-135	4	0-20	
tert-Butylbenzene	ND	50.00	51.47	103	48.77	98	75-136	5	0-20	
Carbon Disulfide	ND	50.00	43.40	87	41.01	82	50-152	6	0-27	
Carbon Tetrachloride	ND	50.00	47.42	95	45.59	91	70-154	4	0-20	
Chlorobenzene	ND	50.00	51.27	103	49.13	98	75-125	4	0-20	
Chloroethane	ND	50.00	47.80	96	44.25	89	41-167	8	0-26	
Chloroform	ND	50.00	49.55	99	47.95	96	75-127	3	0-20	
Chloromethane	ND	50.00	39.83	80	40.48	81	41-149	2	0-20	
2-Chlorotoluene	ND	50.00	48.32	97	47.03	94	75-128	3	0-20	
4-Chlorotoluene	ND	50.00	51.16	102	48.42	97	75-125	5	0-20	
Dibromochloromethane	ND	50.00	48.54	97	47.30	95	75-131	3	0-20	
1,2-Dibromo-3-Chloropropane	ND	50.00	46.17	92	45.18	90	64-142	2	0-20	
1,2-Dibromoethane	ND	50.00	51.32	103	50.49	101	75-129	2	0-20	
Dibromomethane	ND	50.00	52.00	104	51.01	102	75-125	2	0-20	
1,2-Dichlorobenzene	ND	50.00	53.21	106	50.87	102	75-125	4	0-20	
1,3-Dichlorobenzene	ND	50.00	51.12	102	47.80	96	75-125	7	0-20	
1,4-Dichlorobenzene	ND	50.00	51.42	103	47.98	96	75-125	7	0-20	
Dichlorodifluoromethane	ND	50.00	41.79	84	40.28	81	25-157	4	0-26	
1,1-Dichloroethane	ND	50.00	41.23	82	39.78	80	73-139	4	0-20	
1,2-Dichloroethane	ND	50.00	50.20	100	48.99	98	75-125	2	0-20	
1,1-Dichloroethene	ND	50.00	43.12	86	50.54	101	61-145	16	0-20	
c-1,2-Dichloroethene	4.526	50.00	52.91	97	50.48	92	75-125	5	0-20	
t-1,2-Dichloroethene	ND	50.00	48.16	96	45.93	92	64-142	5	0-20	
1,2-Dichloropropane	ND	50.00	46.91	94	46.24	92	75-127	1	0-20	
1,3-Dichloropropane	ND	50.00	47.43	95	46.78	94	75-125	1	0-20	
2,2-Dichloropropane	ND	50.00	39.92	80	38.29	77	24-180	4	0-20	

RPD: Relative Percent Difference. CL: Control Limits

Return to Contents

eurofins | Calscience

Quality Control - Spike/Spike Duplicate

Apex Companies, LLC		Date Received:	12/04/18
1962 Freeman Avenue		Work Order:	18-12-0245
Signal Hill, CA 90755-1241		Preparation:	EPA 5030C
		Method:	EPA 8260B
Project: Ameripride			Page 2 of 2

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
1,1-Dichloropropene	ND	50.00	48.03	96	46.45	93	75-135	3	0-20	
c-1,3-Dichloropropene	ND	50.00	45.48	91	44.64	89	75-137	2	0-20	
t-1,3-Dichloropropene	ND	50.00	44.51	89	43.46	87	74-146	2	0-20	
Ethylbenzene	ND	50.00	50.68	101	49.19	98	75-129	3	0-20	
2-Hexanone	ND	50.00	41.67	83	42.29	85	47-161	1	0-20	
Isopropylbenzene	ND	50.00	49.61	99	48.25	97	75-135	3	0-20	
p-Isopropyltoluene	ND	50.00	49.27	99	46.58	93	75-136	6	0-20	
Methylene Chloride	ND	50.00	47.71	95	45.72	91	63-141	4	0-20	
4-Methyl-2-Pentanone	ND	50.00	46.82	94	47.18	94	66-138	1	0-20	
Naphthalene	ND	50.00	47.09	94	46.91	94	59-143	0	0-20	
n-Propylbenzene	ND	50.00	47.80	96	46.48	93	75-133	3	0-20	
Styrene	ND	50.00	43.31	87	46.95	94	70-142	8	0-28	
1,1,1,2-Tetrachloroethane	ND	50.00	51.46	103	50.11	100	75-139	3	0-20	
1,1,2,2-Tetrachloroethane	ND	50.00	53.76	108	51.76	104	61-145	4	0-20	
Tetrachloroethene	ND	50.00	51.97	104	48.83	98	47-143	6	0-20	
Toluene	ND	50.00	53.08	106	51.29	103	75-125	3	0-20	
1,2,3-Trichlorobenzene	ND	50.00	47.97	96	45.67	91	73-133	5	0-20	
1,2,4-Trichlorobenzene	ND	50.00	47.94	96	44.43	89	71-137	8	0-20	
1,1,1-Trichloroethane	ND	50.00	49.57	99	47.48	95	75-136	4	0-20	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50.00	42.12	84	49.45	99	42-168	16	0-22	
1,1,2-Trichloroethane	ND	50.00	50.22	100	49.81	100	75-125	1	0-20	
Trichloroethene	1.084	50.00	52.13	102	50.01	98	67-139	4	0-20	
Trichlorofluoromethane	ND	50.00	47.94	96	46.19	92	59-155	4	0-20	
1,2,3-Trichloropropane	ND	50.00	45.11	90	44.53	89	75-127	1	0-20	
1,2,4-Trimethylbenzene	ND	50.00	48.21	96	48.01	96	75-133	0	0-20	
1,3,5-Trimethylbenzene	ND	50.00	46.35	93	45.98	92	75-135	1	0-20	
Vinyl Acetate	ND	50.00	37.69	75	36.57	73	54-180	3	0-25	
Vinyl Chloride	ND	50.00	44.19	88	41.73	83	51-153	6	0-20	
p/m-Xylene	ND	100.0	94.83	95	92.81	93	75-133	2	0-20	
o-Xylene	ND	50.00	47.24	94	46.23	92	75-134	2	0-20	
Methyl-t-Butyl Ether (MTBE)	ND	50.00	38.42	77	38.21	76	64-136	1	0-20	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits

eurofins | Calscience

Quality Control - LCS

Apex Companies, LLC
1962 Freeman Avenue
Signal Hill, CA 90755-1241

Project: Ameripride

Date Received: 12/04/18
Work Order: 18-12-0245
Preparation: EPA 5030C
Method: EPA 8260B

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-14-001-27608	**LCS**	**Aqueous**	**GC/MS QQ**	**12/07/18**	**12/07/18 22:43**	**181207L049**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
Acetone	50.00	39.41	79	53-137	39-151	
Benzene	50.00	47.89	96	79-121	72-128	
Bromobenzene	50.00	52.52	105	80-120	73-127	
Bromochloromethane	50.00	46.07	92	80-122	73-129	
Bromodichloromethane	50.00	49.36	99	80-124	73-131	
Bromoform	50.00	45.64	91	73-127	64-136	
Bromomethane	50.00	62.88	126	50-150	33-167	
2-Butanone	50.00	42.10	84	60-126	49-137	
n-Butylbenzene	50.00	48.77	98	72-138	61-149	
sec-Butylbenzene	50.00	51.76	104	77-131	68-140	
tert-Butylbenzene	50.00	51.42	103	80-125	72-132	
Carbon Disulfide	50.00	42.84	86	50-150	33-167	
Carbon Tetrachloride	50.00	47.36	95	65-143	52-156	
Chlorobenzene	50.00	52.19	104	80-120	73-127	
Chloroethane	50.00	48.05	96	62-128	51-139	
Chloroform	50.00	49.65	99	80-120	73-127	
Chloromethane	50.00	40.31	81	43-133	28-148	
2-Chlorotoluene	50.00	48.31	97	80-121	73-128	
4-Chlorotoluene	50.00	51.92	104	80-120	73-127	
Dibromochloromethane	50.00	47.94	96	80-123	73-130	
1,2-Dibromo-3-Chloropropane	50.00	44.58	89	66-126	56-136	
1,2-Dibromoethane	50.00	51.76	104	80-120	73-127	
Dibromomethane	50.00	51.50	103	80-120	73-127	
1,2-Dichlorobenzene	50.00	53.87	108	80-120	73-127	
1,3-Dichlorobenzene	50.00	52.12	104	80-120	73-127	
1,4-Dichlorobenzene	50.00	52.52	105	80-120	73-127	
Dichlorodifluoromethane	50.00	42.70	85	50-150	33-167	
1,1-Dichloroethane	50.00	42.25	84	72-126	63-135	
1,2-Dichloroethane	50.00	49.73	99	76-120	69-127	
1,1-Dichloroethene	50.00	48.34	97	66-132	55-143	
c-1,2-Dichloroethene	50.00	48.61	97	78-120	71-127	
t-1,2-Dichloroethene	50.00	48.69	97	66-132	55-143	
1,2-Dichloropropane	50.00	47.68	95	80-120	73-127	
1,3-Dichloropropane	50.00	47.73	95	80-120	73-127	
2,2-Dichloropropane	50.00	42.03	84	50-150	33-167	
1,1-Dichloropropene	50.00	48.69	97	75-123	67-131	
c-1,3-Dichloropropene	50.00	46.59	93	77-131	68-140	
t-1,3-Dichloropropene	50.00	46.67	93	76-136	66-146	

RPD: Relative Percent Difference. CL: Control Limits

Return to Contents

eurofins | Calscience

Quality Control - LCS

Apex Companies, LLC	Date Received:	12/04/18
1962 Freeman Avenue	Work Order:	18-12-0245
Signal Hill, CA 90755-1241	Preparation:	EPA 5030C
	Method:	EPA 8260B
Project: Ameripride		Page 2 of 6

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
Ethylbenzene	50.00	50.78	102	80-120	73-127	
2-Hexanone	50.00	41.80	84	63-123	53-133	
Isopropylbenzene	50.00	49.82	100	80-128	72-136	
p-Isopropyltoluene	50.00	50.49	101	73-133	63-143	
Methylene Chloride	50.00	47.25	95	61-133	49-145	
4-Methyl-2-Pentanone	50.00	46.60	93	65-125	55-135	
Naphthalene	50.00	47.22	94	69-129	59-139	
n-Propylbenzene	50.00	48.05	96	80-128	72-136	
Styrene	50.00	50.17	100	80-126	72-134	
1,1,1,2-Tetrachloroethane	50.00	52.00	104	80-129	72-137	
1,1,2,2-Tetrachloroethane	50.00	52.84	106	74-122	66-130	
Tetrachloroethene	50.00	63.31	127	55-139	41-153	
Toluene	50.00	53.03	106	80-120	73-127	
1,2,3-Trichlorobenzene	50.00	48.32	97	72-132	62-142	
1,2,4-Trichlorobenzene	50.00	48.94	98	74-134	64-144	
1,1,1-Trichloroethane	50.00	50.01	100	76-124	68-132	
1,1,2-Trichloro-1,2,2-Trifluoroethane	50.00	50.04	100	54-150	38-166	
1,1,2-Trichloroethane	50.00	50.41	101	80-120	73-127	
Trichloroethene	50.00	51.95	104	79-121	72-128	
Trichlorofluoromethane	50.00	48.20	96	72-132	62-142	
1,2,3-Trichloropropane	50.00	45.27	91	75-123	67-131	
1,2,4-Trimethylbenzene	50.00	51.87	104	74-128	65-137	
1,3,5-Trimethylbenzene	50.00	47.26	95	77-131	68-140	
Vinyl Acetate	50.00	44.52	89	50-150	33-167	
Vinyl Chloride	50.00	44.19	88	63-129	52-140	
p/m-Xylene	100.0	95.09	95	80-122	73-129	
o-Xylene	50.00	47.82	96	80-128	72-136	
Methyl-t-Butyl Ether (MTBE)	50.00	39.57	79	69-123	60-132	

Total number of LCS compounds: 66
Total number of ME compounds: 0
Total number of ME compounds allowed: 3
LCS ME CL validation result: Pass

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits

eurofins | Calscience

Quality Control - LCS/LCSD

Apex Companies, LLC
1962 Freeman Avenue
Signal Hill, CA 90755-1241

Project: Ameripride

Date Received: 12/04/18
Work Order: 18-12-0245
Preparation: EPA 5030C
Method: EPA 8260B

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-14-001-27595	**LCS**	**Aqueous**	**GC/MS V V**	**12/07/18**	**12/07/18 09:56**	**181207L002**
099-14-001-27595	**LCSD**	**Aqueous**	**GC/MS V V**	**12/07/18**	**12/07/18 10:23**	**181207L002**

Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	ME CL	RPD	RPD CL	Qualifiers
Acetone	50.00	56.38	113	56.39	113	53-137	39-151	0	0-21	
Benzene	50.00	49.45	99	48.94	98	79-121	72-128	1	0-20	
Bromobenzene	50.00	48.02	96	48.45	97	80-120	73-127	1	0-20	
Bromochloromethane	50.00	49.53	99	48.39	97	80-122	73-129	2	0-20	
Bromodichloromethane	50.00	49.96	100	48.72	97	80-124	73-131	3	0-20	
Bromoform	50.00	45.21	90	45.25	90	73-127	64-136	0	0-20	
Bromomethane	50.00	39.93	80	39.79	80	50-150	33-167	0	0-26	
2-Butanone	50.00	70.69	141	70.49	141	60-126	49-137	0	0-20	X
n-Butylbenzene	50.00	53.68	107	52.90	106	72-138	61-149	1	0-20	
sec-Butylbenzene	50.00	51.29	103	50.49	101	77-131	68-140	2	0-20	
tert-Butylbenzene	50.00	50.50	101	49.07	98	80-125	72-132	3	0-20	
Carbon Disulfide	50.00	49.10	98	49.52	99	50-150	33-167	1	0-22	
Carbon Tetrachloride	50.00	50.39	101	52.14	104	65-143	52-156	3	0-20	
Chlorobenzene	50.00	50.09	100	50.09	100	80-120	73-127	0	0-20	
Chloroethane	50.00	49.63	99	50.95	102	62-128	51-139	3	0-20	
Chloroform	50.00	52.28	105	51.87	104	80-120	73-127	1	0-20	
Chloromethane	50.00	59.20	118	59.69	119	43-133	28-148	1	0-20	
2-Chlorotoluene	50.00	50.99	102	51.54	103	80-121	73-128	1	0-20	
4-Chlorotoluene	50.00	51.71	103	50.76	102	80-120	73-127	2	0-20	
Dibromochloromethane	50.00	50.56	101	51.11	102	80-123	73-130	1	0-20	
1,2-Dibromo-3-Chloropropane	50.00	48.00	96	48.42	97	66-126	56-136	1	0-20	
1,2-Dibromoethane	50.00	52.43	105	53.00	106	80-120	73-127	1	0-20	
Dibromomethane	50.00	49.70	99	47.81	96	80-120	73-127	4	0-20	
1,2-Dichlorobenzene	50.00	50.80	102	49.81	100	80-120	73-127	2	0-20	
1,3-Dichlorobenzene	50.00	49.87	100	48.78	98	80-120	73-127	2	0-20	
1,4-Dichlorobenzene	50.00	49.70	99	49.21	98	80-120	73-127	1	0-20	
Dichlorodifluoromethane	50.00	45.62	91	46.66	93	50-150	33-167	2	0-30	
1,1-Dichloroethane	50.00	50.88	102	51.02	102	72-126	63-135	0	0-20	
1,2-Dichloroethane	50.00	52.97	106	51.64	103	76-120	69-127	3	0-20	
1,1-Dichloroethene	50.00	57.48	115	58.12	116	66-132	55-143	1	0-20	
c-1,2-Dichloroethene	50.00	50.65	101	51.59	103	78-120	71-127	2	0-20	
t-1,2-Dichloroethene	50.00	50.41	101	50.30	101	66-132	55-143	0	0-20	
1,2-Dichloropropane	50.00	55.84	112	55.46	111	80-120	73-127	1	0-20	
1,3-Dichloropropane	50.00	54.84	110	54.84	110	80-120	73-127	0	0-20	
2,2-Dichloropropane	50.00	46.32	93	48.09	96	50-150	33-167	4	0-20	
1,1-Dichloropropene	50.00	56.81	114	57.95	116	75-123	67-131	2	0-20	

RPD: Relative Percent Difference. CL: Control Limits

Return to Contents

eurofins | Calscience

Quality Control - LCS/LCSD

Apex Companies, LLC		Date Received:	12/04/18
1962 Freeman Avenue		Work Order:	18-12-0245
Signal Hill, CA 90755-1241		Preparation:	EPA 5030C
		Method:	EPA 8260B
Project: Ameripride			Page 4 of 6

Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	ME CL	RPD	RPD CL	Qualifiers
c-1,3-Dichloropropene	50.00	50.57	101	49.81	100	77-131	68-140	2	0-20	
t-1,3-Dichloropropene	50.00	45.94	92	46.29	93	76-136	66-146	1	0-20	
Ethylbenzene	50.00	50.43	101	50.60	101	80-120	73-127	0	0-20	
2-Hexanone	50.00	61.50	123	62.23	124	63-123	53-133	1	0-20	ME
Isopropylbenzene	50.00	50.21	100	50.57	101	80-128	72-136	1	0-20	
p-Isopropyltoluene	50.00	52.21	104	51.76	104	73-133	63-143	1	0-20	
Methylene Chloride	50.00	52.07	104	52.19	104	61-133	49-145	0	0-27	
4-Methyl-2-Pentanone	50.00	53.74	107	52.56	105	65-125	55-135	2	0-20	
Naphthalene	50.00	52.09	104	51.21	102	69-129	59-139	2	0-20	
n-Propylbenzene	50.00	51.86	104	52.41	105	80-128	72-136	1	0-20	
Styrene	50.00	49.26	99	49.51	99	80-126	72-134	1	0-20	
1,1,1,2-Tetrachloroethane	50.00	49.82	100	50.81	102	80-129	72-137	2	0-20	
1,1,2,2-Tetrachloroethane	50.00	51.98	104	52.29	105	74-122	66-130	1	0-20	
Tetrachloroethene	50.00	48.47	97	46.70	93	55-139	41-153	4	0-23	
Toluene	50.00	49.22	98	48.33	97	80-120	73-127	2	0-20	
1,2,3-Trichlorobenzene	50.00	50.61	101	48.62	97	72-132	62-142	4	0-20	
1,2,4-Trichlorobenzene	50.00	50.19	100	48.73	97	74-134	64-144	3	0-20	
1,1,1-Trichloroethane	50.00	50.70	101	51.72	103	76-124	68-132	2	0-20	
1,1,2-Trichloro-1,2,2-Trifluoroethane	50.00	51.84	104	53.10	106	54-150	38-166	2	0-30	
1,1,2-Trichloroethane	50.00	53.07	106	52.89	106	80-120	73-127	0	0-20	
Trichloroethene	50.00	49.21	98	48.60	97	79-121	72-128	1	0-20	
Trichlorofluoromethane	50.00	53.20	106	54.20	108	72-132	62-142	2	0-20	
1,2,3-Trichloropropane	50.00	49.81	100	50.24	100	75-123	67-131	1	0-20	
1,2,4-Trimethylbenzene	50.00	52.08	104	51.62	103	74-128	65-137	1	0-20	
1,3,5-Trimethylbenzene	50.00	51.45	103	51.42	103	77-131	68-140	0	0-20	
Vinyl Acetate	50.00	61.79	124	61.55	123	50-150	33-167	0	0-20	
Vinyl Chloride	50.00	51.36	103	52.21	104	63-129	52-140	2	0-20	
p/m-Xylene	100.0	101.7	102	102.8	103	80-122	73-129	1	0-20	
o-Xylene	50.00	48.67	97	48.71	97	80-128	72-136	0	0-20	
Methyl-t-Butyl Ether (MTBE)	50.00	45.25	91	45.39	91	69-123	60-132	0	0-20	

Total number of LCS compounds: 66
Total number of ME compounds: 1
Total number of ME compounds allowed: 3
LCS ME CL validation result: Pass

RPD: Relative Percent Difference. CL: Control Limits

Return to Contents

eurofins | Calscience

Quality Control - LCS/LCSD

Apex Companies, LLC
1962 Freeman Avenue
Signal Hill, CA 90755-1241

Project: Ameripride

Date Received: 12/04/18
Work Order: 18-12-0245
Preparation: EPA 5030C
Method: EPA 8260B

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-14-001-27609	**LCS**	**Aqueous**	**GC/MS V V**	**12/10/18**	**12/10/18 11:00**	**181210L003**
099-14-001-27609	**LCSD**	**Aqueous**	**GC/MS V V**	**12/10/18**	**12/10/18 11:27**	**181210L003**

Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	ME CL	RPD	RPD CL	Qualifiers
Acetone	50.00	54.45	109	52.22	104	53-137	39-151	4	0-21	
Benzene	50.00	49.04	98	47.50	95	79-121	72-128	3	0-20	
Bromobenzene	50.00	48.27	97	46.67	93	80-120	73-127	3	0-20	
Bromochloromethane	50.00	49.08	98	46.14	92	80-122	73-129	6	0-20	
Bromodichloromethane	50.00	49.35	99	48.89	98	80-124	73-131	1	0-20	
Bromoform	50.00	43.71	87	42.47	85	73-127	64-136	3	0-20	
Bromomethane	50.00	29.42	59	29.31	59	50-150	33-167	0	0-26	
2-Butanone	50.00	62.88	126	65.54	131	60-126	49-137	4	0-20	ME
n-Butylbenzene	50.00	51.04	102	49.74	99	72-138	61-149	3	0-20	
sec-Butylbenzene	50.00	49.32	99	47.60	95	77-131	68-140	4	0-20	
tert-Butylbenzene	50.00	48.23	96	48.09	96	80-125	72-132	0	0-20	
Carbon Disulfide	50.00	47.64	95	46.80	94	50-150	33-167	2	0-22	
Carbon Tetrachloride	50.00	52.13	104	51.98	104	65-143	52-156	0	0-20	
Chlorobenzene	50.00	49.43	99	48.27	97	80-120	73-127	2	0-20	
Chloroethane	50.00	49.71	99	50.88	102	62-128	51-139	2	0-20	
Chloroform	50.00	51.39	103	50.46	101	80-120	73-127	2	0-20	
Chloromethane	50.00	56.63	113	56.74	113	43-133	28-148	0	0-20	
2-Chlorotoluene	50.00	50.53	101	49.28	99	80-121	73-128	3	0-20	
4-Chlorotoluene	50.00	49.16	98	47.17	94	80-120	73-127	4	0-20	
Dibromochloromethane	50.00	50.29	101	49.98	100	80-123	73-130	1	0-20	
1,2-Dibromo-3-Chloropropane	50.00	44.25	89	43.82	88	66-126	56-136	1	0-20	
1,2-Dibromoethane	50.00	51.27	103	49.39	99	80-120	73-127	4	0-20	
Dibromomethane	50.00	48.43	97	47.40	95	80-120	73-127	2	0-20	
1,2-Dichlorobenzene	50.00	49.30	99	47.31	95	80-120	73-127	4	0-20	
1,3-Dichlorobenzene	50.00	48.10	96	47.16	94	80-120	73-127	2	0-20	
1,4-Dichlorobenzene	50.00	47.96	96	46.33	93	80-120	73-127	3	0-20	
Dichlorodifluoromethane	50.00	49.72	99	49.73	99	50-150	33-167	0	0-30	
1,1-Dichloroethane	50.00	49.81	100	48.91	98	72-126	63-135	2	0-20	
1,2-Dichloroethane	50.00	51.58	103	50.66	101	76-120	69-127	2	0-20	
1,1-Dichloroethene	50.00	56.00	112	55.23	110	66-132	55-143	1	0-20	
c-1,2-Dichloroethene	50.00	49.73	99	49.37	99	78-120	71-127	1	0-20	
t-1,2-Dichloroethene	50.00	49.06	98	48.92	98	66-132	55-143	0	0-20	
1,2-Dichloropropane	50.00	54.37	109	53.51	107	80-120	73-127	2	0-20	
1,3-Dichloropropane	50.00	52.53	105	51.25	103	80-120	73-127	2	0-20	
2,2-Dichloropropane	50.00	50.08	100	47.93	96	50-150	33-167	4	0-20	
1,1-Dichloropropene	50.00	55.42	111	54.47	109	75-123	67-131	2	0-20	

RPD: Relative Percent Difference. CL: Control Limits

Return to Contents

eurofins | Calscience

Quality Control - LCS/LCSD

Apex Companies, LLC		Date Received:	12/04/18
1962 Freeman Avenue		Work Order:	18-12-0245
Signal Hill, CA 90755-1241		Preparation:	EPA 5030C
		Method:	EPA 8260B
Project: Ameripride			Page 6 of 6

Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	ME CL	RPD	RPD CL	Qualifiers
c-1,3-Dichloropropene	50.00	49.88	100	48.58	97	77-131	68-140	3	0-20	
t-1,3-Dichloropropene	50.00	45.92	92	44.28	89	76-136	66-146	4	0-20	
Ethylbenzene	50.00	49.66	99	48.55	97	80-120	73-127	2	0-20	
2-Hexanone	50.00	56.89	114	54.56	109	63-123	53-133	4	0-20	
Isopropylbenzene	50.00	49.84	100	48.66	97	80-128	72-136	2	0-20	
p-Isopropyltoluene	50.00	50.76	102	48.65	97	73-133	63-143	4	0-20	
Methylene Chloride	50.00	50.68	101	50.05	100	61-133	49-145	1	0-27	
4-Methyl-2-Pentanone	50.00	49.43	99	48.98	98	65-125	55-135	1	0-20	
Naphthalene	50.00	44.67	89	44.38	89	69-129	59-139	1	0-20	
n-Propylbenzene	50.00	51.79	104	50.56	101	80-128	72-136	2	0-20	
Styrene	50.00	48.42	97	47.55	95	80-126	72-134	2	0-20	
1,1,1,2-Tetrachloroethane	50.00	49.93	100	48.71	97	80-129	72-137	2	0-20	
1,1,2,2-Tetrachloroethane	50.00	50.03	100	49.18	98	74-122	66-130	2	0-20	
Tetrachloroethene	50.00	44.03	88	41.94	84	55-139	41-153	5	0-23	
Toluene	50.00	49.18	98	47.55	95	80-120	73-127	3	0-20	
1,2,3-Trichlorobenzene	50.00	46.28	93	46.01	92	72-132	62-142	1	0-20	
1,2,4-Trichlorobenzene	50.00	47.18	94	46.16	92	74-134	64-144	2	0-20	
1,1,1-Trichloroethane	50.00	51.08	102	50.04	100	76-124	68-132	2	0-20	
1,1,2-Trichloro-1,2,2-Trifluoroethane	50.00	49.91	100	50.17	100	54-150	38-166	1	0-30	
1,1,2-Trichloroethane	50.00	51.12	102	49.94	100	80-120	73-127	2	0-20	
Trichloroethene	50.00	48.40	97	46.74	93	79-121	72-128	4	0-20	
Trichlorofluoromethane	50.00	54.17	108	53.31	107	72-132	62-142	2	0-20	
1,2,3-Trichloropropane	50.00	48.51	97	47.30	95	75-123	67-131	3	0-20	
1,2,4-Trimethylbenzene	50.00	50.44	101	48.56	97	74-128	65-137	4	0-20	
1,3,5-Trimethylbenzene	50.00	50.85	102	49.92	100	77-131	68-140	2	0-20	
Vinyl Acetate	50.00	60.66	121	59.08	118	50-150	33-167	3	0-20	
Vinyl Chloride	50.00	52.70	105	52.36	105	63-129	52-140	1	0-20	
p/m-Xylene	100.0	99.71	100	97.49	97	80-122	73-129	2	0-20	
o-Xylene	50.00	48.47	97	46.86	94	80-128	72-136	3	0-20	
Methyl-t-Butyl Ether (MTBE)	50.00	43.42	87	42.76	86	69-123	60-132	2	0-20	

Total number of LCS compounds: 66
Total number of ME compounds: 1
Total number of ME compounds allowed: 3
LCS ME CL validation result: Pass

RPD: Relative Percent Difference. CL: Control Limits

Return to Contents

eurofins | Calscience

Sample Analysis Summary Report

Work Order: 18-12-0245 Page 1 of 1

Method	Extraction	Chemist ID	Instrument	Analytical Location
EPA 8260B	EPA 5030C	486	GC/MS QQ	2
EPA 8260B	EPA 5030C	486	GC/MS V V	2

Return to Contents

eurofins | Calscience

Glossary of Terms and Qualifiers

Work Order: 18-12-0245 Page 1 of 1

Qualifiers	Definition
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.
4	The MS/MSD RPD was out of control due to suspected matrix interference.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference.
6	Surrogate recovery below the acceptance limit.
7	Surrogate recovery above the acceptance limit.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
BV	Sample received after holding time expired.
CI	See case narrative.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
HD	The chromatographic pattern was inconsistent with the profile of the reference fuel standard.
HDH	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected).
HDL	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected).
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
JA	Analyte positively identified but quantitation is an estimate.
ME	LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean).
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
SG	The sample extract was subjected to Silica Gel treatment prior to analysis.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.
	Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.
	Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.
	A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

Return to Contents

BLAINE
TECH SERVICES, INC.

1680 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112-1105
FAX (408) 573-7771
PHONE (408) 573-0555

CHAIN OF CUSTODY BTS #

CLIENT APEX Companies LLC

SITE Ameripride
3505 Passadena Ave
Los Angeles, CA

LAB Calscience/Eurofins | DHS #

SPECIAL INSTRUCTIONS **18-12-0245**

Invoice and Report to: APEX

Attn: Andy Drummond (562)753-1868

Email copy of COC to Andy Drummond upon receipt

andy.drummond@apexcos.com

SAMPLE I.D.	DATE	TIME	MATRIX S = Soil W = H2O	CONTAINERS TOTAL		VOC's (8260B)	ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
TB-01	12/4/18	0715	W	2	1	X				1
MW-3	"	1248		4	2	X				2
MW-9A	"	1106		4	3	X				3
MW-9B	"	1034		4	4	X				4
MW-10A	"	1212		4	5	X				5
MW-10B	"	1142		4	6	X				6
MW-15	"	0946		4	7	X				7
MW-16A	"	1327		4	8	X				8
DUP1	"	—		4	9	X				9
										1

SAMPLING COMPLETED DATE 12/4/18 TIME 1415

SAMPLING PERFORMED BY Emmanuel Vail

RESULTS NEEDED NO LATER THAN Standard

RELEASED BY		DATE 12/4/18	TIME 1545	RECEIVED BY Nicole	DATE 12/4/18	TIME 1545
RELEASED BY Nicole		DATE 12/4/18	TIME 1729	RECEIVED BY	DATE 12/4/18	TIME 1725
RELEASED BY		DATE 12/4/18	TIME 1840	RECEIVED BY	DATE 12/4/18	TIME 1840
SHIPPED VIA		DATE SENT	TIME SENT	COOLER #		

Return to Contents

eurofins | Calscience

WORK ORDER NUMBER: 18-12-0245

SAMPLE RECEIPT CHECKLIST

COOLER 1 OF 1

CLIENT: APEX COMPANIES

DATE: 12/4/2018

TEMPERATURE: (Criteria: 0.0°C – 6.0°C, not frozen except sediment/tissue)

Thermometer ID: SC6 (CF: 0.0°C); Temperature (w/o CF): 2.1 °C (w/ CF): 2.1 °C; ☑ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____)

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling

☐ Sample(s) received at ambient temperature; placed on ice for transport by courier

Ambient Temperature: ☐ Air ☐ Filter Checked by: VAH1

CUSTODY SEAL:

Cooler ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: VAH1

Sample(s) ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: WSO

SAMPLE CONDITION:

	Yes	No	N/A
Chain-of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
☐ Sampling date ☐ Sampling time ☐ Matrix ☐ Number of containers			
☐ No analysis requested ☐ Not relinquished ☐ No relinquished date ☐ No relinquished time			
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and in good condition	☑	☐	☐
Proper containers for analyses requested	☑	☐	☐
Sufficient volume/mass for analyses requested	☑	☐	☐
Samples received within holding time	☑	☐	☐
Aqueous samples for certain analyses received within 15-minute holding time			
☐ pH ☐ Residual Chlorine ☐ Dissolved Sulfide ☐ Dissolved Oxygen	☐	☐	☑
Proper preservation chemical(s) noted on COC and/or sample container	☑	☐	☐
Unpreserved aqueous sample(s) received for certain analyses			
☐ Volatile Organics ☐ Total Metals ☐ Dissolved Metals			
Acid/base preserved samples - pH within acceptable range	☐	☐	☑
Container(s) for certain analysis free of headspace	☑	☐	☐
☑ Volatile Organics ☐ Dissolved Gases (RSK-175) ☐ Dissolved Oxygen (SM 4500)			
☐ Carbon Dioxide (SM 4500) ☐ Ferrous Iron (SM 3500) ☐ Hydrogen Sulfide (Hach)			
Tedlar™ bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE: (Trip Blank Lot Number: 180926B)

Aqueous: ☐ VOA ☑ VOA**h** ☐ VOA**na$_2$** ☐ 100PJ ☐ 100PJ**na$_2$** ☐ 125AGB ☐ 125AGB**h** ☐ 125AGB**p** ☐ 125PB ☐ 125PB**znna** (pH__9)

☐ 250AGB ☐ 250CGB ☐ 250CGB**s** (pH__2) ☐ 250PB ☐ 250PB**n** (pH__2) ☐ 500AGB ☐ 500AGJ ☐ 500AGJ**s** (pH__2) ☐ 500PB

☐ 1AGB ☐ 1AGB**na$_2$** ☐ 1AGB**s** (pH__2) ☐ 1AGB**s** (O&G) ☐ 1PB ☐ 1PB**na** (pH__12) ☐ _____ ☐ _____ ☐ _____

Solid: ☐ 4ozCGJ ☐ 8ozCGJ ☐ 16ozCGJ ☐ Sleeve (___) ☐ EnCores® (___) ☐ TerraCores® (___) ☐ _____ ☐ _____ ☐ _____

Air: ☐ Tedlar™ ☐ Canister ☐ Sorbent Tube ☐ PUF ☐ _____ **Other Matrix** (_____): ☐ _____ ☐ _____ ☐ _____

Container: **A** = Amber, **B** = Bottle, **C** = Clear, **E** = Envelope, **G** = Glass, **J** = Jar, **P** = Plastic, and **Z** = Ziploc/Resealable Bag

Preservative: **b** = buffered, **f** = filtered, **h** = HCl, **n** = HNO_3, **na** = NaOH, **na$_2$** = $Na_2S_2O_3$, **p** = H_3PO_4, **s** = H_2SO_4, **u** = ultra-pure, **x** = Na_2SO_3+$NaHSO_4.H_2O$, **znna** = Zn $(CH_3CO_2)_2$ + NaOH

Labeled/Checked by: WSO

Reviewed by: HMW

Return to Contents

Exhibit K

ATSDR info on TCE

ATSDR Agency for Toxic Substances & Disease Registry

Public Health Statement for Trichloroethylene

CAS#: 79-01-6

(/ToxProfiles/tp19-c1.pdf) **PDF Version, 63 KB** (/ToxProfiles/tp19-c1.pdf)

This Public Health Statement is the summary chapter from the Toxicological Profile for trichloroethylene (/ToxProfiles/TP.asp?id=173&tid=30). It is one in a series of Public Health Statements about hazardous substances and their health effects. A shorter version, the ToxFAQs™ (/toxfaqs/TF.asp?id=172&tid=30), is also available. This information is important because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present. For more information, call the ATSDR Information Center at 1-800-232-4636.

Overview

This Public Health Statement summarizes the Agency for Toxic Substances and Disease Registry's (ATSDR) findings on trichloroethylene, including chemical characteristics, exposure risks, possible health effects from exposure, and ways to limit exposure.

The U.S. Environmental Protection Agency (EPA) identifies the most serious hazardous waste sites in the nation. These sites make up the National Priorities List (NPL) and are sites targeted for long-term federal clean-up activities. The EPA has found trichloroethylene in at least 1,051 of the 1,854 current or former NPL sites. The total number of NPL sites evaluated for trichloroethylene is not known. But the possibility remains that as more sites are evaluated, the sites where trichloroethylene is found may increase. This information is important because these future sites may be sources of exposure, and exposure to trichloroethylene may be harmful.

If you are exposed to trichloroethylene, many factors determine whether you'll be harmed. These include how much you are exposed to (dose), how long you are exposed (duration), how often you are exposed (frequency), and how you are exposed (route of exposure). You must also consider the other chemicals you are exposed to and your age, sex, diet, family traits, lifestyle, and state of health.

What is trichloroethylene?

Trichloroethylene is a colorless, volatile liquid. Liquid trichloroethylene evaporates quickly into the air. It is nonflammable and has a sweet odor.

The two major uses of trichloroethylene are as a solvent to remove grease from metal parts and

as a chemical that is used to make other chemicals, especially the refrigerant, HFC-134a. Trichloroethylene has also been used as an extraction solvent for greases, oils, fats, waxes, and tars; by the textile processing industry to scour cotton, wool, and other fabrics; in dry cleaning operations; and as a component of adhesives, lubricants, paints, varnishes, paint strippers, pesticides, and cold metal cleaners.

What happens to trichloroethylene when it enters the enviornment?

Most of the trichloroethylene used in the United States is released into the atmosphere by evaporation, primarily from degreasing operations. Once in the atmosphere, the dominant trichloroethylene degradation process is reaction with hydroxyl radicals; the estimated half-life for this process is about 3–7 days. This relatively short half-life indicates that trichloroethylene is not a persistent atmospheric compound. Most trichloroethylene in surface waters or on soil surfaces evaporates into the atmosphere, although its high mobility in soil may result in it moving into groundwater below the soil surface. In these subsurface environments, trichloroethylene is only slowly degraded and may be relatively persistent. Trichloroethylene and other volatile organic chemicals may diffuse from contaminated groundwater and soil and migrate into air spaces beneath buildings to enter the indoor air, a process termed vapor intrusion.

How might I be exposed to trichloroethylene?

You may be exposed to trichloroethylene from trichloroethylene-contaminated air, water, food, or soil, or direct skin contact. You are most likely to be exposed to trichloroethylene by drinking trichloroethylene-contaminated water; you may also be exposed by breathing trichloroethylene released to the air from trichloroethylene-contaminated water. If you work in the degreasing industry or another industry where trichloroethylene is produced or used, you may be exposed by breathing in trichloroethylene-contaminated air or by contacting the chemical with your skin. Some trichloroethylene is released to the air by its evaporation from products such as adhesives, paints, and coatings; and through its evaporation from trichloroethylene-contaminated soil at landfills.

You may also be exposed to trichloroethylene by consumption of trichloroethylene-contaminated foods, by contact with consumer products containing trichloroethylene, and by direct contact with trichloroethylene-contaminated soil.

How can trichloroethylene enter and leave my body?

Trichloroethylene can enter your body from trichloroethylene-contaminated air, water, food, or soil.

Trichloroethylene in air can easily enter your body when you breathe. Most of the trichloroethylene that you breathe in will go into your bloodstream and into other organs. A small amount of trichloroethylene in the air can also move through your skin and into your bloodstream.

When trichloroethylene is found in water, it can enter your body when you drink or touch the water or when you breathe in steam from the water. Most of the trichloroethylene that you breathe in or drink will move from your stomach or lungs into your bloodstream. When you touch water containing trichloroethylene (such as showering or bathing with trichloroethylene-contaminated water), some of it can get through your skin into your body. Also, you can be exposed when trichloroethylene in groundwater evaporates and migrates into air spaces beneath buildings to enter the indoor air, a process termed vapor intrusion, and you breathe that contaminated indoor air.

Trichloroethylene has been detected in table-ready foods at concentrations generally in the range of 2–100 ppb.

You can be exposed to trichloroethylene in soil when small amounts of soil are transferred to your mouth accidentally, when your skin touches the soil, or when you breathe air or dust coming from the soil. You can also be exposed when trichloroethylene in soil evaporates and migrates into air spaces beneath buildings to enter the indoor air, a process termed vapor intrusion, and you breathe that contaminated indoor air.

Once in your blood, your liver changes much of the trichloroethylene into other chemicals. When the body absorbs more trichloroethylene than it can break down quickly, some of the trichloroethylene or its breakdown products can be stored in body fat for a brief period. However, once absorption ceases, trichloroethylene and its breakdown products quickly leave the fat.

You will quickly breathe out much of the trichloroethylene that reaches your bloodstream; most of the trichloroethylene breakdown products leave your body in the urine within a day.

How can trichloroethylene affect my health?

The health effects of trichloroethylene depend on how much trichloroethylene you are exposed to and the length of that exposure. Environmental monitoring data suggest that trichloroethylene levels the public might encounter by direct contact or through air, water, food, or soil, are generally much lower than the levels at which adverse effects are elicited in animal studies. However, some drinking water sources and working environments have been found to contain levels of trichloroethylene that may cause health problems.

Trichloroethylene was once used as an anesthetic for surgery. People who are overexposed to moderate amounts of trichloroethylene may experience headaches, dizziness, and sleepiness; large amounts of trichloroethylene may cause coma and even death. Some people who breathe high levels of trichloroethylene may develop damage to some of the nerves in the face. Other effects seen in people exposed to high levels of trichloroethylene include evidence of nervous system effects related to hearing, seeing, and balance, changes in the rhythm of the heartbeat, liver damage, and evidence of kidney damage. Some people who get concentrated solutions of trichloroethylene on their skin develop rashes.

Relatively short-term exposure of animals to trichloroethylene resulted in harmful effects on

the nervous system, liver, respiratory system, kidneys, blood, immune system, heart, and body weight.

Exposure to trichloroethylene in the workplace may cause scleroderma (a systemic autoimmune disease) in some people. Some men occupationally-exposed to trichloroethylene and other chemicals showed decreases in sex drive, sperm quality, and reproductive hormone levels.

Long-term exposure studies in animals have mainly focused on carcinogenicity and relatively insensitive noncancer end points following oral exposure; these studies are not helpful in defining noncancer end points in humans following long-term exposure. However, depressed body weight and evidence of effects on the thymus were reported in one recent study of mice exposed to trichloroethylene via their mothers during gestation and lactation and via the drinking water for up to 12 months thereafter.

There is strong evidence that trichloroethylene can cause kidney cancer in people and some evidence that it causes liver cancer and malignant lymphoma (a blood cancer). Lifetime exposure to trichloroethylene resulted in increased liver cancer in mice and increased kidney cancer in rats at relatively high exposure levels. There is some evidence for trichloroethylene-induced testicular cancer and leukemia in rats and lymphomas and lung tumors in mice.

The Department of Human Health Services (HHS) has classified trichloroethylene as "*known to be a human carcinogen*" based on sufficient evidence of carcinogenicity from humans. Similarly, the International Agency for Research on Cancer (IARC) has classified it as "carcinogenic to humans" and EPA has characterized it as "carcinogenic in humans by all routes of exposure." These agencies concluded that there were sufficient evidence from human studies that trichloroethylene exposure can cause kidney cancer in humans. There is also some evidence of an association between trichloroethylene exposure and non-Hodgkin's lymphoma in humans.

How can trichloroethylene affect children?

This section discusses potential health effects of trichloroethylene exposure in humans from when they're first conceived to 18 years of age.

Trichloroethylene is expected to affect children in the same manner as adults. It is not known whether children are more susceptible than adults to the effects of trichloroethylene.

Some human studies indicate that trichloroethylene may cause developmental effects such as spontaneous abortion, congenital heart defects, central nervous system defects, and small birth weight. However, these people were exposed to other chemicals as well. In some animal studies, exposure to trichloroethylene during development may have caused effects such as decreased body weight, increased incidences of heart defects, functional or structural changes in the developing nervous system, and effects on the immune system.

How can families reduce the risk of exposure to trichloroethylene?

If your doctor finds that you have been exposed to significant amounts of trichloroethylene, ask whether your children might also be exposed. Your doctor might need to ask your state health department to investigate. You may also contact the state or local health department with health concerns.

Exposure to contaminated drinking water should be limited. Trichloroethylene has been detected in some drinking water supplies. For bottled water, consumers should contact the bottler with specific questions on potential contaminants.

If you live near an industrial site where trichloroethylene is produced or is a byproduct or you live near a hazardous waste site where it has been discarded, there may be high levels of trichloroethylene in the water and soil. If you find your home water supply and/or soil to be contaminated with trichloroethylene, consider using a cleaner source of water and limiting contact with soil (for example, through use of a dense ground cover or thick lawn) to reduce exposure to trichloroethylene. By paying careful attention to dust and dirt control in the home (air filters, frequent cleaning), you can reduce family exposure to contaminated dirt. Some children eat a lot of dirt. You should prevent your children from eating dirt. You should discourage your children from putting objects in their mouths. Make sure that they wash their hands frequently and before eating. Discourage your children from putting their hands in their mouths or from other hand-to-mouth activity.

Trichloroethylene is widely used as a solvent for extraction, waterless drying, and finishing, and as a general purpose solvent in adhesives, lubricants, paints, varnishes, paint strippers, pesticides, and cold metal cleaners. Follow instructions on product labels to minimize exposure to trichloroethylene.

Are there medical tests to determine whether I have been exposed to trichloroethylene?

Trichloroethylene and its breakdown products (metabolites) can be measured in blood and urine. Because trichloroethylene and its metabolites leave the body fairly rapidly, the tests need to be conducted within a few hours after exposure. Tests for trichloroethylene and its metabolites in the blood or urine require special analytical equipment not readily available at medical facilities. Some metabolites of trichloroethylene can be formed from chemicals other than trichloroethylene, so detection of these metabolites in blood or urine does not guarantee that one has been exposed to trichloroethylene.

For more information on the different substances formed by trichloroethylene breakdown and on tests to detect these substances in the body, see Chapters 3 and 7.

What recommendations has the federal government made to protect human health?

The federal government develops regulations and recommendations to protect public health. Regulations can be enforced by law. Federal agencies that develop regulations for toxic substances include the Environmental Protection Agency (EPA), the Occupational Safety and

Health Administration (OSHA), and the Food and Drug Administration (FDA). Recommendations provide valuable guidelines to protect public health but are not enforceable by law. Federal organizations that develop recommendations for toxic substances include the Agency for Toxic Substances and Disease Registry (ATSDR) and the National Institute for Occupational Safety and Health (NIOSH).

Regulations and recommendations can be expressed as "not-to-exceed" levels; that is, levels of a toxic substance in air, water, soil, or food that do not exceed a critical value usually based on levels that affect animals; levels are then adjusted to help protect humans. Sometimes these not-to-exceed levels differ among federal organizations. Different organizations use different exposure times (e.g., an 8-hour workday or a 24-hour day), different animal studies, or emphasize some factors over others, depending on their mission.

Recommendations and regulations are also updated periodically as more information becomes available. For the most current information, check with the federal agency or organization that issued the regulation or recommendation.

EPA set a maximum contaminant level goal (MCLG) of zero as a national primary drinking standard for trichloroethylene; EPA noted liver problems and increased risk of cancer as potential health effects from long-term exposure above the maximum contaminant level (MCL) of 0.005 milligrams per liter (mg/L; 5 ppb).

OSHA set a permissible exposure limit (PEL) of 100 ppm for trichloroethylene in air averaged over an 8-hour work day, an acceptable ceiling concentration of 200 ppm provided the 8-hour PEL is not exceeded, and an acceptable maximum peak of 300 ppm for a maximum duration of 5 minutes in any 2 hours.

NIOSH considers trichloroethylene to be a potential occupational carcinogen and established a recommended exposure limit (REL) of 2 ppm (as a 60-minute ceiling) during the usage of trichloroethylene as an anesthetic agent and 25 ppm (as a 10-hour time-weighted average [TWA]) during all other exposures.

References

Agency for Toxic Substances and Disease Registry (ATSDR). 2019 Toxicological Profile for Trichloroethylene (/ToxProfiles/TP.asp?id=173&tid=30) . Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service.

Where can I get more information?

If you have questions or concerns, please contact your community or state health or environmental quality department or:

For more information, contact:
Agency for Toxic Substances and Disease Registry
Division of Toxicology and Human Health Sciences
1600 Clifton Road NE, Mailstop S102-1

Atlanta, GA 30333
Phone: 1-800-CDC-INFO · 888-232-6348 (TTY)
Email: Contact CDC-INFO (http://www.cdc.gov/cdc-info/requestform.html)

ATSDR can also tell you the location of occupational and environmental health clinics. These clinics specialize in recognizing, evaluating, and treating illnesses resulting from exposure to hazardous substances.

- Page last reviewed: January 21, 2015
- Page last updated: January 21, 2015
- Content source: Agency for Toxic Substances and Disease Registry (http://www.atsdr.cdc.gov/)

Agency for Toxic Substances and Disease Registry, 4770 Buford Hwy NE,
Atlanta, GA 30341
Contact CDC: 800-232-4636 / TTY: 888-232-6348

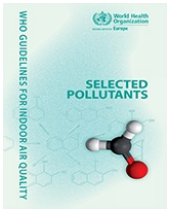
Exhibit L

WHO info on TCE

WHO Guidelines for Indoor Air Quality: Selected Pollutants.

ncbi.nlm.nih.gov/books/NBK138706/

WHO Guidelines for Indoor Air Quality: Selected Pollutants. Geneva: World Health Organization; 2010.



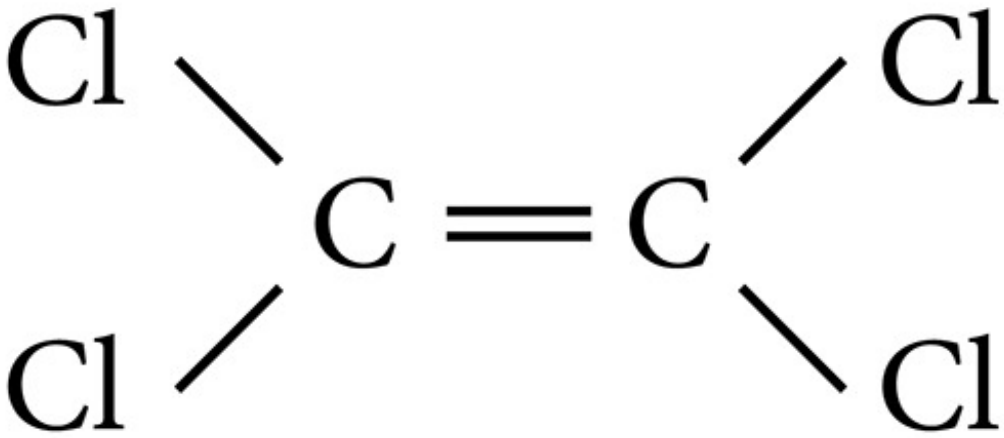
9Tetrachloroethylene

Nicole Nijhuis, Miranda Loh, and Paul Harrison.

General description

Tetrachloroethylene (PCE) (CAS Registry Number 127-18-4; C_2Cl_4; molecular weight 165.83) is a readily volatile, colourless liquid with an ether-like smell (1). Its main physical and chemical properties are as follows (2–5): molecular weight 165.83 g/mol; density (at 20 °C) 1.6227 g/ml; melting point approximately −22 °C; boiling point 121 °C; water solubility (at 25 °C) 150 mg/litre; vapour pressure 18.47 mmHg at 25 °C (2), 1.9 kPa at 20 °C, 3.2 kPa at 30 °C and 6.0 kPa at 40 °C (3); Henry's Law constant 0.018 atm-m^3/mol at 25 °C; log K_{ow} (octanol/water partition coefficient) 3.40 (measurement value) and 2.97 (estimated value); and log K_{oc} (octanol/carbon partition coefficient) 177~350 (measurement value). The reaction rate constant against the hydroxyl radical is 1.7×10^{-13} cm^3/molecule per second at 25 °C, against ozone 2.0×10^{-23} cm^3/molecule per second at 25 °C and against the NO_3 radical 5.2×10^{-17} cm^3/molecule per second.

Its structural formula is:



Common synonyms include perchloroethylene, PCE, ethylene tetrachloride, tetrachloroethene, 1,1,2,2-tetrachloroethylene, carbon dichloride, perchlor, tetrachloroethane, carbon bichloride, PERC, PCE and perk.

Conversion factors

At 760 mmHg and 20 °C, 1 ppm = 6.897 mg/m^3 and 1 mg/m^3 = 0.145 ppm; at 25 °C, 1 ppm = 6.782 mg/m^3 and 1 mg/m^3 = 0.147 ppm.

Applications and uses

Major industrial applications of PCE are as a synthetic raw material of hydrochlorofluorocarbon, a dry cleaning agent, a degreaser for manufactured metal parts and an industrial solvent. Other applications include the finishing and processing of textiles, the production of paint removers and printing inks, and the formulation of adhesives and specialized cleaning fluids. Consumer products that may contain PCE include adhesives, fragrances, spot removers, stain removers, fabric finishes, water repellents, wood cleaners, motor vehicle cleaners and dry-cleaned fabrics (6–8). In Japan, 69%, 18%, 12%, and 1.3% of PCE was used as a synthetic raw material of hydrochlorofluorocarbon, a dry cleaning agent, a degreaser and an industrial solvent, respectively (9).

Production

The estimated production volume in the United States in 1990 was 137 kilotonnes, compared to 282 kilotonnes in 1980 (2). In 1994, the total production of PCE in the EU was 164 kilotonnes. Of this amount, 78 kilotonnes was sold for use within the EU, 56 kilotonnes were exported and the remainder used as a chemical intermediate within the chemical industry (10). For Japan and the United States, it was 178 and 102 kilotonnes, respectively (1). In Canada, where PCE is no longer produced, the demand in 1990 was

estimated at 14 kilotonnes (7). In Japan, the production and supply of PCE was 25 and 37 kilotonnes, respectively. No estimates of consumption levels are available for other parts of the world.

Analytical methods in air

Common methods of measuring indoor concentrations of TCE include integrated active and passive sampling methods using tubes packed with a carbon-based sorbent or evacuated SUMMA canisters (passivated canister sampling apparatus), or diffusion samplers such as charcoal badges. Canister sampling involves controlling the flow of air into a pre-evacuated canister. Sorbent tubes and badges retain compounds according to the affinity of the sorbent for that compound. For sorbent or charcoal sampling, the analytes must first be extracted thermally or chemically, then separated using gas chromatography and identified using a detection method such as mass spectrometry (11). Personal exposure studies often use these sorbent-based methods.

Environmental fate

There are no known natural sources of PCE. The Henry's Law constant indicates that PCE is expected to volatilize rapidly from water surfaces and that volatilization from moist soil surfaces may occur (1). Concentrations in ambient air may fluctuate widely over relatively short periods of time depending on the strength of the emission source, variations in wind direction and velocity, and scavenging and photodecomposition (6).

The half-life in the atmosphere has been estimated to range from 70 to 250 days (2).Considering the atmospheric concentrations and reaction rate constant of the hydroxyl radical and ozone, this removal from atmosphere is mostly due to reaction with hydroxyl radicals. This process is temperature-dependent, with increased reaction rates in the summer. The results of biodegradability tests suggested that the biodegradability of PCE is extremely low in environmental water (12,13); it may persist in groundwater for several months or more (7).

The main sources resulting in ambient air concentrations are industrial emissions and releases from building and consumer products. Releases are primarily to the atmosphere, but the compound is also released to surface water and land in sewage sludges and in other liquid and solid waste, where it can evaporate rapidly to the atmosphere.

ATSDR has estimated that 80–85% of the PCE used annually in the United States is released into the atmosphere (2). Atmospheric emissions result from evaporation during dry cleaning, metal degreasing, the production of fluorocarbons and other chemicals, and miscellaneous solvent-associated applications (14). However, the percentage is likely to be lower in the United States at present, owing to improved technology and regulatory

restrictions. Almost all PCE enters the atmosphere unchanged. A small proportion enters water and wastewater. From surface water, PCE volatilizes owing to its relatively low water solubility and high vapour pressure.

Indoor sources and pathways of exposure

Inhalation is the most common route of exposure to PCE for the general population. Ingestion of contaminated drinking-water may also be important in areas with highly contaminated water. While PCE has been found in some food items, particularly from local source contamination, not enough data are available to estimate exposure through this route (2).

Indoor sources

Consumer products described above are sources of indoor PCE exposure. Contaminated drinking-water may be a source of indoor PCE exposure when taking a shower or washing dishes. Workers from dry cleaning establishments have been found to become sources of PCE at home by exhaling PCE in their breath (15). Dry-cleaned clothes are also possible sources of PCE in a house.

The air in dry cleaning facilities and neighbouring homes or facilities can contain elevated concentrations of PCE. Soil pollution with PCE has resulted in indoor air concentrations of these chemicals in residential homes. These chemicals can evaporate from the soil, permeate through floors and result in elevated indoor air concentrations. PCE can permeate through synthetic water pipes and contaminate drinking-water, thus leading to exposure during bathing or showering.

Drinking-water

Exposure can take place by drinking contaminated water as well as volatilization. In the United States, PCE is not detectable in drinking-water in most cases. The EPA Groundwater Supply Survey of 945 drinking-water systems nationwide reported PCE in 75 out of 945 systems in 1984; the median level of the positive samples was about 0.75 µg/litre, with a maximum of 69 µg/litre (2). In several studies in Canada, PCE was detectable in 6–60% of the tested samples. Reported mean values ranged from 0.1 to 0.9 µg/litre (6). In several other countries, including Germany and the United Kingdom, similar results have been observed (8,16). In some villages in Finland, concentrations of up to 180 µg/litre were found (17). In Japan, PCE levels in 99.7% of drinking-water (n = 5600) were less than 1 µg/litre with a maximum of 7 µg/litre in 2007 (18).

Food

Data on concentrations of PCE in food are scarce. In some studies from Germany and Switzerland reported in the early 1980s, relatively high total intakes of 87–170 µg/day

were found (16). The results of market basket surveys in the United States, reported in 1987 and 1988, indicated lower levels. From the results of these surveys, total daily intake via food has been estimated at 0.12–65 μg/kg body weight (6). Several groups of researchers have reported elevated concentrations of PCE in fatty food products in residences and markets, owing to contamination from dry cleaning establishments nearby. In a supermarket near a dry cleaning shop in Germany, concentrations were 36 μg/kg and 110 μg/kg in cheese and margarine, respectively (8). In one instance in the United States, a very high PCE concentration was found in margarine (up to 50 mg/kg) in a shop next door to a dry cleaning establishment (2). Moreover, food grown on contaminated soil can contain PCE. In Japan, the daily maximum levels of PCE in the diet between 1990 and 1999 (n = 72~81 in each year) were 4.4 μg/kg wet weight (14).

Indoor air concentrations and relationship with outdoor levels

Residential concentrations

In several United States cities (New York, Los Angeles, Chicago, Minneapolis, St Paul, Baltimore, Elizabeth and Houston), median indoor residential concentrations ranged from 0.4 μg/m^3 in spring (Minneapolis) to 3.5 μg/m^3 during winter (New York City) (19–26). The 90th percentiles ranged from 1 μg/m^3 in Minneapolis in the spring to 14 μg/m^3 in New York City during the summer (23).

Geometric mean concentrations of PCE in the homes of dry cleaning workers have been found to be 265 μg/m^3, while non-exposed homes had a mean concentration of 2 μg/m^3(15). Also, shops, offices or homes that share a building with a dry cleaning establishment have been found to have higher levels of PCE than those that are not near dry cleaners. A study of apartments in neighbourhoods with different income levels and ethnic compositions in New York City between 2001 and 2003 found overall geometric mean levels of 34 μg/m^3, although in low-income neighbourhoods, the geometric mean was 256 μg/m^3. Apartments with no dry cleaners in the building had a geometric mean concentration of 3 μg/m^3. Before 1997, when New York adopted stricter regulations for dry cleaners, PCE was found to be about 340–360 μg/m^3 in residential buildings with a dry cleaning establishment (27).

In a national survey of dwellings in France, a median concentration of 1.4 μg/m^3 was found, with a 90th percentile of 5.2 μg/m^3(28). In the European multinational urban air study EXPOLIS (29), median levels of PCE inside homes in Helsinki were not detectable, while they were 0.6 μg/m^3 in Basel. The 90th percentile in Basel was 2.9 μg/m^3. In Oxford, United Kingdom, the median indoor residential PCE concentration was 1.9 μg/m^3, and 6.3 μg/m^3 at the 90th percentile. Homes in Athens had a median indoor level of 4 μg/m^3 and a 90th percentile level of 14.3 μg/m^3. Milan and Prague were found to have median concentrations of 7.4 and 8.7 μg/m^3, respectively, with 90th percentiles of

28.1 μg/m^3 and 26.1 μg/m^3, respectively. Median outdoor residential PCE levels were under the detection limit in Helsinki, 0.7 μg/m^3 in Basel and 1.7 μg/m^3 in Oxford. The 90th percentiles in Basel and Oxford were 1.4 μg/m^3 and 3.4 μg/m^3, respectively. In Athens, Milan and Prague, the median outdoor residential levels were 2.3 μg/m^3, 4.1 μg/m^3 and 5.3 μg/m^3, respectively. Median personal exposure levels were lower than the indoor levels.

In 25 homes surveyed in Shimizu, Japan, geometric mean indoor PCE concentrations were 0.16 μg/m^3 in summer and winter, with geometric standard deviations of 2.34 μg/m^3 in summer and 2.77 μg/m^3 in winter (30). The geometric mean concentration outside these homes was 0.11 μg/m^3 in both summer and winter, with geometric standard deviations of approximately 2 μg/m^3 in both seasons. In a national survey of dwellings in Japan, median indoor PCE concentrations in residential houses in 1997 (n = 180) and 1998 (n = 205) were 0.4 μg/m^3 (mean 1.8 μg/m^3; maximum 83.5 μg/m^3) and 0.3 μg/m^3 (mean 1.9 μg/m^3; maximum 43.4 μg/m^3), respectively (31).

Non-residential microenvironments

Predicted PCE concentrations in the air around metal degreasing machines were found to range from about 10 000 μg/m^3 to above 1 million μg/m^3, depending on the type of machine. In Germany, mean personal air samples in occupational environments with degreasers ranged from 18 000 to 40 000 μg/m^3(10).

Exposure to PCE from dry cleaning affects both workers and members of the general public. A study in Finland of personal exposure of workers in commercial and industrial dry cleaning operations using dry-to-dry machines found that machine operators had the highest exposure levels (28 000 and 32 000 μg/m^3 at commercial and industrial sites, respectively). Customer service workers had the lowest exposures, with an average of about 800 μg/m^3(32). Another study of dry cleaning establishments in Chicago found indoor levels of PCE ranging from 12 000 to 355 000 μg/m^3(33).

A survey of stores in a one-level commercial building in New Jersey found a median concentration of 690 μg/m^3 and a 90th percentile of 4200 μg/m^3 in a dry cleaning establishment in the building, and a median of 570 μg/m^3 and 90th percentile of 5800 μg/m^3 (8 hour average) in a neighbouring clothes rental shop, which may have also contained dry-cleaned clothes (34). The neighbouring shop on the other side had lower levels, but the median was still nearly 90 μg/m^3, a level much higher than the average indoor environment. Dry cleaned clothes have been shown to emit PCE (2,32).

A survey of 70 office buildings across the United States (in which there were no complaints) found a median indoor PCE level of 1.5 μg/m^3 and a 95th percentile of 18 μg/m^3(35). A study of mechanically ventilated non-office and office buildings in Hong Kong SAR, China found arithmetic mean levels of 1.4 μg/m^3 (SD = 3.4) and 1.9 μg/m^3

(SD = 9.2), respectively (36). Median indoor concentrations at workplaces of the EXPOLIS participants were under the detection limit in Helsinki, 1.2 μg/m^3 in Basel, 3.5 μg/m^3 in Athens, 5.4 μg/m^3 in Milan and 3.7 μg/m^3 in Prague. The 90th percentile of workplace levels were 3.1 μg/m^3 in Basel, 10.6 μg/m^3 in Athens, 17.5 μg/m^3 in Milan and 10 μg/m^3 in Prague. The workplaces were typically offices. A survey of stores in Boston, MA found that geometric mean levels of PCE in stores and restaurants were near or under 3 μg/m^3(37).

Ambient air

Residential outdoor median concentrations ranged from 0.3 μg/m^3 in Minneapolis (spring) to 1.7 μg/m^3 in Los Angeles (winter). The median outdoor concentrations of PCE in Shimizu (Japan) were 0.2 μg/m^3 (mean 0.5 μg/m^3; maximum 4.7 μg/m^3) and 0.2 μg/m^3 (mean 0.7 μg/m^3; maximum 10.8 μg/m^3), respectively (30). Outdoor levels in rural Canada were found to have a mean of 0.04 μg/m^3 and a maximum of 7 μg/m^3(38).

Indoor : outdoor ratios in New York and Los Angeles from a study in a low-income group of teenagers were between 1 and 2 at the median and did not have large standard deviations relative to the median (except for New York homes in the winter) (23). The earlier Total Exposure Assessment Methodology (TEAM) study found higher indoor : outdoor ratios in the cities of Bayonne and Elizabeth, NJ, with arithmetic means ranging from 2 in summer to 7 in winter and 5 in the winter in Los Angeles (39,40). The medians were not reported but are likely to have been lower than the arithmetic means.

Personal exposure

Median personal exposures of the teenagers were 2.2 μg/m^3 in Los Angeles and 3.7 μg/m^3 in New York, although the mean in New York was 8.8 μg/m^3, indicating a more skewed distribution with some higher values (19–26). The New York indoor home distribution was also fairly skewed. The RIOPA study in Los Angeles, Elizabeth and Houston found that adult personal air concentrations had lower medians than means, with a particularly large difference in Elizabeth, where the median was 0.56 μg/m^3 and the mean was 17.3 μg/m^3(26). Indoor and outdoor residential mean concentrations in Elizabeth, however, were near 1 μg/m^3 and were detectable in only 24% of outdoor samples and 39% of indoor samples, while in personal samples PCE was detected in 44% of the samples (26).

Personal exposures to PCE are most influenced by indoor concentrations. PCE can reach extremely high levels indoors, even in non-occupational environments such as homes or businesses that are in the same building as or close to dry cleaners. The TEAM studies found that higher personal PCE exposures were associated with visits to dry cleaners (39,40). Unlike other industries that use PCE, such as metal degreasing, dry cleaners are often located in residential, non-industrial commercial and business districts and may

affect both the occupants of neighbouring establishments and food. Indoor environments next to dry cleaners have been found to have PCE concentrations of several hundreds of $\mu g/m^3$. Indoor environments without sources of PCE have concentrations well below 10 $\mu g/m^3$, with median concentrations near 1 $\mu g/m^3$ in many areas. Dry-cleaned items can be an occasional source of PCE in some homes.

Toxicokinetics

Absorption

PCE is readily absorbed in the gastrointestinal tract and the lungs. Pulmonary uptake is proportional to ventilation rate, duration of exposure and, at lower atmospheric concentrations, the concentration in the inspired air (2). In both humans and animals, initial uptake following inhalation is rapid, with rates levelling off after a few hours of exposure. The available data suggest that a high proportion is absorbed in humans, but actual percentages have not been reported. In rats, the proportion absorbed was approximately 55–70% after 1 minute, gradually declining to 40–50% after 2 hours (41).

Dermal absorption from the gaseous phase is negligible. However, dermal absorption of significant amounts of PCE is probably possible in some situations. Dermal absorption of PCE solutions resulted in measurable levels of the compound in the breath, reaching a maximum 10 minutes after exposure (16). Experiments in hairless guinea-pigs have shown substantial dermal absorption from dilute aqueous solutions (21). In vitro dermal absorption of PCE in aqueous solution through freshly prepared and previously frozen human skin was measured and compared to absorption of other volatile organic compounds in aqueous solution (42). The dermal absorption of PCE from a soil matrix was compared in rats and humans using real-time mass spectrometric exhaled breath technology and physiologically based pharmacokinetic (PBPK) modelling (43).

Distribution

Repeated inhalation exposure to PCE results in accumulation of the compound in the body, especially in fatty tissue since it is lipid-soluble. PCE crosses the placenta and can be found in breast milk; the fetus and nursing neonates may therefore be at increased risk of adverse effects from maternal exposure (2,44,45). In rats, distribution to the brain, liver and kidneys has also been demonstrated (2,46). In a study in mice, transplacental transport of unchanged PCE has been observed (2). In rats and goats, it has been shown that excretion of unchanged PCE in milk occurs after intraruminal administration (23,24). Following inhalation exposure of lactating rats to a concentration of 4070 mg/m^3 (600 ppm) for 2 hours, total body burden for the pups was up to about 14 mg/kg body weight (23). Since women have a higher proportion of body fat than men, it is assumed that women retain PCE longer (47).

Biotransformation

In experiments in humans and rats, it was observed that most of the absorbed amount of PCE is exhaled unchanged. The two principal pathways of PCE metabolism that occur in the liver and kidney of experimental animals are cytochrome P450-dependent oxidation and glutathione conjugation. The hepatotoxic, nephrotoxic and carcinogenic effects of PCE depend on its metabolism to reactive metabolites, which may covalently bind to cellular macromolecules.

Cytochrome P450 enzymes primarily catalyse PCE oxidation. Presumably, CYP2E1 plays an important role in this process in rodent liver and kidney as well as human liver. This results in the formation of a PCE-epoxide, which further reacts to trichloroacetyl chloride. Trichloroacetyl chloride can react with amino groups in macromolecules, resulting in hepatotoxicity. When it reacts with water it forms trichloroacetic acid.

Trichloroacetic acid is the principal metabolite recovered from urine in both humans and rodents following inhalation exposure to PCE. Another metabolite that can be formed by the cytochrome P450 pathway is dichloroacetate. Di- and trichloroacetate are associated with hepatic toxicity and carcinogenicity. Other metabolites of PCE by the P450 pathway that have been identified are shown schematically in Fig. 9.1(48,49).

Fig. 9.1

Metabolism of PCE by the P450 pathway. *Note*. Identified urinary metabolites: 1 = PCE; 2 = PCE epoxide; 3 = trichloroacetyl chloride; 4 = trichloroacetate; 5 = trichloroethanol; 6 = trichloroethanol glucuronide; 7 = oxalate dichloride; 8 = trichloroacetyl (more...)

There is a broad range of halogenated hydrocarbons and other small organic molecules that are oxidized by CYP2E1. Several drugs as well as physiological or pathological conditions may lead to the induction of CYP2E1. This implies that under certain conditions, prior or concurrent exposure to chemicals such as ethanol or acetaminophen may influence the response to PCE. Also, individual susceptibility due to genetic polymorphisms in CYP450-dependent metabolism can result in altered toxicity.

PCE is conjugated by glutathione to S-(1,2,2-trichlorovinyl)glutathione (TCVG). No significant effects were found of PCE or TCVG on cytotoxicity or mitochondrial function in isolated hepatocytes from rats or in isolated liver mitochondria from rats or mice. Therefore, it is unlikely that the liver is a major acute target for PCE or TCVG. Glutathione conjugation of PCE, followed by activation of trichlorovinylcysteine (TCVC), is

responsible for nephrotoxicity and possibly nephrocarcinogenicity (49,50). Fig. 9.2 shows the metabolites of PCE by the glutathione conjugation pathway, so far as they have been identified to date.

Fig. 9.2

Metabolism of PCE by the glutathione conjugation pathway. *Note*. Identified urinary metabolites: 1 = PCE; 2 = TCVG; 3 = TCVC; 4 = NAcTCVC; 5 = NAcTCVC sulfoxide; 6 = 1,2,2-trichlorovinylthiol; 7 = TCVCSO; 8 = 2,2-dichlorothioketene; 9 = dichloroacetate. (more...)

Species-dependent differences in biotransformation

Mice metabolize PCE to trichloroacetic acid to a greater extent than rats. In rats, saturation of the oxidative metabolism at exposure concentrations exceeding 678 mg/m^3 (100 ppm) prevents the occurrence of the high trichloroacetic acid concentrations that are observed in mice at these dose levels. The available evidence indicates that in humans too, saturation of the oxidative metabolism of PCE occurs at ≥ 678 mg/m^3 (≥ 100 ppm) (51). In a comparative study, the urinary levels of *N*-acetyl-*S*-(1,2,2-trichlorovinyl)-*L*-cysteine, one of the final metabolites in the glutathione biotransformation pathway, were shown to be higher in rats than in mice after inhalation exposure to PCE. In vitro tests in hepatocytes and kidney fractions of rats, mice and humans suggest that the potential for this biotransformation in the kidneys is also lower in humans than in rats (2,6,52). Experimental data show that rates of TCVG formation in rats and mice are higher in males than in females, the formation rates in mice being higher than in rats (48,53).

The overall kinetics of PCE oxidative metabolism differs significantly between humans and rodents. The excretion of trichloroacetic acid after inhalation of PCE has been shown to be slower in humans than in rats. The elimination half-time of trichloroacetic acid in the urine was approximately 4.1-fold longer in humans than in rats exposed to 10 or 40 ppm PCE. Maximal trichloroacetic acid concentrations in blood were 3- to 10-fold lower (depending on dose) in humans than in rats (48,54). It is assumed that saturation of PCE metabolism occurs at lower doses in humans (55,56).

While the target organs for toxicity in general are similar for different species, this is not the case for carcinogenicity.

Sex-dependent differences in biotransformation

Regarding renal toxicity, sex differences have been found in experiments on rats and mice. PCE is demonstrated to cause a significant release of lactate dehydrogenase in isolated kidney cells from male but not from female rats. TCVG causes much more lactate dehydrogenase to be released from male than from female rat kidney cells. Examination of effects on mitochondrial respiration in suspensions of isolated mitochondria showed that PCE and TCVG are more toxic in renal mitochondria from male rats than in those from female rats. Respiratory function in (renal) mitochondria from mice was significantly inhibited by PCE and TCVG, but showed little sex dependence (49). Experimental data showed that TCVG formation in kidney and liver subcellular fractions from male rats and mice were invariably higher than corresponding values in female rats and mice (53).

Elimination

In humans and animals, the major part of the absorbed amount of PCE is exhaled unchanged. In humans, 80–100% of the uptake was exhaled as parent compound in the 7 days following a single 4-hour inhalation exposure to 488 or 976 mg/m^3 (72 or 144 ppm) PCE. In rats, the proportion is somewhat lower (68%). Elimination of PCE from adipose tissue is relatively slow (calculated half-life 55 hours) owing to the high adipose/blood partition coefficient and the low rate of blood perfusion to this tissue (2). Excretion of metabolites in urine represents only a small proportion of the inhaled dose. Following single inhalation exposure in humans, only 2% of the uptake was found as the major urinary metabolite, tetrachloroacetic acid. This compound was excreted from the blood with a half-life of 75–80 hours. In another study, its half-life in urine was estimated at 6 days (16).

In a study in which humans were exposed by inhalation to 6.8 mg/m^3 (1 ppm) PCE in the air for 6 hours, the average recovery by exhalation was calculated to be 82%. This implies that about 18% was metabolized. PCE was readily detected in alveolar air and venous blood; trichloroacetic acid was found in venous blood and urine. Recovery was primarily through exhaled air; only a small amount (less than 1% of intake) of trichloroacetic acid was excreted via the urine. Between about 63% and 93% of the intake was exhaled as parent compound 6 days after the exposure; 0–10% was estimated to be exhaled as PCE after the 6-day period (57). An inhalation study in humans and rats exposed for 6 hours at different concentrations of PCE showed excretion of trichloroacetic acid and the acetylated metabolite N-acetyl-TCVC in the urine of both species. Excretion of the N-acetyl-TCVC was significantly higher in male than in female rats (54).

In rat studies, high concentrations in the milk have been observed, peak concentrations being an order of magnitude higher than in maternal blood (58). Experimental data in lactating goats showed that, following intraruminal administration of an equal volume mixture of PCE, TCE and methyl chloroform, the milk secreted during the 24 hours

following the administration contained 6.43 mg PCE (in addition to TCE and methyl chloroform). PCE demonstrated the greatest tissue partitioning compared to TCE and methyl chloroform, being persistently in the blood and secreted into the milk (59). Limited data in humans also show that PCE is excreted in the milk (60).

Biomarkers of exposure

Biological monitoring of exposure to PCE can be carried out by measuring levels of the parent com pound in blood, urine or exhaled air or of the metabolites in blood or urine. These methods have been applied for assessing both occupational and non-occupational exposure.

There has been discussion in the literature as to whether measurement of the parent compound in blood or in exhaled air is the preferred biological index to monitor PCE exposure (47,61–63). A study in humans showed that correlation coefficients (r) between environmental PCE and PCE-B (PCE measured in blood), PCE-Alv (PCE measured in alveolar air) and PCE-U (PCE measured in urine) were 0.94, 0.81 and 0.67, respectively. A high correlation was also found among biological indices: the r value was 0.96 between PCE-B and PCE-Alv, 0.95 between PCE-B and PCE-U, and 0.87 between PCE-Alv and PCE-U (61). The examined biological indices proved sensitive enough for biological monitoring of low exposure to PCE and can give substantially similar information in terms of exposure evaluation. PCE measurement in alveolar air offers some practical advantages over the other exposure indices.

Measuring of metabolites (trichloroacetic acid, trichlorethanol) in blood or urine may not necessarily represent exposure to PCE because some related chlorinated hydrocarbons (TCE, 1,1,1-trichloroethane) are converted to the same metabolites (2).

Physiologically based pharmacokinetic modelling

Several groups of researchers have developed PBPK models for PCE and several of the models have been evaluated. Table 9.1 provides an overview of these efforts (41,46,58,60,64–79).

Table 9.1 Physiologically based pharmacokinetic (PBPK) models for PCE metabolism

Species	Input parameters and calibration	Model application
Mice, humans	Data from single-dose inhalation	Human cancer risks estim of the predicted amounts i in mice and humans, and incidences in mice
Humans	Partition coefficients determined in vitro; metabolic parameters from occupational studies	Simulation of the time-cou concentration in blood for inhalation exposure
Mice, rats	Partition coefficients determined in vitro; metabolic parameters from oral and/or inhalation exposure studies in rats and mice	Simulation of the amount o metabolites in mice or pro PCE following a single inh in rats
Humans	Animal data and metabolic parameters derived from data on urinary levels of trichloro compounds in urine of workers exposed to PCE	Simulation of the time-cou unchanged PCE
Rats, humans	Partition coefficients determined in vitro; metabolic parameters calculated and optimized from inhalation studies in rats and humans	Simulation of the proportio and body burden in rats a

Table 9.1

Physiologically based pharmacokinetic (PBPK) models for PCE metabolism.

Most PBPK models for PCE share the four-compartment structure (liver, fat, rapidly perfused tissues and slowly perfused tissues) and steady-state description of lung equilibration developed by Ramsey & Andersen (80) for styrene. Only one of the published models (71) provides a description of the kinetics of trichloroacetic acid, the major metabolite of PCE.

Some studies have focused on the evaluation of these models. In one, the key parameters and predictions for PBPK models for mice, rats and humans developed by different groups of researchers were compared. The amounts of metabolized PCE predicted showed considerable differences (about 12- to 14-fold for humans). Most of the differences in risk-related model predictions were due to the choice of the data sets used for calibrating metabolic parameters (V_{max}, K_m) (77,81). A statistical approach to some of the PBPK models for PCE in mice, rats and humans showed that the kinetic parameters defining the metabolic rate were the most important parameters for model sensitivity (82).

Health effects

Identification of studies

Epidemiological studies on health effects of PCE exposure were identified from electronic searches and hand searches of references in former reviews by WHO. Electronic searches were made in PubMed in July 2008, with an update in June 2009. We intended to identify all studies with original data on health effects of PCE and the main descriptors used were “tetrachloroethylene” and “perchloroethylene”. In addition, studies that examined the health effects of PCE were identified through hand searches of earlier reviews of the topic, citations within papers identified on health effects of PCE and searches on the web sites of international or national health assessment agencies, including WHO, the European Commission, Health Canada, IARC, ATSDR, USEPA, the United Kingdom Committee on Carcinogenicity of Chemicals in Food, Consumer Products and the Environment and the US National Institute for Occupational Safety and Health. Papers known to the expert group in 2009 concerning health effects of PCE were also used.

Of 148 papers identified, 59 were relevant to the health effects section of this chapter. These papers were included in the discussion presented below, addressing human exposure and epidemiological issues (37), children (0), animal studies (10), cell studies (4), reviews (4) and other studies (4). In addition, 11 reports of the above-mentioned agencies were used in the “Health effects” section.

Effects on experimental animals and in vitro test systems

Toxicological effects

PCE has a low acute inhalation toxicity (LC_{50} in rodents ≥ 16.6 mg/litre). Acute oral toxicity is also low (LD_{50} in rodents ≥ 3000 mg/kg body weight) (6).

The liver, kidneys, blood and CNS are the target organs for systemic effects. Hepatic effects occur at lower dose levels in mice than in rats. In a series of experi ments in mice, continuous (24 hours/day) inhalation exposure for 30 days at concentrations of 61, 251, 508 or 1017 mg/m^3 produced a dose-related increase in liver weight at all dose levels. Morphological changes in the liver were observed at 251 mg/m^3 and, as stated but not fully reported, at all other dose levels as well. Plasma butyrylcholinesterase activity showed a slight increase at ≥ 251 mg/m^3. The reversibility of the effects was exami ned at 1071 mg/m^3 only, showing that at 120 days after cessation of treatment, only a slight increase in liver weight remained (83).

Within the United States National Toxicology Program (NTP) subchronic inhalation studies were carried out in rats and mice. In mice, liver effects were observed at 1350 mg/m^3 (≥ 200 ppm) or higher. Karyomegaly of the renal tubule epithelial cells was observed at ≥ 1350 mg/m^3 (≥ 200 ppm). At 680 mg/m^3 (100 ppm), no effects were seen but at this level no histopathological examination of the liver was carried out. In rats, mild congestion of the liver was seen at ≥ 1350 mg/m^3 (≥ 200 ppm) (lower concentrations not tested), with congestion of the lungs, decreased survival and growth retardation at higher dose levels (84). In chronic studies, renal tubular cell karyomegaly was observed in female rats and mice at both 1356 and 2712 mg/m^3 (200 and 400 ppm) in rats and 678 and 1356 mg/m^3 (100 and 200 ppm) in mice.

In addition, in rats, renal tubular hyperplasia (males), thrombosis and squamous metaplasia in the nasal cavity (males and females) and hyperlasia in the adrenal medullae (males) or cortices (females) were found. In mice only, liver cell degeneration and necrosis were seen at both concentrations (84). A study exposing mice to 2040 mg/m^3 (300 ppm) perchloroethylene gas for 6 hours daily for 5 days revealed regeneration of olfactory mucosa. Two weeks and three months after exposure, the nasal mucosa was examined histopathologically. After two weeks, ciliated epithelium started to replace the olfactory epithelium. Damage was more persistent in the nasal mucosa of the olfactory region than in the respiratory region (85).

CNS effects have been observed at high dose levels. In the short-term NTP experiment in rats and mice, neurological symptoms were observed only at the highest concentration of 11 860 mg/m^3 (1750 ppm) (84). Biochemical changes in brain tissues have been observed in rats and gerbils at concentrations of ≥ 407 mg/m^3 (≥ 60 ppm). However, the toxicological significance of these changes is unclear (2). In a recent short-term study in

rats, decreased weight of brain regions and reductions in neuronal marker proteins were seen at 4080 mg/m^3 (600 ppm) but not at 2040 mg/m^3 (300 ppm) (86). Haematotoxicity was observed in an inhalation study in mice at test concentrations of 915 and 1830 mg/m^3 (no other concentrations tested) in which the animals were exposed for 6 hours/day, 5 days/week for 7.5 or 11.5 weeks (87). Rats that were acutely exposed to a high dose (500 mg/kg oral) of PCE and others subchronically to lower doses (5 and 50 mg/kg oral), showed significant effects on nociception and locomotor activity (88). An inhalation study assessed the effects of PCE on sustained attention in rats performing a visual signal detection task. It showed that inhaled PCE acutely impaired sustained attention in rats, and its potency weakened on repetition of the exposure. Accuracy was significantly reduced at 3390 mg/m^3 (500 ppm), significantly elevated response time was seen at 6780 mg/m^3 (1000 ppm) and significantly reduced trial completions were found at 10 170 mg/m^3 (1500 ppm) (89).

Limited teratogenicity studies in rats, mice and rabbits suggest that PCE produces fetotoxicity and embryotoxicity at high dose levels (≥ 2034 mg/m^3). In a behavioural teratogenicity study in rats, neuromuscular ability in pups was decreased at 6100 mg/m^3 (900 ppm) but not at 2034 mg/m^3 (300 ppm) (2). In a study on developmental toxicity, embryos from rats were explanted on gestational day 120 and cultured for 46 hours in the presence of PCE. Exposure to PCE ranging from 3.5 to 15 mM caused concentration-related effects on growth and development. The presence of hepatic microsomal fractions in the culture medium partially prevented the effects of PCE on the measured parameters of embryo growth and development (90). A study showed altered behaviour in adult mice orally exposed to PCE as neonates (5 and 320 mg/kg PCE/day between days 10 and 16 postnatally), indicating neonatal susceptibility of brain maturation in achieving long-lasting changes in adult behaviour (91). A developmental study in rats following inhalation exposure to PCE showed maternal responses that were of limited toxicological significance. Developmental effects at 600 ppm consisted of reduced gravid uterus, placental and fetal weights and decreased ossification of thoracic vertebral centra. Developmental effects at 1695 mg/m^3 (250 ppm) were of minimal toxicological significance, being limited to minor decreases in fetal and placental weights. There were no developmental effects at 441 mg/m^3 (65 ppm) (92).

PCE at 68–2043 mg/m^3 (10–300 ppm) was found to increase, in a concentration-dependent manner, ACh- and high K+-induced muscle contraction in tracheal tissue from swine. Swine tissue was used because there are many similarities between swine and human airways. More research is necessary to be able to conclude that these responses play a role in airway impairment and hyperresponsiveness after PCE exposure (93). A study using renal cell suspensions of rats and mice showed that PCE caused acute renal cellular toxicity in rats and mitochondrial toxicity in rats and mice (49).

Carcinogenic effects

Data on the carcinogenicity of PCE have been evaluated in various health assessment documents (2,6,51). PCE-induced nephrotoxicity and nephrocarcinogenicity have been associated with metabolism by the glutathione conjugation pathway to form TCVG (48,53).

Oral and inhalation studies with NTP have been performed in mice and rats. In a gavage study in B6C3F1 mice (time-weighted average (TWA) daily dose levels of 536 and 1072 mg/kg body weight in males and 386 and 772 mg/kg in females), increased incidences of hepatocellular carcinomas were found in males and females (4/37, 32/49 and 27/48 in males and 2/40, 19/48 and 19/48 in females). In Osborne Mendel rats, no increase in tumour incidence was seen. This study has various limitations: numerous dose adjustments during the study, early mortality related to compound-induced toxic nephropathy, and pneumonia due to intercurrent infectious disease in both rats and mice (2,94). In the inhalation study in B6C3F1 mice (test concentrations 100 and 200 ppm, 6 hours/day, 5 days/week for 103 weeks, corresponding to 680 and 1360 mg/m^3), incidences of hepatocellular carcinomas were increased (7/49, 25/49 and 26/50 males and 1/48, 13/50 and 36/50 females). In F344/N rats (test concentrations 200 and 400 ppm, 6 hours/day, 5 days/week for 103 weeks, corresponding to 1360 and 2720 mg/m^3), PCE caused dose-related increases in the incidence of stage 3 mononuclear cell leukaemia in animals of both sexes: in males, 20/50 in controls, 24/50 at the low dose and 27/50 at the high dose; in females, 10/50, 18/50 and 21/50, respectively. The historical control for mononuclear cell leukaemia in rats in the same laboratory was 47% in males and 29% in females. Uncommonly occurring renal tubular cell adenomas or adenocarcinomas were found in male rats (adenomas,1/49 in controls, 3/49 at the low dose and 2/50 at the high dose; adenocarcinomas, 0/49, 0/49 and 2/50, respectively).

Although induction of peroxisome proliferation as a mechanism underlying the hepatocarcinogenic effect of PCE in mice appears attractive, a poor quantitative correlation was seen between peroxisome proliferation and tumour formation in the liver following administration by inhalation.

The induction of kidney tumours observed in male rats provides only weak evidence for (human) carcinogenicity. The observed increase in incidence is not statistically significant. In addition, two different mechanisms of action have been proposed for the induction of these tumours: alpha 2µ-globulin nephropathy, an effect specific for male rats, and formation of genotoxic metabolites in the kidneys as the final step of the glutathione biotransformation pathway. Given the low incidences observed, combined with the data on the mechanism of induction, it can be concluded that the result in male rats is equivocal evidence only for a risk of renal cancer in humans.

A review of six carcinogenicity studies of PCE in rats concluded that evidence of increases in mononuclear cell leukaemia has been seen in two studies in the F344 rat but not in other strains, and that as a rat-strain-specific effect it is not considered to be relevant to

the evaluation of human cancer risk (95).

IARC (96) has concluded that the results of the available animal bioassays provide sufficient evidence for carcinogenicity in animals.

Mutagenicity

Comprehensive reviews are available of the data obtained from the many studies carried out with PCE (2,51,96). In vitro studies include tests for gene mutations in prokaryotes and eukaryotes and tests for chromosome aberrations in mammalian cell lines. In vivo studies include tests for chromosome aberrations in bone marrow in rats and mice and a dominant-lethal assay in rats. In addition, several studies have been carried out on DNA damage in vitro and in vivo. The body of results shows absence of mutagenicity of PCE in virtually all of the systems tested. The few weakly positive results may be due to the presence of mutagenic stabilizers in the test samples (2,51). Binding of PCE in vivo to unpurified DNA from several organs was noted in one study, although no covalent binding to purified hepatic DNA could be demonstrated in another. In the other available in vivo studies, it is not known whether the test compound (or its metabolites) reached the target tissues. This observation reduces the value of the negative results observed. Nevertheless, an in vivo study, in which male mice were administered PCE intraperitoneally, assessed the induction of micronuclei in hepatocytes and reticulocytes and showed that PCE might have a clastogenic effect in hepatocytes (97). For the metabolites of PCE that are formed by conjugation with glutathione (a minor biotransformation route demonstrated in rodents), positive results were obtained in in vitro studies in *S. typhimurium* TA 100 (reverse mutation), with metabolic activation with kidney microsomes, in the presence of glutathione and glutathione transferase (96).

Interactions with other chemicals

Results of studies on the influence of ethanol on the metabolism and toxicity of PCE in liver did not show synergism (2,98). Increased urinary excretion of metabolites of PCE and enhanced hepatotoxicity have been observed in rats following pretreatment with polychlorinated biphenyls (2). Simulation of interaction thresholds for human exposure to mixtures of TCE, PCE and 1,1,1-trichloroethane was done with PBPK models. Model simulations indicated that during combined exposures, certain toxicological effects may be expected to occur at lower exposure levels compared with PCE exposure alone (73,99).

Effects on humans

Exposure to PCE can affect the CNS, eyes, kidney, liver, lungs, mucous membranes and skin. CNS effects have been most frequently noted (44).

The odour threshold in air for detection of PCE is 8 mg/m^3. The odour threshold in air for recognition of PCE is 3–4 times higher (16).

Acute poisoning incidents

Acute exposure to PCE at air levels of 100–200 ppm can cause irritation of the skin, eyes and upper respiratory tract. Non-cardiogenic pulmonary oedema, nausea, vomiting and diarrhoea can occur. CNS effects have also been observed with acute inhalation exposure to PCE at 50–300 ppm. At these levels, neuromotor effects may be seen and results of certain coordination and behavioural tests may be abnormal. At higher air concentrations, loss of consciousness can occur (44).

Several acute PCE intoxications have been reported. In one case, up to 16 mg was ingested by a 6-year-old boy weighing 22 kg. He was admitted to hospital one hour after ingestion, where his condition deteriorated from somnolence to coma. The initial blood level was 21.5 µg/ml. He recovered completely without liver, renal or CNS injury and was discharged on day 9 (100). In another report, a 32-year-old man became semi-comatose and experienced oliguric acute renal failure after accidental ingestion of 75 g PCE. A renal biopsy performed on the 19th day after ingestion showed severe acute tubular necrosis. He regained normal renal function after five haemodialyses and conservative treatment. The amount of PCE in the blood and urine were not measured (101).

Three fatalities due to inhalation of PCE have been reported in the literature. A concentration of 4.5 mg/l was measured in the blood of a man aged 53 years weighing 70 kg, who died while he was cleaning and recycling PCE by distillation (102). A two-year-old boy died due to PCE that had been retained in the curtains of his bedroom. A concentration of 66 mg/l blood was measured (103,104). Finally, a 33-year-old man clearing a line in a dry cleaning establishment died with a blood concentration of 44 mg/l (105). A fatality due to poisoning by both PCE and TCE has been described, a 45-year-old woman being discovered unconscious and in cardiac arrest in a laundry area. Examination revealed that she was deeply comatose and had acute respiratory distress syndrome and severe metabolic acidosis. Cardiovascular instability and acute renal failure occurred and eventually the patient died; the results of the autopsy are described in the paper. The blood levels of PCE 2, 4, 5, 6 and 7 days after hospital admission were respectively 1319, 758, 787, 436 and 656 µg/l (106).

Effects on the CNS

Depending on the concentration, acute exposure can result in loss of coordination, reversible mood and behavioural changes, or potentially anaesthetic effects. People chronically exposed to PCE may experience ataxia, disorientation, irritability, peripheral neuropathy, short-term memory deficits and sleep disturbance. Reversibility depends on the degree of severity of the exposure and associated effects (44).

PCE has been associated with neurobehavioural dysfunction, including reduced attention in humans. In a series of controlled short-term studies in limited numbers of human volunteers, neurological symptoms (including dizziness, drowsiness and decreased

functioning in motor coordination tests) and visual system dysfunction were observed at ≥ 678 mg/m^3 (≥ 100 ppm) and 339 mg/m^3 (50 ppm), respectively (2,16,107,108). Limited information on neurological effects following long-term exposure was obtained in occupational studies in dry cleaning workers. In a cross-sectional study with two groups of exposed workers (exposure concentrations 83 ± 53 mg/m^3 and 364 ± 114 mg/m^3, duration of exposure 127 or 141 days), small effects on scores in psychological tests were found. However, the response did not correlate with the exposure level in this study (2,6,109).

In another study in female dry cleaning workers with exposures of 6.8–408 mg/m^3 (4-hour averages, median 102 mg/m^3) and PCE concentrations in the blood of 12–864 mg/l (median 145 mg/l), performance test scores in a test battery for neuromotor functions were decreased. Neither duration of exposure nor blood concentration of PCE was significantly correlated with performance (110). In cross-sectional studies in dry cleaning workers, effects on blue–yellow colour vision were found at mean PCE concentrations of 42–102 mg/m^3(111,112). In Italy, PCE-induced impairment of colour vision was studied in 33 dry cleaning workers. Exposure was evaluated with passive samplers and colour vision was assessed. Two years later, the workers were re-examined. The exposure to PCE had increased in subgroup A (median 1.7 ppm vs 4.3 ppm). In subgroup B, exposure was reduced (median 2.9 ppm vs 0.7 ppm). Colour vision worsened in subgroup A but no vision changes were noticed in subgroup B, indicating that an increase in exposure during a 2-year period can cause colour vision to deteriorate (113).

A case report described a 57-year-old woman exposed to supposedly high concentrations of PCE while working at a dry cleaning shop, who suffered from blindness for 9 days in the left eye and 11 days in the right eye with optic neuritis. Blood concentrations of PCE 48 and 80 hours after onset of the optic neuritis were respectively 1.08 mg/g and 0.65 mg/g (114).

In a prospective population-based cohort study on 88 829 children, offspring from dry cleaners (144 children) were followed from birth to age 21–33 years. Preliminary findings suggested an increased incidence of schizophrenia (4 cases) in these children (115). However, it should be mentioned that there was no exposure characterization, there were few cases and few details were provided. These findings need to be corroborated in follow-up studies.

Research from 2002 suggests that chronic, environmental exposure to airborne PCE adversely affects neurobehavioural function in healthy individuals. A significantly lower visual contrast sensitivity was reported in apartment residents exposed to PCE (daytime mean 620 μg/m^3, nighttime mean < 100 μg/m^3) compared to unexposed controls. The

reliability of these data was later discussed in the literature. Methodological limitations preclude a definitive attribution of causation, and further research is necessary to draw reliable conclusions (99,116).

Effects on the liver

Case reports of human exposure to PCE show that it can cause hepatotoxic effects in humans, which include abnormal liver function tests (48), cirrhosis, hepatitis, hepatomegaly and liver cell necrosis (44). A dose–response relationship in humans for the effects on the liver is not completely known. In case studies of high accidental exposures, effects on the liver have been reported. In limited studies in dry cleaning workers exposed to a TWA concentration of 143 mg/m^3 (21 ppm) over a 6-year period, serum enzymes indicative of liver function were not affected (62,112). A study in dry cleaners frequently exposed to PCE concentrations of 16 ppm (8-hour TWA) revealed mild to moderate hepatic parenchymal changes as determined by hepatic ultrasonography (117).

Renal effects

Nephrotoxic effects have been described in humans (48,118,119). Symptoms of renal dysfunction, including proteinuria and haematuria, have been associated with accidental exposure to anaesthetic concentrations of PCE vapour (2). In several cross-sectional studies in dry cleaning workers, the effect of PCE on renal function was examined. Female workers exposed for an average of 14 years to an estimated TWA concentration of 68 mg/m^3 (10 ppm) had increased urinary levels of lysozyme and ß-glucuronidase suggestive of mild renal effects (120). No effects were observed in workers estimated to have been exposed to a TWA concentration of 142 mg/m^3 (21 ppm) for 6 years (62). In a cross-sectional study, about 20 markers of early nephrotoxic effects were measured in workers in dry cleaning facilities (n = 50). Exposure was determined by analysing air samples collected during 4-hour periods randomly selected over the working week. The median exposure concentration was 102 mg/m^3 (range, trace–580 mg/m^3). Compared to the control population, the exposed group had significantly higher frequencies of abnormal values for a number of the markers in urine, including albumin, transferrin, tissue-nonspecific alkaline phosphatase and brush-border antigens. The significance of the findings cannot be easily assessed but may represent an early stage of clinically silent but potentially progressive renal disease (118). At an average airborne exposure of 8.4 mg/m^3 (range 2.2–44.6), a PCE-related effect on the tubular reabsorption of retinol-binding protein in urine was observed in exposed workers from a dry cleaning shop (119).

Since there are sex- and species-dependent differences in bioactivation and detoxification pathways, more knowledge about the metabolism of PCE in several target organs and in different species is needed to improve human risk assessment (50).

Reproductive and developmental effects

A few epidemiological studies have reported reproductive or developmental abnormalities due to exposure to PCE in drinking-water. The 1998 Camp LeJeune study reported a weak association between PCE exposure due to contaminated drinking-water and birth weight outcomes for small-for-gestational age births. Stronger associations were observed between PCE exposure and birth weight for infants of mothers who were 35 years of age or older and for infants of mothers with a history of fetal death (121). Another study found oral cleft defects associated with PCE-contaminated drinking-water. The authors indicate that this study cannot resolve whether the drinking-water contaminants caused the adverse birth outcomes; these findings should therefore be followed up utilizing available drinking-water contamination databases (122).

In a comment on this paper, it is suggested that the oral cleft defects found are biologically plausible (123). According to these authors, a study of mothers with pregnancies affected by neural tube defects in Dublin (124) suggests a mechanism for the induction of neural tube defects related to a metabolic slowdown of the methionine synthase reaction. Recently, two cohort studies examined the effects of prenatal exposure to PCE-contaminated drinking-water on adverse birth outcome and risk of behavioural disorders. It was concluded that prenatal and early postnatal PCE exposure is not associated with disorders of attention, learning and behaviour (125). Further, it was suggested that prenatal PCE exposure does not have an adverse effect on birth weight or gestational duration (126).

The results of several studies have indicated that occupationally exposed women might suffer higher rates of spontaneous abortion (127–129). Exposure was classified by reported work history. A significant effect was found when the work tasks included dry cleaning for at least one hour daily or the women reported handling of PCE at least once a week (128,129). A significantly higher risk was found in operators compared to non-operators (127), but other studies have not found this association (130,131). Furthermore, a case-referent study performed within two cohorts did not give any substantial support to the hypothesis that exposure to PCE at work during pregnancy enhances the risk of adverse pregnancy outcome (132). A retrospective time-to-pregnancy study among Finnish women indicated a reduced ability to reproduce among 20 women exposed to PCE (concentration not clear) for 1–4 days a week or daily by inhalation. It should be noted that the studies have a number of limitations, primarily that exposure concentrations are not available (133).

The Camp Lejeune study of ATSDR (134) was not included in this guideline, since an error was made in the exposure classification; these data will be re-analysed by ATSDR at a later stage.

Mutagenic and carcinogenic effects

IARC concluded in 1995 that there is evidence for consistently positive associations between exposure to PCE and the risks for oesophageal and cervical cancer and non-Hodgkin's lymphoma. These associations appear unlikely to be due to chance, although confounding factors cannot be excluded and the total numbers in the cohort studies combined are relatively small. IARC therefore concluded that there is limited evidence for the carcinogenicity of PCE in humans (96).

PCE is reasonably anticipated to be a human carcinogen on the basis of limited evidence from studies in humans and sufficient evidence of carcinogenicity from studies in experimental animals. PCE has been studied by observing laundry and dry cleaning workers, who may also have been exposed to other solvents, especially TCE but also petroleum solvents. In several cohort and proportionate mortality studies, excesses have been reported of lymphosarcomas, leukaemias and cancers of the skin, colon, lung and urogenital tract. Some excess of lymphomas and of cancers of the larynx and urinary bladder was seen in a large cohort of dry cleaners. A familial cluster of chronic lymphocytic leukaemia has also been related to dry cleaning. Although these studies suggest a possible association between long-term occupational exposure to PCE and increased lymphatic malignancies and urogenital cancers, the evidence must be regarded as inconclusive because workers were exposed to petroleum solvents and other dry cleaning agents as well as PCE (135).

The results of a study in differently exposed dry cleaners and launderers indicated a reduction in oxidative DNA damage in exposed dry cleaners compared to launderers. The mean value for PCE in the blood of these dry cleaners was 0.078 mg/l, and the TWA was < 5 ppm in air for 17 out of 18 dry cleaners. However, PCE could not clearly be identified as the source of the effect (136). In two studies for genetic effects (sister chromatid exchanges and/or chromosome aberrations) in lymphocytes of occupationally exposed workers, no clear-cut effects were found (6). Another study showed modulation of the expression of some genes related to cancer induction in human cord blood cells (137).

A population-based case-control study was undertaken to investigate the association between breast cancer and PCE exposure from public drinking-water (drinking-water consumption as well as bathing habits were taken into account). The same author performed a more extensive case-control study a few years later. Both studies suggest that women with the highest PCE exposure levels have a slightly to moderately increased risk of breast cancer. Analyses of the same data using a newly constructed personally delivered dose model to make a more accurate estimation of the exposure did not significantly change the subjects' exposure classification (138–140). An association between PCE exposure from public drinking-water and lung cancer and possibly colorectal cancer was suggested, based on another population-based case-control study (141).

A paper from 2003 assessed (based on specified methodological and scientific quality criteria) 44 epidemiological papers that provided reasonable data on up to 17 cancer sites.

The authors concluded that no evidence for an association between breast, prostate, skin or brain cancer and exposure to PCE was demonstrated. A relationship between PCE and cancer of the oral cavity, liver, pancreas, cervix and lung was considered unlikely by the authors. Scientific evidence was considered inadequate for laryngeal, kidney, oesophageal and bladder cancers (142).

In 2006, the epidemiological literature since 1990 on occupational chlorinated solvent exposure was reviewed. The paper reviewed 28 studies of PCE, all but 5 of which focused on workers in the dry cleaning industry with few or no other chemical exposures. Within the study populations with multiple exposures, three studies found some increased risk of biliary and liver or brain cancer; in the other studies, no increased risk for renal cell carcinoma or for any cancer was found. Census records for those working as a “dry cleaner or laundry worker” or from a database of those being monitored for PCE exposure were linked to cancer registries (three studies) and statistically significant increased risks for liver and pancreatic cancer, Hodgkin's lymphoma and leukaemia were found. In general, findings in occupational cohort studies have not been consistent, even within the same industries (143).

Health risk evaluation

Critical health outcomes

The main health effects of concern are local irritation (eyes, mucous membranes, respiratory tract and skin), effects on the CNS and cancer. Effects on the liver and kidneys have also been reported.

CNS effects and local irritation

The evidence is sufficient to conclude that PCE can cause irritation of mucous membranes and the respiratory tract. These effects generally occur at high concentrations. Acute exposure to PCE at air levels of 680–1360 mg/m^3 (100–200 ppm) can cause irritation of the skin, eyes and upper respiratory tract in humans. Moreover non-cardiogenic pulmonary oedema, nausea, vomiting and diarrhoea can occur. CNS effects have been observed at high dose levels in rats and mice. In humans, CNS effects have also been observed with acute inhalation exposures of 340–2040 mg/m^3 (50–300 ppm) of PCE. The evidence is sufficient to conclude that there is an association between PCE and CNS effects at sufficiently high concentrations. Since high concentrations typically do not occur in indoor environments for a long period of time, these end-points are not taken into account when setting the guideline value.

Liver and kidney effects

The evidence of an association between PCE exposure and effects on the liver is

suggestive. Hepatic effects have been observed in rats and mice in subchronic studies. Case reports of accidental exposures of humans to PCE confirm that hepatotoxic effects can occur in humans, including abnormal liver function tests, cirrhosis, hepatitis, hepatomegaly and liver cell necrosis.

There is suggestive evidence of an association between PCE exposure and effects on the kidneys. In chronic studies, renal effects were observed at 1360 and 2710 mg/m^3 (200 and 400 ppm) in rats and at 680 and 1360 mg/m^3 (100 and 200 ppm) in mice. Reversible kidney damage in humans (e.g. proteinuria and haematuria) has been associated with accidental exposure to acutely toxic concentrations of PCE vapour. A long-term exposure study showed that renal effects may develop at lower concentrations, with the reported onset of renal damage occurring following exposure to a median concentration of 102 mg/m^3 (range, trace–576 mg/m^3).

Reproductive and developmental effects

A few epidemiological studies have reported developmental abnormalities due to PCE exposure in drinking-water (reduced birth weight and oral cleft defects). Other studies concluded that prenatal PCE exposure does not have an adverse effect on birth weight or gestational duration. Some studies have consistently indicated that occupationally exposed women might suffer higher rates of spontaneous abortion, while others found no association. All the above-mentioned studies have limitations, primarily that the exposure concentrations are not available. Therefore the evidence stays suggestive.

Cancer risk

IARC concluded that the results of the available animal bioassays provide sufficient evidence for carcinogenicity to animals. In these studies, an increased incidence of adenomas and carcinomas was observed in the livers of exposed mice. There is suggestive evidence from mechanistic studies that humans are likely to be less sensitive to the development of these tumours following PCE exposure. A low incidence of kidney tumours among male rats has been reported.

It can be concluded from this small and statistically non-significant increase, together with the data relating to the possible mechanism of induction, that the result in male rats is equivocal evidence only for a risk of renal cancer in humans.

The significance for humans of the increased incidence of mononuclear cell leukaemia, as observed in two studies in F344 rats, is unclear. This is due to the lack of understanding of the mechanism underlying the formation of this cancer type (which has a high background incidence) and the suggestion that it might be a rat-strain-specific effect.

IARC concluded in 1995 that there is evidence for consistently positive associations between exposure to PCE and the risks for oesophageal and cervical cancer and non-Hodgkin's lymphoma.

These associations appear unlikely to be due to chance, although confounding factors cannot be excluded and the total numbers in the cohort studies combined are relatively small.

A paper from 2003 assessed (based on specified methodological and scientific quality criteria) 44 epidemiological papers that provided reasonable data on up to 17 cancer sites. The authors concluded that no evidence for an association between breast, prostate, skin or brain cancer and exposure to PCE was demonstrated.

A relationship between PCE and cancer of the following sites was considered unlikely by the authors: oral cavity, liver, pancreas, cervix and lung. Scientific evidence was considered inadequate for laryngeal, kidney, oesophageal and bladder cancers. Since then, new studies have been published, but the evidence concerning the carcinogenicity of PCE is still not conclusive. The evidence for an association therefore remains suggestive.

From the weight of the evidence from mutagenicity studies, there are no indications that PCE is genotoxic. Although several in vitro studies indicate that conjugation of PCE with reduced glutathione (a minor biotransformation route demonstrated to occur in rodents) produces renal metabolites that are mutagenic in *S. typhimurium* TA 100, the significance of the latter results for humans is doubtful. In two studies investigating genetic effects (sister chromatid exchanges and/or chromosome aberrations) in lymphocytes of occupationally exposed workers, no clear-cut effects were found.

In conclusion, carcinogenicity is not used as an end-point, since there are no indications that PCE is genotoxic and there is some uncertainty about the epidemiological evidence as well as the relevance of the animal carcinogenicity data to humans. However, because of the remaining uncertainty about the carcinogenicity of PCE, it should be kept under review.

Health relevance of current indoor exposures

Inhalation of PCE is the major route of exposure in the general population. Ambient air concentrations of PCE are generally < 5 $\mu g/m^3$ in urban areas and typically < 1 $\mu g/m^3$ in rural areas. Indoor concentrations are generally well below 20 $\mu g/m^3$, with median concentrations ranging from 0.16 to 8.7 $\mu g/m^3$ in the described studies. These concentrations are an order of magnitude below concentrations that can be relevant for health.

Indoor PCE air levels may be up to 5.0 mg/m^3 (4–24-hour average) in buildings with dry cleaning operations where PCE is used. There is sufficient evidence to conclude that

concentrations in premises next to dry cleaning operations can exceed safe concentrations. This should be the focus of concern.

Conclusions of other reviews

IARC concluded that there is evidence for consistently positive associations between exposure to PCE and the risks for oesophageal and cervical cancer and non-Hodgkin's lymphoma. PCE is classified by IARC as a Group 2A carcinogen (probably carcinogenic to humans) (96).

The EU classified the substance as carcinogenic category 3 (substances that cause concern for humans owing to possible carcinogenic effects but in respect of which the available information is not adequate for making a satisfactory assessment) and risk phrase 40 (limited evidence of a carcinogenic effect) (144).

USEPA does not currently have a classification for the carcinogenicity of PCE but has calculated a provisional inhalation unit risk estimate of 5.8×10^{-7} $(\mu g/m^3)^{-1}$. A provisional value is one that has not received Agency-wide review (145).

The United Kingdom Committees on Toxicity, Mutagenicity and Carcinogenicity of Chemicals in Food, Consumer Products and the Environment concluded that there was "no satisfactory epidemiological evidence to associate PCE exposure to cancer in the available cohort studies" (146).

The US National Institute for Occupational Safety and Health considers PCE to be a potential occupational carcinogen (147).

ATSDR has derived both an acute inhalation minimal risk level (MRL) of 1.38 mg/m ^{3} (0.1 ppm) and a chronic inhalation MRL of 0.28 mg/m^3 ^{1} (0.04 ppm) (2).

Guidelines

Carcinogenicity is not selected as the end-point for setting the guideline value for three reasons: the epidemiological evidence is equivocal, the animal tumours detected are not considered relevant to humans, and there are no indications that PCE is genotoxic. The derivation of a guideline value is at present based on two non-neoplastic effects as the critical end-point: impaired neurobehavioural performance and early renal changes.

On the basis of a long-term LOAEL for kidney effects of 102 mg/m ^{3} in dry cleaning workers, a guideline value of 0.25 mg/m^3 has been calculated. In deriving this guideline value, the LOAEL is converted to continuous exposure (dividing by a factor of 4.2 (168/40)) and divided by an uncertainty factor of 100 (10 for use of a LOAEL and 10 for intra-species variation). Recognizing that some uncertainty in the LOAEL exists because the effects observed at this level are not clear-cut and because of fluctuations in exposure

levels, an alternative calculation was made based on the LOAEL in mice of 680 mg/m^3 and using an appropriate uncertainty factor of 1000. This calculation yields a guideline value of 0.68 mg/m^3.

A chronic inhalation MRL of 0.28 mg/m^3 (0.04 ppm) has been derived by ATSDR based on the LOAEL of 15 ppm identified in the Ferroni study (110). The MRL was calculated from this concentration by expanding to continuous exposure (8/24 hours, 5/7 days) and dividing by an uncertainty factor of 100 (10 for use of a LOAEL and 10 for human variability). This reference found significantly prolonged reaction times in workers occupationally exposed to an average of 15 ppm for about 10 years (2,110).

The value and appropriateness of establishing a short-term guideline value is questionable because acute effects occur only at very high concentrations of 50 ppm (340 mg/m^3) and higher, compared to generally observed levels in close proximity to dry cleaning facilities. Establishing a long-term value is more protective of human health.

On the basis of the overall health risk evaluation, the recommended guideline for year-long exposure is 0.25 mg/m^3. This is the same as the previous WHO guideline (148).

> The guidelines section was formulated and agreed by the working group meeting in November 2009.

Summary of main evidence and decision-making in guideline formulation

Critical outcome for guideline definition

Effects in the kidney indicative of early renal disease and impaired neurobehavioural performance. Carcinogenicity is not used as an end-point as there are no indications that PCE is genotoxic and there is uncertainty about the epidemiological evidence and the relevance to humans of the animal carcinogenicity data.

Source of exposure–effect evidence

–

Based on a health surveillance study of dry cleaning workers exposed to PCE, the long-term LOAEL for kidney effects was considered to be 102 mg/m^3. This was adjusted for continuous exposure by dividing by a factor of 168/40. Further, factors of 10 for use of a LOAEL and 10 for intra-species variation were incorporated, leading to a guideline value of 0.25 mg/m^3(62).

–

Based on a study of 30 female dry cleaning workers exposed to PCE for an average of 10 years (110), a LOAEL of 103 mg/m^3 (15 ppm) has been derived and a chronic-duration inhalation MRL of 0.28 mg/m^3 (0.04 ppm) calculated.

Supporting evidence

–

Several epidemiological studies on renal changes and exposure to PCE, including studies in dry cleaning facilities. The significance of these findings cannot be easily assessed, but may represent a relationship between long-term exposure and effects on the kidney in humans (48, 118,119, 120).

–

Associations between PCE exposure and neurobehavioural symptoms were suggested in two studies (108,109).

Results of other reviews

–

ATSDR derived a chronic inhalation MRL of 0.28 mg/m^3 (0.04 ppm) (44).

–

IARC: Group 2A (probably carcinogenic to humans) (96).

Guideline

0.25 mg/m^3 – annual average.

Comments

No change in the guideline as compared to *Air quality guidelines for Europe* (148).

References

1.
Hazardous Substances Data Bank (HSDB) [online database]. Bethesda, MD: National Library of Medicine; 2010. [19 May 2010]. http://toxnet .nlm.nih .gov/cgi-bin/sis/htmlgen?HSDB.

2.
Agency for Toxic Substances and Disease Registry (ATSDR). Toxicological profile for tetrachloroethylene. Atlanta, GA: US Department of Health and Human Services; 1997.

3.
Verschueren K. Handbook of environmental data on organic chemicals. 4th ed. New York, NY: John Wiley & Sons; 2001.

4.
KowWin Estimation Software, ver. 1.66. North Syracuse, NY: Syracuse Research Corporation; 2002.

5.
AopWin Estimation Software, ver. 1.90. North Syracuse, NY: Syracuse Research Corporation; 2002.

6.
Tetrachloroethylene. Priority substances assessment report for the Canadian Environmental Protection Act. Ottawa: Environment Canada and Health Canada; 1993.

7.
Howard PH, et al. Handbook of environmental degradation rates. Boca Raton, FL: Lewis Publishers; 1991.

8.
Dry cleaning, some chlorinated solvents and other industrial chemicals Summary of data reported and evaluation. Lyon: International Agency for Research on Cancer; 1995. (IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Vol. 63)

9.
Development of initial risk assessment method for chemical substances and preparation of the initial risk assessment. Annual report 2002. Tokyo: National Institute of Technology and Evaluation; 2003.

10.
Von Grote J, et al. Reduction of occupational exposure to perchloroethylene and trichloroethylene in metal degreasing over the last 30 years: influences of technology innovation and legislation. Journal of Exposure Analysis and Environmental Epidemiology. 2003;13:325–340. [PubMed: 12973361]

11.
Lewis RG, Gordon SM. Sampling for organic chemicals in air. In: Keith LH, editor. Principles of environmental sampling. 2nd ed. Washington, DC: American Chemical Society; 1996. pp. 401–470.

12.
Mudder TI, Musterman JL. Development of empirical structure biodegradability relationships and biodegradability testing protocol for volatile and slightly soluble priority pollutants. Abstracts of Papers of the American Chemical Society. 1982;184:18.

13.
Bouwer EJ, Rittmann BE, Mccarty PL. Anaerobic degradation of halogenated 1-carbon and 2-carbon organic-compounds. Environmental Science & Technology. 1981;15:596–599. [PubMed: 22283955]

14.
Chemicals in the environment. Report on environmental survey and wildlife monitoring

of chemicals. Tokyo: Ministry of the Environment; 2001. [4 July 2010]. http://www .env.go.jp /chemi/kurohon/en/http2001e/index.html.

15.
Aggazzotti G, et al. Indoor exposure to perchloroethylene (PCE) in individuals living with dry-cleaning workers. Science of the Total Environment. 1994;156:133–137. [PubMed: 7992032]

16.
Tetrachloroethylene. Geneva: World Health Organization; 1984.

17.
Vartiainen T, et al. Population exposure to trichloroethene and tetrachloroethene and cancer risk – 2 cases of drinking-water pollution. Chemosphere. 1993;27:1171–1181.

18.
Database of Water Quality of Aqueduct [online database]. Tokyo: Japan Water Works Association; 2008. [4 July 2010]. http://www .jwwa.or.jp/mizu/list.html.

19.
Adgate JL, et al. Outdoor, indoor, and personal exposure to VOCs in children. Environmental Health Perspectives. 2004;112:1386–1392. [PMC free article: PMC1247565] [PubMed: 15471730]

20.
Adgate JL, et al. Personal, indoor, and outdoor VOC exposures in a probability sample of children. Journal of Exposure Analysis and Environmental Epidemiology. 2004;14:S4–S13. [PubMed: 15118740]

21.
Clayton CA, et al. National Human Exposure Assessment Survey (NHEXAS): distributions and associations of lead, arsenic and volatile organic compounds in EPA Region 5. Journal of Exposure Analysis and Environmental Epidemiology. 1999;9:381–392. [PubMed: 10554141]

22.
Payne-Sturges DC, et al. Personal exposure meets risk assessment: a comparison of measured and modeled exposures and risks in an urban community. Environmental Health Perspectives. 2004;112:589–598. [PMC free article: PMC1241926] [PubMed: 15064166]

23.
Sax SN, et al. Differences in source emission rates of volatile organic compounds in inner-city residences of New York City and Los Angeles. Journal of Exposure Analysis and Environmental Epidemiology. 2004;14(Suppl. 1):S95–S109. [PubMed: 15118751]

24.

Sexton K, et al. Comparison of personal, indoor, and outdoor exposures to hazardous air pollutants in three urban communities. Environmental Science & Technology. 2004;38:423–430. [PubMed: 14750716]

25.
Van Winkle MR, Scheff PA. Volatile organic compounds, polycyclic aromatic hydrocarbons and elements in the air of ten urban homes. Indoor Air. 2001;11:49–64. [PubMed: 11235231]

26.
Weisel CP, et al. Relationship between indoor, outdoor and personal air (RIOPA). Houston, TX: Health Effects Institute and National Urban Air Toxics Research Center; 2005. (Report No. 130, Part 1)

27.
McDermott MJ, et al. Tetrachloroethylene (PCE, perc) levels in residential dry cleaner buildings in diverse communities in New York City. Environmental Health Perspectives. 2005;113:1336–1343. [PMC free article: PMC1281276] [PubMed: 16203243]

28.
Kirchner S, et al. National dwellings survey: report on air quality in French dwellings, Final Report. Paris: Indoor Air Quality Observatory; 2006.

29.
Jantunen MJ, et al. Air pollution exposure in European cities: the EXPOLIS Study. Kuopio: National Public Health Institute; 1999.

30.
Ohura T, et al. Organic air pollutants inside and outside residences in Shimizu, Japan: levels, sources and risks. Science of the Total Environment. 2006;366:485–499. [PubMed: 16298419]

31.
Report of the nationwide survey of indoor volatile organic chemicals in residential houses, Japan. Tokyo: Ministry of Health and Welfare; 1999. (in Japanese)

32.
Raisanen J, Niemela R, Rosenberg C. Tetrachloroethylene emissions and exposure in dry cleaning. Journal of the Air & Waste Management Association. 2001;51:1671–1675. [PubMed: 15666472]

33.
Moschandreas DJ, Odea DS. Measurement of perchloroethylene indoor air levels caused by fugitive emissions from unvented dry-to-dry dry-cleaning units. Journal of the Air & Waste Management Association. 1995;45:111–115.

34.
Eklund BM, et al. Spatial and temporal variability in VOC levels within a commercial retail building. Indoor Air. 2008;18:365–374. [PubMed: 18636973]

35.
Building Assessment Survey and Evaluation (BASE) Study. Washington, DC: US Environmental Protection Agency; 2008. [2 July 2010]. http://www .epa.gov/iaq /base/voc_master_list.html.

36.
Chao CY, Chan GY. Quantification of indoor VOCs in twenty mechanically ventilated buildings in Hong Kong. Atmospheric Environment. 2001;35:5895–5913.

37.
Loh MM, et al. Measured concentrations of VOCs in several non-residential microenvironments in the United States. Environmental Science & Technology. 2006;4:6903–6911. [PubMed: 17153993]

38.
You XI, et al. Determinants of airborne concentrations of volatile organic compounds in rural areas of Western Canada. Journal of Exposure Analysis and Environmental Epidemiology. 2008;18:117–128. [PubMed: 17327851]

39.
Wallace L. The Total Exposure Assessment Methodology (TEAM) study: summary and analysis. Vol. 1. Washington, DC: US Environmental Protection Agency; 1987. (Report No. EPA/600/6-87/002A)

40.
Wallace LA, Nelson WC, Ziegenfus R. The Los Angeles TEAM study: personal exposures, indoor–outdoor air concentrations, and breath concentrations of 25 volatile organic compounds. Journal of Exposure Analysis and Environmental Epidemiology. 1991;1:157–192. [PubMed: 1824315]

41.
Dallas CE, et al. Use of physiologically based model to predict systemic uptake and respiratory elimination of perchloroethylene. Toxicology and Applied Pharmacology. 1994;128:60–69. [PubMed: 8079355]

42.
Nakai JS, et al. Penetration of chloroform, trichloroethylene, and tetrachloroethylene through human skin. Journal of Toxicology and Environmental Health A. 1999;58:157–170. [PubMed: 10522647]

43.
Poet TS, et al. PBPK modeling of the percutaneous absorption of perchloroethylene from a

soil matrix in rats and humans. Toxicological Sciences. 2002;67:17–31. [PubMed: 11961212]

44.
Tetrachloroethylene (PCE). Case studies in environmental medicine. Atlanta, GA: Agency for Toxic Substances and Disease Registry; 2010. [5 July 2010]. www .atsdr.cdc.gov/csem /pce/pcephysiologic_effects.html.

45.
Beliles RP. Concordance across species in the reproductive and developmental toxicity of tetrachloroethylene. Toxicology and Industrial Health. 2002;18:91–106. [PubMed: 12868798]

46.
Dallas CE, et al. Development of a physiologically based model for perchloroethylene using tissue concentration–time data. Toxicology and Applied Pharmacology. 1994;128:50–59. [PubMed: 8079354]

47.
McKernan LT, et al. Biological exposure assessment to tetrachloroethylene for workers in the dry cleaning industry. Environmental Health. 2008;7:12. [PMC free article: PMC2374777] [PubMed: 18412959]

48.
Lash LH, Parker JC. Hepatic and renal toxicities associated with perchloroethylene. Pharmacological Reviews. 2001;53:177–208. [PubMed: 11356983]

49.
Lash LH, et al. Renal toxicity of perchloroethylene and S-(1,2,2-trichlorovinyl)glutathione in rats and mice: sex- and species-dependent differences. Toxicology and Applied Pharmacology. 2002;179:163–171. [PubMed: 11906246]

50.
Philip BK, et al. Impact of repeated exposure on toxicity of perchloroethylene in Swiss Webster mice. Toxicology. 2007;232:1–14. [PubMed: 17267091]

51.
Tetrachloroethylene: assessment of human carcinogenic hazard. Brussels: European Centre for Ecotoxicology and Toxicology of Chemicals; 1990. (ECETOC Technical Report No. 37)

52.
Green T, et al. Perchloroethylene-induced rat kidney tumors: an investigation of the mechanisms involved and their relevance to humans. Toxicology and Applied Pharmacology. 1990;103:77–89. [PubMed: 1969182]

53.

Lash LH, et al. Glutathione conjugation of perchloroethylene in rats and mice in vitro: sex-, species-, and tissue-dependent differences. Toxicology and Applied Pharmacology. 1998;150:49–57. [PubMed: 9630452]

54.
Völkel W, et al. Biotransformation of perchloroethene: dose-dependent excretion of trichloroacetic acid, dichloroacetic acid, and N-acetyl-S-(trichlorovinyl)-L-cysteine in rats and humans after inhalation. Toxicology and Applied Pharmacology. 1998;153:20–27. [PubMed: 9875296]

55.
Ohtsuki T, et al. Limited capacity of humans to metabolize tetrachloroethylene. International Archives of Occupational and Environmental Health. 1983;51:381–390. [PubMed: 6862652]

56.
Bois FY, et al. Population toxicokinetics of tetrachloroethylene. Archives of Toxicology. 1996;70:347–355. [PubMed: 8975633]

57.
Chiu WA, et al. Toxicokinetics of inhaled trichloroethylene and tetrachloroethylene in humans at 1 ppm: empirical results and comparisons with previous studies. Toxicological Sciences. 2007;95:23–36. [PubMed: 17032701]

58.
Byczkowski JZ, et al. Computer simulation of the lactational transfer of tetrachloroethylene in rats using a physiologically based model. Toxicology and Applied Pharmacology. 1994;125:228–236. [PubMed: 8171430]

59.
Hamada T, Tanaka H. Transfer of methyl chloroform, trichloroethylene and tetrachloroethylene to milk, tissues and expired air following intraruminal or oral administration in lactating goats and milk-fed kids. Environmental Pollution. 1995;87:313–318. [PubMed: 15091581]

60.
Schreiber JS. Predicted infant exposure to tetrachloroethylene in human breastmilk. Risk Analysis. 1993;13:515–524. [PubMed: 8259441]

61.
Gobba F, et al. Perchloroethylene in alveolar air, blood, and urine as biologic indices of low-level exposure. Journal of Occupational and Environmental Medicine. 2003;45:1152–1157. [PubMed: 14610396]

62.
Lauwerys R, et al. Health surveillance of workers exposed to tetrachloroethylene in dry-cleaning shops. International Archives of Occupational and Environmental Health.

1983;52:69–77. [PubMed: 6874093]

63.
Furuki K, et al. Monitoring of occupational exposure to tetrachloroethene by analysis for unmetabolized tetrachloroethene in blood and urine in comparison with urinalysis for trichloroacetic acid. International Archives of Occupational and Environmental Health. 2000;73:221–227. [PubMed: 10877027]

64.
Chen CW, Blancato JN. Pharmacokinetics in risk assessment – drinking water and health. Vol. 8. Washington DC: National Academy Press; 1987. Role of pharmacokinetic modeling in risk assessment: perchloroethylene as an example.

65.
Bogen KT, McKone TE. Linking indoor air and pharmacokinetic models to assess tetrachloroethylene risk. Risk Analysis. 1988;8:509–552. [PubMed: 3244858]

66.
Ward RC, et al. Pharmacokinetics of tetrachloroethylene. Toxicology and Applied Pharmacology. 1988;93:108–117. [PubMed: 3353997]

67.

68.
Dallas CE, et al. Use of tissue distribution data from rats and dogs to determine species differences in input parameters for a physiological model for perchloroethylene. Environmental Research. 1994;67:54–67. [PubMed: 7925194]

69.
Dallas CE, et al. Physiologically based pharmacokinetic model useful in prediction of the influence of species, dose, and exposure route of perchloroethylene pharmacokinetics. Journal of Toxicology and Environmental Health. 1995;44:301–317. [PubMed: 7897693]

70.
Jang JY, Droz PO. Ethnic differences in biological monitoring of several organic solvents. II. A simulation study with a physiologically based pharmacokinetic model. International Archives of Occupational and Environmental Health. 1997;70:41–50. [PubMed: 9258706]

71.
Gearhart JM, et al. Variability of physiologically based pharmacokinetic (PBPK) model parameters and their effects on PBPK model predictions in a risk assessment for perchloroethylene (PCE). Toxicology Letters. 1993;68:131–144. [PubMed: 8516760]

72.
Reitz RH, et al. In vivo and in vitro studies of perchloroethylene metabolism for physiologically based pharmacokinetic modeling in rats, mice, and humans. Toxicology

and Applied Pharmacology. 1996;136:289–306. [PubMed: 8619237]

73.
Dobrev ID, Andersen ME, Yang RS. Assessing interaction thresholds for trichloroethylene in combination with tetrachloroethylene and 1,1,1-trichloroethane using gas uptake studies and PBPK modeling. Archives of Toxicology. 2001;75:134–144. [PubMed: 11409535]

74.
Loizou GD. The application of physiologically based pharmacokinetic modelling in the analysis of occupational exposure to perchloroethylene. Toxicology Letters. 2001;124:59–69. [PubMed: 11684358]

75.
Poet TS, et al. PBPK modeling of the percutaneous absorption of perchloroethylene from a soil matrix in rats and humans. Toxicological Sciences. 2002;67:17–31. [PubMed: 11961212]

76.

77.
Clewell HJ, et al. Evaluation of physiologically based pharmacokinetic models in risk assessment: an example with perchloroethylene. Critical Reviews in Toxicology. 2005;35:413–433. [PubMed: 16097137]

78.
Chiu WA, Bois FY. Revisiting the population toxicokinetics of tetrachloroethylene. Archives of Toxicology. 2006;80:382–385. Erratum. *Archives of Toxicology*, 2006, 80:386. [PubMed: 16474962]

79.
Covington TR, et al. The use of Markov chain Monte Carlo uncertainty analysis to support a Public Health Goal for perchloroethylene. Regulatory Toxicology and Pharmacology. 2007;47:1–18. [PubMed: 16901594]

80.
Ramsey JC, Andersen ME. A physiologically based description of the inhalation pharmacokinetics of styrene in rats and humans. Toxicology and Applied Pharmacology. 1984;73:159–175. [PubMed: 6710512]

81.
Hattis D, et al. Uncertainties in pharmacokinetic modelling for perchloroethylene. I. Comparison of model structure, parameters, and predictions for low-dose metabolism rates for models derived by different authors. Risk Analysis. 1990;10:449–458. [PubMed: 2236748]

82.
Bois FY, et al. Precision and sensitivity of pharmacokinetic models for cancer risk

assessment: tetrachloroethylene in mice, rats and humans. Toxicology and Applied Pharmacology. 1990;102:300–315. [PubMed: 2300971]

83.
Kjellstrand P, et al. Perchloroethylene: effects on body and organ weights and plasma butyrylcholinesterase activity in mice. Acta Pharmcologica et Toxicologica. 1984;54:414–424. [PubMed: 6464786]

84.
Technical report on the toxicology carcinogenesis studies of tetrachloroethylene (perchloroethylene) in F344/N rats and B6C3F1 mice (inhalation studies). Research Triangle Park, NC: National Toxicology Program; 1986. (NTP Technical Report No. 311) [PubMed: 12748718]

85.
Suzaki H, Aoki A, Nomura Y. Regeneration of olfactory mucosa in mice after inhalation exposure to perchloroethylene. Journal for Otorhinolaryngology and its Related Species. 1997;59:91–96. [PubMed: 9166878]

86.
Wang S, et al. Perchloroethylene-induced reduction of glial and neuronal cell marker proteins in rat brain. Pharmacology and Toxicology. 1993;72:273–278. [PubMed: 8372046]

87.
Seidel HJ, et al. Hematological toxicity of tetrachloroethylene in mice. Archives of Toxicology. 1992;66:228–230. [PubMed: 1497490]

88.
Chen HH, Chan MH, Fu SH. Behavioural effects of tetrachloroethylene exposure in rats: acute and subchronic studies. Toxicology. 2002;170:201–209. [PubMed: 11788157]

89.
Oshiro WM, Krantz QT, Bushnell PJ. Characterization of the effects of inhaled perchloroethylene on sustained attention in rats performing a visual signal detection task. Neurotoxicology and Teratology. 2008;30:167–174. [PubMed: 18299185]

90.
Saillenfait AM, Langonné I, Sabaté JP. Developmental toxicity of trichloroethylene, tetrachloroethylene and four of their metabolites in rat whole embryo culture. Archives of Toxicology. 1995;70(2):71–82. [PubMed: 8773178]

91.
Fredriksson A, Danielsson BR, Eriksson P. Altered behaviour in adult mice orally exposed to tri- and tetrachloroethylene as neonates. Toxicology Letters. 1993;66:13–19. [PubMed: 8427017]

92.

Carney EW, et al. Developmental toxicity studies in Crl:CD (SD) rats following inhalation exposure to trichloroethylene and perchloroethylene. Birth Defects Research (Part B). 2006;77:405–412. [PubMed: 17066414]

93.
Chen HH, et al. Effects of trichloroethylene and perchloroethylene on muscle contractile responses and epithelial prostaglandin release and acetylcholinesterase activity in swine trachea. Toxicological Sciences. 2005;83:149–154. [PubMed: 15496499]

94.
Technical report on the bioassay of tetrachloroethylene (CAS No. 127-18-4) for possible carcinogenesis. Bethesda, MD: Department of Health, Education and Welfare; 1977. (DHEW Publication No. 77-813; National Cancer Institute Technical Report No. 13)

95.
Ishmael J, Dugard PH. A review of perchloroethylene and rat mononuclear cell leukemia. Regulatory Toxicology and Pharmacology. 2006;45:178–184. [PubMed: 16684583]

96.
Dry cleaning, some chlorinated solvents and other industrial chemicals. Lyon: International Agency for Research on Cancer; 1997. (IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Vol. 63)

97.
Murakami K, Horikawa K. The induction of micronuclei in mice hepatocytes and reticulocytes by tetrachloroethylene. Chemosphere. 1995;31:3733–3739. [PubMed: 8528655]

98.
Giovannini L, et al. Effect of ethanol chronic use on hepatotoxicity in rats exposed to tetrachloroethylene. International Journal of Tissue Reactions. 1992;24:281–285. [PubMed: 1306529]

99.

100.
Köppel C, et al. Acute tetrachloroethylene poisoning – blood elimination kinetics during hyperventilation therapy. Journal of Toxicology, Clinical Toxicology. 1985;23:103–115. [PubMed: 4057308]

101.
Choi YH, et al. ARF requiring hemodialysis after accidental perchloroethylene ingestion. American Journal of Kidney Diseases. 2003;41:E11. [PubMed: 12613004]

102.
Levine B, et al. A tetrachloroethylene fatality. Journal of Forensic Sciences. 1981;26:206–209. [PubMed: 7205186]

103.
Garnier R, et al. Coin-operated dry cleaning machines may be responsible for acute tetrachloroethylene poisoning: report of 26 cases including one death. Journal of Toxicology, Clinical Toxicology. 1996;34:191–197. [PubMed: 8618253]

104.
Gaillard Y, Billault F, Pépin G. Tetrachloroethylene fatality: case report and simple gas chromatographic determination in blood and tissues. Forensic Science International. 1995;76:161–168. [PubMed: 8566918]

105.
Lukaszewski T. Acute tetrachloroethylene fatality. Clinical Toxicology. 1979;15:411–415. [PubMed: 540489]

106.
Dehon B, et al. Tetrachloroethylene and trichloroethylene fatality: case report and simple headspace SPME-capillary gas chromatographic determination in tissues. Journal of Analytical Toxicology. 2000;24:22–26. [PubMed: 10654565]

107.

108.
Altmann L, et al. Neurophysiological and psychological measurements reveal effects of acute low-level organic solvent exposure in humans. International Archives of Occupational and Environmental Health. 1990;62:493–499. [PubMed: 2289821]

109.
Seeber A. Neurobehavioral toxicology of long-term exposure to tetrachloroethylene. Neurotoxicology and Teratology. 1990;11:579–583. [PubMed: 2626148]

110.
Ferroni C, et al. Neurobehavioral and neuroendocrine effects of occupational exposure to perchloroethylene. Neurotoxicology. 1992;13:243–248. [PubMed: 1508425]

111.
Nakatsuka H, et al. Absence of blue–yellow color vision loss among workers exposed to toluene or tetrachloroethylene mostly at levels below occupational exposure limits. International Archives of Occupational and Environmental Health. 1992;64:113–117. [PubMed: 1399020]

112.
Cavalleri A, et al. Perchloroethylene exposure can induce color vision loss. Neuroscience Letters. 1994;179:162–166. [PubMed: 7845613]

113.
Gobba F, et al. Two-year evolution of perchloroethylene-induced color-vision loss. Archives of Environmental Health. 1998;53:196–198. [PubMed: 9814715]

114.

Onofrj M, et al. Optic neuritis with residual tunnel vision in perchloroethylene toxicity. Journal of Toxicology, Clinical Toxicology. 1998;36:603–607. [PubMed: 9776966]

115.

116.

Storm JE, Mazor KA. Update of residential tetrachloroethylene exposure and decreases in visual contrast sensitivity. Environmental Health Perspectives. 2004;112:A862–A864. author reply A864–A865. Erratum. *Environmental Health Perspectives*, 2004, 112:A980. [PMC free article: PMC1247642] [PubMed: 15531411]

117.

118.

Mutti A, et al. Nephropathies and exposure to perchloroethylene in dry-cleaners. Lancet. 1992;340:189–193. [PubMed: 1353133]

119.

Verplanke AJ, Leummens MH, Herber RF. Occupational exposure to tetrachloroethene and its effects on the kidneys. Journal of Occupational and Environmental Medicine. 1999;41:11–16. [PubMed: 9924715]

120.

Franchini I, et al. Early indicators of renal damage in workers exposed to organic solvents. International Archives of Occupational and Environmental Health. 1983;52:1–9. [PubMed: 6603422]

121.

Sonnenfeld N, Hertz-Picciotto I, Kaye WE. Tetrachloroethylene in drinking water and birth outcomes at the US Marine Corps Base at Camp Lejeune, North Carolina. American Journal of Epidemiology. 2001;154:902–908. [PubMed: 11700244]

122.

Bove FJ, et al. Public drinking water contamination and birth outcomes. American Journal of Epidemiology. 1995;141:850–862. [PubMed: 7717362]

123.

Chen ATL, Sever LE. Comment on: Public drinking water contamination and birth outcomes. American Journal of Epidemiology. 1996;143:1179–1180. [PubMed: 8633613]

124.

Mills JL, et al. Homocysteine metabolism in pregnancies complicated by neural-tube defects. Lancet. 1995;345:149–151. [PubMed: 7741859]

125.

126.

127.

128.

Olsen J, et al. Low birthweight, congenital malformations, and spontaneous abortions

among dry-cleaning workers in Scandinavia. Scandinavian Journal of Work and Environmental Health. 1990;16:163–168. [PubMed: 2143312]

129.

130.
McDonald AD, et al. Spontaneous abortion and occupation. Journal of Occupational Medicine. 1986;28:1232–1238. [PubMed: 3806263]

131.
Bosco MG, Figá-Talamanca I, Salerno S. Health and reproductive status of 24 female workers in dry cleaning shops. International Archives of Occupational and Environmental Health. 1987;59:295–301. [PubMed: 3570493]

132.
Ahlborg G Jr. Pregnancy outcome among women working in laundries and dry-cleaning shops using tetrachloroethylene. American Journal of Industrial Medicine. 1990;17:567–575. [PubMed: 2337082]

133.
Sallmén M, et al. Reduced fertility among women exposed to organic solvents. American Journal of Industrial Medicine. 1995;27:699–713. [PubMed: 7611306]

134.
Agency for Toxic Substances and Disease Registry (ATSDR). Volatile organic compounds in drinking water and adverse pregnancy outcomes: United States Marine Corps Base, Camp Lejeune, North Carolina. Atlanta, GA: US Department of Health and Human Services; 1998.

135.
Tetrachloroethylene (perchloroethylene). Research Triangle Park, NC: National Toxicology Program; 2002. (Report on Carcinogens, 10th ed., pp. 226–228)

136.
Toraason M, et al. Effect of perchloroethylene, smoking, and race on oxidative DNA damage in female dry cleaners. Mutation Research. 2003;539:9–18. [PubMed: 12948810]

137.
Diodovich C, et al. Sensitivity of human cord blood cells to tetrachloroethylene: cellular and molecular endpoints. Archives of Toxicology. 2005;79:508–514. [PubMed: 16010555]

138.

139.

140.

141.

142.

Mundt KA, Birk T, Burch MT. Critical review of the epidemiological literature on occupational exposure to perchloroethylene and cancer. International Archives of Occupational and Environmental Health. 2003;76:473–491. [PubMed: 12898270]

143.
Ruder AM. Potential health effects of occupational chlorinated solvent exposure. Annals of the New York Academy of Sciences. 2006;1076:207–227. [PubMed: 17119204]

144.
European Commission. Human exposure characterisation of chemical substances, quantification of exposure routes. Ispra: Physical and Chemical Exposure Unit Joint Research Centre; 2005.

145.
Tetrachloroethylene (perchloroethylene). Air Toxics Web Site. Washington, DC: US Environmental Protection Agency; 2000. [17 July 2010]. http://www .epa.gov/ttn /atw/hlthef/tet-ethy.html.

146.
Department of Health. 1996 Annual report of the Committees on Toxicity, Mutagenicity and Carcinogenicity of Chemicals in Food, Consumer Products and the Environment. London: The Stationery Office; 1997.

147.
NIOSH pocket guide to chemical hazards. Tetrachloroethylene. Atlanta, GA: National Institute for Occupational Safety and Health; 2005. (NIOSH Publication 2005-149)

148.
Air quality guidelines for Europe. 2nd ed. Copenhagen: WHO Regional Office for Europe; 2000. Tetrachloroethylene. (WHO Regional Publications, European Series, No. 91)

Footnotes

1
This figure was calculated and found to be 0.24 mg/m^3 using the information provided by ATSDR. This may be due to a different conversion factor for converting ppm to mg/m^3 and rounding during the calculation.

Copyright © 2010, World Health Organization.
All rights reserved. The Regional Office for Europe of the World Health Organization welcomes requests for permission to reproduce or translate its publications, in part or in full. Address requests for publications of the WHO Regional Office for Europe to: Publications, WHO Regional Office for Europe, Scherfigsvej 8, DK-2100 Copenhagen Ø, Denmark. Alternatively, complete an online request form for documentation, health information, or for permission to quote or translate, on the Regional Office web site (http://www.euro.who.int/pubrequest).

Bookshelf ID: NBK138706

Contents

Share

- PubReader
- Print View
- Cite this Page
- PDF version of this title (2.7M)

WHO Guidelines Approved by the Guidelines Review Committee

Support Center Support Center
External link. Please review our privacy policy.

Exhibit M

Info on Prop 65

About Proposition 65

oehha.ca.gov/proposition-65/about-proposition-65

January 12, 2015

What is Proposition 65?

Proposition 65 requires businesses to provide warnings to Californians about significant exposures to chemicals that cause cancer, birth defects or other reproductive harm. These chemicals can be in the products that Californians purchase, in their homes or workplaces, or that are released into the environment. By requiring that this information be provided, Proposition 65 enables Californians to make informed decisions about their exposures to these chemicals.

Proposition 65 also prohibits California businesses from knowingly discharging significant amounts of listed chemicals into sources of drinking water.

Proposition 65 requires California to publish a list of chemicals known to cause cancer, birth defects or other reproductive harm. This list, which must be updated at least once a year, has grown to include approximately 900 chemicals since it was first published in 1987.

Proposition 65 became law in November 1986, when California voters approved it by a 63-37 percent margin. The official name of Proposition 65 is the Safe Drinking Water and Toxic Enforcement Act of 1986.

What types of chemicals are on the Proposition 65 list?

The list contains a wide range of naturally occurring and synthetic chemicals that include additives or ingredients in pesticides, common household products, food, drugs, dyes, or solvents. Listed chemicals may also be used in manufacturing and construction, or they may be byproducts of chemical processes, such as motor vehicle exhaust.

Learn how chemicals are added to the list.

What does a warning mean?

If a warning is placed on a product label or posted or distributed at a workplace, a business, or in rental housing, the business issuing the warning is aware or believes that it is exposing individuals to one or more listed chemicals.

By law, a warning must be given for listed chemicals unless the exposure is low enough to pose no significant risk of cancer or is significantly below levels observed to cause birth defects or other reproductive harm.

Learn about how businesses can comply with Proposition 65.

Who administers Proposition 65?

The Office of Environmental Health Hazard Assessment (OEHHA) administers the Proposition 65 program. OEHHA, which is part of the California Environmental Protection Agency (CalEPA), determines in many cases whether chemicals meet the scientific and legal requirements for placement on the Proposition 65 list, and administers regulations that govern warnings and other aspects of Proposition 65.

Learn what to expect at meetings of the Proposition 65 Committees.

Who enforces Proposition 65?

The California Attorney General's Office enforces Proposition 65. Any district attorney or city attorney (for cities whose population exceeds 750,000) may also enforce Proposition 65. In addition, any individual acting in the public interest may enforce Proposition 65 by filing a lawsuit against a business alleged to be in violation of this law.

Lawsuits have been filed by the Attorney General's Office, district attorneys, consumer advocacy groups, and private citizens and law firms.

What are the penalties for violating Proposition 65?

Penalties for violating Proposition 65 by failing to provide notices can be as high as $2,500 per violation per day.

Where can I get more information on Proposition 65?

Visit our Proposition 65 Warnings website.

Exhibit N

1914 Flood

The Homestead Blog

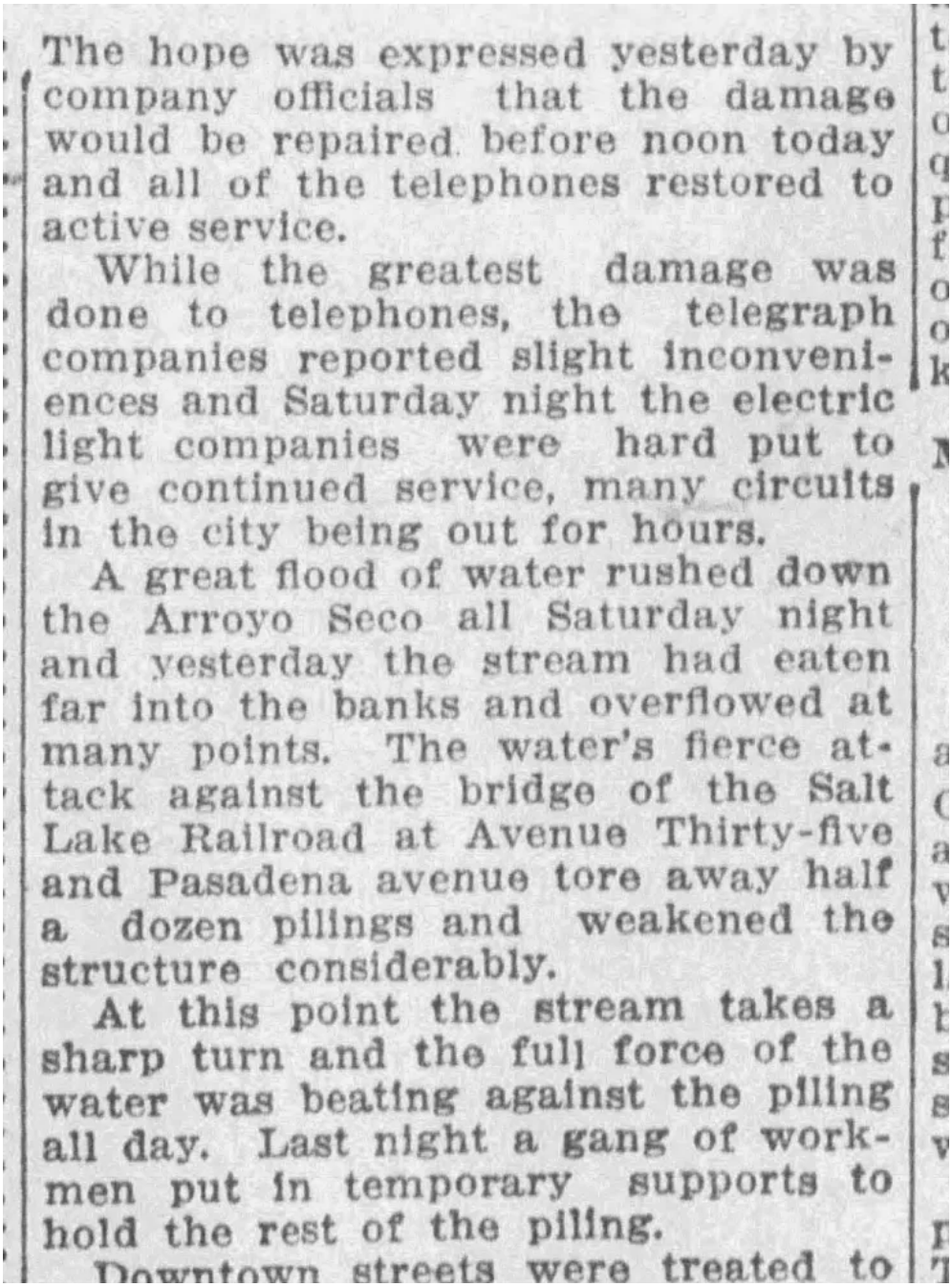
Creating advocates for history through the stories of greater Los Angeles.

Here Comes the Flood: The Deluge of January and February 1914

by Paul R. Spitzzeri

Today was the last of several days of heavy rain in a region parched for most of the last several years, including a bone-dry 2017-18 season of under five inches in downtown Los Angeles and coming after five straight years of under ten inches until the 2016-17 season of nearly twenty. Much of the officially recorded precipitation history, dating back to 1877, shows occasional wet years (2004-05 at 37 inches, 1997-98 at 31 inches, etc) with dry spells that often last three to five years (and, once in a while, more–such as in the late 1940s/early 1950s.)

This month has brought about five inches of rain locally on top of the four so far this season, so this is encouraging given the uncertainty about what our winter rainy season might portend. Of course, those areas that are fire-scarred from recent conflagrations have had to contend with potentially devastating mud slides, another fairly frequent winter problem.



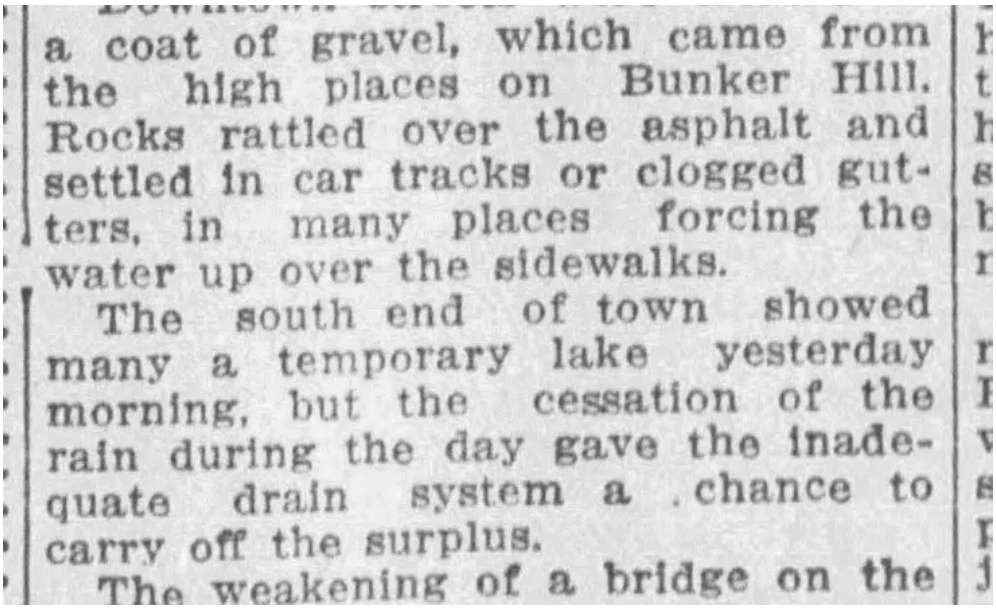
The hope was expressed yesterday by company officials that the damage would be repaired before noon today and all of the telephones restored to active service.

While the greatest damage was done to telephones, the telegraph companies reported slight inconveniences and Saturday night the electric light companies were hard put to give continued service, many circuits in the city being out for hours.

A great flood of water rushed down the Arroyo Seco all Saturday night and yesterday the stream had eaten far into the banks and overflowed at many points. The water's fierce attack against the bridge of the Salt Lake Railroad at Avenue Thirty-five and Pasadena avenue tore away half a dozen pilings and weakened the structure considerably.

At this point the stream takes a sharp turn and the full force of the water was beating against the piling all day. Last night a gang of workmen put in temporary supports to hold the rest of the piling.

Downtown streets were treated to



a coat of gravel, which came from the high places on Bunker Hill. Rocks rattled over the asphalt and settled in car tracks or clogged gutters, in many places forcing the water up over the sidewalks.

The south end of town showed many a temporary lake yesterday morning, but the cessation of the rain during the day gave the inadequate drain system a chance to carry off the surplus.

The weakening of a bridge on the

Los Angeles Times, *19 January 1914.*

Still, we can be at least thankful for the comprehensive flood control system we have to minimize the effects of heavy rain and flooding, when these conditions do occur. These improvements, mainly handled by the U.S. Army Corps of Engineers, can be traced back to early efforts by Los Angeles County to implement a flood control system after devastating floods in the winter of 1914.

That season totaled over 23 inches of rain, the most tallied in over twenty years, and most of this fell in storms that drenched greater Los Angeles in January and February. As heavy rainfall struck, much of the precipitation fell in our heavily granitic and steeply sloped San Gabriel Mountains, sending cascades of water down canyons and into rivers, creeks, and washes.

Times, *19 January 1914.*

Without channels to efficiently (some would say too much so, given the need to capture and store water these days) direct water to the Pacific Ocean, these watercourses overflowed their banks and/or their channels changed. Flooding caused the destruction of homes and other personal property, ravaged farms and ranches, and, in a few cases, led to the tragic loss of life.

In mid-January, a storm hit that also brought big, powerful waves pounding the coast, especially west-facing areas like Venice and Redondo Beach. At the former, a wooden boardwalk was partially destroyed, while, at the latter, 50,000 sandbags were used to shore up the area where a boardwalk and cottages lined the coast.

Times, *27 January 1914.*

Rainfall totals, meanwhile, ranged generally from 3 to 7 inches in most areas. The foothill areas at the base of the San Gabriels had most of the largest totals, including Glendora at 6.57 inches, Sierra Madre at 5.21 inches, and Pasadena at nearly 4 inches. It was Glendale, which sits at the bottom of the Verdugo range, that had the highest rainfall totals, at just below 7 inches.

In its reporting, the *Los Angeles Times* of 19 January, noted that:

> A great flood of water rushed down the Arroyo Seco all

> Saturday night [the 17th] and yesterday the stream had eaten far into the banks and overflowed at many points. The water's fierce attacks against the bridge of the Salt Lake Railroad at Avenue thirty-five and Pasadena avenue tore away half a dozen pilings and weakened the structure considerably.

A touched-up photograph showed the extent of the damage to the pilings at this bridge, which was not considered to be at "the danger point" and which was "to be repaired at once."

A little more than a week later, another powerful storm system slammed the region and the *Times* referred to it as a "storm king," adding that it was "one of the most severe storms in the history of Southern California . . . leaving in its wake complete saturation, demoralized traffic, demolished bridges, undermined houses and uprooted trees." Most of the property damage was said to be with roads and bridges, though at least three lives were known to have been lost.

Times, *27 January 1914.*

Elsewhere the paper stated that the Arroyo Seco, which means "dry creek" became "Arroyo Humedo," which translates into damp creek (perhaps *mojado*, or wet, would have been more accurate?):

> Streets ran rivers in the storm of Sunday and Sunday night and the traffic connections of this city and the entire Southland were materially impaired all day, yesterday, and will be necessarily curtailed even today and perhaps tomorrow.
>
> This side of Sycamore Grove [along the Arroyo Seco near Highland Park] the Salt Lake tracks were undermined and washed away for twenty feet or more. At one place rails and ties had entire disappeared below [sic] the

surface. At another place on the washout the force of the water was so great that it swept trees and bales of hay against the steel rails so violently that the rails were bent double.

Floodwaters from the Los Angeles and San Gabriel rivers were expected to silt up the inner portion of the Port of Los Angeles. It was estimated that just over 6 1/2 inches of rain was dropped on Pasadena during this latest deluge, pushing the seasonal total to about 20 inches. It was stated that "this was one of the heaviest storms Pasadena has ever had" and "about the most disastrous one that has been recorded here." An older bridge under the newly completed (and now landmark) Colorado Street Bridge was washed away and a dam nearby was also obliterated.

Times, *27 January 1914.*

In the eastern San Gabriel Valley and its connection with the Inland Empire, the *Times* published photos of flood damage in Covina, Irwindale, and San Dimas, showing mangled roads, washed out bridges, flooded orange groves, and damaged houses.

Reported deaths included young William Clark, only 12 years old, who was carried into the Los Angeles River at the bridge on Upper Main Street. In Villa Park in Orange County, Frank Rios was drowned, though no details on the incident were reported. Near the community of Old Mission, where the Temple family lived (and Walter P. Temple, Jr. seventy-five years later, told me he vividly remembered the flood and the washout of the bridge over the Rio Hondo just east of his family's home, though he was just turning five years old at the time), Felipe Rodriguez was with a group of men lassoing timber that was washed downstream in the San Gabriel River when he was yanked off the bridge and into the rushing torrent.

Times, *29 January 1914.*

The strangest death was of Hugh Haven, a retired executive of the famed Marshall Field department store in Chicago, and a resident of Monrovia. He left Los Angeles in a late evening streetcar, which was delayed by flooding and took about three hours to reach Monrovia. Haven and another man secured a taxi, but with streetlights out because of the storm, the car could not find the house, so Haven exited the vehicle and began walking.

It was believed he slipped while trying to get from the street to a sidewalk and the 55-year old was pulled by rushing water into a culvert. He tried to stop himself by grabbing wooden boards in the culvert and his hand was trapped "pinning him beneath the water." Haven's body was found there the next morning by a boy delivering milk with his employer.

Times, *27 January 1914.*

As strong as that storm system was, there was another massive one over three days towards the end of February that wreaked more havoc and devastation on the greater Los Angeles region. The Homestead's collection has about a dozen photographs taken during the winter 1914 floods, almost all from that February deluge.

Two of the most recent acquisitions are the ones highlighted here. One of these is taken along the San Pedro, Los Angeles and Salt Lake line bordering the Arroyo Seco and it dramatically shows the ten-foot swell in that creek, the twisted steel rails of the line along the

caved-in bank, a downed power pole, and groups of people gathered at the scene. At the top right to the south is the corner of Griffith Park. Captioning reads "Feb. 1914 / Flood along Arroyo Seco / Salt Lake R.R. near Sycamore Grove, Cal."

This snapshot from the Homestead's collection shows the twisted track of the San Pedro, Los Angeles and Salt Lake Railroad along the Arroyo Seco (Dry Creek) near Highland Park in February 1914, likely after the three-day deluge of the 20th through 22nd of that month. The view looks south towards Griffith Park, the northeast limit of which is at upper left.

The second photo is equally compelling and centers on a single-story wood-frame residence that slid down a destabilized bank and into a

watercourse, perhaps the Los Angeles River. In the foreground is a twisted pipe, likely a water pipe or maybe a gas line. A group of people stand near the house and, in the distance, is a steel bridge and part of a cement and construction company. In the same hand as with the other image, the caption here reads, "Los Angeles, Cal. / Destruction from flood. Feb. 1914."

These photos, along with others in the museum's holdings, are fascinating documents of the floods that, along with others that took place two years later, were the impetus for a concerted effort by local and then national officials to deal with the flood risks that were manifested during those occasional, but dangerous, heavy winter rains.

This dramatic image shows a home that slid down a washed-out bank of what might have been the Los Angeles River and was taken by the same photographer and at the same time as the above view.

Work moved slowly at first and then significant gains were made during the 1920s. Even during the Great Depression some improvements were made, though, in 1938, powerful deluges and severe flooding wreaked devastation in mountain canyons where resorts and cabins were destroyed (it was also the final blow for the Mt. Lowe Railway, as well), in foothill regions such as La Cañada-Flintridge and La Crescenta where much property and a number of lives were lost, and along rivers, including the *barrio* community of Atwood in present Placentia in Orange County, where the Santa Ana River overflowed, destroyed many homes, and killed quite a number of residents.

After World War II, with the local and national economies humming, flood control reached a pinnacle with channelization of rivers, creeks and washes, the construction of dams, and other measures enacted. These days, there is talk of reverting some of the watercourses to a more natural state, while still allowing for the mitigation of flood risk. Where flood control will take is in upcoming years will be interesting to see.

SHARE THIS:

Facebook Twitter Email

LIKE THIS:

Loading...

January 17, 2019

Collections, Current events, Historic site, Local history

Arroyo Seco flood 1914, Flood control Los Angeles, Flood deaths Los Angeles 1914, Flood history San Gabriel Valley, Flood photographs 1914, Floods of 1914, Highland Park Los Angeles history, Los Angeles floods, Los Angeles Times, San Gabriel River flood 1914, Winter storms Los Angeles history

HOURS & INFO

15415 E Don Julian Road
City of Industry, CA 91745

1-626-968-8492

Public Tours (Wed.-Sun.)
Workman House:
1:00 & 3:00 p.m.
La Casa Nueva:

2:00 & 4:00 p.m.

ARCHIVES

FOLLOW BLOG VIA EMAIL

POWERED BY WORDPRESS.COM.

UP ↑

Exhibit O

Fire Code

SECTION D104
COMMERCIAL AND INDUSTRIAL DEVELOPMENTS

D104.1 Buildings exceeding three stories or 30 feet in height. Buildings or facilities exceeding 30 feet (9144 mm) or three stories in height shall have at least two means of fire apparatus access for each structure.

D104.2 Buildings exceeding 62,000 square feet in area. Buildings or facilities having a gross building area of more than 62,000 square feet (5760 m^2) shall be provided with two separate and approved fire apparatus access roads.

> **Exception:** Projects having a gross building area of up to 124,000 square feet (11 520 m^2) that have a single approved fire apparatus access road when all buildings are equipped throughout with approved automatic sprinkler systems.

D104.3 Remoteness. Where two fire apparatus access roads are required, they shall be placed a distance apart equal to not less than one half of the length of the maximum overall diagonal dimension of the lot or area to be served, measured in a straight line between accesses.

Exhibit P

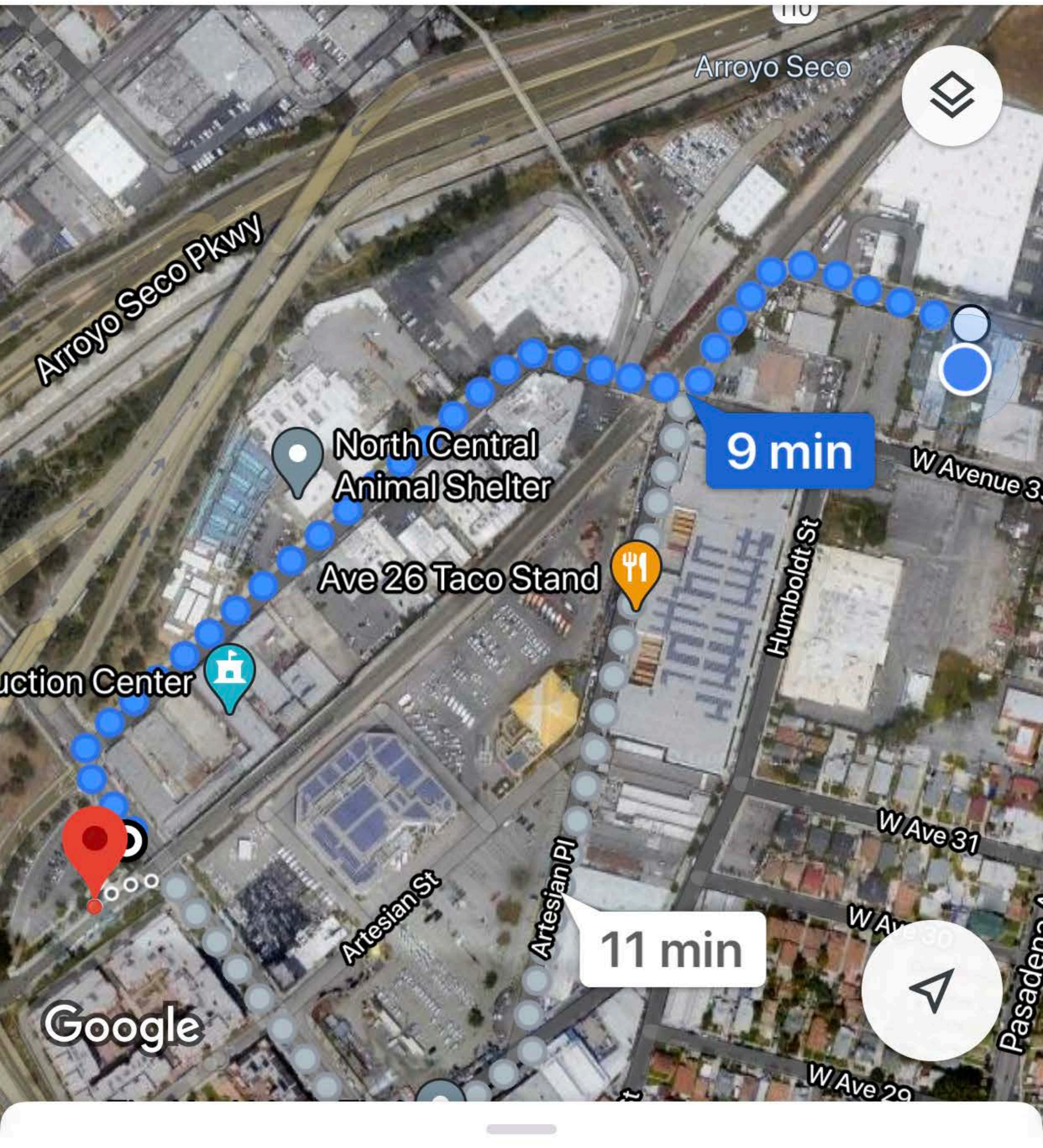
Google Maps Directions

AT&T Wi-Fi 7:14 PM 11%

Your location

Lincoln / Cypress Station

2 min — 9 min 2 min 2 mi



9 min (0.5 mi) Mostly flat.

via Lacy St

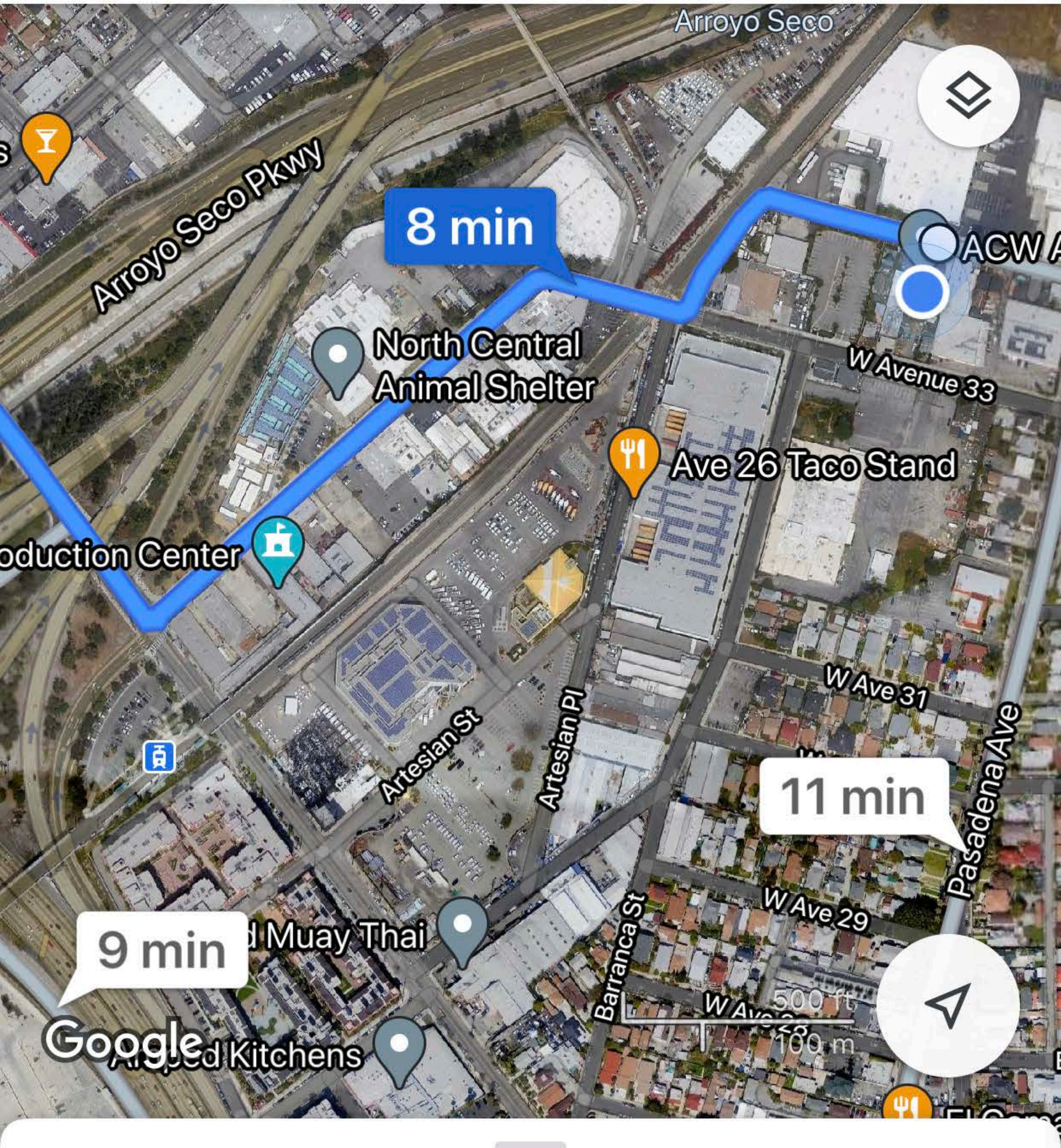
Live View

Start

Your location

Los Angeles City Hall

8 min | 20 min | 1 hr | 8 min | 17 m



8 min (3.6 mi)

Fastest route, the usual traffic

Steps

Start

Exhibit Q

New Driveway Proposal

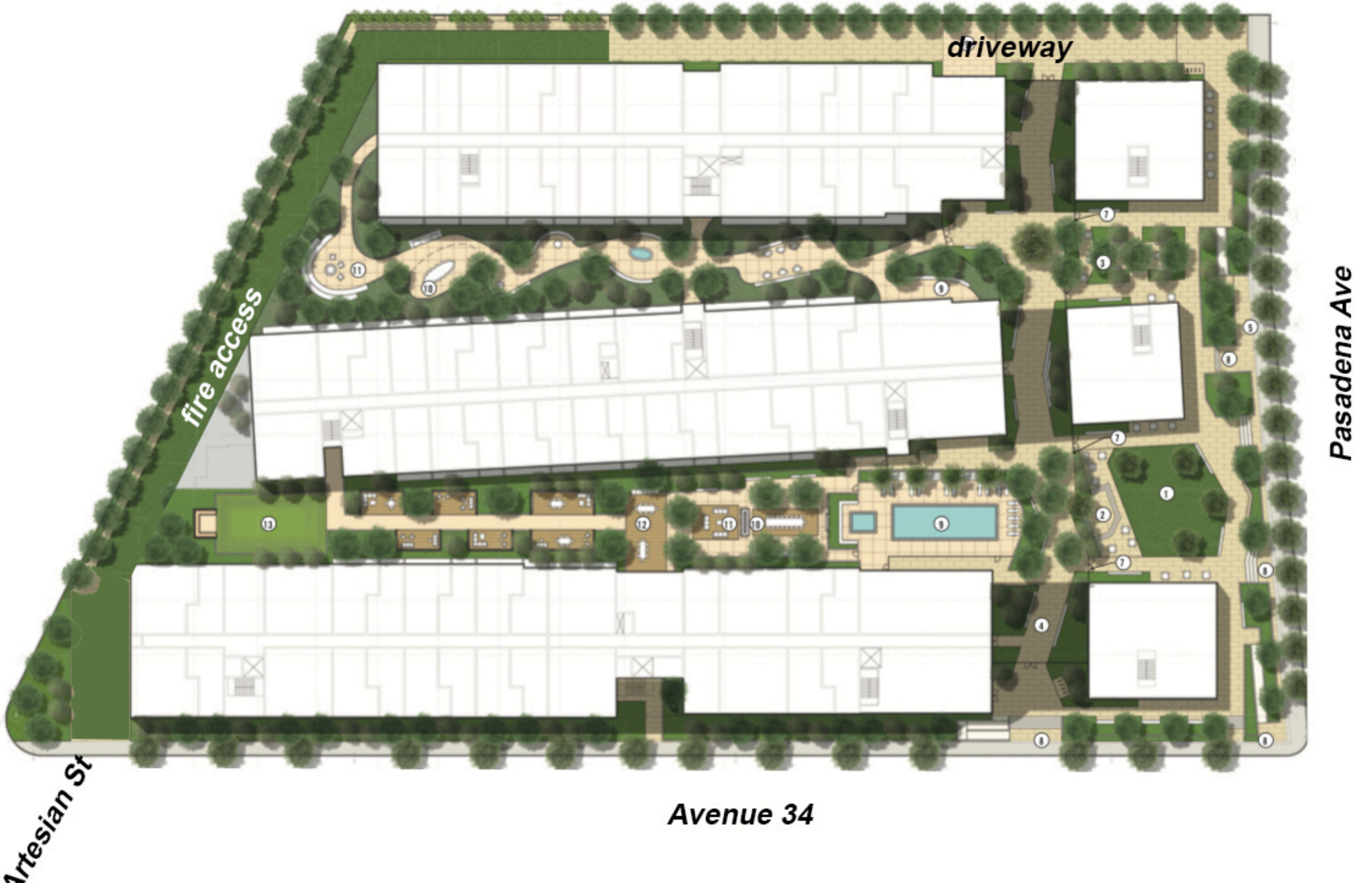

driveway
fire access
Pasadena Ave
Artesian St
Avenue 34

Exhibit R

Parking Survey

141/ 151 W Ave. 34 Proposed Project
Los Angeles, CA 90031

Prepared by Patricia Camacho, Concerned Neighbor and Property Owner

Parking Spaces = 211 Total

- W Ave. 34 = 33
- W Ave. 33 = 35
- E Ave. 33 = 28
- Pasadena Ave. (Ave. 35 and Ave. 33) = 61
- Pasadena Ave. (Ave. 31 to Ave. 33) = 27
- E Ave. 35 = 27
- Artesian St (one way, no sidewalk) = NO PARKING
- Artesian St (South of Ave. 33) = NO OVERNIGHT PARKING
- Humboldt St. = NO OVERNIGHT PARKING

-

Other Considerations

- Street Cleaning two times a week on every street listed
- Overnight parking limited in the area
- Pedestrian safety: no sidewalk on Artesian St (main access point for proposed project), no street lighting
- W Ave. 34 (main access street): difficult to make a left turn onto and off this street from Pasadena Ave. during heavy traffic
- Only 363 parking spaces will be allocated for 468 residential units
- Metro ridership continues to decline
- Other new developments in the area will also impact parking

Exhibit S

Highland Park
Historic Preservation Overlay Zone

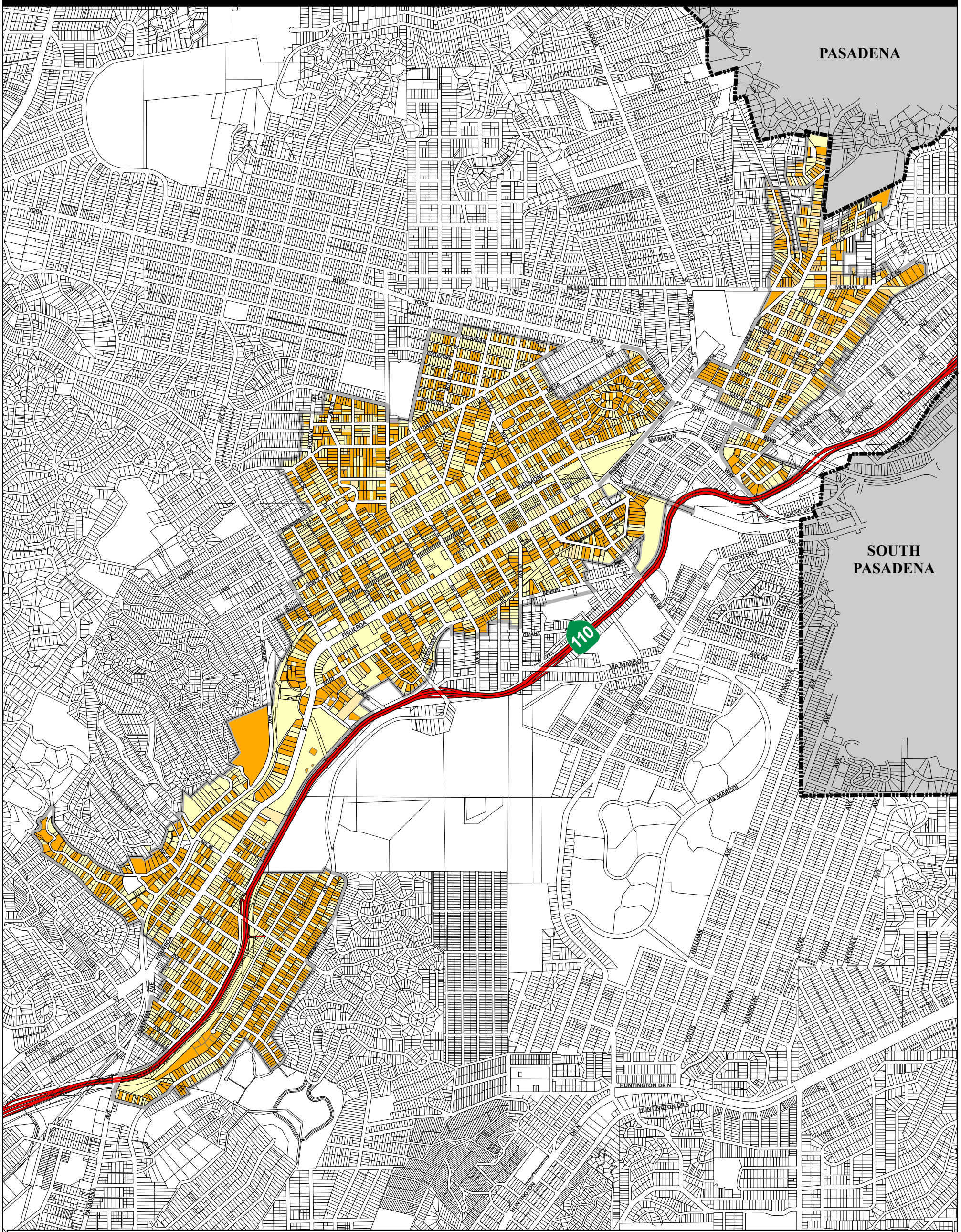
201107

Highland Park - Garvanza Historic Preservation Overlay Zone
Architectural Survey: Structure Designation

Includes Historic Context Statement

Ordinance 169,776
Adoption Date: 04-20-1994
Effective Date: 06-07-1994
CPC-1992-283-HPOZ
Council File Index 93-0700

GARVANA EXPANSION
Ordinance 181,326
Adoption Date: 09-22-2010
Effective Date: 10-08-2010
CPC-2010-943-HPOZ
Council File Index 10-2331



STRUCTURE DESIGNATION

- Contributing Feature
- Contributing Feature (Altered)
- Contributing Feature (Potential)
- Non-Contributing Feature
- Vacant Land or Undeveloped Parcel
- No Data

0 500 1,000 2,000 3,000 4,000 Feet

0 150 300 600 900 1,200 Meters

City of Los Angeles - Department of City Planning - Michael LoGrande, Director

Exhibit T

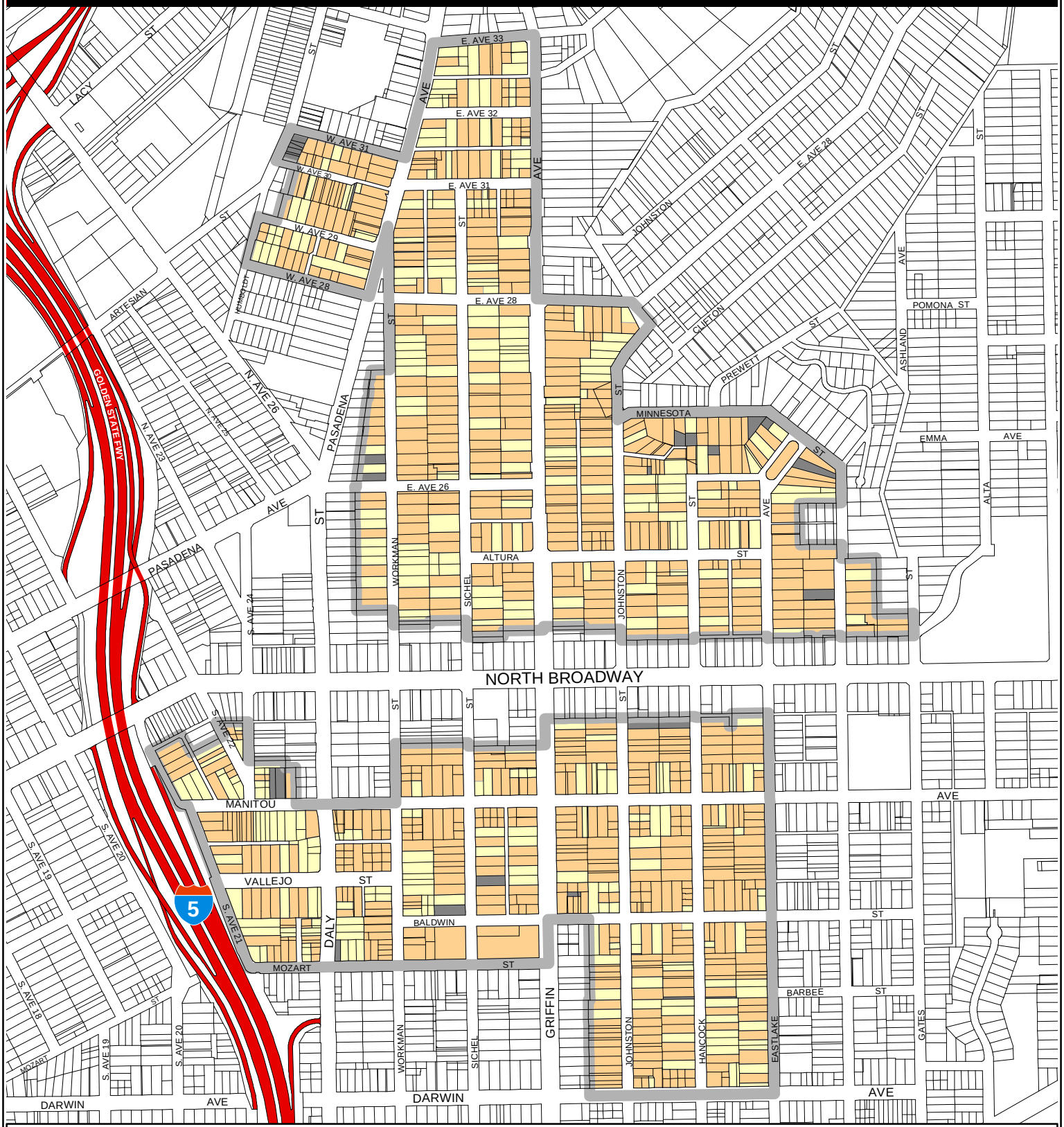
Lincoln Heights
Historic Preservation Overlay Zone

200408

Lincoln Heights Historic Preservation Overlay Zone
Architectural Survey: Structure Designation

Ordinance 176,154
Adoption Date: 08/03/2004
Effective Date: 09/22/2004

CPC-2003-5342-HPOZ
Council File Index 02-1912



Structure Designation

- Contributing Feature
- Non-Contributing Feature
- Vacant Lot or Undeveloped Parcel
- HPOZ Boundary

440 220 0 440 880 1,320 Feet

130 65 0 130 260 390 Meters

City of Los Angeles - Department of City Planning - Con Howe, Director

LOS ANGELES CITY PLANNING DEPARTMENT

CITY OF LOS ANGELES FOUNDED 1781

Exhibit U

Audit of Income-Restricted Housing

RON GALPERIN
CONTROLLER

January 23, 2017

Honorable Eric Garcetti, Mayor
Honorable Michael Feuer, City Attorney
Honorable Members of the Los Angeles City Council
All Angelenos

Re: Audit of Income-Restricted Affordable Housing Units in Los Angeles: *A Review of the City's Density Bonus Program and Overall Oversight*

How do we create more affordable housing[1] in Los Angeles? That is one of the most fundamental questions our City faces as it seeks to achieve a lofty goal of having 100,000 new units built by 2021, of which 15,000 would, hopefully, be deemed affordable.

The City has a number of policies and programs that aim to help the City achieve its goal -- among them our density bonus program[2], which is a tool used to incentivize developers to include very low, low, and moderate income housing units in their new developments. The program offers density bonuses and other incentives, such as reduced parking requirements, in exchange for a certain percentage of on-site affordable housing. Landlords utilizing the program enter into covenants recorded against title to the property that restrict the rent on the units for 55 years.[3]

But, just how effective has the density bonus program overseen by the City's Housing and Community Investment Dept. (HCID) been in achieving the construction of new income-restricted affordable units -- particularly in buildings with primarily market rate housing? How many income-restricted units were created through the program in affordable housing projects? And, how effective has the City been in monitoring and overseeing income-restricted units generally across the City?

To answer these questions, my office is today releasing an audit entitled: Income-Restricted Affordable Housing Units in Los Angeles: *A Review of the City's Density Bonus Program and Overall Oversight.*

---

[1] *For purpose of the report, and this letter, affordable housing refers to income restricted units monitored only by HCID, and excludes HACLA-overseen projects and units.*

[2] *State Law has permitted density bonuses since 1979, and since the passage of Senate Bill 1818 in 2004, CA has mandated cities offer them. Los Angeles adopted a density bonus ordinance in 2008.*

[3] *The time period for rent restriction of density bonus units was changed from 30 years to 55 years pursuant to AB 2222, signed by Governor Brown on September 2014.*

Density Bonus Law Has Not Lived Up to Its Potential

We found that 21 percent of new multi-family projects, of five units or more, built between 2008 and 2014 (169 of 790 projects) utilized some aspect of the density bonus program -- resulting in 4,463 units designated as affordable. However, just 329 of these units were created in market-rate projects throughout the City -- an arguably minimal impact when considering our overall affordable housing needs. While the Dept. of City Planning and HCID have reported higher numbers, we sought to zero in on actually completed projects and on actual units that can be attributed to the density bonus program. The data highlights the modest impact the density bonus program had on creating affordable housing in market rate projects. The results suggests that incentives may not be of enough value for market rate developers and that the cumbersome process serves as a further disincentive.

The City's Monitoring Program

Our audit also examined oversight and monitoring[4] of City's overall stock of 28,482 income-restricted units overseen by HCID. This includes density bonus units, Section 8 units, Community Redevelopment Agency project units, and other income-restricted units. The Controller's Office has mapped the locations of all such units, and can be found at www.lacontroller.org/geopanel_la. While we found reasonably adequate monitoring and a 93 percent compliance rate, better oversight tools are needed to deal with conditions we found of some owners collecting more rent than allowed and some tenants exceeding income guidelines.

Based on a thorough analysis of information available for 2014, we found the following:

- For 1,482 units (5.2%) -- landlords charged higher rents to tenants than allowable under covenants to which landlords agreed. When such circumstances are identified, HCID's contractor is charged with sending letters to owners demanding remediation.
- For 464 units (1.6%) -- tenant earnings exceeded program guidelines. In more than two-thirds of such instances, tenants reported incomes that exceeded limits by at least $5,000 per year and, in one case, by $149,000.
- For 1,056 units (3.7%) -- no one verified tenant incomes when tenants moved in.
- For 1,181 tenants, no income was reported at all.

Recommendations

To achieve better results, our auditors recommend that the City should:

- Set a target for how many affordable density bonus units it seeks to achieve in the coming years;
- Consider revising the density bonus ordinance to review the percentage set-asides and the "on-menu" and "off-menu" incentives;
- HCID should work with its contractor to better report on compliance status for each unit monitored, and better institutionalize and document policies and procedures.
- Request a legal opinion for options the City has in developing policies to transition over-income tenants out of income-restricted units.

[4] *HCID contracts with Urban Futures Inc. to conduct monitoring.*

Furthermore, I encourage the Dept. of City Planning and policy makers to explore:

- Create additional incentives that could be offered through the density bonus program. This might include additional density or permitting micro units;
- Streamline processes to enhance the experience and attractiveness of the density bonus program. This might include modifications to the current process of site plan review and expedited processing of Environmental Impact Reports;
- Conduct a legal analysis of what opportunities might exist, within the density bonus program, to allow market-rate developers to create income-restricted units off-site -- or to pay equivalent values into a fund which would build income-restricted units throughout Los Angeles.
- Review how Area Median Income (AMI) levels are defined for the purpose of the density bonus program.[5] Holding income levels to a more stringent standard than prescribed in State law is arguably preventing the City from optimizing the number of affordable units built in new developments. If the optional higher rent levels were permitted, we may be able to incentivize more developers to provide the nearly double amount of low-income units; and
- Expedite updates to the City's density bonus program pursuant to changes to California law that took effect Jan. 1, 2017. On September 28, 2016, Governor Brown signed AB 2501, AB 2556, AB 2442, and AB 1934 which amended the State Density Bonus Law. The Dept. of City Planning reports it is currently updating the City Ordinance to reflect the changes in the law. In addition, ordinance amendments will need to acknowledge AB 2280 (2008).

In Summary

The City's Density Program is not living up to its potential -- but with modifications thereto, along with enhanced oversight by the City of income-restricted affordable housing units, we can -- and must -- improve the availability of housing for all Angelenos.

Respectfully submitted,

Ron Galperin
CITY CONTROLLER

---

[5] *The State's Health & Safety Code allows to cities to designate a unit as income when it is to be restricted to tenants with incomes of 30% to 60% of AMI - or "at a level not to exceed 30% of gross income of the household", which permits a higher allowable rent level when incomes are between 60% and 80% AMI. The City of Los Angeles, however, currently takes allows a unit to count as income-restricted only if the unit is set aside for tenants with incomes of 30% to 60% of AMI. The net result of this policy is that almost every market rate density bonus developer chooses to provide very-low income units, which only require approximately HALF the amount of restricted affordable housing units to be provided.*

RON GALPERIN
CONTROLLER

January 23, 2017

Rushmore D. Cervantes, General Manager
Los Angeles Housing and Community Investment Department
1200 W. 7th Street, 9th Floor
Los Angeles, CA 90017

Dear Mr. Cervantes:

Enclosed is the final report entitled, "Income-Restricted Affordable Housing Units in Los Angeles: *A Review of the City's Density Bonus Program and Overall Oversight*." A draft of this report was provided to your Department on June 21, 2016, and we considered your staff's comments in revising the report. A subsequent draft was provided on September 22, 2016 to request your Department's formal response and action plan for the thirteen recommendations addressed to your Department. These are included in Appendix X of the report.

If you have any questions or comments, please contact me at alfred.rodas@lacity.org or (213) 978-7392.

Sincerely,

Alfred Rodas, CPA, CIA, CIG, CIGI
Director of Auditing

Enclosure

cc: Ana Guerrero, Chief of Staff, Office of the Mayor
Brenda Shockley, Deputy Mayor
Richard H. Llewellyn, Interim City Administrative Officer
Sharon Tso, Chief Legislative Analyst
Holly L. Wolcott, City Clerk
Independent City Auditors

RON GALPERIN
CONTROLLER

January 23, 2017

Vince Bertoni, Director of Planning
Department of City Planning
200 North Spring Street, 5th Floor
Los Angeles, CA 90012

Dear Mr. Bertoni:

Enclosed is the final report entitled, "Income-Restricted Affordable Housing Units in Los Angeles: *A Review of the City's Density Bonus Program and Overall Oversight*." A draft of this report was provided to your Department on June 21, 2016 and we considered your staff's comments in revising the report. A subsequent draft was provided on September 22, 2016 to request your Department's formal response and action plan for the three recommendations addressed to your Department. These are included in Appendix X of the report.

If you have any questions or comments, please contact me at alfred.rodas@lacity.org or (213) 978-7392.

Sincerely,

Alfred Rodas, CPA, CIA, CIG, CIGI
Director of Auditing

Enclosure

cc: Ana Guerrero, Chief of Staff, Office of the Mayor
Raymond Chan, Deputy Mayor
Richard H. Llewellyn, Interim City Administrative Officer
Sharon Tso, Chief Legislative Analyst
Holly L. Wolcott, City Clerk
Independent City Auditors

RON GALPERIN
CONTROLLER

January 23, 2017

Frank Bush, General Manager
Department of Building and Safety
201 N. Figueroa Street, Suite 1000
Los Angeles, CA 90012

Dear Mr. Bush:

Enclosed is the final report entitled, "Income-Restricted Affordable Housing Units in Los Angeles: *A Review of the City's Density Bonus Program and Overall Oversight."* A draft of this report was provided to your Department on June 21, 2016 and we considered your staff's comments in revising the report. A subsequent draft was provided on September 22, 2016 to request your Department's formal response and action plan for the four recommendations addressed to your Department. These are included in Appendix X of the report.

If you have any questions or comments, please contact me at alfred.rodas@lacity.org or (213) 978-7392.

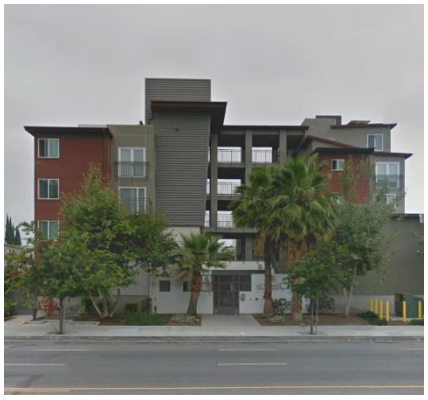
Sincerely,

Alfred Rodas, CPA, CIA, CIG, CIGI
Director of Auditing

Enclosure

cc: Ana Guerrero, Chief of Staff, Office of the Mayor
Raymond Chan, Deputy Mayor
Richard H. Llewellyn, Interim City Administrative Officer
Sharon Tso, Chief Legislative Analyst
Holly L. Wolcott, City Clerk
Independent City Auditors

A U D I T



City of Los Angeles

Audit of Income-Restricted Affordable Housing Units in Los Angeles: *A Review of the City's Density Bonus Program and Overall Oversight*

January 23, 2017

RON | GALPERIN
Los Angeles City Controller
LAController.org

CONTENTS

PAGE

SUMMARY i

BACKGROUND 1

AUDIT FINDINGS 15

SECTION I: DENSITY BONUSES: UNCLEAR BENEFITS FOR AFFORDABLE HOUSING 15

SECTION II: THE CITY CANNOT ENFORCE COMPLIANCE FOR ALL AFFORDABLE HOUSING 31

SECTION III: THE CITY IS MISSING OPPORTUNITIES TO COLLECT DENSITY BONUS RELATED FEES FROM DEVELOPERS 45

GLOSSARY OF KEY TERMS: 53

APPENDIX I: AUDIT ACTION PLAN 55

APPENDIX II: FINANCIAL SCORECARD 63

APPENDIX III: SCOPE & METHODOLOGY 64

APPENDIX IV: BENCHMARKING 66

APPENDIX V: DENSITY BONUS AND AFFORDABLE UNIT CALCULATION TABLES 71

APPENDIX VI: DETAILED MENU OF DENSITY BONUS INCENTIVES ... 72

APPENDIX VII: RENT AND INCOME LIMIT TABLES 75

APPENDIX VIII: RESULTS OF DIRECT MAILINGS TO TENANTS WHO DID NOT REPORT ANY INCOME IN 2014 77

APPENDIX IX: RESULTS OF DEVELOPER SURVEY 78

APPENDIX X: DEPARTMENTS' RESPONSE AND ACTION PLAN 79

CONTENTS

EXHIBITS:

EXHIBIT 1: DENSITY BONUS CALCULATION EXAMPLE 2

EXHIBIT 2: DENSITY BONUS ILLUSTRATION 3

EXHIBIT 3: DENSITY BONUS COMPONENTS 4

EXHIBIT 4: EXAMPLE OF DB WITH PARKING REDUCTION 4

EXHIBIT 5: HCID'S REPORTED RESTRICTED UNITS CREATED 2008-2014 9

EXHIBIT 6: APRIL 2015 HCID REPORT TO COUNCIL REGARDING SB1818 PROPERTIES AND UNITS CONSTRUCTED DURING 2008-2014 17

EXHIBIT 7: AUDITOR REVIEW OF SB 1818 PROPERTIES AND UNITS CONSTRUCTED DURING 2008-2014 17

EXHIBIT 8: EXAMPLE OF HOW THE INCREMENTAL UNITS ARE CONSIDERED FOR MARKET RATE HOUSING PROJECTS .. 18

EXHIBIT 9: THE CITY'S CURRENT DENSITY BONUS PERCENTAGE FOR LOW INCOME UNITS 23

EXHIBIT 10: URBAN FUTURES INC. ADMINISTRATION FEES 27

EXHIBIT 11: EXAMPLE OF DOUBLE MONITORING ANALYSIS 29

EXHIBIT 12: OVER-INCOME RANGES 32

EXHIBIT 13: OVER INCOME DATA STATISTICS 32

EXHIBIT 14: OVER-INCOME HOUSEHOLDS IN 2014 33

EXHIBIT 15: OVER-INCOME UNITS BY PROGRAM TYPE 33

EXHIBIT 16: UNITS WITHOUT INITIAL INCOME VERIFICATION 34

EXHIBIT 17: OVER-INCOME THRESHOLD EXAMPLE 36

EXHIBIT 18: UNITS FOR WHICH OWNERS COLLECTED MORE RENT THAN ALLOWED 38

EXHIBIT 19: OVER-RENT UNITS BY PROGRAM TYPE 38

CONTENTS

EXHIBIT 20: HCID COMPLIANCE ENFORCEMENT METHODS 38
EXHIBIT 21: OVER RENT DATA STATISTICS (FOR UNITS WITH RENTAL ASSISTANCE)..... 41
EXHIBIT 22: MONTHLY OVER RENT RANGE (FOR UNITS WITH RENTAL ASSISTANCE)..... 41
EXHIBIT 23: EXAMPLE OF VOUCHER SUBSIDY INCREASING MONTHLY RENT AMOUNT 42
EXHIBIT 24: DENSITY BONUS ENTITLEMENT APPLICATION FILING FEES..... 45
EXHIBIT 25: DEVELOPER RESPONSE RESULTS REGARDING FEE PAYMENT 47
EXHIBIT 26: AFFORDABLE HOUSING MONITORING FEES BILLED AND COLLECTED FOR 2013 & 2014 50

SUMMARY

THE ROLE OF DENSITY BONUSES IN CREATING AFFORDABLE HOUSING

Los Angeles needs more housing – both in the form of market rate units, and affordable units available exclusively to individuals and families with low incomes. Without additional units, housing costs will continue to soar, hurting other sectors of the economy and exacerbating problems such as homelessness.

One tool intended to create more housing is the City's Density Bonus program, whereby

(a) private developers can add up to 35% more units to their projects than zoning would ordinarily allow, and/or be granted relief from other zoning restrictions. In exchange, the developers agree to set-aside 5% to 30% of the total units as affordable for various levels of low and moderate income tenants;[1]

(b) affordable housing developers can also participate.[2]

State law has permitted Density Bonuses since 1979, and since the passage of Senate Bill 1818 in 2004, California has mandated that cities offer them. Los Angeles adopted a Density Bonus ordinance in 2008.

This audit focused on two main questions:

- How much additional affordable housing has the Density Bonus program actually created since 2008?

- Did the City adequately ensure that the affordable housing created through Density Bonuses and other subsidized programs stayed affordable?

Based on a review of land use covenants, from 2008 to 2014, we found that the Density Bonus program resulted in only 329 *additional* affordable housing units built in market rate developments within the City. While affordable housing developments took advantage of the Density Bonus program incentives, the land use covenants were not explicit as to how many additional

[1] The audit report refers to these as "market-rate developments/projects" built by private developers without government assistance.
[2] The audit report refers to these as "affordable housing developments/projects" that received government subsidies or financing assistance.

units were built. As a result, we were able to identify only 97 *additional* units, and while more may have been built, the data could not corroborate this.

We also found that City efforts are inadequate to ensure that affordable housing is occupied only by eligible low-income persons and that those persons are not overcharged.

The Density Bonus program should help add housing for low-income individuals and families as well as help add more market rate units. But how successful is this program?

THE MEASURABLE IMPACT ON AFFORDABLE HOUSING

In 2015, the City's Housing and Community Investment Department (HCID) HCID reported to the City Council that 4,668 affordable housing units were built in 201 projects that had participated in the Density Bonus program since 2008. However, this number included several duplicate projects, and one project that was terminated. Eliminating the duplicate and terminated projects results in 169 projects and 4,463 units. This number represented the units set aside as affordable in market rate developments as well as ALL of the income-restricted units in affordable housing projects that took advantage of any aspect of the Density Bonus program, including reduced requirements for parking spaces. It should be noted that HCID was not required to calculate and report the number of incremental[3] affordable units that were created because of the Density Bonus program.

Accordingly, we sought to determine how many additional affordable units were built only due to the Density Bonus program. This required us to review the land use covenants that HCID prepared for each of the projects. While approximately 21% of all eligible multi-family projects that were completed and available for occupancy from 2008 through 2014 took advantage of some aspect of the Density Bonus program, we determined that the program led to the creation of 329 additional affordable units within market rate projects and at least 97 additional units within affordable housing projects. We noted that private market rate developers took advantage of the program more often than affordable housing developers, building 54% (91 of the 169) of the projects.

[3] Incremental unit refers to the *additional* unit(s), i.e., above the number specified by the zoning code for a particular multi-family housing project, that were created as a result of the City's density bonus incentive.

In launching the City's Density Bonus program, policymakers did not set goals for how to measure success. To set such goals, policymakers would have to weigh the relative benefits of easing some restrictions imposed on developers, the benefit of providing additional income-restricted affordable units, and the quality of life and community concerns related to greater density.

If the City determines that the Density Bonus program should be a more significant component to addressing its affordable housing needs, options to encourage more developers will need to be explored. It is difficult to assess what incentives might need to be offered or changed to entice more developers to take advantage of the program. For example, we surveyed developers who previously participated in the Density Bonus program. While 16 of the 19 developers who responded indicated they would participate in the Density Bonus program again, one stated that the total number of bonus units was not sufficient; four said the process added too much time to their project timeline.

According to the Regional Housing Needs Assessment, the City will need 82,002 units of all sorts to meet housing demands by 2021, and 46,590 of those should be deemed affordable.

IMPROVEMENTS NEEDED IN MONITORING AND ENFORCEMENT

Land use covenants are intended to ensure that the affordable units remain affordable. They are recorded along with the property's title for a set period of time (typically 30 years per SB 1818, or 55 years per that law's 2014 revision).

In an attempt to ensure that the units stay affordable, HCID contracts with a monitor to check on tenant income and the rent charged after the units are occupied. HCID contracts for monitoring of all units within the City's affordable housing inventory.

In examining whether or not the affordable units built through the Density Bonus program in fact remained affordable, we assessed whether the City adequately monitored ALL of its affordable housing stock, so that these units remain occupied by eligible low and moderate income tenants.

The City's income-restricted affordable housing stock includes approximately 28,000 units including:

- Units within projects that received government funds through the City, such as long-term loans from the City's Affordable Housing Trust Fund and/or Federal and State housing funds;
- Units within projects that received funds from the former Community Redevelopment Agency; and
- Units created through City Land Use Concessions such as the Density Bonus, when there was no exchange of funds but the developer was relieved of some land use or zoning requirements.

The City monitors all of these affordable units through a private company under contract, and those efforts are more extensive than any other city we benchmarked. All tenants are required to report their income to their landlords, who then report that income to the City's contractor, along with the amount of rent they charged each tenant.

While it would be tedious and costly to gather this information through other means, the 2014 monitoring data raises several concerns regarding:

- **Landlords Who Charged Too Much** – In 1,482 units – or 5.2% of the affordable housing stock monitored by the City, landlords charged tenants more rent than allowed under affordable housing program rules.

- **Tenants Who Earned Too Much** -- In 464 units, which represents 1.6% of the City's affordable housing stock, tenants exceeded the income requirements for affordable housing. In some cases, the excess was small, but in more than two-thirds of the cases, tenants reported exceeding the income limits by more than $5,000. In one case, a household earned $149,000 more than the income limit.

- **Tenants Without Reported Earnings** -- For approximately 1,200 tenants, no income amount was reported. We question if all of these tenants actually earned nothing from work wages, personal businesses, unemployment/disability benefits, social security, retirement accounts, dividends or other investments.

We also found that HCID failed to verify tenant income in 1,056 units – or 3.7% of all affordable units – before the tenants moved in. While these tenants may have still qualified, HCID is supposed to ensure that landlords only rent affordable units to tenants who meet the income requirements.

Also, in 18% (5,221) of the restricted units, landlords accepted Housing Choice Vouchers (Tenant-Based Section 8 Rental Assistance) though they received other government subsidies for their housing project. While it is legal

to layer these programs, the housing vouchers are designed to help tenants occupy market rate units. When tenants with vouchers occupy restricted units, it reduces the number of affordable units that could be available to other families who do not have vouchers but still need assistance.

Cumulatively these numbers negatively impact the number of affordable housing units available to the City's low-income residents. Furthermore, while the City can compel landlords to return rent they overcharged, the City has no way to transition tenants out of affordable housing if they exceed income requirements. Given how pressing the need for housing is, more can be done to ensure that the City's restricted affordable housing stays truly affordable, and units are available to those in need.

RECOMMENDATIONS

If Policymakers determine that Density Bonus units should be a significant component of the City's affordable housing strategy, to improve the program, with an eye toward increasing the number of additional units built, we recommend:

- Exploring how to get more developers to build affordable units through the Density Bonus program, such as by possibly increasing incentives.

To improve transparency of the Density Bonus program results, we recommend:

- Better tracking of the number of market rate and affordable units that developers build.
- Simplifying/standardizing covenants and making them available online for easy public access.

To improve enforcement for all affordable housing and to make sure units go to those in need, we recommend:

- Developing policies to gradually transition over-income tenants out of affordable housing.
- Ensuring that all tenant income is properly verified.

- That Council consider restricting the use of Housing Choice Vouchers to privately-owned units.

REVIEW OF THE REPORT

On June 21, 2016 we provided a draft of this report to HCID, Department of Building and Safety (DBS) and Department of City Planning (DCP) management. We met with HCID representatives at an exit conference held on July 6, 2016 and received written comments from DBS and DCP management. We considered the comments and clarifying information provided as we finalized the report.

DEPARTMENTS' RESPONSE AND ACTION PLAN

The Housing and Community Investment Department, Department of City Planning and the Department of Building and Safety all provided a formal response and Action Plan (See Appendix X). Below is our assessment and comments pertaining to each Department.

Housing and Community Investment Department

The Department agreed with ten of the thirteen recommendations directed to the Housing and Community Investment Department, and we now consider three Recommendations (2.2, 2.3 and 6.1) as Implemented, and seven Recommendations (1.3, 1.5, 1.6, 2.1, 3.1, 3.4, and 3.6) as Partially Implemented.

HCID disagreed with three recommendations (3.2, 3.3, and 3.5) related to income thresholds and Housing Choice Vouchers.

Income Thresholds and Transitional Policies

To ensure the City's affordable housing stock is occupied by those who are in most need, Recommendations 3.2 and 3.3 urged HCID to develop a removal policy for tenants who surpass an over-income threshold, as well as a timeline for tenants to transition out of the restricted unit when they exceed the income limit. HCID expressed concern that such removal policies would create displacement in the City's tight housing market. The Department also indicated that could result in tenants' under-reporting income or disincentivizing tenants to increase their incomes in the future. The Department proposed as an alternative to work with the City Attorney to draft a policy to increase the rent paid by tenants that exceed income limits.

The intention of the original recommendation was to ensure that existing restricted units remain occupied by genuinely low-income, eligible tenants. By allowing tenants whose incomes exceed original program guidelines to remain in restricted units indefinitely and without a transition plan, those restricted units will not be available for those in greater need.

Housing Choice Vouchers

HCID also disagreed with Recommendation 3.5, to consider restricting the use of Housing Choice Vouchers (HCVs) to privately owned units. The Department indicated that it considers HCVs a source of income for tenants, and it does not want to limit access to a restricted unit based on their source of income. The Department also indicated that prohibiting the use of HCVs in City financed units would increase the existing hardship for voucher holders to find landlords who accept HCVs, due to the high rents and low vacancy rates in the City. The Department noted that the exclusion of Section 8 tenants contradicts guidelines of the HOME Investment Partnerships Program, which is leveraged with the City's Affordable Housing Trust Fund.

While we acknowledge these issues, the audit demonstrates the impact of the current policy, which results in fewer affordable housing options for eligible Los Angeles residents. If an individual with HVC rental assistance occupied an apartment outside of HCID's inventory (e.g. a privately-owned unit), two low-income households could be served. The intention of implementing the recommendation was to increase the number of units in the City available to eligible low-income residents. We urge the Department to reconsider this policy should the City's housing market become less tight in the future.

Department of Building and Safety

Management agreed with the four recommendations addressed to the Department of Building and Safety. Based on their response, we now consider all four (1.3, 1.4, 1.6 and 3.4) as Partially Implemented. The Department indicated that it is collaborating with HCID and DCP to develop or improve their information systems, which will increase the efficiency of tracking and subsequent reporting of milestones related to units created through the Density Bonus program. The Department also indicated that it plans to work with HCID to develop an automated process to ensure HCID's Occupancy Monitoring unit is immediately notified when a Certificate of Occupancy is issued for a housing project with restricted units. This will help ensure HCID's Occupancy Monitoring Unit can certify tenants' income *before* they move into the unit.

Department of City Planning

Management agreed with the three recommendations addressed to the Department of City Planning. Based on their response, we now consider all three (1.3, 1.6, and 4.1) as Partially Implemented. DCP also indicated a commitment to collaborate with HCID and DBS to improve the tracking and reporting of units created through the Density Bonus program.

Background

Studies suggest that individual families and the community-at-large benefit from affordable housing. The stability of an affordable mortgage or rent can improve childhood development, school performance and health outcomes. Further, affordable housing increases spending and employment in the surrounding economy; this spending acts as an important source of revenue for local governments, and reduces the likelihood of foreclosure and its associated costs.

The City's blueprint for meeting housing and growth is the 2013-2021 Housing Element of the General Plan. It states that from 2000 to 2010, rents increased 31% in real terms, while incomes only increased 1.2%. In 2014 the average rent for a two-bedroom/two-bathroom apartment ranged from $2,400 to $2,600.[4]

According to the Regional Housing Needs Assessment[5] (RHNA) the City will need an additional 82,002 new units through 2021 to meet demand, and 46,590 of these units (57%) should be affordable. In April 2015, the Mayor released the "Sustainability City pLAn," which directs City Departments to minimize the loss of existing affordable housing units and includes a specific goal to build 100,000 *total* housing units by 2021. In October 2015, Mayor Garcetti announced a goal to build and preserve 15,000 *affordable* units by 2021.

To be part of the City's affordable housing inventory, a unit must be restricted by both income and rent guidelines. California's Department of Housing and Community Development (HCD) establish these guidelines each year. Income guidelines consider household income and size, while the rent guidelines consider household income and number of bedrooms. To occupy a restricted unit, residents must prove they do not exceed the applicable income level limits. Likewise, the owner cannot charge more rent than the unit's associated income level.

For Density Bonus projects, three[6] categories based on the Area Median Income (AMI) dictate the income and rent limits:

- Very Low (50% of AMI)
- Low (80% of AMI)
- Moderate (120% of AMI)

[4] Realfacts Database.
[5] The Regional Housing Needs Assessment (RHNA) is mandated by State Housing Law as part of the periodic process of updating local housing elements of the General Plan. It is completed by the Southern California Association of Governments (SCAG).
[6] Some programs consider a fourth income category, Extremely Low, which is 30% of AMI.

DENSITY BONUSES

One of the tools the City uses to increase affordable housing units is the Density Bonus program. Density Bonuses are a type of ***Land Use concession***, in which there is no exchange of funds, but rather developers are relieved of some land use requirements.

The Density Bonus program allows a developer to build more residential market-rate units (bonus units) than the Zoning Code allows, ***if*** the developer commits to set aside a certain number of restricted affordable units within the project. The percent of bonus units granted depends on the corresponding income-level[7] of the affordable housing units (very low-income, low-income, or moderate-income). Conversely, the number of restricted affordable units required depends on how many bonus market rate units the developer requests to build, or the number of incentives they wish to use.

For example, if the original project includes 10 base units, and the developer requests the 10% low-income Density Bonus option, they would be required to set aside one low-income unit, (10 x 10% = 1) and they would be allowed to build two bonus market-rate units (10 x 20% = 2). The additional units that are created because of the Density Bonus can be described as "incremental units."

Incremental Unit – refers to the *additional* unit(s), i.e., above the number specified by the zoning code for a particular multi-family housing project, that were created as a result of the City's density bonus incentive.

Exhibit 1: Density Bonus Calculation Example		
Project begins with **10** base units:		
Low Income		
Set-Aside Affordable Units	Bonus Market Rate Units	Total Units After DB
10 x 10% = 1	10 x 20% =2	12

The terms of each Density Bonus agreement are formalized through a covenant agreement. When a covenant is officially recorded with the County, the restricted units become part of the City's affordable housing inventory.

[7] See Appendix V for a table of the bonus unit and income level and bonus unit for the required set-aside percentages.

THE CITY'S DENSITY BONUS PROGRAM

State law and City ordinances dictate how the City can offer Density Bonuses to developers. In 2004, the California State Legislature passed Senate Bill Number 1818 (SB 1818), which stipulated that all local governments must grant developers the option of a Density Bonus. SB 1818 also dictated:

- The terms of affordability for restricted units must be at least 30[8] years, but can be longer if required by the financing/rental subsidy programs.
- The Density Bonus option must be offered to developers of projects with 5 or more units.
- The number of bonus units can vary depending on the number of restricted units included for very low income, low income or moderate income levels. However, the percentage of bonus units cannot exceed 35% of the total units originally proposed.
- Municipalities must offer developers at least one to three incentives. While a municipality has some discretion, they must include options related to parking reductions, yard setbacks, and open space.

EXHIBIT 2: DENSITY BONUS ILLUSTRATION

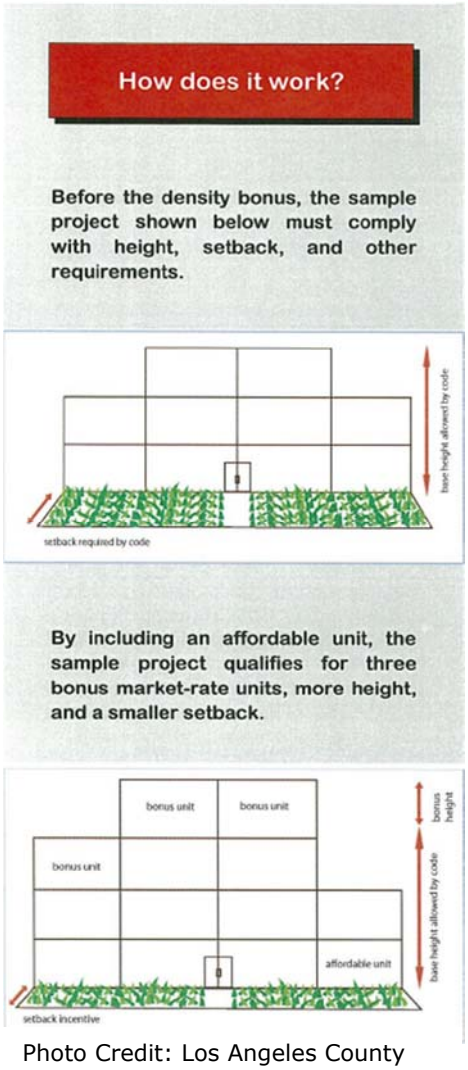


Photo Credit: Los Angeles County Department of Regional Planning

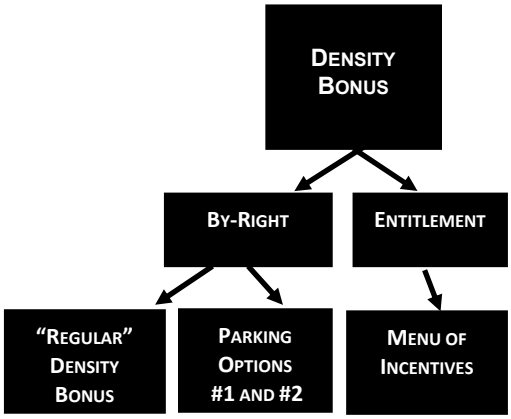
City Council approved the City's Density Bonus program[9] on April 15, 2008.

In the City, Density Bonuses usually fall under two categories, By-Right or Entitlement. These categories have different sub-programs and specific application and approval processes.

[8] AB 2222 revised the terms from 30 to 55 years, effective January 1, 2015.
[9] Ordinance No. 179681. Los Angeles Municipal Code Section 12.22

A. Density Bonus By-Right

Exhibit 3: Density Bonus Components



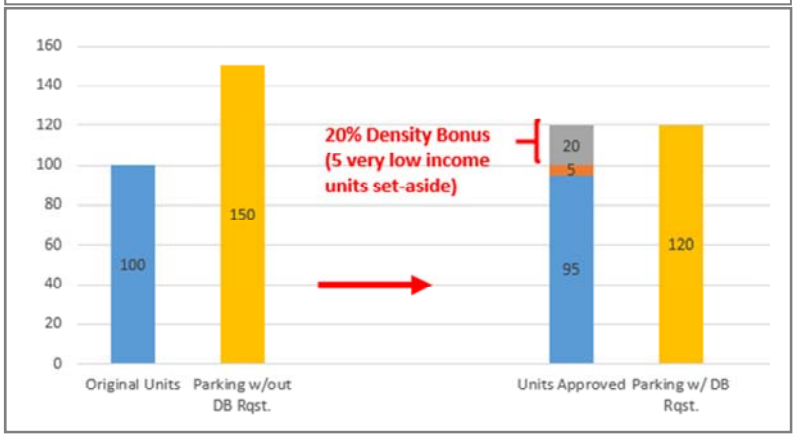
The By-Right Density Bonuses are also referred to as "ministerial", because they meet the Zoning Code and are *automatically* granted if the development is approved. Since the By-Right Density Bonuses do not require a request for relief from the Zoning Code, the developer does not submit an application to the Planning Department; rather, the developer is only required to submit the request to DBS during the building permit review process. Further, the City does not collect a fee for the By-Right Density Bonuses.

"Regular" By-Right Options

The City's Ordinance stipulates that a Density Bonus must be provided if developers agree to one of the following:

- Include requisite number of Low or Very Low Income Restricted Affordable Units
- Include Senior Citizen Housing
- Include Common Interest Development[10] with Low or Moderate Income Units, or with Low or Very Low Income units for rent
- Donate Land
- Include Child Care Facility
- Convert Multi-Unit Buildings to Condominiums

EXHIBIT 4: EXAMPLE OF DB WITH PARKING REDUCTION



By–Right Parking Reductions

A second component of the Density Bonus By-Right is the parking reduction option, in which the developer may reduce the number of parking spaces required by

[10] Common-interest developments or CIDs, include condominiums, retirement communities, vacation timeshares, and other housing developments comprised of individually owned units, in addition to shared facilities and common areas.

the Zoning Code. Since the parking reduction option is by-right, the bonus units and reduced parking are automatically approved, if they agree to set-aside affordable units.

Exhibit 4 illustrates how a Density Bonus with parking reduction works. In this example, if the developer agrees to set aside five units restricted for very low income residents, the development could include an additional 20 market rate units, ***and*** decrease the number of required parking spots by 30.

B. Entitlement Density Bonus (with Incentives)

In accordance with SB 1818, in addition to the By-Right Density Bonus options, the City offers a menu of additional Density Bonus incentives available to developers. Below is a summary[11] of the "menu" of the incentives, detailed in Ordinance No. 179681:

- up to 20% decrease from **yard/setback** requirements,
- up to 20% increase from **lot coverage** requirements;
- up to 20% decrease from **lot width** requirements;
- up to 35% increase from **floor area** ratio requirements;
- an increase in the **height** requirement equal to the percentage of the Density Bonus; and
- up to 20% decrease from **open space** requirements.

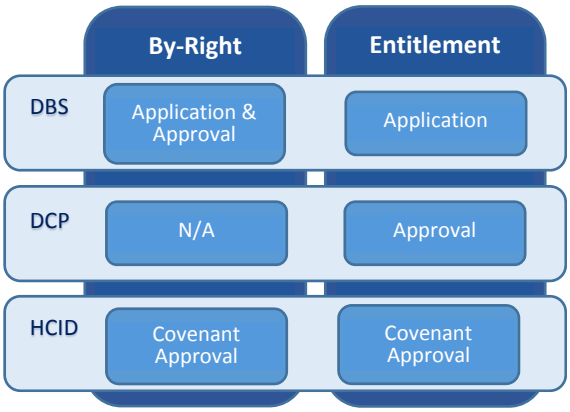
Developers may request one or more of the above incentives. Developers can also request additional incentives that are not on the list, which are considered "off-menu."

Unlike by-right Density Bonuses, developers must pay a fee to apply for these incentives. The fee depends on the type and number of incentives, and is based on the administrative costs incurred by Department of City Planning staff to review and process the application.

[11] See Appendix VI for a detailed listing of the incentives.

DENSITY BONUS APPLICATION AND APPROVAL

Several City Departments administer and oversee the Density Bonus program application and approval phases. The specific process is determined by whether a Density Bonus project is By-Right or Entitlement.



The Department of Building and Safety

A developer begins the application process with the Department of Building and Safety (DBS) by requesting a building permit.

- **By-Right**
  DBS will process requests for a by-right/parking reduction Density Bonus. For these projects, DBS staff will calculate and verify the number of units in a project; review all building plans; and approve the project. DBS staff also issue building permits so construction can begin and Certificates of Occupancy once construction is complete, prior to tenant move-in. The Certificate of Occupancy allows an owner to begin leasing/selling the units.

- **Entitlement**
  If a developer requests an entitlement Density Bonus, DBS staff refer the developer to the Department of City Planning (DCP) for all aspects of project review.

Department of City Planning
(Entitlement Density Bonus Reviews Only)

The Department of City Planning (DCP) only reviews Density Bonus applications when a developer requests entitlements in the form of incentives. During the entitlement review, DCP determines the number of restricted and bonus market rate units. The Density Bonus ordinance[12] directs staff to round-up to the next whole number of units.

According to DCP staff, most entitlement projects are large and complex. The review process of entitlement projects requires additional steps such as public

[12] LAMC Section 12.25 (c), (7) *Fractional Units*. In calculating Density Bonus and Restricted Affordable units, any number resulting in a fraction shall be rounded up to the next whole number.

hearings. These tend to lengthen the duration of the City's review and delay approval needed to initiate construction. DCP staff must also verify that the project plans comply with the City's General and Specific Plans, as well as conditions set in State law.

An assigned City Planner reviews a development case file to ensure it is accurate and complete. For entitlement Density Bonus projects the review typically includes:

- ✓ Ensuring the project complies with the Zoning Code;
- ✓ Calculating the number of bonus and restricted units;
- ✓ Conducting environmental review to comply with the California Environmental Quality Act (CEQA);
- ✓ Conducting public hearings (if required);
- ✓ Presenting recommendations to the Planning Commission; and
- ✓ Writing the final Letter of Determination, which details the outcome of the entitlement review.

According to the Department, staff does not conduct detailed pro forma analyses of off-menu incentives. DCP staff also indicated that the typical entitlement review process takes 1-2 months. While we did not audit the timeframe for the entitlement review, we did survey developers who participated in the Density Bonus program to understand their experience. We asked them if they had plans to participate in the Density Bonus program again in the future. While most of the developers who responded indicated that they would, 21% indicated that the process added too much time to their project timeline.

After DCP staff issues a Letter of Determination on entitlement projects, Public Counter staff conducts a detailed review of project plans to ensure conditions of approval and environmental mitigations have been incorporated into the project plans prior to DBS issuing a building permit.

The Director of City Planning or the City Planning Commission (CPC) authorizes the Entitlement Density Bonus projects.

- ➢ A project with one to three on-menu incentives is approved by the Director of the Department of City Planning.

- ➢ A project with more than three incentives, or incentives that are off-menu is reviewed by the CPC.

Housing and Community Investment Department

Staff at the Housing and Community Investment Department (HCID) are responsible for preparing the land use covenants which dictate the terms of the Density Bonus projects.

After HCID drafts the Covenant, the City Attorney reviews and approves it. The approved draft is sent to the owner for signature. HCID completes the approval, then sends the executed covenant to the LA County Recorder. The covenant and all its stipulations will remain on the property's title despite any change in ownership or foreclosure proceeding.

Upon project completion and covenant execution, DBS issues the Certificate of Occupancy, which initiates HCID's monitoring responsibilities.

DENSITY BONUS MONITORING

HCID monitors restricted units to ensure that tenants meet income requirements and owners comply with rent guidelines.

Urban Futures Bond Administrators (UFBA) – Occupancy Monitoring

HCID's Occupancy Monitoring Unit contracts with an outside provider, Urban Futures Bond Administrators (UFBA) to monitor all of the City's designated restricted units. The most recent contract for calendar year 2014, totaling $680,000, was awarded through a Request for Proposal (RFP) in 2013. The contract was amended in December 2014, to extend through calendar year 2015, and increased the amount by $710,000, for a total of $1,390,000. Funding for the contract is derived from the Municipal Housing Finance Fund (MHFF) and the Federal HOME Investment Partnerships Program (HOME) Fund.

Reported Density Bonus Units

In May 2014, a council motion (Council File 14-0692-S1) instructed HCID to prepare a report responding to questions related to the affordable units that were produced since the City implemented the Density Bonus ordinance. In April 2015, HCID reported that 201 Density Bonus properties with 4,668 affordable housing units had been constructed since 2008 pursuant to the City's Density Bonus Ordinance.

HCID also reported that 73% (3,400 of 4,668 units) were within affordable housing developments; while 27% (1,268 of 4,668 units) were within market rate developments, and the vast majority of the units were occupied by low-income families (e.g., in 2014 a family of four with income of $68,300, or less.)

Exhibit 5: HCID's Reported Restricted Units Created 2008 - 2014							
Number of SB 1818 Properties	Very Low Income		Low Income		Moderate Income		Total
201	899	19%	3,693	79%	76	2%	4,668

The report also indicated that most of the restricted affordable units were located in Council Districts 1, 9 and 13.

However, as described in Finding 1, HCID's reported number of projects and restricted units did not show the impact of the Density Bonus program on the City's affordable housing stock, in terms of *additional* units created.

Specifically, we found that HCID reported the total restricted affordable units within the developments that took advantage of the program, without distinguishing the number of added bonus units that were restricted as affordable. Our review of the covenants identified 169 SB 1818 properties that were constructed from 2008 thru 2014, which generated 329 additional affordable units within market rate projects and at least 97 additional units within affordable housing projects.

While the Density Bonus program requires the developer to set aside units for very low, low or moderate income tenants, generally, only the market rate developments incrementally added to the City's affordable housing stock. In contrast, with few exceptions, affordable housing developments seemingly continued with the same number of planned affordable units, but requested other incentives available through the program, such as parking reductions. In those cases, we could not determine if there was an *incremental* increase to the City's affordable housing stock resulting from the Density Bonus.

We also reviewed every covenant in detail to determine the number of projects built by private developers (i.e., without government assistance) compared to subsidized affordable housing projects that participated in the City's Density Bonus program.

- 54% (91 of 169) of the Density Bonus projects were built by private developers; while,
- 46% (78 of 169) of the Density Bonus projects were affordable housing projects that received other financial subsidies through the City or other government agencies.

Density Bonuses Have Evolved

Prior to the City's formal Density Bonus program, restricted units were approved through Land Use Entitlements, such as Conditional Use Permits or the Mello Act.

- ✓ The Department of City Planning issues **Conditional Use Permits** which allows the City to consider land use options that are otherwise not allowed within a Zone.

- ✓ The **Mello Act** dictates that if existing restricted housing units in California's Coastal Zone are converted or demolished, the low and moderate income designated units must be replaced. Further, if a new housing development is built, it must include restricted units.

Most recently, in September 2014, the California State Assembly approved Assembly Bill 2222 (AB 2222), which modified SB 1818, and requires developers applying for Density Bonus projects to adhere to the following:

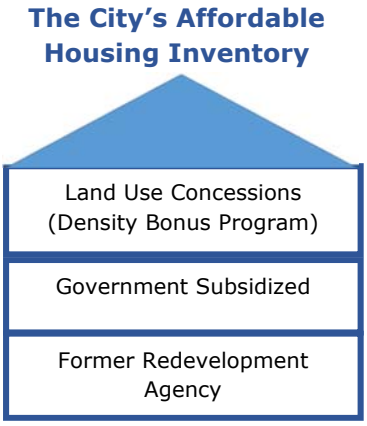
- The term of affordability must be 55 years or longer for all very low and low-income units (an increase from 30 years required by SB 1818); and

- For new or redevelopment of buildings with existing rent restricted units, owners must replace those units with the same number to be made available for, and occupied by, persons and families in the same or lower income category.

AB 2222 Implementation Concerns

The Department of City Planning and the Housing and Community Investment Department are considering a revised Density Bonus ordinance to incorporate AB 2222. However, there is controversy regarding the implementation of AB 2222 because of its requirement to replace existing, as well as any demolished, affordable housing units associated with the City's Rent

Stabilization Ordinance (RSO).[13] The RSO was designed to protect tenants from excessive rent increases while allowing landlords a reasonable return on their investments. Although subject to rent limits, RSO units are not income restricted and can be occupied by any household. Consequently, they differ from the City subsidized or Land Use Units that require an affordable housing covenant and are subject to monitoring activities.



Currently, developers may invoke the California Ellis Act provision to remove RSO regulations from a rental unit by demolishing it altogether, permanently removing it from the housing market, or keeping it vacant for 5 consecutive years. By demolishing and then rebuilding a new rental unit, a developer can circumvent the RSO. As such, there is concern that if the City implements an AB 2222 ordinance that requires developers to replace all existing/demolished RSO units, this would discourage developers from utilizing Density Bonuses. There are also questions about whether all RSO units should be maintained as affordable, since some RSO units are not below market rate. For example, if an RSO unit is vacated and re-rented every year when a rent increase is permitted, the Owner can maintain market-rate rent, thereby the unit is not part of the broad population of "affordable" housing.

THE CITY'S AFFORDABLE HOUSING INVENTORY

The Density Bonus program, and other Land Use Concessions are part of the City's larger effort to provide affordable housing. The City also offers affordable housing through Government Subsidized programs (which directly finance affordable housing units) and through units inherited from the former Community Redevelopment Agency (which used to help finance units in economically blighted zones.)

➢ GOVERNMENT SUBSIDIZED

The Housing and Community Investment Department of Los Angeles (HCID) helps to administer various types of funding including Community Development Block Grants (CDBG) and HOME Investment

[13] The Rent Stabilization Ordinance became effective May 1, 1979. Generally, landlords are allowed to increase the rent 3%-8% every 12 months in accordance with the annual rent increase percentage, which is based on the Consumer Price Index (CPI).

Partnerships Program[14] to preserve or build affordable housing for low-income residents. HCID uses the City's Affordable Housing Trust Fund Program (AHTF), to administer the majority of this funding, which provides long-term loans through a competitive process to developers, typically non-profit organizations that focus on affordable housing. The Department also acts as "pass-through" funder for State-issued bonds, which provide financing for affordable housing projects.

Developers generally leverage the City funds with other sources of funding to build rental units for low and very low-income households. HCID's projects and programs are categorized as follows:

i. **Major Projects** - New construction or major rehabilitation projects, funded through the AHTF.

ii. **Housing Opportunities for People with AIDS (HOPWA)** – HOPWA funds are leveraged to develop new permanent supportive affordable housing for persons living with HIV/AIDS and their families.

iii. **Bond Projects** - Newly constructed units developed using funds made available through the sale of multi-family housing revenue bonds.

iv. **Neighborhood Preservation Program (NPP)** - The NPP includes rehabilitation/preservation of smaller properties.

v. **Homeownership Programs** – though not for rental units, these homeownership loans are primarily financed through several programs, including:

- The HOME Program;
- The Neighborhood Stabilization Program (NSP); and
- The 2014 Low Income Purchase Assistance Program (LIPA)

➢ **FORMER COMMUNITY REDEVELOPMENT AGENCY (CRA) PROJECTS**

The Community Redevelopment Agency (CRA) was created in 1948 for the purpose of addressing blight within the City of Los Angeles, by

[14] The U.S. Department of Housing and Urban Development administers the CDBG and HOME funding.

building affordable housing, creating living-wage jobs, developing commercial and industrial sites and making public improvements. However, in 2011 California dissolved[15] Redevelopment Agencies to help mitigate the State's deficit. Subsequently, in June 2012, HCID became the successor entity for the CRA and is now responsible for enforcing the income compliance for all of the pre-existing CRA affordable housing units. The City's Earthquake Emergency Loan Program units also fall under the former CRA portfolio.

- **Earthquake Projects** –The projects are primarily rehabilitation projects financed with other HUD funds.

"Layered" Units

HCID cannot readily determine the number of individual affordable housing units because many units are layered. "Layered" units are located in housing projects with/subsidized by multiple financing programs. Layered units are routinely monitored and "counted" more than once since HCID monitors affordable housing according to the program that created or financed the unit. For example, a CRA project might also have received a Density Bonus. In this case, it may be monitored in accordance to the Density Bonus guidelines and the CRA guidelines. For example, as of Spring 2016, HCID's portfolio consisted of an estimated 40,218 units. In contrast, our audit determined that there were 28,482 unduplicated units based on 2014 monitoring data. HCID's inventory does not include all of the affordable units administered by the Housing Authority of the City of Los Angeles (HACLA).[16]

Audit Objectives

The overall objective of this audit was to evaluate the effectiveness of the City's application and monitoring processes for Density Bonuses as related to affordable housing. The audit focused on the Density Bonus application and approval process through the Department of City Planning, the Department of Building and Safety, and the Housing and Community Investment Department.

[15] The State of California dissolved all Redevelopment Agencies throughout the State with the passage of Assembly Bill 1X26, which took effect February 1, 2012.

[16] HACLA's portfolio includes 79,379 units, which consist of Public Housing Units, Housing Choice Vouchers, Project Based Section 8 properties and other housing assistance program units. Source: HACLA's 2016 Final Agency Plan.

Background

While the scope of this audit focused on the Density Bonus program, we also reviewed the monitoring and enforcement processes for all of the City's affordable housing programs, as managed by HCID.

The audit also included benchmarking and an assessment of related practices of other jurisdictions and agencies.

A survey was sent to developers regarding their experience and opinions regarding the City's Density Bonus program, and a direct mailing was sent to tenants who reported $0 income in 2014, in an effort to collect their earned income amount.

Findings and Recommendations

Section I: Density Bonuses - Unclear Benefits for Affordable Housing

Given the City's housing shortage, proponents of the Density Bonus program view it as an important tool to increase the number of housing units throughout the City. Some may also consider the Density Bonus program an optimal and cost-effective way to increase affordable housing, since the City does not directly contribute public dollars to construct these units. However, there are other issues and indirect costs involved. Critics indicate that the Program accelerates growth and strains the City's infrastructure, including public safety services, roads, schools, and the sewer and water delivery systems. Opponents also voice concern that additional development changes community character. These views have led to public debate regarding density in general.

The City is required by State law to implement a Density Bonus program; therefore, the question is not whether the City should administer a program; rather, what are the quantitative goals of the program, and what is the City's strategy to achieve those goals?

Our audit sought to evaluate the success of the Density Bonus program, but this was difficult because policymakers have not set unit goals or criteria by which to measure its success. While it may have been assumed that the program would create additional housing in the City, including restricted affordable units, it is unclear to what extent the City intended to rely on the Density Bonus program to generate additional income-restricted units to increase the City's supply of affordable housing.

In approving the City's land use regulations, and more specifically, the provisions of the Density Bonus ordinance for by-right development as well as for each entitlement application submitted through City Planning, policymakers must weigh the relative benefits of easing some restrictions imposed on developers, with the benefit of providing additional income-restricted affordable units, while also considering quality of life and community concerns relative to density. Public policy, as effected through ordinances and related program goals, should clarify what the City is willing to provide to help meet the housing needs of residents through increased density.

We identified shortcomings that have prevented departments from providing the data needed by policymakers to inform a strategy and specific goals for the Density Bonus program. Without this information, policymakers do not

have a baseline that would inform a strategy or specific goals for the City's Density Bonus program or allow for adequate program evaluation in the future.

Finding No. 1: None of the administering Departments separately track or report the number of additional units, including the incremental affordable housing units, generated by the Program. Further, the City does not effectively track applications and approvals for Density Bonuses and only began tracking the Land Use restricted affordable units in 2008.

As a result, the City cannot measure the impact of the Density Bonus program. Specifically, it cannot determine the number of bonus units (as either restricted affordable or at market rate) the program has generated. Nor can it assess how the various concessions provided to developers are actually increasing the City's affordable housing stock.

The City Cannot Identify the Number of Density Bonus Units Created

In May 2014, a council motion (Council File 14-0692-S1) instructed HCID to prepare a report responding to questions related to the affordable units that were produced since the City implemented the Density Bonus ordinance. Approximately one year later HCID reported that 4,668 affordable housing units had been constructed since 2008 pursuant to the City's Density Bonus Ordinance, and most of the affordable housing units were located in Council Districts 1, 9 and 13.

However, based on our review, we found a compilation error with HCID's number of SB 1818 projects reported to City Council, and the categorization of some projects as affordable housing vs. market-rate.

Project Count

During our review of HCID's analysis of SB 1818 projects, we found that the Department's project count included duplicate projects and a terminated covenant.

Once these were removed, we identified 169 SB 1818 properties constructed from 2008 thru 2014, as opposed to the 201 reported.

Exhibit 6: April 2015 HCID Report to Council Regarding SB1818 Properties and Units Constructed during 2008 - 2014	
Total Number of Properties	Total Number of Affordable Units
201	4,668

- *Duplicate Projects*
  HCID manually entered project data in separate excel worksheets and tabulated totals incorrectly. We identified this error by consolidating all of the worksheets and running a duplicate check based on the covenant number and address.

- *Terminated Covenant*
  The Department also included a project that was not a part of the City's Density Bonus program. Staff explained that prior to construction, the developer pulled the building permits for the project and terminated the Density Bonus covenant. However, HCID had not removed the covenant from the list of active Density Bonus projects.

Exhibit 7: Auditor Review of SB1818 Properties and Units Constructed during 2008 - 2014	
Total Number of Properties	Total Number of *Incremental* Affordable Units
169	329 Market Rate projects At least 97 Affordable projects

Project Categorization

During our review of the 169 covenants we also noted the funding sources used to finance the projects to determine the number of ***projects*** built by private developers without government assistance (considered market rate developments), compared to subsidized affordable housing projects that participated in the City's Density Bonus program. We found that some of the projects had to be re-categorized and found:

- 54% (91 of 169) of the Density Bonus projects were built by private (market rate) developers; while,

- 46% (78 of 169) of the Density Bonus projects were subsidized affordable housing projects.

This provides some perspective regarding the participation in the Density Bonus program. Our review found that private developers participated in the program at a slightly higher rate than affordable housing developers.

Incremental Restricted Units

While Council did not specifically request the incremental (new, our "bonus") units generated through the program, we reviewed each of the covenants in an effort to show the effect of the Density Bonus program on the City's affordable housing stock. Since the incremental restricted units are not specifically tracked, we had to review the descriptive language included in the covenants, and calculate the units when the information was available. We identified 329 additional affordable units within market rate projects and at least 97 additional units within affordable housing projects, were generated through the City's Density Bonus program from 2008 thru 2014.

Incremental Restricted Units within Affordable Housing Developments

HCID reported 4,668 affordable units were generated through the Density Bonus program and were restricted under a land use covenant. The Department reported in their count generally *all* of the restricted units within the affordable projects that participated in the Density Bonus program, because those were the total number of restricted units cited in the land use covenants.

For example, if a subsidized affordable housing project also received a Density Bonus allowing it to build 12 units rather than 10 as originally planned, all are restricted as affordable, and HCID tracked and reported all 12 as restricted for land use purposes.

However, for this example, we reported the two additional (i.e. incremental) units as a means to measure the true impact of the Density Bonus program on the City's affordable housing inventory.

Alternatively, if a project is for market-rate units, only 1 of the units within the 10 originally planned (base) number of units would be set aside as affordable, while 2 additional bonus units would be rented at market rate.

Exhibit 8: Example of How the Incremental Units are Considered for Market Rate Housing Projects

Base Units	Required set-aside affordable units	Bonus/Incremental Units			Total Units After DB
10	10% x 10 = 1 Unit	10 x	20% =	2	12
This 1 affordable unit is within the 10 base units		***Ideally, HCID would be able to report these 2 units***			

Our review noted that most of the subsidized affordable housing developments that took advantage of the Density Bonus program did so to realize parking reductions, rather than to build bonus units. In some cases, according to City staff, a subsidized project may not have been viable without a Density Bonus concession; however, the covenants do not clearly identify when this is the case. While more incremental units may have been created as a result of the Density Bonus program, an exact number could not be determined as part of this audit. None of the City departments involved (i.e. HCID, DBS or DCP) distinguish the base number of units the project had prior to obtaining the Density Bonus in any of the application documents, the incremental units are not separately tracked.

Lack of Tracking Prior to 2008

HCID and DCP staff indicated that prior to the formal Density Bonus ordinance in 2008, Density Bonus units may have been granted to Owners through Conditional Use Permits and the Mello Act. This was attributed to the fact that the City did not adopt an ordinance to implement the Density Bonus program until 2008, even though the State passed the Density Bonus statute in 2005. Thus, between 2005 and 2008, no policies were in place to administer the Density Bonus program. DCP management explained that Planners reviewed Density Bonus cases using the Conditional Use Permits criteria (LAMC Sec. 12.24) and/or Public Benefit Projects (which require a covenanted agreement, per LAMC Sec.14.00).

HCID also expressed concern regarding the complete inventory of Density Bonus units. Staff indicated that there have been instances when Owners have called to ask questions about a covenant (restricting the income eligibility or rent) tied to their property, but HCID did not have a record of the covenant in its databases or files. If HCID does not have a record of the covenant, they cannot track or monitor the associated units. In 2010, HCID hired a new Manager for the Land Use unit who established a process to track covenant information in order to report on the total number of units created within each income level and affordable housing program. The ability to track Density Bonus units has since improved; however, there are still information system limitations.

Evaluating the Success of the Density Bonus Program Requires Consistent Data Collection and Adequate Systems

Standard Covenant Language

Identifying the incremental units required a detailed review of each of the 169 covenants because the covenants have different language and describe the incentives in different ways. For example, some of the covenants include a Density Bonus percentage and others do not. While recent covenants appear more standardized, the information still varies; a standardized template would allow HCID to more easily collect consistent data. As such, HCID should work with the City Attorney to standardize the Density Bonus covenant templates. Further, in order to facilitate transparency and ensure the terms of the covenants are known to the owners and the general public, HCID should post executed covenants on the departmental website.

Multi-Department Effort – Disjointed Systems

Multiple databases and systems also hinder the administering department's efforts to effectively track and report on the Density Bonus program. Since these databases and systems do not interface, departments cannot easily identify the total number of bonus market rate units the City has approved, nor the number of restricted affordable units gained over time. Significant manual effort is required to determine the number of restricted and bonus units developed as a result of the Density Bonus program. Further, although City staff indicated that the vast majority of the Density Bonus requests are granted, no department analyzes the approval rate for the Density Bonus requests – whether *By-Right* or *Entitlement.*

Each of the three departments that administer Density Bonuses (DBS, DCP and HCID) has its own information systems/databases to track its role in the review, approval, and monitoring process. However, none of the systems can compile summary metrics that would help evaluate the Density Bonus program overall.

- *Department of Building and Safety*
    - *Plan Check Inspection System (PCIS)*

      DBS uses the Plan Check and Inspection System (PCIS) to track the Plan Check process, clearances, Building Permits, and Certificates of Occupancy for all types of development.

Within PCIS the Density Bonus project applications are identified by the clearance description field: "Housing Density Bonus". However, PCIS is limited in its capability to *identify* restricted units, bonus units, and incentives, and to distinguish whether a project is By-Right or Entitlement. Although this information can be found in narrative fields, it cannot be extracted for summary reporting.

- *Department of City Planning*

  - *Planning Case Tracking System (PCTS)*

    The Planning Case Tracking System is used by DCP staff to track development projects with entitlement Density Bonus requests. In addition to capturing necessary planning information such as lot size and zone information, PCTS tracks fee-related information, and review process milestones.

    In response to the Mayor's 2014 housing initiative, DCP is implementing changes in PCTS to distinguish the number of affordable units from market rate units approved. PCTS will also be able to track the number and type of units at three stages of development: application, approval, and construction. While this will help provide data regarding the Density Bonus program, it will only report on projects developed since July 2013. As a result, it will not allow DCP to evaluate the effectiveness of the Density Bonus program since its inception in 2008.

- *Housing and Community Investment Department*

  - *Housing Information Management System (HIMS)*

    The Housing and Information Management System (HIMS) is a web-based system developed internally by HCID in 2008 to maintain information for the entire affordable housing stock that is funded and monitored by HCID.

    While HIMS has a module to track its monitoring of government subsidized units, it lacks a separate module to track project details such as the number of market rate versus restricted units within a Density Bonus project. HIMS cannot report the number of units

in a Density Bonus project, or the significant details of the overall program. Consequently, the Land Use unit uses a separate Access database and Excel spreadsheets to record Density Bonus project details. These disparate databases make it difficult to efficiently aggregate Density Bonus data.

- *Land Use and Environmental Services Unit Access Database*

  HCID's Land Use Unit uses the Land Use Access Database to track land use covenants. It includes information on the housing program, project name and address, project description, and unit description (floating/fixed, set-aside units, income requirements, number of bedrooms, etc.). However, based on our review of a sample of projects, the database is incomplete.

- *Land Use and Environmental Services Unit Excel Spreadsheets*

  HCID's Land Use Unit Manager uses Excel spreadsheets to track the total number of Land Use covenants and related restricted affordable units by income level. The spreadsheets also distinguish between the market rate and City subsidized Density Bonus units, but it does not distinguish the By-Right and Entitlement projects.

Since there are multiple databases that track Density Bonus applications and approvals, a universal tracking number, which would standardize project identification numbers throughout all databases, could facilitate the application and approval rates. However, a unique identifier does not solve the problem of free-form, narrative fields that cannot be queried to yield quantitative reports. Similarly, incentives granted through the Density Bonus program are also tracked in free-form text fields, so they cannot be easily aggregated or reported either.

Further, while DCP and DBS track Density Bonus applications in their respective systems, neither department reports on the number of Density Bonus applications or approvals in a consistent or meaningful way; nor does either department use the numbers to report on the Density Bonus program overall.

HCID tracks the number of approved Density Bonus applications as they execute the covenants, but it does not have efficient processes to track and report on the Density Bonus projects and units. Due to the lack of

comprehensive data collection (prior to 2008), system integration and consistent, robust data collection, none of the departments can ensure that the various concessions provided to developers are actually increasing the affordable housing stock, or market rate housing stock.

Review the Percentage Set-Asides and Menu of Incentives

Since the City has not set unit goals for the Density Bonus program, and the administering departments are considering how to implement AB 2222, (pg. 10) it is an ideal time to review the percentage set-asides and the on-menu incentives developers have requested to identify which have resulted in producing incremental affordable units. One of the developers who responded to our survey stated that the number of bonus units was not sufficient. Reviewing the incentives and units generated by them would allow policymakers to determine whether or not the Density Bonus ordinance should be revised to maximize the number of additional units it generates. For example, since we found that most affordable housing developers participated in the program to realize parking reductions, should the City mandate that affordable housing developers build additional incremental affordable units when they utilize a parking reduction? In addition to the type of incentives, City stakeholders could also consider revising the current affordable and bonus percentages in the ordinance in an effort to attract more developers. More developers may participate if the percentages of Density Bonus units allowed increased.

In order to determine the impact of the Density Bonus program on the City's housing stock, both as affordable restricted and at market rate, policymakers must first identify the goals of the program, and what a successful program will accomplish. Once these have been decided, DBS and DCP should work with HCID to track the number of units a developer proposed **prior** to the Density Bonus calculation and the number of approved incremental bonus units, and separately identify those additional Density Bonus units as restricted affordable units, or market rate units to determine the impact of the program.

Exhibit 9: The City's Current Density Bonus Percentage for Low Income Units

% Low Income Units	% Density Bonus
10	20
11	21.5
12	23
13	24.5
14	26
15	27.5
16	29
17	30.5
18	32
19	33.5
20	35

Recommendations

If policymakers determine that Density Bonus units should be considered a significant component of the City's affordable housing strategy, Mayor and Council should:

1.1 Set a target goal for the number of incremental restricted units the Density Bonus program is expected to generate. This will allow for periodic evaluations to review the success of the City's Density Bonus program, and its impact on the City's affordable housing inventory.

1.2 Request an analysis from DCP/DBS/HCID identifying the percentage set-asides and the on-menu incentives requested by developers in prior Density Bonus projects to determine which have been most effective in encouraging Developers to participate in the Density Bonus program, and consider revising the ordinance to increase outcomes.

To accurately determine the impact of the Density Bonus program on the City's affordable housing inventory, DCP, HCID and DBS should:

1.3 Work together to track the number of units a developer proposed prior to the Density Bonus calculation (base units) and, the number of approved incremental bonus units. In addition, separately identify bonus units as either market rate or restricted as affordable, and determine the incremental affordable units that are created through the program.

To enable reporting on the types of Density Bonus units that were requested, approved and constructed, DBS Management should:

1.4 Consider updating the Plan Check and Inspection System similar to the updates the Department of City Planning is incorporating in the Planning Case Tracking System.

HCID Management should:

1.5 Develop a standardized template for the Density Bonus covenants. Also consider making each recorded covenant publicly accessible and mapping each project location on the Department's internet site.

To overcome report shortcomings and evaluate the effectiveness of the Density Bonus program, DBS, DCP and HCID should:

1.6 Consider developing and using a unique identifier for all projects that can be used by all departments involved in administering development projects. This would enable stakeholders to track the projects' progression and report on the status of various milestones.

Finding No. 2: HCID does not report the occupancy compliance rate (income and rent) of the restricted units under the Density Bonus program or the City's entire affordable housing inventory to stakeholders.

Therefore, the City lacks assurance that its entire Affordable Housing inventory actually remains affordable, and in line with the goals of the program.

Data collection and accurate reporting is critical for the transparency of public policies and programs. In addition to providing information regarding the City's progress towards the development of affordable housing, as discussed in the previous finding, Density Bonus program data can help assess compliance with income and rent guidelines. This information would help stakeholders determine if the program is helping meet the need for affordable housing in the City, and assess whether or not resources are maximized.

The City has made a substantial effort to monitor and enforce affordable housing guidelines, but the information collected is not being used in the most constructive manner because HCID is limited in its ability to trend the compliance of any one program type or project, and the department does not summarize results to analyze the occupancy monitoring compliance rate. Further, HCID does not formally report the compliance rates of the units in the City's affordable housing inventory to stakeholders, because the current systems used by the Department and its contracted Monitor, Urban Futures Bond Administrators (UFBA) do not have the ability to aggregate the total number of restricted units that exceed income and/or rent limits.

UFBA's Case Management System (CMS)

UFBA developed their proprietary Case Management System (CMS) in 2012, and primarily uses it as a repository for documents related to tenant income and rent. On an annual basis, owners are required to report tenants' annual income and provide rent rolls to UFBA.

While the process differs for each affordable housing program, once CMS is updated with the required documents, UFBA reviews as follows:

- Annual Occupancy Summary **-** Owners complete an "Occupancy Summary," which documents the annual income for residents in restricted units and the rent paid by the tenant. Any subsidies[17] that contributed to the total rent are also noted. The Occupancy Summary is also intended to note changes in household composition and/or new tenants. Once completed, the Occupancy Summary is uploaded to CMS.

- Based on the Occupancy Summaries, UFBA determines whether the unit complies with rent and income guidelines. UFBA's assessment is reflected in a Project Overview report, which lists each unit, the associated income and rent amount, as well as the compliance status.

Each month, UFBA bills HCID for each unit monitored by submitting an invoice and the Project Overview reports to support the work completed.

CMS is a critical tool because it can track compliance/non-compliance at the project and unit level. Although each unit is reviewed in detail by UFBA at least once a year, and the compliance information is in CMS, HCID does not request or review the data in an aggregated manner.

Although UFBA logs monitoring details for each restricted unit, CMS is not currently programmed to run compliance/status reports. For example, to obtain information for our data analysis, UFBA had to ask their CMS developer to compile a database with the monitoring information for each unit monitored during 2014.

EXHIBIT 10: URBAN FUTURES BOND ADMINISTRATION FEE SCHEDULE

Program	Fee
Bond Only	$17
Major Projects (MP)	$27
Neighborhood Preservation Project (NPP)	$22
Earthquake (EO)	$20
Land Use (LU)	$14
Community Redevelopment Agency (CRA)	$17
Housing Opportunities for Persons with AIDS (HOPWA)	$17
Single Family Homeownership Residency Monitoring	$15

Further, for all properties constructed with federal funds, HUD requires the City to monitor tenant household incomes and rents for compliance with HOME and other program requirements. UFBA bills HCID different monitoring fees per unit, dependent on the program type since there are different levels of review. For example, UFBA reviews income source documentation and supporting documents for each Major Project unit, but only reviews a

[17] Examples of subsidies include utility assistance or Section 8 vouchers.

project summary that includes limited self-reported information for the Land Use units.

The City's contract with UFBA totaled $1.4 million for Fiscal Years 2014 and 2015, to monitor all of the City's restricted affordable units included in HCID's inventory, based on the fee schedule.

Based on our benchmarking, HCID and UFBA's monitoring activities go beyond the efforts of other cities. For instance, Sacramento and Santa Ana do not monitor their entire affordable housing inventory; instead, they sample a percentage of those units annually. Our benchmarking found that the City of Los Angeles monitors a larger volume of affordable housing units than other cities, and was the only agency to utilize an outside contractor to conduct its monitoring.

Inconsistent Data Entry

Based on our data analysis, we noted HCID does not utilize consistent or standard address fields in its databases. For example, the same project may be entered in the system under two different naming conventions; 123 S. Main St., may also be in the system as 123 South Main Street. This issue makes it difficult to efficiently and accurately report on the entire inventory of affordable housing units.

Since HCID/UFBA do not have efficient reporting systems, the City cannot analyze compliance trends over the years or across program types. In addition, since HCID and UFBA lack a robust system that can track monitoring of a unit according to multiple program restrictions, it cannot report aggregated results. As a result, the City lacks assurance that its Affordable Housing Units are occupied solely by residents who meet income eligibility criteria; or that an Owner is collecting rent within the allowable limit. (See Finding No. 3)

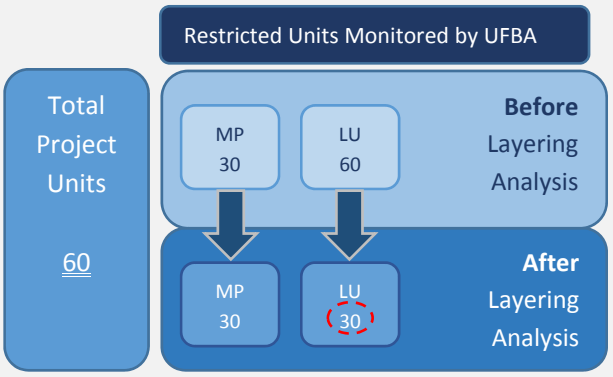
Double Monitoring

Our analysis identified 1,490 units that were monitored more than once in 2014. While the vast majority were required to be monitored more than once because of specific program guidelines, we noted that 379 Land Use restricted units were still "double monitored" in 2014.

When tenants begin occupying a new affordable housing project, HCID forwards the project information to UFBA, and the units are added to the

annual monitoring schedule. Although some projects are restricted by multiple program guidelines, Land Use restricted units should only be monitored once according to the most restrictive program. For example, a 60 unit project restricted by Land Use (all 60) and Major Project (30) guidelines may have been monitored 90 times. In this case, 30 of the units should be monitored according to Major Project guidelines, which are the most restrictive, and the remaining 30 units should be monitored in accordance with the Land Use guidelines.

EXHIBIT 11: EXAMPLE OF DOUBLE MONITORING ANALYSIS



MP = Major Projects Program LU= Land Use

Since UFBA double monitored 379 units, HCID paid UFBA an additional $5,306. Since these Land Use units were layered with a more restrictive program type, they could have only been monitored once.

The OM unit completed an analysis to determine how many of the Land Use units were unnecessarily "double monitored" and directed UFBA to discontinue monitoring the Land Use units that are layered with more restrictive programs. The OM Unit should ensure that all Land Use units layered with any other program type are removed from the monitoring list and are not double monitored in future cycles.

Recommendations

To assess whether the City's affordable housing supply (including Density Bonus units) remains affordable, HCID management should:

2.1 Work with UFBA to generate a monthly/quarterly report on the compliance status for each unit monitored. This should be used to assess the compliance rate for the City's affordable housing inventory.

2.2 Develop a standard format for entering project/address information in HIMS and CMS to enable HCID to efficiently

identify projects and determine the number of restricted units to ensure unduplicated unit counts.

2.3 Continue to ensure that Land Use units subject to multiple program restrictions are only monitored once against the most restrictive requirements.

Section II: The City Cannot Enforce Compliance for All Affordable Housing Programs

Given the limited supply of affordable housing units in the City, it is imperative that the restricted affordable units are occupied only by income eligible individuals. Further, since developers already receive benefits for building affordable housing (such as direct financing or Density Bonuses), they should not gain the additional benefit of collecting more rent than is allowed. The City should make every effort to ensure all affordable units remain affordable in exchange for any benefit provided to owners.

Although the primary focus of the audit was Density Bonuses, we reviewed the available 2014 monitoring data for all of the restricted units in the City's affordable housing inventory. This included Land Use Concession units, Government Subsidized units and former CRA units. We found that not every affordable housing unit is going to those in need, reducing the options for those residents most in need.

Finding No. 3: **The City's actual affordable housing inventory is less than the number of restricted units listed on paper, because some tenants exceed income guidelines and some owners collect more rent than allowed. Our analysis found that 6.8% (1,946) of the units exceeded affordability restrictions, such as restrictions on household income (1.6%) or rent (5.2%).**

- **HCID failed to conduct the initial income verification for 3.7% (1,056) of the tenants upon move-in, and there is a risk that these tenants may also exceed income limits.**

While the City can require owners to reimburse tenants for rent that was over-collected, the City does not have a process to remove tenants who surpass the income guidelines. If these rates hold steady the City's true affordable housing inventory will continue to decline, and will always be lower than the number of restricted units on paper.

We also noted that in 18% (5,221) of the restricted units, landlords accepted Housing Choice Vouchers (Tenant-Based Section 8 Rental Assistance), in addition to receiving financing for their housing project. While legal, tenants with vouchers who occupy restricted units reduce the number of units that would otherwise be available to families in need.

The Occupancy Monitoring (OM) Unit at HCID is responsible for monitoring all of the City's designated affordable units to ensure that residents meet the income guidelines and that owners collect the correct rent amounts. HCID's OM staff conducts an initial income verification before a prospective tenant can move into an affordable unit restricted by a Land Use concession. Thereafter, HCID relies on Urban Futures, Inc. to conduct annual monitoring to ensure units and tenants meet affordability requirements. HCID and the City Attorney's Office are responsible for enforcing the City's housing regulations.

OVER- INCOME TENANTS

We reviewed the data for every restricted affordable unit that was monitored in 2014[18], and found tenants in 464 units that exceeded income requirements considering their household and unit size. Overall, 69.4% of the 464 households exceeded income limits by $5,000 or more.

Exhibit 12: Over-Income Ranges		
$0-$100	5	1.1%
$101-$1,000	50	10.8%
$1,001-$5,000	87	18.8%
$5,001-$10,000	77	16.6%
$10,001-$20,000	124	26.7%
$20,001-$50,000	100	21.6%
> $50,001	21	4.5%

Some tenants were nominally over the limit; for example, five instances were within $100 of the income limit. However, there were some egregious cases, with one household earning more than $149,000 over the income limit. In effect, these households are depriving genuinely low-income households of affordable places to live.

Exhibit 13: Over Income Data Statistics	
Total	464 Units
Lowest	$10
Highest	$149,018
Average	$15,709
Median	$10,539

In addition, 1,181 units in the 2014 monitoring data noted no tenant income. As this appeared questionable, Auditors sent letters to those tenants requesting their income to determine if there were additional units where tenants exceeded income restrictions. While we received only 251 responses to the survey, we noted an additional 8 tenants exceeded the income limits. Based on these responses, an additional 3% of residents in affordable housing could exceed income limits. As these were self-reported amounts, it is possible that the income amounts were also under-stated.

However, using a conservative approach that considers only the affirmative responses to the direct mailing and the monitoring data, we found that overall 1.6% of the tenants exceeded income limits in 2014.

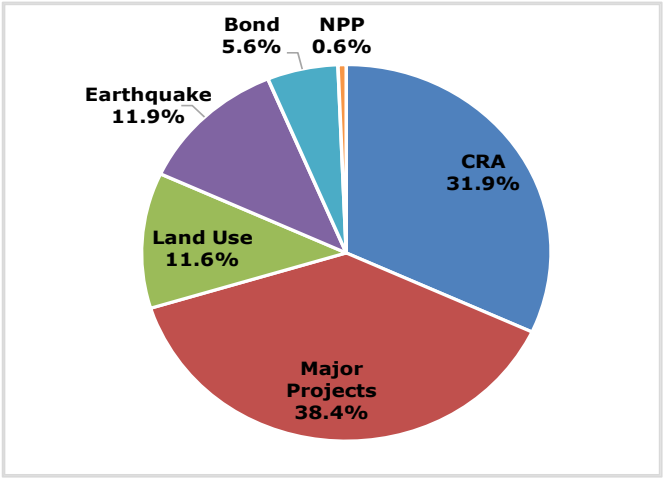
[18] Since the data was requested in 2015, the only complete year of data available was for 2014.

Exhibit 14: Over-Income Households in 2014							
	Bond	**CRA**	**Earth-quake**	**Land Use**	**Major Projects**	**NPP**	**Total**
# of Over-Income Units	**26**	**148**	**55**	**54**	**178**	**3**	**464**
# of Total* Units	2,208	10,822	1,244	4,333	9,680	195	**28,482**
% of Over-Income Units by Program Type	1.18%	1.37%	4.42%	1.25%	1.84%	1.54%	**1.63%**

*Includes the tenants from the direct mailing responses and the 2014 UFBA monitoring data.

Most of the over-income units fall under the (former) CRA and Major Projects programs, though proportionally, units under the Earthquake program had the most over-income tenants. It is possible a tenant may have been *initially* income qualified when they moved in; however, over time, their income may have increased above the eligible threshold.

Exhibit 15: Over-Income Units by Program Type



Missing Initial Income Verifications

Though required for Density Bonus projects, we found that HCID did not conduct income verification for all prospective tenants; thus, there is a risk that tenants exceeding income limits moved into a restricted unit. We found that HCID did not conduct the initial income verification for 3.7% of the tenants that occupied City administered restricted affordable units.

Exhibit 16: Units without Initial Income Verification							
	Bond	**CRA**	**Earthquake**	**Land Use**	**Major Projects**	**NPP**	**Total**
# of Units Missing Initial Income Verification	115	218	112	611	0	0	**1,056**
# of Total Units	2,208	10,822	1,244	4,333	9,680	195	**28,482**
% of Total Units	5.2%	2.0%	9.0%	14.1%	0.0%	0.0%	**3.7%**

HCID's Occupancy Monitoring unit must verify that a Certificate of Occupancy (CofO) is issued before an owner can lease any/all newly-built restricted unit(s). To prevent an owner from leasing a restricted unit without the initial income verification, the Occupancy Monitoring unit should immediately contact owners that have obtained a Certificate of Occupancy.

The Occupancy Monitoring unit is responsible for completing the initial income verification, a multi-step process. Once HCID finds that the CofO has been issued, the Occupancy Monitoring staff emails the ***owner***[19] the Tenant Income and Rent Certification (TIRC) documents. Owners must complete and remit the TIRC package to the Occupancy Monitoring unit for every new tenant that the owner wants to move into a restricted unit. Within 10 days, staff reviews and responds to requests. The OM unit maintains an Income Certification Log to track the time-frames throughout the initial TIRC process, with a date the package was submitted, forwarded, reviewed, and completed. If the TIRC document package is not complete, Occupancy Monitoring sends a request for missing information, and the owner must respond within 5 days. OM staff will close the file after 5 days and the owner will be required to start the process over again, by resubmitting documents. If documents are complete, Occupancy Monitoring reviews the relevant income documents which can include bank statements or W-2s. If unemployed, the tenant must provide social security statements, disability insurance, etc. HCID OM staff references the annual income and rent schedules to verify eligibility. (See Appendix VI for rent and income schedules.)

<u>Lack of Electronic Communication between HCID and DBS</u>

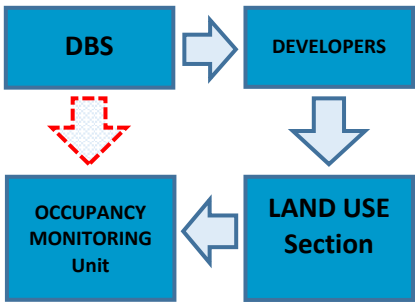
Missed initial income verifications will likely be avoided if the Department of Building and Safety proactively involves HCID's Occupancy Monitoring unit prior to issuing the Certificate of Occupancy. Doing so would mitigate the risk

[19] The City does not contact the tenants directly. All communication regarding tenant(s) income and rent collected is sent directly to the building owner/property manager.

of inadequate verification of tenant income eligibility and related impact to the City's affordable housing stock.

By default, the clearance process ensures that developers will notify HCID of an application when they begin the covenant preparation process. However, DBS does not have an automated reporting capability to: a) remit approved Density Bonus applications, or b) notify HCID when a Certificate of Occupancy for the projects is issued. This lack of communication between DBS and the Occupancy Monitoring unit poses a risk that owners may lease restricted units before the City can verify that a prospective tenant is qualified to occupy a restricted unit.

HCID's Land Use section staff must manually look up each individual covenant in DBS' Plan Check and Inspection System (PCIS) and notify the Occupancy Monitoring unit. Currently, only the Land Use section can verify issuance of the CofO because staff has direct access to PCIS to complete the covenant sign-off.



Student Verification/Eligibility in Restricted Units

If an adult tenant of a restricted affordable unit is a student, they must submit proof of school enrollment. Our direct mailing to tenants in restricted units that did not report any income in 2014 provided an anecdotal example of why it is important to monitor student eligibility. A tenant called regarding the letter and indicated that he was not aware he was occupying a restricted affordable unit. He explained that he was a recent law school graduate and could not recall his income for the prior year. The tenant did not provide his current income to the audit team, however, it is possible that his current income exceeds the limit, as he has since graduated, and is now gainfully employed.

In response to questions from the City Council's Housing Committee, HCID proposed conducting additional verification of income for students who apply to occupy restricted units, by requiring them to disclose whether they are being claimed as a dependent by someone else, and to provide that person's tax returns. The Housing Committee's interest illustrates the importance of the Initial Income Certification process to the City's affordable housing inventory.

Inability to Remove Over-Income Tenants from Restricted Units

Over-income tenants are problematic because the City lacks adequate enforcement mechanisms to remove tenants who exceed income requirements. Specifically, the City has no policies or legal processes in place to evict tenants that exceed income limits and continue to occupy restricted units. HCID management indicated that the Department does not want to "be in the business of removing residents from their homes," as it contradicts their mission. According to HCID, the City should not penalize individuals who work hard and increase their income over time, since the intention of providing affordable housing is to help residents improve their circumstances.

However, other governments have approached the tenant over-income issue through transition programs which gradually remove over-income tenants, and free up affordable units for those in greater need.

- HUD

  The U.S. Department of Housing and Urban Development (HUD) issued a public housing final rule in December 2004 which gave public housing authorities[20] discretion to establish and implement policies that would require families with incomes above the eligibility income limits to find housing in the unassisted market.

Exhibit 17: Over-Income Threshold Example

Tenant Initially Earns	= $45,000
AMI Threshold example	= $63,000
200% AMI	= $126,000
Once tenant reaches 200% AMI or more	→ Transition Out

- San Francisco

  San Francisco has a high demand for affordable housing, and does not allow tenants to remain in restricted units if their income exceeds a specified level. If the tenant's income exceeds the Area Median Income (AMI) by 200%, the City transitions them out of a restricted unit no sooner than the end of the (current) lease term of the tenant Household.

[20] This rule is specifically addressed to public housing authorities (PHAs), which manage public housing buildings that are constructed with public funds and managed directly by a local government entity. The Housing Authority of the City of Los Angeles oversees these buildings for the City. These buildings do **not** include restricted affordable units constructed by non-profit or private developers that require covenants, and are considered separate from the City's affordable housing inventory.

- TCAC Funded Projects

  Projects that receive a tax credit from the State Tax Credit Allocation Committee (TCAC) must also adhere to stringent income regulations. If a tenant's income exceeds 140% of the AMI, the unit is no longer considered affordable by the TCAC, and the owner is at risk of losing the tax credit.

Establishing over-income threshold limits and a transition policy would support tenants improving their financial situation over time, while also keeping restricted units available for those most in need, thus helping more households over the long-term.

Fixed and Floating Units

Given that the City lacks policies to evict ineligible tenants, including "floating" units in all covenants may be a desirable interim option, as they provide a relatively quick remedy to ensure the project remains compliant with the intent and restrictions of the affordable housing covenant.

Covenants requiring restricted affordable units will stipulate either "fixed" or "floating" units. While a fixed unit is always designated as affordable (e.g. Unit #1A), a project with floating units allows any comparable unit in the development to serve as a restricted unit. For example, if a tenant exceeds income limits in a restricted unit, the owner must lease the next available, comparable unit to an eligible household at the income level stipulated in the covenant. This is in contrast to when an over-income tenant is living in a "fixed" unit, and the owner must wait until the tenant moves out in order for the new tenant to meet income guidelines.

Floating units should be considered an interim solution because monitoring them is complicated, as the restricted unit may change during each monitoring cycle.

OWNERS COLLECTED MORE RENT THAN ALLOWED

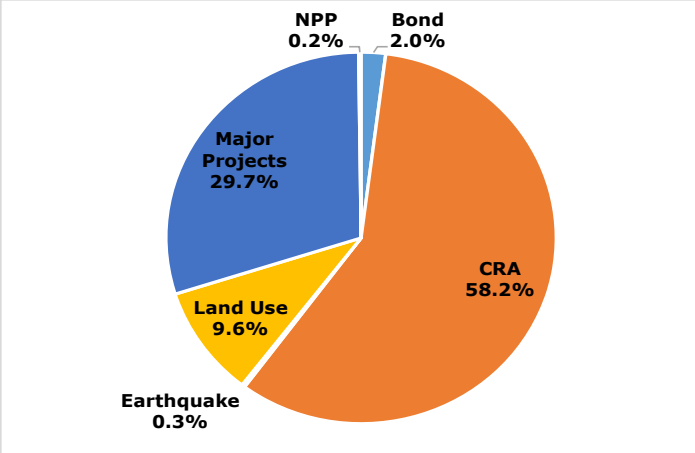
Based on the 2014 monitoring data, UFBA reported that 5.2% of the owners collected more rent than allowed by the associated program guidelines.

Exhibit 18: Units for which Owners Collected More Rent Than Allowed							
	Bond	**CRA**	**Earthquake**	**Land Use**	**Major Projects**	**NPP**	**Total**
# of Over Rent Units	**30**	**862**	**4**	**143**	**440**	**3**	**1482**
Total # of Units	2,208	10,822	1,244	4,333	9,680	195	**28,482**
% of Total Units	1.4%	8.0%	0.3%	3.3%	4.5%	1.5%	**5.2%**

Most of the over-rent units fall under the (former) CRA and Major Projects programs.

City policy requires that in instances of over-rent collection, UFBA notifies the owner, and gives the owner two weeks to reimburse the tenant.

Exhibit 19: Over-Rent Units by Program Type

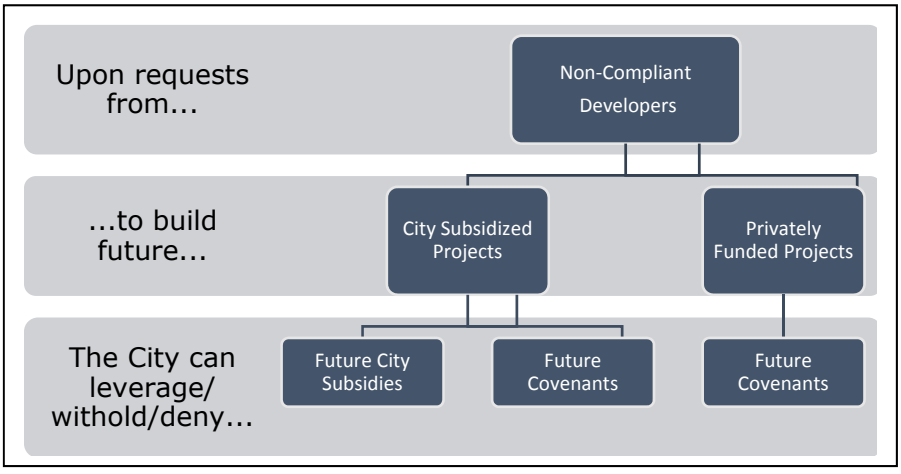


Penalties for Developers

Government-Subsidized Projects

HCID has stringent policies to enforce compliance for government-subsidized projects. For example, if owners do not respond to letters from the City Attorney to correct any non-compliant issues, HCID's Asset Management Division can withhold future Affordable Housing Trust Fund (AHTF) financing if the developer re-apply for public funding.

Exhibit 20: HCID Compliance Enforcement Methods



Land Use Projects

For Land Use projects that did not receive government funding, HCID has little recourse for non-compliance. Developers of these projects have already received a land use concession through the Density Bonus program; therefore, the City cannot

leverage much beyond denying a covenant on a future project. HCID's current policy directs staff to conduct a compliance check for developers applying for a new covenant. Developers with non-compliant projects will *not* be issued any new covenants, unless non-compliance issues are remedied. However, developers do not face any monetary threats such as penalties or withheld funding.

SECTION 8 VOUCHERS USED WITHIN RESTRICTED AFFORDABLE HOUSING PROJECTS

Often times, multiple programs are layered within a restricted affordable housing project. For example, a developer may receive HUD funding and a Low-Income Housing Tax Credit to build affordable units, AND a tenant may utilize voucher assistance (commonly known as Section 8 Project-Based or Housing Choice Vouchers) to help cover the rent. We noted 10,408 of the units within the City's affordable housing stock that were monitored by HCID in 2014 accepted Section 8 Vouchers.

Financing and Renting Affordable Housing

The more common financing and rental assistance programs, which are frequently layered, are described below:

Financing Affordable Housing

Affordable housing developers use many tools to finance restricted affordable housing projects, including direct federal funds from HUD, or the Low-Income Housing Tax Credit.

- *HOME Investment Partnerships Program (HOME)*

  The "HOME Investment Partnerships Program" (HOME), allocates formula funds to participating jurisdictions to increase the number of families served with decent, safe, sanitary, and affordable housing and to expand the long-term supply of affordable housing. HCID is the City's administrator of HOME funds and awards funds to developers based on competitive applications.

- *Low Income Housing Tax Credits*

  Created by the Tax Reform Act of 1986, the LIHTC program gives California's Tax Credit Allocation Committee (TCAC) the authority to issue tax credits to incentivize developers to build affordable housing.

Renting an Affordable Unit

Low-income families, as well as the elderly, and the disabled may benefit from Section 8 Vouchers to help cover the cost of their rent. Federal funds are allocated by HUD to local public housing agencies (PHAs), who administer the Vouchers. The Housing Authority of the City of Los Angeles (HACLA), is the City's PHA. A housing subsidy is paid to the landlord directly by the PHA on behalf of the participating family. The family then pays the difference between the actual rent charged by the landlord and the amount subsidized by the program, but cannot exceed 30% of the family's monthly income.

There are two types of Section 8 Vouchers, Project-Based Vouchers and Housing Choice Vouchers:

- *Project-Based Voucher (PBV)*

  Project-Based Vouchers are attached to a particular unit in a building. The owner agrees to reserve some or all of the units in a building for low-income tenants, and in return HUD guarantees to make up the difference between the tenant's rent contribution and the rent amount in the owner's contract with the government. In 2014, 5,187 PBVs were included in City restricted units.

- *Housing Choice Voucher (HCV)*

  In the Housing Choice Voucher program, also referred to as Tenant-Based Vouchers, the participant is free to choose housing that meets the requirements of the program, including privately-owned single-family homes, townhouses and apartments. In 2014, 5,221 HCV's were applied towards rent in City-restricted units.

Project-Based Voucher (PBV)	Housing Choice/Tenant-Based Voucher (HCV)
Stays with the Unit • Non Transferrable	Stays with the Tenant • Can be applied towards rent in any unit (including privately owned) that meets program guidelines.

Since HCVs are tenant-based assistance, the subsidy is tied to the low-income tenant, not the unit. When the tenant moves, the HCV can move with the tenant. Whereas the PBV subsidy is attached to a specific unit, and is not transferrable. If the tenant moves out, the subsidy stays with the unit and benefits the next low-income tenant that moves in.

Consider Restricting the Use of Housing Choice Vouchers to Non-HOME Financed Units

While legal, tenants with HCVs who occupy restricted units reduce the number of units that would otherwise be available to families who are also in need, but do not have a HCV. Although federal law prohibits owners who have received HOME financing from refusing to rent to tenants with HCV, the impact of this policy results in fewer affordable housing options. If the tenant with rental assistance rented an apartment outside of HCID's inventory (e.g. privately-owned unit), two low-income households could be served. In other words, rent for the unit that would otherwise be restricted as affordable will not be available to those without a voucher. We are not questioning the legality of these practices, but rather how they are not necessarily in-line with the spirit of the City's housing goals and needs. Therefore, in order to ensure the City's restricted affordable units are maximized, it may be ideal to restrict the use of Housing Choice Vouchers to non-HOME financed, privately-owned units.

If the City considers prohibiting owners that accept government funding to build units from also accepting HCVs from tenants, this may eventually increase the number of affordable units. This is, of course dependent upon the availability of HCVs and private owner participation.

OBSERVATION REGARDING OWNERS WHO MAY COLLECT HIGHER RENT WHEN TENANTS HAVE RENTAL ASSISTANCE

Exhibit 21: Over Rent Data Statistics (For Units with Rental Assistance)	
Total	4,621
Minimum	$1
Maximum	$1,423
Average	$266
Median	$213

We also noted that rent collected by owners of restricted affordable units exceeded the rent limits for 16% (4,621) of the units that accepted Section 8 vouchers, either Project Based or Tenant Based. Our analysis found that 76% of these owners collected $100-$500 per month more rent from tenants that received additional rental assistance.

Exhibit 22: Monthly Over Rent Range (For Units with Rental Assistance)		
$0-$100	694	15.0%
$100-$500	3,515	76.1%
$500-$800	251	5.4%
$800-$1,500	161	3.5%

Affordable housing financing programs set rent and income levels, and tenants are expected to pay the rent amount. When a tenant has qualified for a voucher, the tenant is responsible for paying a portion of the rent (based on 30% of their monthly income), while the voucher

covers the difference with funds from HUD through the Housing Authority of the City of Los Angeles (HACLA). To maximize their rental income, an owner will actually prefer a tenant with rental assistance over one without.

Federal law allows owners to collect a fair market rent amount as determined by the Department of Housing and Urban Development, which may be more than the rent limits, though less than market rate.

Exhibit 23 shows how a unit occupied by a tenant with a voucher subsidy could appear to exceed rent limits.

Exhibit 23: Example of Voucher Subsidy Increasing Monthly Rent Amount	
Fair Market Rent as Determined by HUD	$800 (Market Rent $1200)
Tenant Contribution	$100 (based on 30% monthly income)
Voucher	$600 (based on family size and fair market rent comparable)
Rent Collected	$700
Rent Limit	$650 (based on program restrictions)
Over Rent	$50

In these cases, the owner may collect higher rent than what appears specified by the regulations. This is the explanation for the 16% of apparent "over-rent" units we noted.

VACANCY RATES

Given the dire need for affordable housing, the Department should make all efforts to make the vacancy rate in its portfolio zero. While the monitoring data is based on one point in time, we noted a vacancy rate of 3%.[21]

HCID management indicated that this is lower than the citywide vacancy rate (approximately 5%) and explained that OM staff review the individual monthly project compliance reports and call owners to ask about the status of a unit when 10%, or 2 or more units are vacant. According to staff, property managers usually state that units are not vacant for very long, and the vacancy is attributed to a unit being cleaned after a tenant moved out.

Currently, marketing a restricted unit and finding an eligible tenant is the responsibility of the owner. However, to help owners market restricted affordable units and minimize vacancies, the City recently signed a contract with socialserve.com and the County of Los Angeles. Socialserve.com operates a database that is linked to the County's housing resource center website, which will eventually list all of the restricted units in the City. Per staff, the Major Projects units are currently on the site, and over the next two years, it will be updated to include the City's entire inventory of restricted

[21] Since HCID does not track or report vacancy rates in an aggregated manner, we could not trend this to determine if 3% is representative of the monthly average.

affordable units. To ensure full participation, property managers will have to register their affordable units on the site to remain compliant with program requirements.

Occupancy Monitoring Policies and Procedures

Throughout the audit, we noted that the Occupancy Monitoring unit does not have Policies & Procedures that detail the monitoring and enforcement processes for the City's restricted units. In addition to formal institutional knowledge, policies and procedures are important because they ensure all stakeholders clearly understand their role and they provide transparency to a unit's function.

Recommendations:

To ensure the City's affordable housing stock is occupied only by those who are most in need, HCID should develop and propose the following to policymakers:

3.1 An over-income threshold for tenants who occupy restricted units.

3.2 Removal or transitional policies for tenants that surpass the over-income threshold.

3.3 A timeline/deadline transitional tenants will have to meet, when required to vacate a restricted unit.

To ensure initial income certifications are completed in a timely manner, HCID and DBS management should:

3.4 Consider implementing an automated process to ensure HCID's Occupancy Monitoring Unit is immediately notified when a Certificate of Occupancy is issued for a Housing project with restricted units.

In an effort to maximize the number of affordable housing options in the City, HCID should urge policymakers to:

3.5 Consider restricting the use of Housing Choice Vouchers to non-HOME financed, privately-owned units.

To provide additional transparency and maintain institutional knowledge, HCID should:

3.6 Ensure all of the processes, procedures and polices relevant to monitoring the City's affordable housing inventory are clearly documented.

Section III: The City is Missing Opportunities to Collect Density Bonus Related Fees from Developers

While there are flaws related to the reporting and enforcement for the Density Bonus program and the City's affordable housing in general, developers continue to build units. Since the Program is intended to increase the number of affordable units in the City, efforts should be made to improve administrative processes as well, specifically those related to Density Bonus fees.

Per City financial guidelines, departments can charge fees for services if permissible by state and federal law, and if a group who benefits from the services is identifiable. These fees should support the full cost of operations, including all direct and indirect and capital costs. In the case of residential development, developers directly benefit from the various City services involved in reviewing and approving a project for construction and completion, and subsequent monitoring efforts to ensure compliance with requirements.

Finding No. 4: Density Bonus related fees collected by the Department of City Planning have not been updated since 2011. There is a risk that fees do not cover the administrative costs to review the Density Bonus entitlement applications.

If a developer intends to request incentives through the entitlement process they must pay a fee. The Density Bonus ordinance dictates the fees for the entitlements/incentives as outlined in the table.

EXHIBIT 24: DENSITY BONUS ENTITLEMENT APPLICATION FILING FEES

Type of Application	Fee
Density Bonus including a request for one or more Incentives included in the Menu of Incentives	$7,115
Density Bonus including a request for an Incentive not included in the Menu of Incentives	$23,287
Density increase in excess of that permitted	$20,718

We found that the Department of City Planning has not reviewed or updated the Density Bonus Entitlement Application Filing fee amounts since 2011. Given increases in salaries and other associated costs for completing the application reviews, there is a risk that DCP has not been

recovering the administrative costs related to entitlement reviews of Density Bonus applications.

Developers that apply for one or more of the ***on-menu*** incentives are charged the lowest flat-fee. Developers pay higher fees when requesting incentives that are not on the menu (off-menu), or request density increases in excess of that permitted. The fees are remitted into the Planning Case Processing Special Fund, which helps to offset the staff costs involved in processing planning and land use applications.

Per the City's Revenue Policies, departments shall monitor "all user charges and fees for the City" *on an annual basis*, "to determine that rates are adequate and each source is maximized."

DCP management indicated that a fee study is currently underway to determine if fees are adequately recovering costs, given the last fee increase was phased-in as of 2011. DCP selected an outside contractor to complete the study, which is expected to be completed during 2016.

Recommendation:

The Department of City Planning should:

4.1 Ensure that the entitlement fee study is completed as soon as possible and implement the appropriate fees in a timely manner.

Finding No. 5: The City is missing opportunities to collect fees that would help offset costs associated with the Density Bonus program, and the development of affordable housing.

The City does not currently collect a fee from developers to cover the administrative costs associated with preparing the covenants for Density Bonus Projects. If the City adopts a covenant fee, HCID could potentially collect $366,000 per year.

Despite the various administrative processes involved in executing the covenants, the City does not collect a fee from developers to cover the costs involved to draft the covenants for Density Bonus projects, or any of the affordable housing developments subject to a covenant. HCID staff indicated that developers have requested the ability to pay an expediting fee to the covenant process. Collecting a preparation fee would allow HCID to hire more staff to complete the process in a more expeditious manner.

Once a development is approved for a Density Bonus, the developer must work with HCID's Land Use and Environmental Services Section (Land Use Unit) to execute an Affordable Housing Land Use Covenant.

To start the covenant execution process, the developer must submit documents to HCID's Land Use Unit, including a covenant application, the building permit application, and the grant deed.

Once the covenant is drafted, HCID sends a copy to the City Attorney for review and approval. If approved, the covenant is sent to the owner, who has 30 days to review it, sign it, make 4 notarized copies, and send one notarized copy back to HCID. Upon receipt, it must be signed by HCID's General Manager. This signature allows Land Use staff to sign off on the clearance sheet, allowing the developer to move forward with the building permit approval process.

Exhibit 25: Developer Response Results Regarding Fee Payment

Would your Firm be willing to pay a fee to expedite the covenant preparation process?	#	%
Yes	17	89%
No	2	11%
Totals	19	100%

The developer must then file a notarized copy of the covenant with all signatures with the County Recorder's Office to ensure the covenant, and all its stipulations, remain on the property's title through any future change in ownership or foreclosure proceeding.

Currently, HCID funds Land Use unit staff salaries with funds from the Municipal Housing Finance Fund (MHFF), Community Development Block Grants (CDBG), and HOME Investment Partnerships Program (HOME) grants. However, the grant sources have administrative service caps, so the amount of funding that can be used to pay HCID staff salaries is limited. Consequently, the number of staff that HCID can hire to help execute covenants is also limited.

In contrast, City Planning, which is also involved in processing and reviewing Density Bonus related applications, collects administrative-related fees to offset its staff costs.

Proposed Affordable Housing Covenant Preparation Fee

In 2013, HCID completed a fee study that considered the various activities performed by Land Use staff and proposed five categories of fees related to the preparation ***and*** enforcement of affordable housing covenants. If the "Affordable Housing Covenant Preparation Fee" is adopted, developers would pay $5,999 to HCID when they submit a Land Use application. Based on a projected annual number of projects, HCID estimated that the new fees, if adopted, would generate $365,932[22] per year in additional revenues to the City.

Based on our review of HCID's methodology to determine the covenant fee, it appears that staff included the appropriate activities and cost components. The methodology considered direct costs, which include the salaries and benefits for HCID Clerical and Analyst[23] staff, as well as City Attorney staff involved in the covenant preparation process. HCID also used Cost Allocation Plan (CAP) 34 to calculate the indirect costs such as fringe benefits and building leases.

In 2014, the City Administrative Officer reviewed the methodology used by HCID, and approved the fee for consideration by City Council. However, as our audit fieldwork, the Housing Committee has considered the fee, but not yet adopted it.

[22] Based on the historical average of 61 covenants per year through 2014.
[23] Management Analyst and Senior Management Analyst

We surveyed developers and 89% of those that responded, indicated they would be willing to pay a fee to expedite the covenant preparation process.

Recommendation

City Council and the Mayor should:

5.1. Approve a covenant fee that would cover the current administrative costs related to executing the covenants for all affordable housing projects, including Density Bonus projects. Once adopted, periodically review and adjust the fee to reflect the administrative costs involved in preparing covenants.

Finding No. 6: HCID has not consistently collected an annual monitoring fee from owners to help cover the costs of monitoring the restricted units to ensure compliance with income and rent guidelines.

While HCID has actively monitored restricted units for the last 10 years, HCID only began consistently collecting a monitoring fee of $135 for each restricted unit in 2013. This amount is stated in covenants prepared since 2013. Older covenants stipulated varying monitoring fees; for example, $50/restricted unit, $75/restricted unit, or 5% of the gross rent collected. It is unclear how fees included in older covenants were determined, and there was no formal effort to collect a monitoring fee from owners of projects associated with these older covenants. According to HCID management, the City Attorney's Office has advised them not to collect fees retroactively. For example, for covenants executed in 2010 that include a $75/restricted unit monitoring fee, HCID only collected the fee for monitoring completed in 2013 and 2014. The department did not bill the owner for monitoring the unit in 2010, 2011 or 2012.

HCID conducted a fee study in 2013 which determined that the monitoring fee amount should be $135. Starting in January 2014, HCID began billing project owners for monitoring activities on an annual basis. HCID bills project owners on one invoice for all monitored covenants. All fees collected are remitted to the Municipal Housing Finance Fund (MHFF). According to the current process, the monitoring fee billed each year pertains to the monitoring conducted during the previous calendar year. For example, monitoring fees collected in 2014 corresponded to monitoring performed during calendar year 2013.

Through 2015, HCID sent collection letters seeking $881,635 in monitoring fees, and has received $734,960 from owners.

Exhibit 26: Affordable Housing Monitoring Fees Billed and Collected for 2013 & 2014

Monitoring Year	# of Units	Total Amount Billed	Total Amount Collected	% Collected
2013	4,750	$334,260	$274,810	82%
2014	6,193	$547,375*	$460,150	84%
		$881,635	$734,960	83%

**This includes the prior year uncollected amount of $66,615.*

HCID should have been applying a consistent fee methodology to determine the monitoring fee amounts, and more importantly, it should have been collecting fees as soon as the restricted units were occupied.

Since HCID did not collect a monitoring fee, other funding sources, (including limited CDBG grant monies) were used to pay the contracted monitor, UFBA.

Recommendation

HCID should:

6.1 Review the current monitoring fee amount of $135 per restricted unit, to ensure it is appropriate and continue to collect it for each affordable unit monitored on an annual basis.

Respectfully submitted,

Diana Galaviz
Internal Auditor II

Sydia Reese
Internal Auditor IV

Cynthia Varela, CIA
Chief Internal Auditor

Siri A. Khalsa, CPA
Deputy Director of Auditing

Alfred Rodas, CPA, CIA, CIG, CIGI
Director of Auditing

GLOSSARY OF KEY TERMS

AMI- Average Median Income

By-Right Density Bonus - Also referred to as "ministerial." Land uses which do not require a variance from the Zoning Code, and are automatically granted if the development is approved.

Covenant - A regulatory agreement or contract which dictates the terms of conditions for the use of the land, which is tied to the deed.

DBS – Department of Building and Safety

DCP – Department of City Planning

Developer- Individual or firm that funds and/or builds new real estate projects, including the new construction and renovation of existing building(s).

Entitlement Density Bonus–Land uses which require a variance from the Zoning code. They must be requested as a "conditional use" and approved by the Director of City Planning or the City Planning Commission.

HUD – Federal Department of Housing and Urban Development

HCID – Housing and Community Investment Department

HIMS- Housing and Information Management System used by HCID staff to track restricted affordable housing project details.

Incremental Unit(s) – The *additional* unit(s), i.e., above the number specified by the zoning code for a particular multi-family housing project, that were created as a result of the City's Density Bonus incentive.

Layered Units – A restricted affordable housing unit that is subject to multiple programs, guidelines, and related restrictions generally defined by the type of financial assistance provided.

OM Unit- Occupancy Monitoring Unit at HCID, responsible for monitoring the income and rent compliance for the City's restricted affordable units.

PCIS – The Plan Check and Inspection System used by Department of Building and Safety staff to track building plans' processes and fees.

GLOSSARY OF KEY TERMS (cont.)

PCTS – The Planning Case Tracking System used by Department of City Planning staff to track the planning review processes.

UFBA – Urban Futures and Bond Administration

APPENDIX I: ACTION PLAN

	Finding	Page	Recommendation	Page	Entity Responsible for Implementation	Priority
Section I: Density Bonuses: Unclear Benefits for Affordable Housing						
1	None of the administering Departments separately track or report the number of additional units, including the incremental affordable housing units, generated by the Program. Further, the City does not effectively track applications and approvals for Density Bonuses and only began tracking the Land Use restricted affordable units in 2008.	16	If policymakers determine that Density Bonus units should be considered a significant component of the City's affordable housing strategy, Mayor and Council should: 1.1 Set a target goal for the number of incremental restricted units the Density Bonus program is expected to generate. This will allow for periodic evaluations to review the success of the City's Density Bonus program, and its impact on the City's affordable housing inventory.	24	Mayor City Council	A
			1.2 Request an analysis from DCP/DBS/HCID identifying the percentage set-asides and the on-menu incentives requested by developers in prior Density Bonus projects to determine which have been most effective in encouraging Developers to participate in the Density Bonus program, and consider revising the ordinance to increase outcomes.	24	Mayor City Council	A

APPENDIX I: ACTION PLAN

	Finding	Page	Recommendation	Page	Entity Responsible for Implementation	Priority
1	None of the administering Departments separately track or report the number of additional units, including the incremental affordable housing units, generated by the Program. Further, the City does not effectively track applications and approvals for Density Bonuses and only began tracking the Land Use restricted affordable units in 2008.	16	To accurately determine the impact of the Density Bonus program on the City's affordable housing inventory, DCP, HCID and DBS should: 1.3 Work together to track the number of units a developer proposed prior to the Density Bonus calculation (base units), and the number of approved incremental bonus units. In addition, separately identify bonus units as either market rate or restricted as affordable, and determine the incremental affordable units that are created through the program.	24	DCP HCID DBS	A
			To enable reporting on the types of Density Bonus units that were requested, approved and constructed, DBS Management should: 1.4 Consider updating the Plan Check and Inspection System similar to the updates the Department of City Planning is incorporating in the Planning Case Tracking System.	24	DBS	A

APPENDIX I: ACTION PLAN

	Finding	Page	Recommendation	Page	Entity Responsible for Implementation	Priority
1	None of the administering Departments separately track or report the number of additional units, including the incremental affordable housing units, generated by the Program. Further, the City does not effectively track applications and approvals for Density Bonuses and only began tracking the Land Use restricted affordable units in 2008.	16	HCID Management should: 1.5 Develop a standardized template for the Density Bonus covenants. Consider making each recorded covenant publicly accessible and mapping each project location on the Department's internet site.	24	HCID	A
			To overcome report shortcomings and evaluate the effectiveness of the Density Bonus program DBS, DCP and HCID should: 1.6 Consider developing and using a unique identifier for all projects that can be used by all departments involved in administering development projects. This would enable stakeholders to track the projects' progression and report on the status of various milestones.	25	DBS DCP HCID	A

APPENDIX I: ACTION PLAN

	Finding	Pg.	Recommendation	Pg.	Entity Responsible for Implementation	Priority
2	HCID does not report the occupancy compliance rate (income and rent) of the restricted units under the Density Bonus program or the City's entire affordable housing inventory to stakeholders.	26	To assess whether the City's affordable housing supply (including Density Bonus units) remains affordable, HCID management should: 2.1 Work with UFBA to generate a monthly/quarterly report on the compliance status for each unit monitored. This should be used to assess the compliance rate for the City's affordable housing inventory.	29	HCID	B
			2.2. Develop a standard format for entering project/address information in HIMS and CMS to enable HCID to efficiently identify projects and determine the number of restricted units to ensure unduplicated unit counts.	29	HCID	A
			2.3 Continue to ensure that Land Use units subject to multiple program restrictions are only monitored once against the most restrictive requirements.	30	HCID	A

APPENDIX I: ACTION PLAN

	Finding	Page	Recommendation	Page	Entity Responsible for Implementation	Priority
Section II: The City Cannot Enforce Compliance for All Affordable Housing Programs						
3	The City's actual affordable housing inventory is less than the number of restricted units listed on paper, because some tenants exceed income guidelines and some owners collect more rent than allowed. Our analysis found that 6.8% (1,946) of the units exceeded affordability restrictions, such as restrictions on household income (1.6%) or rent (5.2%).	31	To ensure the City's affordable housing stock is occupied only by those who are most in need, HCID should develop and propose the following to policymakers: 3.1 An over-income threshold for tenants who occupy restricted units.	43	HCID	A
			3.2 Removal or transitional policies for tenants that surpass the over-income threshold.	43	HCID	A
			3.3 A timeline/deadline transitional tenants will have to meet, when required to vacate a restricted unit.	43	HCID	A

APPENDIX I: ACTION PLAN

	Finding	Page	Recommendation	Page	Entity Responsible for Implementation	Priority
3	The City's actual affordable housing inventory is less than the number of restricted units listed on paper, because some tenants exceed income guidelines and some owners collect more rent than allowed. Our analysis found that 6.8% (1,946) of the units exceeded affordability restrictions, such as restrictions on household income (1.6%) or rent (5.2%).	31	To ensure initial income certifications are completed in a timely manner, HCID and DBS management should: 3.4 Consider implementing an automated process to ensure HCID's Occupancy Monitoring Unit is immediately notified when a Certificate of Occupancy is issued for a Housing project with restricted units.	43	HCID and DBS	A
			In an effort to maximize the number of affordable housing options in the City, HCID should urge policymakers to: 3.5 Consider restricting the use of Housing Choice Vouchers to non-HOME financed, privately owned-units.	43	HCID	A
			To provide additional transparency and maintain institutional knowledge, HCID should: 3.6 Ensure all of the processes, procedures and polices relevant to monitoring the City's affordable housing inventory are clearly documented.	44	HCID	B

APPENDIX I: ACTION PLAN

	Finding	Page	Recommendation	Page	Entity Responsible for Implementation	Priority
	Section III: The City is Missing Opportunities to Collect Density Bonus Related Fees from Developers					
4	Density Bonus related fees collected by the Department of City Planning have not been updated since 2011. There is a risk that fees do not cover the administrative costs to review the Density Bonus entitlement applications.	45	4.1 Ensure that the entitlement fee study is completed as soon as possible and implement the appropriate fees in a timely manner.	46	DCP	A
5	The City is missing opportunities to collect fees that would help offset costs associated with the Density Bonus program, and the development of affordable housing.	47	5.1 Approve a covenant fee that would cover the current administrative costs related to executing the covenants for all affordable housing projects, including Density Bonus projects. Once adopted, periodically review and adjust the fee to reflect the administrative costs involved in preparing covenants.	49	City Council and the Mayor	A

APPENDIX I: ACTION PLAN

	Finding	Page	Recommendation	Page	Entity Responsible for Implementation	Priority
6	HCID has not consistently collected an annual monitoring fee from owners to help cover the costs of monitoring the restricted units to ensure compliance with income and rent guidelines.	50	6.1 Review the current monitoring fee amount of $135 per restricted unit, to ensure it is appropriate and continue to collect it for each affordable unit monitored on an annual basis.	51	HCID	B

A –High Priority *- The recommendation pertains to a serious or materially significant audit finding or control weakness. Due to the seriousness or significance of the matter, immediate management attention and appropriate corrective action is warranted.*
B –Medium Priority *- The recommendation pertains to a moderately significant or potentially serious audit finding or control weakness. Reasonably prompt corrective action should be taken by management to address the matter. Recommendation should be implemented no later than six months.*
C –Low Priority *- The recommendation pertains to an audit finding or control weakness of relatively minor significance or concern. The timing of any corrective action is left to management's discretion.*

APPENDIX II: FINANCIAL SCORECARD

Finding/Recommendation	Page	Category	Financial Impacts
Finding No. 5: The City is missing opportunities to collect fees that would help offset costs associated with the Density Bonus program, and the development of affordable housing.	47		
The City does not currently collect a fee from developers to cover the administrative costs associated with preparing the covenants for Density Bonus Projects. If the City adopts a covenant fee, HCID could potentially collect $366,000 per year.		Increased Revenue	Adopting a covenant preparation fee could generate approximately $366,000 each year for HCID.
Recommendation 5.1: Approve a covenant fee that would cover the current administrative costs related to executing the covenants for all affordable housing projects, including Density Bonus projects. Once adopted, periodically review and adjust the fee to reflect the administrative costs involved in preparing covenants.	49		

Cost Recovery: Monies that may be recoverable.

Cost Savings and Efficiencies: Cost savings opportunity and process enhancements.

Cost Avoidance: Monies that are lost but are avoidable in the future.

Increased Revenue: Revenue opportunities.

Wasted Funds: Monies that are lost and not recoverable due to reckless act or mismanagement of funds.

We strive to identify and recommend actions that will result in real financial impact, whereby the City can achieve significantly more through cost savings and/or increased revenue than the cost of the audit function. The above dollar estimates are dependent upon various factors, such as full implementation of audit recommendations and should not be used as guaranteed amounts

APPENDIX III – AUDIT SCOPE AND METHODOLOGY

We reviewed the effectiveness of the City's application and monitoring processes for Density Bonuses since 2008 through 2014, as related to restricted affordable units. The audit focused on the Density Bonus application and approval process through the Department of City Planning, the Department of Building and Safety, and the Housing and Community Investment Department (HCID). We also reviewed the monitoring and enforcement processes related to the City's affordable housing inventory, as managed by HCID. Audit fieldwork was primarily conducted from October 2015 through February 2016 and generally covered activities FY 2008-2009 through FY 2013-FY 2014. This audit was performed in accordance with Generally Accepted Government Auditing Standards. Those standards require that we plan and perform the audit to obtain sufficient, appropriate evidence to provide a reasonable basis for our findings and conclusions based on our audit objectives. We believe the evidence obtained provides a reasonable basis for our findings and conclusions based on our audit objectives. In accordance with these standards and best practices, we performed the following key tasks:

Interviews and Observations

We interviewed Department of Building Safety, Department of City Planning and the Housing and Community Investment Department staff involved in the administration and oversight of the City's Density Bonus program. These interviews included staff from HCID's occupancy monitoring contractor, UFBA. We also reviewed project case files, and relevant information systems and databases.

Data Analyzed

We analyzed 2014 monitoring result data of the City's restricted affordable inventory provided by UFBA. We used the data analysis software, IDEA and Excel to remove duplicated units, identify tenants who exceeded income limits, and owners who collected more rent than the limits.

Benchmarking

We surveyed other agencies throughout the country regarding the administration and oversight of their Density Bonus programs. We received responses from the cities of Glendale, Sacramento, Santa Ana and San Francisco. See Appendix IV for the benchmarking results.

APPENDIX III – AUDIT SCOPE AND METHODOLOGY

We sent a survey to developers who previously built projects in the City, to understand their experience and solicit their opinion regarding the City's Density Bonus program. See Appendix IX for their results.

We sent a direct mailing to tenants who did not report any income in 2014, in an effort to collect their earned income amount. See Appendix VIII for the results of the responses.

APPENDIX IV Benchmarking

These are the results of benchmarking with other cities, regarding their Density Bonus programs.

	Santa Ana	Sacramento	San Francisco	Glendale
1) When did your City start administering Density Bonuses?	2011	Likely when the state law took effect.		2006
2) How many Density Bonus projects have been built in your City since you started administering Density Bonuses?	4	1 or 2		
2a) How many restricted (affordable) units are in those projects?	24	I don't know.		127 As reported in 2014-2012 Housing Element
3) Does your City have a Density Bonus goal?	No	No		Yes, One Density Bonus Project per Year
3a) If yes, please describe your City's Density Bonus goal and if it is referring to the restricted, market rate, or overall units.				
4) What is the threshold for developers to be eligible for Density Bonuses? (e.g. in LA, the development has to be >5 units)	5 or more units	>5 units		
5) What departments are involved in administering Density Bonuses?	Planning and Building Agency, Community Development Agency (Housing Division)	Community Development Department and the Sacramento Housing and Redevelopment Agency (SHRA)		Department of City Planning

APPENDIX IV Benchmarking

	Santa Ana	Sacramento	San Francisco	Glendale
6) What type of incentives are most popular, and why?	Density, Parking, Setbacks	Concessions are not very attractive because we updated our zoning code in 2013 to better facilitate urban infill development that has streamlined entitlements, and context sensitive, flexible development standards.		
7) What fees do developers incur in the application process for Density Bonus projects, and how much are they?	Not applicable	No fee.		
8) Does your City collect a monitoring fee?	No	Yes	Yes	Does not currently collect a monitoring fee, but in process of conducting study.
8a) If yes, how often is the monitoring fee collected?		Semi annually	Annually	NA
8b) If yes, how much is the monitoring fee?		.15% of original loan amount. If there is a bond, than it is .15% of bond.		
9) Instead of providing restricted units on-site, can developers opt to pay in-lieu fees towards city-owned affordable housing development?	If subject to the Housing Opportunity Ordinance (Inclusionary Housing), then yes	No		
9a) If yes, how much are the in-lieu fees?	Various, however currently revising Housing Opportunity Ordinance. Under the new Ordinance, proposed at $15 per habitable s.f.			

APPENDIX IV Benchmarking

	Santa Ana	Sacramento	San Francisco	Glendale
10) How does your City monitor affordable housing units to ensure they are occupied by eligible tenants? For example, do you collect and review income verification documents from tenants or from owners?	City staff will inspect housing units 1-3 years to ensure Health and Safety for the tenants, as well as conduct on-site review of tenant files and income verification documents. Both are completed in a sampling of the units. In addition, the City request annual reports for the affordable units which includes a rent roll. Finally, City staff has started to monitor evictions of units while completing annual on-site visits.	No. SHRA reviews a minimum 20% sample annually. The owner/manager collect and verify to insure income qualification.	The Mayor's Office of Housing monitors the income and rent of the affordable and restricted units.	
11) Does your City have a contractor to monitor your affordable housing projects to ensure owners are complying with income verification requirements?	No	No	No	No
12) How often does your City monitor its contractor to ensure the contractor is correctly and efficiently monitoring affordable units?				
13) If your City has a contractor, how often does the contractor verify tenant incomes?				
14) Does your City distinguish between fixed and floating units?	No	Yes	SF does not allow floating units.	

APPENDIX IV Benchmarking

	Santa Ana	Sacramento	San Francisco	Glendale
15) Are the same monitoring standards used for monitoring market rate projects as for monitoring government subsidized projects? If so, please describe.	Currently, yes the same monitoring standards are utilized for both market rate projects and monitoring government subsidized projects. The City uses the HUD standards for inspections (DSS) and will put the unit on an inspection cycle between 1-3 years. The City also utilizes the same forms for the inspection of units and the file inspections.	With the exception of our Rental Housing Inspection Program, we do not monitor market-rate projects.		
16) What is your City's definition of occupancy noncompliance?	Lack of income verification document, restricted units not occupied by eligible tenants, tenants were not income qualified at entry, occupancy standards at unit entry (lease up)	Over income, overcharging of rent, not being in compliance with affirmative marketing requirements, not maintaining property standards, and any other violations of the loan agreement.		
17) What percentage of your City's Density Bonus restricted units are in compliance, i.e. occupied by only eligible households?	100%	I don't know.		Don't Know

APPENDIX IV Benchmarking

	Santa Ana	Sacramento	San Francisco	Glendale
18) How does your City enforce compliance?	Through recorded agreements with the developer and annual inspections.	SHRA has compliance violation fees, recommend change of property management, technical training to get management back on track. Otherwise owner goes into default on loan.	To enforce compliance with income requirements	
18a) Do you impose a penalty on owners if they are not complying?	No	Yes		No
18b) If you charge a noncompliance fee, how much is it?	No	Multiple fees		
19) Does your City have a process to remove ineligible tenants who no longer meet the income requirements?	Standard legal procedure	Yes	Yes. Once they exceed 55% of the Area Median Income, they have 6 months to transition out.	No

Appendix V
Detailed Menu of Density Bonus Incentives Per LAMC Section 12.22 A25 (f)

Tables in the City's Density Bonus Ordinance
LAMC Section 12.22 A25 (c)1 and (c)4

The tables dictate the percentage of (how many) Bonus Market Rate units a developer can include in a project if they agree to include the corresponding percentage of restricted affordable units.

% Very Low Income Units	% Density Bonus
5	20
6	22.5
7	25
8	27.5
9	30
10	32.5
11	35

% Low Income Units	% Density Bonus
10	20
11	21.5
12	23
13	24.5
14	26
15	27.5
16	29
17	30.5
18	32
19	33.5
20	35

% Moderate Income Units	% Density Bonus
10	15
11	16
12	17
13	18
14	19
15	20
16	21
17	22
18	23
19	24
20	25
21	26
22	27
23	28
24	29
25	30
26	31
27	32
28	33
29	34
30	35

Appendix VI
Detailed Menu of Density Bonus Incentives Per LAMC Section 12.22 A25 (f)

Menu of Incentives. Housing Development Projects that meet the qualifications of Paragraph (e) of this subdivision may request one or more of the following Incentives, as applicable:

1. **Yard/Setback.** Up to 20% decrease in the required width or depth of any individual yard or setback except along any property line that abuts an R1 or more restrictively zoned property provided that the landscaping for the Housing Development Project is sufficient to qualify for the number of landscape points equivalent to 10% more than otherwise required by Section 12.40 of this Code and Landscape Ordinance Guidelines "O."

2. **Lot Coverage.** Up to 20% increase in lot coverage limits, provided that the landscaping for the Housing Development Project is sufficient to qualify for the number of landscape points equivalent to 10% more than otherwise required by Section 12.40 of this Code and Landscape Ordinance Guidelines "O".

3. **Lot Width.** Up to 20% decrease from a lot width requirement, provided that the landscaping for the Housing Development Project is sufficient to qualify for the number of landscape points equivalent to 10% more than otherwise required by Section 12.40 of this Code and Landscape Ordinance Guidelines "O".

4. **Floor Area Ratio.**

   i. A percentage increase in the allowable Floor Area Ratio equal to the percentage of Density Bonus for which the Housing Development Project is eligible, not to exceed 35%; or

   ii. In lieu of the otherwise applicable Floor Area Ratio, a Floor Area Ratio not to exceed 3:1, provided the parcel is in a commercial zone in Height District 1 (including 1VL, 1L and 1XL), and fronts on a Major Highway as identified in the City's General Plan, and

      a. the Housing Development Project includes the number of Restricted Affordable Units sufficient to qualify for a 35% Density Bonus, and

b. 50% or more of the commercially zoned parcel is located in or within 1,500 feet of a Transit Stop/Major Employment Center.

A Housing Development Project in which at least 80% of the units in a rental project are Restricted Affordable Units or in which 45% of the units in a for-sale project are Restricted Affordable Units shall be exempt from the requirement to front on a Major Highway.

5. **Height.** A percentage increase in the height requirement in feet equal to the percentage of Density Bonus for which the Housing Development Project is eligible. This percentage increase in height shall be applicable over the entire parcel regardless of the number of underlying height limits. For purposes of this subparagraph, Section 12.21.1 A.10 of this Code shall not apply.

   i. In any zone in which the height or number of stories is limited, this height increase shall permit a maximum of eleven additional feet or one additional story, whichever is lower, to provide the Restricted Affordable Units.

      a. No additional height shall be permitted for that portion of a building in a Housing Development Project that is located within fifteen feet of a lot classified in the R2 Zone.

      b. For each foot of additional height the building shall be set back one horizontal foot.

   ii. No additional height shall be permitted for that portion of a building in a Housing Development Project that is located within 50 feet of a lot classified in an R1 or more restrictive residential zone.

   iii. No additional height shall be permitted for any portion of a building in a Housing Development Project located on a lot sharing a common lot line with or across an alley from a lot classified in an R1 or more restrictive zone. This prohibition shall not apply if the lot on which the Housing Development Project is located is within 1,500 feet of a Transit Stop but no additional height shall

be permitted for that portion of a building in the Housing Development Project that is located within 50 feet of a lot classified in an R1 or more restrictive residential zone.

6. **Open Space.** Up to 20% decrease from an open space requirement, provided that the landscaping for the Housing Development Project is sufficient to qualify for the number of landscape points equivalent to 10% more than otherwise required by Section 12.40 of this Code and Landscape Ordinance Guidelines "O".

7. **Density Calculation.** The area of any land required to be dedicated for street or alley purposes may be included as lot area for purposes of calculating the maximum density permitted by the underlying zone in which the project is located.

8. **Averaging of Floor Area Ratio, Density, Parking or Open Space, and permitting Vehicular Access.** A Housing Development Project that is located on two or more contiguous parcels may average the floor area, density, open space and parking over the project site, and permit vehicular access from a less restrictive zone to a more restrictive zone, provided that:

   i. the Housing Development Project includes 11% or more of the units as Restricted Affordable Units for Very Low Income households, or 20% of the units for Low Income households, or 30% of the units for Moderate Income households; and

   ii. the proposed use is permitted by the underlying zone(s) of each parcel; and

   iii. no further lot line adjustment or any other action that may cause the Housing Development Project site to be subdivided subsequent to this grant shall be permitted.

Appendix VII
Income and Rent Limit Tables

Land Use/Density Bonus Schedule VI

This schedule was used by HCID to determine the income and rent limits for the restricted affordable units under the Density Bonus program.

Los Angeles HOUSING+COMMUNITY Investment Department

Eric Garcetti, Mayor
Rushmore D. Cervantes, General Manager

LOS ANGELES HOUSING & COMMUNITY INVESTMENT DEPARTMENT

2014 Income and Rent Limits - Land Use Schedule VI

Effective Date: July 1, 2014

Density Bonus

2013 MFI	$64,800	MFI change	
2014 MFI	$64,800	from 2014=	0.00%

Table I: Qualifying Maximum Income Levels Based on Family Size from State Income Limits for 2014

	Family Size							
Income Level	**One**	**Two**	**Three**	**Four**	**Five**	**Six**	**Seven**	**Eight**
Extremely Low (30%)	$17,950	$20,500	$23,050	$25,600	$27,650	$29,700	$31,750	$33,800
Very Low (50%)	$29,900	$34,200	$38,450	$42,700	$46,150	$49,550	$52,950	$56,400
Low (60% / 80%)	$47,850	$54,650	$61,500	$68,300	$73,800	$79,250	$84,700	$90,200
Moderate (120% / 110%)	$54,450	$62,200	$70,000	$77,750	$83,950	$90,200	$96,400	$102,650

Table II: Maximum Allowable Rent Levels

	Number of Bedrooms				
Rent Level	**Single**	**One**	**Two**	**Three**	**Four**
Extremely Low (30%)	$326	$373	$419	$466	$503
Very Low (50%)	$543	$621	$699	$776	$838
Low (60% / 80%)	$652	$745	$838	$932	$1,006
Moderate (120% / 110%)	$1,195	$1,366	$1,537	$1,708	$1,844

The annual allowable automatic rent adjustment rate for rental units subject to the Rent Stabilization Ordinance (RSO) is currently 3%.

Appendix VII
Income and Rent Limit Tables

Land Use Schedule II

This schedule was used by HCID to determine the income and rent limits for the restricted affordable units under HCID's other affordable housing programs.

Los Angeles HOUSING+COMMUNITY Investment Department

Eric Garcetti, Mayor
Rushmore D. Cervantes, General Manager

LOS ANGELES HOUSING & COMMUNITY INVESTMENT DEPARTMENT

2014 Income and Rent Limits - Mello Schedule II / LU Schedule VII (HCD Gross Rents)

Effective Date: July 1, 2014

2013 MFI	$64,800	MFI change	
2014 MFI	$64,800	from 2014=	0.00%

Table I: Qualifying Maximum Income Levels Based on Family Size

	Family Size							
Income Level	**One**	**Two**	**Three**	**Four**	**Five**	**Six**	**Seven**	**Eight**
Very Low	$29,900	$34,200	$38,450	$42,700	$46,150	$49,550	$52,950	$56,400
Low/Lower	$47,850	$54,650	$61,500	$68,300	$73,800	$79,250	$84,700	$90,200
Moderate	$54,450	$62,200	$70,000	$77,750	$83,950	$90,200	$96,400	$102,650

Table II: Maximum Allowable Rent Levels

	Number of Bedrooms				
Rent Level	**Single**	**One**	**Two**	**Three**	**Four**
Very Low	$567	$648	$729	$810	$875
Lower	$680	$778	$875	$972	$1,050
Low	$907	$1,037	$1,166	$1,296	$1,400
Moderate	$1,247	$1,426	$1,604	$1,782	$1,925

Note: This Schedule is HCD Gross Rent Schedule for Projects with AHTF funding and Mello program Covenant.

The annual allowable automatic rent adjustment rate for rental units subject to the Rent Stabilization Ordinance (RSO) is currently 3%.

Appendix VIII
Results of Direct Mailings to Tenants Who Did Not Report Any Income in 2014

Summary of Responses to Units that Reported $0 Income in 2014	
Total Letters Sent Initially	1,181
Total Responses Received	248
Total Letters Returned to Sender	152
	1,029
Response Rate (Not including returned letters)	24%
Reported Income Exceeds the Income threshold in UFBA 2014 report	8 3%

Responses by Program Type						
BOND	CRA	Earthquake	Land Use	Major Project	NPP	Total
11	116	51	39	28	3	248
4%	47%	21%	16%	11%	1%	

Q1. Does the Owner ask for income documentation once a year?			
Blank	No	Yes	Total
8	32	208	248
3%	13%	84%	

Q2. How many people lived in the Unit in 2014?							
1-one person	2-two people	3-three people	4-four people	5-five people	6-six people or more	Blank	Total
146	39	24	16	11	5	7	248
59%	16%	10%	6%	4%	2%	3%	

Q3. How many years have you lived in this unit?								
0-1 year	1-2 years	2-3 years	3-4 years	4-5 years	5-6 years	6 years or more	Blank	Total
36	31	23	31	13	12	100	2	248
15%	13%	9%	13%	5%	5%	40%	1%	

Appendix IX
Results of Developer Survey

Total Responses - 19							
1. How did you/your Firm become aware of the City's Density Bonus program?	**#/ %**	**2. Does your Firm have plans to participate in the City's Density Bonus program again in the future?**	**#/%**	**3. If your Firm does not plan to participate in the City's Density Bonus program again, why not?**	**#/%**	**4. Would your Firm be willing to pay a fee to expedite the covenant preparation process?**	**#/%**
Department of Building and Safety Staff*	0/0%	Yes	16/84%	The process added too much time to project timeline.	4/21%	Yes	17/89%
Department of City Planning Staff	4/21%	No	3/16%	The number of bonus market rate units offered by City is not appealing enough.	1/5%	No	2/11%
Other City of Los Angeles Department Staff	1/5%	Other	0%	The number of affordable/restricted units required by the City to qualify for the bonus units is too burdensome		Other	
Other Development Firm	3/16%	Blank	0%	The additional profit from the bonus units does not exceed the cost incurred by providing affordable/restricted units.		Blank	
More than one option selected	4/21%			Other	0		
Other	6/32%			Blank	0		
Blank	1/5%						
Totals	19/100%		19/100%		5/26%		19/100%

*DBS staff is included in "More than one option selected"

APPENDIX X
Departments' Response and Action Plan

As part of our audit protocol, we requested a formal response and action plan from each Department involved in the audit.

A formal response, including comments and planned actions, was received from the Housing and Community Investment Department; the Department of Building and Safety; and the Department of City Planning, which are included in this section. It should be noted that all three departments have already begun to implement the audit's recommendations.

Los Angeles
HOUSING+COMMUNITY
Investment Department

Eric Garcetti, Mayor
Rushmore D. Cervantes, General Manager

INTER-DEPARTMENTAL MEMORANDUM

TO:	**SIRI A. KHALSA, CPA** **OFFICE OF THE CONTROLLER**
FROM:	**RUSHMORE CERVANTES, GENERAL MANAGER** **HOUSING + COMMUNITY INVESTMENT DEPARTMENT**
DATE:	**OCTOBER 20, 2016**
REGARDING:	**FORMAL RESPONSE TO AUDIT REPORT ENTITLED, "IMPACT OF THE CITY'S DENSITY BONUS PROGRAM ON AFFORDABLE HOUSING"**

In response to your request dated September 22, 2016, please find attached the matrix with the Office of the Controller's findings and recommendations. HCID has provided comments and planned actions on this matrix. Please consider this HCID's formal response to the audit report entitled, "Impact of the City's Density Bonus Program on Affordable Housing."

If you have additional questions regarding the responses or status of the recommendations, please contact Helmi Hisserich at (213) 808-8662 or Helmi.Hisserich@lacity.org.

Attachment.

Report Title: Impact of the Density Bonus Incentive Program on Affordable Housing
Department Responsible for Implementation: **Housing (HCID)**
Reported Status Date: October 20, 2016

				Department Reported Information			
Finding #	**Summary Description of Finding**	**Reco No**	**Recommendation**	**Current Status**	**Basis for Status**	**If I/P, % Complete**	**Target Date for Implementation**
Section I	**Density Bonuses: Unclear Benefits for Affordable Housing**						
1	None of the administering Departments separately track or report the number of additional units, including the incremental affordable housing units, generated by the Program. Further, the City does not effectively track applications and approvals for Density Bonuses and only began tracking the Land Use restricted affordable units in 2008.		To accurately determine the impact of the Density Bonus program on the City's affordable housing inventory, DCP, HCID and DBS should:		Currently working with DCP and DBS to improve the City's affordable housing inventory tracking.	0%	2017
		1.3	Work together to track the number of units a developer proposed prior to the Density Bonus calculation (base units), and the number of approved incremental bonus units. In addition, separately identify bonus units as either market rate or restricted as affordable, and determine the incremental affordable units that are created through the program.	PI			
1	None of the administering Departments separately track or report the number of additional units, including the incremental affordable housing units, generated by the Program. Further, the City does not effectively track applications and approvals for Density Bonuses and only began tracking the Land Use restricted affordable units in 2008.		To enable reporting on the types of Density Bonus units that were requested, approved and constructed, HCID Management should:		Currently have a standardized template in place and continue to work with the City Attorney to improve the template on an on-going basis. HCID will work with the Systems Unit to create a link on the HCID website to access City Clerk's website for a copy of the covenant.	50%	n/a
		1.5	Develop a standardized template for the Density Bonus covenants. Consider making each recorded covenant publicly accessible and mapping each project location on the department's internet site.	PI			
			To overcome report shortcomings and evaluate the effectiveness of the Density Bonus programs DBS, DCP and HCID should:		Currently working with DCP and DBS to develop a unique identifier for all projects in all departments.	0%	2017
		1.6	Consider developing and using a unique identifier for all projects that can be used by all departments involved in administering development projects. This would enable stakeholders to track the projects' progression and report on the status of various milestones.	PI			
2	HCID does not report the occupancy compliance rate (income and rent) of the restricted units under the Density Bonus program or the City's entire affordable housing inventory to stakeholders.		To assess whether the City's affordable housing supply (including Density Bonus units) remains affordable, HCID management should:		UFBA currently provides monthly compliance report. HCID will work with UFBA to generate an enhanced report to assess the compliance rate.	50%	2017
		2.1	Work with UFBA to generate a monthly/quarterly report on the compliance status for each unit monitored. This should be used to assess the compliance rate for the City's affordable housing inventory.	PI			
		2.2	Develop a standard format for entering project/address information in HIMS and CMS to enable HCID to efficiently identify projects and determine the number of restricted units to ensure unduplicated unit counts.	I	HCID has developed a standard format for entering project/address information in HIMS and CMS. New projects that are sent to UFBA use this standard format.	100%	n/a
		2.3	Continue to ensure that Land Use units subject to multiple program restrictions are only monitored once against the most restrictive requirements.	I	HCID will continue to ensure that Land Use units subject to multiple program restrictions are only monitored once against the most restrictive requirements.	100%	n/a

I - Implemented
PI - Partially Implemented
NI - Not Implemented
D - Disagree

Report Title: Impact of the Density Bonus Incentive Program on Affordable Housing
Department Responsible for Implementation: **Housing (HCID)**
Reported Status Date: October 20, 2016

				Department Reported Information			
Finding #	**Summary Description of Finding**	**Reco No**	**Recommendation**	**Current Status**	**Basis for Status**	**If I/P, % Complete**	**Target Date for Implementation**
Section II	**The City Cannot Enforce Compliance for All Affordable Housing Programs**						
3	The City's actual affordable housing inventory is less than the number of restricted units listed on paper, because some tenants exceed income guidelines and some owners collect more rent than allowed. Our analysis found that 6.8% (1,946) of the units exceeded affordability restrictions, such as restrictions on household income (1.6%) or rent (5.2%).	To ensure the City's affordable housing stock is occupied only by those who are most in need, HCID should develop and propose the following to Policy Makers:					
		3.1	An over-income threshold for tenants who occupy restricted units.	PI	HCIDLA has determined that it will establish an over-income threshold, which is consistent with other affordable housing funding restrictions. If a household is deemed to be over-income, HCIDLA will implement a rent increase (i.e. rent to be charged at 30% of income) without eviction, for over-income tenants residing in restricted units. This policy will apply only to units that are only restricted by a Land Use covenant, so that there is no programmatic conflict with other funding sources/programs, which allow tenants to go over-income without raising their rent. Within the next 90 days, HCID will draft language for the City Attorney's consideration to amend the covenant to include this over-income remedy.	10%	2017
		3.2	Removal or transitional policies for tenants that surpass the over-income threshold.	D	Implementing removal policies for over-income tenants would create displacement of tenants in a housing market with high rents and low vacancy rates. It may also cause the unintended consequences of encouraging people to under-report income or to dis-incentivize increasing tenant's household income. Instead, HCIDLA, in consultation with City Attorney, will review the implement a rent increase (i.e. rent to be charged at 30% of income) for over-income tenants residing in restricted units, without eviction.	n/a	n/a
		3.3	A timeline/deadline transitional tenants will have to meet, when required to vacate a restricted unit.	D		n/a	n/a

I - Implemented
PI - Partially Implemented
NI - Not Implemented
D - Disagree

Report Title: Impact of the Density Bonus Incentive Program on Affordable Housing
Department Responsible for Implementation: **Housing (HCID)**
Reported Status Date: October 20, 2016

				Department Reported Information			
Finding #	**Summary Description of Finding**	**Reco No**	**Recommendation**	**Current Status**	**Basis for Status**	**If I/P, % Complete**	**Target Date for Implementation**
3	The City's actual affordable housing inventory is less than the number of restricted units listed on paper, because some tenants exceed income guidelines and some owners collect more rent than allowed. Our analysis found that 6.8% (1,946) of the units exceeded affordability restrictions, such as restrictions on household income (1.6%) or rent (5.2%).	To ensure initial income certifications are completed in a timely manner, HCID and DBS management should:					
		3.4	Consider implementing an automated process to ensure HCID's Occupancy Monitoring Unit is immediately notified when a Certificate of Occupancy is issued for a Housing project with restricted units.	PI	Working with HCIDLA Systems and DBS to implement.	0%	2017
		In an effort to maximize the number of affordable housing options in the City, HCID should urge policy makers to:					
		3.5	Consider restricting the use of Housing Choice Vouchers (HCV) to non-HOME financed, privately owned-units.	D	HCIDLA disagrees that tenants with HCV should be prohibited from living in a restricted unit due to their source of income, a HCV. The impact of implementing a prohibition of Section 8 in restricted units would increase the existing hardship that voucher holders experience in finding landlords to accept Section 8 due to the extremely high rents and low vacancy rates in Los Angeles. This exclusion of Section 8 tenants also runs counter to a mandate of the major funding source of the Affordable Housing Trust Fund; HOME prohibits turning down tenants with Section 8.	n/a	n/a
		To provide additional transparency and maintain institutional knowledge, HCID should:					
		3.6	Ensure all of the processes, procedures and polices relevant to monitoring the City's affordable housing inventory are clearly documented.	PI	In process.	10%	2017
6	HCID has not consistently collected an annual monitoring fee from owners to help cover the costs of monitoring the restricted units to ensure compliance with income and rent guidelines.	**6.1**	Review the current monitoring fee amount of $135 per restricted unit, to ensure it is appropriate and continue to collect it for each affordable unit monitored on an annual basis.	I	Completed review; Land Use Fees Transmittal approved by the Mayor pending final ordinance by the City Attorney.	100%	2016

I - Implemented
PI - Partially Implemented
NI - Not Implemented
D - Disagree

BOARD OF
BUILDING AND SAFETY
COMMISSIONERS

VAN AMBATIELOS
PRESIDENT

E. FELICIA BRANNON
VICE PRESIDENT

JOSELYN GEAGA-ROSENTHAL
GEORGE HOVAGUIMIAN
JAVIER NUNEZ

CITY OF LOS ANGELES
CALIFORNIA

ERIC GARCETTI
MAYOR

DEPARTMENT OF
BUILDING AND SAFETY
201 NORTH FIGUEROA STREET
LOS ANGELES, CA 90012

FRANK M. BUSH
GENERAL MANAGER

OSAMA YOUNAN, P.E.
EXECUTIVE OFFICER

October 11, 2016

Ms. Siri A. Khalsa, CPA
Interim Director of Auditing
Office of the Controller
200 N. Main St., 4th Floor
Los Angeles, CA 90012

Dear Ms. Khalsa,

In response to your letter dated September 22, 2016 regarding the final draft audit report entitled, "Impact of the City's Density Bonus Program on Affordable Housing," we have reviewed the report and provided our Department's planned actions and responses in the attached DBS recommendations matrix. In summary, we will be working closely with HCIDLA and Planning to implement the recommendations.

If you have any questions or comments you would like to discuss, please contact me at Frank.Bush@lacity.org or (213) 482-6800.

Sincerely,

for Frank Bush

Frank Bush
General Manager

Enclosure

cc: Sydia Reese, Internal Auditor

AN EQUAL EMPLOYMENT OPPORTUNITY - AFFIRMATIVE ACTION EMPLOYER

Report Title: Impact of the Density Bonus Incentive Program on Affordable Housing

Department Responsible for Implementation: **Building & Safety (DBS)**

Reported Status Date: 10/11/2016

				Department Reported Information			
Finding #	Summmary Description of Finding	Reco No	Recommendation	Current Status	Basis for Status	If I/P, % Complete	Target Date for Implementation
Section I	**Density Bonuses: Unclear Benefits for Affordable Housing**						
1	None of the administering Departments separately track or report the number of additional units, including the incremental affordable housing units, generated by the Program. Further, the City does not effectively track applications and approvals for Density Bonuses and only began tracking the Land Use restricted affordable units in 2008.	To accurately determine the impact of the Density Bonus program on the City's affordable housing inventory, DCP, HCID and DBS should:					
		1.3	Work together to track the number of units a developer proposed prior to the Density Bonus calculation (base units), and the number of approved incrementa bonus units. In addition, separately identify bonus units as either market rate or restricted as affordable, and determine the incremental affordable units that are created through the program.	NI	Work together with HCID and Planning	0%	Dec-16
		To enable reporting on the types of Density Bonus units that were requested, approved and constructed, DBS Management should:					
		1.4	Consider updating the Plan Check and Inspection System similar to the updates the Department of City Planning is incorporating in the Planning Case Tracking System.	NI	Work together with HCID and Planning	0%	Dec-16
1	None of the administering Departments separately track or report the number of additional units, including the incremental affordable housing units, generated by the Program. Further, the City does not effectively track applications and approvals for Density Bonuses and only began tracking the Land Use restricted affordable units in 2008.	To overcome report shortcomings and evaluate the effectiveness of the Density Bonus programs DBS, DCP and HCID should:			Currently working on Build LA which provides the mechanism to assign a unique identifer for all projects that can be used by all departments. This is dependent on a contract being signed this December 2016 for completion and delivery by January 2018.	10%	Jan-18
		1.6	Consider developing and using a unique identifier for all projects that can be used by all departments involved in administering development projects. This would enable stakeholders to track the projects' progression and report on the status of various milestones.	PI			

Report Title: Impact of the Density Bonus Incentive Program on Affordable Housing

Department Responsible for Implementation: **Building & Safety (DBS)**

Reported Status Date: 10/11/2016

				Department Reported Information			
Finding #	**Summmary Description of Finding**	**Reco No**	**Recommendation**	**Current Status**	**Basis for Status**	**If I/P, % Complete**	**Target Date for Implementation**
Section II	**The City Cannot Enforce Compliance for All Affordable Housing Programs**						
3	The City's actual affordable housing inventory is less than the number of restricted units listed on paper, because some tenants exceed income guidelines and some owners collect more rent than allowed. Our analysis found that 6.8% (1,946) of the units exceeded affordability restrictions, such as restrictions on household income (1.6%) or rent (5.2%).	To ensure initial income certifications are completed in a timely manner, HCID and DBS management should:					
		3.4	Consider implementing an automated process to ensure HCID's Occupancy Monitoring Unit is immediately notified when a Certificate of Occupancy is issued for a Housing project with restricted units.	NI	Working with with HCIDLA Systems to implement	0%	2017

I - Implemented
PI - Partially Implemented
NI - Not Implemented
D - Disagree

FORM GEN. 160 (Rev. 6-80)

CITY OF LOS ANGEL.ES
INTER-DEPARTMENTAL CORRESPONDENCE

October 13, 2016

TO: Siri A. Khalsa, CPA
Interim Director of Auditing
Office of the Controller

FROM: Vincent P. Bertoni, AICP
Director of Planning
Department of City Planning

SUBJECT: **RESPONSE TO FINAL DRAFT AUDIT REPORT "IMPACT OF THE DENSITY BONUS PROGRAM ON AFFORDABLE HOUSING"**

Thank you for the opportunity to review the Controller's Office final draft audit of the Density Bonus program. Upon my appointment as Director of Planning this year, the Department of City Planning (DCP) has prioritized affordable housing in a number of work programs across Department divisions—through policy, entitlement review and clearances, and operational improvements. I am fully committed to improving our planning processes and procedures in all aspects of the DCP's operations to achieve positive outcomes in the production of affordable housing, and working collaboratively with your office to identify future areas of change.

The DCP is charged with implementing housing policies through individual project entitlement review, and through developing ordinances and Municipal Code updates for City Planning Commission, City Council, and Mayoral consideration. The Department's emphasis on quality affordable housing production is evidenced by the recently accelerated initiation of affordable housing and density bonus policy work, a new dedicated BuildLA unit, and a new Priority Housing Project Program that operates with expedited functions across the Department. Additional details on these work programs are provided in subsequent pages in specific responses.

I support the full evaluation of the Density Bonus process, policy, and practice, with the goal of creating additional housing that is affordable to low income households. To this end, I will also work closely with the Housing and Community Investment Department (HCID) and the Department of Building and Safety (DBS) to integrate recommended procedures and improve the intersecting responsibilities outlined in this report.

The following pages include responses to your recommendations. For additional assistance or follow up on the comments below, please contact Lisa Webber, Deputy Director (213-978-1274 / lisa.webber@lacity.org), or Shana Bonstin, Principal City Planner (213-978-1217 / shana.bonstin@lacity.org).

DEPARTMENT OF CITY PLANNING COMMENTS ON DENSITY BONUS AUDIT

Recommendation No. 1.2: (Mayor and Council should...) Request an analysis from DCP/DBS/HCID identifying the percentage set-asides and the on-menu incentives requested by developers in prior Density Bonus projects to determine which have been most effective in encouraging Developers to participate in the Density Bonus program, and consider revising the ordinance to increase outcomes.

The Department recently prioritized affordable housing in our long range policy work program, and this year created a Housing Policy Unit designed to focus on these efforts. An update to the Density Bonus Ordinance and Affordable Housing Incentive Guidelines (AHIG) began work in July 2016. Background work has been done to identify areas that require revision. The team is compiling data on existing cases and cataloging which incentives were used most frequently. A component of the policy program will be to work with developers to receive practical input and feedback from the completion of projects in previous cases.

As a part of the Density Bonus Ordinance amendment, the Department will be reevaluating the processes with an aim to streamline procedures such that compliance review could be accomplished by a ministerial sign-off process or a Director-level determination, in lieu of a lengthier approval and determination at the City Planning Commission level. This would also serve to address the concern noted in the summary section of the audit (bottom of page ii), stating that some developers said the existing "process added too much time to their project timeline" to continue to utilize it.

Recommendation No. 1.3: (DCP, HCID, and DBS should...) Work together to track the number of units a developer proposed prior to the Density Bonus Calculation (base units) and, the number of approved incremental bonus units. In addition, separately identify bonus units as either market rate or restricted as affordable, and determine the incremental affordable units that are created through the program.

The DCP is committed to coordinating with HCID and DBS to track the units as recommended by your report. Currently, the Department captures housing unit data for projects when application forms with detailed calculations are submitted and reviewed as part of the DCP entitlement process. Potential future upgrades to the Department's Planning Case Tracking System (PCTS) and the Dwelling Unit Data Tracking function include the creation of new fields to electronically capture this data—incremental bonus units and whether they are market rate or restricted affordable. Furthermore, in working with HCID and DBS, this effort can be coordinated to complement the DBS permitting and HCID covenant recordation processes and also capture data for ministerial projects.

Recommendation 1.6: (DBS, DCP, and HCID should...) Consider developing and using a unique identifier for all projects that can be used by all departments involved in administering development projects. This would enable stakeholders to track the projects' progression and report on the status of various milestones.

The DCP is actively collaborating with DBS on the BuildLA program, which will permit a single application tracking system for use by all departments within the City. A function of this program will be a unique project identifier, equivalent to a "universal" identification number. This year, DCP filled the initial staffing positions for the dedicated BuildLA efforts, in anticipation of commencing work with the consultant, Accela, by the end of the year.

As well, the Department created the Priority Housing Project Program (PHP) this year, in response to the Mayor's Executive Directive 13. The program offers streamlined processing services for qualifying (20%+) affordable housing projects. Prioritization occurs with dedicated staff in each geographically-organized Project Planning Division and Affordable Housing Liaisons at our Development Services Center and the Citywide Policy Division. A housing scorecard has been developed to track the Department's progress. Since January 2016, 20 new projects with a total of 1,883 units have been filed and are being monitored through this program.

Recommendation No. 4.1: (DCP should...) Ensure that the entitlement fee study is completed as soon as possible and implement the appropriate fees in a timely manner.

The DCP received funding to conduct a comprehensive fee study in Fiscal Year 2014/15 and initiated the study in January 2015. The contractor has been working with staff to conduct the fee study and analysis, which includes a review of Density Bonus related fees. A draft report from the contractor is expected this month, October 2016, and the Department is preparing a report on fee revisions to achieve full cost recovery to the City Council. This will address a portion of the concern that existing fees do not cover administrative costs associated with Density Bonus review.

Attachment

VPB:LW:cf

Report Title: Impact of the Density Bonus Incentive Program on Affordable Housing
Department Responsible for Implementation: City Planning (DCP)
Reported Status Date: October 13, 2016

				Department Reported Information			
Finding #	Summmary Description of Finding	Reco No	Recommendation	Current Status	Basis for Status	If I/P, % Complete	Target Date for Implementation
Section I	Density Bonuses: Unclear Benefits for Affordable Housing						
1	None of the administering Departments separately track or report the number of additional units, including the incremental affordable housing units, generated by the Program. Further, the City does not effectively track applications and approvals for Density Bonuses and only began tracking the Land Use restricted affordable units in 2008.		To accurately determine the impact of the Density Bonus program on the City's affordable housing inventory, DCP, HCID and DBS should:	PI	Currently, the Department captures housing unit data for projects when application forms with detailed calculations are submitted and reviewed as part of the DCP entitlement process. Potential future upgrades to the Department's PCTS and the Dwelling Unit Data Tracking function include new fields to electronically capture this data—incremental bonus units and whether they are market rate or restricted affordable. Furthermore, in working with HCID and DBS, this effort can be coordinated to complement the DBS permitting and HCID covenant recordation processes and also capture data for ministerial projects	50%	Dec-16
		1.3	Work together to track the number of units a developer proposed prior to the Density Bonus calculation (base units), and the number of approved incremental bonus units. In addition, separately identify bonus units as either market rate or restricted as affordable, and determine the incremental affordable units that are created through the program.				
	None of the administering Departments separately track or report the number of additional units, including the incremental affordable housing units, generated by the Program. Further, the City does not effectively track applications and approvals for Density Bonuses and only began tracking the Land Use restricted affordable units in 2008.		To overcome report shortcomings and evaluate the effectiveness of the Density Bonus programs DBS, DCP and HCID should:			80%	Dec-16
		1.6	Consider developing and using a unique identifier for all projects that can be used by all departments involved in administering development projects. This would enable stakeholders to track the projects' progression and report on the status of various milestones.	PI	DCP is actively collaborating with DBS on the BuildLA program, which will permit a single application tracking system for use by all departments. A function of this program will be a unique project identifier, equivalent to a "universal" identification number. This year, DCP filled the initial staffing positions for the dedicated BuildLA efforts, in anticipation of commencing work with the consultant, Accela, by the end of the year.		
Section III	The City is Missing Opportunities to Collect Density Bonus Related Fees from Developers						
4	Density Bonus related fees collected by the Department of City Planning have not been updated since 2011. There is a risk that fees do not cover the administrative costs to review the Density Bonus entitlement applications.	4.1	Ensure that the entitlement fee study is completed as soon as possible and implement the appropriate fees in a timely manner.	PI	DCP received funding to conduct a fee study and initiated the study in January 2015. The fee study and analysis includes a review of Density Bonus related fees. A draft report is expected this month, October 2016, and the Department is preparing a report on fee revisions to achieve full cost recovery to the City Council.	95%	Dec-16

I - Implemented
PI - Partially Implemented

Exhibit V

LA Times

Los Angeles Times

ADVERTISEMENT

CALIFORNIA

In L.A., conditions placed on developers go unheeded

"It bothers me that the community was taken advantage of," said land use consultant Robert Cherno about the deal with the Grove. (Luis Sinco / Los Angeles Times)

By EMILY ALPERT REYES AND DAVID ZAHNISER

JAN. 6, 2015 | 6 AM

Worried about how new shops, bars and apartments might affect Los Angeles neighborhoods, community groups and city officials have tried to tie strings to local development.

They have demanded parking spots to ease the crunch on crowded streets, sought to limit the hours businesses can stay open, and even insisted on community perks such as a senior center. But many neighborhood activists complain that once the city gives the green light for development, those promises are overlooked.

For example, in the Fairfax area, the Grove was supposed to include a 500-square-foot employment office along with its gleaming shops and buzzing restaurants, according to planning documents. Yet last year — more than a decade after the mall opened — the city planning department found that no such job center existed.

The Grove developer, Caruso Affiliated, created a new online portal for hiring and said it was providing job postings and applications at its concierge desk, steps that satisfied the planning department. But that happened only after years of hectoring by a local consultant, who remains unconvinced that the developer and property owner Gilmore Co. fulfilled their promises.

ADVERTISING

“It bothers me that the community was taken advantage of,” said land use consultant Robert Cherno. “I’m not asking them to do anything they’re not supposed to do.”

Another case recently landed the city in court: The developer of a 22-story apartment building in Hollywood was required by the planning department to preserve the facade of the Old Spaghetti Factory, a restaurant building on the site. Yet two years ago, the developer obtained a permit from another city agency to raze the entire structure. A similar facade was built in its place.

In an internal email, one city official called it a “demo permit fiasco.” A judge invalidated construction permits for the building last year, throwing its future into question.

And in yet another case, city planners required the 526-unit Da Vinci apartment project alongside the 110 Freeway to have a ventilation system with higher-strength air filters to capture some of the particles produced from vehicle exhaust. Developer G.H. Palmer Associates did not take steps to install the proper equipment until after The Times began asking city officials about the requirement, a Building and Safety spokesman said.

City officials say thin staffing at the Department of Building and Safety and a monitoring system driven by complaints rather than proactive enforcement has made it harder to ensure that such conditions are followed. Such “conditions of approval” are requirements that a project must satisfy to comply with municipal and environmental

rules, planning officials say.

The problem has persisted over time. Five and a half years ago, then-Controller Laura Chick said she had long wondered who made sure developers adhered to such restrictions.

“The answer is, ‘No one,’” Chick wrote in an introduction to a related audit. Her report found that none of the city departments involved in vetting new developments could ensure that such promises were kept.

In reaction, city departments pledged to coordinate better and change their ways. But the same complaints emerged again two years ago, when City Councilman Paul Koretz wrote in CityWatch, an independent newsletter and website on neighborhood issues, that the “valiant and unstinting efforts” of local groups to impose restrictions were not necessarily paying off.

In the face of such frustrations, the city created a new team in the planning department in 2013. It is focused exclusively on new cases in which businesses have agreed to specific conditions in order to serve alcohol or provide live entertainment.

“The system is set up, right now, basically on the honor system,” said Rocky Wiles, supervisor of the Condition Compliance Unit. “We shouldn’t rely on the community to be enforcing these conditions. It should be the department. But that takes a lot of resources.”

Her unit currently has four employees, including Wiles herself. Wiles wants to charge new fees that will pay for more workers to conduct spot inspections of projects, but it is unclear when the unit will be able to tackle other conditions besides those tied to alcohol and live entertainment.

Critics argue that beyond the new unit, the problem needs to be tackled systematically,

with a transparent way to watchdog all kinds of projects once they are completed. “There needs to be regular monitoring. And there needs to be definitive actions based on the findings,” said Mike Eveloff, president of the advocacy group Fix the City.

Part of the problem is that the city and its planners sometimes impose conditions that it has no practical way to enforce, said Building and Safety spokesman Luke Zamperini. Though the planning department crafts conditions, his agency is responsible for investigating alleged violations.

Zamperini said that in one case, a Jewish school was required to have only “so many people in there for so many purposes” after certain hours — a rule that would require an inspector to stop in and question people about why they were there, he said. When a Building and Safety inspector tried to meet with a school official during Friday religious services, it spurred an uproar.

“He had no idea it was Yom Kippur,” a major religious holiday, Zamperini said.

Planning officials also say that some kinds of conditions that have been offered up by businesses cannot be legally enforced, either because they are not tied to planning department findings about how the development will affect the area, or because they fall under the jurisdiction of another agency, such as the California Department of Alcoholic Beverage Control.

Nearly a year ago, City Atty. Mike Feuer warned a Venice neighborhood group that some kinds of conditions related to selling alcohol — including banning the sale of single cans or limiting the number of exterior signs advertising alcohol — were prohibited. David Greene, president of the Eagle Rock Neighborhood Council, said he now tells residents to think carefully about whether they want new businesses that serve alcohol, instead of trying to soften their effects with restrictions on hours, signage or operations.

“There’s no system to enforce them,” Greene said.

Last year, the planning department found that there was no evidence of the jobs program and recruiting office that had been promised at the Grove. Associate Zoning Administrator David Weintraub said that since then, the developer had created a jobs website and provided space at its concierge desk for job seekers to meet the requirements. Caruso Affiliated sent a statement to The Times saying it was confident that it was “satisfying the hundreds of conditions outlined … for the property.”

Cherno is still not convinced. In addition to the jobs center, Cherno and Diana Plotkin — president of the Beverly Wilshire Homes Assn.— point to a provision that promises a 3,000-square-foot senior center for the use of the community. The planning department says an existing community room on the second floor of the Historic Farmer’s Market met that requirement.

Plotkin said that wasn’t what they expected when they worked out the conditions. Cherno said one condition required that the local City Council office be involved in the design of the community center, but the Farmers Market room was built before 1939. And the space is reached by a flight of stairs that makes it inaccessible for people in wheelchairs.

Weintraub said the room was not in violation of city rules because it was built before wheelchair accessibility was required. He said the council office had vetted and approved the community room, which has been heavily used — holding more than 1,800 meetings last year, according to the company.

Twelve years ago, the Beverly Wilshire Homes Assn. sued the city and the Grove owner over the community room and other conditions. The attorney who represented them, Rob Glushon, said they eventually struck a settlement after securing funding for traffic control but abandoned the quest for a new community room because he thought the wording was not clear enough to keep pushing. When asked about the promises tied to

the Grove, Councilman Tom LaBonge said he had never gotten a complaint about what he called “a much loved center of community activity.”

His deputy, Renee Weitzer, argued the Grove had met the requirements to provide a job center.

“They have an office. They have a bulletin board. That’s considered a job center,” Weitzer said.

emily.alpert@latimes.com

david.zahniser@latimes.com

Follow @LATimesemily and @DavidZahniser for news about L.A. City Hall

CALIFORNIA

The stories shaping California

Get up to speed with our Essential California newsletter, sent six days a week.

Enter Email Address

SIGN ME UP

You may occasionally receive promotional content from the Los Angeles Times.

Emily Alpert Reyes

Twitter Instagram Email Facebook

Emily Alpert Reyes covers City Hall for the Los Angeles Times.

David Zahniser

Twitter Instagram Email Facebook

David Zahniser covers Los Angeles City Hall for the Los Angeles Times.

Latest in California

READ MORE

The Bear fire nearly wiped this town off the map.

Miraculously, one landmark survived

SUBSCRIBERS ARE READING

CALIFORNIA

Inside the epic battle to save Mt. Wilson Observatory from the Bobcat fire

OPINION

Our reckoning with racism

OPINION

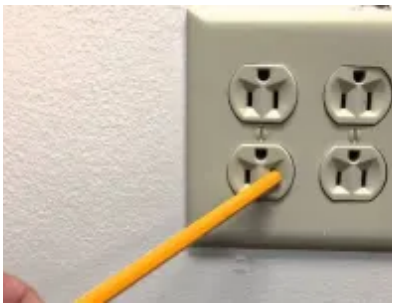
An examination of The Times' failures on race, our apology and a path forward

CALIFORNIA

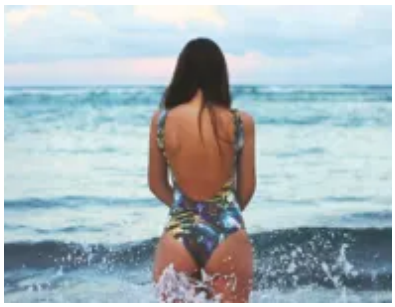
California COVID-19 hospitalizations could jump 89% in next month amid signs of coronavirus spread

Around the Web

Ads by Revcontent

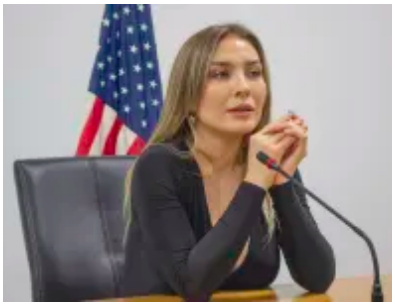


1 Simple Trick to Cut Your Electric Bill by 90% (Try Tonight)
MONEY SAVING EXPERT



The States Where Americans Don't Want To Live Anymore
MONEYWISE.COM

The Real Reason They're Keeping Americans Home
STANSBERRY RESEARCH



California: Say Bye To Expensive Solar Panels If You Own A Home in Los Angeles
ENERGYBILLCRUNCHER

20 Places Where $150K Is More Than Enough To Retire
MONEYWISE.COM

Stop Your Annoying TInnitus Right Now! (Watch The Video To See How)
TRENDING HEALTH NEWS

CORONAVIRUS AND PANDEMIC ›

There's a pandemic, but home prices are at record levels in Southern California

Here's how schools in other countries are handling reopening

In Israel, the Jewish High Holidays clash with a new coronavirus lockdown

If you absolutely have to fly right now, here's how to do it as safely as possible

Sweden has escaped a second coronavirus wave so far. The question is why

Cases statewide »

808,149
confirmed

15,591
deaths

As of September 27, 2:12 p.m. Pacific

ADVERTISEMENT

LATEST CALIFORNIA ›

CALIFORNIA

Woman arrested after attempt to kidnap infant grandchild of NFL's Joe Montana in Malibu

1 hour ago

CALIFORNIA

Suspect in custody after LAPD officer is attacked inside police station

Sep. 27, 2020

CALIFORNIA

The Bear fire nearly wiped this town off the map. Miraculously, one landmark survived

Sep. 27, 2020

CALIFORNIA

Napa County fire with 'dangerous rate of spread' forces evacuations

1 hour ago

CALIFORNIA

California fires: Go behind the scenes of incredible photos captured by Times staffers

Sep. 27, 2020

ADVERTISEMENT

Get our free Coronavirus Today newsletter

Sign up for the latest news, best stories and what they mean for you, plus answers to your questions.

Enter Email Address

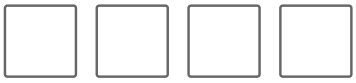
SIGN ME UP

You may occasionally receive promotional content from the Los Angeles Times.

ADVERTISEMENT

Subscribe for unlimited access

Follow Us



eNewspaper

Coupons

Find/Post Jobs

Place an Ad

Media Kit: Why the L. A. Times?

Bestcovery

Copyright © 2020, Los Angeles Times | Terms of Service | Privacy Policy | CA Notice of Collection | Do Not Sell My Info

Exhibit W

City Watch LA

The California Cargo Cult Shilling for Real Estate Speculators

DICK PLATKIN / 24 SEPTEMBER 2020

PLANNING WATCH-The South Pacific cargo cults are gone, but we have plenty of modern cults, and the one I regularly encounter is the Supply-and-Demand cult.

Like the Cargo Cult, (photo above: Mock Cargo Cult P-52 airplane built on Melanesian Island) which built mock airplanes to lure back the riches left by Japanese and Allied flyers during WWII, our modern cultists imagine that zone changes are the market magic the will

create real estate fortunes. It will not only make investors and their champions rich, but also solve the worsening housing crisis and turn car habituated Angelenos into regular bus and subway riders.

We can dismiss the Cargo Cults as an imaginative effort by Neolithic communities to get more goods airdropped on their islands. But the Supply and Demand cults that thrive in the California State Legislature, LA's City Hall, and in lobbying groups nurtured by pro-development interests, need to be thoroughly demystified.

First, those who rattle on about supply and demand treat it as a natural law, akin to gravity. They could not be more wrong. If they had stayed alert in their introductory economics courses, they would know that this "law" only applies to financial transactions where investors make acceptable rates of profit. If the profits are not there, investors look elsewhere. Real estate developers will not meet the massive unmet demand for affordable housing by going broke. Unmet demand does not automatically trigger an increase in supply, and excess supply does not automatically usher in price cuts.

Second, like automobile and fine art markets, the housing market is segmented. If Toyota produces more low-price Corollas, the cost of an expensive Lexus will not drop. Or, flooding the art market with $35 paintings of dogs playing poker will not reduce the price of a Claude Monet masterpiece. It will still set you back $50 to $100 million.

A series of recent studies confirm that the misunderstood law of supply and demand invoked by the real estate industry and their followers to extract upzoning gifts from elected officials -- has no bearing on LA's segmented housing market. More luxury apartments have not and will not create low-income housing for the homeless and the rent burdened. For that matter, rising vacancy rates in luxury housing have barely caused rents to decline, while vacancies in middle-income apartments have not had any impact on rents. In fact, some tenants are facing rent increases in complexes, like Park LaBrea, with empty apartments.

A key tenet of the Supply-and-Demand cult is that upzoning -- the deregulation of zoning and environmental laws -- will produce a housing boom. Market magic will cause housing prices to fall and transit ridership to rise. What these cultists deliberately overlook is that

according to the City Council-certified General Plan Framework Element EIR, Los Angeles has an abundance of underdeveloped commercial parcels. They allow the by-right construction or apartment houses in every Los Angeles community. As Move LA wrote in CityWatch, LA's long commercial corridors, like Ventura and Pico Boulevards, have ample bus service, high commercial vacancy rates, and zoning that already permits apartments. Any developer who wants an in-fill building site has the "pick of the litter." Plus, the bus and rail lines on these corridors allow density bonuses. The new apartment buildings could reach six stories. In some corridors, like Wilshire Boulevard, they could even build 42 story luxury skyscrapers.

The most important study is The Vacancy Report: How Los Angeles Leaves Homes Empty and People Unhoused. Prepared by the UCLA Law School, Strategic Actions for a Just Economy (SAJE), and the Alliance of Californians for Community Empowerment (ACCE), its findings discredit the Supply-and-Demand cult's explanations and solutions for the housing crisis. The report explains why *building more (expensive) housing* will not solve LA's housing crisis:

- "With more than 36,000 unhoused residents, Los Angeles simultaneously has over 93,000 units sitting vacant, nearly half of which are withheld from the housing market.
- "Over 22 square miles of vacant lots are owned and kept vacant by corporate entities.
- "The pattern of development occurring all across Los Angeles further contributes to the vacancy and houselessness crises, as new units are priced beyond the reach of most Angelinos, leading to an excess supply of high-rent housing that fails to lease, and therefore fails to house people, coupled with a crisis of unmet need for housing for the most vulnerable.
- "High vacancy rates in expensive luxury housing developments are a core symptom of a broader speculative housing system . . . Speculative practices yield an unbalanced production of vacant luxury development at a time when evictions are fueling a loss of affordable rental units, increasing numbers of corporate landlords

are unaccountable to low-income tenants.

- "We are failing to build enough covenanted, deeply affordable housing.
- "Beyond the immediate need for shelter, the economic devastation that has resulted from the pandemic has put hundreds of thousands of renters at risk for eviction and houselessness, magnifying the already desperate need for new permanently affordable and stable housing.

These findings are reinforced by two additional studies. In June 2020 LA's Department of Housing and Community Investment (HCID) reported to the City Council on vacant housing units in Los Angeles. They found that LA's housing shortage is concentrated in mid and low-end units. Since so many of the city's vacant apartments are in high-end buildings, this excess does not address the housing crisis faced by lower income Angelinos:

LA's citywide vacancy rate is between 6% to 7%, amounting to approximately 85,000 to 100,000 empty units. . .Higher-end, 4 or 5-star-rated dwelling units are disproportionately vacant while mid-and low-end units have especially low vacancy rates. In addition, neighborhoods with a greater proportion of new, high-end units have some of the highest vacancy rates in the City. . .while those areas experiencing less residential development have vacancy rates consistently below 5 %."

In UCLA's Hotel California: Housing the Crisis report, we also learn that increasing poverty, not a housing shortage, is the key factor leading to homelessness.

"The 2020 Greater Los Angeles Homelessness Count asked more precise questions than in the past about chronic homelessness and found that out of the 66,436 people experiencing homelessness in Los Angeles, 25,460 are chronically homeless. . .The vast majority of these are unsheltered. We anticipate that Los Angeles will soon have to contend not only with chronic homelessness, but also with a growing first-time homeless population and a much higher proportion of unhoused families with children. As indicated earlier in this report, even prior to COVID-19, . . .a majority expressed economic hardship as the cause of homelessness. . . These numbers will grow rapidly as job loss and housing insecurity combine to displace rent-burdened tenants facing unemployment without

replacement income and eviction protections."

While it is difficult to collect hard data on those leaving Los Angeles because of the pandemic and/or hard times, **For Rent** signs are popping up in every apartment district. At the same time, homelessness is increasing despite rising vacancy rates. While we wait for hard data, at least one thing clear. Landlords are not slashing rents. Either they are boxed in by loan conditions, or they expect to soon rent their empty apartments to tenants paying top dollar.

For the Supply-and-Demand Cult none of this makes the slightest sense. In their world investors should respond to the unmet demand for low-priced apartments by building them. Likewise, landlords should respond to high vacancy rates by dramatically lowering rents. But none of this is happening. When magical thinking forms your understanding of the world, facts and analysis do not cloud your thinking, especially when generous real estate developers subsidize you.

(Dick Platkin is a former Los Angeles city planner who reports on local planning issues for CityWatch. He serves on the board of United Neighborhoods for Los Angeles (UN4LA) and is co-chair of the new Greater Fairfax Residents Association. Previous Planning Watch columns available at the CityWatch archives. Please send comments and corrections to rhplatkin@gmail.com or via Twitter to @DickPlatkin.

back to top

Exhibit X

National Low Income Housing Coalition

National Low Income Housing Coalition

Gentrification and Neighborhood Revitalization: WHAT'S THE DIFFERENCE?

Apr 05, 2019

Renovated former tobacco warehouses near downtown Durham, North Carolina

There are many definitions for gentrification, which can make discussions about development and displacement confusing.

Many anti-displacement activists define gentrification as a profit-driven, race, and class change of a historically disinvested neighborhood. "Disinvested" in this context means areas that businesses and governments have abandoned—where there has been little new development or

maintenance of existing buildings or institutions. Gentrification occurs where land is cheap and the chance to make a profit is high due to the influx of wealthier wage earners willing to pay higher rents.

One case of extreme gentrification is the Bay Area in California, which is undergoing a radical makeover due to the rise in technology companies replacing old industries and jobs. New people moved in to work for these companies and replaced the pre-existing residents. Land values and housing prices increased dramatically, as did the pressure for property owners to get the most out of rents on urban spaces. The Bay Area has become the second densest urbanized area in the country after Los Angeles.

The Bay Area has grown radically wealthier, but the newfound wealth coming from the tech, medicine and finance businesses goes to a small percentage of people. (The area has more millionaires and billionaires than New York City.) The upper layers of the labor force are getting paid very well, allowing them to outbid ordinary working people, the elderly, and people with disabilities for homes. This increased competition for housing has left areas like Oakland and the San Francisco Mission less affordable for long-term residents.

Race is tied to class and power in gentrification. Most of the wealthy and well-paid in the Bay Area are white while those being displaced are people of color, who typically have less income to bid for housing and are more often renters at greater risk of eviction. The elite can hold onto their claims to the city because they also hold the political power.

There are ways, however, to revitalize neighborhoods without also gentrifying them. One is to use a positive development model that builds a new vision of community health and sustainability that benefits all residents. Community organizing that brings different groups to the same table to identify a shared interest and common struggle is key to ensuring development that empowers entire communities.

The development process should enable community members to identify the types of housing, services and infrastructure that should exist in their neighborhood. The process should value longtime residents' visions of neighborhood change and give the power of decision-making to community residents. A healthy community is one that acknowledges and supports the importance of racial equity, community and culture.

Public agencies can foster positive development by supporting a shared neighborhood vision and working with community institutions to ensure a successful revitalization that values culture, health, and positive human development, not just increased economic activity. Agencies should help ensure lasting change though development without displacement.

Advocates from United for a New Economy – Denver, Colarado Credit: John Goldstein

Displacement — The Real Enemy

The most common problem people associate with gentrification is the displacement of residents from a neighborhood experiencing redevelopment. Displacement happens in various ways. "Direct displacement" is when residents are forced to move because of rent increases and/or building renovations. "Exclusionary displacement" is when housing choices for low-income residents are limited. "Displacement pressures" are when supports and services that low-income families rely on disappear from the neighborhood.

Although displacement is cited as the most common concern of gentrification, the research on gentrification and displacement is unclear. Ingrid Gould Ellen and Gerard Torrats-Espinosa studied the long-term effects of gentrification and tracked racial change over time. They defined gentrification narrowly as an increase of income in a neighborhood compared to the larger metro region over time.

The researchers found that a growing number of low-income neighborhoods occupied predominantly by people of color have gentrified in recent decades, although most have remained low-income. Gentrification in the short-term has brought racial integration for many of these neighborhoods, and neighborhoods that became racially diverse through gentrification

remained racially diverse past the initial gentrification period. Some neighborhoods that experienced gentrification in the 2000s, however, did experience a more significant rise in white population in the short term and may not experience the same racial stability in the long term.

Gentrification can also benefit neighborhood residents by lowering poverty rates and exposing residents to more opportunity. Recent studies found that public housing residents in gentrifying neighborhoods are exposed to less violent crime, are more often employed, and have higher incomes and greater educational attainment than their counterparts in low-income neighborhoods. Urban revitalization also brings more services to an area. A lack of choice and competition in disinvested neighborhoods may cause families to pay more for goods and services. **There can be benefits to gentrification, but only to long-term residents who are not pushed out. Development without displacement is the key. Fighting against displacement rather than fighting against development should be the focus.**

An exclusionary effect of gentrification is the high cost of rents that force low-income households to move to lower-cost neighborhoods with fewer resources. Displaced low-income households most likely end up in new low-income neighborhoods. Many vulnerable households that do move are renters and are at greater risk of moving to neighborhoods that have lower home values, high unemployment rates, lower median incomes and poor public-school performance.

Cultural displacement is also common. The closing of long-time neighborhood landmarks like historically black churches or local restaurants can erase the history of a neighborhood and with it a sense of belonging. The influx of a new population of upper- and middle-income residents can also change the political landscape, with new leaders ignoring the needs of long-time residents. The loss of long-time residents' political power leads to further withdrawal from public participation and a loss of control.

Although gentrification can bring about racial diversity, integration, neighborhood improvements, and greater access to services, advocates need to actively promote policies that protect tenants from displacement. Preserving the subsidized housing in gentrifying neighborhoods can ensure that income and racial diversity remains in a neighborhood over time. Governments should also create more affordable low-income homes in gentrifying neighborhoods through new construction and acquisition. Housing subsidies should require long-term or permanent rather than temporary affordability. The next section of *Tenant Talk* will explore these solutions in more detail.

Local Policy Solutions for Preventing Displacement

Grace Townhomes formed by the Community Justice Land Trust. Photo: Domus, Inc

The data on displacement due to gentrification is insufficient. Many researchers have measured the problem at the city or metro level, but there are few studies that look at neighborhood or "submarket" areas. There is also not a silver bullet or list of sure-thing policies to prevent displacement, but the following are some of many tools that can help combat gentrification. They include baseline protections for the most vulnerable residents, producing and preserving affordable homes, non-market-based approaches to housing and community development, and approaches to community participation.

Community Land Trusts

One of the biggest problems with gentrification is land. Developers and investors buy land when it is affordable in struggling neighborhoods, and then wait for the right moment to move forward with profitable development. Community Land Trusts (CLTs) are one way to keep land owned by the community and to fight against rapid property value escalation.

CLTs are nonprofits that own land - received as donations or bought with government subsidies - to ensure it stays affordable for long periods. The land is used for housing or other community purposes. If it's for housing, the homes are sold to lower-income families, but the land is still owned by the CLT. When a CLT homeowner moves, they sell the home back to the CLT or another low-income family. The CLT homeowner receives a more modest return on their investment than a regular homeowner when they sell because they "share equity" (the land portion) with the CLT.

Some concerns with CLTs are that they are costly to implement (require substantial funding), especially in gentrifying neighborhoods, and they rarely provide homes to extremely low-income families. CLTs also usually operate on a small scale, which could be helped if cities gave public land to CLTs and established supporting organizations to build them.

The Community Justice Land Trust (CJLT) in Philadelphia, PA, was created in 2010 by a community coalition that included the Women's Community Revitalization Project (WCRP) and the Philadelphia Association of Community Development Corporations. Philadelphia CJLT addresses the community's recent dramatic increases in housing prices, the rise in new development that did not consider existing needs, and the problem of vacant land and abandoned buildings. The land trust has 36 rent-to-own townhomes and plans to develop 75 more. It is governed by an advisory committee of residents and other stakeholders, as well as WCRP board members.

Research on one of the largest CLTs in the U.S.—Champlain Housing Trust in Vermont —shows that lower-income affordability continued and improved between generations of homebuyers, homeownership was expanded for persons left out from the market, most homeowners gained wealth, and most homeowners bought market-rate homes after they left the CLT. Though CLTs provide limited opportunities for the homeowners to build wealth, they help sustain relative affordability for lower-income households over time.

Rent Control

Rent-control policies offer protections from sudden rent increases, establish maintenance standards, provide the right to a lease renewal, provide the framework for organizing and litigation, and set limits on security deposits. These policies directly affect neighborhood affordability by preventing rents from skyrocketing, enabling residents to stay in their apartments for the long term. Basically, rent control sets a cap on how much a landlord can charge for the rent.

New York Housing March, January 2018. Photo: Ethan Fox

New York has the strongest rent-control policies in the U.S. The Emergency Tenant Protection Act (ETPA) of 1974 established details for rent control and allowed eight counties to voluntarily participate. Currently, 966,000 apartments (45% of the rental market) are rent-stabilized in New York. Since the 1990s, when the law was weakened, the state has lost 300,000 units of rent-stabilized housing. Landlords can remove apartments from rent control when a renter vacates the apartment and then make substantial improvements. This loophole has led landlords to harass, frighten or incentivize renters into leaving their rent-regulated homes.

The ETPA is due to expire in 2019. The Upstate Downstate Housing Alliance sees this as an opportunity to strengthen and expand tenants' rights and is calling for the state to undo provisions that incentivize the loss of rent-regulated units and to extend the rent stabilization framework to the entire state.

Rent-control policies must be carefully implemented to avoid negative consequences. First, rent controls are not tied to specific residents, so there is no way to ensure they are benefiting the people most in need; there are many examples of higher-income, even wealthy, people benefitting from rent control while extremely low-income people remain homeless or on housing assistance wait lists. Second, landlords and developers regularly attack rent control laws, so a strong advocates' rights coalition is needed to ensure proper enforcement and to

advise renters on seeking legal recourse. Third, landlords often argue that legal cap on rents leave them too little income for repairs and maintenance, so rent control policies must be paired with enforceable building standards.

Just-Cause Eviction Ordinances

Every rental lease has an end date, even those made by spoken agreement. It is common that when a lease expires, it automatically renews month-to-month on the same terms as the previous lease. Many renters are displaced because at the end of any given lease term, the landlord can simply "not renew" the contract. Some jurisdictions prevent such displacement by passing "Just-Cause" eviction ordinances stipulating that a landlord cannot evict a renter unless there has been a specific violation of the lease. Non-renewal is no longer an option.

Seattle, WA, has had a just-cause eviction ordinance in place since 1980 that applies to verbal leases and month-to-month leases. In these cases, a landlord may ask a tenant to leave for 18 specific reasons, such as failure to pay rent or renter damage to the property.

Just-cause eviction protections are most effective when paired with rent control. If there is no limit on the amount a landlord can increase the rent, a landlord often can just double the rent, and effectively push the renter into moving, without a just cause for eviction.

Community Benefits Agreements

Community benefits agreements (CBAs) are legal contracts signed by a developer and community groups. They spell out the benefits a developer promises to provide to the community as part of a development. CBAs give community groups a voice in shaping projects and the legal authority to enforce developers' promises.

For CBAs to be effective, they need to be created by active community-based coalitions willing to stay involved during the development process to hold the developers accountable. Coalitions must ensure any CBAs include fair benefits that are reflective of the community's wishes. If CBAs are weak, they cannot be changed and can be used by developers to look good in the public eye without delivering substantive benefits.

"CBAs give community groups a voice in shaping projects and the legal authority to enforce developers' promises."

Cherokee Denver had purchased the Gates rubber factory in Denver, CO, in 2001 to redevelop the site. They worked with the community to create a CBA that included affordable homes and job guarantees, but the project fell through because of the recession. Broadway Station Partners (BSP) finally bought the land in 2018 to create a mixed-use development. The community surrounding the factory site formed a CBA with BSP, similar to the now-repealed Cherokee Gates Urban Redevelopment Plan. BSP agreed to build 338 affordable homes (affordable for 40 years) and to hire local construction workers. This strong CBA required community groups to stay engaged with developers over nearly 20 years to ensure that redevelopment would have community interests at heart.

Gates Rubber Factory. Photo: John Goldstein

Tenant Option to Purchase

"Tenant option to purchase" (TOP) is a tool for residents facing eviction because the property owner intends to sell the property, demolish it, or convert to another use. Cities can pass a TOP policy to require that any housing unit undergoing such changes is offered to residents first before being sold, demolished or re-rented on the private market. The benefits of TOP policies are that they create legal rights for individuals and families faced with displacement, they can ensure housing stability for existing tenants by giving them an option to return to their original homes after being relocated, and they can increase living standards that benefit the existing tenants.

The District of Columbia has an effective Tenant Opportunity to Purchase Act (TOPA). This law requires owners of properties with two or more rental units give tenants and/or tenant associations the option to buy the apartments before a property conversion takes place. If the owner does not provide tenants the option to purchase, the tenants can pursue a lawsuit against the owner. According to Scott Bruton at the Coalition for Nonprofit Housing and Economic Development, TOPA is the most valuable tool the District has for preserving affordable rental housing. Without TOPA, affordable housing developers would lose out to for-profit, market-rate developers in buying multifamily rental properties.

Regulating and Taxing Short-Term Rentals

Research shows that short-term rentals correlate with fewer regular rental units (each unit that gets converted to a short-term rental, takes one away from renters), increased rents, and higher property values, which all lead to displacement. Jurisdictions could regulate and tax the short-term rental operators, many of whom work through AirBnB. Jurisdictions could limit the number of days per year a room or apartment can be rented short-term, require a local contact person be licensed for short-term rentals and fine offenders, and require that only apartments occupied by a permanent resident who is leaving temporarily may be rented short-term.

Taxing short term rentals is another option. Citizen's Housing and Planning Association (CHAPA) advocates were successful in getting a state law passed that applies the 5.7 % hotel and motel room tax to short-term rentals (effective July 1, 2019), excluding homeowners who rent their units for two weeks or less during the year. At least 35% of the revenue generated must fund affordable housing, the first state to do so. The law also allows jurisdictions the authority to create additional local taxes, makes short-term renters obtain $1 million in liability insurance, and creates a public registry of short-term rentals. It remains to be seen whether this bill, the first of its kind, prevents the future loss of affordable homes.

"The benefits of TOP policies are that they create legal rights for individuals and families faced with displacement..."

Vacancy Taxes

Rents rise when there is insufficient housing for all who need it. Vacant properties, of course, provide no housing. Some real estate investors buy buildings and let them sit empty – a phenomenon called "speculation" - often in areas at risk of gentrification where land can be relatively cheap. Real estate investors buy the property and allow it to sit empty because that

costs less than managing the building and making sure it's up to local codes. When the right development opportunity arises, they sell the property or demolish it to make way for something new.

In some communities, speculation has led to a rapid growth in vacant apartments, and some jurisdictions have begun taxing property owners who refuse to make homes available for rent. Voters in Oakland, CA, passed such a tax law by a vote of 68%-31%. The new tax will generate about $10 million annually, which will the city will then invest in affordable housing.

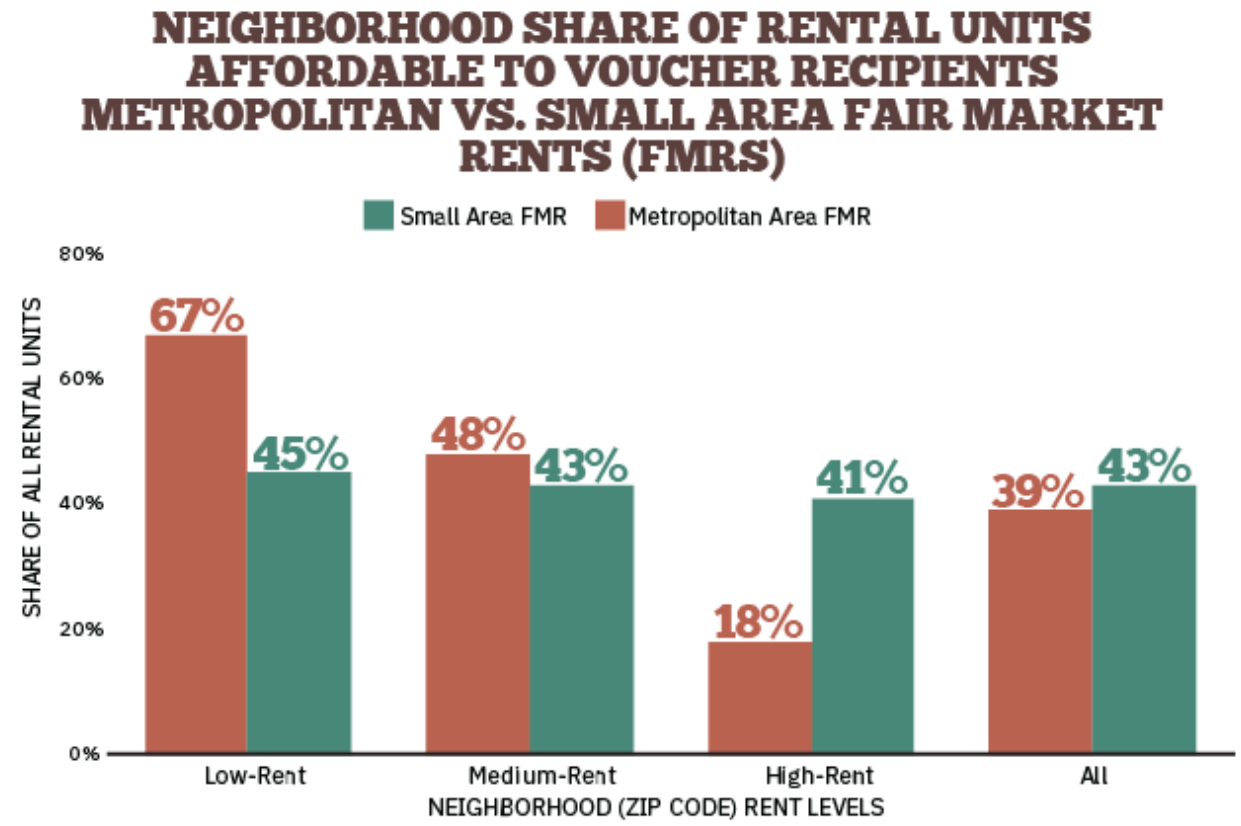
Small Area Fair Market Rents Can Help Minimize Harm Due to Gentrification

Small Area Fair Market Rents (SAFMRs) are a potential tool to minimize displacement of residents and help ensure an income mix in gentrifying neighborhoods.

What are Small Area FMRs?

SAFMRs base the value of a Housing Choice Voucher to a landlord on rents in a ZIP Code. Without SAFMRs, the value of a voucher is based on Fair Market Rent (FMR), which is based on rents in an entire metro area. Metro areas have many areas with very different market rents. A voucher pays the difference between 30% of a household's income and the voucher "payment standard." Public housing agencies (PHAs) set a payment standard (the amount a landlord gets from a voucher) at 90% to 110% of the FMR. As a result, the FMR voucher value is often not enough for rents in gentrifying neighborhoods.

Use of SAFMRs ensure payment standards (the value of vouchers) are more in line with neighborhood rental markets, making vouchers more valuable in higher-rent neighborhoods, such as those undergoing gentrification. Vouchers that pay less that the market rate make it difficult to rent in gentrifying neighborhoods. Household often end up paying more than 30% of their income for rent (paying the difference between the voucher payment and landlord's market rent).



Source: NYU Furman Center (2018).

Minimizing Displacement and/or Fostering Mixed-Income Neighborhoods

Where SAFMRs are available, long-time residents with vouchers (or voucher applicants) living in gentrifying neighborhoods might be able to remain in their homes, avoiding displacement as landlords attempt to cash in on rising demand for rental housing. Use of SAFMRs before a neighborhood fully gentrifies can help new income-eligible households move into a neighborhood to take advantage of the improving community features and provide a healthy mixed-income area.

Required and Voluntary SAFMRs

A new HUD regulation required PHAs in 24 metro areas to begin using SAFMRs on April 1, 2018. SAFMRs have to be used by all PHAs in those metro areas, not just the PHA in the major city – e.g., 19 PHAs in the Philadelphia metro area must use SAFMRs, not just the Philadelphia PHA. More metro areas could be required to use SAFMRs in the future. PHAs anywhere can voluntarily use SAFMRs, and residents should advocate for their PHAs to use them. A list of the 24 metro areas can be found at: https://bit.ly/2Vt3KLq (https://bit.ly/2Vt3KLq)

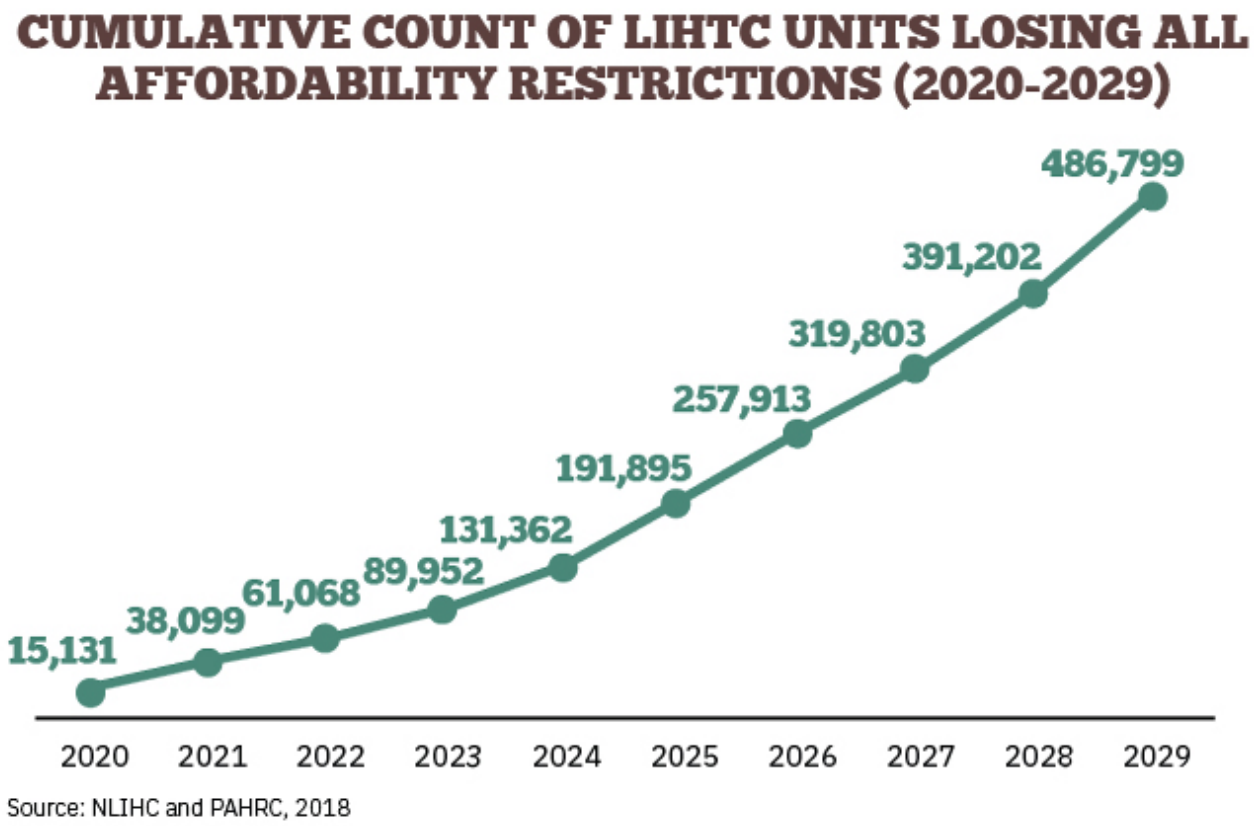
One issue, however, is that landlords are not required to rent to households with vouchers. There are two categories of exceptions:

- Landlords must accept vouchers if their building is assisted by the Low Income Housing Tax Credit, HOME, or national Housing Trust Fund programs.
- Some cities and states have laws that ban "source-of-income" (SOI) discrimination, prohibiting landlords from refusing to rent paying with a voucher, Supplemental Security Income, or Social Security. The Poverty & Race Research Action Council annually updates a list of SOI laws at: https://bit.ly/2DKnFQ0 (https://bit.ly/2DKnFQ0)

Extended Affordability Requirements are a Tool to Preserve Affordable Housing

The lowest-income renters face a national shortage of more than seven million affordable, accessible and available rental units, and only one in four eligible low-income renters receives the assistance they need. The affordable housing crisis could worsen when 279,207 publicly subsidized rental homes reach the end of their affordability periods over the next five years; these homes could convert to market-rate rents without additional subsidy. One way to prevent future losses of affordable homes is to extend affordability requirements.

Many state legislatures have chosen to extend the federal Low-Income Housing Tax Credits (LIHTC) housing affordability requirements beyond the year 30 limit. LIHTC is the largest federal affordable housing production in the U.S., and many LIHTC homes risk being converted to market rate housing once affordability restrictions expire. The states with extended mandatory affordability requirements include Pennsylvania, Florida, Vermont, Maine, New Hampshire, Oregon, Utah, Hawaii, Colorado, Maryland, and Connecticut*. Most of these states have affordability requirements of 35 to 50 years; they are 60 years in Oregon, 99 years in New Hampshire, and permanent in Vermont.



Vermont's permanent affordability requirement was created in the 1980s because many affordable homes built with HUD and USDA funding had affordability requirements expiring at that time. Many property owners chose to convert the affordable units to market-rate housing, leading to a massive displacement of the lowest-income renters. At the same time, HUD was reducing affordable housing subsidies available to state and local governments.

The "Vermont Housing and Conservation Trust Fund Act in 1987" requires any housing subsidized by the state must be permanently affordable to lower-income Vermonters. Compliance is monitored by a community-based nonprofit or a public agency like the Vermont Housing and Conservation Board (VHCB). Over the past thirty years, VHCB has assisted nonprofits and municipalities develop 8,300 permanently affordable homes. In addition to homes made permanently affordable, VHCB prevented virtually all affordable homes built with HUD and USDA subsidies from turning into market-rate housing.

Solutions like permanent or extended affordability requirements protect the limited supply of affordable homes, which in turn can effectively ensure low-income residents remain in their neighborhoods. NLIHC advocates for the longest possible affordability periods in all federal programs, and while progress is slow, advocates can win extended or permanent affordability requirements for states or cities' uses of federal dollars!

Opportunity Zones—A Potential New Challenge in the Fight against Gentrification

The "Tax Cuts and Jobs Act of 2017"—President Trump's massive tax cut law that mostly benefits wealthy Americans and corporations — created "Opportunity Zones," 8,700 ZIP codes where governors have determined a need for more investment and where those who do invest will now receive significant tax benefits.

The Opportunity Zones (OZ) concept—more investment in struggling neighborhoods — could be a good thing. Senators Tim Scott (R-SC) and Cory Booker (D-NJ), who authored the plan, hope to address blight and crumbling infrastructure. As passed, however, the law does not incentivize, much less require, the investments be used to benefit long-term residents by building affordable housing, supporting local businesses, creating decent-paying jobs, or providing other types of community benefits. Investor-developers can now receive large federal tax benefits to build anything from hotels to luxury condos to corporate office buildings, as long as they build it in an OZ.

Housing Trust of Rutland County makes renovations to Heritage Courts in Poltney, VT

To compete for a governor's OZ designation, a ZIP code had to have a poverty rate of at least 20% or a median income no greater than 80% of the area median income. ZIP codes can be quite large, include a variety of income groups, and contain wealthy pockets or a major university or an arts district in an otherwise poor area. Also, not all OZ ZIP codes need to meet the "low-income" definition; up to 5% of the OZs can include ZIP codes next to a "low-income" ZIP code, as long as the adjacent ZIP code has a median income no more than 125% of the low-income ZIP code. All of the OZ investment activity could happen in the wealthier ZIP code, with little or no benefit to the neighborhoods in need.

Combating this new gentrification pressure will require advocates to engage with local officials approving the developments. Advocates should argue that proposed projects in OZs must include permanently affordable rental housing. Advocates must also urge their members of Congress in Washington, DC, to call upon the Department of Treasury to issue strong and clear regulations for OZ investments that require a focus on extremely low-income people, increase affordable rental housing, and support the neighborhood development vision of long-term residents.

"Combating this new gentrification pressure will require advocates to engage with local officials approving the developments."

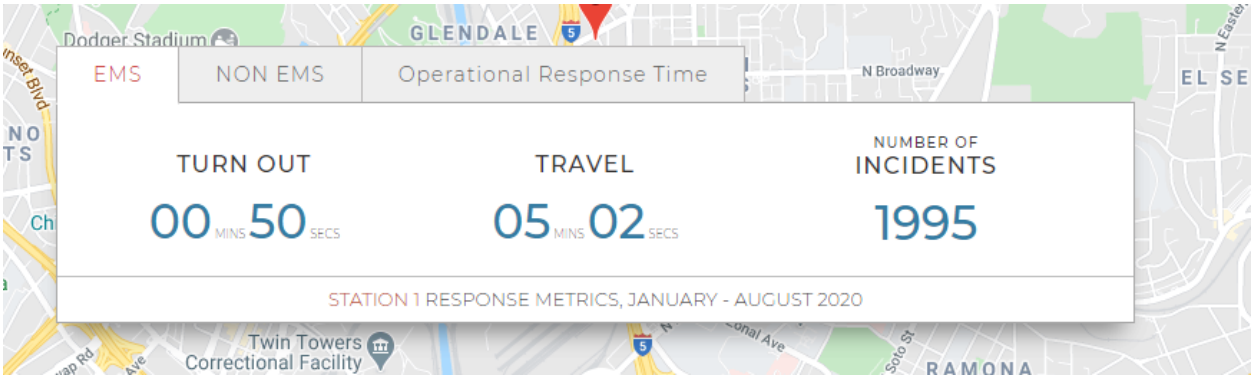
Some have merely asked for "transparency" by requiring OZ administrators to report outcomes – an after-the-fact exercise. Without strong regulations at least providing incentives, if not requirements, that protect long-term residents from displacement and ensure real benefits to low income communities, the reporting will be an empty exercise.

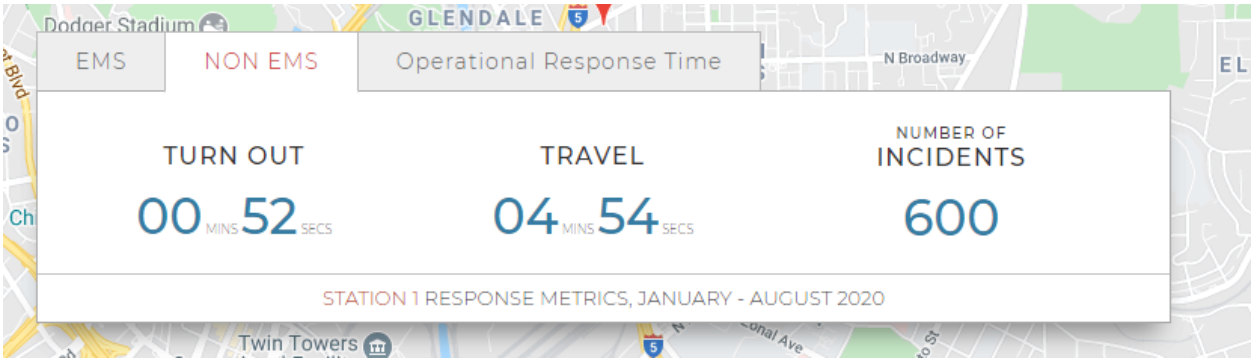
Exhibit Y

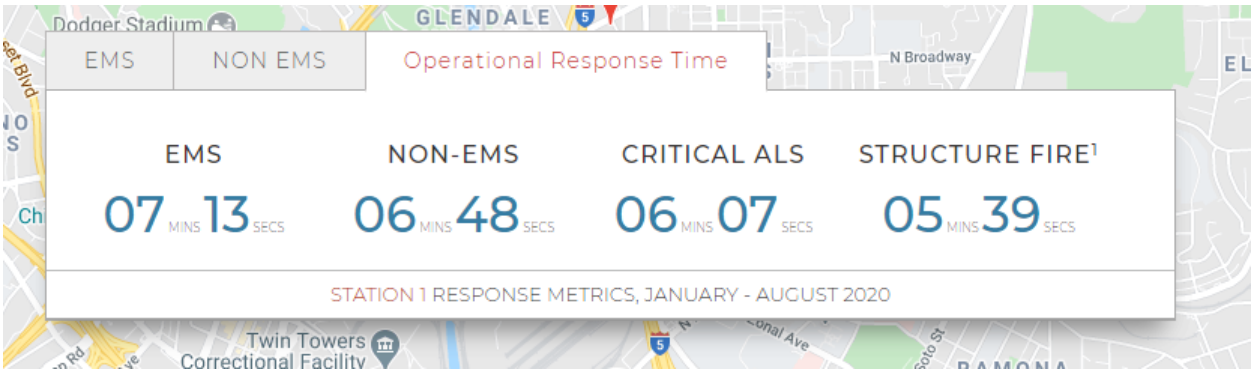
Fire Station 1 Statistics

Fire Station 1: Lincoln Heights Statistics

A project of this size will increase call volume and travel time for EMS and non-EMS incidents. There has been a 25% increase in call volume at Fire Station 1 over the last 3 years. In the city Los Angeles, there are 1600 calls daily compared to 1000 calls 10-12 years ago.







STATION 1 RESPONSE METRICS FOR 2020

Print

January - August 2020

AVERAGE TURN OUT TIME IN DISTRICT		
	EMS	Non EMS
Month	Mins:Secs	Mins:Secs
Jan	00:51	00:51
Feb	00:50	00:50
Mar	00:51	00:49
Apr	00:50	00:50
May	00:48	00:50
Jun	00:48	00:52
Jul	00:53	00:55
Aug	00:51	00:54
Overall	00:50	00:52

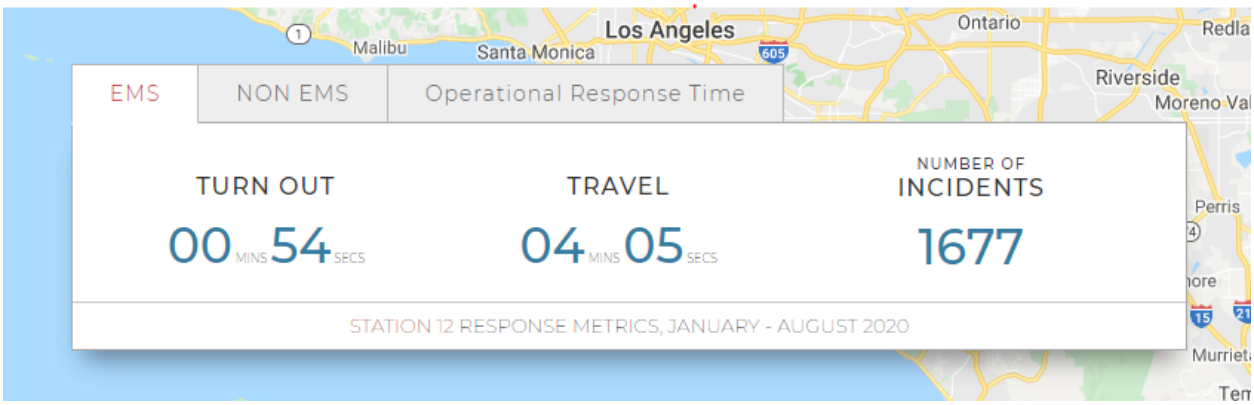
AVERAGE TRAVEL TIME IN DISTRICT		
	EMS	Non EMS
Month	Mins:Secs	Mins:Secs
Jan	04:49	04:08
Feb	04:41	04:57
Mar	05:11	04:47
Apr	05:05	04:59
May	05:08	04:41
Jun	04:58	04:46
Jul	04:50	05:13
Aug	05:35	05:22
Overall	05:02	04:54

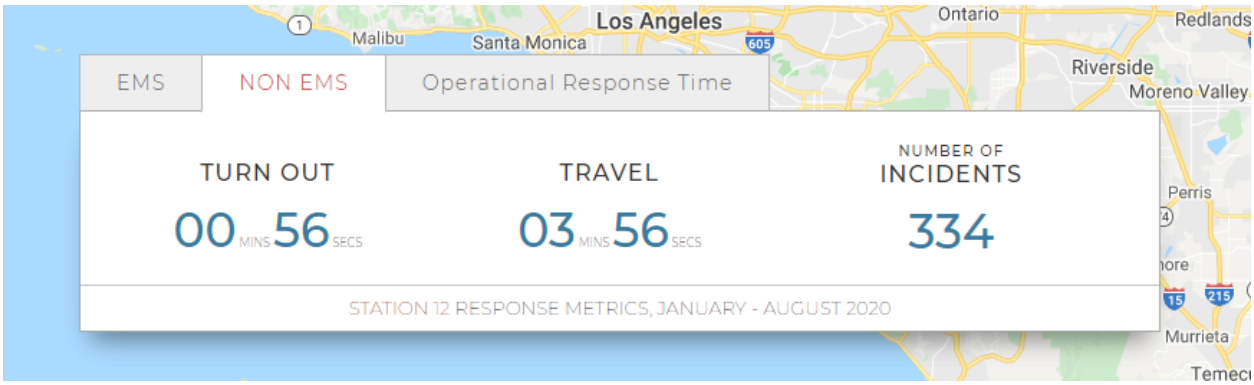
INCIDENT COUNT IN DISTRICT				
	EMS	Non EMS	Critical ALS	Structure Fire [1]
Month				
Jan	291	64	25	8
Feb	254	72	21	8
Mar	263	72	19	7
Apr	236	60	16	7
May	213	75	15	7
Jun	203	75	12	9
Jul	253	93	20	9
Aug	282	89	26	9
Overall	1995	600	154	22

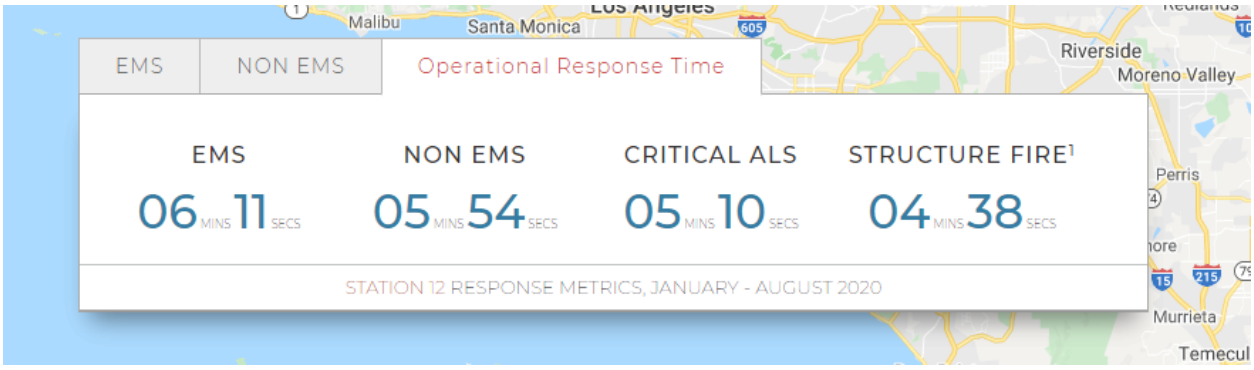
OPERATIONAL RESPONSE TIME				
	EMS	Non-EMS	Critical ALS	Structure Fire [1]
Month	Mins:Secs	Mins:Secs	Mins:Secs	Mins:Secs
Jan	06:58	06:09	05:53	04:21
Feb	06:44	06:58	05:22	04:21
Mar	07:22	06:42	06:08	05:30
Apr	07:12	07:02	06:38	05:30
May	07:29	06:43	05:38	05:30
Jun	07:08	06:46	06:24	06:07
Jul	07:05	06:58	05:41	06:07
Aug	07:49	07:01	07:03	06:07
Overall	07:13	06:48	06:07	05:39

Neighboring Fire Stations do not have nearly the same number of incidents as Fire Station 1 in Lincoln Heights

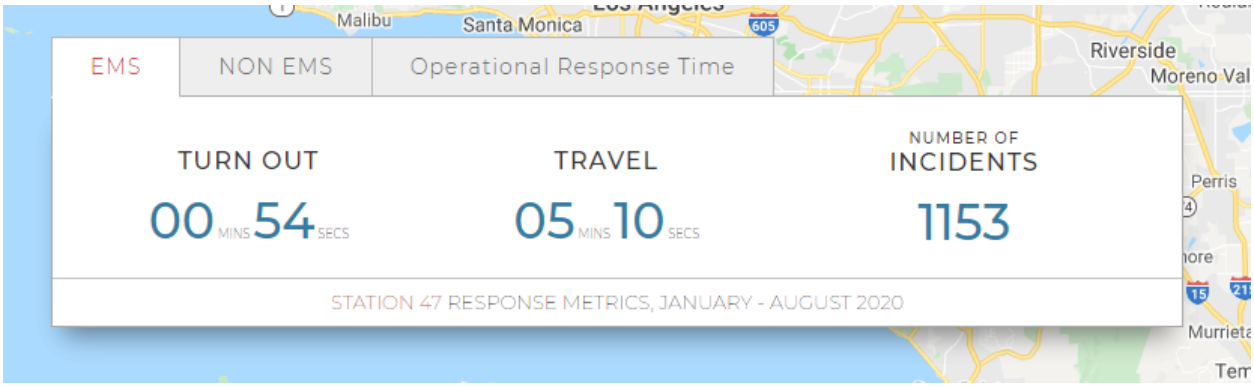
Fire Station 12: Highland Park/ Arroyo Seco

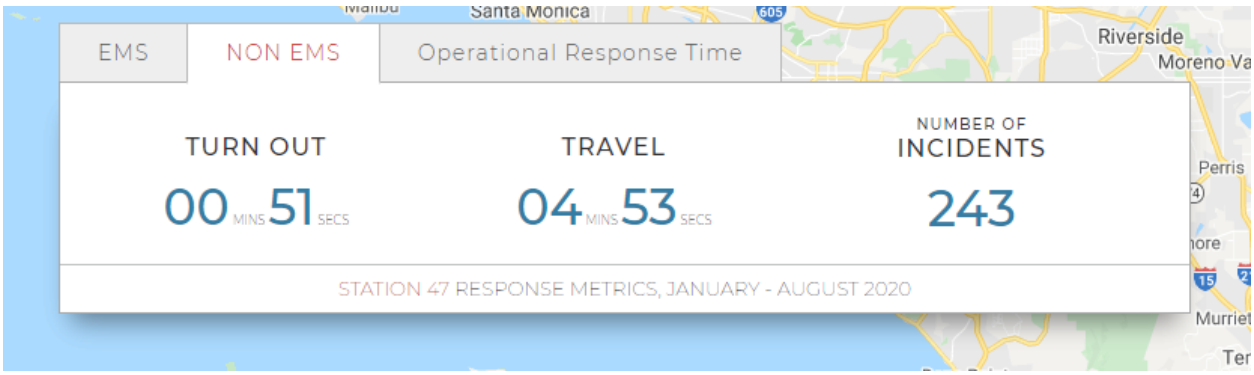


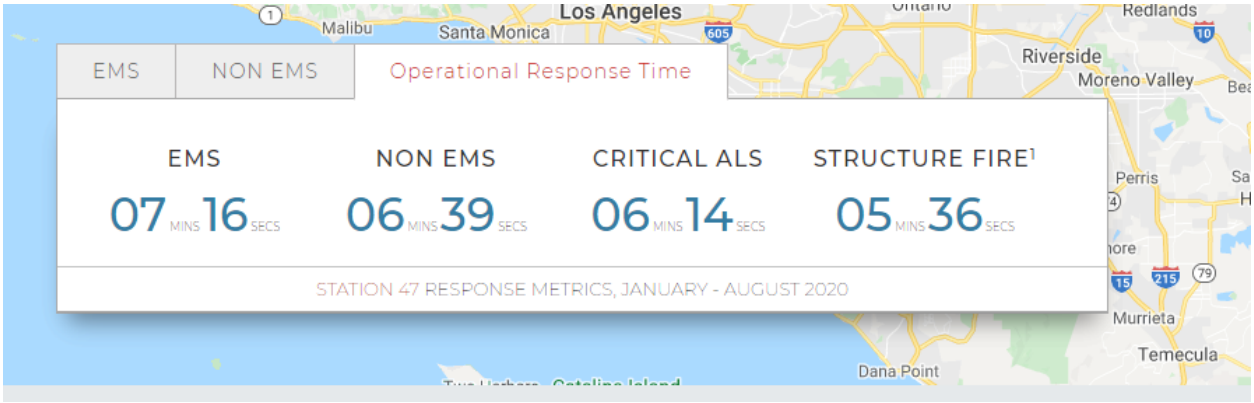




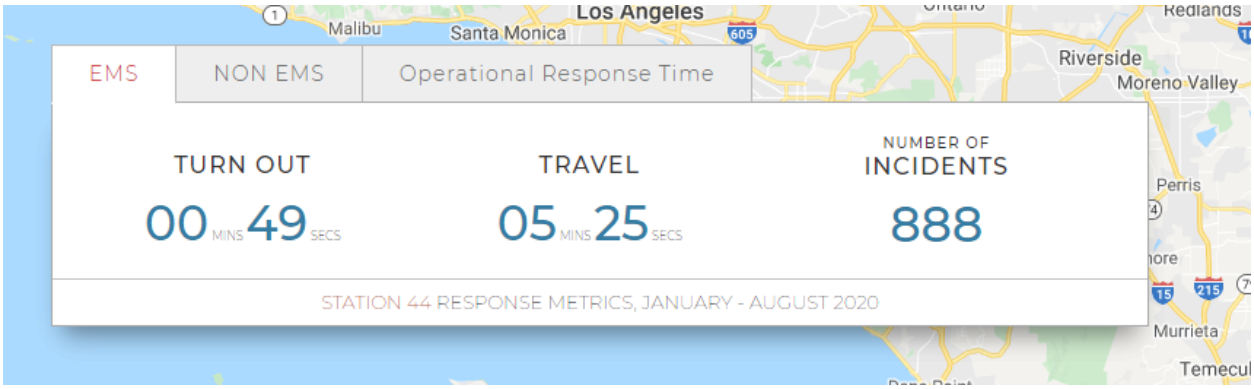
Fire Station 47: El Sereno

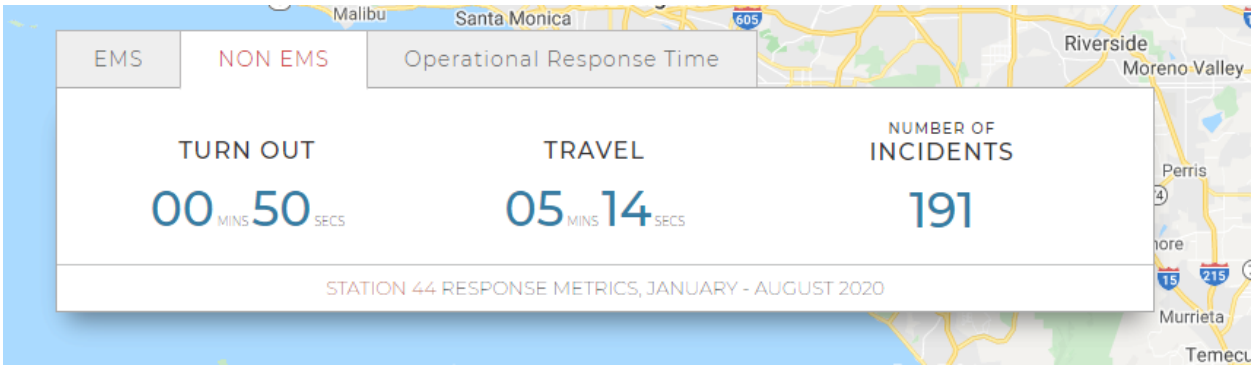


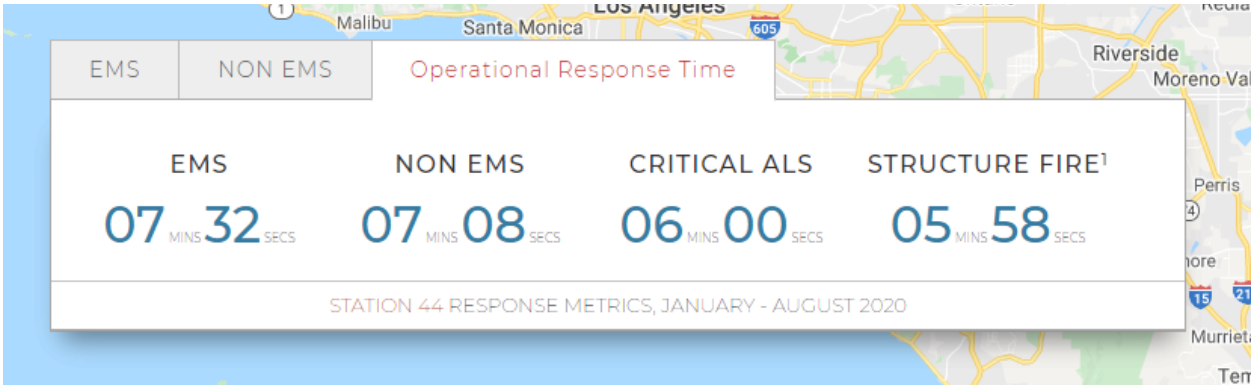




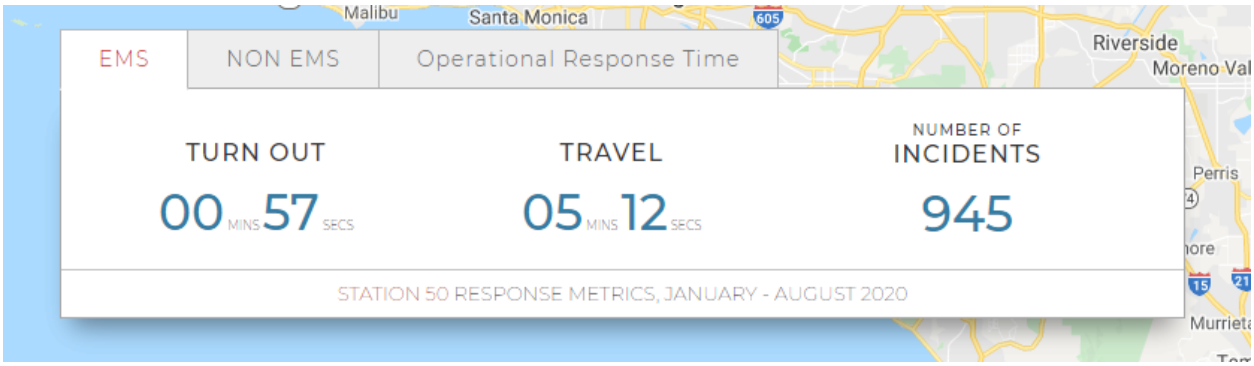
Fire Station--: Cypress Park

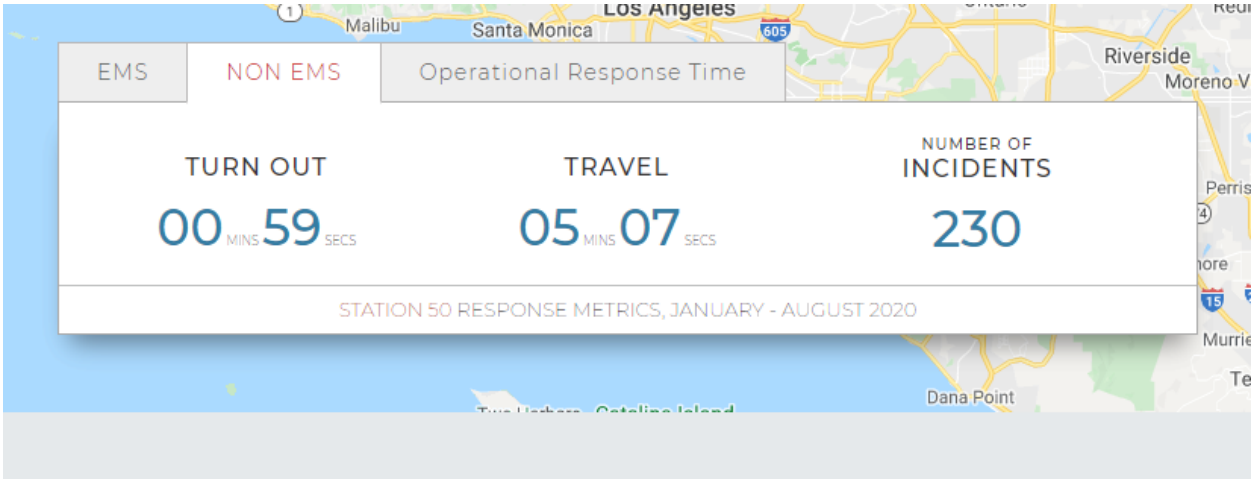


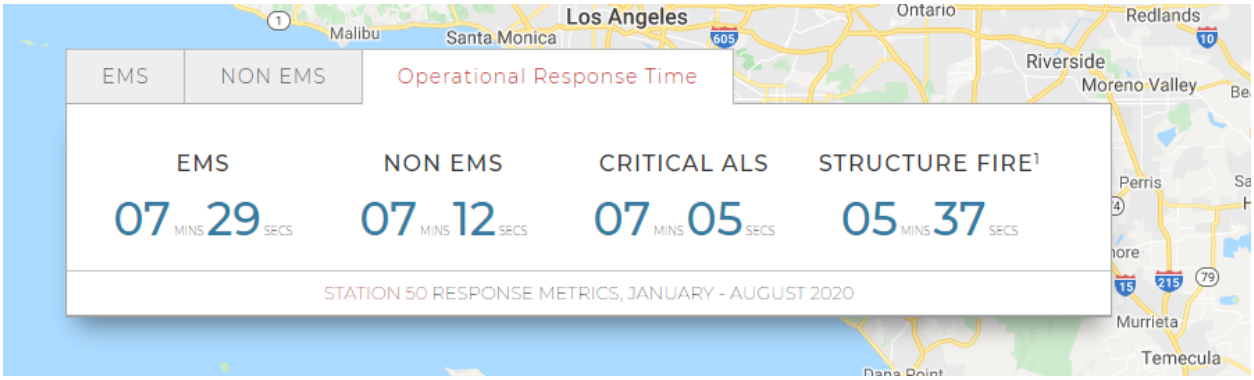




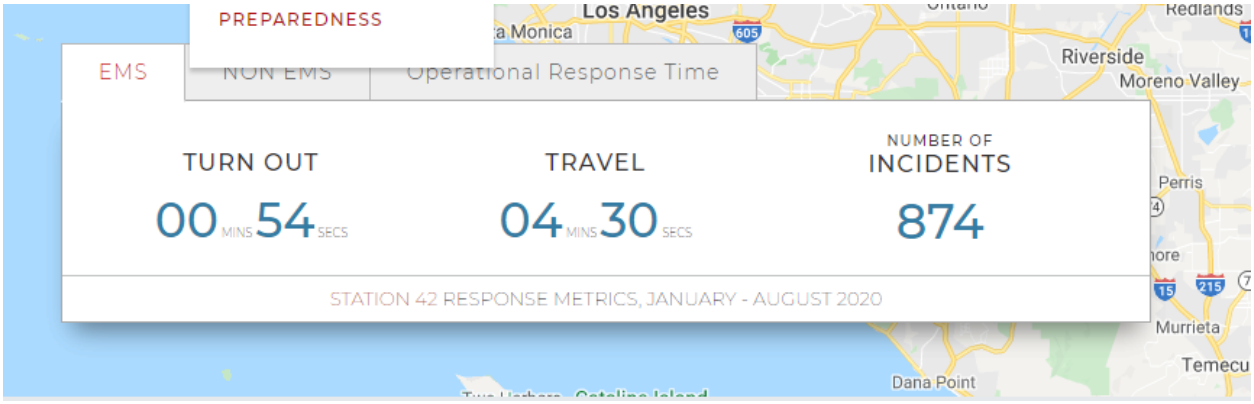
Fire Stion 50: Glassell Park/ Atwater

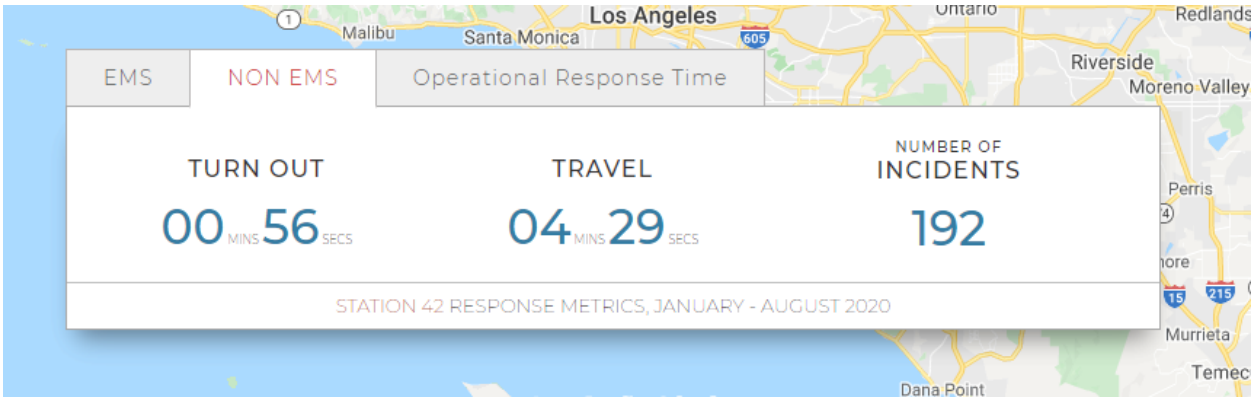






Fire Station 42: Eagle Rock





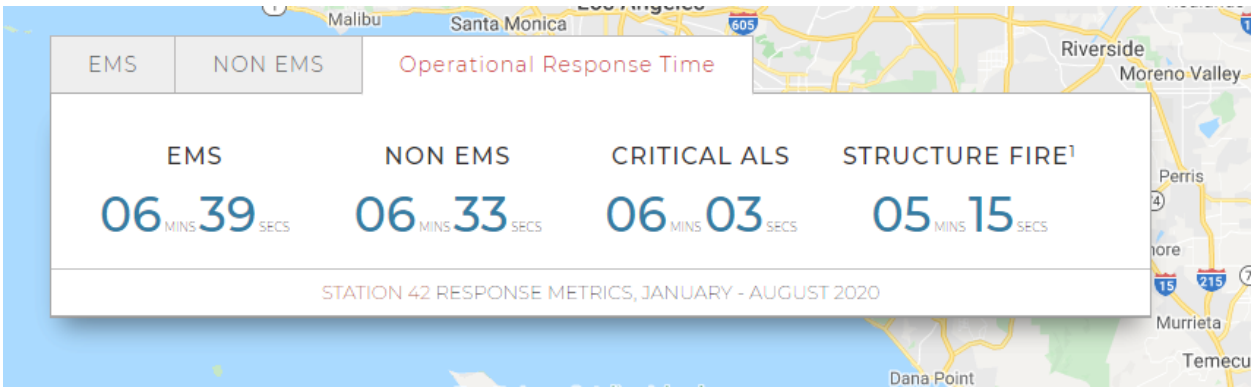


Exhibit Z

Pedestrian Fatalities

NHTSA 2018 Pedestrian Fatalities:

HTML | 2018 | Update Table

Table 124
People Killed, Population, and Fatality Rates in Cities with a Population of 150,000 or Greater, 2018

City	Fatalities			2018 Population	Fatality Rate per 100,000 Population	
	2018 Total Killed	2018 Pedestrians Killed	Percent of Total Killed		Total	Pedestrian
New York city, NY	195	112	57.4	8,398,748	2.32	1.33
Los Angeles city, CA	273	117	42.9	3,990,456	6.84	2.93
Chicago city, IL	131	46	35.1	2,705,994	4.84	1.70
Houston city, TX	204	63	30.9	2,325,502	8.77	2.71
Phoenix city, AZ	245	110	44.9	1,660,272	14.76	6.63
Philadelphia city, PA	102	41	40.2	1,584,138	6.44	2.59
San Antonio city, TX	148	46	31.1	1,532,233	9.66	3.00
San Diego city, CA	95	44	46.3	1,425,976	6.66	3.09
Dallas city, TX	198	54	27.3	1,345,047	14.72	4.01
San Jose city, CA	60	22	36.7	1,030,119	5.82	2.14
Austin city, TX	71	30	42.3	964,254	7.36	3.11
Jacksonville city, FL	136	34	25.0	903,889	15.05	3.76
Fort Worth city, TX	102	33	32.4	895,008	11.40	3.69

Exhibit AA

Fernanda Sanchez
Thesis

Gentrification: A Community's Ethnic Erasure

Fernanda Sanchez

2018 NonViolence Capstone Thesis

California State University Polytechnic Pomona

Gentrification: A Community's Ethnic Erasure

Introduction

From the pachuco eras, to the high school walk-outs, East LA has always contributed to the history of Los Angeles. Our streets littered with colors and stories, are home to our most vulnerable group of minorities. Currently, these communities are confronted with the threat of displacement in the form of gentrification. Gentrification looks different in every community, but the effects are the same; underprivileged residents are displaced out of their homes and communities. This pattern is what is referred to as *gentrification*. This occurrence has been seen all over the United States and has impacted countless families and people. Gentrification is an urgent sociological issue because it creates segregation, displaces residents out of their homes, and contributes to ethnic erasure.

In this thesis, my efforts will be mainly focused in the communities of North East Los Angeles, specifically Highland Park and Lincoln Heights. In these communities, gentrification has had serious economic, demographic, sociological, and cultural impacts. In the efforts of implementing nonviolence methodologies learned throughout the program, I will incorporate Gandhi's nonviolent methods, specifically from the works where Gandhi introduces the concept of *satyagraha,* as well as where he claims that non violence starts with the self. The reason for this, is because Gandhi's methodology has been used as a model in historic civil movements, by activists who studied and executed his teachings, such as Martin Luther King Jr and Cesar Chavez. Utilizing Gandhi's framework in the context of community activists fighting

gentrification may provide a strategy, or even a solution, on how to organize and make change effectively, given that most efforts thus far have been to no avail.

I have seen first hand, the negative effects gentrification has had on my communities. My neighboring community of Highland Park, has been massively affected by gentrification, and the community I am currently residing in, Lincoln Heights, is currently experiencing the first waves of gentrification. These experiences are what have motivated this project.

A National Issue

The term 'gentrification' was first coined by sociologist Ruth Glass, in her book, *London: Aspects of Change*. It is here where Glass expressed her concern of middle class folks being displaced from their neighborhoods to the point where the "whole social character of the district is changed" (Glass, 1963). Glass's observations of these impacted London neighborhoods clearly captured the unjust significance of gentrification happening all over the globe. Since then, this sociological phenomena has evolved, and the term has been used to describe similar social situations, in which people are displaced and replaced by wealthier people. Additionally, because displacement looks different in every community, gentrification may also entail other sociological aspects, such as arts, music, local businesses and so on. In short, gentrification is the displacement of an economic and social class from a neighborhood/geographical area.

According to *Governing Magazine*'s data report where the Census' demographic tract data was analyzed, gentrification has increased by 11% since the 90's.[1] Like many other scholars, *Governing* recognizes that "researchers define gentrification differently" and therefore

[1] Governing 2015, accessed February 3, 2018.

their research was conducted by computing " growth rates [...] for eligible tracts' inflation-adjusted median home values and percentage of adults with bachelor's degrees" [2]. That is to say, this data report ranks the cities with the highest percentage of communities being gentrified in the United States, by utilizing the Census' Bureau's American Community Survey form the years of 2009 to 2013[3]. Their data report, places Portland Oregon as the number one city on the list at 58%; meaning, 58% of Portland Oregon's population are gentrifiers[4]. This data report concludes that the 4 cities Portland, Washington, Minneapolis, and Seattle, have 50% or more of their communities being gentrified. This inevitably means that numerous people are being directly displaced due to gentrification; their oppression has been swept under the rug in the name of "economic growth". In this report, Los Angeles ranks 27 and has been characterized by unprecedented patterns of gentrification that have been seen in Los Angeles.

The case study, '*Weak-Center' Gentrification and the Contradictions of Containment: Deconcentrating Poverty in Downtown Los Angeles,* conducted by Ellen Reese, Geoffrey Deverteuil, and Leanne Thatch, focuses on the poverty in Skid Row, as well as the effects gentrification has on social, welfare aid in Downtown Los Angeles. This case study begins with the focus on the initial signs of urban gentrification that were first seen in Los Angeles, and attributes such urban gentrification to local government policies and private capitals that further repress the poor[5]. The homelessness population in urban cities is high, and so, gentrification becomes a strategy to get rid of the homeless population[6]; specifically by relocating the homeless

[2] Governing February 2015, accessed February 3, 2018
[3] (Governing February 2015, accessed February 2018)
[4] (Governing February 2015, accessed Feb 3 2018)
[5] (Reese et al, 2010)
[6] (Newman and Wyly, 2006)

to much less densely populated streets. This case study also highlights how many urban cities follow this model throughout the US (Reese et al, 2010). Looking specifically at Downtown Los Angeles, they look at the population and demographics of Los Angeles as a whole. The population of homelessness is highest in Skid Row, which leads to local government to resort to deconcentration of the homelessness population[7]. That is to say, the government seeks methods such as gentrification, to alleviate the streets from the dense homeless population. Yet, on the flipside of the coin, in suburban areas gentrification displaces folks, resulting in a spike in the homeless population, being that those who are displaced from their homes often have nowhere to immediately go.

North East Los Angeles

Highland Park is a small community, minutes away from Downtown Los Angeles. Growing up here, Highland Park was predominantly Lainx folks. The shops down York and Figueroa Avenue were once a reflection of the Latinx community; now, Highland Park sits pretty on Vogue Magazine pages. Highland Park has now been nicknamed "Ground Zero" for gentrification[8].

The year 2014 was a historical one for Highland Park, as nearly 30 apartment buildings were bought out, and gained new owners[9]. This consequently lead to these apartment buildings being remodeled, increased in property value, and displaced the tenants that had been living there for years[10]. To break this down a bit further, Highland Park has the area of less than 4

[7] (Reese et al, 2010)
[8] (Bogado January 2015, accessed February 2018)
[9] (LA Times December 2014, accessed January 31 2018)
[10] (LA Times 2016, accessed January 31, 2018)

square miles, compared to Los Angeles area of 503 square miles[11]. Within this small geographical area, hundreds of residents were removed from their homes. This first big wave severely disrupted the community, and spiked the homeless population; many of the displaced families were faced with the ugly truth that comes with gentrification: homelessness[12]. Highland Park is no longer the ethnic oasis it once was, and it all happened within a matter of years.

The lack of a rent control policy highly contributes to the gentrification in Highland Park. One of the components of the policy of rent control, is that tenants who are being kicked out of their home without notice, mainly due to new ownership, must be financially compensated. The establishment of RSO (Rent Stabilization ordinance) secured buildings built prior to October 1, 1978 to rent and eviction regulations[13]. This means, buildings that were built post 1980, no longer qualify for rent control[14]. In the year of 2005, more than 9,000 apartments lost their rent control in Los Angeles[15]. This big loophole leads to vulnerable tenants who are not covered by RSO. By not being compensated when kicked out, tenants face a dehumanizing dilemma of being evicted without any resources nor financial compensation. The United Nations has declared housing to be a human right, and therefore these residents of Highland Park are being denied their basic human right[16].

Community members, friends, family members, were removed from their 20+ years home, and were left homeless. Because these tenants were a vulnerable group of community members, many of them non english speaking immigrants, they became an easy target to harass

---

[11] (LA Times Mapping, accessed February 5, 2018)
[12] (LA Times 2017, accessed January 31, 2018)
[13] https://hcidla2.lacity.org/residents/what-is-covered-under-the-rso
[14] (http://hcidla.lacity.org/What-is-Covered-under-the-RSO, accessed Jan 30, 2018)
[15] (Cleeland 2006, accessed February 10, 2018)
[16] (Universal Declaration of Human Rights, accessed February 4, 2018)

and displace. And so, gentrification spread like wildfire. Buildings were being bought, and people were being kicked out. Arroyo Park by the 110 freeway exit was filled with families who had just been dislocated; it was all over the news for a few days and then everyone forgot about them[17]. Highland Park is no longer the neighborhood it used to be, in both demographic and economic respects. All the Latinx "Mom and Pop" shops have been replaced with yoga studios and trendy hipster bars, and overpriced services[18].

Those In Favor of Gentrification

There are those in the communities, who are not against gentrification. For communities such as mine, Lincoln Heights, gentrification is just beginning to ripple. The older generation seems to always give the same argument: gentrification makes communities safer and prettier. Although this may hold some truth to it, gentrification is a lot more complex, and will ultimately also displace those who are in favor of it. This has been seen in other communities; the demographics of fully gentrified communities are completely changed[19].

There is also negative backlash from the incoming folks, the gentrifiers and the investors. The narrative going around is that, they are fixing our neighbourhoods and increasing property value, and should therefore be thanked, and we, the native community, should be thankful for that[20]. This ideology perfectly reflects the confidence and position of power these new folks feel entitled to; they are not here to co-exist, they are here to take over.

---

[17] (LA Times, 2016, accessed February 2018)
[18] https://www.vogue.com/article/highland-park-la-los-angeles-guide-figueroa-street
[19] (*Governing Magazine 2015, accessed February 2018)*
[20] (LA Weekly 2016, accessed January 31, 2018)

Gentrification: The Incoming Neighbor

It remains vitally important to recognize the detrimental effects gentrification has on a community. These effects are as follows: displacement, segregation, homelessness, and ethnic erasure. The long term aftermath of gentrification, is something that is often overlooked, yet is still something incredibly serious.

Displacement can be seen in a wide variety of ways. Displacement can come about through: eviction, unaffordable rent spikes, and business replacements with high priced goods. Majority of the residents are low income renters. When a community in North East LA is being gentrified, property value starts to increase as the economic stew starts to simmer. This leads to mass displacements as property and land suddenly becomes a "hot buy". As seen in Highland Park, those who are being displaced oftentimes do not have anywhere to immediately seek refuge. Through this immediate form of eviction, homelessness becomes an outcome of gentrification[21]. Hardworking families who have been living in a stable home, suddenly face a violent and immediate form of homelessness, without any sort of transitional aid.

These families and people who have been affected by gentrification, must eventually find a place to go, but where do they go? The communities around them are also facing gentrification; they cannot go there either. The communities that are still affordable and in Los Angeles, such as South Gate, will then become highly populated, more than it already is simply because there is nowhere else to go; a shapeless form of segregation in the image of a ghetto without fences.

The same pattern that was seen in Highland Park is now being seen in my community of Lincoln Heights. Lincoln Heights is the neighbouring community to Highland Park; it is

[21] (LA Times, 2016, accessed February 2018)

borderline Downtown Los Angeles and Chinatown, leaving it to be a prime spot for hipster heaven. Here in North East LA, the first clear indication of gentrification was first seen when the local businesses started to change. I remember driving down Figueroa and York and realizing how fast everything was changing. These first trendy businesses to open up in these "up and coming" communities caused a ripple effect. These new businesses do not cater to the native community, and therefore a form of displacement, as not only do native locals now have to travel elsewhere for the goods that they require because their local shop has been replaced, the overpriced goods of these trendy new businesses are not in demand by the native community. The scene and the aesthetics of the community start to change as well. The old school taqueria is no longer suitable for the scenery of these new residents; the restaurant is bought out and turned into a new hipster bar or cafe[22]. These new businesses emerging also bring up the property value of the neighborhood, creating a wave of investors taking over property at the opportune time. This is also where the genuine, cultural aspect of the community also leaves; the authentic ethnic businesses are no longer being patronized, and so also go out of business. The businesses with the iconic decades old murals are suddenly bought out and painted over. Our art suddenly does not have a space in our communities anymore. All that is left behind is a community full of new affluent folks, and their trendy businesses. An instance of ethnic erasure is seen in Vogue's recent article "An Insider's Guide to Los Angeles's Highland Park" which was written in 2017, after gentrification took its toll in the Highland Park Community[23]. This article glorifies the new

[22] This literally happened in my neighborhood, where the historic *Tacos Chapalitas*, was replaced by *The Heights*, a trendy bar.
[23] Conrad May 2017, accessed March 2019

trendy and artsy shops in Highland Park, not once mentioning any remaining ethnic shops in Highland Park; it's as if our Latinx community was never there.

My community of Lincoln Heights is surely a prime contender for being gentrified next; the businesses on Broadway are already changing. These businesses include 'Vintage Music Shops', Cafes, Bars, Farmer's Markets, and Art Studios. I have lived here since 1998, and can say that Highland Park's experience of accelerated gentrification, will be the new trend for its neighboring communities. I say this, because these new businesses, the new incoming gentrifiers, have all happened within a matter of 4 years. The community consensus seems to be torn; there are those who are aware of the negative impacts of gentrification, as they were seen to our fellow community members of Highland Park, and there are those who believe that gentrification is the key to economically lifting low-income communities. We have seen that rhetoric spewed by our politicians, unaware that they too are digging their own grave; once the demographics of a community change, they will surely vote for someone to better represent them.

For the purposes of this Nonviolence Capstone thesis, we shall move on to the integral part of this project: implementing nonviolent methodologies, as a form of organizing efforts to fight gentrification.

Solution: Implementing Gandhi's Methodology

Gandhi's civil movements made historical waves and had long lasting impacts. Gandhi's method of nonviolence has been influential and used in historical social movements in the United States. In this thesis, we will focus on the efforts of Martin Luther King Jr, and Cesar

Chavez, as they both attribute their methodology in their civil disobedience tactics, to Gandhi himself[24].

These historical movements are important to draw upon, because the civil issues they were confronting were violent at times, just like gentrification in North East LA is facing right now. That is to say, gentrification is creating segregation within these communities, a clear form of structural violence. If the native local residents are being pushed out of their neighborhood due to changes occurring brought by gentrification, then these residents are forced into different neighborhoods. However, the neighboring communities are also being gentrified, which leads to the question: where do the displaced community members go? It seems that they would have to go to a neighborhood they can still afford, which pushes them into a low income, overpopulated, impoverished neighborhood. This aftermath caused by gentrification, creates a division, ultimately segregating those who are poor. If we look at Dr. Martin Luther King's response to segregation through his nonviolent social movements, we will find that oftentimes this resistance was in the form of nonviolent civil disobedience[25]. The same methodology can be applied here. One of the key components to Dr. Martin Luther King Jr's movement, was that of keeping everyone informed through his very powerful speeches. This allowed for everyone to be unified, informed, and on the same page, as well as creating solidarity for those who were being marginalized. This sort of unity, allowed for the successful organization of social movements in the form of civil disobedience. Dr. Martin Luther King Jr also kept those outside of the

---

[24] "He Inspired MLK.(Mohandas Gandhi and Martin Luther King Jr.)." Junior Scholastic 122.2 (2019): 3. Web.
Orosco, José-Antonio. Cesar Chavez and the Common Sense of Nonviolence. Albuquerque: U of New Mexico, 2008. Print.

[25] "He Inspired MLK.(Mohandas Gandhi and Martin Luther King Jr.)." Junior Scholastic 122.2 (2019): 3. Web.

movement aware of the issues his people were facing; communication to the opposing side is something that requires calculation. His letter from Birmingham Jail for example, created a platform in which those who were in power, in this case clergymen, to be informed and see the importance of his movements[26]. In this letter, Dr. King illustrates the importance of nonviolent civil disobedience: civil disobedience opens up the path for negotiation[27]. By creating a "crisis packed" situation, the door to negotiation will open, which can only furthers the agenda of nonviolent method[28].

There needs to be unity and clarity in the message of the movements in order to be successful. Much like Gandhi's Salt March and The Great March, or Cesar Chavez Worker's Strike, and the social movement in Africa led by Gandhi for example, started by unifying the Indian community first, and getting them all on the same agenda of non-violence before participating[29]. Gandhi established the notion of 'on-violence starting at the individual level; the individual must encompass nonviolence methodologies and practices. For Gandhi, this inevitably meant that a non-violent social movement on a larger scale, all of the participants are unified, both in following the message of the movement and upholding its nonviolent methods.

Upholding nonviolence methodologies is quite the disciplined sacrifice. This means that if the participants are faced with violence, they cannot fight back. Ultimately, Gandhi argues that this sort of peaceful reaction demonstrates how important the injustices the people are fighting

---

[26] (*King, Letter from Birmingham Jail 1963)*
[27] (*King, Letter from Birmingham Jail 1963)*
[28] (*Dr. King, Letter From Birmingham Jail 1963)*
[29] Mukherjee, Mithi. "Transcending Identity: Gandhi, Nonviolence, and the Pursuit of a "Different" Freedom in Modern India." *The American Historical Review* 115.2 (2010): 453-73. Web.

for are[30]. More importantly, because the protest was in a nonviolent way, the message will be able to be expressed on a larger platform; the world will start listening to the demands, allowing for rational negotiation. This is how Gandhi led the movements, rallies, and marches in South Africa; he started by teaching individuals the power of non-violence strategies[31].

Such efforts can be reinforced by nonviolent demonstrations such as a well-organized and well attended march with a clear agenda, like voicing that reinstating rent control for everyone and educating renters on their rights. Community members can also unify to boycott the in-coming businesses in the neighborhoods that do not cater to the already existing community. Much like the tea boycotts in India, or the grape boycott led by Cesar Chavez, boycotting businesses or a product, not only sends a message, but creates direct impact as well. Boycotting seems to be a successful form of nonviolence strategy and can absolutely be implemented in our North East Los Angeles communities, by boycotting gentrifying businesses and redirecting patronage to local businesses owned by members of the community, in order to preserve the culture of the community.

My best efforts in compiling a solution in addressing gentrification in North East LA specifically, is by following a '4-Step Nonviolent Process'. The four steps are as follows: Nonviolence within Oneself, Dialogue, Voting, and Boycotting. The protests in Highland Park for example, made other communities aware of the gentrification yet failed to have any beneficial impact in addressing the problem, it seems. This conclusion comes from the overall outcome of the amount of people displaced. Where did these movements and efforts of our locals

---

[30] Chandel, Bhuvan. "Gandhi on Non-Violence (Ahimsa)." *Diogenes* 61.3-4 (2014): 135-42. Web

[31] Peare, Catherine Owens. *Mahatma Gandhi, Father of Nonviolence*. 1st Ed.]. ed. New York: Hawthorn, 1969. Print.

go wrong? I do not have an explanation for this all, but we can certainly assess, critique, and compare social movement strategies.

There were a couple of marches in Highland Park to protest gentrification[32]. Like most marches that happened, they were fueled by emotions, justifiably so. Oftentimes, these movements resulted in vandalism of the new hipster businesses that took over the community. This created a lot of tension between native locals and incoming residents. If we compare this to the nonviolent Salt Marches led by Gandhi, we can see that they both had a clear message, however, Highland Parks efforts were of course not within the nonviolent framework, and the question stands if non violence is the key for a successful social movement.

If nonviolence starts with the self at the individual level, one must refrain from the rhetoric of "us vs them", which is one Gandhi's main teachings; do not make the movement personal[33]. Recognizing this however, is very different from implementing. Specifically, asking folks who have been displaced, harassed, and dehumanized, to make a movement without making personal, will require a lot of conscious effort. Oftentimes, I have questioned whether this is possible or not, I am then reminded of the participants in Gandhi's, MLK, and Ceasar Chavezs' movements. I have often seen the mindset of "hipsters vs us", given that there is ethnic tension in the North East LA communities facing gentrification. This in itself, is a form of segregation, and a civil movement motivated by such ideals, will not succeed, according to Gandhi's teachings. This is because this sort of mentality perpetuates segregation and hatred, and

[32] https://boomcalifornia.com/2019/01/16/protesting-displacement-and-the-right-to-the-city/
[33] Chandel, Bhuvan. "Gandhi on Non-Violence (Ahimsa)." *Diogenes* 61.3-4 (2014): 135-42. Web.

restrains one from being nonviolent as well as gaining allies. This is why nonviolence needs to start with the self.

We will take a look into an instance when a social movement did not encompass nonviolent methodologies. If we look at the case of Amy Biehl, a student who was murdered in the riots of Apartheid South Africa, we see how hatred blidnly motivated the oppress. Amy Biehl was a fulbright scholar writing a thesis on Nambian independence and was an ally as she was working there as an anti-apartheid activist[34]. She was unfortunately murdered during the riots, and was immediately seen as a threat because she was right, without realizing she was in fact an ally. This segregated view on the issue of "whites vs blacks", perpetuated violence against an ally. This is why nonviolence starts with the self, so that a civil movement does not carry out violent actions.

Non-violent methods include an honest dialogue. It seems like facilitating an open dialogue of gentrification and creating dialogue among the residents in an open forum so as to educate the community on renter's rights, and to bring awareness to the incoming community on their contribution of displacing community members. Community council meetings, for example, can be used to engage and encourage members in the discussion of nonviolent movements and what they entail in order to be successful. Such meetings can underscore the need for the involvement of the whole community to launch a unified response to people in power who make decisions in favor of gentrification. Nonviolent movements require involvement, and this means that the whole community needs to unify and participate in dialogue at community meetings, where people in power, such as neighborhood councils, are present.

---

[34] Jwili, Helen, et al. *Long Night's Journey into Day: South Africa's Search for Truth &Amp; Reconciliation*

These community dialogues must also include the gentrifiers, as inclusion is another part of a nonviolent social movement. Looking at the civil rights movements, specifically that of the *Lunch Counter Sit-Ins*, reveals the importance of having allies in a social movements[35]. White allies helped the protesters prepare for the lunch counter sit-ins, as well as helped spread the message of what was going on leading to a larger platform to voice the issues at hand[36]. It is a given that not all gentrifiers will be allies, nevertheless including them in these dialogues may create allies out of people who once were not.

Voting is a nonviolent tool that can further create progress for the community. It is imperative to also take legal matters back into the hands of the community members. This can be done, by bringing back rent control onto the ballot. Additionally, voting representatives who recognize the detrimental effects of gentrification, would add a layer of protection to the rights of the natives of these North East LA communities, because currently our district representatives do not view gentrification as a threat. Allies are a key feature in this process as well, so that they can vote with the community, and help protect our culture and rights.

Lastly, a more direct form of action is that of boycotting incoming businesses, in order to protect already existing ethnic businesses. The Ceasar Chavez grape boycotts for example, brought awareness to the injustices the farmworkers were facing, and also allowed allies to participating in this movement, by also boycott these companies[37]. Similarly, by boycotting the incoming gentrifying businesses, we allow others to participate in the efforts against

---

[35] Herr, Melody. *Sitting for Equal Service: Lunch Counter Sit-ins, United States, 1960s*. Minneapolis, MN: Twenty-First Century, 2011. Print. Civil Rights Struggles around the World.

[36] Herr, Melody. *Sitting for Equal Service: Lunch Counter Sit-ins, United States, 1960s*. Minneapolis, MN: Twenty-First Century, 2011. Print. Civil Rights Struggles around the World.

[37] ."Grape Boycotts." 1 (2013): 309-10. Web.

gentrification, as well as directly fighting gentrification. This will inevitably mean that allies are necessary to carry out this form of civil disobedience. Which is why, dialogue must first take place before direct action ensues. It is important to send the message to those who want to be allies, that moving into an ethnic community must result in embracing the culture, rather than replacing. This would include patronizing ethnic businesses, and boycotting incoming, high priced businesses that contribute to ethnic erasure. Those gentrifying businesses that have already taken over the community, must also hold accountability for their contributed displacement, and must foster a welcoming atmosphere for local natives in their spaces, because oftentimes that is not the case.

Conclusion

It is important to note that my efforts for this thesis render a basic synthesis and analysis on gentrification in North East Los Angeles communities and applicable nonviolence methodologies to address gentrification in these North East Los Angeles communities. Gentrification can and should be addressed in many different ways, from legal laws, to social movements. The key component is that it must be in the framework of nonviolence, as a whole, and at the individual level. The community also needs to recognize that allies are important and a key component in successful civil movements.The urgent injustices that arise out of gentrification nevertheless, such as homelessness and segregation, are reasons why gentrification should be immediately recognized as a threat to our communities. Our East Los Angeles Natives deserve a home and safe space to call their own. Our humble vulnerable minorities have the right to housing without the constant fear of being displaced by those who fail to see them as humans.

With this framework, addressing gentrification and protecting those negatively affected by it, is a realistic possibility.

Sources

1. Romero, Dennis. “Homebuilder Tells Highland Park Neighbors to Be Grateful for Gentrification.” *L.A. Weekly*, 2 Apr. 2016, www.laweekly.com/news/homebuilder-tells-highland-park-neighbors-to-be-grateful-for-gentrification-6769092.
2. Solis, Nathan. “Highland Park Residents Share Stories of Gentrification during Saturday Night Demonstration & Vigil.” *The Eastsider LA*, 14 Dec. 2014, www.theeastsiderla.com/2014/12/highland-park-residents-share-stories-of-gentrification-during-saturday-night-demonstration-vigil/.
3. Solis, Nathan. “Empty Apartment Buildings Raise Concern about Highland Park Gentrification.” *The Eastsider LA*, 4 Dec. 2014, www.theeastsiderla.com/2014/12/empty-apartment-buildings-raise-concern-about-highland-park-gentrification/.
4. Bermudez, Esmeralda. “Surge in Latino Homeless Population 'a Whole New Phenomenon' for Los Angeles.” *Los Angeles Times*, Los Angeles Times, 18 June 2017, www.latimes.com/local/california/la-me-latino-homeless-20170618-story.html.
5. Lopez, Steve. “Everyone Loves L.A. - and That's the Problem.” *Los Angeles Times*, Los Angeles Times, 17 June 2017, www.latimes.com/local/california/la-me-lopez-housing-crisis-06182017-story.html.
6. De Verteuil, G. (2011). Evidence of Gentrification-induced Displacement among Social Services in London and Los Angeles. *Urban Studies, 48*(8), 1563-1580.

7. Reese, E., Deverteuil, G., & Thach, L. (2010). 'Weak-Center' Gentrification and the Contradictions of Containment: Deconcentrating Poverty in Downtown Los Angeles. *International Journal of Urban and Regional Research, 34*(2), 310-327.
8. Rogers, A., & University of Oxford. School of Geography. (1989). *Gentrification, power and versions of community: A case study of Los Angeles*(Research papers (University of Oxford. School of Geography) ; no. 43). Oxford: School of Geography, University of Oxford.
9. Vasquez, J. (1988). *Gentrification: A case study of Angelino Heights and West Adams*.
10. Zaiac, N. (2016). Zoning Rules! The Economics of Land Use Regulation. *Cato Journal, 36*(3), 725-731.
11. Logan, Tim. "Highland Park Renters Feel the Squeeze of Gentrification." *Los Angeles Times*, Los Angeles Times, 21 Dec. 2014, www.latimes.com/business/realestate/la-fi-highland-park-renters-20141221-story.html.
12. Coronado, Dana. "Los Angeles Rent Control Laws: A Primer for Silver Lake & Echo Park Buyers." *Coronado Real Estate Group*, 29 Jan. 2015, www.coronadoreg.net/2015/news/los-angeles-rent-control-laws-a-primer-for-silver-lake-echo-park-buyers/.
13. Glass, Ruth. *London: Aspects of Change*. MacGibbon &Amp; Kee, 1964.
14. Maciag, Mike. "Gentrification in America Report." *Governing Magazine: State and Local Government News for America's Leaders*, Feb. 2015, www.governing.com/gov-data/gentrification-in-cities-governing-report.html.
15. "Highland Park." *Los Angeles Times*, Los Angeles Times, maps.latimes.com/neighborhoods/neighborhood/highland-park/.
16. Reese, E., Deverteuil, G. and Thach, L. (2010), 'Weak-Center' Gentrification and the Contradictions of Containment: Deconcentrating Poverty in Downtown Los Angeles. International Journal of Urban and Regional Research, 34: 310–327. doi:10.1111/j.1468-2427.2010.00900.x
17. Newman, J. and E. Wyly(2006) The right to stay put, revisited: gentrification and resistance to displacement in New York City. *Urban Studies* **43**.1, 23–57.
18. Cleeland, N. (2006) Low pay, high rent, wit's end. *Los Angeles Times* **24** October, B3.

19. Bogado, Aura. “Dispatch from Highland Park: Gentrification, Displacement and the Disappearance of Latino Businesses.” *Colorlines*, 18 Apr. 2015, www.colorlines.com/articles/dispatch-highland-park-gentrification-displacement-and-disappearance-latino-businesses.
20. King, Martin Luther. "Letter from Birmingham Jail." *Letter from Birmingham Jail*, 8/1/2017, pp. 1-12. EBSCO*host*, proxy.library.cpp.edu/login?url=http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,uid&db=aph&AN=21212445&site=ehost-live&scope=site.
21. Conrad, Jennifer. “An Insider's Guide to Los Angeles's Highland Park.” *Vogue*, 7 May 2017, www.vogue.com/article/highland-park-la-los-angeles-guide-figueroa-street.
22. Jwili, Helen, et al. *Long Night's Journey into Day: South Africa's Search for Truth &Amp; Reconciliation*. California Newsreel, 2000.
23. https://boomcalifornia.com/2019/01/16/protesting-displacement-and-the-right-to-the-city/
24. Mukherjee, Mithi. "Transcending Identity: Gandhi, Nonviolence, and the Pursuit of a "Different" Freedom in Modern India." *The American Historical Review* 115.2 (2010): 453-73. Web.
25. Peare, Catherine Owens. *Mahatma Gandhi, Father of Nonviolence*. 1st Ed.]. ed. New York: Hawthorn, 1969. Print.
26. Chandel, Bhuvan. "Gandhi on Non-Violence (Ahimsa)." *Diogenes* 61.3-4 (2014): 135-42. Web
27. Herr, Melody. *Sitting for Equal Service: Lunch Counter Sit-ins, United States, 1960s*. Minneapolis, MN: Twenty-First Century, 2011. Print. Civil Rights Struggles around the World.
28. Cruz, Bárbara. *César Chávez: A Voice for Farmworkers*. Berkeley Heights, NJ: Enslow, 2005. Print. Latino Biography Library.
29. Guinan, Edward. Peace and Nonviolence: Basic Writings. New York: Paulist, 1973. Print.
30. Orosco, José-Antonio. Cesar Chavez and the Common Sense of Nonviolence. Albuquerque: U of New Mexico, 2008. Print.
31. "He Inspired MLK.(Mohandas Gandhi and Martin Luther King Jr.)." Junior Scholastic 122.2 (2019): 3. Web.

Exhibit BB

Highway Fatalities

https://cdan.nhtsa.gov/SASStoredProcess/guest

Fatalities: Pedestrian and Bicyclists

FYI: The link above (https://cdan.nhtsa.gov/SASStoredProcess/guest) is a general link and cannot be bookmarked

Traffic Safety Performance (Core Outcome) Measures* For California

Core Outcome Measures		Year									
		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Traffic Fatalities	Total (C-1)	3,090	2,720	2,816	2,966	3,107	3,102	3,387	3,837	3,884	3,563
	Rural	1,320	1,162	1,190	1,200	1,201	1,170	1,404	1,593	1,423	1,072
	Urban	1,770	1,558	1,626	1,766	1,906	1,931	1,982	2,244	2,458	2,490
	Unknown	0	0	0	0	0	1	1	0	3	1
Fatalities Per 100 Million Vehicle Miles Driven	Total (C-3)	0.95	0.84	0.88	0.91	0.94	0.93	1.01	1.13	1.13	1.02
	Rural	2.27	2.00	2.11	2.09	2.32	2.23	2.62	3.01	2.60	1.83
	Urban	0.66	0.59	0.61	0.66	0.69	0.69	0.70	0.78	0.85	0.86
Passenger Vehicle Occupant Fatalities (All Seat Positions)	Total	1,922	1,590	1,558	1,623	1,657	1,631	1,849	2,030	2,093	1,923
	Restrained	1,153	981	930	1,028	1,014	1,000	1,119	1,268	1,288	1,169
	Unrestrained (C-4)	639	483	528	496	516	479	568	611	625	598
	Unknown	130	126	100	99	127	152	162	151	180	156
Alcohol-Impaired Driving Fatalities (BAC=.08+)** (C-5)		924	774	774	829	880	876	902	1,114	1,147	1,069
Speeding-Related Fatalities (C-6)		1,089	925	898	954	992	995	1,032	1,151	1,164	927
Motorcyclist Fatalities	Total (C-7)	394	352	415	447	463	522	494	576	578	488
	Helmeted	342	324	385	409	417	491	464	533	519	449
	Unhelmeted (C-8)	46	25	26	32	35	24	23	28	45	30
	Unknown	6	3	4	6	11	7	7	15	14	9
Drivers Involved in Fatal Crashes	Total	4,193	3,654	3,781	3,965	4,222	4,259	4,679	5,293	5,443	4,929
	Aged Under 15	2	5	1	1	3	0	3	0	0	3
	Aged 15-20	429	331	326	329	355	383	401	448	424	369
	Aged Under 21 (C-9)	431	336	327	330	358	383	404	448	424	372
	Aged 21 and Over	3,652	3,188	3,316	3,511	3,708	3,719	4,108	4,638	4,817	4,344
	Unknown Age	110	130	138	124	156	157	167	207	202	213
Pedestrian Fatalities (C-10)		567	601	633	653	734	709	819	933	940	893
Bicyclist and Other Cyclist Fatalities**** (C-11)		99	100	116	129	147	129	136	155	145	155
Observed Seat Belt Use*** (B-1)		95.3	96.2	96.6	95.5	97.4	97.1	97.3	96.5	96.2	95.9

Back t

California Fatalities by Person Type

Person Type		2014		2015		2016		2017		2018	
		Number	Percent*	Number	Percent*	Number	Percent*	Number	Percent*	Number	Percent*
Occupants	Passenger Car	1,066	34	1,170	35	1,357	35	1,363	35	1,219	34
	Light Truck - Pickup	209	7	294	9	272	7	287	7	245	7
	Light Truck - Utility	271	9	288	9	307	8	346	9	372	10
	Light Truck - Van	79	3	88	3	88	2	91	2	77	2
	Light Truck - Other	6	0	9	0	6	0	6	0	10	0
	Large Truck	33	1	32	1	54	1	53	1	45	1
	Bus	17	1	1	0	20	1	3	0	0	0
	Other/Unknown Occupants	26	1	14	0	18	0	24	1	25	1
	Total Occupants	1,707	55	1,896	56	2,122	55	2,173	56	1,993	56
Motorcyclists	*Total Motorcyclists*	522	17	494	15	576	15	578	15	488	14
Nonoccupants	Pedestrian	709	23	819	24	933	24	940	24	893	25
	Bicyclist and Other Cyclist	129	4	136	4	155	4	145	4	155	4
	Other/Unknown Nonoccupants	35	1	42	1	51	1	48	1	34	1
	Total Nonoccupants	873	28	997	29	1,139	30	1,133	29	1,082	30
Total	*Total*	3,102	100	3,387	100	3,837	100	3,884	100	3,563	100

Exhibit CC

Walkable Services

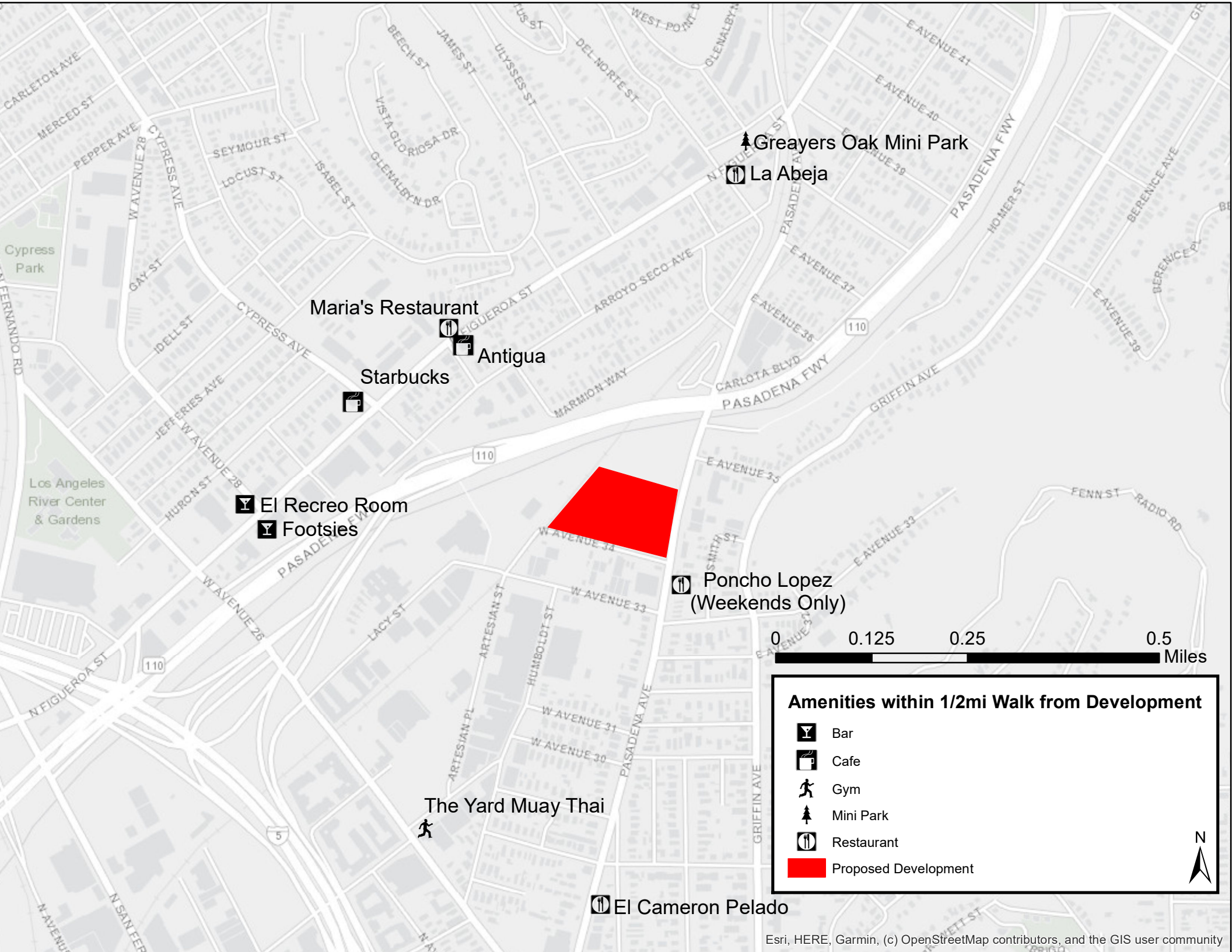

Greayers Oak Mini Park
La Abeja
Maria's Restaurant
Antigua
Starbucks
El Recreo Room
Footsies
Poncho Lopez
(Weekends Only)
The Yard Muay Thai
El Cameron Pelado
Cypress Park
Los Angeles River Center & Gardens
PASADENA FWY
ARROYO SECO AVE
CARLOTA BLVD
MARMION WAY
GRIFFIN AVE
N FIGUEROA ST
CYPRESS AVE
W AVENUE 28
W AVENUE 26
W AVENUE 34
W AVENUE 33
W AVENUE 31
W AVENUE 30
E AVENUE 41
E AVENUE 40
E AVENUE 39
E AVENUE 37
E AVENUE 36
E AVENUE 35
E AVENUE 33
PASADENA AVE
ARTESIAN ST
HUMBOLDT ST
LACY ST
SMITH ST
FENN ST
RADIO RD
HOMER ST
BERENICE AVE
BERENICE PL
GLENALBYN DR
VISTA GLORIOSA DR
DEL NORTE ST
ULYSSES ST
JAMES ST
BEECH ST
SEYMOUR ST
LOCUST ST
ISABEL ST
GAY ST
IDELL ST
JEFFERIES AVE
HURON ST
MERCED ST
PEPPER AVE
CARLETON AVE
110
5
0
0.125
0.25
0.5
Miles
Amenities within 1/2mi Walk from Development
Bar
Cafe
Gym
Mini Park
Restaurant
Proposed Development
N
Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community

Exhibit DD

LA Times

As gentrification closes in, immigrants in Lincoln Heights find their American dream slipping away

Mejia, Brittny; Mozingo, Joe; Castillo, Andrea . Los Angeles Times (Online) , Los Angeles: Los Angeles Times Communications LLC. Apr 3, 2018.

ProQuest document link

ABSTRACT (ENGLISH)

Steve Kasten, a commercial real estate agent who opened his office on North Broadway 35 years ago, said it's natural that Lincoln Heights is the "new phenomenon" as people are squeezed out of the neighborhoods to the north and west. The housing crunch is fueled by a national population bulge, with the millennial generation entering the housing and rental market on the heels of the much smaller Generation X. At the same time, the previous big generation, the baby boomers, are staying in their homes longer. In such a small room, her life outside the building became more important — her interactions with the grocery clerk, cooking for the needy at the Buddhist temple on Broadway, her morning walk with friends around the lake in Lincoln Park. The mile-long strip was still mostly filled with bargain stores, money transfer businesses, hairstylists, florists, shoe repair shops, old bars, Mexican and Chinese cafes, fast-food restaurants and chain pharmacies.

FULL TEXT

Fidela Villasano's entire world was upending.

In August, her landlord sold the tiny clapboard bungalow where she had lived for 55 years, and the new owner notified her that he wanted her out in the next few months.

Like so many in Lincoln Heights, this tiny, rawboned 89-year-old woman had lived through a time of gang violence, high crime and police oppression. She never expected to be forced out by real estate values.

But, with just $900 a month from Social Security, where in Lincoln Heights could she afford to live? Where in Los Angeles?

Villasano's ouster had been 30 years in the making, since moneyed interests began combing through the hills of Silver Lake, Echo Park and Hollywood looking for fixer-uppers. They quickly turned scruffy neighborhoods into well-appointed, artsy enclaves for professionals with Audis and six-figure incomes.

In the last decade, gentrification grew closer to Lincoln Heights, transforming downtown L.A. and Chinatown on one side, and Eagle Rock and Highland Park on another. To the people getting squeezed out, the white hipster became the avatar for the invasion. Now he was knocking on the door of Villasano's 103-year-old home.

The Times spent months exploring one of Los Angeles' oldest neighborhoods and immigrant strongholds at a time of heightened anxiety over the Trump administration's threats to deport immigrants in the country illegally. Among the 74% of residents who rent in Lincoln Heights, the fear of eviction was just as consuming.

The gentrification in and around central Los Angeles has made Lincoln Heights a prime target for investors. It sits just a mile and a half from downtown and has its own walkable commercial district on Broadway. The views from its hillsides at night rival much wealthier perches in the Hollywood Hills or Mount Washington. And its streets are lined with apartments ready for renovation and sought-after "character homes," to use real estate parlance —old Victorians and Craftsman bungalows.

When the Eastlake Avenue bungalows' new owner first started coming around last year with contracts to vacate voluntarily, Villasano and others in the four courtyard units consulted one another on whether they would sign.

Israel Jinez hadn't planned to sign, but he eventually did when a neighbor did. The new owner, a Brentwood man, offered them $20,000 to vacate so he could renovate the four bungalows with no one in them.
Jinez, who had lived there for seven years, asked to have until Jan. 1 so he could try to find a new place for him, his wife and their 2-year-old daughter.
He searched throughout Lincoln Heights and Echo Park, where he'd once lived, hoping to stay close to his job as a bartender and cashier in Hollywood. A year earlier, though, his employer cut his hours back to 60 a month, so he was bringing in just $600.
He couldn't find a rental below $1,500 for a single, nearly double the rent on Eastlake Avenue. The $20,000 would cover that difference for two and a half years.
"We're not going to find anything cheap anywhere here," Jinez said.
Villasano lived with her disabled son. When she first moved there in 1962, she paid $40 a month, and last year she paid $640 a month. She worked for 35 years in Mexican restaurants and puts the money from Social Security toward rent and bills.
After more than half a century, her routines were etched into this neighborhood: the daily walk to McDonald's for morning coffee, afternoon chats with a friend in the courtyard, tending the grapevine she planted decades ago, her Sunday trek to Sacred Heart Church.
"I don't have anywhere to go," she said. "I want to stay where I am."
She didn't fully understand why she had to go. Her son signed the agreement. She had no choice.
In January, she and her family moved into a two-bedroom house in Boyle Heights for $2,000. But she must climb stairs and has no bedroom. At night she lies on a couch, disoriented and unable to sleep. For weeks, she returned to her old house in Lincoln Heights every morning.
She would stop at the McDonald's for her coffee. Then, she would walk over to the courtyard of her bungalow and sit in her plastic chair, talking to her neighbor and waiting for her dog, which escaped before she moved. On a recent day, she watched workers pull out a bathroom sink and drawers from her longtime home, tossing them in a trash pile.
***
Chris Vielma, 36, gets about 20 calls and several letters a month with offers to buy the green bungalow that his father, an immigrant from Mexico, bought from an Italian family in 1967.
One wanted the 89-year-old home next to the 5 Freeway as a starter house for his daughter and asked Vielma to name a price. Others have offered as much as $600,000.
Vielma doesn't plan to go. There are too many memories here —his dad planted the mango tree and rosebushes in front. Also, he loves the neighborhood and its history. He just hopes it doesn't change too much. Many of the residents around him, even in the single-family homes, are renters who would have no choice if a buyer came along and wanted to move in themselves.
"I'm all for improvements, but how are they making it better by getting rid of some of the people who enjoy being in this area?" he said. "For those who have heart in it, they really work hard to live where they're at."
Others say the change is inevitable. Steve Kasten, a commercial real estate agent who opened his office on North Broadway 35 years ago, said it's natural that Lincoln Heights is the "new phenomenon" as people are squeezed out of the neighborhoods to the north and west.
"If it changes the makeup of the community …should you stop it? How can you?" he said. "That's free enterprise, and the marketplace dictates what people want."
The housing crunch is fueled by a national population bulge, with the millennial generation entering the housing and rental market on the heels of the much smaller Generation X. At the same time, the previous big generation, the baby boomers, are staying in their homes longer. All of this is causing a housing shortage —an acute one in Los Angeles, where rent eats up 37% of average household income, compared with 27% nationwide.
While longtime homeowners have benefited from the rise in property values, renters —many in the neighborhood for decades —are being displaced.

Some have moved inland to San Bernardino, Hemet and Victorville, the last stock of relatively affordable housing in the region, or even farther, to Las Vegas and Phoenix.
Some move to South L.A., where prices have not risen as dramatically as they have on the Eastside.
Others pack more people into smaller apartments. A number have moved back to Mexico.
In Boyle Heights, activists have protested new art galleries and coffee shops.
But in Lincoln Heights, the trend has met little resistance. When the Heights Deli &Bottle Shop replaced a popular meat market on Broadway, offering more than 350 top-rated wines and craft beers, the complaints stayed within social media and neighborhood chatter.
Dave Mull, 29, was one of the young newcomers —a skateboarder from Vermont who works at Trader Joe's and films skating videos. In 2015, he moved into a house off Moonstone Drive, splitting the $2,400 monthly rent with his two brothers and another roommate.
In the year after he moved in, his landlord raised the rent a couple hundred dollars, but compared with other parts of the city, it was still a deal. When Mull wasn't working, he was filming around the neighborhood with his friends or hanging out at the Heights deli.
"I feel like a lot of people are moving over this way," Mull said. A friend found a studio apartment, and his girlfriend's co-worker found a place off Daly Street. "It seems like people are kind of scooting over from Silver Lake and down from Highland Park, because that's being gentrified now."
Like other newcomers, he felt conflicted over the question of whether he played some small role in pushing people out just by moving here.
Although Mull moved in with his girlfriend in Los Feliz in January, his brothers still live in the house in Lincoln Heights.
"It's definitely ideal for skateboarders to be kind of low key and manage to be so close to downtown and pay so little," he said.
But "so little" is a relative term when people of so many different means are colliding in one neighborhood.
Yang Ya, 87, would be out on the streets if she had to pay what Mull paid —and she almost was last year.
She lives in a single-room unit, 8 feet by 15 feet, with communal bathrooms and a kitchen down the hall. Her rent is $362. The widow, whose husband was killed in an American bombing in Vietnam, survives on $900 she gets monthly from Social Security.
When Yang, who is Vietnamese Chinese, arrived in California from Vietnam, she worked in Lincoln Heights garment factories, trimming loose thread for $15 a day.
When she moved into her building on Main Street 17 years ago, her rent was $170 a month. The bottom floor was a garment factory, with eight single-room occupancies above, rented by five other Cantonese speakers, one Korean and one Spanish speaker. She relished being independent from her son and daughter-in-law, with whom she had been living. And she could take the bus to Chinatown to shop, see the dentist and doctor, and visit friends.
Yang retired at 80. In such a small room, her life outside the building became more important —her interactions with the grocery clerk, cooking for the needy at the Buddhist temple on Broadway, her morning walk with friends around the lake in Lincoln Park.
A little over a year ago, she read an eviction notice on her front door.
The owner wanted to modernize the apartments and get higher-paying tenants.
Panic hit. Most of the residents were in their 80s and 90s, and didn't know how to look for new housing. One of the younger tenants, in his 60s, searched for apartments and reported back that the cheapest rent was $600 to $800.
"I couldn't sleep at night," Yang said. "I thought about it all day, every day."
Her son and his wife lived with their grown children in an already overcrowded apartment in Monterey Park. She would have no bedroom if she moved in with him. She dreaded the idea of losing her independence.
Fortunately, one of her neighbors learned that a group, Chinatown Community for Equitable Development, was helping renters in the area challenge evictions. With its guidance, the residents banded together and met with the owner.

After months of negotiations, the landlord backed off, allowing them to stay with a small increase in rent and a new rule that the tenants had to clean the communal areas themselves.

The battle over gentrification has been waged mostly in the dim corridors of rent-controlled apartment buildings like Yang's. Nearly 80% of apartments in the ZIP Code that includes much of Lincoln Heights are rent controlled, meaning landlords can only raise the rent about 3% every year on current tenants. The law places restrictions on landlords seeking to evict tenants in order to charge even more.

The average amount paid by renters in Lincoln Heights is $1,024 a month, according to census data. But the average rental on the market is $2,439, up almost $800 in the last four years, according to research conducted by Zillow.

Among the legal options available to landlords is converting rentals to condos, in which case they can legally evict tenants but must offer relocation assistance. Landlords also can try to persuade tenants to leave voluntarily, often with cash buyouts. Another option is to claim the tenant violated terms of the lease.

Small violations overlooked during weak rental markets often become an easy means to an eviction.

In February, 10 months after a Calabasas real estate firm bought her building on Sichel Street for $1.8 million, tenant Santa Moreno got a notice to "pay rent or quit," claiming she was late.

Moreno, 51, shared the one-bedroom apartment with her husband, her pregnant daughter and her daughter's boyfriend. They paid $1,030 a month, plus utilities. They had low-paying jobs —she was a housekeeper, her husband sold tacos from a cart —and her daughter received disability payments for a hearing impairment. They struggled to get by but said they paid their rent on time every month.

She said she sent the company, Elite Holdings, copies of the MoneyGram receipts showing the payment was made on time. Nevertheless, the new landlord filed an "unlawful detainer," which is a legal way to evict someone who hasn't paid rent.

Moreno and her family went to court June 9 to fight the claim.

At the courthouse downtown, Judge Lisa K. Sepe-Wiesenfeld addressed the Morenos and nearly 80 others who had come to contest eviction notices.

"We are going to urge you to consider settlement seriously," she said. "You can see how full the courtroom is here. Some people come three or four times just to be assigned a trial. You've spent all day here. That means you've missed time from work, school, family."

Her message to landlords: If you don't settle, you could be stuck with a troublesome tenant for years. And she told tenants that if they lose their case, their wages could be garnished and they would be stuck for 10 years on an "evicted" list visible to future landlords.

Moreno's name was called, and she and her family moved to the cafeteria to negotiate with the landlord's two attorneys.

"Are you going to move or are you going to stay?" one of the attorneys asked.

"We want to stay," Moreno said.

"They don't want you to stay, no matter what," the attorney countered.

Both sides returned to court to say they could not reach an agreement. Moreno tried to show her paperwork to the judge, who told her she'd have to wait for a trial.

Moreno decided not to fight, and she promised to be out by the end of August in exchange for a free month's rent and $2,000.

**

Dr. Bob Baravarian, a foot and ankle surgeon and a founder of the Westwood real estate development firm Neilson Hammer, was looking for "new, up-and-coming neighborhoods." He found one in Lincoln Heights.

In Broadway's vintage storefronts, he saw the potential for new cafes, bars and boutiques. The mile-long strip was still mostly filled with bargain stores, money transfer businesses, hairstylists, florists, shoe repair shops, old bars, Mexican and Chinese cafes, fast-food restaurants and chain pharmacies. But investors were slowly making inroads. The Heights bottle shop came first, followed by the B Twentyfour coffee shop and then a gastropub,

Lincoln Kitchen &Tap.
In August 2016, Neilson Hammer purchased a 20-unit brick apartment building on Broadway for $2.05 million, twice the property's assessed value.
Baravarian said the 90-year-old building had "good bones" but was a "disaster inside." He said that the wiring and plumbing were ancient and corroded, and that the building should have been gutted 20 years ago.
That's what he planned to do, in order to rebuild midrange apartments. "There's a need for buildings in all levels, and our goal is to supply the mid-level to upper mid-level building," he said.
Baravarian conceded higher rent was the "double-edged sword of renovation" and "has gotten a bad name in the community, because quote 'you're kicking the poor tenants out.' "He said his firm tries to help displaced renters find new places and gives them time.
"We do it on a very friendly basis; we don't force anybody out," he said. "Sometimes it takes months, sometimes it takes three years to …give them the time and effort they need to move."
The tenants pushed out of the building, though, describe a far different experience.
Martha Ponce, 66, was paying $842 for her one-bedroom apartment she had shared with her husband for nine years.
Two months after Baravarian's firm bought the building, they received a "cash for keys" contract to vacate the building in 45 days for $1,250.
Ponce she wanted to stay in the area —her 63-year-old husband worked as a cook nearby at USC's Keck School of Medicine. But they could find nothing in their price range.
The owner had hired a property manager, NBK Realty Management of Sherman Oaks, to get the tenants out. Lena Salameh, property supervisor, led the effort, with a young man translating for the Spanish speakers, Ponce said.
"In the beginning, she was so nice, saying, 'You should get out because these owners are offering you $1,250, and if you don't take it, you're not going to get anything,' "Ponce said.
Many felt they had no choice but to vacate. Fifteen of the 20 families took the $1,250 and left before the deadline.
Ponce signed the contract but realized she could not find a place in time. She contacted the same group Yang had, Chinatown Community for Equitable Development, which set her up with a legal aid attorney to advise her of her rights and negotiate with the landlord.
NBK started posting notices on her door that the sheriff would come to evict her.
Jose "Pepito" Viramontes Ruiz, 79, and his wife, Maria Elena Bobadilla Aguilar, 84, had lived together in their apartment for 36 years. Bobadilla used a walker, and Viramontes was blind. He was a locally famous Mexican ballad crooner, known as "Señor Pepe," who sang at swap meets and El Amigo Cafe.
"Maria and Pepito signed the papers without knowing what it said," Ponce said.
The couple joined Ponce, Consuelo Olvera and two other tenants to fight for more time and money. They posted notes on their doors asking not to be bothered by NBK and to contact their lawyer with questions. Olvera had signed the document to move out but hadn't known what it was, she said. It was her son who later told her what she had signed.
"It bothered me to know that he made an idiot out of me," Olvera said of the NBK representative, "signing a paper that I shouldn't have signed."
When Neilson Hammer offered $5,000 to leave, she agreed with her son to take it.
The others also worked out better deals. Viramontes and Bobadilla received around $20,000, including several months of free rent. Ponce got $15,000 and stayed until April.
Ponce found a much smaller studio apartment nearby that, with utilities, costs her about $500 more per month than she paid before. She had to leave furniture behind —a glass table with chairs, a dresser, a kitchen island —because none of it would fit. She and her husband quarrel in the small quarters. She put up a divider so she doesn't have to look at the kitchen from her bed.
"Here I feel like I'm in a cell," she said. "I take the dog walking. I never walked the dog so much, because I need to get out."

Viramontes, meanwhile, no longer sings his ballads at El Amigo. Failing to find anything affordable in the area, he and his wife, Bobadilla, now live in Tijuana with her son, hoping they can move back home one day soon.
Neilson Hammer never renovated the property. On Oct. 11, the firm sold it for $3.5 million —a $1.5 million profit —to a group of investors.
The main reason, Baravarian said, is that “Lincoln Heights hasn’t really developed the way we thought it was going to develop.
“Lincoln Heights hasn’t had that pop yet.”
brittny.mejia@latimes.com | Twitter: @brittny_mejia
joe.mozingo@latimes.com | Twitter: @joemozingo
andrea.castillo@latimes.com | Twitter: @andreamcastillo
Credit: Brittny Mejia, Joe Mozingo, Andrea Castillo

DETAILS

Subject:	Social networks; Houses; Evictions; Neighborhoods; Violent crime; Aliens; Gentrification
Location:	Los Angeles California
Company / organization:	Name: Twitter Inc; NAICS: 519130
Publication title:	Los Angeles Times (Online); Los Angeles
Publication year:	2018
Publication date:	Apr 3, 2018
Publisher:	Los Angeles Times Communications LLC
Place of publication:	Los Angeles
Country of publication:	United States, Los Angeles
Publication subject:	General Interest Periodicals--United States
Source type:	Blogs, Podcasts, &Websites
Language of publication:	English
Document type:	News
ProQuest document ID:	2021445129
Document URL:	https://search.proquest.com/docview/2021445129?accountid=9840
Copyright:	Copyright Tribune Interactive, LLC Apr 3, 2018
Last updated:	2019-05-09

Database: Los Angeles Times

LINKS

Find It@ CSUF

Database copyright © 2020 ProQuest LLC. All rights reserved.

Terms and Conditions Contact ProQuest

Planning CPC <cpc@lacity.org>

A local homeowner's perspective: DIR-2019-6048-TOC-SPR-WDI-1A

Clarence Naylor <clarence.naylor@gmail.com> Mon, Sep 28, 2020 at 3:09 PM
To: cpc@lacity.org

Hi LA City Planning Commission,

I'm a homeowner at 3534 Griffin Avenue in Los Angeles, around the corner from the proposed Pinyon Group development at Ave 34 / Pasadena Ave.

I found out about this initiative from a neighbor and became encouraged the more I researched it. I also contacted my Concilmember and now you directly.

I've lived in the community for two and a half years and have come to know a lot of residents. My one neighbor has lived there since 1995 and another other since 2001. I've learned there has been pressure from investors to buy up housing inventory, and flip it. The community is accepting and understands that everybody needs a place to live, but there is an underlying reality that good housing is in short supply.

I am supportive of the project as the community desperately needs more housing options. It's *unthinkable* for this project to be blocked when good housing is so badly needed and there's the space for it. Other reasons I support this project are:

- We have safety issues in the community, including gang activity. By taking vacant warehouse land and replacing it with residents will enhance the neighborhood and it's development
- The local economy requires this development. Local restaurants, like Gamboge on Broadway in Lincoln Heights, which opened during the pandemic have seen dramatic decreases in their patronage. Other restaurants along Broadway and Figeroa are saying the same thing. It will be a years long recovery and we cannot afford to turn away new middle income residents
- Access to transit, there are only so many sites that are close to the Gold Line in the area. Prior to the pandemic I would use the Gold Line to get DTLA and sometimes as far as Hollywood (through the Red Line transfer). It's a unique opportunity to have a development site that's mere feet away from transit. This supports not only the environment, but also our transit infrastructure

I urge you to strongly consider approving the 34th St / Pasadena Ave development and hope my thinking has been useful. Thank you for the work your team does in making Los Angeles a great city to live and work and please let me know if any other information would be helpful.

Thank you,

Clarence Naylor
c: 619-301-8474

FIX THE CITY

September 23, 2020

Via Email:

Nicholas.Hendricks@lacity.org, James.K.Williams@lacity.org

RE: OPPOSITION TO DIR-2019-6048-TOC-SPR-WDI-ENV-2016-273-MND-REC1

Dear Mr. Hendricks and CPC Members:

It is my understanding that this project was denied by CPC and sent back for more community outreach. Fix the City wishes this letter of opposition to be included in the record for this project. We respectfully address the following concerns regarding both the TOC requests and reliance on an MND (for a different, earlier project) for such a massive project.

A FULL EIR IS REQUIRED

In the name of environmental justice, this community deserves to have the full disclosure and analysis of adverse environmental impacts as promised to all Californians through the preparation of a full EIR that in particular, addresses the issues of toxic contamination, public safety (level of service including response time and staffing) for LAFD and LAPD, and the impacts on the narrow local street system..

Please provide a definition or standard by which the City determines whether infrastructure and emergency services are adequate.

ENFORCE THE LABOR STANDARD

The Planning Department has failed to enforce Measure JJJ's Labor Standard (Section 5) by granting discretionary incentives that were not authorized by JJJ and only available through Section 5, which requires compliance with the Labor Standard and training and local hires. The discretionary/additional incentives approved for this project are only available to Section 5 projects under Section 5(e).

Fix the City calls upon CPC to enforce the Labor Standard for this project, including the training program for local hires. In the name of social justice, the good jobs and prevailing wage promised by JJJ must be provided to East LA. This project could bring hundreds of good jobs to East LA. But it is not in compliance with the Labor Standard of JJJ (Ordinance No. 186483).

JJJ DID NOT AUTHORIZE TOC TIERS

The calculation of increased FAR and density for TOC projects is required to be determined by **the base zone and density** (LAMC 12.22 A31(b)(2)(i) and **not** TOC Tiers. TOC Tiers are based on distance from major transit stops and not as the Initiative requires, on the base zone and density. Therefore, the entire calculation of base incentives was unlawful and must be revised. The revision will require basing

increased density and FAR on base zone and density, and hopefully, require a much larger amount of affordable housing than currently required.

JJJ DID NOT AUTHORIZE DISCRETIONARY/ADDITIONAL INCENTIVES FOR TOC

JJJ Section 6 is limited to two or three ministerial incentives "described herein" in the Initiative ((LAMC 12.22 A.31(b)): 1) increased density, 2) increased FAR, and 3) reduced parking. CPC lacks authority to augment those incentives by approving discretionary incentives that were not described herein and not approved by the voters. The approval of additional/discretionary incentives not described herein violates City Charter Section 464(a).

Only the voters can modify TOC incentives. However, "discretionary" or "additional" incentives can only lawfully be accomplished through Section 5 of JJJ, which requires a public notice, public hearings, established findings and robust environmental scrutiny.

Relief from the City's **Transitional Height Ordinance** was not approved by the voters in JJJ. Therefore, approval of the TOC Guideline Transitional Height requirement for this project is unlawful and in violation of City Charter 464(a).

Likewise, approval of RAS3 yards was included in JJJ Section 6. Therefore, this approval must be rescinded.

Fix the City urges CPC to deliver the promise of JJJ to deliver more affordable housing, not token amounts, and by enforcing the Labor Standard for any project seeking discretionary/additional incentives.

Sincerely,

Laura Lake

Laura Lake, Ph.D.

FIX THE CITY

Planning CPC <cpc@lacity.org>

RE PROPOSED LUXURY APARTMENT NEXT TO OLD TOXIC WASTE DUMP

Jamie Patterson <jamie.epatterson@gmail.com> Mon, Sep 28, 2020 at 3:04 PM
To: GILBERT.CEDILLO@lacity.org, CPC@lacity.org

Hi Im contacting you to demand a new environmental study to assess the impact that building a proposed luxury apartment structure next to a toxic waste dump (land that was deemed to toxic to ever build on) will have on the community surrounded pasadena ave and ave 34, especially the elementary school across the street (and multiple other schools only blocks away!)

That the community was denied a public hearing about this is appalling and the entire thing reeks of bribery- especially as this was a project approved by the planning commission when two city council members on that commission have since been indicted/convicted for just that.

This project on its own is terrible for the community-lack of proper parking (only 286 parking spots for a building with 468 units) and only 14% will be affordable for the community, the idea of building something this monstrous on that corner next to land that was essentially a toxic waste dump is appalling.

Please protect the health and community of your constituents, demand an environmental impact study before this goes anything further.

Jamie Patterson
775.303.8535
jamie.epatterson@gmail.com

Connect Create Collaborate

Planning CPC <cpc@lacity.org>

135 Avenue 34 Proposed Project

Martin Barrera <mbarrera@laleadership.org> Fri, Sep 25, 2020 at 12:27 PM
To: cpc@lacity.org, gilbert.cedillo@lacity.org, gerald.gubatan@lacity.org

DIR-2019-6048-TOC-SPR-WDI-1A
ENV-2016-273-MND-REC1

Hello,

My name is Martin Barrera . I am a teacher at Los Angeles Leadership Academy High School in Lincoln Heights.I am emailing today to express my disapproval regarding the proposed development project on Avenue 34 in the Lincoln Heights community.

In my 7 years of teaching in this community, I have had many students leave our school due to the skyrocketing prices in rent. Many families cannot afford to stay in their homes and affordable housing in the community is scarce.
This proposed project to construct a high density luxury apartment will only exacerbate this growing issue. Although the developers claim to make 14% of the apartments available to low income renters, the targeted income ranges for this designation are still higher than the median household income of the community. Therefore, their efforts to address housing inequality in the community are performative at best. Given the available data on rising homelessness in the adjacent Highland Park and Boyle Heights, it is critical that developers invest more time and energy to analyze the housing landscape and the drastic impact this project will have on the working class people who live here.

In addition, the proposed project seeks to break ground on a site adjacent to a known toxic dumping ground. Maps and scientific data show that these chemicals have permeated into the groundwater which currently flows into the proposed subterranean parking garage for the luxury apartments. That entails that excavation will indeed unearth this toxic groundwater and expose the neighboring residents to carcinogenic fumes and toxic particles that have sat in the soil for decades. Not to mention that the site is also across the street from Hillside Elementary which will undoubtedly impact the health and well-being of our youth and their families.

There, I demand you listen to community feedback and halt this project before it can do any damage to the people of Lincoln Heights. The residents of this community deserve a better housing option if they are truly to be considered as stakeholders in this project. That will require true mediation and not corporate efforts to ameliorate dissent. The working class people of Lincoln Heights deserve compassionate,data driven proposals by developers who take the time to incorporate community feedback.It takes a deep level of cooperation to effectively create sustainable living conditions that benefit the neighborhood and the city.

Sincerely,

--

Martin Barrera
Physics of the Universe and Chicanx Studies Teacher
History Department Chair

Los Angeles Leadership Academy United Vice President
Los Angeles Leadership Academy High School
234 E. Avenue 33
Los Angeles, CA 90031
mbarrera@laleadership.org
P: 323-227-7719
F: 323-227-7721

Planning CPC <cpc@lacity.org>

135 W Ave 34, Case numbers: DIR-2019-6048-TOC-SPR-WDI-1A ENV-2016-273-MND-REC1

PGertmenian@gertmenian.com <PGertmenian@gertmenian.com> Mon, Sep 28, 2020 at 3:06 PM
To: cpc@lacity.org
Cc: Gerald Gubatan <gerald.gubatan@lacity.org>, Jose Rodriguez <jose.a.rodriguez@lacity.org>

Dear City Planning Commissioners,

I am writing as a local property owner, employer, and member of the Lincoln Heights Business Improvement District (the BID) in support of the appeal to this project.

Case numbers:
DIR-2019-6048-TOC-SPR-WDI-1A
ENV-2016-273-MND-REC1

Our 124 Year old Los Angeles based Company made a substantial investment in our Lincoln Heights headquarters 15 years ago where we now employ over 100 associates who live and work in our immediate area. As a community we have formed our BID which works tirelessly to maintain our community where the City simply can not.

While we absolutely support additional affordable housing in the area, we are very concerned about this development (as currently proposed) at 135 W. Avenue 34 and its potential impact on our community and the current residents and businesses herein.

Our concerns remain centered on the parking, traffic, pedestrian safety, and environmental contamination potential arising from the proposed excavation and development.

The community simply does not have the infrastructure required to reasonably accommodate the projected 1,400 plus new residents and their vehicles without causing harm to established business and residents that have supported the area for decades. Adequate streets and sidewalks are simply not present to serve a development of this magnitude. A simple site walk will verify this.

We have repeatedly reached out to the developer who has provided absolutely no acknowledgement of the community's concerns... much less a plan to substantially address and remedy the concerns. We have invited the developer to provide solutions and none have been forthcoming. We have made suggestions such as relocating the ingress egress away from the Ave 34 Alley and onto Pasadena Avenue where a driveway apron already exists. Our suggestions have been completely ignored. I have attached a photo of the current planned project exit into Avenue 34 / Artisan Alley....which has no sidewalks and is bounded by the Gold Line and another property.

In addition to the congestion issues, when we built our project on Ave 33, we were held to strict compliance from the DTSC due to the presence of PCB's and other contaminants in the soil and groundwater in the area. The groundwater level has changed substantially over the past 90 years when the maps were made. We spent millions to bring our warehouse project into compliance.

The subject property on Ave 34 is surrounded by properties documented to have contaminants and in fact sits right in the groundwater plume between the Welches site to the North and our Site to the South. There are additional monitoring wells on adjacent and nearby properties.

I simply ask that the commission require specific DTSC approval for the excavation as currently planned (it has changed since the original plan was submitted in 2017) to assure the community that we, as neighbors..as well as the school across the street, are not at risk from this pending excavation and residential development.

These seem to be very simple issues;

1. Address the traffic, parking, and pedestrian safety issues.
2. Change the project exit from the Ave 34 alley with no sidewalks to the Pasadena Avenue existing exit.
3. Certify that the DTSC has approved the development and that there is no environmental risk to the community.

Address the above and build the project....we will welcome new neighbors... but the project should safely fit into the community, the community should not be steamrolled into accepting a giant project without reasonable community cooperation by the developer.

Peter Gertmenian

Photo below.

GERTMENIAN
ESTABLISHED 1896

Peter G. Gertmenian
Partner
pgertmenian@gertmenian.com

300 West Avenue 33, Los Angeles, CA 90031
direct 323-909-1717 | **main** 213-250-7777
www.gertmenian.com

STOP
DO NOT
ENTER
WRONG
WAY

Dear Councilmember Cedillo,

I write in solidarity with our neighbors and the larger Lincoln Heights community to express my deep concern regarding the proposed plan for 141 Avenue 34. We run a small business on Pasadena Avenue and Ave 34 (with our main entrance on Avenue 34), which has already been impacted by the economically crushing events of Covid-19 in the last two months.

In reviewing the proposal, I am compelled to voice my strong concerns about the insufficient plans for a singular point of egress on Avenue 34 and Artesian avenue, which is already narrow and limited. This plan as devised proves to create both a potentially dangerous and overwhelming traffic scenario within the narrow confines of a residential street. I am also deeply concerned about the impact on street parking that this project proposes, with almost 500 units being serviced by just over 300 parking spots. The obvious overflow this would create stands to dramatically disenfranchise surrounding businesses and residents from reasonable access to their long time homes.

Finally, I have very serious concern about the environmental issues associated with the site slated for the parking structure for the development. This is an issue that requires due diligence and rigorous attention. Proceeding with approval of this project without conducting a thorough investigation, soil tests, and exploratory research about the potential dangers and long term impacts on the environment and health of surrounding residents would be reckless, willfully negligent, and to my mind, unlawful.

I am invested in Lincoln Heights as one of Los Angeles' most precious, vital and historically relevant neighborhoods. Its residents have already suffered a significant blow by the events of this current pandemic, and this project stands to endanger their livelihoods and daily experience even further. The site of the proposal is flanked by generations of long time residents, small businesses, schools, and a vibrant community. It is a moral and ethical responsibility to consider the welfare and best interest of the community. Please allow a forum for the community's concerns to be heard, and investigate and disclose the results of this research prior to approval.

Thank you for your time and consideration. I hope you are staying safe in this uncertain time.

Amanda Ross-Ho

Artist, Amanda Ross-Ho Studio, Inc.
Associate Professor, University of California, Irvine

Hello Michelle,

I hope that you're staying healthy during this difficult period. I'm writing to voice my concern regarding a proposed project adjacent to our small business, located at Avenue 34 and Pasadena Ave in Lincoln Heights. Members of our community are struggling for economic survival during the pandemic crisis, and we fear that there are numerous inevitable complications of this project that would further impact the safety and security of neighborhood residents and workers.

In particular, I am deeply troubled by the potential environmental hazards that this project will entail. Longstanding issues with ground contamination on the adjoining property have resulted in that lot's longtime vacancy; in my understanding, the development of an underground parking structure here would result in extensive excavation of this dangerously compromised soil. Thorough environmental testing and further studies of the potential health impacts of this construction are absolutely critical, and mitigating danger to surrounding occupants must be considered.

Further, the proposed plan provides insufficient solutions for the dramatic increase in traffic that would result from the singular point of access to the development at Avenue 34 and Artesian Avenue. As proposed, nearly 500 new units would be serviced by just over 300 parking spaces, meaning that the surrounding streets will likely be inundated with an overflow of vehicles that will create complications for existing residents in regards to parking and access to their homes and businesses.

Our commitment to our neighbors and our community requires that we more carefully and meaningfully account for the needs and concerns of its most hardworking and vulnerable members. Please help us honor this position via an open and transparent process that elevates the voices of our current residents, and with a more exhaustive examination of the potentially disruptive aspects of the project. Thank you for your time.

Erik Frydenborg
Erik Frydenborg Studio

Hello Jose,

I'm writing you with my serious concerns regarding Pinyon's proposed project on W Avenue 34 in Lincoln Heights. Both my family and myself are deeply embedded in the Lincoln Heights community, and specifically the block directly next to this proposed project. My grandfather worked at sewing factories in Lincoln Heights in the 1960's, and then opened his own swimwear factory at Pasadena Ave and W Avenue 33 in the '70's. My father took over the family business in the '90's, and now I operate a business on Ave. 34 directly across the street from the proposed project. My family's history with the neighborhood gives me specific insight into how this proposed project would affect our community.

I fully support adding affordable housing units in our neighborhood, and know that there is a real need for more housing in Los Angeles. However, we need the help of our city to ensure that developers respect the health and safety of our community.

I have two main concerns about this project. The first one has two elements, that when combined will create a dangerous situation on Ave 34, 33, and Artesian. The project proposes 311 parking spaces for shared by nearly 500 residential units and 16,000 sq. ft. of retail. We have been attending Neighborhood Council meetings and trying to communicate with Pinyon. The one time that they showed up to a meeting, our first question was for them to explain the shortfall in parking, and how they thought the neighborhood could support it. Their quick answer was that this project is close to the Metro, and they expect the majority of their tenants in these luxury apartments would not have cars. We've heard that the building's one-bedroom apartments will go for $3200/month. It is unlikely that people who can afford this kind of rent will not also own cars in Los Angeles, with couples probably owning 2 cars. At a minimum, this will flood our already crowded streets with hundreds of cars looking for parking spaces. They are alotting 25 parking spaces for the commercial businesses, leaving 286 spots for residents.

On W Avenue 34 alone, there are three businesses and four residences that already do not have full driveways or adequate parking, and rely on street parking both for themselves and their clients. These businesses and families would be drastically affected by the parking spaces that this project would take from the community. Pinyon proposed at the Council meeting that they might work to get parking passes for the neighborhood. This does not address the overcrowding on the streets, or that clients of these neiborhood businesses will also need to park on the street.

The second part, and perhaps more dangerous aspect of this project is the proposed main entrance/exit. Pinyon has designed the only access to the parking lot on W Avenue 34 at Artesian St. If you live on W Avenue 34, the quickest way to get to the I-5, the 110 Freeway, the 2, San Fernando St, or local businesses like Home Depot, is to take Artesian St, and this is the street onto which this building's parking lot empties out. Artesian is a one-lane, one-way 14 foot wide street with no sidewalks or space to add pedestrian access. There is insufficient lighting, there is a blind corner, and there is a railroad crossing at the end of it. There are also several established fixtures in the community that bottleneck traffic on this route. The film production on Lacy St often shuts down street traffic, the large warehouse on Artesian at W Avenue 33 has large trucks constantly coming in and out during the day, and the taco stands on Artesian draw nightly crowds of parked cars and hundreds of pedestrians. All of these things make a major egress for hundreds of additional cars highly problematic and dangerous for pedestrians. The developers might suggest that tenants can make a left on Pasadena Avenue and drive across the 110 north to Figueroa, and then make a left and drive back down to Avenue 26 to access these points, but we all know that people will want to take the most direct route, especially if their parking lot exits in that direction. To reinforce this point, apps like Google Maps and Waze always direct us to travel down Artesian Street towards Lacy Street, even though we live closer to Pasadena Avenue. If anyone thinks that people will avoid the street their driveway lets out onto, and the one their maps program tells them to use, they are mistaken.

This proposal invites significant danger to pedestrians. There is a middle school directly across the street from this proposed project. There is also an elementary school which is accessed from our side of the 110 by a pedestrian walkway at the corner of Artesian and Ave 33, right at the railroad crossing. Furthermore, the developer suggests that most of the building's tenants won't have cars, and will be attracted to the property based on its proximity to the Metro. Supposing this is true, hundreds of tenants would share Artesian St with cars to walk down this same small 14-ft wide one-way street which has no sidewalk, and no room for a sidewalk, in order to access the Lincoln/Cypress Metro station. This is a huge oversight on the part of the planners, and really it boggles my mind that this proposal has even been made. It puts us and our neighbors, existing businesses, and remarkably this project's tenants at risk.

This project raises other concerns, also. I know that there is long-standing documented soil and groundwater pollution of petroleum and VOC's on the property sandwiched between this proposed project and the Arroyo Secco River.

Obviously, there is no underground fence to prevent polluted groundwater from moving across property lines. This project proposes excavating a two-story underground parking lot. Pinyon proposes using the polluted site as a staging ground for this construction. There is a middle school 50 feet away from this project. The representatives for Pinyon displayed no knowledge of this pollution at the Council meeting, and offered no concrete ways to show that this wouldn't pose a harm to the neighborhood or hundreds of schoolchildren across the street. Isn't it our shared responsibility to protect the health of hundreds of children who will spend eight hours a day across the street from this project?

I've looked at the environmental review for this project, and it was conducted for a different proposal entirely several years ago. That review was for far fewer residential units, with more parking spaces than units, putting less strain on surrounding infrastructure. It calls for a different layout of the buildings. It calls for a one-story underground parking lot, not a two-story one. It calls for preserving a historical brick building on the property. It also makes no specific reference to the ground pollution. It's important that a new environmental review be conducted that looks at this developer's new proposed use of the site, and that considers the health and safety concerns that the surrounding neighbors have been unanimous in voicing.

I understand that this project has been slated for expedited review, and that a public hearing is not scheduled. However, I'm also aware that a public review is required if the proposal raises controversy in the community. This proposal has raised significant controversy. There is a growing frustration, and many neighbors have expressed their anger that City Planning is not listening to us, and taking into account our basic health and safety concerns. Local businesses have expressed worry that Pinyon is dumping this major project in our neighborhood without providing the infrastructure to support concievably as many as 800 new residents. I hope our city will represent our desire for new projects to integrate an understanding of their site and neighborhood into the way they're designed, and to make the community's health and safety a top priority. I'm asking you to delay approval of this project until those concerns are met.

I really appreciate you taking the time to hear our concerns. Please let us know how we can facilitate a public hearing. Thank you for your time and attention to this matter.

Sincerely,
Anthony Lepore

Dear José, Michelle, et al:

I am a stakeholder in the Avenue 34/Pasadena Ave/Artesian St. community as well as a 17+ year resident and property owner in the 90031 zip code. I was recently made aware of the massive development proposed across the street from where I recently established my business and signed a long-term lease.

My multiple concerns include the following:

- The amount of parking is out of alignment with the number of residential units in the complex.

- The amount of parking is out of alignment with number of office and retail units in the complex.

- I understand the diminished parking ratios because of the adjacency to transit - but given our current global situation, does it make sense to design a parking-deficient project if public transportation ceases to be a viable option in the future?

- Avenue 34 is a one-block long virtual cul-de-sac, which transitions onto Artesian, a very narrow one-way street close to my building. As is, this an extremely dangerous condition, with cars from Avenue 33 frequently entering Artesian in the wrong direction to sneak onto Avenue 34; what will happen when the traffic is multiplied a hundred-fold because all access to and from this project occurs off of Avenue 34?

- I am deeply, deeply concerned about the vacant lot where the proposed and pitifully inadequate underground parking is to occur. It is well known in the community that these lots are an environmental wasteland. I have seen nothing in the project documents that would suggest there is an update to the previous Environmental Impact Report, nor any mention of CEQA. Have those requirements been waived without proper scrutiny, or even a survey of the occupants of the surrounding properties? I know I would not want to expose myself, nor the multiple people in my workplace, to any potentially harmful chemicals or airborne toxic particulates triggered by the excavation of this land that such studies would uncover.

I hope that, should the project make it to construction, the people of Avenue 34 will not be inundated with noise, potentially toxic dust, and construction-related road closures that would interfere with our ability to do business. I further hope that elected officials will listen and work closely with city staff in the planning and building departments to implement and enforce the legitimate concerns voiced by us, the community stakeholders, and not default to tired lip service masking an inappropriate and suspicious alliance with the developers.

I look forward to attending the next (zoom) community meeting and being able to voice these concerns in person, publicly, and on the record.

Please include my email in any community correspondence related to this proposed development.

Thank you

Pae White

Good afternoon Councilman Cedillo,

As a Lincoln Heights community member and a property owner across the street from the proposed project at 141 W. Avenue 34, I would like to express my concerns regarding the multitude of safety and environmental complications for the community in which this development is proposed.

Re:

- DIR-2019-6048-TOC-SPR-WDI

- ENV-2016-273-MND-REC1

The project has several addresses in 90031:

- 141 W Avenue 34
- 151 W Avenue 34
- 3401 Pasadena Avenue

Attachments:

- **Parking Study** for Surrounding area of proposed project

- **Northeast Community Plan Monitoring** (pages II-5 and II-6) which states "The Plan has been prepared to depict appropriate long term land uses on the basis of information and policies at the time of adoption. The Plan takes cognizance of the 2010 SCAG population, unemployment, and housing forecasts. However, the Plan depicts residential densities and commercial and industrial intensities designed to limit development because of existing shortfalls in needed infrastructure and services and in anticipated delays in providing them.

Parking:

- 313 total parking spaces for 468 units (233) and 40,000 sq ft (80) of creative office/commercial space

- Within a half mile radius of the project, there are a total of 211 parking spaces. I walked each street and counted spaces based on average vehicles parked correctly:

    - W Avenue 34 = 33

    - W. Avenue 33 = 35

    - E. Avenue 33 = 28
    - Pasadena Ave (between Ave. 35 and Ave. 33) = 61
    - Pasadena Ave (between Ave. 31 and Ave. 33) = 27
    - E. Avenue 35 = 27
- Street cleaning on every street listed above, twice a week
- No overnight parking on nearby Humboldt and Artesian Streets
- Local businesses will also be affected by lack of parking

Traffic:

- Vehicles entering and exiting the only point of access to the entire development on W Ave. 34/ Artesian St.
    - Artesian St. is a one-way, narrow (14ft) street with no sidewalks and poor lighting
- No street light on Pasadena Ave and Ave. 34 making a left turn on/off Pasadena Ave extremely challenging, especially during peak traffic hours

Loreto Elementary and Hillside Elementary Schools:

- Pedestrian safety concerns along school walking routes with increased traffic
- Impact of construction on student health (dust and debris) and student learning (noise)

Environmental:

- Adjacent lot: former site of Welch's, an industrial cleaning facility where industrial uniforms were dry cleaned. If proposed development is providing subterranean parking, excavation may disturb the organic chemicals that were dumped on the site for years

We ask that you keep the community informed of any updates to this project and prioritize the voice and concerns of those who will be severely impacted by such an over-development to this area.

Thank you for your time and consideration.

Patricia Camacho

Good Morning,

As nearby property owners, we have multiple concerns regarding the above proposed Residential Complex. It is a common fact that construction of any type increases traffic flow, noise levels, dust, dirt and general safety issues.

Our current parking situation meets the needs of surrounding homeowners but as you can imagine that will change if we have to accommodate large construction vehicles such as: bull dozers, dump trucks, backhoes and workers personal vehicles. There is no overnight parking and twice a week the street cleaning makes parking difficult. A lengthy construction project creates unwanted inconveniences of those living close by.

It is pretty obvious that this residential complex will NOT have ample parking to accommodate so many residents. With only a little over 300 parking spaces and almost 500 new units, there is no question, it will create more parking issues for us.

Another concern of ours is this crazy idea to have a proposed entrance to this large complex on W. Avenue 34. Traffic traveling down Artesian Street (one-way) and towards Pasadena Ave. (no traffic light) will create a traffic nightmare for those making a left-hand turn onto Pasadena.

As a parent, we are even more concerned with the safety of the children traveling to and from the local Elementary schools located less than a mile from the proposed site. I will have 2 of my children walking to and from school on a daily basis and we are very worried for the overall pedestrian and student safety with the increase of vehicles, construction supplies and workers. The noise factor alone is annoying to local homeowners and often distract children at school. Increased dirt and dust pose a health issue for children and homeowners.

In summary, we strongly feel that such a large complex will overtake the current neighborhood. To share our small neighborhood with almost 500 new residents will create unwanted concerns with traffic, noise, health and safety issues for us and children.

Sincerely,

The Martinez Family

I have been a resident of West Avenue 34 for 12 years. I am deeply concerned about the risk to our public health and safety that the proposed development plan at 141 West Avenue 34 will bring to our neighborhood, lives and livelihood. The street simply will not accommodate the potential volume of parked cars and new residents. The one way street (Artesian) will place lives in grave danger and the neighborhood schools and small businesses will be compromised due to sound, dust and debris. Students and teachers social emotional security and growth will be jeopardized.

Thank you in advance for taking the seriousness of these concerns into consideration.

Erin Trefry
Educator

Hello Jose,

I'm writing to express my concern at a proposed project in my neighborhood. I recently went to a meeting of the Lincoln Heights neighborhood council, where a developer presented a proposal for a massive new development on W Avenue 34.

I understand that this project is supposed to have 486 residential units, but only 311 parking spots, and many of those spots would be reserved for additional commercial units in the building. This is a short block, bordered on one side by Pasadena Avenue, where parking is restricted, on another side by the metro tracks, and on another by a vacant lot. That means that if this project were to include the number of units they are proposing, our street and all the surrounding streets would be overwhelmed by the tenants of these new buildings. It's conceivable that as many as 700 cars would be entering and exiting this building every day.

There is only one point of access to this entire project, and it is on my street. W Avenue 34 is a narrow street, with a one-way only outlet on Artesian St, which is an unusually narrow street, with a blind corner, and no sidewalks, right next to a railroad crossing. This seems to be inviting an uncomfortable level of danger to this block. I'm attaching a photo of this street below.

There are other concerns we have as well. The lot directly next to this proposed project has been vacant for years due to dangerous ground contamination. This developer plans to dig a multistory underground parking lot right next to this site. I asked about the environmental risks and impact at the meeting, but the developer couldn't articulate anything regarding this, which leaves me very disturbed, as I live directly across the street from this proposed construction.

Will there be further opportunities for the community to voice their concerns about this project before it is approved? It seems to need a lot of reconsideration before it can proceed in a way that won't invite environmental harm, increase traffic dangers, and contribute to congestion on the streets.

Thank you for listening to my concerns.
Sincerely,
Michael Hayden

As a small business owner and operator on West Avenue 34, I am adamantly opposed to the current proposal for construction and development at 141 West Avenue 34.

The plan threatens the infrastructure of the neighborhood from a socio-economic perspective and contradicts the outlined intentions to accommodate metro riders. The number of housing units in the plan far exceed the number of reasonable parking opportunities and will compromise day to day business.

A shortage of underground parking units will cause massive overflow and will jeopardize our neighborhood and businesses.

Thank you,
Phil Wagner
President Alustretch LA

Hi Phillip,

I am a building owner on Avenue 34 and concerned about the parking and traffic problems the project will bring. There are only 311 parking spaces for 486 units and 12 retail stores. Also the entry to the building is a narrow one way street which will cause a lot of traffic. Please let me know about any updates on the project.

Thank You,
Joe Lepore

Dear Michelle,

My partner and I own two businesses that operate between West Avenue 33 and West Avenue 34, and we work closely with artists who live and work on these two blocks as well.

Given my investment in the neighborhood and its surrounding area, I have sincere concerns about the development proposed by the Pinyon Group at 141 West Avenue 34–especially as it relates to environmental concerns, socio-economic impact, and untenable congestion as it relates to traffic and parking. I fear that it will compromise daily business in the area, and will have the opposite intended effect for the neighborhood.

Please do not hesitate to be in touch if you have any questions or wish to discuss further. In the interim, I appreciate your consideration.

Thank you,
Meredith Bayse

Hello Michelle,

My name is Adam Moskowitz and I operate a small business in Lincoln Heights. It has come to my attention that a developer has proposed a massive new project on W Avenue 34. My business is within a 2 block radius of the proposed project and will be significantly impacted by aspects of its development outlined below.

I know that the city currently is in desperate need of more housing. However new housing cannot come at the cost of crippling an entire existing community. This particular project has some major issues that I have outlined below. Please consider the impact this unresponsible planning will have on my fellow citizens.

I want to make very clear that I am in favor of developing that land. I think our neighborhood could greatly benefit from a responsible addition of new residences.

The proposed project for 486 residential units will have only 311 parking spots, and many of those spots would be reserved for additional commercial units in the building. This is a short block, bordered on one side by Pasadena Avenue, where parking is restricted, on another side by the metro tracks, and on another by a vacant lot. In other words, if this project were to include the number of units they are proposing, our street and all the surrounding streets would be overwhelmed by the tenants of these new buildings. Even if the project as outlined over represented the number of cars they anticipate, it would lead to immense congestion.

The entrance/exit for the development is W Avenue 34. This street is narrow with a one-way only outlet on Artesian St, an even narrower street with a blind corner and no sidewalks directly adjacent to a railroad crossing. I am greatly concerned that this will create a dangerous bottleneck situation which could potentially result in some nasty accidents.

It is harder and harder to be heard with the pandemic keeping us isolated. Moving forward with this while we are unable to properly communicate is wrong. It seems to need a lot of reconsideration before it can proceed in a way that won't invite environmental harm, increase traffic dangers, and contribute to congestion on the streets.

Thank you for your time.

Sincerely,
Adam Moskowitz

LINCOLN HEIGHTS OPPOSED TO PINYON/ KFA TOC PROJECT SITE: 135-153 W. Ave 34; 3401-3437 N. Pasadena Ave. DIR-2019-6048-TOC-SPR-WDI-1A Applicant: Jay Stark, R Cap Avenue 34, LLC. Lobbyist: Andrew Brady, DLA Piper, LLP

private information of 2914 residents was removed for their security. Information upon request

2914 responses. DATE 9/28/20

Name/ Nombre	Zip code / Zip	Why do you oppose the project/ ¿Por qué te opones al proyecto?
Sara Clendening	90031	Ave 34 site is toxic from welchs industrial drycleaners. Suspicious relations between cedillo and Eric ortiz. former property owner still invested . Kevin ratner of forest city west, the financial backer & relations w/ cedillo
Michael Hayden	90031	This project will overburden the surrounding streets, provides insufficient parking, poses environmental hazards, has avoided public input, and will present safety risks for pedestrians and residents of this neighborhood.
Pedro Ramirez Jr	90031	These luxury apartments are just another form of gentrification and a way to push out the local residents of Lincoln Heights. Rent will come at an exorbitant rate and no one but outsiders will be able to afford it.
veronica	90031	Gentrification
Rae Dawn Chairez	90031	What are developers getting for putting up these developments? What benefits does the community receive? Where was the community input? What wasn't there any community engagement? These are developers will just drive up rent prices.
Patricia Camacho	90031	Overdevelopment for the infrastructure in this neighborhood, parking concerns for several surrounding streets, environmental concerns with excavation of compromised soil, increased traffic during peak hours On Ave 34 and Pasadena Ave (already difficult to make a left on/off Pasadena Ave, pedestrian safety with school safety routes affected, Avenue 34 and Artesian St (very narrow st with no sidewalks) can't withstand the increase in the number of vehicles driving in and out of complex, not enough parking spaces provided to tenants, limited affordable units,
Alicia robles	90031	Create more traffic, unsafe for students walking to school.
Victor robles	90031	400+ luxury apartments do not cater to a community of lower income persons,
Anthony Perez	90031	The project will not benefit the community as a very low percentage of these units will be allocated for low income people. The housing project will cater to the middle - upper classes — bringing an influx of affluent people, contributing to our overall housing crisis.
Susan Flores	90031	Local residents should have priority access to affordable housing units. Additionally, there should be more units designated for affordable housing.
Sara Rattani	90031	This will be detrimental to the financial stability of this community.
Elizabeth Ramirez	90065	Projects like this displace local residents who cannot afford the increase of rent, these apartments are not targeted for low to moderate income families who already live here, traffic, traffic, traffic, no, please go away.
Donald Nollar	90065	This project does not include enough desperately needed affordable and very low income housing . Homelessness and displacement is rapidly increasing in Lincoln Heights/Cypress Park and Highland Park. We need affordable units, not more luxury housing. There is already plenty of luxury housing available. This land should be used for majority affordable/very low income housing.
Fernanda	90031	Gentrification is the erasure of our people
Sabrina Acosta	90032	Oppose Gentrification
Carinosa robles	90031	It brings a negative impact on our community. Pushing residents out of the area and heavily impacting the density of the area.
Diego Zapata	90031	My community is not for sale.
michael montes	90031	fast tracked approval without community input
Albert Salazar	90031	It will displace others in my community
Mitra Khayyam	90031	The nearby streets cannot handle the traffic from so many new units and residents.
Salar Rajabnik	90031	This project is totally blind to the needs & means of the community & seeks to alienate this who already live here & replace them enticed gentrifiers. There has not been transparency around the process, nor input from within the actual community.
Christopher Morales	90031	Councilmember Cedillo has consistently failed to listen to and accept community input for his developmental projects, which is unethical and wrong.
Erika Gallo	90031	OPPOSE. You already destroyed our city, don't destroy Lincoln Heights!
Jorge Garcia	90032	No community input!
Paulina Pierce	90031	The city has been engaged in nefarious negotiations with developers and those investigations need to be complete before allowing large tracts of our community to be given away to developers to create luxury housing that we don't need.
Jon Price	90031	We deserve to have a fair opportunity to weigh in on this project!!! Please let me know what we can do to help.
Kim Henderson	90013	Need more information on both sides to decide
Naomi Gonzalez	91801	Unaffordable housing, more traffic and displacement of people as well as where will the displaced people afford to live?
CALEB lyons	90026	Community first!!! We need transparency and answers!

Hector Rodriguez	91802	Don't do it
Santos Vasquez	90012	Affordable Housing is the answer for Lincoln Heights - NO TO UNAFFORDABLE GENTRIFICATION!!!
Mariela	90031	We don’t need more luxurious apartments we need low cost apartments
Ish Ness	90042	More traffic, not enough parking for tenants, and not affordable housing.
Zulibeth Inda-Lara	90031	I’ve been living in Lincoln Heights since 1979. Everything has disappeared, our Heritage, our people. Rent increases have spiked up tremendously due to new constructions by of Luxury buildings around our community. The Historical Landmarks are disappearing and you are destroying our land...
Amanda R Ross-Ho	90031	I am a small business owner near the corner of Pasadena and 34. This giant, bloated development is a threat to the historically vital and vibrant community of Lincoln Heights, and its long standing residents. The project has not been thoroughly researched or vetted and the community has not been given the opportunity to voice its opinions adequately in advance of such a massive project. Pushing this project through during a global pandemic is completely unethical. I strongly oppose this project and as a resident of 90031 do not support any parties pushing to move this forward. There is strong support for this position on the part of the residents of LH. Listen to the community!
Max Maslansky	90031	It will displace local residents and undermine working families.
Vanessa Carrasco	90031	
Matt R	90031	We don’t need luxury condos in Lincoln Heights. It will drive up prices and make the neighborhood unaffordable for current residents and bring in people who don’t respect this history of the neighborhood or the community.
Daphne Trr	90031	The neighborhood does not need luxury condos; this is going to negatively impact the community and cause the cost of living to increase. To pursue this sort of build without public input is a seedy move by Cedillo and the Pinyon Group. The neighborhood needs more low income housing!
Celeste	90031	Will cause too much congestion and take away from the community
Kevin Break	90031	it's too large
Jherika Martin	90031	I oppose this project because there is already a heavy push to gentrify, which doesn’t take into consideration the people and community already living there. Bringing in a new complex will create hardship on the already existing community, drive rent up, and push the community out. These complexes are clearly built to push out the existing community to gentrify and brings into expensive places where people of color cannot live. This is clearly for profit and these developers do not care about our community and should not be allowed to build this.
Vanessa	90031	
Michael Nunez	90031	It will create parking worst for people who live in apartments.
Maria Delgadillo	90031	No community input or involvement. Poor planning regarding parking and actual needs of the community
Linda Wobbe	90031	Dangerous precedent not to hold hearings and respond to community input.
Emily chang	90031	
Angelina Nieto-Rodriguez	90031	It will displace current residents
Melany Guzman	90031	It is unethical to create luxury apartments in a neighborhood where the majority of renter’s only make a yearly income of around $30,5000.
Erika Gallo	90031	I oppose this project.
Adam Cooper	90031	Lincoln Heights is a historic neighborhood that has survived gentrification and real estate exploitation.
Rubi Gomez	90031	The type of gentrification Gio Cedillo insists on bringing into our neighborhoods will not be tolerated. Gil Cedillo, you have failed to provide affordable housing to your existing constituents and safe guard them against homelessness or living in crowded situations to keep their heads above water, and with COVID adding more fuel to the housing crisis, you now expect us to be okay with luxury apartments? I think not. We don’t want your luxury apartments here, now now, not tomorrow, not ever. I have seen the displacement and damage the recent luxury apartment developments have done to our neighbors in Chinatown, and for you to try this now in Lincoln Heights is unacceptable. This community refuses to be displaced by your actions.
Darla	90031	This does not help the citizens of Lincoln Heights. I along with 30,000 residents have been living here for over ten years. We have watched neighboring towns go through this same process and become gentrified, causes the humble citizens to flee in search of somewhere they can live without poverty. Leave this town to the humble people that live here. We don’t need these type of developments. This is why homelessness is rising in Los Angeles, this is the problem, and projects like these are direct correlation to people who once had a home, having to live on the street with their families. In times like these, the community needs to come together and not allow a project like this to happen.
Lena	90031	Its unethical and all about greed. this isnt uplifting the community, its pushing out hardworking people. did you forget your background Cedillo. dont go against your people. we put you in this position and we can gladly remove you.
Elida	90031	we are demanding answers we do not need this luxury Appartments inflating rent and cost of living
leslie olmos	90031	We need low income housing, that is priority!

Sandra H.	90031	This many units in this historically residential neighborhood will transform our community into another hip urban wasteland where traffic, congestion, and the added density (468 units, meaning at least another 1,500 people fighting it out for parking and city resources) will fundamentally change the small town feel of Lincoln Heights. My family history goes back to 1940's and for long as I can remember, LH has always been working class with single family residences, mixed in with smaller appartment units. LH is fast becoming unaffordable and attracting affluent people aiming to make us the next Highland Park. We do not need such dense housing montrosities in our beautiful neighborhood. The proposed structures are out of place with the rest of the Victorian and Craftsman houses. I am appalled that Cedillo and the Pinyon group think they can change our neighborhood, our history, and our culture. We deserve better. Stay out of LH!
Sarah Esther Marie Chavez	90031	Luxury apartments shouldn't be made when our current renters are being forced out of their communities.
Pamela morales	90065	I oppose the project because it will not be affordable and will only displace many people from the community. I oppose the project because it will also add to the gentrification that has been going on with the hard working class of Lincoln Heights.
Katharine Pinney	90031	Oversized, overpriced, will cause tremendous traffic, does not fit into the architecture of historic community, and bare minimum affordable units. We don't need architecturally lazy market rate apartments. We need affordable, thoughtful, housing. You know, for the working class.
Andrea Pena	90031	I don't support displacing a community or people
Iris Lizeth Casarrubias Montanez	90031	
Magali Hernandez	90031	I am against gentrification in our community.
Anahi	90023	
Catalina Bolivar	90042	It will displace many families and community members.
Juliet Matamoros	90042	As a POC I do not support this because in specific I have seen many minorities kicked out of low income neighborhoods. While others call it investing in a neighborhood, I call it gentrification. This is also causing numbers to skyrocket in Los Angeles' current homeless crisis. These neighborhoods were made for affordable living and were once considered "dangerous" our towns are not your trend.
elix	90031	I personally think it would displace and destroy the current community.
Ric	90031	I don't want to see my neighbors displaced for more unaffordable housing.
Ric	90031	I don't want to see my neighbors displaced for more unaffordable housing.
Shannon	91205	Oppose
Sarah riojas	90031	Because it will change our city forever and cause a chain reaction kicking out the families of Lincoln Heights
Wilson Ho	90031	We are in the middle of a pandemic. Most of the residents in Lincoln Heights are not being employed due to HEALTH concerns due to our incompetent leadership running in this country. Some who are undocumented cannot afford to get unemployment benefits again, lack of a leadership but also due to systemic oppression. Having this project being built will directly affect thousands who have lived in Lincoln Heights for possibly generations. Stop the gentrification that allows those privileged to move into the city because they "feel like it." It is true that some people need to move out of their current place due to inconvenience for them, but they do not need luxurious living platforms. They need affordable living places that does not cost an arm and a leg from those who cannot afford to live around said luxury.
Maria A	90032	Our affordable housing stock will be seized by flippers and investors and lifelong residents will be permanenty displaced or houseless.
Alexis Meraz Garcia	90031	We need more affordable housing in the area and housing/business that serve and can be afforded by the community.
Salar Rajabnik	90031	This project threatens the wellbeing of the working class families & individuals who make up Lincoln Heights. Our well being & shelter must not be sacrificed for another predatory gentrification project.
Brody Albert	90031	Does not consider the historic Lincoln Heights community. Will eventually displace economically vulnerable tenants. No gentrification! We need low income housing.
Danielle Salazar	90031	it promotes gentrification and the removal of current low income residents. It does not benefit the community, only the councilman.
Frank Prieto	90042	Quality of life. Adding units will undoubtedly add to traffic. Along with market rates that will only turn the community into a business rather than social construct built around families and pillars of American ideals and principles.
Vicki Aguilar	90032	Because low income families were evicted for overpriced housing that is marketed towards affluent people not from this neighborhood. We need more affordable housing for families that are long time residents of Los Angeles. Not overpriced singles and lofts for "artists"
Iris Casarrubias	90031	
Robert Nichols	90027	I support low income and public housing in Los Angeles.
Khalilah	90031	We need to protect and preserve the community of Lincoln heights
Andrea Villanueva	90031	The people and families of Lincoln Heights deserve transparency about gentrification that is happening in our neighborhoods. We have the right to voice our concerns and fight back. We have a voice

Alexis Meraz garcia	90031	We need more affordable and secure housing for Lincoln Heights. Luxury apartments and developments threaten the livelihood of long time residents who are struggling to remain in the area. I firmly say no to the gentrification of Lincoln Heights.
Brenda Albarran	90031	Because we are all a community and we should empower one another!!
Mandy Almendra	90031	Not needed for Lincoln Heights due to the already overcrowded neighborhood
Matthew Cardoza	90031	I have multiple reasons for opposing this project , but the one that sticks in my craw is this! What's with all the shiestyness that surrounds almost all of the current building project in this area. How come poeple (residents) are not being given even the slightest bit of say on the way our proud city grows and takes shape?
Maria Delgadillo	90031	No community input
Jose Salazar	90031	Because there is no respect for the community's opinions or needs
Zulibeth Inda-Lara	90031	I'm a struggling single parent of 3 minors, whom resides 2 blocks from the new plan development. My rent will increase dramatically and most likely I will need to relocate and loose my home. Please reconsider
Hector and	91802	Because we don't need need them
veronica villa	90031	We already have to much people here don't need anymore and we want to keep our community at our at offerdable price we could offer with those luxuries appt. I bet the prices are gonna go up
Alina Infante	90031	Affordable housing is at stake
Dawn Montanez	91732	oppose GENTRIFICATION
Karina g	90031	We dont need more apartments or more ppl in the city ,so many ppl losing there jobs!! put something better that will benefit the city...
Patricia vidaurri	90031	it is too crowded no parking and it will probably be to expensive and low income housing
Allegra Padilla	90029	Lincoln Heights and LA need affordable housing not unaffordable luxury units. Stop gentirifying our amazing city especially as we face a pandemic.
Taily Pulido	90022	I moved out of Lincoln Heights because I could no longer afford to live there but my church is still there. The community is in need of affordable housing, not more luxury housing that will displace more people. This displacement is literally putting families on the street. Having worked in the community, I know that now, when a family loses their residence in Lincoln Heights they cannot afford to find a new place in Lincoln Heights. To continue to ignore that reality and displace the working class is unconscionable.
Brenda Valentin	90031	Our community needs more affordable housing for our residents. Not a luxury high rise apartment.
Eric Sunada	91801	This is gentrification at its worst
Mojica Martinez	90031	I've live in Lincoln heights for 40yrs , all my life. I don't want our community to change like that. Our people won't be able to afford those appartments and our rent will increase.
Francisco cortez	90031	It will affect low income families
Juliana Aguirre	90031	Community don’t need luxury apartments
Pako	90031	Not benefiting the local population
Eduardo Castillo	90042	I will have to face increased traffic on my way to work. This will also fuel gentrification which will in turn fuel the homeless crisis in Los Angeles.
Cary cronenwett	90031	Itvis a threat to the community
Dania Gomez	90031	Higher prices in a low income neighborhood pushes natives out and gentrification
Anthony bin	90031	There is not enough parking in the area as it is.
Alejandro Mondragon	90031	Although i am all for diversity i feel this is a step in the wrong direction. If anything this wpuld be a detriment to the community and its cultural integrity.
Evelyn Rojas	90032	Gentrification is hurting our hoods, they need to be stopped asap!
Jennifer	90031	It would usher in an extremely violent displacement of low income, minority residents, not restricted to just those on the current property. Not only is this ethically immoral, it would contribute to a worsened public health crisis by making already housing insecure folk struggle to find new housing during an unemployment and housing crises, on top of the existing pandemic. There are no protections on place for Lincoln Heights residents from ongoing gentrification and it seems like city council member Cedillo would care less if thousands of his constituents are left helpless. It’s his job to act in his constituents’ benefit. Start with shutting down this development.
Rosario Escoto	90031	Lincoln Heights is already over populated. There is no parking on the streets. The cost of living is so high multiple families are forced to live together in one small home or even apartment. This will just make the situation worse. Gil Cedillo does not have his best interest at heart for the residents of Lincoln Heights. The streets are full of furniture and trash, especially in the VERY NEGLECTED ALLEYS in the avenues. Our streets are uneven and have tons of potholes, more people, more cars will create more of that. This is not a positive thing for our community!
Stephanie Martinez	90031	This is my community and I don’t want to see gentrification take over and displace everyone here.
Irving Mendoza	90031	Projects like these are the reasons why Lincoln Heights is becoming gentrified. I doubt that the landlords and the city are going to care what the residents of Lincoln Heights have to say.
leslie olmos	90031	we need low income housing and affordable rents for residents not new townhouses or high end apartments
Danica Campos	90031	This development will run out the very people who built the community.

Hannya Ortiz	90031	I oppose this project because it has had zero community input, I think this is a crucial part of the planning process. It is crucial that they provide more affordable housing in this area, if not the homeless crisis will only worsen.
Juan M Castro	90065	This only helps a certain kind of people
Tom Marble	90031	Not enough parking and the vehicular entrance and exit should be on Pasadena Avenue with dedicated deceleration and acceleration lanes.
Shanine Jaimes	90042	I do not want developers deciding the future of our communities without our input
Dara	90018	If and when anyone builds housing in this city it needs to be on a liberatory basis - not further gentrification.
Dalesy Sarceño	90006	Community needs more AFFORDABLE housing not market rate developments that raise rent for everyone!
Diana Iai	90031	
Cindy Perez	90031	I oppose this because gentrification of neighborhoods is modern day colonization. We have no where to go. This is our home. You cannot make us leave.
Cynthia White	90031	It is insensitive in scale, it will block the light for any building across the street from it. It is completely out of proportion to the neighborhood. It reeks of bribes and dirty dealing.
Edward	90021	For the detrimental effects it will cause to the community, of which I am a part of.
Vince Caldera	90065	As a native Angeleno, the residents in Lincoln Heights are my neighbors, to see that they even have to demand this dialogue is disgusting. This conversation is necessary. This will affect so many marginalized groups of people and hurt those just trying to live. If Gil goes forward with this proposed project without hearing and listening to the people, he will be a disappointment to me and the communities that actually make this city so great.
Fabiana Paredes	91101	Because any big changes to a community must be done for and with the community
Brenda Contreras	90032	City Council needs to STOP this disaster of a project from moving forward. The residents of the historic neighborhood of Lincoln Heights have legal rights and their concerns MUST be addressed. The conditions under which City Planning approved this project are highly questionable and possibly Illegal. An investigation is mandatory due to the current revelations of the widespread pay-to-play transactions happening in our city government and validated by the FBI. This type of project is extremely inappropriate as it does not serve the needs of the community and in turn would lead to the displacement of those that need housing security the most. City Council MUST DENY this project from moving forward and must also investigate other projects that have been approved by City Planning with similar questionable motives.
Melissa Alcala	90031	The homeless crisis is a nightmare. By continuously adding more unaffordable housing the homeless crisis will grow. This is not what is needed, we need affordable housing for families and elderly. I'm tired of seeing homeless people everywhere.
John Mejia	90031	We don't need luxury apartments. We need affordable housing. We need Recreation Centers for children with resources that can help better their future in education and creativity.
Armando Ruiz	90031	Because it will further displace my neighborhood. It will exacerbate the homelessness crisis.
Davi de la cruz	90031	I am a long time resident of south central Los Angeles. I have temporarily moved to Lincoln Heights as I work towards saving the funds and purchasing a home in the neighborhood I was born and raised. I have noticed that housing in this area is not as affordable for working-class families, and increasing the amount of market rate housing in this neighborhood will further impact long-time residents. In order to preserve historic residents who have lived here as a result of legacies of disinvestment, now that improved streets and neighborhoods have come to 90031, long time residents have a right to continue living here. Market rate housing and no promises to preserve rent controlled housing is a threat to this right to stay in this neighborhood. I oppose this because long time residents should not be illegally evicted, or pushed out by supposed "market pressures." Our elected officials are supposed to be able to step up and find ways to preserve long time residents right to continue living in this neighborhood.
Sarah Choung	92833	We need to stop displacing those already in the community. The LA council/government needs to reform their zoning laws so that we can continue to provide affordable housing vs continue having the current rules and regulations that are so strict and costly that only luxury housing companies are able to build properties. The city needs to stop taking advantage of suffering communities. Gentrification does not solve the problem, it ignores it.
Yesenia Varela	90031	It is a clear indication of what City Hall members want our community to look like and it's not at all what our community represents. This is the home of hundred of working class folk who everyday care for their homes and their families. It is not ok that they target established communities!
Lola Gonzalez	90042	Gentrification like this is violent to a community. Especially during a pandemic.
Erica Hwang	90027	Housing is a human right. This move would take us further from guaranteeing this right by snatching away affordable housing for luxury apartments in a pandemic that disproportionately impacts lower income folks. It is not right to value capital over human life. This development will contribute to gentrification and increasing homelessness and will uphold systemically racist ideals by refusing to listen to residents of color who understand the negative impact this will have on them.
Evan Jourden	90942	Not right for the neighborhood
Pooja D	90029	It is wrong, predatory and exploitative to allow housing to be ripped away for a so called market from an already disenfranchised community rooted in the area. The social cost of this greatly outweighs any benefit this real estate group can tout will come of buying off rent controlled buildings in communities where the vast majority of folks are renters and unable to purchase homes despite living there for decades. Even having to social capital to fight for their homes is difficult to come by for numerous reasons tipping the scales yet again to this LLC.
Aurora García-Barrera	92802	Gentrification is another form of discrimination and we have to stop it! Families are being displaced, and during the pandemic especially that is significantly harmful to the wellbeing of our communities. We must value people and their lives over property and profit.

Araceli Hernandez	91345-3123	We need affordable housing and housing for the homeless. This will cause more displacement.
Michael Stoltz	90031	This project will dramatically affect my neighborhood displacing many long time residents and shifting the makeup of Lincoln Heights.
Jackie Rodriguez	92869	Because this is a threat to our health and well being, gentrification is violence!!
Bri	90031	I am against Gentrifying the area because will lead to pushing hardworking families who can't afford expensive rent. Gentrification is part of systematic racism. By building you will be pushing Latinos out of their community.
Eric	90033	Having this kind of development will be detrimental to the current long time residents of LINCOLN HEIGHTS and it's neighbors like myself. This will displace even more residents as it will add to the already growing gentrification. It will further erase the working class and continue to push families deeply rooted in Lincoln Heights out on to the streets.
Jamie	90031	Lincoln heights is being gentrified and the people who have lived there are being pushed out those communities and that's not fair to them.
Sarah Kim	90007	I don't want people to be displaced.
Saul Soto	90023	GENTRIFICATION IS VIOLENCE
Christine Martinez	90031	Because gentrification is genocide
Jenny Lin	90034	Why are we building more UNAFFORDABLE housing during a HOUSING CRISIS?!? But we all know the answer to that question... this development is about PROFIT, not PEOPLE, and this development's going to look good in your pockets even though it's going to sit empty for years because PEOPLE CAN'T AFFORD IT. MAKE IT 100% TRULY AFFORDABLE OR GET OUT.
Maia Schall	90068	That is ugly as hell and does not meet the needs nor the aesthetic of the neighborhood.
Tiffanie Lanmon	90065	As a member of this community, I see everyday the people this would most disproportionately impact - this is NOT a good solution for affordable, inclusive housing. Our neighborhood and the people that built it deserve more!
Jordan Kolesnik	90031	We need affordable housing, not luxury development in 90031, as well as rent control along commercial corridors to protect local small businesses. The condominium project will facilitate the erasure and displacement of the current residents and business owners.
Yenny		I'm opposing this project because families will be displaced who will inherently become homeless. Once these ugly buildings go up everyone forgets about the families who are struggling to pay rent in this pandemic and raise the the rent to where the people who are from here will not be able to afford.
Miguel Perez Guzman	90032	Fuck the rich. They cannot continue their systematic erasure of people ESPECIALLY during a pandemic. If it isn't beneficial to my neighbors and myself then it doesn't belong in my community.
Sonia garcia	90063	This development is a direct threat to the community and ushers in immediate displacement of POC and family's. Stay the fuck out of north east la and east la!
Rhys Ernst	90031	Lincoln Heights neighborhood council was bypassed and never approved the project.
Michael flores	90031	It will cause a lot of despair for low income families
Fernando	90031	
Eduardo Castillo	90042	Stop fast tracking luxury developments! Gentrification has lead to only suffering for those who are not profiting from it. We need low income housing more than ever, not luxury condos.
Guadalupe Garcia	90031	If the city continues to build expensive housing, we push out low-income individuals. This leads to homelessness among families, uprooting to search for affordable housing, and creates a classist divide. How can someone push for profit over the livelihood of people? Convert to affordable housing, invest in section 8 housing, we can invest in the community in a myriad of ways that doesn't push out a while ass group of people.
Jennifer Mendoza	91030	I was born & raised in Lincoln Heights. I worked in the area & seen first hand that this is not going to be an afforded living place for the people living in the area. People already can barely afford the cost of living as it is. This will NOT help.
Maria Mejia	90031	I oppose this project because it will further exacerbate the parking issues in the community by bringing in a large influx of people.
Jesus Becerra	90031	No Blue Collar job with decent pay would be able to afford housing in this area. MIDDLE CLASS are under attack and this Project proves it!
Julianna Avila	90031	We need to help our community grow not by luxury apartments but instead through helping our residents survive this pandemic. There are elder people being kicked out of their homes and are outside of grocery stores begging for money. I have seen them!
Brian Kupillas	90068	It lacks proper standards for cultural integration in addition to community outreach. It will not be for those living in Lincoln Heights, but for those wanting to replace the population with a new demographic.
Jose Munoz	90063	Unfair to the local community and the people that grew up there
Katharine Pinney	90031	Oversized (will bring more traffic and there is already a large amount to Pasadena Avenue), market rate units when rents here for working class already very hard to meet, predict bottom store front units will be empty just like the units by cypress park gold line station. This sets a precedent for market rate apartments and dense development in a working class neighborhood. In addition, the design of the project, if one can call it that, is trite and in short redundant of faux modern garbage around the city. Evidently designing a project in keeping with the historic nature of the community is something not taught in urban planning and architecture programs. Or the ubiquitous orange door, horizontal fence, is what sells so who cares right?

Ghazal Hashemi	90042	I support the working class community of Lincoln Heights & their right to fair and affordable housing. Community input is essential!
Sonia Rivera	90031	Too much traffic already, hard to find parking on the streets. we do not need another apartment complex this large especially with Covid 19 too many people to social distance.
Shervin Ravan	90039	Human decency
Andrew Zacarias	90031	I oppose this project cause it's going to affect the community with more trouble it's going to shut down our local businesses that have been here for years ! It's going to raise rents on people mostly hard working families that are barley managing to get by we don't need this "Beverly Hills" type of vibe we are good just the way we have been for DECADES! We refuse to have this project made!!!!
Javier Garcia	90031	The community is overcrowded and if we are going to build something it should be affordable to the people of the exit community.
Anna Su	90042	I think this development displaced residents who have lived in the neighborhood for long term. The scale of the project is too large, disruptive and changes the face of the community in a negative way.
Rosa Castañeda	90031	This apartment complex will continue to hurt the people of LH and further displace families. This project will bring more affluent outsiders while it fails to address any substantial, serious concern or action that will help secure and protect the people already living in LH from being displaced. This project is not addressing our needs and therefore will not benefit the people of LH. We the people of LH need to be included in the decisions and changes being made to our neighborhood by outsiders and politicians only concerned about power and profit.
Sara Flores	90031	I oppose the project because it does not benefit the community. Rent is expensive as is, and this project will only make low income families less likely to afford to stay in the area.
Tanya Bertone	90026	Luxury apartments will only raise the rent in a working class neighborhood like Lincoln Heights. These do nothing to benefit the community
Melissa C	90031	86% unaffordable. Whats the point? Were all a small low income community & your bringing a whole apartment complex that’s unaffordable. Theres no point
Taylor Robinson	90027	These developments are ruining our communities. Not to mention it’s a heinous monstrosity. Please, preserve don’t destroy!
Dalia	91775	
Kristofer	910001	We need affordable housing NOT overpriced housing.
Elizabeth Bagasao	91030	It’s affordable housing or nothing! Gentrification is war on the poor.
Blanca Velasco	90031	It will only push out families that are already having a hard time trying to make ends meet.
Janet Marshall	91030	In South Pasadena, we also have huge RHNA numbers to meet, but the only housing that's being built is luxury housing. Our Mission/Meridian Transit Village development built in 2005 received numerous breaks because of its proximity to transit. To date, not one single resident there commutes by train.
Veronica Ortega	90031	We need to conserve our community & keep it affordable to the people who already live here!!!
Israel Gutierrez	90031	Because they remove the opportunity for people who have lived there for generations to have the opportunity to own property and people who come to gentrify these neighborhoods don’t usually participate and exclude the Hispanic and other people of color.Because they remove the opportunity for people who have lived there for generations to on property and people who come to gentrify these neighborhoods don’t usually participate and exclude the Hispanic and other people of color
Amy Jo	90068	This area does not need luxury housing, it does not cater to the population and will displace the people who have lived there for decades
Marcus m	90039	For the safety and well being of the Working class and black and brown communities
Yesenia Moreno		The people around this neighborhood can not afford to pay $2500 for a one bedroom.
Jaime Escamilla	90031	I oppose the wrongful eviction of tenants
Jaime Escamilla	90031	I oppose the wrongful eviction of tenants
Irene Farr	90031	The development does not work to support the community and works to displace it instead. Even if the structure includes low income units, the city is not advocating for the needs of local citizens. Instead, it’s giving in to the developer’s bottom line.
Darla Yan	90031	This project is going to displace thousands of residents that have lived in Lincoln Heights for years, some their whole lives. We have watched this happened to surrounding neighborhoods, we will not allow it to happen here. We the people have a voice and we will be heard.
Jeffrey Berger	90027	Community input and Transparency in transactions are the minimum requirements. I oppose the lack of Ethics.
Sarah Ramirez	90031	This housing will not benefit the people of Lincoln Heights. This is a low income community who is already suffering from the effects of gentrification. This will only serve to further oppress and displace its people. They will face more evictions and will pay more rent as a direct result of this project. I absolutely do not approve of this “luxury” development in our community, they have no place here since they will not be built to help, benefit, or uplift the people of Lincoln Heights, but rather do the complete opposite. We need projects that will help to enrich our community, we need AFFORDABLE housing FOR the people of Lincoln Heights. Our community is not for sale.
Arthur Hale	90031	After considering the historical impact of such projects in low income areas in the past, one can reasonably assume that this project will do nothing but financially and culturally devastate the pre existing, long standing and culturally rich existing community that adores Lincoln Heights and calls it home.

Anthony Pérez	90031	This project is of little effort to lift up the low income people in this neighborhood who are on the verge of becoming homeless, due to a surge in rent costs in the city of L.A. This project is unaffordable to almost 90% of the population in and surrounding Lincoln Heights.
Megan Plunkett	90026	Because I support efforts to not let LA become a playground for the rich and their developments. The City's history can't be erased any longer. LA is for the people
Darlene Olivarez	91802	Preserve Lincoln heights. Stop the removal of affordable housing.
Suani Garcia	90032	I don't support gentrification in my neighborhood.
Monica Alcantar	90031	NO TO GENTRIFICATION!!!!!
Jeselle Gomez	90032	Stop taking housing from low income communities! Invest that wealth in the community NOT GENTRIFICATION!
Marlen	90032	GENTRIFICATION
junior amezcua	90026	fuck gentrification
Josephine	90031	Our rent will be higher
Samuel	90004	No to luxury apartments on our neighborhoods
Maria De La Cruz	90003	I oppose this project because this is not for the community's these will be use to gentrify the community and slowly push away people that been living there and it is not ok .
Viviana	91042	Projects like these leave less homes for poverty stricken families, gentrify communities, and leave less room for POCs.
Belen	93309	
Nicole Corona	90031	Gentrification has impacted low income communities of color for far too long. This new development will cause a negative domino effect on our community; it will increase property values, thus rendering low income families unable to afford housing in Lincoln Heights. It is disrespectful to the community to sideline our perspectives and move forward with a project as if our lives weren't impacted.
Kate Stewart	90042	We need affordable and green housing. Keep people in the homes they have. Lining the pockets of developers.
Carrie Cook	90031	Too many units and not enough dedicated affordable housing
Maria Alvarado	90026	STOP GENTRIFICATION!
Alexsa Durrans	90031	This will cause displacement and harm for so many families and people who have lived in the area for generations. A resident myself I have seen and also experienced the displacement first hand. It is terrible and must stop. There are much better uses for that space and the community needs to be heard.
Noelia	90031	It is not fair for the residents that have been living in this community for more than 20 years. Gentrification is real and it does not benefit the low income families. These luxury projects should be built in communities where money is not a problem. Building this luxury apartments not only hurts our community but also the families that would be affected.
Noelia	90031	It is not fair for the residents that have been living in this community for more than 20 years. Gentrification is real and it does not benefit the low income families. These luxury projects should be built in communities where money is not a problem. Building this luxury apartments not only hurts our community but also the families that would be affected.
devika wickremesinghe	90031	we dont need luxury development we need community support
Anahi olivo	90023	
Diego Trujillo	90031	This will displace more long life families away no low income housing what a shame
Celista Lopez	90031	The current residents of Lincoln Heights matter! If they get evicted families will be homeless!
William Jamaica		Because it is gonna skyrocket rent and kick the working class people out thier homes
Elliot Shaffer	90065	Please preserve one of the last truly diverse neighborhoods in LA by NOT APPROVING this project. Additionally the traffic congestion brought by this project will make this area and surrounding areas more dangerous and prone to accidents.
Nicholas Lowe		It displaces people and brings in outsiders to a community and disrupts the neighborhood. Los Angeles needs more affordable housing and services for the community, not more luxury condos.
Marc garcia	91803	The incoming generation of Lincoln heights residents seeking housing as they move out of their parents homes should have reasonable and affordable access to housing in the neighborhoods. This project won't tend to the needs of the community.
justine robles	90039	people will loose their homes. it wont help the community and the people that already live in the community. its not right
erni walker	90031	this is gentrification at its most obvious and dangerous. it will disproportionately affect POC in our neighborhood and un-house families
Blanca	90065	This will continue to disproportionately push out the people who already live in the area
Abby Janto	90027	Will lead to overcrowded parking. Does not serve neighborhood
Jessie Licon	90022	Because there was not enough community input, they are marginalizing us people of color
Benni quintero	90002	I don't want to see more Black and brown people displaced
Karla O Juarez	90031	It's erasing our culture, and community. Pushes for more gentrification and it's allowing for displacement of our people.

Ian Byers-Gamber	90041	High rents will promote furthered gentrification, while not enough parking in the structure will have a huge impact on an already impacted neighborhood street parking situation. Los Angeles needs affordable housing NOW not luxury developments.
Angel Alvarado	90038	I stand in solidarity with those living in Lincoln Heights. The violent gentrification going on especially right now during the COVID-19 pandemic and Black Lives Matter movement is especially heinous. The people of Lincoln Heights should have final say on what this property should be used for. Transparency should be key, and construction should be halted immediately!
Valerie McCann	90065	
Lisa Del Castillo	90026	As a Los Angeles Native, from North East LA it is exhausting to see ugly, unaffordable housing ruin neighborhoods and push out families who were living there first. The gentrification causes extreme displacement and ruins the true culture of Los Angeles.
Rachel Jones	90032	Gentrification is violence against the poor and working class, and a meeting is the bare minimum these developers could do to act with accountability.
Jonathan Cowie	90041	This is not serving the community and will only end up taking money out of the neighborhood and contributing to the displacement of local residents.
Alexander Kujawski	90065	The city needs to stop supporting luxury housing and start supporting low income housing. We have an extreme housing crisis in Los Angeles. The city council needs to stop making it worse by allowing luxury development projects to take place. Also, we know that Huizar isn't the only one getting kick backs from developers. We're watching you, Los Angeles City Council.
Xiomara Castillo	90041	I don't support gentrification
J. Pena	90723	If the city really wants to fix the issues in our communities you don't do it by using developers to bring in the desired demographic and kick out people who have been here for generations and made LH what it is. Gentrification is displacing too many people and this project in the midst of a pandemic is a lack of empathy and consideration on behalf of our city officials.
Magali	90018	Because gentrification is wrong
Kestrel Valdez	90065	We need more housing in our communities not more projects that cater to white wealthy individuals!
Clio Wilde	90042	This is a colossal waste of time and space and money and will be a massive displacement to the community
Marissa Sanchez	90810	They don't need it there
Luke Forsyth	90031	1. Ugly and 2. Unfair planning process
Brandy	90033	Money should be going directly into the communities already present in Lincoln heights. This building will contribute to the affordable housing crisis, displacing families and uprooting/disrespecting life and culture.
Sophie Brotman	91030	This project will hike rent up in the area and displace local people who have lived in the area for a long time. This is intentional gentrification and should be stopped IMMEDIATELY.
Melanie Bellomo	90031	This project is a threat to the residents of Lincoln Heights. These apartments will fast-track the gentrification of our neighborhood, displacing countless residents, many of whom have been here their entire lives. The fabric of this neighborhood is the residents. This neighborhood is culturally and historically significant BECAUSE of the people who have lived her and fought to keep Lincoln Heights' culture. This project is violence to our low income residents and will push them into houselessness or worse. We deserve a place at the table.
Olivia	90012	I oppose the displacement of long-term tenants
Liz	90065	This is not going to help our low income population nor is it in the best interest of the community. No more gentrification
Arian Armenta	90039	Land development should not be approved without beginning a conversation with the community. Not only would this result in high rent displacing current residents, it continues to showcase the systemic flaw and selfish agenda of City Hall. Any change should be made for the people and by the people.
Fatima Nieto	91387	THIS IS FURTHERING THE DISPLACEMENT OF WHAT HAS EXISTED HERE FOR A LONG TIME JUST TO GENTRIFY IT WITH "LUXURY APTS"! THIS IS NOT OKAY
Gustine Fudickar	90027	Worrisome for current residents
Kathryn Sauma	90027	I have lived in Lincoln Heights and have witnessed the tight knit community. It is one the most intact communities in LA and does not need it's streets becoming overcrowded from a huge apartment building that cannot support parking spaces for it's own residents in said building. If these homes are not focused on housing the community of Lincoln Heights, and priced at a rate that people can afford, then the project is threatening the culture and community of that neighborhood, a historic neighborhood. If the community and Lincoln Heights council has not been a part of conversations and decision making, then the approval of the project is ignoring the people it will affect most, and begging the question: what is the motive for building a 400+ apartment building (with half the parking spaces able to accommodate potential renters)? What are you hiding that you are afraid will not be agreeable by making decisions without consulting the community? And finally, this practice of gentrification is a furthering of colonial practices like that of taking land from Native peoples in the US, those of which have been pushed out and given homes on land that is nutrient depleted and scarce of resources. Gentrifying Lincoln Heights is asking people who have lived there for decades to move out, further away, distant from their community, roots, and resources that THEY built in the neighborhood—to be reaped by newcomers who do not have anyone else's well-being in mind besides their own (the building owners and planners especially). Let's learn from history instead of repeating it blindly and ignorantly.
James Arriaga	90031	It's not good for the neighborhood
Melissa Alonso	90031	It is a way to push out the working class

Marissa Soto	90032	Gentrification is the erasure of black and brown communities, the erasure or our culture and most importantly it is the erasure of fellow Angelenos like myself who call this area our home. Gentrification needs to stop or else innocent families and individuals will suffer.
Samantha Shay	90026	This means the destruction of an already important space for our community.
Christopher Garcia	90034	New Luxury Apartments will displace those affected by Novel Coronavirus job loss
Janine Alburo	90033	fuk gentrification!
	90031	I don’t want anymore gentrifiers in Lincoln heights.
Jennifer Bobadilla	90255	I oppose evictions.
Natalie Saenz	90032	
Kloe Galindo	90032	468 new apts is unnecessary!!!
Richard Ramirez Jr	90032	
Miles Brenninkmeijer	90031	The city of Los Angeles is facing a housing crisis as a direct outcome of developments such as these. WE DONT NEED LUXURY UNITS WE NEED AFFORDABLE HOUSING. This is disgusting that the city is run by money from projects like these that are only intended to ruin the city and the lives of those these developments displace.
Gabriel	90032	
Bianca argueta	90007	Gentrification!!!
Destinee	90031	It will displace people who live in the community, it will affect the community by bringing the rich class over here to an old community and taking over
Leticia Maria Muro	90065	Lack of affordable units and increase in surface street congestion.
Joyce	90031	No to gentrification
Annabelle Quezada	90302	The wrong kind of resource into the community
Danielle	92101	More affordable housing is the key to improving California communities, NOT luxury apartments.
Victoria Pierce	90034	
Breeann Rapan		This community needs to be heard.
Elizabeth Miller	90012	It will dismantle the creative, cultural identity of Lincoln Heights
Lucas fracher	90026	This is a politically corrupt development
Alexandrea Piraino	93535	I grew Up in north east LA and lived there 33 years of my life. Due to all the luxury apartments/condos and gentrification, I was Forced to move away from my own home town last year. I am Happy to have the town uplifted and Modified just not to the extent that people are taking advantage and the locals being taken from their own homes due to price gouging rents and mortgages. Our low income and homeless families deserve low income housing. We should be saving the communities people not devastating their entire lives. Please do not built more luxury apartment/condos. Build affordable housing for the locals. Thank you
George jackson	91744	Grew up in Lincoln heights ave 21. It’s always been a area where low income families can raise their children in a safe relatively affordable environment and it’s why the community has been able to be self sustaining with little help from the government. If you take away the affordability you push out the families that built the sense of community you find so attractive.
Gen Dur	90031	More traffic. Changing community
Alin	90032	It’s a dumb project
Paulina Amador	90065	Why are we building a “luxury” complex when are people within the community are struggling to stay in their homes and not get illegally evicted!! There was also no sort of communication about this to the people living here!
Sam	90065	There must be community input on a project this large. What needs does it serve and does it serve them for the community of Lincoln heights or for gentrifiers and profit?
Rogelio Chavez	90031	No on gentrification
Safira Patel	90033	LA city planning should be working on concrete ways to promote growth and invest in the current population and community, rather than adding 500 new LUXURY units to the community.
Shirley Guzman	90032	This building will feed into gentrification and the displacement of Lincoln Heights community members!! The community did not ask for this and we don not want it!
Anastasia	90041	This will displace many from their home town. Not good for the hood.
ian	90032	no one in the community was consulted... pushing development forward in the midst of city hall’s pay to play scandal... displacing neighbors for LUXURY APARTMENTS???? they should be ashamed
Isabella D’Agnenica	90031	Born, raised, and currently living in Lincoln Heights, I want to ensure that my neighbors and my own family are able to continue to live safely and affordably in our beloved neighborhood.
William park	90033	Build affordable housing.

Brittany	90301	In much of LA you'll find luxury apartments but you'll also find a large population of homeless folk. I live in Inglewood and we are battling a transition of gentrification and resident displacement. I'm signing this petition to help residents from being displaced. AFFORDABLE housing is a necessity Luxurious housing is not.
Creighton Baxter	90031	Lincoln Heights deserves better than ugly condos. We deserve accessible living spaces for the workin class communities already in Lincoln Heights.
David Amaya	91754	Poor communities always get the short end of the stick or nothing at all.
Niamh	90039	
Selena Ortega	90031	This project is not geared towards helping resents reside there and there has be ZERO community input or involvement
Téa	90065	
Sadie Spezzano	90042	Further erases communities that have been continually uprooted and pushed out due to gentrification, this apt complex will hurt the community
Annabel Shabestari	90717	The lack of community involvement in decision making is unacceptable. This will greatly impact the neighborhood and current residents must be consulted.
Ken	90033	I wish to see communities of color intact. Every housing development only serves the rich and the white and is directly harmful to communities which have existed in these places for years at this point. Communities of color deserve to thrive, not just people who can afford massive apartments. Actively displacing people and contributing to the homeless problem is evil.
Mica	90027	This displaces residents.
Ashley Kron	90031	This project is a violent affront on the long-standing communities living in Lincoln Heights. Most people have lived here for 20-30 years. My neighbors grow fruit in their yards, have dogs, raise kids. A project like this would only attract affluent, white people into an area and slowly displace the predominantly Latinx community that already lives here. We do not need giant complexes we need affordable housing.
Sadie	90021	This 400+ units of luxury condos will displace residents while not serving the already existing community.
Janelle Reyes	90004	Large developments of luxury apartments further the process of gentrification and displacement of the neighborhood's native community, in this case the Lincoln Heights area. This project does not serve the Lincoln Heights community and I oppose it completely.
Jasmine Kuo	90024	The project will displace vulnerable populations who have called Lincoln Heights home for their entire lives especially during the pandemic. The community should be involved in the decisions made about them
Rob Scharlach	90033	Fuck gentrification
Karin Nord	90031	No more gentrification! No more displacing people.
Nicole Martins-Boyte	90026	Do not build
Lucia hajek	90031	As a resident of Lincoln Heights, this "project" is extremely unsettling. Our community is not up for grabs in this scheme to displace minorities. This is our home. We'd like to preserve the community and put a halt to further gentrification and displacing current residents with this gaudy complex.
Reyna Colt-Lacayo	94602	
stephanie loza	90279	no more gentrification
Marlon Mara-Lenoble	90032	This new building with directly harm the community of Lincoln Heights, and must have a chance to be opposed.
sam s	90065	the gentrification of working class POC dominant neighborhoods, especially during a housing crisis, will only further harm the community and those who reside within in
Jenny	90026	
Amanda	90065	Keep Lincoln heights affordable!!
Andrea Mejia	91791	I oppose the gentrification of Lincoln heights and the community needs to be involved in this dialogue.
Kyle Canyon	90065	Luxury housing is not what this neighborhood needs. This project puts multi generational families at risk and threatens to eradicate this neighborhoods community.
Evelyn Beadle	91030	We do NOT need luxury apartments. Stop this gentrification and blatant disregard for the community that is already in place & opposes this construction.
Elizabeth Diaz	90042	If long time residents of Lincoln Heights can't afford to live in the proposed project, what is the point? BIG NO to the project
Nour lubeid	90065	Against the displacement and stripping of our community
cal kevany	90042	it doesn't belong in the neighborhood, people never asked for this
Allynikoltchev	90065	To keep the community safe from gentrification
Paul Sperry-Fromm	90065	This will harm long term residents of the neighborhood and lead to more developments that displace residents and create an unaffordable environment
zoe	90031	no gentrification in Lincoln Heights. we don't need luxury apartments here, especially in this pandemic. we need public assistance and services.

Amy	90031	Unfit environment for luxury apartments
Hannah Sullivan	90031	
Ethan	90031	A luxury modern eye sore of an apartment building is not what this historic neighborhood needs. Why not invest in the buildings and businesses that are already there?
Legier biederman	90031	!!!
Briana Olmos	90031	I live in this community and love it too much to let it become Just some place to visit. We deserve better than this .
Annie Brennen	90023	It displaces members of the community who are already there and won't be able to survive or afford the gentrification.
Kevin Boog	90012	Resident of Lincoln heights that opposes any displacement of tenants/ whitewashing of the beautiful brown heritage that defines Lincoln heights.
Arrow de Wilde	90027	My family is born and raised in east la & this would completely ruin the neighborhood & a lot of families lives. Lincoln heights doesnt need a bunch of yuppies coming & ruining whats been there for so long & what many natives call home.
Valeria Garcia	91801	Gentrification anywhere is a threat to low income people. I am in opposition of this project because this building will displace low income people and will spike the rent and living prices to the point that it will become impossible for low income people to live there as seen in echo park, Inglewood, Koreatown, and countless other areas in LA.
Nick Campbell	90004	Gentrification is evil
Andrea Romero	90012	We need affordable housing for vulnerable communities not luxury apartments that we cannot afford. The rich are ruining the city and ruining lives. This is violence.
NICO GARCINI	90068	it displaces low-income brown and black people and will destroy lincoln heights as we know it
Lesly palestino	90022	Because it's wrong and gentrification will eventually push all our people away as long as we let this happen
Tyler haberkorn	90036	We don't need more luxury condos that gentrify and kick out the people that have been living here for decades.
Solita	90004	This development will displace long time communities of Lincoln heights and was approved without the council of the community. It is blatant disregard for the people of Lincoln heights.
Delilah	90026	
Geno Sanchez	90020	Lincoln Heights needs more affordable/low income housing. Not luxury projects that will displace current residents.
Mallory Leisten	90012	Affordable housing is a human right, this development will displace many families who have lived in the neighborhood for generations. Ending gentrification begins with pausing these housing developments and asking 'Who is building this? And for who? And how will it impact this area's most marginalized?'
Karen Arechiga	91321	I do not support the community being pushed out of their own community to profit greedy investors and developers.
Brooke Robie	90031	Will further create gentrification
Lauren Crow	90031	Because it will push our families and erase history
Diana Parker	90031	Because the community was not involved in the decision and gentrification affects the health and well-being of the people in the community
Mary Salazar	90012	Leave our community alone
Sebastian schiff	90032	We need affordable housing. It housing for profit.
Claudia	90012	I oppose this new construction for its disregard for the community where it will reside. LA county is currently experiencing a crisis of AFFORDABLE housing. We do not need more luxury apartments that will sit empty or will further push out communities of color.
Cb	90032	Gentrification is bad.
Isabella manderson	90042	Ugly. Ruins the character of Lincoln heights
SHAY OGRADY	90041	Protect the community—housing should be affordable and for all.
Pascal Vieira	90008	Not what the community wants or needs
Lucia D'Agnenica	90031	I believe building this without the community's consent is wrong.
Germaine wimmer	90042	Ruins the character of li cool heights
Eden Fenwick	90042	Stop the gentrification of east/northeast LA. Luxury developments like this displace POC & BIPOC who have lived in the community for generations.
Ricky	90026	
Victoria Cuan	90023	Developments such as this push local communities out and increase gentrification, thus increasing cost of housing and living for working families who have lived in these neighborhoods all their lives!
Veronica munguia	90042	We need sustainable and affordable housing. This project will directly negatively impact local residents and increase displacement.

Krista H	90065	Because it's the largest land development in Lincoln heights, and do they really need to destroy and displace another neighborhood? Are we trying to move more people to LA during a pandemic? The numbers here are so high already. You know how many hours less people are in LA? You don't fix a housing crisis by demolishing blocks and building luxury apartments. That only further displaced people of low income and brings new people here. Leave the heights alone!
Lisa Hoxter	90042	We need affordable housing not luxury condos.
Megan Rose	90031	This project will cause displacement and will further escalate the gentrification in Lincoln Heights.
Sophia boli	90004	This isn't helping the community. I used to live in this part of town and I loved it bc it was u touched by gentrification and still felt like real LA
Guinevere Alcaraz	90012	Because the building of luxury apartments higher the cost of the neighborhood which in turn raises rent which pushes black and brown people out of their own homes. This perpetuates a system of capitalism and generational poverty.
Jenny Sotelo	90031	A project of this magnitude will forcibly evict And displace an already vulnerable community, putting thousands at risk.
Khalilah	90031	We must protect and preserve our community. The project does not do this. It is ugly and will be affordable
Adam Green	90029	Gentrification kills and the community of Lincoln Heights clearly opposes this gaudy, supremacist new development.
audrey leshay	90027	this is gentrification at its worst, and by fast tracking it during COVID the city is taking advantage of its community members. no new developments unless they are low-income housing or housing for the unhoused, and no new developments until the city takes time to reinvest in its original members instead of pushing them out.
Matthew Brush	90010	for the reasons listed. Los angeles does not need luxury housing—we need housing that is affordable and accessible to everyone who needs it.
Amelia DeFosset	90012	
Emily	90042	We are in a pandemic, the last thing we need is more unaffordable housing in a neighborhood that has already been rapidly changed
Vanessa Riegel	90029	No displacement!
Jane moseley	91352	Gentrification is an exploitative offense committed against communities of color.
Renee Ramirez	85338	I had to move out of my home in Boyle Heights and Highland Park due to gentrification and now to see this happening in Lincoln Heights is heartbreaking. Knowing the friends and family who live there will not be able to afford their homes if these buildings go up. This property should be used to HELP the community, not to drive out the people who have roots there.
Miller Robinson	90031	Luxury condo/apartment buildings like the one that is being planned with displace current and long standing residents of Lincoln Heights. These new complexes will drive rents up and absolutely do not service the community that already is living here and is actively opposed to these builds. I have a lot of houseless neighbors who already can't afford housing in this neighborhood! With more and more luxury apartments popping up the rate of houselessness will just grow and grow. Older folks and families are most vulnerable to these new buildings, people that own local businesses will suffer because the people that will be able to afford these new apartments will not be shopping in Lincoln Heights or supporting out local economy. It's unethical and selfish of these developers to build these units that are inaccessible to the immediate community in Lincoln Heights and will further displace long-standing vulnerable residents of Lincoln Heights. We don't want profiteering developer buildings in our neighborhoods!!
Ahmed	92091	Disrupting the areas heritage and inhabitants for capita
Sage Sherlock	90031	We don't need ugly gentrification condos going up, without care and style, just so some corrupt real estate developers can make easy money off of "an up and coming neighborhood." It's unethical and displaced people who have lived in Lincoln Heights for generations
Cristobal Chimil	90033	It's a horrible thing for the community. Lincoln hights doesn't need it.
Marc Babcock	90027	This is a family neighborhood and one of the few affordable neighborhoods in the city. We must protect neighborhoods like this at all costs.
Brenda Llamas	90031	The project perpetuates gentrification and normalizes/ spreads the displacement of BIPOC
eden	90027	we don't need more luxury apartments that are inaccessible for the community we don't need more landlords intimidating and causing violence to the community this is NOT IT!!!!
Allyn Iwatsuru	90031	This will ruin a historically significant neighborhood for a multitude of reasons
Raul Vasquez	90031	I oppose the project because rents in the area are already out of control. People who have lived in the neighborhood for decades are being priced out by uncontrolled rent increases and heartless landlords and groups capitalizing on these disgusting trends. No one should be uprooted from their homes that they have been at their entire lives just so out of town people can come in and push them out because they have more money to drive up the market.
Wesley tsai	91801	Gentrification
Ben Bruker	90029	The people don't want it
Remy Smith	90020	This project will displace low income families.
Gwen Hollingsworth	91108	This project is another example of gentrification that will only harm and displace the majority minority and working class community of Lincoln Heights. It is highly unethical and violent and I oppose damaging this community.
Heaven Aguilar	90012	There are better options to utilize the vacancy than building luxury apartments and slowly eliminating the cultural diversity in Lincoln Heights.

Lauren	91602	
Laura Mulleavy	91106	We need to support and protect our neighborhoods from housing that does not benefit its current city residents.
Conor	91381	Because gentrification results in the displacement of our community members
Jesse Hoffman	90004	Because it harms an already struggling community and will further isolate long time residents from keeping housing.
Fátima Ramirez	90031	We need affordable housing not luxury apartments.
Yarden Erez	90019	
Simone	90026	This kind of development project is one of the most permanent / final stages of gentrification, pushing out the community that created the neighborhood you cruelly and carelessly erase and paint over with soulless whiteness.
Esmeralda	90032	It is a threat to the preservation and culture of Lincoln Heights and citizens. Gentrification is pushing out residents that have lived here for over 20 years.
Crystal	90033	We like our community as it we just improvements to already existing problems, we do not need more gentrification
Claire Redman	90042	An extremely luxury development is antithetical to the community already residing in Lincoln Heights. To take away so much potential housing for the working families of 90031 is morally bankrupt and it is WRONG. More than likely the building will not even serve this ridiculous capacity, creating empty apartments when we have THOUSANDS of unhoused Angelinos.
Lucian Buscemi	90026	Housing in LA is becoming unaffordable for many residents and this will probably make it that much worse. Plus the building would be an ugly eyesore
Xia Jimenez	90039	Gentrification and the building of these complexes is an act of violence I have seen forced into my neighborhood and communities that I would not wish on others.
Zoë Lappin	91344	As a born and raised Angeleno, this kind of development threatens the way of life and wellbeing of my neighbors. To continue to build luxury complexes, that are exempt from rent control, is to ignore the reality of the people of Los Angeles. We are not all wealthy, and these developments continue to expand the wealth gap, and push Angelenos out of their homes and historic neighborhoods. In a city plagued by homelessness, and food insecurity, new luxury developments and other such symptoms and causes of gentrification, do nothing to help the majority. House real Angelenos. Not rich transplants.
Gracie gray	91320	Gentrification of this community is actively displacing those that were here first.
Snow Martin	90068	End the displacement of local non white los angeles residents for profit! this is wrong and has to stop!!!
Alexis	90033	Luxury apartments are not for the people of the community
Jackie	90033	Let’s not gentrify our neighborhoods.
Anaiah	90042	Gentrification is VIOLENCE
Katie Herrera	90042	Stop destroying our communities, take your “luxury apartments “ to the South Bay.
Nick Angelo	90041	Setting a continually destructive precedent for the erasure of historic neighborhoods and the continual displacement of longtime working class residents
Arlin Alger	90042	I oppose this project as it will displace many long standing community members in the near future.
Arlin Alger	90042	I oppose this project as it will displace many long standing community members in the near future.
Jesse Sappell	90042	
Kace Colwell		
Kace Colwell		
Ross Chait	90042	This is not in the interest of the community that brought this neighborhood up. This is in the interest of people who do not care about the community.
lena hindes	90041	gentrification, ugly, dont need it, need affordable housing and community led projects
Jasmin palacios	90032	I am tired of families and la natives being pushed out of their neighborhoods due to skyrocketing rent and irrelevant businesses. This neighborhood does not need coffee shops, little boutiques, or expensive ass apartments that no one can afford. It needs resources to educate and bring a community together.
Daniel Ray Bengston	90031	
Nadia Gallardo		It is unnecessary construction and it is not keeping the community’s best interest in mind.
McKinley	90026	To Stop gentrification and illegal evictions
Gianni	91505	To prevent the further displacement of people in the area
Dinah	90031	I oppose the project because in the end many people are going to be displaced with the cost of rent going up.
Trevor Neuhoff	90211	These developments change the shapes of entire communities. If they are going to trey and put it in this neighborhood they must have a public discourse with members of the community at the very least. Especially during a pandemic this is a disgusting project to have to transparency on
Robert	91206	I strongly disagree about this project. I feel it’s unfair for the local community and this will heavily affect the area’s rent control. Gentrification needs to be stopped. If this project continues, many more will come and many families from lower income communities will be pushed out of their homes. We need to end this now!
Michael Keehan	90031	Nobody wants this shit building in the neighborhood

Paloma Maisonet	90068	I oppose the project because gentrifications commonly displaces communities of color, like the community in Lincoln Heights, and I don't want to see that happening in a place where I formally lived.
Martin Tzonev	90065	Its evil
Catalina Bulgach	90029	GENTRIFICATION
Alexandria Gradillas	91801	Community displacement
Kelsey	90042	Not right!!! Gentrification!
Ariel		
Katia Amador	90032	I'm all for improving our communities but this project seems to be taking advantage of that, so for that, I oppose this project.
Karen Law	91030	It will not serve the needs of the community unless it's 100% truly affordable meaning 100% of the units are rented at ELI (extremely low income) and if the property is restricted to an affordable housing covenant to keep it affordable for the next 100+ years. Regardless, the community needs to be involved in discussions and feedback sessions before anything is approved!
Steven Schaefer	90814	As the oldest neighborhood in Los Angeles, it is vital we keep its historic touch and keep the residents living here who've called this sector of LA home for numerous years. This is a pure example of profit over people. This development project shouldn't even be considered to begin a phase of development here. An absolute joke.
Liana May	90065	It is ruining the peace of the neighborhood and causing pollution . And it is taking away from the community has been there forever.
Senia Iniguez	90042	It's a threat to the community because it promotes gentrification
sara mcgrath	90027	
Stephanie Rodriguez	90042	This is NOT what the community needs or wants! It will only work to further gentrify north East LA.
Alessandro	90028	Because these luxury projects are agents of displacement that destroy communities and offer little in the way of meaningful affordable housing or servicing the actual needs of the community that lives there
Gracie	90026	for displacing locals and ignoring the demands and needs of those indigenous to the lincoln heights community
Jake Hjortland	91101	LA needs affordable housing now! The city needs to respect and preserve working class communities. Housing is a human right. LA does not need another hideous building full of vacant, luxury apartments towering over unhoused, displaced and working people. Let the people of Lincoln Heights decide the future of their community.
Nataly	90031	We dont need luxury, we need affordability!!
Anna Ramsey	90068	
jack lutsky	90045	no to gentrification in lincoln heights and to the displacement of the working class latinx individuals and families!
Danielle Garciano	91107	Stop gentrification and keep affordable housing!
Kathrina Lorenzo	91311	These developments displace life long residents of the neighborhood all to profit and make housing UNAFFORDABLE. Enough is enough. No more gentrification.
Kimberly Figueroa	90042	It is an unnecessary project that will do more harm to our community
Eavan burke	90274	
Gissel Gonzalez	90042	The community doesn't need it!!!!!
Bri Cee	91911	It will displace locals from their homes and strip them of their right to affordable housing.
Jacob	90028	I would like to move to LH and a development like this robs the neighborhood of what I find desirable
Aimee	90031	They didn't ask me
Angelina	91502	No gentrification
Thorson Munoz	91722	This project is detrimental to the livelihood of the 30k of Lincoln Heights; the completion of this project will result in major displacement and homelessness for residents of Lincoln Heights, many who lack the financial means to look for another place to live. Gentrification is lawful colonialism, colonialism will always result in genocide; only it will be committed by people in uniform
James Cherry	90019	its too expensive for this neighborhood its displacing life long residents who are mainly poc, so its removing the cultural significance of this area. This is actively going to increase the cost of living for the area and push out lower income families from their homes.
Evan Burke	92104	This will push longtime residents out through gentrification.
Kim Cuevas	90011	Because Lincoln Heights has been one of my families many homes and, it would be a shame to see it disappear.
Samaria	91780	I don't want families to be evicted from their homes during a pandemic, this is horrendous and evil.
Julie	90031	We're aren't getting a say in our neighborhood.
Shannon Sullivan		Moving forward with this project is essentially moving forward with contribution to LAs already large housing crisis.

Chris mathis	90042	It’s fucking horrid and would bring more gentrifier trash to the neighborhood
Mia Fernandez	91103	Even though I do not live in Lincoln Heights, I have lived in communities that have been gentrified—my dad is currently homeless due to forced eviction to build luxury homes. Gentrification is violence. For these communities to undergo decades of racist zoning laws and then have wealthy people enter their communities just to take it from them and force them out all over again is inherently violent. If the community largely does not support a project because it wouldn’t benefit the community, that project shouldn’t happen. Plain and simple.
Van rosales	90004	Gentrification is genocide and this project will directly affect the Black and Brown community of Lincoln Heights
Daria Solovyeva	90019	Gentrification of lower income/ historic neighborhoods is incredibly detrimental to the lower class people and the already suffering communities that’s plummeted in evictions. The people of Lincoln heights are being illegally evicted and displaced daily. I demand this project halt, or upon completion being turned into a shelter for the houseless.
Benjamin Harper	90042	Enough gentrification! Let people keep their neighborhoods and communities instead of cramming personality-free, overpriced houses everywhere.
Bailee Cowperthwaite	90026	Affordable housing
talin	91106	theyre erasing the culture
Jackson Crites	90031	This project will drive up the price of the neighborhood that consists mostly of renters, causing displacement. I oppose any and all luxury developments especially in working class neighborhoods.
Elizabeth Estrada	90640	it’s genocide to the community
Noah sharp	90066	I oppose the project because I have lived near Lincoln heights and have valued the authentic culture and found beauty without the need for luxury condos. It’s easily one of the last & best places in the city that isn’t so capitalized on. Please do not approve.
Lizzie Rutkevich	90024	A gentrification project of this magnitude will do nothing but tear apart the Lincoln Heights community by displacing residents whose families have lived there for decades and established the local culture. The community of Lincoln Heights needs investments like community services, affordable housing, and rent support during this pandemic. Instead of alotting resources to the community, this new unit development project would throw away the resources Lincoln Heights residents so direly need for unaffordable and hideous luxury housing for the developers own profit, not the need of the community.
Aileen J	90032	I oppose this project because I believe that there is an over crowding in LA and this does not help. This also makes living in the area harder for people and families who have resided in this area for years, no one should be subject to higher rent prices due to these apartments. Another reason I oppose this project is because it most likely will not be good for the environment to house people in overcrowded areas.
Kimberly Rodarte	90011	This is a home to many and it shouldn’t be gentrified. White people already have so many other places they could choose from. WHYYYY OUR STREETS?
Ivy	90032	Overpopulation
nikki houston	90031	lincoln heights is beautiful the way it is don’t destroy it with harmful gentrification investments
adan	90042	North east la has undergone extreme gentrification starting on York, and expanding to Figueroa and even more areas. The disease of gentrification is what drives communities apart while actively driving out residents who’ve lived there for years all because a loft “needs” to be built. The only thing this will do is harm the community
Hayley Shore	90065	Gentrification / ruining the neighborhood
Corinne Dyson	91104	This project aims to displace the community, not serve it. I’ve been a resident of Lincoln Heights and believe the city’s no. 1 priority should be investing IN the existing community of historically disenfranchised people.
Gabi Rudin	90029	Affordable housing needs to be built. We don’t need more luxury apartments. LA has a homelessness/housing crisis
Valeria luna	90001	We need to end gentrification
Ariana Delawari	90031	Gentrification is hurting so many people
Paulette serrano	90006	
Nicholas Orenday	91803	my friends and family live there, and i want their neighborhood to be alright
Sasha Barron	91042	it’s the gentrification of a highly culturally saturated city of families and citizens that are struggling to even make a living enough to live there. Projects like this and other possible future ones will eventually raise costs in the community, pushing out citizens and leaving people homeless.
Samantha	90012	Communities need affordable housing not more gentrification
Jenna	90029	Luxury apartment complexes displace people of the community who have been there long before these projects are erected. They raise rents, force businesses to close, and eradicate neighborhoods. This will disproportionately affect people of color and low-income folks.
Arthur Cooke	90026	i have friends and family members who live in lincoln heights and despite my relationship to the area any and every community should be funded from the roots and grow organically and collectively. this project is gentrification.
Karina	90012	I live next to Lincoln Heights and this affects and displaces my community deeply as well. We must stop gentrification which is modern colonization by rich folks who don’t care about community and working class people. WE HAVE HAD ENOUGH
Sterling Wells	90042	This development will displace long-time local residents and make people homeless.
Melissa Vega	90033	It’s taking away potential for affordable housing in the community. It’s an eye soar

Abigail valdez	91103	
Ted Davis	90042	There are enough gentrified parts of LA to build this complex in already. Don't turn Lincoln Heights into the next Echo Park. Preserve the affordability and heritage of a historic and diverse LA neighborhood.
Natalie	91730	Gentrification kills
Aram Vanerian	90031	Raising rent prices, pushing families out
Nicholas Santana	90004	Community don't need it
Migdalia	90031	no
Iran flores	90031	It will start raising up rent around and in Lincoln heights and that doesn't benefit that actual ppl who live in this small city
Tiffany Virgen	90201	Yes I oppose, no to gentrification
Isabella	91754	
Heather Harris	90026	Because building huge monstrous building is encroaching on a community that does not need this build a city park or something that helps the community not hurts it!!!!
Valentina	90032	It will create more displacements and illegal evictions
Daisy Galindo	90041	This project would dismantle the neighborhood for low income families. We've already seen what developers have done to surrounding neighborhoods like highland park. We must support low income communities now more than ever. There is simply no need for mega luxury apartments in this neighborhood.
Benjamin Vinkovic	90041	Gentrifications, and rent cost. People should not be shoved out of there neighborhoods for apartments for the wealthy.
Ashley Sanchez	90065	Will kick out low income families
Ryan watts	90031	stop the gentrification and extermination of one of Los Angeles first neighborhoods, allow those who were born/grew up here remain and be able to use their rights and freedom to maintain/establish new businesses and continue to be able to keep their homes and community.
Jasmine	90031	These luxury apartments will most likely be unaffordable to those who would typically be able to afford to live in Lincoln Heights. There's a chronic homelessness issue in Los Angeles. We should work on housing the homeless before building a gigantic luxury apartment that will most likely sit semi-vacant.
Jasmine	90031	These luxury apartments will most likely be unaffordable to those who would typically be able to afford to live in Lincoln Heights. There's a chronic homelessness issue in Los Angeles. We should work on housing the homeless before building a gigantic luxury apartment that will most likely sit semi-vacant.
Julia yerger	90031	The development will lead to gentrification, which will lead to displacement of long time residents. The community must be heard and their lives taken in to account.
Karina	90042	fuck these transplants
Joseph	90042	These landlords/tenants trying to get rid of people of color
Izzy	90032	There has been no conversation with the local residents
Martha Rayo Osuna	90640	I am against the displacement of black and brown communities. This should be turned into affordable housing instead.
Amanda Brown	90031	It's displacing Latino and black people!!!
rachel mcgovern	90026	genrefication
Janelle Snyder	90031	This project would completely destroy the integrity of our neighborhood and would displace many. Gentrification has no place in 90031, no resident wants this!!!
Yazmin Escamilla	90033	
Audrey Harrison	90012	I oppose the project because we need to protect our communities especially communities as diverse as Lincoln Heights. Gentrification displaces the people who made these neighborhoods great and takes away their home not just in literal structure but in community in familiarity and social circles as well. Not to mention the trend is that it effectively displaces Black brown and other people of color from their own neighborhoods allowing wealthy (More socially mobile) white new comers to start and take the neighborhood from those who literally created its culture. Los Angeles does not need anymore gentrification or buildings which will increase the rate of new comers to our neighborhoods. Look towards community leaders for imagining how to built and increase affordable housing not money hungry developers who don't understand or know the community at all.
Sarah Veyna	91107	There needs to be actual measures to protect the poor POC communities of Pasadena, not displace them.
Joanie aguilar	90065	It's taking from the community
Soleil	90291	No gentrification
Juan Carbajal	90065	I have grown up near Lincoln Heights my whole life. Watching it become overrun with new developments and businesses while simultaneously displacing countless community members is not right. This proposed project would destroy the community further

Andrew Lane	90024	In the midst of a global pandemic that is devastating Los Angeles and disproportionately affecting our Black and Brown communities, is the worst possible time for us to gentrify Lincoln Heights and displace its BIPOC and working class residents. This project is a weapon of white supremacy and inexcusable cruelty towards these communities. Angelenos will not stand for the gentrification of Lincoln Heights.
Andrew Lane	90024	In the midst of a global pandemic that is devastating Los Angeles and disproportionately affecting our Black and Brown communities, is the worst possible time for us to gentrify Lincoln Heights and displace its BIPOC and working class residents. This project is a weapon of white supremacy and inexcusable cruelty towards these communities. Angelenos will not stand for the gentrification of Lincoln Heights.
Andrew Lane	90024	In the midst of a global pandemic that is devastating Los Angeles and disproportionately affecting our Black and Brown communities, is the worst possible time for us to gentrify Lincoln Heights and displace its BIPOC and working class residents. This project is a weapon of white supremacy and inexcusable cruelty towards these communities. Angelenos will not stand for the gentrification of Lincoln Heights.
Marley McMahon	10011	Protect the people
Lauren Kim	90027	The community could use a number of things before even thinking about building this. This also will send rent prices up for people who already are living paycheck to paycheck.
Sabrina Strausbaugh	90005	I do not support illegal evictions or gentrification
Benjamin Kujawsko	90031	
a	90038	
Maya Abee	90032	The city of Lincoln Heights would not benefit from this development. It is not in the community's best interest and that needs to come first. I have grown up in El Sereno, in close proximity to Lincoln Heights and I have watched it change over the years. This will hurt more people than it will help. Displacement from neighborhoods is a leading cause of homelessness and during a pandemic no one should be forced from their homes.
Ted Gerike	90012	This development will tarnish the neighborhood. We need affordable housing, not luxury condos.
Sarah Veyna	91107	Correction: Because the displacement of low income POCs needs to stop in Los Angeles.
Cindy	92782	Development should not be a top-down decision making process. This project will affect those living there for the rest of their lives. Please do not impose another burden upon this community especially during these trying times. We know developers have the money, but save it for something else right now. We do not need another luxury apartment complex that'll evict another very-much-alive community. Displacement is real, and this community really does not need that.
Julia Garder	90065	We need affordable housing not luxury developments
Jenelle Smith	90017	it will push people out
Lauren Dunn	91104	
Maria-Elena Kaser	92649	I oppose all forms of gentrification and displacement of citizens who have no reason to be kicked out, especially when the only reason is greed.
Amanda Kwong	91770	
aaliyah	90032	it's that right
Dorrin	90024	Screw gentrification
Cole Prentice	90027	Gentrification
Adam Baldwin	90065	We do not need more high income housing in Los Angela's let alone on this side of town. These buildings are getting built all over the city. No one even moves in, and we're left with an empty eyesore that causes rents to rise and other developments to follow suit. DO NOT RUIN OUR HOME.
Jason torres	90601	Quit gentrifying our city.
Aaron Minardi	90042	The increasing number of new developments without rent control will continue to push people out of their neighborhoods. LA doesn't need more luxury apartments we need leaders/laws that care about our citizens!
Pablo Garcia	91801	Luxury condos and gentrification is not what the community needs. Not 400+ of them especially. Why is that the biggest project the community has gotten, and why has it been hidden/fastracked during covid?
Ryan moore	90031	It does not support the existing community, and would lead to further gent ification the the mixed class working neighborhood
Lawrence Luna Jr	90601	We must preserve and rejuvenate our Los Angeles neighborhoods rather than forfeit them to gentrifiers that displace families who have called this home for generations. Im disgusted and appalled that the city sped this project through approval under Covid. It should be mandatory for the city to include the neighborhood in any planning or development. The people's voice must not be silenced.
Leslie Zamora	91324	I oppose this project because gentrification rises prices for the people who have been living there. By building this department it is erasing the culture of the community.
Donajy Baez	90026	fuck gentrification
Crystal Gomez	90042	Because people within the community deserve affordable housing.
Sam Sweet	90031	Developers need to be checked by the people whose lives they affect. Residents of LH have a right to be heard and as a resident of Highland Park I'm ready to push back on their behalf.

Antonia Oliver	90019	These developments will drive up rent costs for surrounding residents who have lived in Lincoln Heights for a long time and deserve to have their voices and needs prioritized over profits for people who don’t even live in the neighborhood
Joanna Ewing	90065	Gentrification kills
Carlos	90041	
Mila Ryder	91604	This project poses a massive threat to neighborhood families and their housing!
Valerie Moreno	91709	
Ronda	91803	
Harmony tividad	90068	Protect lincoln heights
Chris Sirney	90039	Fuck rich people trying to fuck over local economies so they can make more money. Also the buildings will ruin the look of the city
Christina cooney	90029	These buildings are ugly and do not promote community. They do not blend in with the existing community.
Marijayne Cortez	90640	There's no need to raise rents and push people out.
Jenna	91106	The community should decide whether or not to have such a large "project" take place.
Rachêl Barocio	90022	Because it puts people who are at risk and marginalized in a compromising and displacing position. It’s unethical. Entirely unethical.
emylou	91791	I oppose the project because it will negatively impact the current residents lifestyle, culture, and neighborhood.
sierra	90042	gentrification is wrong!!!!
Sophia Negrini	91755	Because you will make everyone who lives in Lincoln heights become homeless
Veronica Martinez	90033	I do not support gentrification
Francesca L	91103	Preserve communities in Pasadena. Also the build plan looks ugly as fuck.
Kristi Stuart	91505	Gentrification kills
Andrea Regino	90032	Because people shouldn’t be kicked out of their homes to make room for people that can afford “luxury” apt. Stop gentrifying.
Charlie Powers	91702	Bullshit gentrification will ruin the community.
Amanda Straws	90031	Direct threat to our community
Julian garcia	90031	This project was never brought to the attention of the residents in lincoln heights. And as a resident of said community i feel disrespected and taken advantage of by such a huge project being started in the community with out community consent
Aaron Sperske	90068	I oppose this project as it destroys the culture of Lincoln heights and displaces long-standing community members.
mach burgess	91001	Gentrification is violence.
Valeria	90255	This is will displace residence and cause risks to them.
Katherine montgomery	90042	Project is out of scale with the neighborhood, also does not offer enough low income housing.
Marissa alanis	90033	We need to conserve our communities and do what’s best for the people not politicians.
Amber perez	90032	We dont need anymore complexes or housing units. Families are already struggling to make ends meet as it is.
Paige Arevalo	91106	Use that money to support the people and community who are and have been there!
Jennifer Gomez	90019	It directly impacts then cost of current low income housing as well as gentrifies a neighborhood rich with cultures . It is a direct attack of POC communities
Kelsey Reckling	90031	
Nick	91204	a 468 unit luxury apartment building will destroy the neighborhood of Lincoln Heights and will drive out life long residents of the neighborhood. There is too many empty ‘luxury’ buildings near by, its not necessary at all. Fill the 700 unit building in Chinatown first.
Zaira	90032	Why make people suffer ? I’m here to spread awareness of what’s going on.... we’re here to help the communities not separate and make people angry.
Fiona Baler	91786	It does not put the people of Lincoln heights first!
Phoebe O’Connell	90046	Although I am not from Lincoln heights I was born and raised in Los Angeles. In my lifetime I have seen rapid changes across the city, changes that cater towards modern poorly constructed buildings with retail on the first floor and sky rises towering above. Developers are destroying Los Angeles, more importantly developers are destroying neighborhoods full of black and POC communities, developers with plans to gentrify and repurpose neighborhoods that already have strong and vibrant communities that do not deserve to be pushed out. Fuck developers! Preserve Lincoln Heights.
Christopher Pecaro	90031	

Jade Mena	90032	The well-being of the community
Pablo Saravia	90031	This is killing the culture of Lincoln Heights. We refuse gentrification
Wesley Doloris	91364	The project is a slow/ (not so) subtle push-out of a community.
Madison Snaric	97128	
Lizbeth Figueroa	90026	Tired of Los Angeles getting expensive and gentrifying our homes for only the wealthy to enjoy. Kicking out generations of families to move somewhere else
Dustin Stafford	90048	Don’t gentrify the neighborhood
Margo Gutierrez	91711	Stop gentrification! Stop capitalism!
Savannah Garcia	90031	NO ! No parking will be insane. Don’t need it
sophie	90232	
Brenda	90032	
Cristina Estrada	91770	I oppose gentrification and homes that are not affordable for the local community.
Rocco Rivetti	90065	Build affordable housing for communities not luxury displacement
David	90405	
Isabella Van Ranzow	90031	Large scale developments enable gentrification and the displacement of the people of this community. Licoln Heights will not be another York Blvd for politicians and developers to profit on the disenfranchisement of actual community members who have been here for far longer than any politician’s term in office. City planning projects such as these do not bring more money into the community for actual community members, and are ugly. Licoln Heights is the oldest city in Los Angeles and deserves for its legacy to be preserved not developed over. If you want to stimulate the community’s economy then invest in the real community and its people, not gentrifiers. I urge Councilmember Cedillo to take a walk down Broadway and reflect on the changes that have occurred just in the last five years. The prevalence of colonial-esque gentrifiers is plainly evident - but for now, so is the legacy of this community. So, I urge Councilmember Cedillo to reconsider this decision for development, and come serve the people of the community who elected you!
thomas	90292	NO BENEFITS, ONLY CORRUPTION
Jennifer	90057	It is going to ruin the neighborhood.
Christina Perez	90063	I live close by and I do not want luxury apartments to displace the community.
Nicholas Murphy	90017	Stop building luxury apartments / condos. Stop the displacement. Shady business deals, shame in Gil Cedillo
ruth	90032	lincoln heights is already beautiful as it is!!! leave it alone!!!
Alice	91803	Luxury units are unnecessary and will cause hardship and trauma for LAs most vulnerable. We do not need anymore empty luxury apts for business men to use as a tax scheme.
Allegra Samp	90405	
Alli Menscher	90042	The absolute last thing any community needs in these trying times is a new luxury apartment building. How about a community center or garden instead?
diana	91340	wrong
Katja Farin	90041	I oppose the project because the new development has to be for the people that live there not for gentrifiers coming in. Also the city/residents should have a voice in huge developments in their neighbors hoods.
Miranda Palarea	90031	There’s no need to gentrify Lincoln heights
Dominique Flores	90042	Gentrification is violence to those who live in the community. Building new apartment complexes like this pushes out locals and forces them to relocate in neighborhoods they’ve lived in their whole lives. Prioritize the people and not these expensive gentrification buildings.
Samantha Eddo	90033	This housing project will force long time residents out of the area and encourage developers to infiltrate Lincoln Heights. We can not afford to lose any more historic LA neighborhoods to gentrification, and the stewards of this neighborhood do not deserve to be displaced for mere profit.
Evelyn	90631	The gentrifications of our cities worsens inequality and displaces families. We need affordable housing, not housing to raise the already criminal rent prices.
Lauren	90031	NO MORE GENTRIFICATION!
Gage	91506	It is wrong and nobody has asked the residence if this was okay
Melina	90032	Leave Lincoln heights alone!! This thing is atrocious and inconsiderate of the existing community
Jaime Bravo	90255	No luxury living should be established in underserved, redlined, low home-ownership Lincoln Heights. Where are the affordable renting units for singles, students, and ex cons? Is there opportunity for community dialogue prior to breaking ground? Where is GIL CEDILLO?
Megan	90041	It will displace people living in those neighborhoods
Kaylah n	91801	Gentrification
Noel	90031	I have been a Lincoln heights residence all my life. We do not need this fancy apartment complex just so more people can come into our neighborhood and eventually kick us all out . I do not support this gentrification.
Lauren Hanna	91730	Because gentrification is violence

Palentina Lam	91775	
Skyla	90032	No gentrification
Mario Muruato	90031	The inner city does not need this attention it was cause chaos with the entitled new people
Kimberly	90063	Action is being made without asking what the community thinks.
Maggie young	90031	This kind of developement is Gentrification. Gentrification is white terrorism. Abolish developers. Abolish greed. Abolish white supremacy.
Deyssi	90026	
Izabella Espadas	90031	I do not support the gentrification of my neighborhood
jalen williams	90063	we dont need our city gentrified
Nathan Ward	90042	Renters all over NELA will be impacted by the effects of gentrification. This project is the worst example of intentionally pushing out low income residents and a neighborhoods culture.
Christine Whitney	90042	This project will destroy the character of the community and will be a huge catalyst for gentrification. We want more affordable rent not displacement.
Julianna Sy	90031	I love my neighborhood and all the people living in it now - everyone that i know here is middle class / lower middle class, and a luxury apartment building would devastate families and communities that have been here for generations.
Jack Hjerpe	90028	
Naomi	90031	Black people + People of Color in LA are being left no where to go because of the gentrification that has kicked them out of the neighborhoods they grew up in. I live in Lincoln Heights and have noticed that the cost of living is not as inflated as other areas. I don’t want to see the neighbors I love and care about be dislocated.
Dulce	91942	This is gentrification
Myrka Santana	90063	This building is being built to erase the commuting of Lincoln Heights.
Naima	91801	
Semilla marquez	91950	gentrification destroys our communities and culture
Angelic Montes	90018	
Jaya	91604	
Gina	90031	
Edward De Jesus	90004	To protect the community and to keep the heritage of the area alive.
Kevin Dixon	90065	Huge multi family developments are an eyesore, and will displace residents who will be unable to afford the luxury units being proposed
Alexander Arellano	90031	Rising cost of living expenses in East LA push the native community out. Building such a large structure would contribute to this at the expense of the community.
Ruben Galindo	90032	Will eventually lead to rise in rent in area and move families out of the neighbors
Shelby	90027	Because it’s gentrification and it affects mostly people of color who are low-income. The city does not need more expensive homes. What we do need is to provide housing for low income families and the folxs who have lived all their lives here.
alison kafka	90031	lincoln heights is a historic neighborhood that does not need any more unnecessary gentrification! stop pushing rent up for residents.
Carlos Reyes	90031	Unfair against local renters and business owners in the area.
Bee	89183	GENTRIFICATION
Pilar Wong	90041	Gentrification is constantly portrayed as “improvement” and when people see projects like this they think “we need more housing so that’s good” but they don’t understand that it’s doing the exact opposite. It’s taking a community and ripping it apart from the inside by not allowing people access to affordable housing. It’s making the housing crisis worse. People need AFFORDABLE and SUSTAINABLE housing. (as in they can stay for a long time and rent won’t escalate). Being born and raised in Los Angeles, I know Lincoln heights is a community where people stick together and survive together. By labeling neighborhoods as “up and coming” and building luxury complexes that push people out of their own homes with no where to go. It’s not fair. Lincoln heights is supposed to be a place where people can go and afford to live with a roof over their head. We’ve seen in happen with Dogpatch in San Francisco. We’ve seen it in parts of compton. Eagle Rock. Inglewood. My home was once a crack house that people would look down upon with our neighborhood. Now white hipsters are moving in and labelling it as “classic” or “authentic” and driving out local businesses. All my favorite childhood places have been wiped out and replaced with a constant cycle of badly designed businesses that last no longer than 3 months and charge $11 for a burger. I don’t want to see this happen again. Not to Lincoln Heights. All of East LA is being turned white and rich as skid row grows. People turn their backs on working people just trying to make it and provide for those they love. If we don’t have our livelihood, what will we have left?
Shannon Pollak	90056	This neighborhood as well as any will not benefit from over priced apartment complexes of which, due to already strong racial and economic wealth disparities, displace residents more than they house them. Those involved with implanting this complex are not connected to the lincoln heights community in any such way. This project is ultimately stealing space from locals who could otherwise be creating more public resources that serve the needs of the community they know and care about. This project is not welcome here.

Jacob	90031	The gentrification of our historic neighborhood
Julianna Lopez	90065	To stop gentrification and overpopulating underfunded and under resourced communities during a nationwide pandemic!
Ron Noval	90015	Stop harming poor people.
Jacob hinojos	90031	Because I love how our neighborhood
Maya Lee-Morales	91103	It would be devastating to all the residents that live in this area already with low income.
Jackie Q	91776	
Kitty Perez	90069	El espacia es debe de ser para la gente de Lincoln heights
Mai sir Wong	90041	Don't let this happen again. This happened to highland park and it can't happen again. It's downhill from here. Fuck gentrification.
Angelica Vargas	90031	This area is very populated as is and with this construction it will not only affect the Elementary School environment across the street where I yousto work at before but to the area around itself where it's hard already to find parking and the safety of the children would become more affected . Plus no neighborhood committee was set for this huge project construction to businesses around the area. So that's poor planning
Sabrina	90031	A threat to the community- the people who have grown up here and lived here their entire lives!
Bjorn Rojas	91604	People should be making these decisions within their community, this project will affect all of their lives and the people in charge wont have to experience that. Its inherently wrong
Valeria Hernandez	90031	I'm a resident of Lincoln heights and live right down the street there is enough traffic here every morning apartments would make it way worse go build fancy building somewhere else us people who have lived and grown up in Lincoln heights are not in aw of these new fancy projects we dislike it!!! GET OUT
Alejandra Arevalo	90031	This city has members that have created and cultivated a community of people that have been around for many years. It is completely rude to try to implement this without even having a conversation with the members of this city. There should have been a conversation and request to have OUR opinion and obviously it is a NO. We will not allow the rich and unmatched history of Lincoln Heights to become another playground for commercial properties and real estate.
Danielle Allianic	92606	Please do not gentrify this area.
Stevie ochoa	91790	Very simple. This is gentrification.
Michael Millis	91342	gentrification
Jessica	90032	I oppose this project because what these people are doing is wrong and just thinking about the long term effects that this could cause to residents is horrible, I myself have been quite familiar with Lincoln heights because I grew up in Los Angeles and to see this happening is awful, I would say that me myself, I am not a fully educated person in gentrification or many topics that may be uncomfortable to talk about but I want to educate myself and stand up for what I believe is wrong and right. I come from a Hispanic family and often times I think that I'm shielded from important information or on topics that like i said can be uncomfortable to talk about and I think now is the time to talk and to think and also to educate yourself on everything happening in the world.
carmen madera	90022	gentrification
Makarya	91754	
Alejandra Velasco	90032	This development project will do nothing for the community besides displacing hundreds of low income families in the process, and thousands more in the aftermath.
Alejandra Velasco	90032	This development project will do nothing for the community besides displacing hundreds of low income families in the process, and thousands more in the aftermath.
	91030	Gentrification in a community such as Lincoln heights will only hurt the people living in it
Carlos sandoval	90065	This project is not conducive to maintaining a healthy socio-economic ecosystem in this neighborhood for the current inhabitants
Valeria Valenciana	90031	
Oscar Gonzalez	90032	Because there's already been gentrification in my hood here in El Sereno
Josie Vasquez	90032	
Isabel Morales	91780	
Roman Sabino	90802	Fuck this shit!!!!
Cynthia Mancilla	90031	It's unnecessary and a waste of money. Build this somewhere else.
Sebastian sena	90063	Stopping gentrification
Daniel Solano	90022	I'm an educator in Lincoln heights. I work with many low income families. I fear this will only make things harder on the families that are already struggling.
Patrick Kellycooper	90031	During an unprecedented economic crisis, the last thing this neighborhood needs is more luxury development. Stop this development now!
Hayley Brownell	91604	
Mario Loving	90013	Preserving the current community.

Kimberly	90031	It’s unfair. I grew up here lived here for twelve years, low income, and afraid of higher rent.
Elliot Glasser	90041	I oppose this project because we need to protect the diversity that East LA contributes to the greater city of Los Angeles. We need to protect the people of LA whose culture is admired but who are repeatedly pushed aside to line the pockets of investors. A development like this will be an eyesore and will threaten the livelihood of generations of East LA natives
Marco C.	90031	Gentrification
Brandon Cun		Stop trying to take over the neighborhood of low income families! They have no where to go! FUCK 12
Magdalena Castillo	90022	Gentrification should be a crime
Elena Muruato	90031	There has been no dialogue with the community about this project, the land being used has been declared a toxic waste site how will this affect the health of the children at the school just one block away? Will there be enough parking for residents of this new building ? And will there be a designated amount of units that offer affordable housing during the housing crisis in Los Angeles ?
Giselle Lopez	90031	Gentrification
Paulaine sano	91364	We can’t let the community be affected by this project. I oppose gentrification.
Giselle Lopez	90031	Gentrification
Anahit Momjian	90004	This development is dangerous to the community who’ve been living in Lincoln Heights. It’ll further displace longtime residents, just like other developments like this in the past.
Esmeralda	90022	Anti-gentrification and anti-displacement of low income people of color that have been getting kicked out of Lincoln Heights.
Fatima Jimenez	90065	I’m against the construction or development of this luxury building because it specifically displaces people of color and drives the cost of living up for the families who have been living in these low income neighborhoods for decades, prior to gentrification.
Victor	90042	Cause it’s happened to me before and I know how it feels
Jade olyn	90001	Gentrification is violence. Keep it out of Lincoln heights.
Maria Castillo	90032	Gentrification is not okay and putting Thousand people at stake. Think about the people !
JayCee	91504	It displaces the actual community that has been living there for years
bryan Santisteban	90020	the community doesn't need another apartment complex. Add more community parks or some more beneficial.
Alexia Rodriguez	92629	Our affordable housing stock will be seized by flippers and investors and lifelong residents will be permanenty displaced or homeless.
Michelle Holguin	90042	Gentrification is violence towards the community that has been in the area forever. Gentrification causes an increase in rent, therefore an increase in evictions. Gentrification is structural racism because it conforms to the DESIRES (not needs) of white individuals. A working class community does not need luxury apartments to drive them out of their community.
Jamie	90031	The people living in Lincoln Heights lives there because it is affordable. All the people living there now are poor working class Latinos and African Americans, building these luxury apartments will raise the rent for everyone and will make it impossible for these poor working people to make due.
Alanna Aguiar	90027	LINCOLN HEIGHTS HAS THE LOWEST INCOME RATE IN LOS ANGELES. GENTRIFICATION IS VIOLENCE. BUILD A COMMUNITY CENTER. BUILD A HOMELESS SHELTER. BUILD A SCHOOL, ANYTHING TO BENEFIT THIS COMMUNITY WHO LUXURY APARTMENTS WILL WORK TO DISPLACE. IT’S 2020 AND THE PEOPLE WILL NO LONGER TURN AWAY AS REDLINING TAKES PLACE.
Bryan Martínez	90023	It’s not fair to the people and current residence of Lincoln heights
Matilda Nunes	91204	Because gentrification is killing LA.
Sophia Dueñas	91604	the community should belong to the people, not the wealthy.
Ara Adzhemyan	91501	
Daniela Sanchez	90044	It threatens the community’s safety and forcefully rushes them out of their home neighborhood. Gentrification is violent.
Helen S	90023	MORE AFFORDABLE HOUSING.
Cassidy	90031	We don't need that!
Autry Haydon	90028	FUCK GENTRIFICATION. CREATE AFFORDABLE HOUSING. HOUSING SHOULD BE A HUMAN RIGHT.
Alexis Rafael	90042	It runs out the families that actually need a home and destroys the community that has been there for more than 20 years.
Anastasia	91316	Because building “luxury housing” is an insult to the thousands of unhoused/housing-unstable folx in this city! Lincoln Heights is not my community, but it is a home to many who are central to its long history. Units like these accelerate gentrification and displacement, and they do not add any cultural value. And the irony of building luxury apartments in a neighborhood shaped by redlining and keeping home ownership away from those who need it most... laughable.
Asunción Rubalcava	90031	The ground water has already been polluted for over 100 years

Jennifer Gordon	90026	
Pauline Bissell	90065	
Jennifer Jordan	91104	Keep Lincoln heights affordable for Angelenos!
Concepcion RUBALCAVA	90031	This is cultural genocide
Maximiliano rubio	90031	Lincoln heights doesn't need "Luxury apartments" it need affordable housing. Before building an apartment complex that are going to raise the rent and prices around the area Lincoln heights need to focus on the community that lives here already.
Andrew	92807	Fuck gentrification
Damian Lopez	90031	It's not fair to anyone who lives in Lincoln heights whatsoever
Austin Wasielewski	94121	Gentrification is violence, and the construction of these condos are another effort in a long line of buildings to displace, and not house, local people. The construction of such edifices must be stopped to preserve the integrity of Lincoln Heights!
Cynthia Diaz	95811	I lived in highland park from 2009-2015 during its gentrification process and saw with my own eyes people getting displaced. Friends of mine being kicked out of their apartments by developers. Cashiers at local stores asking me if I knew how this could be stopped because they had no where to go.The people of lincoln heights should not have to go through this!
Mateo	90042	Cause big business don't care about the hood! They just wanna take the money that's out here and fuck over the people that actually build this community
Yolanda olmos-alvarez	91768	We dont need buildiings such as this taking over the neighborhood. More Crowds, traffic.
Gina Zamudio	91104	Gentrification displaces brown and black families!
Patricia holguin	90042	You are erasing my culture and rent is TOO HIGH!
Melissa Ramirez	90255	Far too many people have been displaced already. Enough.
Jayson Viado	90065	Gentrifying neighborhoods does nothing but displace low income families who are being held down in society by systemic racism. It's not fair and it's not right to be imposing these projects on to communities. Let the communities do what they need to do to live their lifestyle or help them out by funding resources for them.
Abril Guzman	90031	Lincoln Heights doesn't need these apartments if it will start the works of gentrification. The fact that they did not meet with the people of Lincoln heights is disrespectful. Many of these residents will loose their homes if this starts to happen. My family included.
Brian Uriarye	90042	Because fuck Gentrification
Fernando Enciso Jr	90012	I am against gentrification
Graciela Muñoz	90042	It's affect my students that live in the areas and community. I speak out for my students and their families.
Alexis parada	90031	
Yadira Loreto	90032	This project will affect all surrounding zip codes in the area. I live down the hill by LHS. My local grocery stores are all down N Broadway and especially that Smart & Final on Daly. I know for a fact prices will spike, more than they already are with the pandemic going on. Local stores will disappear, housing around the area will spike. We will lose our affordable neighborhood. I've lived here my entire life and there are better ways to increase our community economic development to enhance economic opportunities and improve social conditions in the most sustainable method, as long as it does not displace our community. This project is decreasing our opportunities. We are a DISADVANTAGED community. Please help us improve our economic, social, ecological and cultural well-being.
Brent	90031	Would bring too many people/traffic to Lincoln Heights
Ashly nava	90033	Because I went to school there in Lincoln heights and seeing new projects like these takes the whole meaning of Lincoln heights.
Maria Jimenez	90023	I oppose any and all projects that bring gentrification into working class neighborhoods as the people are being forced out for said projects or will be forced out eventually because their cost of living there will go up.
Sarah Wilson	90014	The lack of transparency from elected officials is absolutely disrespectful. With COVID-19 and sprawling evictions, this tone-def gentrification project utterly fails to acknowledge the needs of a severely impacted community and will only further the plight of the working class people who live there. It's shameful.
Maryjane Leyva	90042	I'm against gentrification.
Phoebe	91722	Because gentrification causes thousands to lose their homes for the profit of the 1%
Ryan Essex	90031	The community deserves a voice - this neighborhood is being erased
Victoria Velez	90065	Gentrification
Julie Curl	90042	I'm against the displacement of the people in our community.
Rachel Trudden	91205	Gentrification is violence
alexis nida	90280	
Daniel Whitmore	90027	This Corp project will hurt the community

Nicole Norman	90045	This is gentrification. We cannot attempt to displace residents who have lived here for decades for the sake of profit (especially during a global pandemic and financial crisis). It seems clear why this is a selfish and racist project.
Aliza	91733	i'm tired of places i knew growing up are continuing to be gentrified. this isn't fair.
Jade christensen	90026	
Jasmine	90031	Give me one good reason why I should support this project ? no more luxury apartments LA has enough empty ones.
Alex Santana	91607	It’s unnecessary and doesn’t need to displace any families or hurt any kids.
sam maurer	90057	I want lincoln heights to maintain its community and affordability. also this gentrification architecture is ugly seriously
Nicholas Winfrey	90032	Don’t want to see neighborhood become more gentrified/congested/long-term residents displaced
Caitlyn Baidas	90031	LA and it's residents are struggling when it comes to sufficient affordable housing. Lincoln Heights has generations of families along with many low-income residents who will be pushed out due to this "luxury development". The least you can do is hear the truth of the people of Lincoln Heights. Listen to those who's livelihoods will be affected by this.
Ariadna Ordowskij	90027	This will devastate the community rather than invite diversity. Eyesore of a development, what sort of growth is expected?
Daniel delatorre	90038	Gentrification is a threat to the neighborhood and the families in the community. We can’t afford it.
Ana Aguirre	91107	This project cannot and should not be permitted to continue because of the gross negligence of bringing it up within the community. Additionally, this project will displace valuable community members who have been historically discriminated against in favor of gentrifying the area. These people, and this community deserves better.
Charles Moothart	90026	I believe the community should have a say in developments that affect their lives and their space.
Yoli Patzkowski	90031	Seeing people being evicted because of rising rent prices in Lincoln Heights over the years, it’s unfair and unethical to be adding to this problem especially during a detrimental pandemic.
Nathalia	90023	It’s a threat to the community
Julian Reinoso	90032	We don’t need luxury apartments. We need affordable ones
Riley	90042	Gentrification
Nicholas Montecino	90042	Unaffordable housing for the native people of Lincoln Heights.
mario almaraz	90031	STOP GENTRIFICATION.
Nicole Prokes	90031	
Bruna Gill	90065	It breaks my heart to see a place that’s been my home my whole life get sold out for profit of people who aren’t even from here.
Tania enriquez	90046	Decolonize LA
Chris Swainston	90012	It will be devastating to the community spiking rent, kicking out families, destroying the culture. Architecture of the building is horrible, it does not represent LA or Lincoln Heights history. This blatant gentrification of rich investors that bring nothing to the community and have no connection to the neighborhoods in Los Angels. Do not let this happen
scarlet	90026	last thing we need right now is more luxury buildings
Valerie Chavez	91103	Gentrifying this community has the power to displace many low income families that have lived there all their lives. This is not right and it is not what the people want.
Felix plunier	91711	Keep it og
Rachel Ritter	90020	Gentrification is violence! This project will be extremely damaging to the Lincoln Heights community.
Dan	90042	
Jack baker	90065	The project does not serve the existing community of Lincoln heights.
Cesar Vargas	90031	F*ck gentrification. This development project would not serve the interests of our community instead it would drive those already here out.
Anthony vu	90029	This will not help the community. This is the worst form of gentrification
Emily Deremo	90042	To keep Lincoln heights affordable for families and locals.
Cole	90066	Gentrification is violence
Jazmine	90031	The people of Lincoln heights don’t need any more reason to increase rent that we already struggle to afford. This would bring eviction for people who are already struggling, pushing our people out even more. It’s a community that should be helped and saved.
Ava Adler	90049	This is gentrification in all of its silent violence. Impacting the health and wellbeing of residents of Lincoln Heights.
Karina Garcia-Guillen	90031	The construction of this building will disproportionately displace POC in Lincoln heights, which include senior citizens, the most vulnerable members of society. Lincoln heights has already undergone a wave of gentrification that has displacement many low income families, further construction of luxury apartments in such a vulnerable area will have detrimental effects for la gente of Lincoln heights.
Chris Hess	90031	I’m in opposition to the displacement of local residents of Lincoln Heights.

Danielle	90065	we don’t need overpriced buildings in an area that is struggling financially
Daniel	90031	This will not allow for those who need housing to afford these new uncontrolled rents.
Sofia Arreguin	90069	Gentrification ruins communities and livelihoods!
Aimee Myers	90026	
Agnes Artoonian	91307	Because it’s hurting the community.
Peter Silva	90042	Gentrification contributes to homelessness
Ana cortes	90063	Ruining history!!
maxine rhea	90042	
Kris Chau	90026	This displaced longtime residents and community centers, in a time when the wage gap and disparities are at their widest. We need more community and less exclusive luxury. The predatory real estate practices in Los Angeles needs to stop!
Marilyn Medina	90042	GENTRIFICATION, no housing offered to people in the community, needs to be low income housing, All units should be for low income.
Samantha serrano	91776	It is taking away from residents who have lived there for many years. It is raising rent and moving natives out of their homes.
Stefany Mijangos	90031	This will not benefit the people of Lincoln Heights. This will allow for rent to have higher rates and will eventually end up pushing all of the working class out of neighborhood.
Christy Velez	90032	I oppose this project due to It being unaffordable housing in the community.
Luke Csehak	90042	The community should be in charge of deciding what new housing best suits its needs.
Jakob Quiles	90031	Not affordable to hound adults from the NELA area
sunday smith	92587	it will lead to gentrification
Cynthia Garcia	92701	
Jason Taylor-Pestell	90031	For a community that has several projects to meet the housing needs of those socio-economically less fortunate, this new building proposal seems contrary to its needs and dismissive of their voice. We should be actively involving the concerns and needs of the current residence, especially if it is something that may end up displacing families and/or local businesses immediately or in the long term.
Dillon	90031	It seems as if it will skyrocket rent in the coming years for the surrounding area
Isis Frias	90255	Gentrification is something that drastically and negatively affects communities that have long been homes to people of color, immigrants, and low-income families, causing thousands and thousands of these people to move out of their homes. We should be preserving our culture and history in neighborhoods like Lincoln Heights instead of gentrifying communities that only benefit those with wealth and privilege. This should not be happening. End gentrification now. This is one of the first steps to eradicating it.
Vanessa Klaus	91311	Stop gentrifying cities and start building affordable housing for the people that already live in that area
Tiffany Do	90012	Fuck gentrification
coleman moore	91103	the project needs to be considered carefully by the community at large
Lucy	90065	
Martha Velez	90031	I oppose the project due to the unaffordable housing it will bring to the community.
Andrea Jimenez	90032	I believe there are better things we could do rather than gentrify the community that is already present like making sure families stay together in their long time homes and also protect the land that's trying to be taken over by culture vultures and big time real estate agents
Isaac escoto	90029	I believe it the building of this complex is made to attract people of higher wealth to avneighborhood thats homes a community of diverse and working class people who run small businesses. I believe that building complex’s such as this one will only attract more high price facilities and will raise the overall rent of the area thus resulting in an unfair living situation for good hardworking families.
Janelle	91605	This community deserves a voice, affordable housing, families will be displaced for this. They deserve to be able to continue living in their OWN neighborhoods. The housing should reflect the incomes of the community.
Allie Ihm	90063	
Amy Demir	90032	We are tired of gentrification !!
Jasmine Velez	90031	I oppose the project due to the unaffordable housing it will bring to the community.
Henry Tull	91030	Stop Gentrification in historically Latino, architecturally significant neighborhood.
Mario Ruiz	90033	We need affordable housing not this !
Nicholas DeMarie	90039	It’s gentrification and displacement at its worst
Ezmeralda Landeros	90031	These will not be affordable and only raise the rent for the area. Fuck gentrification
Jessica Lopez	90031	Illegal evicting of residents

Lee Landey	90012	
Berend Williges	91405	It further pushes out lower income families and gentrifies the community. It loses its soul and longtime community members just for some profit and it’s disgusting.
Karla	90937	This project is devastating to community members. Gentrification has already effected this community. If this project moves forward it will have a lasting impact on community members of this neighborhood.
Eli	90065	preserve the history of lincoln heights at all costs. it is real LA.
Emma Carpenter	91030	Let people live
Christina Rodriguez	90723	Displacing our community members and families
Diego Rojo	90031	
Cormac Pickering	90041	Stop displacing people who can’t afford your ridiculous rent rates.
Gabrielle Sigrist	90042	This will further gentrify Lincoln Heights and push out it’s historic residents who have lived there for generations - all during a pandemic where many of these folks are unemployed and unable to pay their rents, facing eviction. This is an insult and injustice to them.
Perla rivera	90262	Our community is already being impacted by gentrification. We don’t need luxury apartments.
Delia Loez	90031	Illegal evicting of residents. Area will be over populated .
Emily Hogg	90039	I love Lincoln heights and the community who already resides there!
Grisel Garcia	90033	I oppose this project because it is against the people of Lincoln Heights, this is a community that had long standing residents and some of these residents, are now older and will be displaced form a place they call home. It will also inflate the market in our neighborhood,while it's great for the property owners, it doesn't protect renters who have been here for years.These projects are self serving to the developers and not in the best interest for the people in Lincoln Height,.
Justine	90042	Building this complex will put the people of Lincoln Heights in danger
Jesus Lopez	90031	Will increase illegal eviction. Area will be over populated
Jennifer Rodriguez	90031	Our community has hard working low income families, projects like this will greatly affect us & we will no longer be able to afford living in the area.
Rebeca	91605	
Jacob arias	90032	Not ethically correct
Nicole Livingston	91342	The last thing Lincoln Heights needs is a luxury condo project. The community must be engaged and meaningfully examine what must be done to fulfill current needs. The culture of Los Angeles has been destroyed by these types of luxury buildings and Lincoln Heights is no ones “new frontier” of gentrification. The community needs affordable housing and resources for affordable, healthy food.
atzel martinez	90039	i am opposed to the incoming evictions of residents
Amanda schulz	90042	Corrupt developers kill
Nora quinn	90026	We do not want another luxury condo in Lincoln heights
Denisse	90031	I want my community to remain as it is. I was born and raised In Lincoln heights and to see how gentrification is affecting it, it saddens me. Don’t let the Lincoln heights neighborhood many of us knew and grew up in Vanish over some luxury apartments. We were fine before all this gentrification stuff started happening. Honestly the neighborhood consisted of So much and one word I can describe as is “home”. I will never see myself leaving this please because it’s a wonderful community but the way it’s changing, I feel like I don’t know it anymore. It’s devastating to see how drastically it has change due to knew business, that I know my community would’ve never agreed on having. So Many tenants and so many business have been force to go out of business and leave there homes due to an increases in rents and new construction. We want the old Lincoln heights back. We just ask you to take in consideration for the people that were born and raised in this community. Don’t ruin it for us. We love Lincoln heights.
Mira Sabety	91786	Gentrification leads to mass homelessness and stress on lower income families. This is the first step.
Jamie	90027	We don’t need any more apartments to ruin historic neighborhoods
J	90033	Gentrification is an act of colonialism.
Jessica Embick	90042	No more luxury housing! It does not help the community. We have enough luxury housing.
yesenia alvarado	90031	Not affordable housing; will displace people
Matthew De La Cruz	90026	Not right
Paulina Montano	90032	Because this is not the affordable housing that Lincoln heights needs. This is gentrification.
sara kleinbart	90042	
Nathan nera	90031	I dislike caucasians
Jason	90032	It is not fair to the community

Andrea Morales	91722	This is a demand that gentrification be stopped!
Genna BloomBecker	90065	This community matters and must be treated with respect. Not what we have now- disregard for any of our lives and indifference to our inevitable displacement.
Sarah	90813	
Alejandra Coronado	90815	Lincoln Heights is a family city not another high scape
Eliana Valcarcel	84105	Gentrification is a crime and needs to be stopped.
Adrian Rodriguez	91331	It impacts the community and families of the students I teach in this area negatively.
Gabriela Mogollon	90031	Gentrification
Michael DeMaio	90031	The statement accompanying this petition describes how I feel about this development on a personal level. Fuck luxury developments, fuck forced displacement, fuck developers & fuck the corrupt city council working for developers and their own interests in stead of working class people.
Edwin Moya	90004	I oppose this project because it is removing low incoming families from their households.
Lauren McClelland	91325	
Daisy	90031	
Briana Villareal	91321	This project is displacing those who live in the community, as well as over crowding our community.
Devin Bierman	90031	It will raise housing costs throughout the neighborhood and cause displacement of working class residents
Alexander Morales	90023	Expensive and luxury apartments are not the way in driving down housing costs in California. This will only lead to increasing displacement and the proliferation of gentrification in vulnerable communities.
Linda Tovar	90026	the community of Lincoln Heights does not want or need this development.
Joss	90044	because the people who live in that area don’t need a gentrifier to come and destroy what they have left of their community.
Jairo Baez	90031	To stop gentrification
Jimena	90031	It is a threat to our community and life long members!
Tracy Argueta	90255	We must protect underprivileged neighborhoods from gentrification.
Molly Bounds	90065	I oppose the erasure and pricing out of the existing community. This development provides no resource to the existing community there, only for hypothetical outsiders. And it will surely displace people who were born there, who have long invested themselves in this neighborhood. It is also a very ugly structure that does not meet the Standards of beauty of the historic architecture which surrounds it. This neighborhood needs more amenities before it needs more tenants. Where can people get fresh produce? Build that facility instead. Invest in boys and girls club if you want to actually serve the tenants who care for this neighborhood.
claire quilala	90026	Stop this development!
Paola Gonzalez		No gentrification
Pamela Holash	91205	STOP GENTRIFICATION AND KICKING OUT HISPANIC AND MINORITIES OUT OF THEIR HOMES!!! NO ONE WANTS THIS!! ENOUGH IS ENOUGH
Ginger Wilson	91030	Fuck gentrification
James Flores	90032	I support what they’re doing.
Carlos Ramirez	90031	I love my community the way it is. I don’t wanna see my community gentrified
Timothy Samayoa	90033	Because these apartment are ruining the beauty of this community
Christine Stormberg	90026	Destroying lives for profit
Alex	90404	I don't support expensive gentrification in communities that will no longer be able afford living there.
	90031	It’s gentrification
Carrie	90005	
Ramond McCusker	90032	Save the latinx community! Revitalization not gentrification!
Stacy Le	91767	its such a diverse community and i dont want corporations coming in and pushing residents out
Amy phung	90032	I have concerns if this new development will cause a rise in rent for locals in the community. I am also concerned if this will contribute to gentrification within our neighborhood
Hayden	90031	The people of Lincoln Heights deserve to not be displaced!

Xira Doctor	90004	The building of this luxury property does nothing to help the community of Lincoln Heights who have resided in their neighborhood for decades. This luxury building is gentrification and serves to erase the rich history and community of Lincoln Heights in the name of moving more Los Angeles transplants to displace the population who have made their homes here.
john burtle	90042	
Fatima Lopez	90660	I am opposed to the project because, for the majority of my life, I lived in Lincoln Heights. I will not stand for the gentrification of my beloved neighborhood. I still have family there and I definitely don't want them or the other residents of the neighborhood to suffer because of this project. Lincoln Heights belongs to the people, no one is getting in ruining what we've preserved for so long.
Izaiah	90031	gentrification ain't okay we been living here for years no reason to start doing this now
Brian Martin	90032	
Michelle Garcia	90255	stop the gentrification of Lincoln Heights!!!!
Diana Martinez	90031	There is no need for luxury apartment. It is going to displace so many people and cause rent to go up .
Lucia Barranco	90031	There shouldn't be such big and abrupt changes to the neighborhood without the consent of the community— we must be well informed and taken into consideration, our lives depend on this place and many of these development efforts threaten our livelihoods.
Criscelle Vargas	90031	I am tired of money being allocated to the WRONG REASONS. Rent is constantly increasing for our community, thus forcing tenants out who have been living in this community for years. This project will only further escalate this problem. This is exactly how gentrification starts. Stop trying to bring new people into the community and how about we focus on the current residents of the community, focus on their needs in the midst of a pandemic, and not focus on trying to further gentrify such a history rich neighborhood.
Michael Weaver	90031	i don't want "luxury apartments" in my neighborhood
Nicolas	90031	A project of this magnitude will increase illegal evictions in Lincoln Heights and contribute to the Ellis acting of multi family properties. Our affordable housing stock will be seized by flippers and investors and lifelong residents will be permanenty displaced or homeless.
Ivyanne Sigerson	90065	we need to house our unhoused not influencers
Patricia Garcia	90031	It will further gentrify our community and displace many working class individuals.
Marilyn Gallegos	90031	Gentrification
Tifanny Cuevas	91030	I think it should be kept as is. We don't need anymore unnecessary gentrification.
Daniela		It will displace working class families as many will be forced to leave due to an increase in rent.
Andre Narvaez	90638	Lack of affordable housing
Edith Chacon	90031	this will create a tremendous traffic to our community.
Isa-Bella Blanc	90031	A project of this magnitude will increase illegal evictions in Lincoln Heights and contribute to the Ellis acting of multi family properties. Our affordable housing stock will be seized by flippers and investors and lifelong residents will be permanenty displaced or homeless.
Michelle Jarmon	90065	No.
Scarlett	90031	Gentrification
Amanda Chacon	90031	Mucho traffico
Kimberly Barajas	90031	This is gentrification , once luxary apartments are built the prices around my neighborhood increased as if it isn't already being gentrified. Save what's left of NELA
Griffin Fuller	60304	Because the development of these units will be the first in a line of dominoes to fall towards gentrification.
jazmin mendoza	90033	Gentrification. Displacement.
Marisol	90065	
Mary Berger	90031	. A project of this magnitude will increase illegal evictions in Lincoln Heights and contribute to the Ellis acting of multi family properties. Our affordable housing stock will be seized by flippers and investors and lifelong residents will be permanenty displaced or homeless.
Samuel briseno	90042	We've been losing whole communities to this and if it continues homelessness will soon follow unless we help fund the existing community instead of acting like nothings there and building right over it
Camm Harrison	90042	
Amy Uthenpong	91754	It is wrong to displace thousands of people who built the original culture of Los Angeles. Especially during a pandemic, this is utterly malevolent.
Faith	90031	I oppose the project because gentrification.
Vanessa hernandez	90012	I oppose this project because it will increase eviction and erase our community
Yvette Arreola	90031	The people of Lincoln Heights do not support gentrifictation. We will not be ran out of our neighborhood of 40+ years!
Vanessa	90031	Because this is just going yo tyun the neighborhood

Sofia Alieninova	90008	I oppose this project because it will displace more people. The people of Lincoln Heights need more affordable housing!!! Not luxury apartments way above their income and unattainable to them. Not to mention the businesses it will drive away because of higher rent prices!!!! This is an atrocious project.
Phoebe enriquez	90031	
David	90065	My family loves in Lincoln Heights. Developers are vampires. Developments like this suck the blood out of communities and displace current residents. They raise the cost of living beyond what current residents can afford.
Emily	90024	Developers area disease and do nothing but ruin the city I have grown up in my entire life and love
Juan Garcia	90031	468 unit Luxury development at ave 34/ Pasadena Ave is a threat to our health and well being. Gentrification is violence on Lincoln Height's working class (19%) Asian and (77%) Brown brothers and sisters. Lincoln Heights is the oldest most historically diverse neighborhood in LA and residents have had to endure generations of racial inequity. 77% of Lincoln Heights residents are renters - the majority with a median household income below $30k a year. We have the lowest home ownership rate in LA at 23% from historic redlining, discriminatory bank lending and racist deed covenants. We need people from Lincoln Heights to be part of the decision making. In Solidarity, JG
Anna Czosnyka	90041	This is not what the community wants or needs. For starters, the plans include 468 units but only 287 parking spaces, which would lead to massive overcrowding of the surrounding streets. This is just the tip of the iceberg however. We as a country are more aware than ever before of systematic racism and inequalities that are so insidious within our social and economic structures. It would be remiss not to point out that this absolutely classifies as white supremacist and structural oppression. The community of Lincoln Heights does not want or need luxury units. Their community needs funding for schools, transportation, social services and more, but they do NOT need luxury units. Luxury units will only serve to bring in more rich, and likely white, residents who will continue the gentrification of the neighborhood. Gentrification contributes to structural racism and oppression. Gentrification is culture erasure. Gentrification will likely increase the homeless crisis and contribute to the disappearing middle class. It does not have to be this way but in order for things to change, we have to change. We have to say no to luxury developments pushing BIPOC communities out of their neighborhoods and to consider human needs and human interest over capital. Humans matter more than property.
Edwin Davila	90033	Fuck Gentrification and it’s transients
Andrea ramirez	90031	Fuck gentrification and fuck cedillo for
Bryan Payton	90291	
Andrew Hall	90031	It will displace the locals and erase the history and culture of Los Angeles’s oldest neighborhood. On top of that its really ugly and will just attract horrible people to live there.
Sara Gernsbacher	90032	The Lincoln heights community can not sustain a luxury building, it will drive people out of the community they’ve lived in for generations and are struggling more now due to Covid-19 it would be completely reprehensible to go ahead with this plan and would only ensure an entire community would be pushed out of their home.
Diana Guzman	90031	More of my people will be displaced and this is a historic neighborhood we do not need more gentrifications we need more funding for our people and local schools
Luis fierros	90031	
Karen Balbuena	90063	I oppose because me and my family were recently evicted from the same area that this is taking place due to gentrification. I do not wish for rent to increase making it hard for folks that have lived here for years to be displaced.
Henry Trejo	90041	Because My neighborhood has been gentrified and I’d like to ensure it doesn’t happen in Lincoln Heights.
Marie Claire Macadar	90020	I oppose this project because it will directly cause the displacement of people who have been in this neighborhood for many generations // Opuesto este proyecto porque va a directamente causar el desplazamiento de gente que ha vivido en este vecindario por muchas generaciones
Moises avila	90033	Because We as a community need to stand together For our people
Nancy Mendoza	90032	
Emily	90039	This doesn’t follow the spirit of the neighborhood, and puts the current residents and small businesses at risk
Lucas Gorham	90031	I do not want the building here
Kate Morgan	90065	The only housing development this city should be investing in should be for the homeless and underprivileged.
Mia	90031	Will raise rent and force people to move away
Ruben gonzalez	90026	I oppose this project because family's businesses and business owners will be kicked out of there home and lose everything plus most of these familys and business owners depend on there business and use there money on food, rent, clothes, health ensures, there children, there family in need, taxes, retiermemt, etc and these business owners/ familys will become homeless and will not be able to feed themselves or there children plus 468 luxury apartments rent are to high to the point where low class familys cant adored rent
Ivy	90041	Gentrification
Marcella		It’s unethical and will be overly priced. Help the community FIRST
Rat Rathowen	91780	It’s an eyesore.

Josue	90032	Community displacement
Anel	90031	The Los Angeles districts have been changed due to gentrification and families are forced to move to the inflation!! No more, enough!!!
Danielle Trejo	91791	Gentrification is harmful to the people already there this will only displace many people and businesses
Julia Greenburger	90034	I am anti-capitalist
Nik H	90031	Grossly insufficient community outreach for a project of this scale. It should also include more affordable housing than the baseline TOC requirement. Many more affordable units need to be provided in this project, as it currently fails to take into account the neighborhood in which it is located
Christian Gonzalez	90032	
Amy Hernandez	90037	Power to the People.
Vanessa Ramírez	90042	This project is gentrification which is violent towards people in the community.
Fiona Sassoon	90291	Gentrification is violence against people of color and low-income communities. The City of Los Angeles needs step up to support its locals and save more space for affordable housing.
Sandy	22211	Stop forcing people out ! What a heartless project this is.
Napawee Pakpoom	90039	
Uriel	90031	no gentrification
Libier Figueroa	90895	Because gentrification is always wrong
Pedro Morales	90031	We are a working class community with low income residents and people who live day by day. We don't want your luxurious apartment that will not contribute anything to our neighborhood. We need rent control and low income housing, not luxury apartments. LINCOLN HEIGHTS IS NOT FOR SALE.
Eliana M	90031	We need more affordable housing in this neighborhood, not these luxury projects that are obviously outside the spending bracket of current residents.
Annie Guzman	90065	THIS NEIGHBORHOOD IS HOME TO SO MANY HARDWORKING PEOPLE WHO CANNOT AFFORD LUXURY HOMES
Adrian Morales	90031	I am strongly against the displacement of (traditionally lower-income and Latino/Asian) Community members that will ultimately happen with the development of this property. This community is not for sale and the members of this community should have a say in the further development of Lincoln Heights so our long term interests are accounted for in that planning.
Lainey Racah	90031	This development project will not enrich the lives of long term residents of Lincoln Heights- we need our representatives to support residents in making investments in the current community so that it can thrive.
Olivia Toledo	90042	Gentrification is violence!
Andrea Lopez	91342	Gentrification is killing our communities
Alexander Castillo	90031	People are having a tough time paying rent now, once this is completed, rent will go up higher in this area.
Willie	90031	I do not agree with this project because this project will cause rent to go up and families will be left homeless. It’s not right for this too happen to poor families.
Catherine Acosta	90031	
Clara Cohen	92592	This petition is not a request. It's a Demand by the 30,000 residents of Lincoln Heights for Gil Cedillo, Pinyon Group and LA City Planning to face the People who will be affected by this project for the rest of their lives. A 468 unit Luxury development at ave 34/ Pasadena Ave is a threat to our health and well being. Gentrification is violence on Lincoln Height's working class (19%) Asian and (77%) Brown brothers and sisters. Lincoln Heights is the oldest most historically diverse neighborhood in LA and residents have had to endure generations of racial inequity. 77% of Lincoln Heights residents are renters - the majority with a median household income below $30k a year. We have the lowest home ownership rate in LA at 23% from historic redlining, discriminatory bank lending and racist deed covenants. Why aren't we being included in the dialogue? This housing is not for our community and will only serve to displace us. This is the largest development in the history of Lincoln Heights and the community was never informed or included in the conversation. Lincoln Heights neighborhood council was bypassed and never approved the project. The city approved this by fast tracking it during Covid-19 and the City Hall Pay-to-Play scandal. How do we know the politicians and developers weren’t doing back door deals on this project? Is it ethical for City Hall to push a project of this magnitude on an already suffering community thats currently being illegally evicted and displaced? Neither the city, the councilman or the developer facilitated a single conversation with the public for the biggest development in the history of our neighborhood. City Planning went ahead and approved it. We demand transparency from our elected officials and a seat at the table regarding this new construction. This is the year 2020, not 1940. The people of Lincoln heights demand to be heard. This is part of a long trajectory fulfilling City Hall's agenda to displace and erase our community.
Noelle Wong	91754	
Gabriela Castaneda	90031	This is not what we need in the community right now. There are other things that should be fixed and looked at first.
Roberta Klug	90063	

Ineliz Ruiz	90031	This our community. Not only with gentrify and push LH natives out of our homes, but will cause disturbances to the peace hence construction and parking will be more impossible than already is. Rent will raise and will change everything. We don’t need a huge building in our town. It’s meant to be our home, not to feel as we are being pushed out.
Alfred	90032	The rent price is above the gross median of the community
Mario Alonso Felix	90033	It will lead to the displacement of low income community members. This can not happen during a pandemic it would be reckless and border on a human rights abuse.
Jose Guzman	90031	There is no need for luxury apartments in Lincoln Heights, especially when a majority of renters in the area make around $30,000 a year. What we do need is affordable housing and rent controlled apartments to help those that are homeless. Building luxury apartments will not only raise rent in the area, but will also lead to illegal evictions of long time residents, as a result, contributing to homelessness in los angeles.
Jenny Eav	90031	I think it is important to retain diversity and the cultural history of Lincoln Heights.
Daniel Schubert	90065	Eyesore
Noah Garcia	91732	Our money could be contributing to the community instead of this development
Francisco Vasquez	91201	Because gentrification is baaaad
Daniela	90042	I don't
Jocelyn	90220	Because I can
Alejandro Barrios	90031	FUCK GENTRIFIERS!!! Stop pushing out the low income families from my neighborhood out!
Emma Hirji-Johnson	90405	Gentrification consistently affects communities of color negatively, and is never an adequate solution to any sort of community issue.
Jesus Figueroa	90031	Lincoln Heights will not be gentrified. I along with several other families have been evicted from our homes. The fact that this project was rushed without community input is shady and the neighborhood will not stand for this.
Shayna	90505	
Jacqueline Brown-Gaines	90008	Gentrification is the devil’s work
Haily	90031	No to the project
Lily Baxter	90031	Disruptive to the neighborhood, gentrifying
Cyrus Esfandiary	90063	Yes I oppose the project, stop the gentrification of this community.
Samantha	90012	The possibly of displacing thousands of families in order to build a, “luxury” apartment complex is in-humane. People who live in the community have the right to reject this project, and should’ve given the option to be involved in the conversation.
Diane Tran	90031	WE NEED AFFORDABLE HOUSING NOT MORE LUXURY CONDOS.
Megan Maguire	90065	This project is a violent attack on working class long time residents of Lincoln Heights. Los Ángeles is nothing without its real residents.
Alex Craig	90031	This development is a threat to the community.
Kylen	90068	
Anne Ritschel	90026	Because it’s literally gentrification. It’s going to uproot the entire socioeconomic landscape of the area. Creating more wealth disparity in la. Which is the last thing we need. And also because it’s ugly and Lincoln heights is beautiful
Diego	90042	No new projects should be slated after the arrest of Huizar. He oversaw multiple real estate developments and essentially sold Northeast LA away. No new housing should be immediately slated. It undermines the sanctity of the neighborhood
Rene Camarillo	90031	This project will the change demographic of historic Lincoln Heights. This construction of this complex will allow wealthy residents which in response will force the community to cater to them as the community becomes gentrified. This neighborhood does not need luxury apartments. Please keep integrity in the people and culture and not allow Lincoln Heights to become too expensive to live for those who have lived here all their lives.
Juana Mariscal	90033	Gentrification
Sarah Castro	90640	Gentrification is wrong
Jackie		
Chris Thach	90031	Displacing historical cultural and low income families
Krista Sison	90026	Because the people refuse gentrification.
Vic Mendoza	90032	families are being forced out by gentrification. Their homes are being turned into spaces that aren't meant for them despite being part of the community for decades
Maya	90065	
Caterra Cornejo	90031	Lincoln heights doesn’t need luxury housing, it needs affordable housing and grocery stores.

Tracey Escobar	90031	gentrification will not help community
Ana Cecilia Alvarez	90031	We need community input ok development and affordable housing - NOT more luxury condos.
Amy	91105	Stop gentrifying my community
Stephanie Espina		I myself, along with my family have been directly affected by gentrification in Chinatown. If there is anything I can do to stop this from happening to other families I am all for it.
Sophie Roessler	90065	gentrification and rent raising will push out families of this historic neighborhood
Melisa Ulkumen	90004	Gentrification
Richard Ordonez	91745	Tryna kick us out
Alexus Anderson	90014	Gentrification of communities ruins lives, durning a pandemic it’s even worse
Carmelita Flores	90640	This will displace so the local residents. What’s wrong with these people? Jesus.
Joana De La Rosa	90022	Yes SHUT IT DOWN. these are the same ppl who try to keep us in the lower class trying to build places in our community that don't benefit our people. How many of us can actually afford living there? We need low income housing!we need places that are goin to benefit the future generations! We need more resources!
Jenny MCKeown		LA does not need another Luxury apt complex. It would be destroying a historic district.
Gabrielle	90032	It unfairly displaces families who have been living in the area for decades. I can’t imagine that these units will be affordable for the average LH resident who makes $30k or less per year.
Gabrielle L Hart	91501	Gentrification is violence.
Gabrielle L Hart	91501	Gentrification is violence.
Xiao Yumi	90034	shame on this project, for pointedly not including the voices it seeks to displace and erase；new infrastructure should support the existing community, not further disenfranchise them.
Albert Ontiveros	90042	It will displace long time residents and increase rent throughout the neighborhood
Meadow crosby	93023	This building is historical and should be protected
april canacho	90660	Displacing long term community members.
Francesca	90041	Yes
Bianca Kingwell	90068	The gentrification of lei colon heights will displace the folks who live there!
Emely Vasquez	90026	The project isn’t in the best interest of the current residents in the area.
Ineliz Ruiz	90031	This our community. Not only with gentrify and push LH natives out of our homes, but will cause disturbances to the peace hence construction and parking will be more impossible than already is. Rent will raise and will change everything. We don’t need a huge building in our town. It’s meant to be our home, not to feel as we are being pushed out.
Elena	90031	This project further gentrifies the community and hurts its longtime residents.
Amber	90031	
Citlali	90032	This type of luxury living is unaffordable to the citizens of Lincoln Heights.
Angel Perez	90031	Trying to gentrify a community that doesn’t want to be gentrified
Yalitza	90023	
Dana Barone	90031	Environmental review, full permit and local resident review and should be done. The corruption of Jose Huizar will not be tolerated even in the poorest of communities.
Jacqueline Aquino	90031	Gentrification and for profit is affecting our community and it’s longtime residents negatively. Let the community be heard
Rebecca Ramos	90031	Gentrification is pushing out our local residents!!! Do not gentrify Lincoln Heights like Echo Park
Jaya Tengco	90031	This development is a direct threat to The Lincoln Heights community
Deserei	90032	It is wrong.
Emily Gramajo	90065	Gentrification
ana villapudua	90031	gentrification.
Conor Kinsman	90039	Lincoln heights community deserve to be heard and actually listened to.
Lidia Gutierrez	90042	Los Angeles desperately needs affordable housing. This project will not be affordable housing but will instead lead to the displacement of many, many people & families. This project does not fit the community’s character whatsoever.
Deborah Samano	90040	I grew up in North East LA and agree with all the statements made in this call for petition. No to Gentrification! Support and protect Historic neighborhoods.
Joanna	90032	Luxury apartments should be built around people who make minimum wage
Dulce	90031	Gentrification, rent

Guadalupe Mendoza	90031	
Nicolas Antonio Reyes	91106	Neighborhoods need more affordable housing, not luxury apartments that will make everything in the area more expensive as well.
Raquel p	90042	No one can afford these over prices apts that are just going to sit empty taking up space or when they do occupy it'll just be with racist gentrification kicking out the community as always kicking out the community that will not be able to afford these "luxury" Apts also adding to the parking problem no please consider not building this
Sherrie Chavez	90031	Because current Lincoln heights residents And surrounding areas would not benefit from it or would be able to afford to live in them
Olga Diaz	90031	Gentrification access to affordable housing
Diana Ortiz	90032	I oppose this project because it doesn't benefit the community of Lincoln Heights. It is too expensive for them to afford , and it disrupts their already formed lives by pushing them out so wealthier people can live in the area.
Alexis Serrano	90023	
Gracie	47304	Lincoln Heights has been a historical landmark and safe place and home environment for the working class POC. It would be abuse and overall inhumane to strip this away from anyone, and especially taking it away from POC during COVID-19 and the current state of the world.
Jessica Ichel	90033	Because I don't want anymore gentrification
Jorge Barreto	90031	I strongly oppose structures that are intended to gentrify my neighborhood. The community has many historic values that are at risk because of projects such as this one.
Andres Fuentes	90032	Not enough affordable housing.
Nanette Sullano	91602	Cultural and Residential Displacement
Sally Arias	90031	It will create further inequality in housing for a the current low income residents in the community and infrastructure such as this should be presented to the community before moving forward.
Evan	91202	It will take away homes from people in my community.
Mia	90063	I grew up in Lincoln Heights before moving to City Terrance and I can't sit back and allow my childhood neighborhood become a victim gentrification. Long time residents of this neighborhood should not be forced to relocate, this is their home and they deserve to live freely and easily. Stop the oppression of BIPOC.
MARIA RAMOS	90012	I oppose because it will put the people currently living in Lincoln heights at risk of losing their homes.
Gesselle	90063	I've grown up in these areas all my life and when you take over someone's community and theirs mo respect or overnight to the people in that area thats disrespectful the people should have a say weather these buildings for the rich should be build. Remember this is a lower income area and highline the prices in our areas won't help us grow and that isn't right build this stuff in the Valley, Hidden Hills, and Thousand oaks.
Lauren reed	92688	Because this project will push rent controlled individuals out of there homes in the middle of a pandemic.
Annie wilkes	90031	It's will cause people to be dis placed. Unless it is 50% affordable housing I don't see how this helps residents of Lincoln heights
Jorge Reyes	90065	Inflation and gentrification are hurting community health
Nicole	91030	this project displaces people who have lived here for generations and continues to perpetuate gentrification
Odalis	90062	NA
Josephine Gualpa	90026	I oppose this project because it would be detrimental to the community surrounding it and people would be unnecessarily evicted and that is not right.
Yasmeen	90008	My Lincoln Heights neighbors will be vulnerable to evictions etc and this is indeed a violent act to get them out of their own neighborhood. They must be involved in the project conversation.
Michelle alanis	90033	Gentrification has to stop. Pushing people out with no choice is WRONG
Samantha Mendoza	90031	This area is already seeing the effects of gentrification slowly trickling in. I've lived here a majority of my life and fear I won't be able to do so in the near future. This project will kill the community.
Joddie O	91801	This project leaves people on the streets. That's NOT cool.
Hermes Agustin Jr	90044	It will force families to move out and find no where to go and it's simply Gentrification
Kate lee	90032	
Jesus Rodriguez	90031	Then you guys start raising up rent on the community to kick all Latinos out
Marivel		
kelly luo	90031	bc fuck gentrification
Tony Jardines	90031	We should have a vote as to how this place is improved.
Alena	90031	WE DONT NEED ANY MORE BIG APARTMENT COMPLEXES!!!
Maria	90033	This city is my home. Home to a lot of people. Stop kicking us out.
Brendan lopez	90032	This will undermine small business

Mazacuauhtli Burrola	91722	gentrification is warfare
Ashley Arreola	90031	This community is our home. The fact that they are trying to build bigger and HIGHLY EXPENSIVE rent complexes is just sad. They want to change our culture & push us out of this community.
Eric	90042	Because the rich come to kick out the working class for their own benefit. Not realizing they will put thousands of residents in the streets just for their benefits, for example look at highland park, echo park.
Brandy allen	90026	Against gentrification and development that effects traffic and original residents
Paola tapia	90031	This project is meant to push out the community members that currently reside in lhts. These buildings won't support our community members.
Roberto Soriano	90012	Because it's wrong.
Bernadette Arias	90031	I oppose this project because it's kicking out all of the residents in my lovely neighborhood including myself it makes it harder to live in an apartment where I can barely afford it and the same goes with my mother we've lived here for such a long time since I was a child and it's so sad to see this neighborhood dissipate into some thing that was once so beautiful and filled with culture
Atziri Cervantes	90042	
Marissa	91605	Stop pushing locals out! Housing needs to be affordable and building luxury housing that middle or even lower class people can't afford IS NOT FAIR!
Bryan Vasquez	90023	Because no one is going be able go afford this ugly ass housing
Kristian Cardenas	90031	No community benefits and not enough affordable housing
Patrice	94546	
Jonathan Diaz	90033	Gentrification
Esther Ibarra	90063	Gentrification needs to stop.
Abraham garcia	90640	can't built without notifying the neighborhood residents
Sabrinna Bates		
Jasmine Alvarez	90031	The folks of Lincoln Heights will not survive this if this building is built. The people of Lincoln Heights—the REAL people, the working class people—can not afford these ridiculous luxury apartments and will be forced to leave. We've seen this countless time in other North-East LA neighborhoods and we can't let it happen again. We should protect our community from further gentrification. Gentrification is modern day colonization and it is violent.
Sandy vuong	90031	We deserve to have a say in OUR community!!
Sabrinna Bates		
Kary	91801	THIS IS DISGUSTING. LA — ESPECIALLY NORTHEAST LA — DOES NOT NEED LUXURY APARTMENTS. THIS IS NOT WHAT AFFORDABLE HOUSING LOOKS LIKE. THIS IS A COMPLETE DISREGARD FOR COMMUNITY NEEDS & COMMUNITY RESPECT. HOW DARE YOU @ GIL CEDILLO ALLOW THE GENTRIFICATION OF ONE OF THE MOST HISTORICALLY RICH LA NEIGHBORHOOD BE SUBJECT TO GENTRIFICATION IN THE NAME OF "BETTER BUSINESS DEVELOPMENT." I WAS BORN AND RAISED IN LINCOLN HEIGHTS & HAVE BEEN FORCED TO MOVE OUT TO THE SAN GABRIEL VALLEY DUE TO INCREASED RENT & PROPERTY/PROFIT HUNGRY LANDLORDS! PLEASE USE THIS SPACE AND THE FUNDING FOR SOMETHING THAT WILL NOT ONLY MEET BUT SUSTAIN THE LINCOLN HEIGHTS COMMUNITY 🔥🔥🔥
Elaine Huynh	91732	Los Angeles and neighborhoods throughout America have a long history of gentrification, which is a product and function of systemic racism. I believe there is value, beyond the economic, in Lincoln Heights without luxury developments. Luxury developments destroy rich, deeply interwoven communities in Los Angeles, and I do not want to see this happen in Lincoln Heights. The city of Los Angeles can act on their position that Black Lives Matter by opposing this project.
Lucy	90026	
Elizabeth Herrera	90031	This must include affordable housing options for low income families
Sandy Frias	90065	The fact that residents were not informed of structure. Low income community members will Not be able to afford to live here and be displaced in order to build structure. Community members will not have priority application access. This is not for the Community and it is not a structure that the community would benefit from
Stephanie S	91331	The people of Lincoln Height should be prioritized rather than gentrifyers
Jamie patterson	90041	This goes directly what the neighborhood needs and the pricing is INSANE. Shady tatics to even get this project this far is a terrible sign of what's to come
Kaili Ward	91764	cultural gentrification
Barbara	90031	Opposed to gentrification
Jose	90031	Gentrifications
Scarlett	94122	It's cultural genocide! Fight gentrification at all costs!
Kasha	91423	it's destroying a community

erika dominick	90006	LA does not need more luxury housing, especially not the expense of working class people of color, and especially not without public comment.
Amanda	90033	It should stay for the community!
kora colasuonno	91607	toxic luxury housing is not what the people of lincoln heights want or need, and will only exacerbate the growing housing crisis for the entire region.
Justine zimbron	90026	Displacement of current residents
Alejandra Guzman	90063	The displacement of an entire community is never going to be okay. Communities are not for sale! During a pandemic, to build luxury apartments in a lower-income neighborhood where local residents can not afford to live in said properties is pure evil. Gentrification and capitalism are the real pandemic.
Miranda Peraza	90031	Honestly seeing gentrification in the Lincoln Heights community is really sad. This is a community that has to help build each other up. Not a community that needs a big fancy corp. to drive out the history of the people.
Tracey Truong	90031	Yes
Anagabriel Castro	90032	
Edwin Coro	90031	Doesn't represent the people who live there and places it out of reach
Celeene	90280	Many residents in Lincoln Heights are already struggling to live in the city. There is no doubt this project will increase rent therefore making it more difficult for residents. These units are not affordable for many residents, which will further increase the gentrification of the city.
Enzo Gonzalez	90023	This project will displace native residents through gentrification
Eric Hernandez	90032	People who’ve lived their lives in Lincoln Heights don’t deserve to be forced out of their homes by gentrifiers.
Skylar fisher	90066	The construction of these luxury condos will further the displacement of families who have lived in Lincoln Heights for generations.
Cindy Davalos	91764	
Madeline Pena	91104	yes
Hailey Moreno	90042	No gentrification !
Adrienne mercado	90031	Pollution concerns
Kimberly Cortez	90003	Lincoln heights needs to keep its culture and not be exposed to gentrification like so much of Los Angeles!
Susan Mackin	90042	It will negatively affect the community and people living there
Jailene	90031	This project does not serve our community. Our community did not approve this. This project will end up pushing out long term residents of Lincoln Heights, it would be the start of a violent wave of gentrification.
Virginia Finney	90005	Because the gentrification of this city is a violation of human rights. And because this building is ugly as fuck.
Tawney Elayda		This is a threat to the Lincoln Heights community and would displace many.
Juliette Contreras	90005	It’s bad for the community
Simon	90023	Lincoln heights has felt with a wave of gentrification for the past 10 years and enough is enough. All this would bring is higher rent for low income families like my self. Lincoln heights is one of the oldest community’s in LA.
katherine torres	91706	
Michelle	91306	
Carl Cortez	90033	
Jenisse lara	90031	Gentrification Is doing more harm than good in our communities of color
Chris Cervantes	90031	I’m against this project because it will displace long time residents and only negatively affects those that will be able to stay in terms of raising their property taxes and erasing the community that made the neighborhood a place of desire anyway.
Jose duran	90031	It’s not fair for the people that have been here for many years to be kick out of their homes that they work hard to get for some investors who already have lots of money to kick them out like nothing
Emely Ocampo	90031	I oppose this project because it displaces many immigrant families who have planted their roots in this community. This will just drive up the very apparent homeless problem in LA. These projects are toxic to communities of color.
Elisa Rosales	90280	This is not what the people in the community want or need. The community's needs as well as their opinion have to be taken into consideration. The people should matter more than profit!
Selenah Marti	90032	I want to uplift my community, not destroy it. Building these developments would further contribute to gentrification at the expense of our people.
Remi Riordan	90004	I’m against gentrifying developments that displace people.
Sixto pena	90031	It displaces low income renters!!
Nial morgan	90038	Fuck corrupt developers

Rebecca Rivera	90031	It displaces people from the community
America Sanchez	90031	Gentrification has already taken over too many neighborhoods and Lincoln heights should not be one of them. I've already had too many friends get kicked out due to this issue and it is not right.
Danny Bermudez	90033	
Melina piedra	90065	It would drive working class families out of the area and cause gentrification in the community
Brandy S	91106	
Kenneth Chip	90031	
Sebastian Meza	90032	This is not what the Lincoln Heights community needs, and is a blatant example of pushing gentrification and erasing the culture that has been set here for almost a hundred years. The Lincoln Heights Community does not approve of this, and was done without the permission of the community.
Reynaldo	90280	Gentrification
Nicole Campos	90031	People are being wrongfully shoved out of their homes. They've spent years here and are losing their homes due to the selfishness and greed of local politicians. They have done absolutely nothing to help the community and instead focus on making money off the displacement of people in this community. This is absolutely despicable and must stop.
Emily leon	90042	This project will displace life long residents of Lincoln Heights. We do not need more luxury apartments in our neighborhoods.
juan leon	90031	It's erasing our community.
Rosette Simityan	91042	It threatens the cultural integrity of the local community
Liam forde	2472	There is never an excuse to take away housing. It is never defendable or acceptable
Raquel Rodriguez	90031	The last thing my neighborhood / LA needs is another luxury apartment complex. Four generations of family has/ currently lives in this area.. we need more development for affordable and equitable housing to preserve the spirit of this city instead of becoming a hollow devoid of genuine life.
Cinthia Carlos	90031	
Skyler conner	90042	It’s horrible
Esmeralda Ordaz	91744	It is not affordable housing for the existing community
Diana	90031	This project isn't for people like the ones in Lincoln Heights. No, you want to import newer, richer people to "boost" this city/neighborhood. Where will we go? We'll see our neighborhood changed by people whom we've never even met, such as you. You're not for the people of Lincoln Heights OR Los Angeles. No one is. All you care about is the money you can get from the land we live on. We'll be "hip" and "urbanized" and "modern." You'll just bring in new voters FOR YOU. The neighborhood won't be a neighborhood anymore. It'll be a soulless hub for workers and you're the king of the hill.
Daniel Esquivel	90065	It’s taking away from the community. The community is losing its roots. Terrible terrible idea.
Iiia Xochipilli	90007	I am indigenous
Michael Aldana	90031	Gentrification will kick out community members who cannot afford the rent and bring in those who don’t understand the culture.
Lizette	91204	Taking away from the community.
Carol	90031	Gentrification has slowly started to take over our community leaving out on the street our most vulnerable, long-time residents and beloved members. This project is a perfect example of that.
Elizabeth Zamora	90032	This housing is not for OUR community and will only serve to displace us.
scarlett dennis	90032	gentrification is violence
Hugo Hernandez Jr.	90031	I Oppose This Project Because This Is Gentrification & Will Make Lincoln Heights Rent Sky Rocket Throughout The Neighborhood & N.E.L.A. And Will Forced Us To Get Kicked Out Of Our Neighborhood & Remove Our Culture, History, Brown People & Presence From Lincoln Heights!
Ashley Boyd	90031	Keep Lincoln Heights charming and true. This mega luxury building will further damage this neighborhood and displace locals. It’s is truly an eye sore. Get out of here with your capitalism
Karla Coronado	90031	Lincoln Heights does not need any more gentrification. Gentrification will lead to families being pushed out of their homes. There is a rising increase of homelessness and gentrification is one major contributing factor leading to it.
Carmen Flores		Instead of taking from the community invest that money for the betterment. These people are hardworking people who do many of the laborious jobs no one else wants in order to provide for their families in hopes of better opportunities for their children.
Estefania Hernandez	90019	Tired of these people coming in making rent unaffordable kicking the brown and black families that make this community
Rachel Weinstein	90027	End gentrification

Jeannette Hernandez	90201	This could lead to an increase of rent for the surrounding properties leading to the displacement of many families.
Venice Malabanan	90011	Because gentrification kills the culture in the community and kicks hard working people out of their homes
Jazmine	90032	Lincoln Heights has always been a neighborhood that provides affordable housing for the lower income community. This project would force many families to relocate during a pandemic which is inhumane and cruel
Bailey Brown	90026	Not affordable/colonizing/unwelcoming design/not asked for by the community.
Camila Pernisco	91801	Lincoln Heights is a culturally significant neighborhood that deserves to be appreciated & lived in by its current inhabitants, never gentrifiers who'll displace those who have worked hard to achieve their American dream.
Diana	93304	"Lincoln Heights is the oldest most historically diverse neighborhood in LA and residents have had to endure generations of racial inequity." just more powerful white people taking from POC running them outta their home so these "important" people can built their stupid complex, it must end and ikr must END NOW
Jorge Hernandez	90023	There's no need to build something that isn't needed especially when it will effect many in the Lincoln community. There was never a hearing or even an attempt to ask those in the community if they agreed or opposed to this "project".
Brazyl Thompson	95336	As someone who goes to school in Pasadena, and struggled and still struggled to find DECENT housing in a city so unnecessarily expensive even in terms of nearby food on all blocks, there really is no need to keep building faux luxury apartments that will only cause the housing rates and nearby shops, stores, groceries, schools (like I said, I currently attend a school in Pasadena) to go up. What Pasadena DOES need is accessibility to more affordable spaces: Food, parks, even street traffic. Because Pasadena is being morphed into a "business-tourist" town, the traffic has always been horrible, the jobs in the area don't pay enough for decent housing, and even gyms/parking garages in Pasadena are overpriced. These luxury apartments will cause everything to skyrocket due to inflation and influx of "business people", also it's very clear that an apartment complex with that many units is bound to have many flaws and unnecessary problems for a very high price. I struggled finding housing out in Pasadena, and upon returning to finish out my education, I will not be stationing myself in an area that is clearly taking advantage of people who actually need to be in this town, or have already been living in this town. On top of that, we need more AFFORDABLE HOUSES and neighborhoods. NOT more duplexes, condos, townhouses and apartment-mall complexes. Especially when there's no parking available anywhere. Pasadena already isn't great in terms of accessibility and affordability. There are already empty units/rooms all over this town that no one is living in due to it not being affordable. Fill those rooms/units first instead of the solution being to build more luxury apartment complexes. The solution should be to raise the wages and lower the rent.
Amanda Rojas	90032	Lincoln Heights is a beautiful community that is being threatened by this project. It will erase the culture and hurt its members in so many ways.
Anthony Zavala	90042	The rapid pace of market rate and luxury housing developments threatens the sustainability of the community of Lincoln Heights, especially during such a critical time. No one is against the development of more housing in Los Angeles but if there is no concerted effort to build housing that is AFFORDABLE, then you create a process of displacement for profit.
Grace Rosenman	91206	Let people continue to live lives in their homes please.
James Aguila	90032	lifelong residents will be permanenty displaced or homeless.
Julia Peters	91104	It's gentrification pure and simple. I have friends who grew up/still live in the community and I know developments like these negatively impact them.
Jacob kaiser	94133	Historical preservation. People won't want to visit the us when every prince of history is erased in the name of profits.
Michelle	90063	Gentrification is affecting our under serving communities!
Alvaro Parra	90031	This project will endanger the current residents renting in 90031 by setting a precedent towards unsustainable housing development and rent raising. We don't want luxury apartments to start a trend in Lincoln Heights of building monstrosities that few people in this zip code can actually afford.
Juliana Barbera	90046	
Ashley	90002	
Michelle Chin	90065	Why do we need more ugly luxury housing? What's wrong with building affordable housing for people who are already in the neighborhood?
Tanya Alvidrez	90031	Displacement of the people of lincoln heights
Annie Hawkins	97703	
Augie Calabro	90026	it will negatively affect the community and displace a lot of people who have lived here for generations
Alyssa Flores	90032	I don't want to see this neighborhood become gentrified and replace my brown brothers and sisters along with all the other communities living within lincoln heights.
Ashley Moran	90032	I have friends whose familles have lived in Lincoln Heights all for generations. I myself frequently shop and eat at the restaurants there. This development is going to do nothing for the existing community, but push them out. This development will kill the exisiting community and culture and push them. If you allow this happen, you prove to everyone that you care more about profits than you do the well-being of real live people.
Melissa Zamora	90032	Gentrification is oppression . This project needs to be thoroughly reviewed given the recently uncovered corruption in our local government .
Yesenia	90033	We demand a meeting !!

Sky Avery	90065	This project will indeed be a direct threat to residents around the area who have not consented to this. I do not consent the building of this development in my community.
Cameron Kessler	93001	
Megan Carabine	90942	Gentrification issues and will create indirect financial hardships for the families who have lived there for decades
Annie Brennen	90023	It displaces members of the community who are already there and won't be able to survive or afford the gentrification.
Hellen Jo	90042	No one in Lincoln Heights asked for luxury development. All of NE Los Angeles is in dire need of *affordable* housing, not fast-tracked back room deals made to line developer and politician pockets, while expediting gentrification at the cost of the everyone else!!
Orlando Almader	90031	
Jenny P.	90031	I oppose the project because it's unlawful and there wasn't any consent from the community given.
Jason Lee	91206	Given the amount of corruption in city hall, with two councilmembers caught in pay for play scandals in the past few years, and given the crisis of affordable housing in this city, we cannot let developers continue to raze entire neighborhoods in this fashion for the benefit of only themselves and the councilmembers they are paying off, at the expense of the past, present and future residents of the neighborhood.
Jorge Trujillo	90042	Luxury apartment units do not benefit the community of Lincoln Heights in any way whatsoever. The construction of this project will actually harm residents who have been living in this neighborhood for years and decades as it will drive up living costs in the area to exorbitant amounts that the majority of residents cannot afford. This will also draw new residents who can afford these more expensive living costs thus driving out the current residents. The luxury apartments cannot be constructed under any circumstances if the well-being of the current residents of Lincoln Heights are actually being considered.
Alexa	90031	It's kicking people out of the community it raises prices and claim to better the community by getting rid of the low income people of the community
isabelle pinto	90032	fuck gentrification!
Tatiana	90031	This project erases the history and the community that's been there for years.
Diana Diaz	90011	Im myself am LA resident and undergoing through eviction due to gentrification and seeing culture being erased and natives being removed from their homes, is totally unfair. We need our voices to be heard.
Cheyanne	90032	I live close to this area and it seems as if it pushing out a lot of people who lived here for a long time.
Rita Franco	92801	If it isn't affordable housing then what's the point? Help the people not push them out. Why do we need to allow another out of state company take over and make property in a place it's not needed. I'm outraged, make it stop, my friends and family do not need to be pushed out.
John	90031	...
Juliana McCullen	90045	It will cause affordable housing to go out the window and displace an entire community of people. This is gentrification at its most blatant, and it's unacceptable and disgusting that developments like this still happen without any regard for the people that already live in these communities.
Jocelyn Andrade	90031	Our home deserves to stay a home!
Brendan Nafarrate	90065	This project will further displace residents of Lincoln Heights and continue gentrifying this Latinx working class neighborhood. At this time when the nation is facing an unprecedented amount of evictions and a housing crisis this project will further exacerbate the existing crisis in Los Angeles. Furthermore, it would of be surprising to find out Gil Cedillo Is as corrupt as Jose Huizar and is likely being paid off to allow this project to continue.
Ilana KoZlov	90036	This will increase the amount of evictions in the neighborhood and I oppose that and will bring in gentrifying businesses that will hurt the micro economy of the neighborhood
Lila Funge	90039	
roger garciS	90031	Will displace many community members
Lesly Martinez	90031	
Eduardo Peralta	91773	
adriana	90015	Dtla has enough apartments. Go put them there stay away from our neighborhood
Jessica Campos	90250	
Dava	90043	there needs to be more low income housing, NOT LUXURY
Lee Atkinson	10573	it is malicious to insert high rent housing into a lower income area.
Christine Huang	90031	
Zitlali	94555	
Germain	90031	Going to attract more tourists and they will want to move here and that will raise the rent.
Chloe Alvarez	90012	These luxury apartments will increase gentrification in Lincoln Heights. It will harm businesses and has the chance to erase a historical community, that is Lincoln Heights.
Andrew Quintanilla	90033	The project will negatively impact the people of Lincoln Heights in many ways.

Sam perez	90042	It displaces people
Geronimo Flores	90031	Ugly too many buildings not enough affordable housing
Naui Munoz	90032	Because I do not agree with the construction of apartments that will benefit affluent and predominantly white people / displace and push out the working class perdominantly POC community that have resided in those areas for generations. POCs are already disadvantaged economically, educationally, and systematically and deserve to live without the threat of being displaced from their homes simply because of the fact that they have less income.
Alex Fofonoff	90031	I oppose this gentrification, the displacement of longtime residents, and the destruction of neighborhoods
Iris Valera	90031	I oppose of this project, because once they start building the "luxury" apartments, rent will go up, and the people who have been here they're whole lives, will have to be forced out of they're homes because they will no longer afford to live here! STOP THE PROJECT (Fuck gentrification)
Daniel Calderon	90042	I am against gentrification
Jennifer	90033	I oppose the project because it relocates people who have lived their for ages and makes fun for upper middle class which also happens to mainly white people.
Gladys Lopez	91731	I oppose this project because I believe that by building these apartments there could be a start of gentrification. This will lead to many Lincoln height natives to have no choice but to leave their home due to an rent inflation.
Elaine Chang	90031	
Lily Noyes	90036	The money spent making this new, extremely unnecessary development should be going torwards direct action to help the existing community. If Lincoln Heights gets gentrified, the existing community will face losing their home.
Vanessa	90041	Some people can’t afford these condos it will only create a even more populated area. With more condos equals more traffic around us. The people who will afford to rent these condos will be people with money. These hard working people will be pushed to other areas of work. And slowly like most of La it will just be filled with these apartments
Olivia Barrett	90028	It will lead to displacement and prioritizes corporate profit over housing justice
Kathy Osegueda	90031	I oppose the project because you’d be leaving my friends and neighbors without their homes. You’d be forcing them to relocate, when this has been their neighborhood forever. It’s not fair.
Ivy Marks	90042	We don’t need any more developments like this! Gentrification is violence!
Nuong Tran	90023	It will displace a lot of low income families
Julia	55343	This will hurt a community
Gabriela	90032	We don’t need these developments that aren’t affordable and push out lower income families
Thomas	90746	Gentrification
Jenny Lee	90026	I'm tired of low-income communities being affected by housing. We need rent control and affordable housing, not more housing for the rich or middle class.
Abbi	93405	
Liz Fieschko	90029	Community decisions must include the community that lives there!
Andrea Galan	90031	
Jasmyn Lemus	92011	Against Gentrification
Maya Rosado	90031	fuck gentrification
Corina Lash	91030	I am against gentrification
Adrian Contreras	90042	I don’t believe building this luxury apartment is the solution to affordable housing in Los Angeles. But most importantly to not displace it’s current residents, who would be affected by this decision to construct this project.
Cameron Masters	91506	It’s gentrification and is possibly funded and approved in a corrupt and untransparent manner
Michelle	90032	I can’t afford an apartment in the hood I grew up in. Gentrifiers need to stay out of our community. All they bring is a higher cost of living. LEAVE US ALONE.
Saul Munoz	91406	Save avenue 34
Joseph Waggoner	90026	Doesn’t provide affordable housing
Chloe ricks	90808	I oppose all projects that enforce the gentrification and displacement of members within the community.
Francisco	90033	Our community is united
Franco betancourt	90031	It remove a lot of the neighborhood history as well as living a lot of low income families with out a homes
Dakota Booher	91351	
Matthew	91103	gentrification is bad
Abraham Machuca	90031	It pushes my friends and neighbors out of their homes without any aid or input
Analuisa Alvarez	90031	

Areeba Zahid	90044	unsustainable, expensive, eyesore
Gianna Bermeo	90041	NO TO LUXURY APARTMENTS. INVEST IN LINCOLN HEIGHTS LOCALLY
Willow	91702	The building would displace a community that is already struggling
Danielle trejo	91331	It will raise the rent and put the community in jeopardy
Frances Freeman	90034	Because it puts the current community in danger.
Martha Sanchez	90063	Its unfair to the real and vulnerable surrounding communities!
Byron Arreola	90042	Gentrification is cultural erasure.
Amy Hoang	90031	It's nice to see the community change but, we want to be beautiful in our own way. Since there are many working-class, low-income families in our neighborhood, we are not ready to see Lincoln Heights take action without hearing the voices of the people. Also, gentrifying will increase the homeless population, especially since Los Angeles has one of the largest populations of homelessness.
Rosie	90016	Because I care
Olivia	90027	
David Cruz Terrazas	90031	It could negatively impact the current residents of our neighborhood. Majority of the residents are low-working class. New housing projects are going to be priced at market value which many residents will not be able to afford that. Lincoln Heights is antique and important asset in the history of Los Angeles, one of the oldest as well. For that reason many homes are subject to rent control. Market valued homes attract a different class group and gradually there will be less lower-working class residents. And there simply isn't any aid for them.
Paulina	90032	
Renata Rodriguez	91733	This project is harmful to the community as it will continue to spike the problems of gentrification
Esther Gomez	91342	It is unfair to force people out of their homes just to build a new model and raise up the rent This should be stopped and allow the people that already live in the building to stay where they call home and don't have to look for new places in a short period of time
Amoura Gonzalez	90004	Fuck gentrification
Jesse Gonzalez	91706	I am sick of the displacement of brown people within that community.
Aya Newman	94703	Gentrification is violence.
Isabella Juarez	90031	Will kick our current tenants raise prices of homes kick out culture we have in lincoln heights
Toni Gallardo	90005	He is corrupt! and 86% unaffordable this is not what the community is wants. he is corrupt and therefore those projects should be under investigation or on hold until the people can speak to city officials who are not biased or getting paid off.
Gadiel	90031	Gentrification
Annie Lin	90027	
Joy Yukumoto		
Pamela Garcia	90031	I oppose to this project because gentrification will come to place and this will hurt our community, it destroys the community history, and culture. LA living has become extremely expensive rent will skyrock and demand people that have lived in Lincoln heights for many generations move out. As a high-school graduate from Abraham Lincoln and college graduate. I find having difficulties to find a place to live here in Lincoln heights where I grew up and not be able to contribute or give back to my community.
Aketzachialli Lopez	90042	I oppose gentrification.
Amanda Flores	90660	Gentrification
Julian Izaguirre		
Fernando Hernandez	90032	Accommodating affluent neighbors while forgetting the entire community seems like a major disconnect between community members and who actually resides in LH
Isabel Gallegos	90063	When hundreds are suffering due to the covid pandemic and already struggling to pay bills and rent why is another large apartment being built that will be inaccessible to the very people who live in that community? Hundreds will be displaced directly or indirectly in years to come by this construction.
Agustín McCord	90029	I visited a friend at ave 32 and Pasadena the other day at dusk. I admired the unity of the community, strength of relationships of neighbors who walked among each other familiar and greeted each other from their front yards. The corner market was a meeting point. I felt the authenticity. The neighborhood will be destroyed by these condos if we don't speak up now. Please preserve the integrity of Lincoln heights!
Gabriel Salvatierra	90029	Luxury developments should be outlawed entirely
Hope stutzman	90034	If you are elected as a representative of your community you must serve that community. There is no way luxury housing should be permitted when you have residents who are unhoused or housing insecure. It is our representatives job to serve the people, not profit.
Ashley Palma	90006	

Arom Choi	90032	Lincolm Heights is one of the oldest neighborhood in LA with diverse communities. Don't want this project to ruin any people's lives who's been keeping Lincoln Heights beautiful. People over profit. Always.
Lauren Lauer	91362	It will displace many low income renters that are already apart of the community.
Jorgie Tlāchia Inin Ilhuicāc	90063	The displacement of Black and Brown people in historically POC neighborhoods (and traditionally Tongva unceded territories) by gentrification continues the cycle of uprooting said POC people, further removing and displacing them, as well as continues the cycle of genocide on Black and Brown and Black and Brown Indigenous bodies by means of gentrification. Implementing "luxury apartments" in POC communities will continue to put POC lives in danger, not to mention allowing the contuation and perpetuation of modern day manifest destiny.
Harper McCallie	91030	
Arleth Tomas	90004	
Roxy Wills	90004	
phoebe		
Benjamin Phillips	90012	Out of scale and insensitive to cultural dynamics of historic community
Charlotte lethbridge	90026	It will destroy the community
joana chaichang azterbaum	91104	bc we need affordable communally owned housing that meet our needs, not profit driven condos that lie predatory and vacant during a housing crisis and pandemic
Briana Lara	90032	Because it pushes out the current class that lives here
Jennifer Solares	90012	Gentrification is going to drive people of this community out. Families have been in this part of Los Angeles for generations and this is only going to drive up prices and drive families out of Lincoln Heights. Protect this community and the roots they have founded here.
Antonio	90031	Yes
Gabby Espina	90033	
Brianna Cruz	91776	
Leah Clancy	90042	My neighbors deserve better. This building would destroy the community. It is shameful.
vesta javaheri	91030	
Matiana Parra	90031	We need affordable housing for the community that lives in Lincoln Heights and need to protect renters rights.
Bianca juarez	90031	this is going to gentrify the whole community. My family has been here since the 90s and this project will erase all the culture we have in this community!!! This will cause property value to raise causing more and more displacement and homelessness.
Natalie Christine Saenz	90032	Because I’m tired of seeing the places I’ve grown up going to and seeing being erased :(tired of the gentrification
Arthur G Lopez	90032	Cause I’m tired of seeing communities being gentrified...
Alison	90065	This is yet another act of violence against marginalized people. We do not need another gentrified, white-washed neighborhood in LA.
Mackenzie Ferro	91801	There kicking out the people who built the city there trying to get rid of the middle/lower class!!!
Lili Peper	90026	Because it is going to destroy the neighborhood.
sage perez	90033	it is bad for community. Fuck their fancy gentrifier apartments.
Karla Esquivel	90031	We should use the money to help the homeless and to build homes for the less fortunate.
Xochitl Anceno	94931	I don’t support gentrification
Ashley	90065	we didn’t ask for it!
Debie	90031	It will ultimately cause for rent to increase meaning many families won’t be able to keep up with the rent; therefore, they would lose their homes.
Brandon Bonilla	90004	It will displace working class people of color
Nelly Sepulveda	90031	We can’t afford more evictions
Melah	90018	It’s not okay to do something that will directly impact the community without first discussing it with the community.
Denisse Ojeda	90031	gentrification!!
Elora	91208	I grew up in cypress park on Isabel St and Maceo. I was forced to move out of the home my family had lived in for 3 generations because of gentrification like luxury apartments. Luxury apartments only hurt low income communities. They have already turned Highland park into a place I don’t recognize and uprooted so many families. Don’t let them do it to Lincoln Heights too.
Daniela	91343	No to gentrification !
Lisabeth collins	90029	Los angeles in the midst of a housing and eviction crisis does NOT need more luxury housing, the city is GLUTTONOUS w luxury housing
Joseph Rihn	90042	We need affordable housing NOT luxury housing.

Caitlin Wylde	90026	No more useless high cost ugly condos and housing units when low income housing is so desperately needed esp during COVID
Rita Del Cid	90004	Lincoln Heights is the first district in Los Angeles. We need to preserve the history of our city and stop gentrification. We need to protect our friends, families and our local businesses. Making new buildings that will raise rent and property in the neighborhood will only destroy the families, friends and businesses that have been living there for years, even generations. We need to value our residents and respect what they have built and preserved.
Michelle Schimek	90027	As residents of the community we DEMAND this not be built. NO ONE SHOULD BE DISPLACED for this.
Sam Torres	90255	Gentrification is violence ,the preservation of culture is important ,people shouldn't be ripped of their homes
Malia	91605	
Brittany Pires	90038	No more big developments. No more gentrification. No more luxury apartments when we have a deadly housing issue. Stop pushing out families. Stop eliminating integral LA communities. Stop targeting BIPOC. Fuck your sky rise. Fuck👏🏽money 👏🏽hungry 👏🏽white 👏🏽superiority👏🏽 Tiny dick havin , good for nothing, can't access a mental competency to save his ass RACIST BASTARDS
Justine Bernacet	90042	We don't need our people to be pushed out of their homes to make room for only those who can profit and make wealth off of the community we built.
Brandon Olmos	91732	Bc you didn't ask.
Flynn Namala	90008	
Malik Gay-Bañuelos	90031	Gentrification threatens those who have lived in this community for generations. The rise in rent has forced many out of this place that we love so much. The community deserves to be heard regarding such a large community development.
Mia Shlakman	90266	Gentrification is garbage!
Ava Balise-zsarko		
Dahma	90033	Luxury apts put low income and immigrant community members at risk of being displaced. This project is a step toward gentrification which hurts communities of color, and low income communities during the pandemic when it is crucial to stay at home and when many are struggling financially.
Andrea Suarez	95403	I am opposed to the gentrification of a neighborhood that has been populated by people of color for years. This development would have devastating impacts on the community. They were never included in the conversation and they deserve to have a say with what happens in their own neighborhood.
Andrew Vasquez		This will facilitate displacement of viler able community members
Kelly Daugherty	92026	That's a culture you shouldn't take
Camille Derouin	90068	It's bullshit
Marc	90746	This is so wrong and gentrification should be abolished. This is pure evil
Joshua Morales	90018	The current residents and communities will be dealt the short end of the stick.
Kris	90031	
Esmeralda	90032	Gentrification
Annie Pendergrast	90042	Gentrification
Gladys vaca	90031	We need housing for the hard working people of this community. Not housing for foreigners
Georgia	90041	gentrification further displaces marginalized groups in a city where extreme homelessness already booms. rich white folk do not need more luxury apartments. This city is already riddled with far too many fancy high rises to take over lincoln heights as well.
Diemmi	90012	This neighborhood is home to hundreds of low income residents. No one wants luxury apartments to raise the prices of the whole neighborhood and potential spike rents. Opposing gentrification.
Paul mccaffrey	90031	To Stop luxury housing, gentrification and displacement.
teri newman	90006	bc gentrification is bad and ppl's homes are at stake
Blanca Moreno	90063	Over crowding and its home to many Latinos
Veronica Morataya	90031	
Tom Park	90020	Displacement of current occupants
Fernanda	90033	Corruption
cuahutemoc tapia	90018	communities should be left to the communities. gentrification is a crime and should be curbed at least and reversed at best.
Lisset Silva	90810	It's not beneficial and will harm those in the community more.
Anna Flores	90063	This project will displace Latinos in the community by increasing rents and evicting people from their homes.
Natalie Ramirez	91342	This project will leave people the people have lived here in the streets.

Stella s	90068	It’s oppressive and ugly
Maxwell laurance	95062	
Olivia crawford	90031	Gentrification will push residents out of this beautiful city and destroy the community
Francesca		I want Lincoln heights to maintain it’s community. Building this new unit would jeopardize individuals in Lincoln Heights.
Liza	90031	
Ramona Gomez	90006	Gentrication/ Housing in affordability
Paula Peng	90034	We do not need ANY MORE LUXURY DEVELOPMENTS DISPLACING COMMUNITIES IN LA. The gentrification stops with US!
Gerardo Navarro	90063	I grew up in Lincoln Heights (209 S. Avenue 19), me and my family were practically forced out by the owner raising the price of the rent and we could no longer afford it. We ended up moving to the neighboring town, Boyle heights, I would not want any other Lincoln Heights residents to be a victim of gentrification so I do not support this. It does not surprise me that Gil Cedillo did this, he’s the same person who got a half a million grant to pay police officers to walk the streets of highland park because people would write “Fuck Gentrification”. His gentrifyers felt threatened so they made sure to put police to threaten its native residents.
Andrew Rodriguez	90032	
Sasha Fuentes	90029	Gentrification is the worst!
Jazlyn	90012	Gentrification is the worst thing to happen to our diverse communities.
Becky Diep	90031	My community should not be gentrified.
Clarisse Lopez	90041	projects such as these price out the long-standing communities within the area
Rozzie	90745	Stop gentrifying neighborhoods
Jaylin Erath	90017	Gentrification ruins lives
Andrew B	90031	Gentrification has already taken parts of Highland Park, Boyle Heights and other Latino communities. The transplants who come here are mostly white invaders who have harassed my community by calling the police on us, threatening us in the streets and otherwise shutting down true expressions of our culture while taking what they perceive to be the best parts for themselves.
Jose Luis Herrera	90031	Lincoln Heights is a low-income community with a homelessness problem that the city needs to put their attention to. Housing is already commodified, even though it should be an accessible human right to everyone, and luxury housing is Lincoln Heights is a slap in the face to those already struggling with housing situations and making ends meet.
veda faust	11121	
Maryann Vasquez	90065	To Stop gentrification
Madeline Lough	90031	Lincoln heights is a beautiful community and it needs to be preserved! This development will only serve to displace the people that make the community what it is.
Meredith Hamilton	90042	It is disgusting that LA's city hall is actively participating in the displacement of lower income people by bypassing their community led councils. The endgame of which, is the erasure and replacement of culture, history, and community, with a gentrified playground for the wealthy.
karsen	91506	blatant gentrification that will cause erosion of culture and people who live here.
Isabella Rios	91107	No to gentrification, no to displacement. Stand with residents and the community over corporate interests.
Alynda Garcia	90032	Don’t Gentrify Lincoln Heights
Diana		please no.
Vivi	90012	it would disturb the community and end up contributing to displacement and be an eyesore
Evelyn Vasquez		
Meaghan Mullaney	90042	It would ruin the integrity and charm of the neighborhood
Daniel Estrada	90032	It’s simply not right that families are getting pushed out of neighborhoods they’ve been in for years, to bring in people who don’t care about the displacement. Voices need to be heard
Daniela	93117	An existing community should not be pushed out of their neighborhood due to an increase in rent that clearly they cannot afford.
mirza	90022	Gentrification isn’t right. The working class can’t handle this, especially during this pandemic.
Paola Santos	90031	Noone in our community will be able to afford this. We do not want this to be like highland Park.!!!!
Minerva Camargo	90031	This will only serve in displacing me and my mother .
Carmen	90020	We cannot keep pushing out homeless / lower income housing. LA already has a massive homeless population and the demolishing of this building will only contribute to a problem that we have not yet even begun to solve.

Mike carillo	91201	
Adam Corona	90065	The fact that the community has no say in the matter, and the fact that the evictions and displacement is taking place at such a high rate is wrong. Let the people who live in the community have a voice.
Nikole Morales	90026	This project will and is the first of many to come that will continue to displace the people of Lincoln Heights. The median household income is below 30k, this project will invite those who are way above that income threshold further displacing the very people that make up that community, which would eventually lead to the bigger issue of homelessness and poverty in the greater LA area.
Brianna Henriquez	91204	Gentrification effects the community, families will have to move out due to rent increase, families will have to face homelessness which is already effecting families in neighborhoods that have been already gentrified, erasing culture and communities that have been apart for many many years.
Yahtil	90242	
Amelia	90065	
Scott Hodges		It would be bad for the community.
Keko Jackson	90033	Let the community talk and down with the development and displacement
Beatriz	90004	Because it's wrong
Carina amador	92104	
cynthia	90031	We have enough gentrification in our neighborhood. We should be focusing on what serves the community, not how it can be exploited for money.
Annette	90031	I don’t agree with displacement of families.
Gabriel Morales	90031	People in my community are being pushed out, and I grew up on this street.
Roger Hallaway	90019	The city of Los Angeles does not need more luxury housing. It needs more affordable housing for the everyday people who actually live and work within the city.
rebeca	95116	
kathleen c	91343	I am against gentrification.
Erick	90031	I am someone who has been displaced because of gentrification. My family went from paying $800/month in a house I lived in for 21 years in Lincoln Heights to paying more than double ($1,800) for a house in Lincoln heights. ENOUGH IS ENOUGH.
Arlene Rivera	90042	We need affordable housing for all. Not just for the rich.
Lizeth Ruiz	90031	This project will displace countless people and contribute to the problem of homelessness.
Isabel	90033	
Diana Choi	90020	get these fucking luxury developers out of LA, they’re gentrifying colonizers
Leslie	90031	I oppose this project because I live in lincoln heights & I know the struggle of paying bills like rent for families of poc. My own family struggles with our $1,000 rent. This project will most likely kick many families out of their homes because of the rent raise. Its not fair that white people just place ‘Luxury’ whatever, wherever they want because they feel like it. Its selfish because they clearly didnt think of the people who live in that area. This is a home to many families who will find it hard to live anywhere else. If I was placed in that situation, I’d want people to take notice and sign this petition as well as Im doing.
Jose Perez	90022	No to gentrification
Abrielle Stedman	90041	Let’s maintain the current culture in the neighborhood.
Vanessa	90031	I have lived here in Lincoln Heights since 1995! I want this neighborhood to stay affordable and not be dislocated.
Melinda Parker	90065	It’s nonsense!!! We do not need that big of a complex anywhere in this city...
Devin	91601	The input of the locals wasn’t considered. This construction is paving the way for more gentrification 🤦🏽‍♀️
Katarina Gleicher	90042	It does not reflect what the people want
Anthony Garcia	90031	Low income families losing their homes or ability to rent. Creating more homelessness in our city that is already enduring a health and financial pandemic.
Katherine Grace Wall	90042	This is gentrification, pushing out a cultural center in LA for characterless apartments that will only be affordable for the rich to move in.
Jessica Espinoza	90032	Fix the homeless problem in our communities before building new luxury structures
Frank Vasquez	90065	We don't need luxury. We need 100% affordable housing for low income resident that are already in Lincoln heights
Jackie Villaseñor	91790	I don’t want to see the neighborhood where I grew up, taken over by gentrification. We cannot let another city with so much culture be taken over with apartments that are not suitable for people that make up the working class of this city.
Kai Schelly	90065	To protect the community
Brenda	90032	We love our community and diversity.

Matthew Padilla	87124	Yes
Morgan Purcell	90032	Gentrification is a direct threat to the working class and minorities in the community
Lupita Gonzalez	90031	Gentrification
Lizbeth Meza	90031	taking away community of lincoln heights
Samuel smith	90039	It’s gentrification at its finest.
Priscilla v	90065	Lincoln height didn’t approve this
Isabella Tong	92620	This directly negatively impacts residents and created illegal evictions, inflated prices, etc. It is a cultural genocide on the working class community of Lincoln Heights. Furthermore, the public was not informed of these developmental decisions, making it unarguably politically corrupt.
Ana	90031	I have lived here my whole life my mom grew up here I grew up here. I love Lincoln heights. The control rent is necessary for the Latin community here. Building this horrible building will bring outsiders to Lincoln heights driving the community away. They’ll be coming to an “up and coming” community looking for the culture but the culture will be gone. It’ll turn into another white washed community. With this being built rent will sky rocket everyone will leave and Lincoln heights will be lost. There’s no need to fix what’s not broken and trying to turn Lincoln heights into highland park and echo park will surely break it.
Carolyn Fernandez	90031	I oppose this project for the sake of the community, the space being taken from residents whom have built lives in our neighborhood and making this neighborhood beautiful and full of its charming nature. This new development would suck the beauty out of this neighborhood and become a Tyrant to the people whom work hard to stay here in OUR neighborhood which is made up of our roots. You will not take what’s left of our community.
Lucia Lopez	90031	I oppose this project because this is a low income community and it needs more community resources not expensive housing.
Juan Nolasco	90065	
Nicole Ramirez	90065	There is no purpose for housing in this area.
joseph grasso	90005	i am a believer in the rights of humans to live where they were raised. where they feel they belong
Emelyne Camacho	90042	These apartment complexes do not provide help for the communities that live around it. It is counterproductive in the idea that low income communities need more resources (the city of LA loves to show off how much they assist low income communities. This is a perfect example of gentrification, it pushes certain income and racial groups. I live in Highland park and went to school in boyle heights, I do not want this in my community. I dont want my community to suffer any longer.
luis leon	90032	Well for one rents will raise up making low income residents leave and all these business workers care about is money than other people's families. These families will have to move and make new friends, new jobs and for what? Dumb residential areas? No, we the people from Lincoln Heights demand this to STOP
Nathalie Zamora	91755	
Mallory	90032	Lincoln heights is a place of history and families, not for generification
Kristina Montecino	90042	Fuck Gentrification. Gil Cedillo’s dream is to gentrify the places we have left. I live in Highland Park. I know it too well.
Joel Montejo	90031	It unfairly displaces the Black/Latinx residents in Lincoln Heights who face the pressure of such projects through increased rent, discrimination, etc.
Cesar M Navarro	91107	Lincoln Heights is home to family and friends who have been a part of the community for decades.. this project along side with many like this displace my people; many of them who have contributed so much for their families and the greater Los Angeles. These luxury suites have no business being in the community. It's inconsiderate and unfair to not only me, but to many many people who born and raised here.. we may be socially distant, but locally we are united.
Mitchell Valine	91001	I do not live in Lincoln Heights, but I don't like gentrification. This has to be stopped.
Jesse Marinero	90731	Gentrification is cultural erasure
Nathaly	92570	Its where my mom went to school
Nicole	90017	This project will not only raise rent, but it will not be affordable enough for the community that currently resides in Lincoln Park, thus erasing the community. Gentrification is direct violence to lower income families and families of color.
Gabrielle	90062	The people who are raised here and call it home deserve to keep their home
Valeria Villela	90031	
Minu jun	90042	LA needs more affordable housing and spaces for those affected by covid. Not apartments that’ll further gentrify Lincoln heights and cater only to the wealthy!
Natalie monge	90031	Gentrification
Zoe	96067	Because it will effect the people
Anonymous	N/a	This project should never be part of Lincoln Heights. This building may bring up tourists or luxurious people to bring in more of a unhealthy environment. Plus, most of us won’t be able to afford the pricing for a one night stay at this ridiculous building. This building is out of place, comparing our neighborhoods to that one luxury building felt as if we were forgotten, left out, we as a community were driven out because of that building.
Génesis Nam	90004	

Alexander Villasenor	90031	Lincoln Heights need affordable housing. Not luxury condos that the community cannot afford.
Crystal Gamboa	90031	
Zelideth Padilla	90670	Stop gentrifying our cities and displacing communities vulnerable to erasure.
Mia	95403	This is gentrification. You are displacing people from their homes and attacking those in the area by building LUXURY apartments in a middle to low class area without community input. Stop criminalizing the poor. This is OUR home.
Aylin	90026	I oppose because displacement of people of color is not right. People deserve the place they have been living for in years. I live in Echo Park and have seen this happen. Do not let it spread more please.
Linda	90031	It increases cost of living!!!
Karla Vega	90042	Gentrification is forcing families to leave the cities they grew up in and it's not okay. Their families built this city and shouldn't be forced out bc LA is the new trendy hot spot, let those people stay in West Hollywood.
Rachel Rosales	92881	You're taking away one of the greatest things that makes LA so unique and beautiful; which is it's rich diversity of people of different backgrounds that are willing to welcome you with open arms.
Alfonso Meza	90032	Because this is a classic case of gentrification, rents in the area will skyrocket and will push out families that have lived their whole lives in the Lincoln heights community.
Mike T	90031	It will cause displacement of the people here
Justin W	90032	Gentrifying developments do not support or invest in communities.
Jocelyn	91306	Bad
Carlos C Tejeda	90031	I have serious concerns that the project may have been pushed due to corrupt back door deals and not due to the best interest of the residents of Lincoln Heights or Angelenos at large.
Connor Johnson	91207	Gentrification is wrong and evil.
Kristi case	90057	Stop Displacing Local communities and gentrifying for your profit and stripping our city of any culture
Celine Merino	90038	Gentrification has been tearing up LA communities for far too long. The people's voices matter and when they stop, listen.
Nicole Ice	91206	
Sam	92651	For families's homes
Sarah Ginsburg	90039	Lincoln Heights is one of the most special neighborhoods Los Angeles has and this is because it hasn't gentrified as fast as other neighborhoods like Echo Park and Silver Lake. But a development like this would change everything and bring in a bunch of people that would not contribute to the neighborhood in a positive way or care at all about preserving the beauty that is there.
Morgan Marshall	90002	We must keep our communities safe from. Building units like these raise rent and gentrify black communities.
Lex Darco	90027	Housing is a human right!
Emily	90650	It's contributing to gentrification, which its impact can be extremely negative.
Margarita	90031	It doesn't represent/benefit our community
Danielle Franco	90063	I hate gentrification.
Angelina	90026	I don't like
damon	91205	It doesn't seem motivated by the community. It would be disturbing the peace; ironically becoming the eye sore because certain people want to monetize a view.
Jade Muslar	91104	I'm a resident of Pasadena and don't think it's a good move for the community. Many people here are also students and it's hard enough to find affordable housing close to campus
Matthew Ribarich	90031	There's been no public accountability or input into this project, it threatens the lives and homes of everyone in Lincoln Heights, in a time when evictions are skyrocketing and everyone is out of work it's unfathomable that we'd be allowing luxury condos to be built instead of keeping people housed and focusing on bolstering the neighborhood and it's residents. This project is not compatible with a continued quality of life for current Lincoln Heights residents. We say no to development and rich developers buying their way into doing whatever they want with no public accountability. .
Alan ortiz	90031	I oppose this project because these Caucasian's and Asians move in and think they big shot and start thinkin this they area now and they give the rules like no and we can't do nun because if shi cracks they winning cause of money
Juan	91732	I oppose this project because we as a community in the Northeast Los Angeles had no say in this projects construction and the people developing did not even have the enough respect for our community to even open up a dialogue and I believe transparency is what we need in times like these. We as the people of the community have seen many of these types of project displace and gentrify our people and make living in our community impossible. We demand to meet with the people of this project and to speak with any other person called for on this petition. I'm not asking.
Brianna Doria	90032	Put a stop to gentrification.
Jonathan adame	90063	Fuck the city council members for allowing this gentrification to continue. Build something we need , not 400+ apartments we can't fucking afford.
Matthew Rodriguez	90031	I want to help my community even more.

Talib Mudiwa	90019	Unethical
Joe Gamache	90039	I oppose this project because it will rip apart the social fabric of the Lincoln Heights. This is an act of violence against some of the most vulnerable members of the community by greedy developers, and the property-owning capitalist class they serve, and they cannot be allowed to get away with it.
Mercy Solorzano	91801	Gentrification is not ok. Driving out low income families mostly of color for profit shouldn't be the answer. These communities have been the home for many POC specially Latinx and Asian Americans.
Javaun Crane-Bonnell	90042	Gentrification with luxury apartments erases the history of the neighborhood and pushes lifetime residents out. It is the last thing that the community needs. There needs to be more affordable housing, not more exclusive housing.
Melissa cortez	93550	Its Gentrification
Bianca	92804	This is a threat to the city and the community. Building luxury apartments in a neighborhood where people value community more than amenities wouldn't add any value to the producer, consumer and the Lincoln heights natives.
kimberly moulic	90041	because we don't need any more WHITE men moving into our land. disgusting. you could've funded something else like creating shelter for homeless but this??? wow.
Hannah Kang	53511	I condemn the gentrification and displacement of a POC neighborhood.
tom	10002	i'm sick of developers and greedy politicians displacing communities and ruining lives. community > capital.
Andrew Tulin	91801	
Andrew Patton	95112	Gentrification forces poverty. People can't afford rent as is
Diego	90031	
Lucero Tolentino	90042	Despite the fact there is so much gentrification going on, the people who live near will get kicked out equals homelesness
Andrew Emard	90065	lincoln heights / LA doesn't need more "luxury" apartments that can sit empty for months or years while thousands live on the brink of losing their housing / are forced onto the street bc of a developer manufactured housing shortage
Jaqueline Espinosa	90065	I oppose this project because the city should be providing affordable housing and not luxury apartments for the upper class or drawing attention to upper class.
Maggie Wood	91302	
Matt Endler	90033	This housing does not serve the community that the are belongs to.
Leticia Llamas	90031	
Laura Shumate	90068	The residents of Lincoln Heights that have been there for years and decades won't be able to afford the rents that will go up in the a) new building b) their current homes as landlords will raise the rents out of greed and possibly begin to try and sell their buildings for more money. This will displace these residents and community, gentrifying these people right out of their homes. Ultimately, the landlords and owners think they will win, but they will suffer too as this imbalance and disregard for human welfare over money will inevitably come back to haunt them in their own homes. There should be protections from ourselves and greed. This will devolve into ruin. We are living it now. And that is why it shouldn't be built.
Alejandrina Anguiano	91104	I oppose a project that's clearly in favor of the displacement of people who are already struggling.
Iiia Xochipilli	90007	I'm indigenous
Paige McGhee	90032	We should start with appreciating Lincoln Heights for all it has, create a plan to renovate the spaces in the community for the community that already lives there...not for gentrifiers.
		It will only serve to displace low-income families
Gabriela Ruiz	90031	I'm afraid for my health and being pushed out of my home. Please don't let the construction pass.
Annabell lee	1060	Gentrification is violence, do not displace people out of their homes
Daniela Encarnacion	90065	Lincoln Heights does not need luxury apartments. The area is already heavily populated and being so close to Chinatown and Downtown will only bring more people and more traffic. Luxury Apartments are usually rented by gentrifiers, coming from out of state, the people who actually grew up and live in the community can't afford the apartments that's are being built and end up being displaced because rent is ridiculous in Northeast L.A.
Daniela Romero	91214	It will do more damage for community members than good.
Karina	90020	Gentrification is pushing people out of their communities. Overpriced housing is raising the cost of living in what used to be home to hard working families who are just trying to make it in this life and succeed. Gentrification pushes these families put of their homes and further away from the city in order to keep the status of the newer constructions' luxe lifestyle.
Joshua Trujillo-Flores	90063	
Isela Cortez	46224	I used to live in Lincoln heights and even go to school in the area. Currently I live in Indiana, but I would hate to see that they build luxury apartments if people have to move out their homes and have no where to go, just for those new apartments to be built. Do not build them.
Celeste Barajas	90031	this project will only hurt the community in Lhts not help. They are building unaffordable units to push people out of their own community and replace them with white people that can afford them. You want to help then put money into the community not apartment buildings to make it more crowded in an already crowded community

Bridget Smith	7023	This project is part of a national pattern of gentrification and destruction of marginalized communities. The fact that this project was undertaken without any input from the community speaks to the fact that those involved in the project have no respect for the current residents of Lincoln Heights, and therefore should not be trusted to build in the neighborhood.
Jared petrich	90057	I dislike those buildings a lot
Kenny flores	90012	
Joseph Gallucci	90031	This is a direct assault by the city and developers on the residents of Lincoln Heights, and a repulsive eyesore to boot. We need protections for renters against evictions and displacement, not tacky unaffordable luxury housing!
Ashley Evangelista-Mendiola	90031	I oppose this project because I was not aware of it until now. I do not approve the further displacement and erasure of the community living in Lincoln heights for many years. The community wants a public hearing for this project.
John	90031	It will change the neighborhood for the worst
Ellery Smoller	90036	It would cause too many evictions. We don’t need more housing developments
Dalton Lopez	90031	Gentrification / rise of rent
Briana	90065	
Karla contreras	90031	Because it will gentrify a community already dealing with high rent . People can not afford to live here and will be pushed out.
Reuben	92055	Fuck gentrification
Steve Lucero	90031	This project does not reflect or support the community. We will not tolerate these inflated development projects!
Emely	90031	Gentrification
Alyssa Julian	90026	Building luxury units in an otherwise very working class neighborhood will drive up rent costs and push out the neighbors that have built the community
Arthur Aguirre	90042	The community does NOT need luxury apartments that have an arbitrary price on them. I can’t even live in my old NELA neighborhoods anymore!
Robert Aguirre	90031	Gil Cedillo is a sellout. People over profits!
Gabriela Cervantes	90022	It will raise cost of living in Lincoln Heights and force life-long residents to relocate.
Alondra	90020	Oppose the project
Arasely sanchez	90602	Gentrification ruins our communities
Grecia C	91764	Going forward with this project will displace families who have been the heart and soul of this community for the sake of “development.”
Amanda Lanza	90031	It is not in consideration of the communities needs
Sabrina Lieu	91208	Gentrification displaces people and raises prices, none of which we need.
Eric Freeman	90004	Fuck Gentrification
Hannah Brown	90042	luxury housing hurts the community
Harley	90601	Destruction of the community
Jerry Garcia	90041	Because this housing development is just going to make it so it’s too expensive to live there and it will kick out people who have been living in Lincoln Heights for years.
Lilly Armstrong	91206	
Taylor Burch	90068	Please stop ruining this city with unaffordable housing please stop gentrification
Melody Morales	90022	the community was not asked for their input!! families who reside in lincoln heights for many years will be torn from their homes because they will no longer be able to afford housing. GENTRIFICATION IS THE ABSOLUTE WORST!!!
Ariel Aguilar	22153	NO MORE GENTRIFICATION!!!
Charlotte Zhang	90019	Because LA City Planning, city council, and the property developers they are in bed with care more about profit than the lives and well-being of working class people of color. These people are corporate grifters and deserve to face the consequences for their actions, and the community should have the agency to make decisions to protect its members from potentially life-threatening displacement amidst a pandemic, economic devastation, and cultural/ historical erasure.
Isaac Valdez	90270	Against the project because it’s pushes gentrification
Maddie Johnson	90068	Gentrification is violence
Frances emm	90068	Because gentrification is the work of DEVILS. We can’t let any more gentrifiers and polluters into this neighborhood.
Ricardo Luna	91803	This project is going create more traffic and the term Luxury just states this is a prominent location for high salary residents which should be suspended as companies do not want to make affordable housing for those at minimum wage. Considering that LA planning is working on this blueprint before hand they should work along Traffic Engineers and see the issues it would cause in just traffic flooding by vehicles and the repairs in pavement for moving cars on road with this 468 more added vehicles on this location.
Jacqueline	93727	This is gentrification

Juliana Sorelli	90068	This Project is ridiculous and a scam, it's going on all over the city with every one of these horrid projects sitting empty.Also as this health crisis has proved it before, there is great danger to suddenly concentrate this amount of people in such a small space. What will you do in an another crisis? How do you evacuate that many people in case of an earthquake? Another thing, luxury isn't living in some cheaply made death trap with over 400 units...We need healthy environments and affordable housing. We don't need anymore of this junk in Los Angeles. You are turning this city into a monstrosity. Empty buildings, and camps of homeless people everywhere. It's an embarrassment. A project of this magnitude will increase illegal evictions in Lincoln Heights and contribute to the Ellis acting of multi family properties. Affordable housing stock will be seized by flippers and investors and lifelong residents will be permanenty displaced or homeless.
Emma home		I oppose it because it start to erase the history of the city. This city has culture and beauty in it with the current buildings it has.
Andrew Tam	90012	It’s not what the community needs and is honestly an eyesore
Sophie Reiff	90065	Our neighborhood does not need more luxury condominiums. We need affordable public housing for our CURRENT residents - not expensive housing only attractive to new residents. We want to see our multi-generational community have more secure housing, as well as secure housing for our currently houseless community-members. We do NOT need condominiums for people who do not even live in our neighborhood already. And saying that a portion of these units will be “affordable” is NOT the same or enough — we have seen that excuse used time and again, with the units built being virtually inaccessible. No - we want an entire unit of affordable housing. None of this gentrifying, luxury condominium stuff. Thank you, next!
Natalia MacAdams	90031	This is not consistent with what Lincoln Heights is about. Continuing to displace low-income residents and eliminate affordable housing is a scourge on our city. Our neighborhoods are being ruined by developers and we don’t want them.
Vanessa Munoz	91103	They should start that project on a empty parking lot
David	90032	Stop over developing our city for your own personal gain our community is not your personal bank!!!!!
Jette Kavanagh	90012	I oppose this project because we’re losing culture and affordable housing for those who need it
Sabrina Bachelier	90019	¡Basta!
Courtney Rice	90032	
Isaac Diax	90033	Its a legal way of trying to kick out people out. FUCK that.
Anatalia Zavaleta	90023	We don’t need overpriced apartments kicking out the local community. Especially with apartments like this that would rather be empty + overpriced than filled with people who are part of the community
Joey	90016	Do not plunder Lincoln Heights. This is pure evil. You cannot disrupt this neighborhood ever, but especially during this pandemic where brown folx are struggling to survive. Lincoln Heights does not need your bright, shiny building. Leave this neighborhood alone.
Andrew McLean	90012	It’ll be terrible for a city like Lincoln Heights.
Grant cdebaca	90026	This kind of project doesn’t belong ANYWHERE in East LA. Greedy out of touch developers like this who have no roots in or understanding of a community like Lincoln heights are a cancer on working class Los Angeles, the life blood of this city.
Perla Perez	90032	This is unacceptable.
Simone Rein	91103	Large scale residence buildings such as these force out low income residences and gentrify the neighborhood beyond recognition. Please do not move forward with this project in respect to their people and culture that currently reside in Lincoln Heights. People are more important than profits.
Torianne Schiff	90032	Our community needs affordable housing, not high end development.
Brigette Plascencia	90031	We need more low income housing not high end housing
Giorgia Mannucci	90041	Gentrification is a violent practice that puts in danger always the most vulnerables. Protect the area and support the rich local community instead of building for the rich outsiders.
Pilar Duralde	90042	There is already a lack of affordable housing. Evictions have begun. The community of Lincoln heights has a cultural and communal history too precious to be ripped apart.
Daphne Quijada	90031	I live in the area almost my whole life and I don’t want our community to get moved or changed for other people’s privilege. It isn’t right. We’re already struggling in so many ways but we try to keep our community together and good. This will just ruin everything.
Sarah Shelby	90049	I want developers to engage with the communities that they are affecting, every action has effects and the ramifications are clear in this case. A public meeting or forum is the least any business owner can do, though they are used to just doing what they want without pushback.
Ariana Baez Romero	90031	No gentrificación
Francisco Rios	90031	No gentrificación
Sonja giordani	90065	
Ellena Rodriguez-Davey	90031	To keep the integrity if the neighborhood and keep housing affordable for the people of the area

Ulises F Angeles	90022	The amount of effort and taxpayer's money wasted this project could be used for community enriching programs and improve overall quality of daily life. Cedillo obviously does have Lincoln Heights majority working class residents in mind with this corrupt move.
Lillie Wiszniewski	98499	
Jackie	90815	
Cynthia	90023	We don’t need more gentrification in this city.
Emily	90026	
William Forgey	90027	It’s not good for the community
yesenia Gonzalez	90255	Gentrification only displaces people jn out community who are already facing financial, mental, and health problems. The people were not included in this conversation and that is not fair.
Hugh Blunden	90017	I can’t stand corporate greed especially from people who don’t even take a moment to reflect actions or respect placed on an already suffering community. The fact that most of these projects are lead by vultures that don’t even live in LA!!! It boils my blood! If I can stop this type of capitalistic desease in any way in this country, then I will. This is just a start.
Mariah Vaca	90031	This change, with which the neighborhood residents were not consulted on, will change their lives indeed by hiking up rent prices and forcing out families that have been here for decades. This isn't Echo Park and it's not about to follow the same path. The City of LA is composed of thousands of home-deserving working class and tax-paying citizens. All of that work and effort should not go unrecognized and overshadowed by a personal project.
Ignacio Mejia	90018	City hall is planning to erase and displace the community of Lincoln Heights
Sydni Wilmore	90042	Because although I grew up in highland park, my whole family resides in Lincoln heights and I don’t want to see my city gentrified even more than it is :/
Alicia	91106	
Jessica	90001	Gentrification is unnecessary
Adriana sanchezy	90031	Because gentrification causes so much suffering and displaces minorities and people who make less. It’s not right to make housing so expensive that the people who have been living in those neighborhoods can’t afford to stay in their neighborhoods any longer. It’s pure greed and modern day colonization of the land from people who have already been established there.
Jane	91202	
Nico Moreta	90039	Lincoln Heights is a lower income neighborhood made up of primarily Latinx and Asian families. Huge development projects like this increase rent, whitewash, and push out these people from their own neighborhood (aka gentrify). This development project is a huge step towards gentrification, and is colonialist in nature. The architecture is ugly and doesn’t retain any of the inherent culture of the surrounding neighborhood. Plus, who is gonna rent these expensive apartments? Not the people of Lincoln Heights. No it’s intended to bring in wealthier people and foreign commercial businesses to saturate the market and overpower the homegrown businesses that the community thrives on and vice versa. DO NOT GO THROUGH WITH THIS PROJECT!
Sergio Hermosillo	90230	we need more affordable housing
Chloe Gilinsky	90026	Lincoln Heights residents do not want to be displaced and have their community disrupted by shitty luxury housing when there is an affordable housing shortage in Los Angeles.
susan	90031	it will displace many families and hurt the local businesses around the area.
David Reyes	91103	Fuck gentrification. Preserve the POC & Latinx culture in these LA communities
Nicholas Mueller	90033	This development represents the dismantling of the community that has resided in Lincoln Heights much longer than any member of the Pinyon group. The sheer size of this development will ruin the community in the inevitable price hike in rent will forcibly remove families that have been a part of the community for a very long time.
Roxanne De Ment	90065	We need more adorable housing in the area, not a luxury high rise.
Aya	90033	Tenants are people, not disposable property
isis mejia	90063	i’m against displacing people in the area/poc and rising rent/property value and making it inaccessible for people who had previously lived there
Jeremy yoshioka	90034	Lack of transparency is troubling.
Hannah Thorner	94707	
Patricia Orenday	91803	Increase illegal evictions and make rent in area unaffordable
Lauren Risha	95616	I oppose the project because it is not for the people of Lincoln Heights and is just further contributing to the displacement/ eviction of communities and the gentrification of the area.
Juliette	91803	Unaffordable housing for residents!
Sara parsley	90019	Enough gentrification! Protect POC

Anna	91324	I'm tired of these ugly and tasteless luxury apartments filling up every corner of LA. They tear down LA establishments, pieces of our history, our architecture, and displace the working class and people that have been here forever. Half these luxury apartment units end up sitting empty anyway. We have enough of them throughout LA county, we don't need more.
Anna	91324	I'm tired of these ugly and tasteless luxury apartments filling up every corner of LA. They tear down LA establishments, pieces of our history, our architecture, and displace the working class and people that have been here forever. Half these luxury apartment units end up sitting empty anyway. We have enough of them throughout LA county, we don't need more.
Stephany Del Cid	91204	It will not help the local community and it will promote gentrification & displacement.
Cassidy	11385	This project will displace many members of the community. It is negligent to put profit over the community.
Zoei Gigliotti	90041	The people of Lincoln Heights deserve to have a voice in this matter. This development could drastically change their lives- and not for the better. Luxury housing and developments are not catered to local angelenos (like myself and many people who live in Lincoln Heights). By allowing luxury developments you are pushing out those who built LA and it made it the cultural haven it is today.
Stephanie	90031	This project will affect all those living in Lincoln Heights. There are already people and small businesses who are getting pushed to move out. This housing is not for our community but for others who will displace us if rent increases.
Victor Barraza	90020	Because Lincoln Heights has been a community and part of the history of L.A. County. These corporations just come in and take over everything which is not right and move out people so I support this petition thank you for your time
Cittlalli	90031	Displacement of long time residents. It will also create a rise in rent.
Allie	92831	
Nicole Aldrete	90031	Affordable housing
Samantha Garcia	90002	It's an injustice to the minority community. Gentrification will not be tolerated.
malissa	90004	it's unethical
Dominique Vargas	90031	I've lived in Lincoln heights my entire life. 2 weeks after I was born my parents moved from hillside village out of my paternal grandparents house and moved into my paternal great grandparents house located in Lincoln Heights. My neighborhood is beautiful and our people do not need to be pushed out of our own community. The majority of families who live here have been here for generations.
Reyna Rivera	90039	Displacement of current Lincoln Heights residents. And raised price of living in Lincoln Heights.
Violet Overn	90026	We don't need luxury condos we need affordable housing.
Textli Gallegos	90022	I grew up in Lincoln heights and I do not want to witness another wave of gentrification and erasure of yet another one of our LA communities.
Jeffrey Amado	90063	It's my community and to move families out just because y'all wanna do a damn project, AGAIN, dose t mean it's okay to just decide that.
Leola Sanchez	90405	I oppose the project because we should protect low income households and families and as well as historical areas.
Sophia Wessell	90036	It would destroy the character of Lincoln heights, as brand new huge modern apartment buildings tend to do to any neighborhood.
Alina Ponce	92880	Gentrifications occurring in our own cities have ripped apart families, small businesses, & dreams of young POC in this country for too long. Our parents were relocated & forgotten about but not us!
Alfredo Escalera	90031	I recently moved into the neighborhood. I'm aware the families that neighbor me have resided in Lincoln heights for their entire life and if this goes through those families will not be able to sustain a proper life style if property values sky rocket theses families will be unable to pay the inflated rent cost and will be Unable to pay and therefore forced to either live on the street or in cars.
Kimberly Berry	91001	I want to live in a city where my kids' teachers can live, where social workers and postal workers can live. Affordable housing is a right. We all own this land.
Mei Su	90031	Because this project won't be good for the community
Colm Daly	91207	The displacement of the current community is wrong
charlie	92649	
Niomi Munoz	90031	The city needs to help the community, not drive out their residents who have lived there for years. Lincoln Heights is full of beautiful Latino and Asian families that just need support by the city to bring the neighborhoods back to their old glory. We do NOT need another luxury apartment. Not only has it driven out its original residents, but it's also torn down old homes and buildings which is erasing the beautiful history of Lincoln Heights and the families who have once lived in this city.
Alejandro	90011	Gentrification of low income areas.
Valerie Lytle	90031	This prospect will encourage gentrification of the area, increase displacement, and increase the number of evictions in the area. It is violent and unnecessary
Ana Santos	90031	This is not being built to benefit or uplift the community.
Wendy Yao	90012	It doesn't serve the existing community's needs or include their input
Valerie	90029	All new building plans need to Invest in the current community. Build resources for them. Please hire from within the neighborhood on ANY new construction jobs.

Aaron marrufo	90031	It's not fit for the community and its erasing our community and gentrifying and kicking out the people who lived here for years
Sebastian Gonzalez	90063	Cedillo has always continually used my image in various projects and helping the community has always been a photo opportunity for him. I can’t sit idly by while the neighborhood is being gentrified.
Aaron marrufo	90031	It's not fit for the community and its erasing our community and gentrifying and kicking out the people who lived here for years
Stephanie	90031	Stop gentrification
Genaro Hernandez	90023	
Daniel Garcia	90640	To stop gentrification!
Jack Symes	91105	This is an obvious and blatant injustice and disservice to the resident of Lincoln Heights who may be displaced from their homes as a result of this project. Think about the consequences this decision would hold for so many already already scraping by.
Belinda Rodriguez	90006	This project will ruin a community that has been residing there for years. Rents will be raised, slowly pushing out residents and eliminating culture. Save buildings like this for Santa Monica, a city already ruined by gentrification. If new residents want to live in our communities, they must live there’s as is.
Larry Molinar	91331	I'm against gentrification
Laura Oliden	90032	To persevere the neighborhood. This project is a direct threat to drive out all the people who have lived in Lincoln Heights their entire life.
Wessim BenSaid	90065	Because it affects various families and businesses. It is an attempt to separate us as a community and mess with the cultural identity of the community
Erica Almodovar	90023	This will displace the community of Lincoln heights.
esmeralda molina	90031	Lincoln Heights is a community enriched by people from such diverse backgrounds. We need to protect this from companies coming in, displacing families from their homes, to make profit off of what was NOT built nor nourished by them. gentrification is evil and we can’t let what happened to highland park, happen here in lincoln heights. there’s so much heart and soul in these streets. it’s sacred.
Jessica Bley	90031	I oppose the building of large multi unit establishments to preserve the natural history of Lincoln Heights
Francine Yep	91107	
Ariana Robles	91016	To protect the community of Lincoln heights from greed!
Paloma Macias	90031	It is an infringement on the community.
Dasha cuevas	90022	This project feeds into gentrification and would hurt the lower/ middle class economy.
Joanna Sanchez	90501	I may not live there but I have friends and family that do. Immigrant families built Lincoln heights, echo park, highland park and East Los. This city is forgetting the History of racism and displacement. Remember white people did not want working class people in their communities such as Beverly Hills , Hollywood and other parts of wealthy neighborhoods. Now all of a sudden you are trying to profit a dollar on these so called flipping the neighborhoods . Maybe make housing more affordable and have rent control. Houses in LA are over 800,000 ? Why?
Lily Taggart	90065	It threatens to push out the community already living here and would not contribute anything to this neighborhood.
Ron Vargas	90031	When the project in Lincoln Heights was pushed through for the historic societee it ended up being very bad for the people who lived in the area not being able to change things on their house without a panel of people giving them permission this is not a Communist country so to me whenever Someone is trying to be push Something through without the public's authorization or approval it Is bad for the people in that surrounding area
Leilani Gonzalez	90201	its unfair
Anya	91030	I use to live in Lincoln Heights and I don’t want it to become something that is not. It is a beautiful historical neighborhood and this will just ruined it, plus it would suck for many families that live here now and would have to move.
veronika syrop	90016	destroying our city
Hershel	90016	These large ugly apartment compounds are destroying LAs historic communities and displacing residents who have lived within these neighborhoods for decades.
marley	90027	i’m anti gentrification!!!!
Steve Zarazua	91706	Gentrification hurts our communities by displacing low income families out of their homes from the increased rent and general increased cost of living within the community. Fuck gentrification.
Kathryne dameron	90032	How in gods name are you going to push a project like this through; in the shadow of the gross political corruption marring The LA development infrastructure? This reeks of corruption and you better believe if it’s rushed into existence against the wishes of the community, I for one will be demanding an investigation by the FBI.
Elizabeth Origel Gabriel	91020	My parents and family members reside in Cypress Park and have been part of the community for over 20 years. Developments like this don’t offer enough low income housing to the current residents in the area. Market rate pricing is not affordable to all, therefor this project should not be part of this community. I choose our people over profit.
Anthony	90031	Threatening my livelihood
Crystal Santamaria	90033	
Ariana Perez	91723	Fuck gentrification

Michelle Guzman	90016	i have similar incidents happening in my neighborhood and i know the harms it brings to the people who have always lived there.
Christine Stephanie	91732	Family and friends live in this area.
Alberto L Duarte	91104	We need to preserve our cities heritage
Stefhani	90032	
Andrew Lawson	90026	Communities should be involved in decision making regarding new developments.
Nick Taggart	90065	This type of corruption and destruction of our beautiful city must stop!
Tara Castellano	91101	
Adrian Apana	91202	The inequity that it brings to the people of the community—to put money into the pockets of big spenders who place no value on the history of an area, nor seek to truly give help to the communities there, while it is within their power to do so.
Bianca Mendez	90037	Because if it's not for the people, we don't want it!!
Mel Mendoza	90031	Gentrification hurts communities
Evan	90004	This project will harm the fabric of the community and displace people. No more gentrification.
Monica Farge	95123	Displacing the people of Lincoln heights without even having an open dialogue is unfair. Having luxury apartments open up, knowing it does not aid the community is also unfair.
Carlos Gonzalez	90031	I stand against gentrification and the construction of luxury apartments such as this one that will run out long time residents of Lincoln Heights.
Alvin	92832	This happened in my own community. I can no longer do anything about it in my own community, but i can help other communities prevent this. Stop gentrification
Kellen Harrison	90065	It’s two blocks from me and will drastically change the neighborhood
Julienne	95123	
Nai	77024	
Jacqueline li	91030	There is already an incredible lack of affordable housing available and too many luxury apartment buildings with vacancies. We don’t need more unaffordable housing/gentrification of neighborhoods. We need to address the problems at hand. Why do we live in the richest country in the world yet have so many homeless people in the streets?
Jesus	90031	Will be kicking out people of low income who won’t be able to afford anything outside the rent control zone
Stevie Hammork	92691	The over priced eye sores that are “luxury” apartments take character and community away from Lincoln Heights. The money used to create these monstrosities would be better used to help the communities low income residents and make the city better for the people that live there currently. Do better
Itla Tamayo	90031	
Paul Tamayo	90031	rent will go up and wont be able to afford current living lifestyle
Marissa Casillas	90042	It will dispose of families that have lived there for years and they will end up homeless or struggling to find somewhere affordable to live
Filibardo Mora	90260	Making City officials and Government transparent is key to making true change not only in communities like Lincoln Heights, but statewide.
Jenn	90004	No to gentrification
Amy Rodriguez	90033	YES. Erasure of culture, gentrifications, the fact that this project isnt made for the community its made to attract people from other cities and completely displaces members of the community.
Jennifer Moreno	90063	It does not serve the existing people in the community
Elias Pack	90065	The developers are preying on the economic powerlessness of the neighborhood. If the median income of the median current resident of the neighborhood could not permit that resident to afford the structure's median apartment price, then this is an act of economic violence.
Crystal Latonio	90026	Gentrification is Genocide
Alexis	90032	Will raise rent and destroy small business this isn’t a luxury neighborhood and there is already enough apartment why don’t they make shelters for homeless families instead of bringing in more people with money who don’t donate
Aranza	90042	
Hunter Tidwell-Higgins	91406	
Landon	98042	It sounds like gentrification of Lincoln heights.
Megan Waldau	91355	Gentrification is genocide.
Taylor	98107	Growing up in Los Angeles/Pasadena, and now living in Seattle, bearing witness to wave after wave of gentrification, I am standing up for my childhood home in the hopes that it remains socially, culturally, financially, and spiritually intact. Please reinvest in the community instead of building yet another garish luxury condo building.
John Salseda	91030	Gentrification

Adam Jerro	90031	No public housing option, no community involvement.
Alondra Romero	90031	To help make my community better for the residents already living in it.
Jamie Vivaldo	90031	Not what the community needs
Katya Zirulnik	90033	Luxury housing is not needed anywhere in LA and particular in this community. There is a lack of affordable housing that's crippling the security of hardworking families. People over profit.
Keven Acevedo	90031	The project will rise the average rent in Lincoln heights
Jina Rabinoff	90031	Lincoln Heights needs affordable housing! Not luxury apts.
Jen	90001	I'm opposed to gentrification and rent raising in predominantly latinx communities. This project will push out low income families who rely on communities like Lincoln heights for housing.
Nury Bolanos	90031	We were never advised of this new project . Gentrification Destroys communities, pushes out our diversity in our community .
Ismael Salazar	90031	Because it displaces working class people who already struggle to live in this community. Pushing this project forward will only displace more people.
Rory Hayes	90041	Gentrification is wrong
Diego Chiat	90039	Because it will displace families
Fabio Beltran	90027	I oppose the construction of any building that threatens the stability of the existing community. This construction will lead to consequences like raising the cost of living and diluting the diversity within the community. I strongly recommend to focus on assisting the current community to get through this pandemic, instead of outsourcing residents that do not respect the people that have upheld this community for generations.
Rebekah Sanchez	90031	!!!
Gina Niekus	90041	It is a product of government corruption and gentrification.
Alexa Soto	77338	
Brian b	90031	Gentrification
Miranda	91706	It is gentrifying a very culturally inclusive area
Tristan neihart	90043	Luxury apartment raise rents to exorbitant prices that people who grew up and have families ties in these areas can not afford. These types of projects do not benefit the people who actually care about our city and the cultures that make it what it is.
Jessica Garcia	92346	Because fuck gentrification
Liz Munoz	90706	Gentrification will lead to not only erasure of the culture but to eviction of low income families
Francisco Rodriguez	93505	I never asked for these to built
Jonathan	90717	Yes, I oppose this project. stop the modern colonization of p.o.c communities,
Cecilio	90057	I quote from the article above " . Lincoln Heights is the oldest most historically diverse neighborhood in LA and residents have had to endure generations of racial inequity". We are dealing with so much for people to start worrying about getting pushed out from their homes.
Priscilla Hernandez	91732	Displacement of families is not cool
Victoria Rojas	90042	
Sam orlin	90042	The gentrification and displacement that comes from this project has no need in Lincoln heights
Gabriel Partida	90065	These development projects are hurting us who have lived here.
Vanessa	93421	Saving the community
Jacob	90032	I don't support gentrification and would rather invest in affordable housing for the existing community
Marco f	90006	I'm against the displacement of low income people to develop a luxury condo project
Leonel Hernandez	90066	It will raise rent on the minority community that lives there
Alyssa	90094	Stop gentrification
William hird	90005	Luxury apartments do not serve the people who live in those communities - instead they force longtime residents out and are a lightning rod of gentrification. The only reason these are being built are to service high income individuals moving into neighborhoods and the fact that these are extremely profitable for developers. The community deserves to say NO to something so damaging being placed in their neighborhood. Fuck this its happening everywhere.
Emily Jacobo	90031	These new complex will just bring more economic hardship to the community and those surrounding it. The new apartments on griffin avenue by the la leadership primary have caused such a big change in the neighborhood and whom lives within. This project will make the problem even worse.
Katherine	90041	
Jennifer	90057	Gentrification pushes out our people. Our people get displaced from their homes! it's not fair to let rich folks do this to our people especially people of color.

Alfred	90027	This development will only continue to displace and erase the Lincoln Heights community.
Daniela	90031	We are tired of gentrification
Sergio Ramirez	90046	I was a Citizen of LH during my teens, and know in my heart that that building is not being made for the Generations of families who have lived there. It is all for Profit
Maggie SanFilippo	90026	It will force people out of their homes and raise rents
David Burrill	90031	This is another way to gentrify culturally diverse neighborhoods and to drive out P.O.C. who are low income while you drive up cost of living. Not in our neighborhood
Lindsay Barker	90042	Fuck gentrification! Building luxury condos will push out lower and middle class working families!
Erin Walsh	90035	Disrupting the Lincoln Heights community with this apartment complex is a blatant example of gentrification. Communities of color will be displaced by this project, and it is insulting that the Lincoln Heights community has had no say in this approval.
Valentina Zapata	91754	Stop the gentrification. Stop the evictions.
Salma Rojas	90041	I refuse to sit idly by as rich people gentrify neighborhoods thus displacing low-income communities of color. This is not the type of investment in communities that we want!!!
Noa Rosenberg	90004	
Israel Hernandez-Rodriguez	90640	The obvious gentrification of one of the most Historically Diverse communities in LA is absolutely repulsive.
Miguel Abriz	91406	Not fair to the low income community and minorities
Jessica Lara	90201	I strongly oppose this project because tenants will be illegally evicted. Displacing them from housing in a neighborhood that belongs to them. Lincoln Heights residents deserve to heard and should not be excluded from this conversation.
Claire Hunter	90031	I love my community and do not want further displacement
Jeremie Peters	91202	Gentrification is one of the most vile forms of racism/classism and must be stopped
Justin Aragon	91755	Gentrification is not for the people. The people of Lincoln heights do not want this in their neighborhood.
Jessica Takeda	94720	we need affordable housing, not luxury condos
Robert Pena	90033	We do not need almost 500 luxury apartments that will displace many families.
Nancy	90042	We need affordable housing not luxury condominiums which will only cause GENTRIFICATION
Samuel Ruvalcaba	90638	
Bridget	90026	Because I'm tired of them tearing down our buildings and gentrifying the area with apartment complexes. I'm tired of them building apartments where the people who have lived in the area for years are being kicked out and can't afford these new apartments or the growing prices for the area.
Preston Mendell	90019	I used to live in Lincoln Heights a few years back and knew this day would come. I always try to draw a line between development, which is a sort of inevitability in urban life, and rampant gentrification. The idea of a building this MASSIVE and largely unaffordable monstrosity on a toxic site is absolutely wrong.
Favio Espejo	90032	This will create a chain of events of people wanting to gentrify a low income neighborhood. This will encourage gentrification in our neighborhood and will displace many people who'll struggle to find somewhere else to live
alexiss palarea	90031	
Christian Diego Baez	90011	My People are being supressed by Genderfication and a lot of shade is happening behind this project
Brittany	90026	You're going to be moving on members of the community who have been there for generations.
Priscilla Rodriguez	90031	The proposed project will push locals out.
Samantha Avitia	90032	
Sierra Morris	90035	Stop gentrification
Ashley Del Cid	90026	New luxury apartments have been coming up for the past 10years one on every block in the neighborhood that i grew up in saw my entire neighborhood get torned down and the people living here for decades get pushed out in a couple weeks for out of staters, lets face it, white people. all businesses turned into pop up coffee shops or boutiques that last about a month before being up for lease again.. theres no respect for the community that has been there and just a bulldozing of LA's culture that is what brings those outsiders, to turn it into what? a shopping hub where all those that work in the city can't actually afford it but cater to those that can, cater to people that stole what was ours and neighborhoods that they didnt want but now see they can turn a profit..
Charles	90031	Doesn't seem right
Rafa Mendez	91744	The community never had a say on whether it should be built, and it will only lead a path to homelessness/ displacement of the community
Mikel	90006	It seems dramatically out of step with the neighborhood. Also there's no way it will be affordable for the people that already live there. I used to live in Lincoln Heights, and appreciated it's architecture and history most of all.

Israel Lopez	90066	
Brenda Romero	90037	Because no one asked for it.
Devin Ratliff	90026	
Carissa Velasquez	91803	These apartments will not be affordable for the community who live there and will therefore be of no service to the people who have lived their for decades. Stop gentrification NOW
Mabel Rojas	90022	Lincoln heights is a brown Latinx community, I would hate to see this change!!
Joshua	90031	Development on poisonous toxic materials in ground
Xiana	90063	Fuck gentrification
Augusto Dabos	91101	gentrification is genocide
Sophia Lang	92028	This project will displace so many lower income families and individuals, maby of whom will struggle to find another living situation they can afford.
Nadia mendoza	90041	We don’t need more luxury apartments when there’s businesses and families who are going to get pushed out. This isn’t any city for these people, it’s their homes and where they have spent all their lives.
Nadia mendoza	90041	We don’t need more luxury apartments when there’s businesses and families who are going to get pushed out. This isn’t any city for these people, it’s their homes and where they have spent all their lives.
Thomasina Sanders	90039	Gentrification destroys communities
Adali Olivares	91770	With little to no public I put, no development of this size should be approved. Especially with the fact that it will affect current residence near the proposed site in regards to the negative effects of gentrification. This includes environmental impacts as well as displacement of nearby tenants.
Andrew Orozco	93550	I am a former resident of the area and have family currently living there.
Cesar Hernandez	90019	I am advocating for equal housing rights for minorities. In such a historic location such as Lincoln Heights, La Raza will not be pushed out nor be gentrified
Cindy Balbuena	90063	I used to live in Lincoln Heights, but rent got too expensive. My family, and a lot of families lost their homes. This should not traumatizes the families already living in that area by making it unaffordable. This displacement happens way too much in Black and Brown communities.
Alyssa Aldaz	90041	
Megan Miller	90042	I want the people who live there to be able to continue living there. I don’t want people to be pushed out because of a “luxury condo”
Charles Galin	90032	Bringing unnecessary spending instead of the necessary spending in the community
Stephanie Galindo	90032	Bringing unnecessary spending instead of the necessary spending in the community
Priscilla Galan	90031	Unaffordable Housing in a low income area only sends one message to the people who live there, that they are not wanted.
Lucila Caro	90065	To protect affordable housing in Lincoln Heights
Samantha	90022	I support the community not corporations.
Alex Emmons	90031	No more over priced ugly condos in East LA
Isabella Rodriguez	90032	It’s trying to erase and displace the community that already lives here.
Celeste Escobedo	90003	the culture of poc in la is in jeopardy as culture vultures that push gentrification into neighborhoods with Rich history
Maya Chen	90041	This project directly counters the needs and wants of the neighborhood and community. Los Angeles is already suffering from gentrification, and this will only further this crisis.
Jennifer	90023	The rent is making it unaffordable for many Black and Brown families to stay in that area.
Ashlianne Sharma	95747	Gentrification is bad
Dana	91321	Spend money on the people who already live in Lincoln heights; youth programs and community gardens would be a much larger benefit than an apartment that will make the poor poorer.
Orville	90042	It threatens to displace the current residents of the neighborhood.
Sharon Escalante	90033	Gentrification will ruin LA. It’s authenticity will diminish and the people living here will have to relocate and no longer have their homes where they have lived for years due to highly priced luxury apartments as such.
Daisy		Gentrification will ruin a community of Chicano citizens
Valerie Benavides	90033	This building will threaten people living in the community with evictions and could cause rent increases in the community.
Nicole Cavazos	91773	Stop the gentrification of Lincoln Heights to protect the lives of the members of the community
Alexandra Slusser-Banh	93720	

Destiny	90065	to protect our neighborhoods against gentrification
Cristina Carrillo-Dono	90063	it doesn't not support the community. It hurts it
Janelle Ketcher	90031	Development like this requires community input
Sylvia Ramirez	90031	This housing is not for our community and will only serve to displace us.
jasmine martin-partovi	90089	
Eireann O'Grady	90027	No community input
Carolina	90031	Because it's my neighborhood and we should be ask if it's ok to build something so big somewhere i was born and raised.
Steve	90031	No gentrification
Justine	90032	I believe that people should not be forced out of their neighborhoods by greedy developers!
Jazmin soto	90031	The cost of living will go up, and the middle class can't afford.
Thalia	91107	Gentrification is violence
Ellie Butler	93953	
Olivia Caplow	90039	It's just enough already. Not only does it displace human beings... it's super ugly. "Ugly" doesn't even suffice as to how much of an utterly oppressive eyesore this building is. Also are we this deeply incapable of reading the room? Does now really seem like the appropriate time to build a truly hideous slop of "luxury apartment living" when pretty much the entire country is unemployed in the midst of a global crisis/pandemic? Not to mention a major housing crisis that literally has been screamed about on every news media....Thank you but, absolutely no thank you. Ps. Who gave these architects a degree.... this schematic is trash.
Monserrath Resendiz	90023	Gentrification leads to displacement of the community members. I oppose this project because it'll harm the working class community of Lincoln Heights.
Rebecca Lopez	91801	It will displace the residents of Lincoln Heights and the new residence will not house current residents of Lincoln Heights due to it being unaffordable.
Anna Sanchez	92139	
Esmeralda Dimas-Perez	90033	I oppose to this project because I do not find it fair, that the council didn't try to make it public.Also many people will be kicked out and lose their homes, all for money.We need to let their voices be heard and they will be.It is really unfair.Many people might end up homeless.
Adam Verdugo	90029	Because the building threatens the lively hoods and businesses in Lincoln Heights
Anthony Johnson	90007	It's gentrification and it is trying to erase the community
Emily Connor	90029	This is exploiting the neighborhood and pushing out a community that has been there for a very long time.
Gena Salorino	90031	We need affordable housing not luxury housing
Kristine Escobar	90065	The project threatens the families and communities that reside in the area. This leading to a domino effect whose ending has potential to be catastrophic for some.
Raul Cordova	90031	It displaces disenfranchised people in need of affordable housing
Emily Campos	90002	We need public housing in Los Angeles, not luxuries apartments. The culture of the community does not need to be changed.
Steve Abee	90032	It doesn't fit the neighborhood in terms of needs and design. You need housing for the people. Not the wealthy.
Grace Gallagher	90020	Displacement is wrong. Everyone need the right to affordable housing in their neighborhood
Asya behram	90026	I love Lincoln heights we do not need another huge developer coming in.
Scott Williams	90031	This is not affordable housing. We have enough luxury housing.
Axel Hernandez	90031	It is not being built in correlation with the wants and needs of the neighborhood!
April	90023	We need AFFORDABLE living not expensive gentrifications apartments that the community can't afford.
Nicole Y		
Kassy	91342	It is not fair to the people living in this community.
Vanessa M. Peralta	90032	I disagree with the displacement of minorities who have called Lincoln Heights their home for practically their whole lives. I would like to see change for the established community members currently living in the area instead of bringing outsiders from other areas to these "affordable housing" projects.
Marta G	90031	we dont need luxury apartments in our neighborhood, but more parks, other recreational stuff for the families already residing in LH
Emily Schkolnick	90064	Preserve the diversity and integrity of our neighborhoods. Fuck predatory landlords and developers who are only after a profit and are destroying the cultural fabric of our city, exacerbated even faster by the COVID disaster.
Olivia Giron	90042	i hate gentrification.

Vanessa M. Peralta	90032	I disagree with the displacement of minorities who have called Lincoln Heights their home for practically their whole lives. I would like to see change for the established community members currently living in the area instead of bringing outsiders from other areas to these “affordable housing” projects.
Diana murrieta	90023	Lincoln heights is not a place for luxury apartments that will only end up displacing the people who’ve raised their entire families in the community.
Jonathan Sandoval	90031	In my defense and experience living in Lincoln Heights, the volume of traffic will increase, given people commute towards downtown direction to avoid freeway traffic. Pasadena Ave is not wide enough to act as a commercial street. Also as a whole neighborhood we need more affordable housing that matches incomes with peoples wages.
Sammantha Rodriguez	90033	Lincoln Heights is a historic community. If the people who have lived here for YEARS can’t afford the rent then why build it ? Why up the pricing of housing that can be used for people who want to live close to their parents ? AND WHY is the advertisement only have yt people ?
Ava	90065	
X	92704	Building luxury apartments in a largely POC inhabited neighborhood in no way considers the context or the people living there. It will directly misplace hundreds of families in favor of creating more unaffordable luxury housing and further raising property values to unattainable heights. The proposal of this project is disrespectful and inconsiderate.
Katherine Gutierrez	90033	People over profit ! Not profit over people ! Gentrification is a racist act !
Cassandra Gutierrez	90031	
Jazmín García	90031	Para proteger nuestra comunidad
Miles Kantner	19607	
Mikalia Rhodes	92058	Historical reasons and I don’t believe the current residents should become eventually homeless over some unnecessary building development. Let people be!?
Keith b3	90006	Displacement of low income people in our communities is not acceptable! Gentrification is the biggest disgrace to all our communities. We pay our taxes just like everybody else but when those taxes dollars finally start to make a difference in our communities and in our streets the people who live in these communities get pushed out to make way for the richer. Why should I pay taxes if the minute that makes my community a nicer place to live I am forced to leave and suffer again in order to make way for the more affluent people who have no connections here? We all deserve a place to live and we will not be pushed out!
Jasmine Guerrero	90065	As a homeowner in this neighborhood, I am vehemently against the displacement of families of color in the name of profit for greedy developers.
Zach Fraser	91108	Value the integrity of current residents city.
Angelina cruz	90032	Gentrification will not be permitted!
Lukas E Medina	90631	Build affordable housing for the people that need it the most.. luxury apartments are destroying the communities and culture that makes LA beautiful... Invest into your people... Not rich yuppies that come from other states and gentrify the community.
Isabel Ortiz	92703	
Kharis O.	90031	Our community doesn’t need this, it pushes people out and erases the history of the neighborhood.
Mia pedroza	91706	Peoples homes
Emily	90031	Because gentrification has displaced a plethora of POC and is a huge problem in our community
Noemi G		Lincoln heights needs affordable housing
Kaylee Abad	90033	I think this project is unethical and corrupt.
Evan Main	90031	As a citizen of the Lincoln Heights area, I want to protect my community by keeping development projects away from the neighborhood. It’s a class warfare action out to displace working class people.
Zyanya Blad	90006	Because FUCK gentrification/ FUCK this stupid high end apartment, BUILD AFFORDABLE HIUSING FOR THE COMMUNITY
Karina Vargas	91342	we don't support gentrification in this house
Dylan Agra	90004	
Megan Spatz	90031	It is violent gentrification and will result in long term damage to Lincoln Heights residents. We need to keep the neighborhood affordable and accessible to the community that already lives there
Marcus	92806	Gentrification sucks
Diana Pena	90014	Because luxury apartments are not affordable to everyone and it causes a lot of gentrification and displaces so many people. Look at what happened in DTLA this should not happen again!
alyssa	90033	gentrification, nobody thinks about the people who have grew up here & know this as home.
Frank	90012	The idea that the development of a property this big and neighborhood-/city-altering could go forward without a forum for residents to voice their concerns, objections, and needs is absurd and a gross overstepping on the part of councilmember Cedillo (my councilmember)’s duties in representing their interests. It’s that simple. These plans plainly serve special interests and capita over those of the people of Lincoln Heights and all Los Angeles. I fully support these demands and call on City Council to follow suit.

Andrea Gutierrez	90032	Most residents in the neighborhood will not be able to afford the increase of rent and will lead to more homelessness
Andrea Gutierrez	90032	Most residents in the neighborhood will not be able to afford the increase of rent and will lead to more homelessness
Christian Arcos	90032	
Leslie nova	90032	
Brennah	90042	This development will negatively impact local residents and communities.
Shaden Martinez		Creating this luxury building will add to the gentrification of the city of Los Angeles and slowly but surely push out those who live in poverty who can not afford to live there.
Cecilia González		I oppose this project because it is a direct representation of gentrification; those apartments are not being built to house residents of color in Lincoln Heights who are already housing-insecure. They are being built to serve white gentrifiers who will only displaced locals and make housing further inaccessible.
Kevin shiramizu	91001	As a former resident of Elysian Valley, I was priced out of my neighborhood luxury developments, along with many other residents. Our city needs affordable housing where people can live. Not investment properties for wealthy to sit empty often as Airbnb units and overpriced rentals that so few in the community can afford to occupy. We have plenty of that trash in LA already and Lincoln heights doesn't need any of it.
Camille	90065	
Daisy lara	90042	Not right
Crystal Quinden	90031	Lincoln Heights is home to many working class immigrant families that have been here for generations. A luxury condo would price out many of these families that have kept this neighborhood alive. Please protect the natural landscape of our home and rich culture of our community. For the well being of the people of Lincoln Heights, you cannot let this project proceed.
Jorge Plascencia	90031	The community belongs to the people; not to the selected few.
Sarah McIntosh	90013	No more NIMBYS
Emily RUIZ-CAMACHO	91744	Keep gentrification out of Lincoln Heights.
Daniela Lozada	91506	I grew up in Lincoln Heights, attended Lincoln HS and even though I lived a neighborhood away, (Cypress Park) this displacement and gentrification is enough! How many times will wealthy people profit off of hard working low-income families? Mainly Latinos? This is absurd and insulting to all the people that have lived there all their lives claiming to "help them" with "affordable housing".
Jenny		
Kerrie	90042	The community already living here deserves to decide whether or not something of this magnitude is allowed to forever change their neighborhood
Antonio Ramirez	90023	FUCK COLONIZATION
Jacob Solis	90065	This building is a threat to the community and is a physical manifestation of political corruption and greed.
eleanor	93105	anti gentrification. housing will be built and no one will move in because the original residents will not be able to afford it
Nico		This development isn't for the residents that have BEEN living in Lincoln heights, it's for the developers and gentrifiers that make coin from displacing those working class black and brown communities. This shit looks ugly. It looks violent. It looks like blades and surveillance and it should stay the fuck out of Lincoln heights.
Asia	90043	Gentrification
Colleen Canles	90041	Stop displacing low income families with luxury apartments
Minh Lam	90031	If we can't afford the apartment. It shouldn't be built.
Esmeralda Guzman	90063	our community is being changed, the rent isn't even affordable for the working class so why build these shits. This will affect our surroundings making shit even more populated
Mya	91030	
Marina Bermudez	91406	This is gentrifying our beautiful Lincoln Heights and causing high risks to the community itself.
shayda milani	90042	preserve the neighborhood stop gentrifying everything please for the love of god
Jenny	90031	I am opposed to gentrification and the displacement of families and individuals who have lived in Lincoln heights and have been part of the community their whole lives.
Darline Lopez	90031	I support low income housing and do not support gentrification.
Frida Gonzalez	90255	Gentrification is harmful towards working class communities.
Bora Lee	91030	Because gentrification is VIOLENCE
LAURA DE LA GARZA	90031	El public de Lincoln heights no quiere este proyecto. En estos momentos necesitamos proyectos que apoyen a las personas de ingresos bajos and a las personas mayores de edad

Sivan Silver-Swartz	90012	
Reymundo	90012	Because Gentrification is Genocide.
Jacob Gutierrez	90041	I do opposed the gentrifications of Los Angeles
Alexandra Gas	90031	Lincoln Heights is defined by it’s community and diversity. Keep Lincoln Heights a safe haven for them.
Nydia Garcia	90026	This isn’t gonna be an equal housing opportunity for the people in the community & homelessness is really high
Raquel Puerto	90031	Gentrifying continuously displaces people of color
Emma Bradford	90031	Stop displacing residents!!!
Jamie	90018	people cannot afford high rent
JENNIFFER Davila	90650	Don’t displace communities that have been there for ages. The fact that they did not inform any of you guys just shows they do not care about the middle class and below.
Aned Martinez	90033	Because my community is not ok with this and the community matters
Edson Escoto	90029	Because it will not benefit the community only drive out residents and erase the identity of the neighborhood.
Marisela Calvillo	90031	It’s pushing people out of homes
Alyss	91801	In a city where fair and affordable housing is hardly available, we don’t need more “luxury” apartment buildings. We need AFFORDABLE housing. We need to reject gentrification and allow low-income native angelenos live where they have been born and raised. Save these people their homes. They are the reason neighborhoods like Lincoln Heights and Highland Park are considered cool and are some of the most sought after neighborhoods to live in. Gentrification is inhumane.
rebeca g	90033	gentrification is violence against the people who reside & occupy lincoln heights.
Moises Duarte	90031	UNNECESSARY, LEAVE LINCOLN HEIGHTS THE WAY IT IS.
Carolina	90032	Building “luxury” buildings will bring in affluent folks, pushing out those who have been living in the community for years. It will ultimately add to the gentrification within Lincoln Heights, making the area financially difficult for low-income families.
Sayah	90032	this project will displace low-income families already struggling to survive in their community.
Alyssa Dancel	91606	My neighborhood of North Hollywood (5minutes from the Arts district) has become significantly gentrified over the course of my 21 years growing up here and I would HATE for anyone to be displaced from their home areas they grew up in. It is sad and UNBELIEVEABLE.
Jazmin navarro	91765	It is Inhumane to displace residents that belong to the community. It’s important to cater to the existing community, making sure they are heard and their needs are met!
Robert Z	90004	I'll seen my neighbor get affect by this 'luxaruy' complexs that hard working, low social-economic class people can't afford. It is unfair that the rich can come and displace whenever they want. Enough is enough. Hard working people deserve better. Not the rich.
Jennifer Ayon	90031	Protect our community
Bree Tomás	90026	Gentrification is modern colonialism. Stop displacing people for profit.
Lisa Chen	90024	Homelessness is one of the biggest problems in Los Angeles despite there being plenty of vacant units. With COVID-19 exasperating these problems, it is unethical to continue with this project and further gentrify Los Angeles.
Natalie	91502	Gentrification is a horrible and negatively impacting the citizens, rather than helping
Amy Ludwig	90042	This is luxury housing that will not serve the community. It should not have been fast-tracked.
Citlali	95117	We must fight back against gentrification always
Angie Soto	90031	I oppose to this project. Lincoln Heights is predominately a Latino, asian, and recently black community with low income families. Hard working families live in these areas for a sustainable living and we shouldn’t gentrify our communities to make it seem more “luxurious” especially during a pandemic. Rent would go up, and the families here shouldn’t be the ones in charge of moving when we have been working and living here for a long time. Gentrification is a huge problem for low income families because we barely get by as it is, and want to make it seem more attractive to people who can actually afford other luxuries. Please, put an end to unnecessary luxuries, people are living here and do not need more people put out to street and move to places where we cannot afford rent.
Andrew M	90022	I don’t support gentrification.
Justine Estrada	90031	
Theresa Lopez	91601	LA has way too much luxury housing not to mention our homelessness crisis! We need to stop gentrifying our communities by tearing them down and replacing them with complexes no one can afford or live in
Ian Vargas	90065	It will exacerbate the continued displacement of working class residents of Cypress Park and usher in gentrification pushing more of the neighborhood out of their homes.
allyson garcia	90022	i oppose gentrification
Jessica Herrera	90042	The people of North East LA deserve better than a man like Cedillo who is ready to kick us out onto the streets for profit. We demand better than this. This is our home.
Elvira Gil	90031	It's gentrification!!!!!
Tshering	90042	Because it very shading passed by someone who is not hearing the need of his citizens

Charlie Kanter	91302	Oppose illegal evictions and to stop gentrification in Lincoln Heights
janelle yanez	91605	because fuck gentrification
Alexander Fraser	90039	Gentrification and the development of LA has to slow down.
Fernando Diaz	91702	This petition is not a request. It's a Demand by the 30,000 residents of Lincoln Heights for Gil Cedillo, Pinyon Group and LA City Planning to face the People who will be affected by this project for the rest of their lives. A 468 unit Luxury development at ave 34/ Pasadena Ave is a threat to our health and well being. Gentrification is violence on Lincoln Height's working class (19%) Asian and (77%) Brown brothers and sisters. Lincoln Heights is the oldest most historically diverse neighborhood in LA and residents have had to endure generations of racial inequity. 77% of Lincoln Heights residents are renters - the majority with a median household income below $30k a year. We have the lowest home ownership rate in LA at 23% from historic redlining, discriminatory bank lending and racist deed covenants. Why aren't we being included in the dialogue? This housing is not for our community and will only serve to displace us. This is the largest development in the history of Lincoln Heights and the community was never informed or included in the conversation. Lincoln Heights neighborhood council was bypassed and never approved the project. The city approved this by fast tracking it during Covid-19 and the City Hall Pay-to-Play scandal. How do we know the politicians and developers weren’t doing back door deals on this project? Is it ethical for City Hall to push a project of this magnitude on an already suffering community thats currently being illegally evicted and displaced? Neither the city, the councilman or the developer facilitated a single conversation with the public for the biggest development in the history of our neighborhood. City Planning went ahead and approved it. We demand transparency from our elected officials and a seat at the table regarding this new construction. This is the year 2020, not 1940. The people of Lincoln heights demand to be heard. This is part of a long trajectory fulfilling City Hall's agenda to displace and erase our community.
Grace Haggerty	90042	We need affordable housing, not luxury developments that will increase housing prices and displace current Lincoln Heights residents.
Zoë Takaki	90291	Fuck gentrification
Leslie	90031	doesn’t serve our community any good, it’s not helping the community members in anyway
Kristian Cardenas	90031	Not enough affordable housing. No CBA
Gresia Fernandez	90033	This is the first step to gentrification
Clara Keane	90041	The people of Lincoln heights deserve to be and MUST be heard and taken seriously! Especially during the current pandemic, when millions of people have lost their jobs, fallen ill, or gotten illegally evicted, NEIGHBORHOODS LIKE LINCOLN HIGHTS, and their CURRENT communities, MUST BE PROTECTED AND PRESERVED, not put at even more risk (by greedy developers, rent gauging, and gentrification) than they are already facing.
Rudy Hernandez	90033	Because gentrification is not okay. Those buildings are pushing out our community so that the middle class can move in. We already have enough gentrification going on with the USC Medical campus, so we don’t need anymore gentrification.
Brandon Mensah	90025	It’s a lack of care and shows priority of expanding land for profit more than the lives of the current human beings currently residing in that area.
Terrence Robinson	90041	Stopping cultural genocide.
Khristine Camarena	90033	Because it erases the community.
Nancy Esparza	90023	what they're doing isn't right
Conor	93108	gentrification is destroying our communities
Carl Cortez	90033	
Abigail Vasquez	90706	FUCK GENTRIFICATION BITCH
Paulina Casas	90075	Creating new apartments for the rich will not benefit the community, if anything this will hurt and damage the community. Most cannot afford to live in the condos you are building and this condos will just increase the price of rent and housing which will leave many with out a home. Create ADFORABLE HOUSING for those life long residents not for rich people.
Grace Miller	90042	this is not what is best for community
Samantha Ricci	92116	
Ernesto Lopez	90065	Gentrification
Ana Godoy	90280	Although I do not live in Lincoln Heights I work in the Eastside with high school students who attend Lincoln and Wilson High School and have heard from them first hand the struggles their family has endured to make ends meet to pay for rent. This project does not improve the current residents or housing crisis that exist in LA. Community input needs to be taken into account and there needs to be access to affordable housing for the current community in Lincoln Heights. In the wake of a global pandemic housing security is on the rise so I urge you to listen to the community most impacted by this project and find solutions to support renters during this pandemic.
Izzy	92805	This project will be taking away an opportunity to build affordable housing for those in need who cannot afford a luxury apartment. It is useless and won’t provide anything to our community. It will sit there unused while people are out here on the streets because there are no affordable places to live. I will be living two cities away from my college because I can’t find a place cheap enough to live nearby. It is insulting that I have to go out of my way to be able to have a basic necessity taken away from me because a few rich people want to have a luxury apartment. Eat the rich and f**k them.

Katelyn Vasquaz	90640	
Stephanie Ramirez	90033	They are gentrifying my community and hurting the livelihood of hundreds of locals.
Jerylee	90033	Gentrification is classist, racist, and evil. I do not stand by letting rich white people modernly colonize the hood. It happened before but it won't happen again.
Ruby	90029	
Oliver Bentley	90017	I oppose the gentrification and displacement of the community, especially for the sake of a luxury condo amidst a pandemic, recession, and housing crises.
Isaac Mendoza		The intentions of these buildings are not to support the community that resides there, but to drive them out.
Aimee Alvarenga	90026	These luxury apartments are not representative of community wants or needs. They do not represent the best interests of the community, which the apartment buildings will be inaccessible to.
Lucy CapittiFenton	91401	Displacement for the purpose of gentrification is horribly wrong and hurts the lincoln heights community that should be protected.
Katherine Salvación	90018	This neighborhood needs to remain preserved. Keep this gross building and the people that will come with it out.
Megan Purdome	90041	Development without communication with the community is inherently a threat to the community. While any such project is threatening, the very least the city can do is offer clear and direct communication and collaboration. Neighborhoods must be protected for the people who live in them.
Peter	48104	
Loucin Chrikjian	91304	It will displace thousands of low income poc, mainly of the Latino community, whose existence in Lincoln Heights is crucial to Los Angeles and it's vibrant culture
Abigail Perez	94066	Gentrification is evil and selfish. Low income families will only suffer more and I will not let that happen.
norma	91776	Gentrification is harmful to those already struggling to live there.
Christina Solis	90032	This project would become the reason low income families that have lived in Lincoln heights for generations to become displaced from their homes
Jonathan Casella	90021	If LH needs anything it's affordable housing; the last thing it's needs is this vulgar dormitory of greed and exploitation.
Kyla Langotsky	90024	This type of development should be illegal. Without discussing with the community, you expect to destroy them. Dialogue is a necessity, but also consider how wrong creating luxury housing in a Lincoln Heights would be — you would end up displacing and leaving homeless hundreds of long-term residents as rent prices skyrocket. No more gentrification. Move along.
Vanessa Casas	91801	
Chloe salem	91423	
Helen McColpin	91001	Luxury developments hurt the community. No gentrification!!!
Jordan Schmid	93534	The last thing anyone needs in California is unaffordable housing in a gentrified neighborhood full of rich and obnoxious frat boys/entitled elitists, to push out the poor&disenfranchised communities to other corralled ghettos
Romelyn Gutierrez	90004	I am against gentrification.
Donovan Ramirez	90039	It's a form of neo colonialism that attempts to displace already struggling communities. Put more money into preserving the neighborhood instead of trying to replace it. These same gentrifiers speak down on us POC all the while exploiting us and our cultures altogether. I'm not down with this.
Sade Obi	91791	im sick of gentrification
Aurelio Barrientos	90032	Higher rent
reyna	90063	it's not right!
Christina m	90023	It contributes to the displacement of marginalized people!
Joey Young	91106	It's not considering the wants/needs of its community members
Cecy avila	90065	Leave our city alone! We don't need your shit.
Frances	90032	This building will add to our problems! It is not for our community, made up of THE WORKING CLASS. Unaffordable and will only encourage the rest of the community to be wiped out!!!!!
Adrianne S	90041	
Lizette	90032	Lincoln heights needs to remain affordable for those who have been living there!! No new homes!!
Jose	90032	Further displacing residents, will not help. Building a luxury complex, will not help. We need to take care of those within the community. This is not the way to beautify the community.
Sofie Armine Dreskin	90041	Gentrification is violent! Los Angeles needs affordable housing and canceled rent not luxury condos.
Emily M	90031	Gentrification is wrong!

Lynn Rivera	90065	With homelessness being a rampant problem throughout Los Angeles this will only make this issue worse for our neighborhood and those who have built this community. It will create unnecessary congestion through the building of the project and adding of additional residents to the area. We need affordable housing and this is not the answer.
Cristine Murillo	90031	As a local Lincoln Heights resident, I can attest that Lincoln Heights does not need luxury housing but rather more low income equal opportunity housing. I do not support the gentrification/uproot of the local community.
Tom Amsbry	91104	it will increase rent and the price of goods and services in the Lincoln Heights area, further gentrifying a neighborhood that is already seeing displacement of low income families.
Kyla	90068	threat to our health and well being
Tuliese Ioau		
Sam Horn	90005	Lincoln Heights, and Los Angeles in general does not need more luxury housing. We need affordable housing that does not break up our communities. I live next to a construction site for a luxury development and it saddens me to know that the city does not care about its residents, just lining the pockets of a select few.
Jeanette Martinez	90031	because middle class and lower wouldnt be able to afford this plus this doesn't fit into our community
Uriel	90031	We dont need it. This only raises rent for those who are already apart of this community. This will slowly kill our community over time.
Kimberly Lara	90042	I oppose this project because the community will be affected by this project for the rest of their lives. Building this development is a form of gentrification, which is a form of erasing our community and placing violence on us. It does not better the community, but only destroys it. Additionally, it is not needed for the community and will only serve to displace it.
Christian Gutierrez	90280	
Oskie Mignon	90040	Keep large projects out of small communities. This will displace current residence (mostly of color) in favor of rich white folk and distort the current Latino culture that thrives on that area.
Natalie Mercado	90039	
Ashely	90032	Why take without asking
Adriana Soto	90031	We need more affordable housing for the people in our community; no to gentrification and the displacement of the people in our community.
Ashley Hernandez	90031	NOT GOOD FOR THE COMMUNITY
Andrew Lujan	90032	How about fixing the issues in our community first, before inviting others in. We have bigger issues at hand.
Johnny Hinojos	90031	Bad for the community
Alexandria Villarreal	90660	It’s detrimental to our neighborhood . build it in Beverly Hills
Gwyneth	91024	A 468 unit Luxury development at ave 34/ Pasadena Ave is a threat to our health and well being.
Gerard Mellini	90022	It was fast tracked during a corruption scandal. The community does not need to be gentrified and have renters displaced
Erin Espana	90002	
Lidia Bressoud	90032	This does not serve the working class BIPOC community that has been living and residing in Lincoln Heights. This “project” is meant to erase and displace the diverse working class community. Lincoln Heights says NO to gentrification.
Carla Majano	91502	I have family that still live in Lincoln Heights. We need to support our community whether we still live there or not , we need to be the voice for those who cannot speak up.
Kimberly Delgado	90303	The project is spurring more gentrification and displacement. There is no room for displacement during the course of a pandemic. Furthermore, this will disrupt the low-income communities /residents of Lincoln Heights.
Brenda galan	90031	Because this is something that should be done to help Communities , make these for low class working not for wealthy people to come and take what we have worked for to keep as ours .
Justin Ruiz	90042	Because FUCK gentrification
Irma Sanchez	90031	It will bring increase cost to living and begin to push those who lived in the area for years out.
Kia raab	91024	
Isabella Granados	90022	This project would bring white folk to the hood raising the rent for the long standing residents eventually driving them out. Gentrification erases communities of color. Gentrification is genocide.
Helen Alonzo Hurtado	90019	While I don’t live In Lincoln Heights, I work in this neighborhood and I oppose this project because it will displace my students and their families. We do not need more luxury apartments, we need and demand affordable housing. The majority of luxury apartments are sitting empty in this city while families are struggling to find a place to live. It is disgusting if our city council allows this project.
Skylar Echard	91030	Stop displacing residents from their homes to build luxury apartments they destroy neighborhoods!!
Michael Caballero	90032	it will increase gentrification creating a dramatic increase in property values and create more property taxes for people who may not be prepared for that putting people out of homes and forcing renters to be displaced

Alicia Miyares	90065	ITS NOT EQUITABLE
Leticia white	90042	You are running out good restaurants and other people’s homes! No need to do this! Leave the neighborhood alone
Iris Jill Aranda	90027	Because it'll hurt the community and it'll displace families.
Shirley	90031	The community will be affected so as my family.
Candelaria Morales	90004	You can’t move the people
Marco Covarrubias	90065	Because this land must be used for affordable housing at minimum
Devin	91504	Gentrification is a horrible thing and we need to keep our Latin communities in tact so they can enjoy the place they’ve always called home in peace.
Vincent Acuña	90031	Because we don't need Gil's disrespectful neoliberal policies affecting our communities and opening the flood gates to displacement via gentrification. If he wants to represent well off whites, go run for a seat in West Hollywood. He doesn't represent us and never will.
Donna Tran	90011	This is extremely harmful to a community of low income, working class folks who need affordable housing. Many of them have built a legacy spanning generations in this area. Building more apartments with NO rent control does not help the community. Instead, it will lead to more families homeless and jobless.
Joanna Ruiz	90022	Gentrification is not the answer.
Isa R	90716	This project will affect so many people living in Lincoln Heights. Gentrification ruins lives !
Majadi Patterson	90301	
Paulina curiel	90039	It will raise rents for the community and force people out. This “luxury” project is unaffordable to the existing community so why put it in their home? Go put it in a higher income area where its not a burden to people
Miguel Munguia	91331	Gentrification displaces people of color and this will negatively impact the people who reside in this neighborhood. We need more affordable housing in Los Angeles, not luxury condos.
Jessica brooke touchstone	32533	I used to live in LA. Regentrification is happening all over the US and while it may boost the economy temporarily it is a permanent issue on the citizens living in the area. We do not need high rise apartments for the masses but rather a boost to the local locavores in the area who work tirelessly to build their own environment. We do not need Starbucks and McDonald's along with apartment complexes. It creates a complex to the citizens who have long lived in the area. We need local support, mom and pop stores, and the beautification of the area - I'm talking parks, farmers markets. Etc. Its not about the bigger and better, but rather qualifying then quaint.
David salazar	90026	For the preservation of the existing community and culture that resides in Lincoln heights, it must remain there as it is the way the people enjoy it
Alec Reyes	91016	
Allie Kiekhofer		I am a lifelong LA resident and have watched countless LA neighborhoods be consumed by gentrification by way of luxury housing, which destroys existing communities people en masse into homelessness. Lincoln Heights must not suffer the same fate. Especially during an unprecedented pandemic with mass evictions looming and no affordable housing or contingency plan in place, greenlighting this project is not only irresponsible but actively racist toward working-class BIPOC Angelenos who have made their home in Lincoln Heights. I wholeheartedly oppose the 34th St/ Pasadena development.
Kristina niessner	90041	Gentrification
Kimberly	90005	Community members needs must be ensured over luxury development projects.
Edith	90875	We don’t need luxury housing now, we need affordable housing now ESPECIALLY because of the pandemic. So many people are going to be evicted, this project lines greedy pockets and doesnt help the people.
Carlos Carmona	90031	It will skyrocket rent in the surrounding area, causing low income, hard working people too vacate because of high rent.
Andres Montesinos		I have suffered gentrification once before and I can say that it is no a fun ride
Victoria Trinh	90020	It’s displacing folx who’ve been living there. It also isn’t a project that was asked for by the people!
Darcy Bartoletti	90031	Because Los Angeles is unaffordable to live and it’s getting worse.
Sara Horn	91403	
Stephanie Hernandez	90017	No gentrificación!
Emily	90034	fuck gentrification!!!!
Rosa	90255	Gentrification affects the lower class community in a negative way.
Juan Lopez	90003	Gentrification
addie	10011	
Nat Tereshchenko	90004	This community needs affordable housing, infrastructure, and economic support NOT luxury developments that will further exacerbate the housing crisis. Developments like this are DESTROYING communities
Erica	91344	

Cristian Ramirez	91711	Because community matters
Lily James	90068	It promotes gentifrication in Lincoln Heights.
Kyla Gelev	90004	I am against the unlawful eviction of people and also gentrification for the benefit of white people and businesses that do not care about the communities they are destroying in the process of gaining wealth.
Jack flores	90065	We need more affordable housing projects for locals to move out on there own and the ability to stay within the North East Los Angles area.
Kevin Chu	90012	Gentrification displaces working class communities and encourages people who do not contribute to the local community to come through and wreck it bc it is "trendy".
Yvonne Gavriel	90042	Projects in communities are suppose to help and benefit the people who have been there. The establishment of this building will only affect the community in a negative way! The building will displace families and possibly leave many others to face homelessness. How is this building positively contributing to the community? Who can afford to live in this building? Why is this project being left in a dark room, these injustices need to be stopped and shined a light on.
Jake Peters	91776	No gentrification
brandy alvarado	90065	This would be displacing so many people who have lived in this community for years. Lincoln Heights was my home for 8 years and I know it is a community for the middle class families. Do not take this from them. Stop displacing our people and separating FAMILY.
isabella jacobe	91203	
Briana Rosas	90042	There's a homeless crisis in LA county, and there are families that need affordable housing, seniors need affordable housing, immigrants need affordable housing, and college students. Stop building luxury housing for the white and rich. Serve the community.
cyndy	90042	because it is gentrifying the neighborhood.
Danni Fry	90033	Yes do not build this monstrosity
Yajaira Villarreal	90031	Because I live here and I fear displacement
Lauren Garrett	90025	Because people shouldn't be displaced during a pandemic! Where will the residents go when the rent inevitably rises because a gigantic corporate housing unit has taken up abortion of the community.
Jay	90012	
Zion	90032	gentrification is 21st century colonialism
Sabrina Herrera	90031	We don't need more unaffordable housing in Lincoln heights
Angela	90031	
Enrico Cortes	90057	Longtime residents will be displaced from their homes. Rent increases to the area will result in a large amount of illegal evictions and many elderly residents will be forced on to the streets.
Leslie Santiago	93550	I am currently not living in Lincoln Heights, but I used to live in Cypress Park up until 2016. The reason I live in Palmdale now is because of gentrification efforts and building projects like this one. I know what it is like to be displaced; I have experienced it first hand. Being displaced from your own neighborhood that you grew up in is not what these residents need. They don't need luxury apartments, and they don't need 3 years of construction across their streets. They need to be heard. It is bad enough many of them have to live near very polluted areas (freeways, factories etc). Construction will only release more toxins into their communities, and they don't need that. Disturbing the community and the natural life that has setting it's roots for years and years should not have to be a sacrifice for luxurious apartments that won't benefit the residents of Lincoln Heights one bit. Bringing out the toxins from the ground will further put this community at risk. If this project happens, your new tenants will not be suffering... it will be the Lincoln Heights residents who have built their lives here who will have to bear the lower end of the rung. Not only will this project inevitably displace residents, but it will affect their health severely as well. Don't pass this project .
Priscilla	90021	
Blanca Rodriguez	90031	I am a resident of lincoln heights and im scared of getting displaced
Belen	90032	
Claudia Guzman	90031	New project equals gentrification. The goal is for affordable housing for low income families.
Erbey Pineda	90031	As a low income person creating these luxury apartments will only kick low income families from the area. It is wrong that they Latinos, Hispanics, and African Americans as pieces of meat.
Luis Landeros	91342	Gentrification is violence
lyric	90057	there are enough luxury properties in los angeles - we need affordable housing with community in mind
Jaqueline	90031	
Hector Montano-Reyes	90031	It's gonna rise the price of rent among the people whom live in the neighborhood.
Conrado Huerta	60629	No gentrification no more oppression!
Diana Betancourt	90039	This project will only provide housing to the rich. It will cause a domino effect of further increased rent due to gentrification. No one in the community will benefit from the project.
Dalia gonzalez	91104	This will drive up the price of living in this neighborhood.
Andrew Miranda	90039	We can't stand to continually see the blatant racism towards working class minorities and their communities within these kinds of actions and its time they listen to us.

Shar	91208	I oppose the project because Los Angeles is built on history not luxury apartments.
Amairani	90033	I oppose because community members are not being included. The project is not for the community! In which will only serve to displace community members.
Ezekiel Stratton		This development hurts 90% of Lincoln heights residents. This development is a blatant and obvious attempt to displace a population in a largely rent controlled area and shift demographics away from the minority communities that currently inhabit it. When projects like these, which are bad for at least 70% of the community (low income housing eligible renters) it's obvious to see that the governing entities are more interested in lining the pockets of real estate developers than the well-being of the communities they were intended to serve.
faith	91302	the people of licoln hights are here and deserve to be heard
Amanda Sanchez	90022	minorities should have a say in what they want in their communities, especially when it comes to having housing that's actually affordable
Daneyda Garcia	90031	As it is homelessness has become a greater issue for families in the community there is need for affordable housing not the opposite
Naomi Clements Gettman	90031	It is harmful to the Lincoln Heights community because it will displace the families that already live there
Oona Foley	91030	Fuck gentrification
Anahi	90031	The reason I oppose this project is because I will not stay here and watch my community disappear. A lot of things won't be the same. I say NO to these "luxury apartments"!!!!!!
Joel Martinez	90031	Bad
Vanessa López	91342	Gentrification only harms those who live in the area and either makes it harder for them to survive financially or drives them out of the homes.
Daneyda Garcia	90031	As it is homelessness has become a greater issue for families in the community there is need for affordable housing not the opposite
Briana Gonzales	90031	This will ruin the community!
Gabriel reyes	90031	Because this is are neighborhood there trying to push people out with high rents. I personally know people that got kick out of there homes or forced to move out cause there either scared no papers or don't know they rights this has to stop.
Laura	91423	Very against gentrification
Jennifer Aparicio	90031	A "project" like such does not help the community. It only allows luxury to be seen at a wider range than before. If this was an attempt to help the Lincoln Heights neighborhood, developers would work on affordable units that would fit the predominantly low income residents of the area such as the already developed, Manitou Vistas Apartments. Putting in place these units would only drive out the hard working class as it has already happened in other communities of North East Los Angeles.
Ahladini Veerina	90041	Displacement is not ok, the people of Lincoln Heights must be heard.
Jacqueline	90006	My family is from Lincoln Heights and I'm tired of rich white people colonizing every inch of my city, forcing natives out.
Diana J	90031	Gentrification and displacement are preventable, although the developers might have invested to create this project, it is not a project that is meant for the community that has lived in and created Lincoln Heights as we know it. During the pandemic the Latinx community has borne the brunt of its deleterious effects, including loss of income and fatalities. This project does not enhance our community—it violently pushes us out, exacerbating the economic burden the pandemic is already presenting. This property is an investment project at the expense of Lincoln Heights residents, there is a risk for developers and investors as our leaders you must fight for our security not external developers that will not feel the impact of housing insecurity if this project is completed.
Diana J	90031	Gentrification and displacement are preventable, although the developers might have invested to create this project, it is not a project that is meant for the community that has lived in and created Lincoln Heights as we know it. During the pandemic the Latinx community has borne the brunt of its deleterious effects, including loss of income and fatalities. This project does not enhance our community—it violently pushes us out, exacerbating the economic burden the pandemic is already presenting. This property is an investment project at the expense of Lincoln Heights residents, there is a risk for developers and investors as our leaders you must fight for our security not external developers that will not feel the impact of housing insecurity if this project is completed.
Diana J	90031	Gentrification and displacement are preventable, although the developers might have invested to create this project, it is not a project that is meant for the community that has lived in and created Lincoln Heights as we know it. During the pandemic the Latinx community has borne the brunt of its deleterious effects, including loss of income and fatalities. This project does not enhance our community—it violently pushes us out, exacerbating the economic burden the pandemic is already presenting. This property is an investment project at the expense of Lincoln Heights residents, there is a risk for developers and investors as our leaders you must fight for our security not external developers that will not feel the impact of housing insecurity if this project is completed.
Penelope Uribe -Abee	90032	I work as a city employee at the Lincoln heights youth art center. This project effects the constituents we serve because it poses a threat to low income housing, we don't need a luxury development . Not to mention the traffic and pollution it will cause in the neighborhood
Desiree Garcia	90640	I oppose the project because I have been a member of the Lincoln Heights community in Los Angeles since birth. I was raised in Lincoln Heights.
Daviona Moore		I oppose this project because this is gentrification at its finest.
Anna Gonzalez	90606	Because it's wrong and not helpful for the community of Lincoln heights

Jacqueline Mejia	91030	I oppose this project because I am in community with people in Lincoln Heights and their lives are not being regarded with this project, in fact their lives are being blatantly disregarded and treated as disposable. It's violent and dangerous. It also is not democratic at all. The city's politicians are supposed to be working for the community not against it.
Christine Severin	90004	We don’t need another big apartment pimples! Overcrowding, years of construction, no parking, tearing down trees, close to an elementary school... the reason goes on and on. Please don’t allow this!
Abigail	90031	To stop the illegal evictions and prevent further gentrification to the community
Annie Woods	91103	It is not fair to change a historical neighborhood just to make expensive, generic “luxury” housing.
Isabella scaffidi	90015	
Yazmin	92701	I oppose the project because the community of Lincoln Heights deserves their elected officials to have their interest be a priority. That is not the case by building a luxury building that the most of the community cannot afford and again have the underserved working class be put out of their own city.
Stephanie Morales	90032	I’m opposed to the project because I feel Lincoln heights don’t need this luxury high end complex. We need affordable housing instead and help in the community.
JESSE sanes	90031	Bc it will destroy the fabric of the LH community and erase generations of culture
Kirsten	90065	To preserve the genuine charm of Lincoln heights
Jason Venzor	90007	I oppose further expansion of gentrification in beautiful Lincoln heights.
C. javier Rodríguez	90065	aside from there been homes and building already there. this will only increase the cost of rent, increase cop harassment of houseless folks and POC and contribute to gentrification of our communities.. ei. more stupid coffee shops and yoga studios...
Lonnie	91755	Lived here when for years when younger/anti-gentrification
Jose Alvarez	90031	Working class family homes should not be preyed on by investments groups.
Jonathan Maghen	91602	Affordable housing is a human right
Julio	90031	Gentrification
Andy soto	90242	Prefer to keep my opinions to myself
Mariana Romero		It would take away a school so close to the Community . It would also bring non necessary bickering when we are happy the way things are there .
Victor Heras	90033	Completing this “project” is a form of gentrification and should not be displayed in a powerful, diverse working class neighborhood. The people must have a say in such a “major” development
Sharon	91344	Gentrification leads to impoverished people to homelessness with no care.
Johnny Langan	90027	This is a disservice to an established neighborhood. Not only is this project unnecessary, it is actively detrimental to the existing community (which has already had to navigate the negative impact of gentrification). This will force families out of their homes, decrease quality of life and give further power to systems that favor the wealthy and the white. This cannot happen!
Michelle Jarmon	90065	Ask the community what it wants. No gentrification.
Martin M Gonzales	90031	we need apartments. Not luxury apartments the people who live here can't afford those .causing people who would live here leave ..we don't need rich generalized people here that will try to change our culture!
Jaime M Reyes	91104	This is the PEOPLES LAND! You’re just pushing all the hardworking people who built and worked their whole lives here for people to enjoy hard work we’ve done to survive here and for them to know no history!
Krystal Diaz	90031	This will cause displacement to many low income people in our community.
yodit	2118	unfair to the people that live there
Jasmine		This will take away from the community more than it will provide.
Lillie Campos	90032	Gentrification has no place in Lincoln Heights. Build affordable housing for its residents instead of luxury housing for outsiders.
Aaron Elvis Jupin		It’s displacing a community in a multitude of ways. We don’t need any more of these high end apartments that are not only and eye sore but also don’t provide any housing for the community it’s moving into.
Elsa Teodocio	90005	Because it is not made to benefit the people who live there or of low income. These new homes will end up forcing people who live there to move because they need to make space for construction and later will cuase rent to increase.
Corina Perez	90032	Community displacement
Amanda Lucido	90029	Because this housing development is erasing the culture of Lincoln Heights as well as the livelihoods and opportunities of individuals who have lived there for generations. It is an extreme example of negative gentrification and the fact that it was escalated so rapidly during COVID suggests that there are corrupt motives.
Molly Miller	90065	This building does not have the community at its interests
Stephen Sariñana-Lampson	90031	Project scope & scale inconsistent with community's carrying capacity.
Jose Avila	90032	I do not want this long standing and beautiful community to be erased by pure greed.

Rachael Buley	90046	Buildings like this are ruining the city
Nicole	91786	I grew up around Lincoln Heights, there's a clear sense of culture and community, and building this would put a gaping hole in it.
Ellen Connaughton	90029	I don't want to see another LA generation get priced out of an east side neighborhood
Gisselle Mauricio	90065	It will cause gentrification and bring more trash to the river
Rich Thach	90031	It doesn't help the community already there.
Zoe Peretz	90019	Let people be able to afford their living spaces! Stop moving families out
Ariel Quist Sprawls	90031	We are in a CRISIS right now for renters and low income families. Please, do not put so much money toward luxury housing. Do not let wealthy people exploit the goodness of this area. Use the space for the people who need it most right now, use it for the people of Lincoln Heights. MORE Affordable housing would be so much better for those of us living here now!
Elsie	91202	To build a building that will change the lives of MANY, the cities OCCUPANTS must have a say in these plans. We say NO to sneaky development projects that know damn well we don't want them. If they made affordable housing, you know they'd have allllll this talk. But when the city has the opportunity to build expensive housing in an area with "room" to build and make money off of, they ask NOBODY. City developers should keep NO secrets from the people living there, it makes no sense and it's not democracy. Case closed.
Francisco Rodriguez	90032	Everything can have place in this city, but not in this working class neighborhood- where low income families living there will be pushed out to accommodate white rich people
Gabey	91740	i don't support gentrification
Jessica Noriega	91723	Absolutely disgusting.
Ian Betancourt	91201	Families who've lived and strived in THEIR city for generations will be removed for the selfish act of making profit off a building that does not belong in that neighborhood.
Samantha Williams	90033	This project has the potential to displace families who make this community, and inconvenience those who would continue to live here if the building does go up
Gisselle Ulloa	90023	I oppose the project because it is important to reserve as much community history as possible, gentrification is one of the biggest problems out there for low income communities that seem appealing to the more fortunate to live in, yet instead of moving I'm homes that are already available.
Maddie Velasco	91709	This is my hometown and we need to keep the gentrification out!
Arlene Alvarez	90006	gentrification will not be tolerated in our comunidad. Before they build multi million dollar condos. Fix the community and help the people!
Charlotte Umanoff	80210	I used to live near Lincoln Heights and spend time there and there's no way in hell that this project will do anything but harm the communities that have called LH home for so long. Projects of this scale should ALWAYS require community input and not doing so is violence. NO al proyecto 🙅‍♀️🙅‍♀️🙅‍♀️
Samantha Perez	90031	We need affordable housing and the ability to voice concerns
Marlene Deras	90031	Gentrification is harmful
Brianna	90504	
victor go	90014	investing in the communities as contributed, voted and approved by the folks who live there is absolutely necessary to keep gentrification from displacing folks who have built that community.
Lucia Borunda	90003	Because gentrification is a killer
Kristen tiscareno	90011	We need affordable housing for the already residing people of this state
Lavonne Ramirez	90065	We need affordable housing in Lincoln Heights.
Matthew Flores Figueroa	90042	It is destroying the culture of diversity that used to exist in LA
Catherine	91101	We need more AFFORDABLE HOUSING in LA, not this junk!!
Georgia	90042	Because of my demographic, I am complicit in gentrification. I want to do what I can to counteract the effects of my presence in NELA.
claire gianoli	91342	i do not believe this will benefit the residents of lincoln heights
Shelby Gogreve	90042	Gentrification and disrespect to community. Will harm families and businesses.
Tess Langseth-DePaolis	90042	This project will displace Lincoln Heights residents and is a violent act of gentrification.
Evelyn R. Cornejo	90039	I have family and friends that live in this community and the more "affordable" buildings they do the more expensive it will become and they will be forced to move
Evelyn R. Cornejo	90039	I have family and friends that live in this community and the more "affordable" buildings they do the more expensive it will become and they will be forced to move

Sophia Li	90063	To fast track a development that will drastically change and rapidly gentrify Lincoln Heights without involving the community at all is unethical and will only hurt the residents of Lincoln Heights.
Pedro Villaneda	90031	Gentrification without limitation or accountability is segregation, and stealing.
Karla Guardado	90031	I oppose the project because the majority of our community rents and rent is expensive enough as it is. This will only push out the people will no longer afford to live here. It will break out community apart.
Ciaran Brown	40204	This project will only hurt the people who have lived in Lincoln Heights, some for generations. The intent is not to invest in the community but to change the community.
Julia Driscoll	22207	It will harm the existing community
Madolyn Gianoli	90033	
Matea	90039	Because what is needed is more affordable housing. This development only further gentrifies an area that needs protection from gentrification.
Lua K	90024	
Barker Thompson	90039	Gentrification ruins communities.
Nellie farrow	90042	Gentrification and displacement
Stephanie Lopez	90031	These luxury apartments will not benefit the Lincoln Heights community. I have been living here for over 25 years and I have seen how neighboring communities have been affected by gentrification and even Lincoln heights.
Anahi Gildo	90031	The soil is toxic
Guthrie King	90036	Gentrification is violent action on the longtime residents of any neighborhood, but especially Lincoln Heights. I am vehemently opposed to “new development” that excludes the current economic make up of a neighborhood.
Sebastian Lara	91502	It is racist
Miriam Gabriel	90042	Projects like these do not contribute to the community in anyway.
Robbyn caudillo	90032	Keep gentry out of Lincoln heights
Samantha	90063	
Blair Windette	90018	Luxury apartments are not good for LA. How many empty units are around the city right now? Do better for the people
Danielle Groode	91401	Gentrification harms the people and the community
Karlin Eddo	90068	It will squeeze out more affordable housing. We need more affordable housing not more housing for only the wealthy. Plus it looks terrible!
Teresa Perez	90042	Stop pushing people out of their homes
Sakkara Payne	85020	From my what I have read and researched: no one in Lincoln Heights was given a heads up about this. This happening right under the communities nose, and that, is vile. As well as all to similar to The Berlin Conference of 1884-1885. Where the European Nations broke up Africa for themselves like a pie. The natives were NOT consulted nor informed, even though they have been there decades before them. I am against Secret meetings. I am against destroying The Culture that thrives in Lincoln Heights. The Culture that has always been there, that has been fought for, that has Roots; deep into the hearts of the People. I am not a resident of California, but I was, for 5 years. I’ve been to York Boulevard in Highland Park. Seen the vast difference of what is and what used to be. The Culture is hanging on by a thread and They have the scissors. I am against Gentrification because it benefits ONLY white people, and their interest. It leaves POC and low-income families with absolutely nothing. For who? White people that ALREADY run this country? No. This is not 1885, and we are not going to allow this.
Frances	90272	We need affordable housing not gentrification!
Daniela Aviles	90031	I oppose this project because it is furthering the gentrification agenda in Lincoln Heights.
Luz Colunga	92570	The gentrification of the small communities of color must END NOW. These communities have had enough of being pushed out of their homes simply to satisfy powerful white people with money.
Denise Espinosa	90065	Unnecessary
Arianna Zamora	90063	Because if those homes are built no one will move into them and they'll keep trying to make lincoln heights into a wealthy area and the Lincoln heights we know will be erased
mae powell	94607	the neighborhood should be for the people! this gentrification needs to be stopped.
Xochi Maberry-Gaulke	90039	It will price out residents who have been living in that area for generations.
Addison King	90041	The largest modern construction project in the city’s history should provide more transparency than is currently being given. Let the community speak!
Elena Grimaldi	11237	Gentrification at the sake of people’s homes and livelihoods is not cool!!! Invest in neighborhoods / areas don’t rip them apart for a “luxury” experience 🤮
Sabrina	91803	Gentrification
Barbara	90031	Overcrowding

Teagan langseth		
Thor Fienberg	90065	Unethical
Madeleine Giles		
Eren Vazquez	90031	I oppose this project because we need to keep Lincoln Heights in tact and they’re only doing this to wipe away our people who are only trying to survive.
Saya Maeda	90041	
Saya Maeda	90041	
Katherine Delgado	91801	This project does not have the community in mind and is only focused on the monetary gains created from this development. This will not help to create a healthy ecosystem in the community and will displace so many people!
Eva Townsend	90039	I oppose development of Lincoln heights and the increasing cost of living for long time residents of the area
Grace muller	91104	
Mario Guardado	90004	This project will displace many low income and minority residents from their homes during a time of income loss and increased rent.
Gary lopez	90065	this project will be an eyesore that is an open invitation for the eradication of the culture of the people who made this neighborhood what it is.
Debbie Hernandez	90065	Itll enable increasing property costs of the surrounding areas in a neighborhood that is already in the middle of fighting gentrification
anythony	90063	i dont support the continued attempt to displace low income communities by building luxury apartments who will eventually raise the price of rent in the community
Martha Topete	90031	Lincoln heights has been my home since I was born and it cannot get gentrified
Cristabell Fierros	90031	Instead of building a condo, build affordable housing especially during economic travesties and pandemic turn out. Lincoln Heights has a high population of low income tenants and majority are elders. This also does not insure building plans, such as health codes and landscaping.
Sofía	90031	This is one of the oldest neighborhoods in LA. I don’t care about flashy new condos. What we need is a community that supports all the businesses and families along Broadway. There have been a few “hipster” places opening but they support the community, higher people in the community. But kicking people out so only the 1% can survive here is a fucking crime. At least it should be.
Marlene Arteaga	90033	
Miryam	90031	It does not benefit those living in LHts
Claire coudray	91786	I oppose gentrification of this area
Ariel Climer	90005	I have seen high rise developments go up around my neighborhood in Ktown and many low incomes families have lost places to rent. Just because minimum wage went up a little bit doesn’t mean people can afford rents $1000 higher than before. We need affordable housing.
Joshua Camacho	90031	THIS DEVELOPER AND THE CITY OF LOS ANGELES DO NOT CARE ABOUT ITS RESIDENTS!!! THIS MAN WILL PROFIT AT THE EXPENSE OF THE PEOPLE WHO HAVE LIVED HERE FOR YEARS. HOW DOES ANYONE THINK IT IS OKAY TO BUILD 500 APARTMENTS ON TOXIC POISONOUS GROUND??? THE CITY OF LOS ANGELES AND ITS CORRUPT POLITICIANS HAVE TO BE STOPPED
Madaline Nevarez	90032	
Jacqueline M Colindres Paz	91405	gentrification is not ok.
Saul Narro	90042	It does not belong in Lincoln Heights
Naomi Rubalcava Levinthal	94707	I live in the Bay Area where gentrification is an ongoing issue that pushes working class communities out of entire cities and neighborhoods. I know that this is an issue that I have contributed to, and so those of us who have contributed to the problem must do better at listening to these communities and putting their needs first. The way this project is being undertaken with little to no input from the community is incredibly disrespectful and harmful. The people of Lincoln Heights deserve to have their voices heard and listened to.
Gabriel Gutierrez	90065	None of the affordable housing units have benefited residents along with the liquor licenses approved for incoming businesses that are not in support of the community. Adding this luxury development is antithetical the health and wellness of Lincoln heights and the surrounding communities. Gil Cedillo has ignored his constituents and continuing forward with this will continue proving cedillo supports developers, not residents.
Leigh Marks	90031	the rent is too damn high in this neighborhood already.
Yanet Lopez	90031	Because it’s not fair to cultural history.
Vanessa Duran	90042	I am against the gentrification with a 468 luxury apts to the city of Lincoln Heights, jeopardizing the community with majority of members being minority and unable to handle the gentrification ramifications to the city.
Bella Bilandzija	91001	Stop removing people from their homes. This will only create more division. Listen to your fellow people.
Dylan Sanders	90042	Corporate development destroys the historical culture of Lincoln Heights, leading to more homelessness & poverty of already marginalized communities
Daniela Hernández	90023	We must stop displacement of Lincoln Heights residents! Luxury apartments are not wanted or needed; we need more affordable housing to address the needs of our community.

Laila Jaffer	91106	Luxury apartment buildings have no place in East LA with the city's current housing crisis. We absolutely have no capacity for this kind of development right now, especially with so many current residents in need of such different resources due to Covid & income inequality.
Alana Bradley	90031	The economic recovery that lies ahead post-pandemic is long and fraught. This development will not pump money into our neighborhood, but into the pockets of investors, management companies, and developers outside this community. We can certainly have nice things without eroding the economic foundation of our most vulnerable people. Start developing with the current community at the forefront.
salla	91104	
Alexandra Brown	90065	We need affordable housing for the community. No luxury high priced units at all should be built here!
Alessandra Okuma	90063	I'm against gentrifying our communities
Pedro Gonzalez	91770	Time and time again, new "developments" tag along with increased rents and erasure of culture and history. People will be forced to move out of their community and potentially into the street. By the time this project would finish, working class families will already be hit with, what we are already seeing, mass unemployment and economic recession.
rudy f	90007	we need to protect local communities !!!
Kelsey Aloise	90042	We need affordable housing, not fast tracked luxury condos with zero community input!
Joell	91791	For the people that have been living there for years
Tommie Leon	90037	It's going to damage the community that has been there.
Nicolas Gomez	92675	This luxury development project failed to properly inform, and include, the residents of Lincoln Heights. Any meaningful dialogue that may have authorized, or given consent to the project, bypassed the neighborhood city council.
Nicolas Gomez	92675	This luxury development project failed to properly inform, and include, the residents of Lincoln Heights. Any meaningful dialogue that may have authorized, or given consent to the project, bypassed the neighborhood city council.
Ireri	90033	We need affordable housing in Lincoln heights not luxury apartments. There is already a housing crisis here which has gotten worse as a result of Covid 19. This mass project will contribute to the displacement of working class families in our city. No to gentrification !
Katherine Borkov	11209	
Julie	90012	No more gentrification!!!
Alejandra Colon	90042	It does not support the current low income families that live in that area.
Janice Santiago	90031	This will only mke it worse for existing rent controlled housing already at risk. Stop this gentrification in my neighborhood.
Lesly Monsalve	90033	Because Latinx and Asian American communities should not be displaced. Community before profit.
Joe Rodriguez	90031	It is another project that will displace moreresidents of our community of Lincoln Heights.It is also illegal and the community of LH was not taken into considertion
Addis Daniel	90016	We need more low income housing not luxury Apts
Jeffrey	90031	I don't think it's a good idea because it's in a low income community and if it gets build it's going to rise rent in other residential areas. I live in a rent control building and having affordable housing is important. I totally understand that the person maybe owning the building got bought out but that doesn't mean they shouldn't hear about the people have to say. There is enough people in Los angels and this is just going to attract more traffic we need to think about the environment and population!!
Felicity Alexander	90031	Gentrification. Traffic. Noise. Disrupting the neighborhood. Neighborhood doesn't need it.
Lisa Nicola	90042	Public health!!!
Rebecca Schroeder	90042	This is an awful addition to the community.
Alex Fernandez	90031	This is marginalization of underserved families and poses a danger to the cultural integrity and economic stability of the community.
Daniel Soto	90036	As a fellow resident of the city of Los Angeles who rents an apartment—and who relies on the city's rent control ordinance in order to afford to live and work here—I stand in solidarity with the residents of Lincoln Heights who vehemently oppose this proposed new luxury apartment complex. This development does nothing to serve the current residents of Lincoln Heights, nor does it benefit the millions of residents of LA who are currently unhoused and/or facing housing instability during a global pandemic.
Naomi Menezes	90004	The prevalence Luxury units being built in Los Angeles is detrimental to the health and community of the city in the long term
Naomi Menezes	90004	The prevalence Luxury units being built in Los Angeles is detrimental to the health and community of the city in the long term
John Lam	90031	All the dust and pollutants from demolition and building
Citlali	90022	I do not want to see another historic neighborhood get overruled by the wealthy. Fight it as much as we can.

Henry Perez	90031	Our community needs affordable housing. Luxury housing leads to displacement.
Joseph Lorge	90012	We do not need more unaffordable housing developments that displace members of the established Lincoln Heights community
Kasey Ventura	90032	We’re in a housing crises and witnessing folxs being displaced - during a pandemic we should house the most vulnerable not create luxury housing
Gabe Allanoff	90290	Gentrification is an act of violence, racism, and white supremacy, and we will not allow it.
rhiannon wilson	90004	
Charlette Gibbs	91604	because genification is apart of systematic racism, especially within larger cities.
Ashley Velasco	90017	I have witnessed hundreds of families go from a one bedroom apartment to their cars if they're even lucky to own a car. We need to stop and consider that not all families are making hundreds of thousands of dollars a month and as it is can barely make ends meet. We need more affordable housing for thousands of hard working angelenos.
Sydney	94112	So many citizens will be displaced. They will lose their homes just because a luxury condo will be built there. No one living in Lincoln heights can afford a luxury condo. Gentrification needs to stop.
Valerie vargas	90065	It will be pushing out current residents who are there and raise prices in the neighborhood forcing generations else where in a city that is already expensive
Frances	90039	The installation of new apartment buildings in areas primarily inhabited by POC is an act of violence! It’s a capitalist device to drive long-time residents out of their homes and allow white, upper-class intruders to move in.
Lucie		Displacing families is violence
Hilary Siegal	90004	We need to protect the surrounding community and their best interests, which this project goes against.
Arabelle Van Ranzow	91106	
Rafael Guzman	90065	No need for luxury apartments in this area. When the current residents and population in the area can't afford it, it is a problem.
Daisy	90032	
Michelle Reyes	91343	Gentrification sucks!!!
Audrey Harrison	90012	Fuck gentrification. They don’t even know the neighborhood they are in, says enough they don’t deserve to be there they are crooks.
Laura Recchi	90026	Unfair housing development practice
Carina Zamora	90031	This project will only pose a threat to our low income community and vanish it.
Sophie Yun	91107	
Adan Alonso	91801	We need more affordable housing, not luxury apartments. I respect everyone’s right to make a profit but not at the expense of people being able to afford a home, apartment, or be subjected to exorbitant rent increases based purely on speculation/greed.
Kevin Caballero	91780	Residents were not spoken to regarding the construction of the building. Encroaching gentrification. Unsafe building.
Rocio Vela	90031	The community would not benefit from the project one bit. First the rent would be so high that the community could not afford the rent. Then the additional traffic the project create. Lastly the wast it would create. Environmental wast is to high of a price the community would have to pay.
Angelica Loa Perez	90640	This development will further gentrify the Lincoln Heights community. Our current, largely immigrant and low-income residents should be prioritized over the interests of outside investors and developers. Lincoln Heights needs affordable housing and current residents deserve the right to stay in their homes!
Nicole Battaglia		86% unaffordable housing in a community with a median income of 30K amounts to forced displacemebt
Katherine M	90023	Gentrification has been at its high in Boyle Heights; Our rent has skyrocketed in the past several years due to the area being built for apartments that are beyond our cost.
Janette	90022	
Martha Vazquez	90065	Because it will bring price up of rental for people in low income community of LH. Also after what jose huizar did no project should be allowed of rebuilding apartments to gain profit.
Kaivalya	90024	Gentrification is parasitic. It displaces so many folks. Lincoln heights is a strong and beautiful community. Do not dismantle it.
Brian Ocaranza	90031	We don't need more people here. We are crowded. Are schools here are small. We dont want the whites and rich to move here. No no no. Why not build another school. Genterfication!!!
Lia Gamino	90031	We do not need this huge project in our small community. Also, no one ever asked the people of this community for our input.
Jose	90031	I oppose this project because it won’t benefit the community it’s just going to create hoax and a lot of traffic! This is a step to gentrification and that is what is planing to happen in Lincoln heights. We have to stop it before it becomes a bigger part in our life. Lincoln heights is full of culture and by putting those apartments the prices would go up causing la raza to move out. I don’t know how people could do such a thing. They are here just to destroy our community. GENTRIFICATION IS VIOLENCE STOP IT RIGHT NOW THE COMMUNITY OF LINCOLN HEIGHTS WONT ALLOW THIS TO HAPPEN!! IT WONT BE HAPPENING MUCH LONGER!!
Oscar Zaldana	90031	We don’t need luxury apartment in Lincoln Height. This project will increase illegal eviction. This project will hike up the rent in the neighborhood. The people in Lincoln Height didn’t get a say on this development.

Juliana Aguirre	90031	Because we have luxury apt and it will take away for what we stand for as cummunity
DEVIN	90031	
Bethsaida Brooks	90042	stop gentrification in our communities!
Steven Alatorre	90032	We the people affected by gentrification know all to well the affects and aftermath of such a project. The only ones who don’t seem to consider or care are the developers funding these projects and those that will live in those spaces.
Meg		Because the people do not want this and disrtbing nature
Sara Silva	90026	It is not fair to build luxury apartments in an area where the current people living there cannot afford. This will displace many families who have been living in the neighborhood for generations and invite more gentrifiers.
Tessa Williamson	90011	The ground is toxic, this is unhealthy
Antonio	90063	If the housing doesn't benefit the community or isn't community friendly then it can only damage he community
	90031	After knowing that Jose Huizar was paid off in order to approve developing plans why aren’t we putting a hold and reviewing all plans in Los Angeles County. How do we know that Gil Cedillo knows what he’s doing or that he’s not being bought? Also, how do we know if the person who works for City Planning is fit for the job , I believe that person should be reviewed and fired without paid leave. I also demand the person who approved these plans to show us why they approved it without community input . For Cedillo , you claim to care for immigrant families but how can you care for immigrant families if they are being displaced , if you and your team keep pushing them out of the place they now call home. If you’re a sellout like Huizar just resign already. I oppose this project because 1. I do not trust how these projects get approved by the city 2. There was no community input 3. You did not make the community aware in the languages that they speak /understand 4. Cedillo should be under investigation too
Stacy Dawson Stearns	90039	1) With one member of City Council already under FBI investigation for development-related crime and corruption with others to follow - all projects that were passed through the gate without proper community input and dialogue MUST BE HALTED and RE_EVALUATED immediately. Cedillo could very well be looking at FBI agents at his door any day now. 2) Rich white people need to stop gentrifying Lincoln Heights with massive buildings that don't have ample parking and that are out of price range for current residents. This building is bullshit on every level. The CITY NEEDS TO PUT A RED LIGHT ON ALL DEVELOPMENT of this kind and focus on the renters who are facing eviction in the pandemic. Follow the money- let's see if Huizar had anything to do with this.
Lauren Bollinger	90042	Working people of Lincoln Heights deserve affordable housing! Not luxury developments that will only further displace them and lead to gentrification.
Teagan Jarvis	90041	It will impact too many negatively
Kiara	90031	It will displaced a ton of people and break the community we worked so hard to maintain.
Angel d	90031	Our community needs affordable housing, not luxury. Luxury housing will also bring forth gentrification and displacement of longtime residents.
jasmine figueroa	90201	people i care about are being affected
Victoria Urenia	90031	This project does not serve the needs of people in Lincoln Heights. This unaffordable luxury apartment project would lead to further displacement and gentrification of our community.
Emilia P	91208	I don’t believe renters should be evicted to make space for gentrification of their own community.
Andrea	89139	Anti-gentrification
Dominic Colangelo	90029	I oppose this project because it will further displace the citizens and split the community of Lincoln Heights. With its rich history embedded in Los Angeles culture, the project will be a divisive factor in the community for generations to come. It pushes the poverty line in an area where residents are struggling to pay bills and want to stay in their homes.
Jay hernanez	91402	cultural values
Michael	90031	No public input ... density impacts
Kristen ann	91118	Stop gentrification. Stop greedy developers.
Lukas Jann	90039	Because it is a force of gentrification in a classically low income community. The methods being used to secure this space assume that no one will speak out for the people being pushed to the side, so we must speak out.
Ian H	90065	Putting luxury units in a place where homelessness is on the rise and people are struggling to keep their houses during a global pandemic is morally reprehensible.
Andrea Aguilar	90065	Oppose
Kenndra ayala	90063	I want to preserve my community I don’t want it to be gentrified like highland park is
Kimberly Menjivar	90031	low-income families need more opportunities and resources to escape their struggles and move forward to provide a better lifestyle for their children and themselves.
Nicholas Gehlken	92154	This project is for pure economic gain. Massive amounts of money generated from this project will go into the coffers of developers who do not know or live in the low income community of Lincoln Heights. The area is in crisis with this pandemic and high unemployment, and it is predatory and insidious for city leaders to welcome such project and veil it as beneficial for all. This project will only lead to displacement and alienation of Lincoln Heights residents in their own neighborhood which they built and fought for.
Sabrina Farooq	91007	Gentrification is evil!
Carlos Gomez	90011	Say no to gentrification!

Tiara Jackson	90026	I oppose these “luxury” units being built as this will only GENTRIFY Lincoln Heights thus displacing thousands of residents and families. It will do nothing but add to the housing/houseless crisis in LA. NO ONE WANTS THIS!!! AND ITS UGLY AF!
Nicolette Norgaard	90019	This is unnecessary, unaffordable housing that is negatively gentrifying Lincoln Heights
Celia Fonseca	90031	Son demasiados apartamentos para esta comunidad que ya de por si carecemos de recursos..el trafico seria un caos..aparte ya tenemos escuelas sobrepobladas..
Victoria	91780	
Alexander Propios	11221	It’s gentrification at its finest! Black and brown people will be forced out of this neighborhood that they’ve occupied for GENERATIONS! Stop this corruption!
Ian Nelson	91780	This project seems to clearly lead to the displacement of many Angelenos. It is unethical & greedy.
Victoria Urenia	90031	This project does not serve the needs of people in Lincoln Heights. This unaffordable luxury apartment project would lead to further displacement and gentrification of our community.
Vance Pfaucht	90041	Gil Cedillo is carrying on the elitist political culture that has plagued Los Angeles as a "major city" (and not a virtual city-state with it's own economic atmosphere, impoverished underclass and sizable homeless population) and this project is a glaring example of Cedillo's abandonment of the interest of the working people. This project should be repurposed into a lightly monitored unhoused civillian apartment complex, with supervised injection sites.
Jessica Navarro	90034	People deserve affordable housing not luxury shit that no one can afford. Plus that building will make the area even more expensive, causing more people forced out from there homes. It time to demand affordable homes/ apartments!!!
Jay Carlon	90042	The Pieter Performance Space has been home to many BIPOC and queer people for over a decade. Loosing this place, having just closed last month, has been tragic, and to see that it’s becoming luxury apartments is the epitome of blatant erasure and Genocide.
Juan Castro	90065	It doesn’t benefit the community of lhts
Margaux Hernandez	90270	The community needs affordable housing.
Natalia guerrero	91776	
Dafna erana	90042	Gentrification is violence; housing injustice is racial injustice
Jennifer wong	90031	We don’t need more unaffordable housing in Lincoln heights! Gentrifying developers need to get out of and stop trying to profit off of our communities. I am a homeowner here in Lincoln heights and I oppose this project.
Melissa Mateo		
Ruby	97217	I oppose gentrification of any neighborhood.
Lupe Davalos	90033	Just another project meant to run out low income residents. How can you make luxury apartments in a low income neighborhood like this? That's so unethical. People here are already struggling and as renters, they're susceptible to wild rent increases. I oppose this 100%.
Brenda Zhang	90039	This project serves outside interests at the expense of Lincoln Heights communities. We don’t need more speculative development anywhere in Los Angeles or in this country. Power back to the people.
Leigh Adams	91001	I love this community for its life and culture. This proposed monstrosity has nothing to do with either of those things. It is more of an invasion than an improvement. Insufficient planning, where’s the parking? Yuck!
Ariadne Makridakis Arroyo	91205	I don’t believe in the wrongful eviction and displacements of people and communities that have lived and sustained Lincoln Heights for years with zero transparency or community input.
Kelly Majewski	90026	It is an outrage that there has been no public outreach for this project. LA is a city in a pandemic, in a housing crisis, in a climate crisis. We should be looking at ways to help the community that already exists there and in the surrounding areas. Start by building truly affordable housing not just a few token units. It has been proven that luxury apartments near transit have over an over again gentrified areas and pushed out the previous communities. Developers can no longer get away with checking a couple of boxes for transit oriented designs an a few affordable units. It’s time to do more and do better!
Nickole Broom	90041	gentrification is detrimental to the ORIGINAL people who deserve to live there!!!! instead of throwing away the black & brown folx of your community, why not invest & better the ALREADY EXISTING communities & housing! do not kick people out of their homes in a time of a PANDEMIC just for white people to feel comfort of a new apartment. plus unemployment is up more than ever who’s gonna move in anyways???? OPPOSE!
Gabriella Sanchez	90014	This area needs more affordable housing. Not luxury apartments.
Amanda Medina Segura	90041	I oppose this because of the impact it’ll have on further displacing residents. People over profit.
Nancy	91744	Gentrification disrupts the minority population negatively
Felisa Vasquez	92507	I oppose the project because being from South central LA, I know what it looks like when many people are displaced because they cannot afford to pay rent. As well because I know that if my family lived there, they would not be able to afford such an expensive place and disproportionate displacing them. I DO NOT want this to potentially happen to my family members and NEITHER to other people. Why is it that council members think that they know what is best for their constituents when they DON’T have conversations with their constituents and the community. This is shameful and council members SHOULD be meeting with the community that they so call ‘serve.’

Mia Miranda	90280	
Alyssa	90022	I do not want to ruin our neighborhood with this
Esmeralda	90023	There is a need for more affordable housing instead of luxury!
Blanca Martinez	90031	We need more affordable housing in our community not for profit/large business that will disrupt and displace people at risk in our community. These developers know nothing of the community and do not seek to enrich it. They seek to profit and they are not wanted here.
Yuzu	90041	It’s unacceptable to displace people especially in the midst of a global pandemic.
Ricardo Parada	90067	the community deserves to have a larger say in what is happening in Lincoln Heights, this is just furthering gentrification and forcing out longstanding families and resident
Isabel Norsten	99041	We need to support communities now rather than investing in development that harms communities by displacing them and leaving them out of pivotal dialogues. Gentrification is violence.
HBN	90031	Soul of the neighborhood cannot be regentrified -
Marilyn Hernandez	90022	We need affordable housing
Angel Jimenez Jr	90032	Is against preserving the cultural normality and stability of the current residence.
Skylar Cummings	90041	I oppose the development and the gentrification of the communities who live in Lincoln Heights
Joe Merrell	90027	We need affordable housing in the city! No more unaffordable luxury (and often vacant) apartment buildings!
Alexis Torres	89147	Luxury apartments like this make places less affordable for the minority communities.
Joe	90034	It’s accelerating gentrification, it’s environmentally hazardous, and it’s disrespectful to the community of Lincoln Heights as there is no genuine community outreach or engagement- it’s just “checking a box” something the City of LA is all too familiar with
Sophannarot Sam	90042	
TeaganKowitz	91321	
Ivy	90041	Because it is unethical and selfish to allow for gentrification that will increase illegal evictions in Lincoln Heights and contribute to many families and individuals being pushed out of their homes. There already is a lot of gentrification in Lincoln’s Heights and will leas to more homelessness. This community deserves affordable housing. Please please do not let this apartment complex be built — the people of Lincoln Heights deserve better.
Angelina Long	90031	This project is not favorable to our community and it’s going to put us at risk. Residents will be displaced and our community will be further gentrified.
Puja Titchkosky	91207	Because they are taking homes away from brown and Black people and families to make another building that LA does not need.
Magdalena Olivas	90032	I oppose it because it'll increase rent and people in this community will be forced out more than they already are. I oppose this because it is not for the people of Lincoln heights
Jose Olmos	90031	Opposition towards this project because this development will not address affordable and sustainable housing in the area
Pinkie Young	90031	I used to live around the corner, please protect this neighborhood from increasing gentrification! I saw many families get evicted from our block, and our neighborhood!!
Misty	90031	
Marvin	90031	Parking issues, land issues, home displacement, gentrification, the business of the street in mornings will cause for chaos to the neighboring school
Edith		
Jocelyne Sanchez	90032	I saw how luxury apartments accelerated gentrification in both of the neighborhoods I grew up in, South Central and East LA. They are violent and displace so many of our wonderful community members. We don’t need more colonialism.
Marissa Guangorena	90031	They are trying to run us out of our own community .
Paul Pescador	90031	
Adrian Chavarin	90031	I use to live in 1848 1/2 Workman street for 22 years. We where forced to move out and inky got offered about 10,700 but at the time money didn't matter. The problem was that my dad was go injured while moving out the house for not having hand rails in the stairs and because of that we didn't get accepted in no houses because my dad didn't have prove of paystubs and my mom wasn't winning in of money. Also my mom was in the proceed if you exams that's she had beginners of cancer and it turned out that she did have cancer stage 2. What these people are doing is really sad because the house are there right now and not in use. I couldn't go to school no more so I had to work to help my dad pay rent and all utilities we pay.
Anya silverman	90041	The project will displace people who have lived in Lincoln Heights for decades. We do not need it. Listen!

Rochele Gomez	90042	The only housing units that should be built right now are affordable housing units. This large development is for the rich and will make the area unaffordable for people who have been living there for generations. People are dying of COVID, or have lost their livelihoods, and will possibly end up homeless. Instead of addressing the homeless crisis, our city officials keep giving us large developments that will only worsen the issue by pushing out hard working people in “up and coming neighborhoods”. Council member Cedillo continues to fail the people of his district, he has been bought out by the rich and has long forgotten what it’s like to struggle. Garcetti just smiles and hopes no one will remember how awful his term as Mayor of Los Angeles was when he runs for congress—you will not get my vote. Stop this development and save Lincoln Heights from the rich developers who don’t understand the culture and neighborhood that makes Lincoln Heights what it is. Why do only the rich get to decide what type of housing units will be built and where they will go? Why has the city not created ordinances to stop the rapid gentrification? I have lived in LA my whole life, my Latinx family lived in Silverlake in 90s and I have seen how that area has change to cater to white rich people. I want this stop—no luxury condo/lofts. Listen to the people, we deserve to be heard!
Kate	90004	The cultural diversity of Lincoln Heights is at risk.
Kate	90004	The cultural diversity of Lincoln Heights is at risk.
Sanne Hamelink	6217 NN	
Cristina Garcia	90031	A low income neighborhood has no need for luxury apartments.
john burtle	90042	
Whitney Woodard	90019	There are already people living on the land. Don’t take it away from them. Serve the people not businesses.
Amara Higuera	90031	Developers are violent and this city allows for violence and pain to be inflicted on the people of LA everyday.
Aliza	90029	
Zac Flores	90033	People Over Profit! Community oversight over new development to ensure it’s equitable and combats displacement.
Nadia Franco	91205	
Sebastian Gil	90031	this project will kick out hundreds of poor renters out of the community and the community will become gentrified and thats not right. People who have been living here for 50+ years have developed a sense of community and unity and this will only break them apart
Danielle Torres	90033	Been removed from housing before due to gentrification and the retail selling of the property.
Lluvia Higuera	90031	Because it will contribute to more displacement.
sasha	91381	i oppose the displacement of members of lincoln heights community, these projects amplify gentrification, furthering racial inequality
Sergio Sanchez	90031	I can't fathom why this is even a question. But it's obviously the right thing to do.
Janet	90210	It’s gentrification and destroying what stood there before. This wealth could be used to aid the homeless and lower income areas but no, it’s going to be made into overpriced, prison-like apartments that demand renters make 3x the rent, pushing out the people who live in the area. Gentrification!! It always starts like this.
Janis	90031	Gentrification is violent, racist, and unnecessary. I implore these politicians to think about what truly serves the low-income POC population of Lincoln Heights. Instead of putting money into this market-rate project which will surely lead to rising rent costs in the area and significant displacement, City Council needs to actually invest in the existing community and provide rent relief. The fact that City Council fast-tracked this project during a PANDEMIC is completely deplorable and shameful!
Iris Licea	90002	Because things become more expensive for the community, they should invest in the community not take from it
Jennifer wong	90012	Stop gentrifying our rich and diverse LA city. We need to invest in people of color and not turn everything into a eden for Karen’s. We lose our identity and become every other corporate cut out city. When you travel across America, there’s no character any more. LA should be for all people and these units fail to do that.
Maya Bon	90290	gentrification is an insidious scourge that eats away at communities, at neighborhoods. we need to reframe how we view the term "development" so that it is focused on the betterment of the people who live within a proposed area. if "development" is strictly for capital, it is not "development" at all, it creates unjust outcomes that leave people hopeless. I stand with the people of Lincoln Heights.
Ruby Corona	90063	Unaffordable housing and gentrification
Marissa samayoa	90031	Preserve our community to what it actually is
olivia biera	90012	it is not affordable housing and lincoln heights is dense enough in population. plenty of units are already empty in dtla.
Isabel Muller	90042	
Carolyn A Hauk	90031	We need less gentrification in the rare few historically black and brown communities. Keep housing for all available. This will raise property value in the area and kick hundreds out from their homes due to rent rises. Also they're ugly!!!
miri hindes	90041	it is wrong for our community. out of scale. it does not serve long time residents. it is poorly planned. will change the area forever. greedy. out of touch.
Kyle Lydic	15963	
Sarah G	91803	DO NOT GENTRIFY LINCOLN HEIGHTS. I spent a large portion of my life here and my grandparents still live here, they are senior citizens, this would cause immeasurable damage to them and the community! PEOPLE BEFORE PROFITS!!!!

Jimena Iaso	90032	Because it promotes the displacement of wetIrking class families (gentrification)
Stephanie Guzman	91342	This housing is not for the community! Rise up and speak up against gentrification.
Jordyn aamot	91801	The project will kick out the current black and brown communities.
Brian	90038	By building projects like this and not including any local community leaders is wrong and bad for the feature of the community. Gentrification sucks !!!
Stephen Kamhi	90023	Need to involve the community when making decisions like this!
Kayla	90006	We need to preserve the neighborhood and the people in them. Big corporations do not need to move in and displace locals.
Chelsea Hughes	90004	Because we don't need more expensive high rise buildings in LA
Adrian Martin	90031	Housing is expensive in LH already and this project will only increase our rents. This community is low income
Maya	92345	There's probably no people of color that can afford this housing so it's not right.
Gemma Lurie	90064	gentrification is war on low income communities and cultural genocide on poc. People over profit always. These city officials are in bed with landlords and developers and poc experience the direct impact of this greed and unchecked power.
Nathan Lee	93063	Because FUCK these rich idiots and their stupid money. They think they're so smart but they can't even fathom the suffering of another human being. They'd sell their own family for more cash I swear. These type of people are a cancer and they shouldn't be allowed in our communities, MUCH LESS deciding the future of the collective community. How can anyone try this shit and look at themselves in the mirror. Destroying hundreds of lives and they don't even blink. FUCK YOU PINCUSHION GROUP U FUCKING LAMEOS
Promise K Williams	90242	gentrification hurts communities. It pushes out hard working people who worked hard to build their businesses.
Sophia Torres	90032	Having New apartments at higher cost for rent is a way to move black and brown communities out of their homes.
Marco Cervantes	90063	i don't like gentrification.
Steven Garcia	90032	It will only cause suffering.
Isabella	90027	Developers are ruining peoples' lives
Javier Alvarez	90031	Because I believe it will ruin the livelihood of Lincoln heights.
Tom Norris	90031	There is not enough affordable housing. We do not need luxury apartments with sky high rents!
Chloe Welmond	90019	People over profit !! Gentrification is violence
Mayra lopez Ramirez	90031	I have lived in this community for 26 years. I went to the Elementary across the street from the property. This project will cause lots of problem in this area, traffic will be created. Making the school zone not safe for the students. There will be lots a accidents due to the traffic. Cost of living in this community will rise, causing families to loose their homes. Homes that they have known all their lives. You will be making Lincoln Heights change in the way we don't want it to change. Invest your money on fixing all the pot holes in the community streets.
Natalia Guerra	90274	Because gentrifiers are displacing long-term residents & that's impacting mostly poor brown people. People have strong relationships to their space and their neighborhood communities. Wealth & capitalism should not interrupt those relationships, especially not through displacement.
Loki Blaque-Lee	90017	
elspeth	94102	stop gentrifying the last remaining affordable neighborhoods. money does not culture make, and building these would begin to erase the identity of those who live there, by catering to the gentrifiers and not putting this money into community development. you can't cover up culture and silence a neighborhood for the sake of profit.
Olivia Onek	94110	It will push out communities of color and cause gentrification.
Radha	2466	
Maya Schubert	90031	This will displace and disrupt the community in Lincoln heights, for something they are not asking for and do not want.
Erica Barrios	90015	This is not serving the community it's being built in. Luxury buildings are taking over this city without ever being fully rented out because NONE OF US CAN AFFORD THEM. Yet still more are being constructed. Stop destroying communities!
Wendy Lau	94704	Housing crisis in LA is getting worse every year. I've seen my hometown, HLP, getting gentrified through my high school years and it pains me to see my neighbors being forced to move out because they cannot afford rent. Knowing its happening in a community near mine I want to help them stay.
Diego Espino	90063	I went to High School in Lincoln heights (Bravo High School). Its my community, and I know that the apartments being built will not be affordable for the families in the community. This in turn will lead to wealthier individuals moving into our community and creating a demand for high priced goods. Like you know, gentrification.
Tyler Le	90031	We dont need anymore evictions in our neighborhood. Prices for rentng have gone up throughout California, and now this luxury apartment that clearly no current Lincoln heights residents can't afford?!? No thank you. This project should be relocated elsewhere.

Ariel Molina	91304	The Heights is an innercity that consist of individuals who are middle/ lower class, it doesn't seem right to make profit where it doesn't belong.
Camellia Aftahi	92025	
Mason Allport	90012	The last thing this neighborhood, and LA as a whole, needs is a luxury development. We need affordable and/or FREE housing now to keep families in their communities.
Jennifer Moreno	90031	
John Conant	90026	Affordable housing for all! Invest in communities! Stop gentrifying them! All neighborhood developments should be led by the neighborhood!
Jasmin Morales	92553	I'm oppose to this project because it will not serve the community and only harms the community.
Morgan Henshaw	91107	The community needs affordable housing options, not luxury living! Folks are being forced out on a weekly basis, families that have been Lincoln Heights residents for decades. This project spits in the face of the community.
Siobhan Furnary	90031	We should instead use the space for a community garden. Something to uplift and enrich the community. Thank you.
Ariel Bustos	91106	
Hannah O	90049	Gentrification harms the disenfranchised, the poor, those of color. It must be stopped
Natalie	90041	
Danny Palacios	90031	My neighborhood
Sophie Prettyman-Beauchamp	90802	This project would displace even more low-income people who have lived in the community for generations. The entire nation is going to need a long economic recovery period due to the pandemic, and this will only create more housing inequity and homelessness.
Joel Garsy	90065	Lincoln Heights is one of the last remaining neighborhoods of LA. I support its residents.
Kevin Fistanic	90066	End gentrification, protect our diverse cultures!
Jorge tapia	90031	I oppose gentrification.
Justine Juarez	90032	It will displace already suffering residents and increase the already increased homeless population. Lincoln Heights does not need luxury apartments it needs affordable housing.
Patricia	90026	Infiltrating local communities and removing locals from their homes due to increases in housing. These apartments are ugly and ruining all culture of Los Angeles
Angelina Nieto	90031	Gentrification is bad
Brooke Ely	91208	Current residents shouldn't be evicted so rich people can move it
Stacey Perez	92521	I oppose this project because it's destructing the Lincoln Heights community! We need more resources for our people not more luxury complexes.
Claudia Carrillo	90022	No
David Camacho	90031	Inefficient, unethical project
Maggie Quan	90031	This project is a threat to the community that makes Lincoln Heights what it is. For far too long our neighborhood council and powers that be have sold the community out, to USC Keck and other communities. What little rentals we have, greedy landlords have pushed out long-term, immigrant, senior and disabled residents. This is also at a time when we should be protecting our long time residents and small businesses.
Sally b	90031	Endangering community and local businesses
Julia	90039	Do not absorb a section of this community and therefore push out opportunities for the local community to engage with this space.
Bhavini Patel	90047	It displaces thousands of family-owned businesses and will only widen the gap between the poor and the rich.
Leidy castillo	90031	This project will destroy Lincoln heights and it will leave many tenants without a home.
Daisy Elliott	90011	The community needs to be a part of this conversation. They need a seat at the table.
Nathaniel Carbajal	90031	Gentrification
Diana Subdiaz	9177"	I'm opposed gentrification. The residents of Lincoln heights would be negatively impacted by the project. Rise in homelessness.
Suzanne Nordberg	90031	I'm new to the neighborhood but if this project is being pushed through without the local community being able to voice their concerns then it is just wrong.
Luke Forsyth	90031	Not consistent with neighborhood
Michelle Suarez	90065	The Lincoln Heights community needs to have a say on housing developments. Housing developments change so much in a neighborhood, and the city needs to do its job to include the voices of the communities, especially those most affected by gentrification and displacement.
Eduardo Sanchez	90008	Against gentrification
rosemarie camacho	90063	this housing does not help the community and will help to displace many families as they are priced out.

Borrah Jackson	90001	
Marialicia Gonzalez	90031	It will hike up rent prices and further displace our current residents!! NO GENTRIFICATION.
Melissa Palacios	90031	
Wendy Chu	90031	My family has lived in Lincoln Heights since 1985. Our community needs affordable housing for immigrant families, not luxury condos!
Madison clark	90057	This project does not help the community, it hurts it. Luxury developments such as this one suppresses neighbors surrounding it and excludes the working class from reaching attainable housing. This is unacceptable.
Glafira Lopez	90605	This project will eventually lead to people being displaced because they will no longer be able to pay the cost of rent, and people in the area can't afford the cost of rent for this building.
Benjamin Whistler	97214	As a former Californian, projects such as this pushed me out of California; as a child of landlords, it's easy to spot a project detrimental to an entire neighborhood's character. As a grandchild to one of the 1990 ADA's architects, the parking issue will make it harder for people with less obvious disabilities to park close to home and diminish the quality of life they and we are all entitled to; as someone living outside of Lincoln Heights, this project is an eyesore and I see no reason to visit the area as a tourist and contribute to the local economy.
Nina Hadzi-Nesic	90041	Because it's unfair to displace lifelong residents and because this project would increase homelessness the city says it wants to solve. Because putting profit and luxury apartments before people (and before consulting with the people) is beyond unethical.
jessica meza	90001	i oppose the project because it is unfair to the people already living there. not only will the rent prices rise, but parking spaces will be hard to come by, and they'll be uprooted because they won't be able to stay in a new fancy area.
Gisell	90040	I do not support gentrification
Isabella Sanchez	90042	Inhuman
Andrea Kraybill	90042	No community input, displacement of local residents, favoring gentrification with no consideration of the local community and residents who will be affected for decades to come. Shameful behavior!
Jonas Mosesson	90026	Because gentrification needs to stay out of Lincoln Heights
lauren espinoza	90032	I don't want this in my community as it will negatively impact people like my grandmother and cousins who live there.
Chantal	90040	Gentrification is a threat to the well beings of local, situated residents.
Meesha Merat	90057	We must protect long time residents. This 'luxury' apt building is not what the people need or what - listen to the people. Understand the harms of gentrification
Alondrq	90018	Its a hazard
		its a hazardous threat to our communities health and well being!!!
David Foster	90255	Gentrification does no good to low-income communities. It just pushes people out instead of elevating them.
amber	90028	highly oppose
Sam F	90065	LA needs affordable housing
Crystal Carrera	90242	We need more low income housing not luxury apartments.
Vanessa Franco	91723	Not really they did this in highland Park and also in boyle heights this is not how it was in 1940s 1950s or 1960s this is 2020 kicking people out of houses or apartments that is really wrong to raise the rent up high people cant afford right now to pay high rent
Jonathan P Douglas	90065	I stand with my neighbors as a member of the working class myself. We need affordable housing not more gentrification.
Katharine Pinney	90031	Oversized, will increase traffic (and traffic already backs up on Pasadena Ave), we don't need high end developments let alone ones that have to architectural thought to their "design" or the history of the neighborhood, the retail will most likely remain vacant like the retail spaces at the Cypress Park Gold line Station, and it's hideous. It does reflect any sort of place making philosophy.
Vanessa Giannini	90031	1. It's too large on a two lane residential street. 2. It is an ugly box in the middle of beautiful historic homes. 3. Not enough parking for such a huge influx of residents. 4. You haven't listened to what the neighbors want. Los Angeles has deep history especially this arts area. This building and all of the new developments are hideous and will not age well. Developers deep pockets need to stay the hell out of NELA
Olivia	90012	
Jill D'Agnenica	90031	We have plenty of luxury housing in Los Angeles. We need more affordable housing. Especially in our working class neighborhood.
Brent Armendinger	90031	We need actually affordable, rent stabilized housing, not more luxury developments!
Kate MacQuarrie	91103	
Daryl Bergman	90004	
Ikee cosby	90032	

Kathryn Endler	90066	This project disrupts the community of Lincoln Heights by raising rent in the neighborhood, pushing people out of their homes, and threatens the cultural community by operating under the assumption that they have the right to alter a community in such high velocity without having any input from the individuals who actually live there, and have lived there for decades if not more.
Alejandro Tapia	90031	I want to keep my community affordable for its local members.
Kristen Rederscheid	90042	The economic fallout resulting from the current pandemic is about to exacerbate the ongoing housing crisis in Los Angeles. Not only is NELA and District 1 already experiencing record homelessness, but impending mass evictions will leave many more people without affordable housing. I'm anticipation of this, and in response to the pre-existing plagues of homelessness and gentrification in our city, we absolutely cannot allow luxury housing to be constructed in Lincoln Heights. Rather, our efforts and resources must be poured into acquiring and providing stable affordable housing for people.
Spenser Theberge	90065	We need to support community based developments NOT profit based developments!!
Ruby Martinez	90065	The community needs affordable housing or some type of resource center rather than a luxury complex that brings no community benefit. My neighborhood is experiencing an increasing problem with the homeless where they are entering private property for food or essentials and we see nothing being done.
Abdul Qutub	22182	Because I support working class people
Jaden Mckernon	90012	it will force people out of their homes and its unfair to the community living there
Jeff	90015	This is an egregious wrong. Plain and simple.
Jessica Burk	91006	
Sophie Richman	90065	Because it will disrupt so many of our neighbor's living situation and it has clearly not been planned out with any consideration of those who live nearby.
Lauren L	90012	This will raise rent in surrounding areas, drastically affecting the low income families that live in the community.
Sandra Guerrero	90031	It will hurt our community
Nic Yim		
Diego	91001	f gentrification
Pamela Cohen	90042	We need housing developments that are designated 100% for very low income tenants to stem the housing crisis and keep our same neighbors, not evict them.
Calvin	90032	There is no place for luxury apartments in Lincoln heights. La city council should work on developing affordable housing for tenants and their constituents, the People who voted for them in the first place.
Mateo Celada	90004	It's WRONG
Jhani Randhawa	91106	I do not live in Lincoln Heights though I stand in solidarity with my community there in their thriving. Developers such as Pinyon have taken advantage of the health and human services crises exacerbated by Covid-19, as well as the often life-saving practices of social distancing and remote labor, to bypass collecting thorough community input. This housing development is a blatant move to drive up living costs & displace years- if not generations-deep residents of Lincoln Heights. I absolutely oppose this sloppy, opportunistic move to place capital above human lives and dignity.
Ashley Ayala		Taking away affordable housing
Sylvia Osorio	90031	I was born and raised in this neighborhood. I went to sacred heart high school. Lincoln heights is my home and we have all Struggled together in this neighborhood. Now to have someone come in and destroy the neighborhood just so a big company can come make $ off of us the working class is ridiculous. These ppl have worked hard to have their homes . They have gotten up at 4 or 5 in the morning to get on the 83 or the 45 to take them work . They have walked in extreme heat,rain and cold nights to come to the place that they have struggled to keep, their homes . How do I know this , because my mom did this exact same thing.
Jessica Ceballos Campbell	90042	
Philip	91001	Because the building of these mostly luxury units exacerbates the housing crisis by inducing the gentrification of the neighborhood, which is historically made up of brown and asian people. There are environmental implications of the project, including groundwater contamination. And it's been an all-around non-democratic process of approving the project.
Diane Bedrosian	92010	I spent time in the area at USC Keck School of Medicine. This project is much too density for the area. It will be a disaster and will displace people and leave people homeless.
Carolyn Krammer	90031	This is happening everywhere. Developers are trying to get rid of lower cost affordable housing. They come in and bulldoze communities and leave them without housing. Our neighborhood needs to be strong and do not sit by and let these bully out of town developers come in and take your community. This is happening all over Southern California. Fight for what you believe in.
dimei wu	90024	LA has a housing problem that disadvantages poorer people who are often minorities, and this apt doesn't fix the housing problem! More housing is not the answer, and a luxury multi unit apartment is definitely not the answer, as it will squeeze people out to the streets, or just out of LA (which then exacerbates traffic issues...) Please make life better for the poor and middle class, instead of giving our lives up for the rich--an action that ultimately harms everyone.
Evan Perkins	90065	The income of the general population in Lincoln will not correlate to the price of rent here. The community doesn't want or need this building.

Alyssa Kahn	90031	This development will displace too many people
Clint Dodson	90031	
Melissa sisneros	90031	Stop taking away from our community !
Drew Fournier	90031	Free, prior, and informed consent coming from the lincoln heights community that cares deeply about their neighborhood and stands to be drastically affected by a project of this magnitude is absolutely necessary for this project to go forward.
Anh Montealvo	90031	Our streets and community resources cannot handle this influx of traffic.
Laura Stinger	90065	As a neighbor of this zip code I often come to Lincoln heights for community dance class, to eat at small locally owned restaurants and to enjoy the small scale diverse streets on walks around the area. I stand in solidarity with Lincoln heights long-term residents against corruption by city planning, commissioners, and council-members. The residents of the area MUST be engaged with before a plan of this magnitude goes through, especially with the trials for corruption that are in process. This area does not need luxury condos they need financial assistance to buy their homes. LA should have enough vision to provide low-income housing solutions to long term community members without giant luxury condos, corruption and gentrification.
Gustine Fudickar	90027	Rent hikes ultimately driving residents out of the neighborhood
Fatima Austin	90065	Yes
Angie Town		
Kate O'Brien	90048	This is going to displace families from an historic neighborhood and they deserve to be heard. It's unethical. Stop letting developers with deep pockets be the only voice dictating how the city changes.
Janet Sarbanes	90065	Why does it always have to be luxury housing? Why not housing for regular people?
Max Himelhoch	90026	
Saul Narro	90042	It’s not hearing the voice of the community and they should before any type of development
Clement Tsang	90031	Gentrification and profiteering.
Sheriden Smith	90042	Lack of affordable housing options for tenants, blatant gentrification, and a lack of community inclusion on planning.
Drew Fournier	90031	Free, prior, and informed consent coming from the lincoln heights community that cares deeply about their neighborhood and stands to be drastically affected by a project of this magnitude is absolutely necessary for this project to go forward.
Francis Nguyen	90042	This project will proportionately displace and marginalize the Latino/Lincoln Heights community even more. No more gentrification of long term residents by greedy developers. That housing project being proposed is not for the community, it's an invitation to push out the existing community.
Sage Sims-Bleser	90230	To protect thriving neighborhoods from opportunist and harmful development that does not serve the community
Laura Bartczak	90039	
Alexis Diaz	90031	I live in this neighborhood and I don’t to be affected by those “luxury” apartments...
Jesse	91733	Gentrification is a horrible thing and it will raise the annual income of the region
Samantha Mazzola	91606	I oppose anything that will induce gentrification and displacement of marginalized communities
Liam	91030	It'll artificially raise the annual income of the region
Rita Kassak	90042	This will cause displacement and it is NOT affordable housing. We are sick of luxury housing that sits empty and has no regard for those who actually live in the community.
Juan Chantes	90031	This will start the gentrification of our community & will push the ones currently living in the area out. Who will live in these buildings? Upper middle class? Stop abusing our community.
Mary McGuire	91205	LA does not need any more displaced people. This would no doubt be the outcome of such a project.
RICHARD MCCARTHY	90031	Not sufficient parking, height concerns, traffic, pollution and close to or on the site of former designated hazard material area.
Adriana Meza	90031	All this project will do is displace the people of our community and bring in people who’ll will gentrify it. This is unfair to everyone who lives her since it won’t provide enough affordable housing for our current residents.
Daneyda Garcia	90031	As it is homelessness has become a greater issue for families in the community there is need for affordable housing not the opposite
L. Campos	90042	I demand transparency from elected officials. The community deserves to be heard. This development will contribute to more displacement, traffic and pollution.
Ben Bekey	90042	Housing is a basic human necessity. LA doesn’t need more luxury housing, especially in Lincoln Heights where most residents are working-class renters. There’s corruption at every level of this project, from not consulting residents to fast tracking during a pandemic to planning a parking garage on a documented environmentally toxic site to the developer bribing non-residents to speak in support of the project at city planning meetings... I could go on and on.
SHeffer Bruton	90065	This structure does not fit with the current or historical style of the neighborhood. It will block views and significantly change the value of the property surrounding it.

Viri Gamino	90031	I’m against the developments in place
Martin Cervantes	90031	I oppose this project because if it passes many more people will be displaced from their homes. We don't need more gentrification around here.
Liza Galvan	90031	The fact that there was no community input and the developers lack knowledge of the area and safety factors. There's is distrust and there seems to be a hidden agenda for this project. The potential displacement of residents (many who are elderly and low income) will be directly affected. 66 "affordable units" isn't enough. This location is an heavily trafficated because of it's accessibility to connecting neighborhoods and local schools. The traffic will increase significantly.
Haruka Sometani	90019	Small communities must be protected and not forced out by the developers.
Luz María tapia	90031	These buildings will ruin our community
Jaime Gamino	90031	I’m against gentrification. Protect the community.
Marilyn Gladle	90065	1) Parking, mixed use status should not apply, Density, Polluted soil open to environment, Streets can not handle the additional projected traffic, the small metro stop if used, will be impacted so that current users will not be able to access, etc
Xavier Flores	91101	No more unaffordable luxury condos, if you want to build something build low income housing to house the record high homeless in LA
Albert Lopez	90039	I went to school just west of Lincoln Height, I know the neighborhood well and have many friends there. Such a development would shatter the social framework and sense of community in this predominantly Latino/Mexican-American neighborhood. It would contribute to the processes of gentrification and displacement. It is yet another case of speculative development that does not serve the need of providing adequate affordable and low income housing in the inner-city.
Michelle Litchfield	90065	The vast majority of the people who purchase these units will own at least one car per unit, particularly in the era post-covid, when Metro is no longer safe and those who can afford to avoid it drive themselves instead. (And the people who purchase these units will definitely be able to purchase a car.) Where will all of the cars park? How will the cars impact local transportation? The EIR is not accurate in regards to cars and traffic due to the fact that it was created pre-covid. And the developer no longer wants to excavate under the full site to include more parking because they know they are at risk of disturbing toxic, contaminated soils.
Samantha Garcia	90031	NO, there’s no need for it. No parking, more problems.
Emily Tetri	91207	This would destroy a neighborhood and culture and force people out of their homes.
Sandra Martinez	90031	
Rebekah Lasarow	90037	It doesn’t support or give anything to the community. There is not nearly enough low income housing in the planned apartments planned.
Jennifer	90031	This is not beneficial for our low income community
Olivia	90042	This is not what the people of Lincoln heights want. Respect the community! Don’t build this building!
Lilia Jimenez	90065	The building would negatively impact the community.
Justine	90031	I live in Lincoln Heights, this is a small diverse neighborhood with a lot of Ma & Pop shops around. You can just see & feel the history all over here. This type of project will only hurt the residents of Lincoln Heights and serve no purpose but only to the wealthy. This project IS very hurtful to all residents living here and to the overall neighborhood itself and it's image. We are transparent on our side and simply do not want this in our neighborhood. Period.
Kelly Rodriguez	92395	It’s gentrification of a city that doesn’t want it, nor do they need it.
Bianca juarez	90031	TO STOP WIDE SPREAD GENTRIFICATION IN LA!
Thomas Hallett	90031	That monstrosity belongs in a field where no one will see it, not ruining the place I call home. Strongly opposed to this so called project
Lucas Celler	90031	This building is a result of corruption and it should not exist
Claudia Acuna	90033	
Penelope Jones	90065	Too dense for an already crowded area; no high rises in our area; no affordable housing; adds to already bad traffic situation
Mia Huitzil	90031	The community of people residing here need to have a voice available for them and deserve to have a say in what is being put in our communities.
Cecilia	91606	
Phoebe Kobabe	91204	No more Luxury Apartments!! This is not that the community needs.
Wendy Gutschow	91030	Gentrification is wrong and unjust. Lincoln Heights has already suffered due racist systems being put in place. That have affected home ownership.
Ariel velasco	90031	With the current housing crisis in Los Angeles, it is disgusting to build luxury apartments anywhere. Stop gentrification.
Dario sanmiguel	90031	Prefer low income uncorrupted projects
Skarleth Herrera	90022	i oppose because our community needs to take care of its own community before they take care of the needs of outsiders

sam wentz	90039	because gentrification is violence
Veronica Rico	91331	Porque el proyecto va ha deslojar a mucha Gente de la comunidad y no va haber recursos suficientes para la gente que van a ser deslojadas. Entiendo que El nuevo establecimiento va a tener 'low income tenants' pero ya se que eso solo es para unir los requisitos de zoning. Al fin y Al cabo sale perdiendo la gente pobre a causa de algunos cabrones/as que nomas se quieren bolsar mas billullo. He visto como arruina comunidades cuando un large development occurre y no quiero que pase eso a la comunidad de mi amigo.
Layne zolninger	90031	It does not represent the community. It is ugly. The site is not safe due to toxic waste. It does not include anywhere near enough parking, and there is not sufficient space for 500 more cars to park in the neighborhood. This project is a perfect representation of the ugly face of gentrification in Los Angeles. The design is soulless. And it will only be rented by wealthy white people from outside of the neighborhood. It does not serve Lincoln Heights. It usurps Lincoln Heights.
Linette C Woron	90042	It looks like the City wants to turn Figueroa into Wilshire Blvd- there are many people who can't afford the rising rents. I myself am disabled on a fixed income 1/2 what I used to make when working, just hanging on. And I own!! Stop the gentrification w/ NO thought to working class people of this City!! I always vote, I pay taxes. Where is Affordable Housing??
Dydia DeLyser	90031	A working-class community like Lincoln Heights cannot sustain over 400 luxury housing units.
Aren Zolninger	90031	This housing is not for our community and will only serve to displace our lifelong members.
Anita Martinez	90031	Out of scale with our historic community. We need housing for our working class community that is increasingly getting pushed out of homes in this area. Luxury rentals are going empty in other neighborhoods, namely Downtown Los Angeles (per recent LA Times article). There is no demand for this type of construction/apartments here in Lincoln Heights.
Alan	90031	Too many units, not enough parking, overall disruption and disrespect to the community including paid shills to pose as residents in support of the project. No one in the neighborhood that I know supports it.
Jocelyn Ortega	90063	lincoln heights doe not need luxury housing. it needs affordable housing instead, we need to keep the people in that community safe and not gentrify the area. Hear what the community has to say and listen to their needs!
Miguel Ayala	90032	I oppose this project because it is an attempt to erase the Black, Brown, Asian communities and we will not stand for this.
Miguel Ayala	90032	I oppose this project because it is an attempt to erase the Black, Brown, Asian communities and we will not stand for this.
Michael Shifflett	90031	Excavation will release harmful chemicals in the vicinity of a residential area and an elementary school. Proposed number of units per sqft is too dense. Lack of parking spaces will cause undue burden for existing residents to find street parking. Affordable to market rate unit ratio is too low
Renee salazar	90031	We Need Low IncomeApts.To Help Familys Struggling !!!
Jeri Ruiz	90031	I'm signing because I oppose this giant project that brings nothing but congestion and more displacement of our longtime residents.
Christopher Richmond	90031	This project is to dense for the block, under-parked and there have been inadequate soil testing.
Joyce Fortune'	90031	No affordable housing assigned in the development. Size not suited for community.
Ian Endsley	90031	too high density , too expensive
Sky Spiegel	90031	I fear for the life and we'll bring of myself and my family as funding and resources get poured into new plans that will leave us vulnerable to the affects of gentrification. I ask for a say and pray that you all will listen and we will he heard so the money and resources can be put into restoring and aiding the families already here.
Michael Alvarado	90004	It's wrong!!!
Michele Young	95666	It's a great area. I used to live near by.
Melissa McNeely	90042	This development goes against the community of Lincoln heights in a staggering way. Neighborhoods are not just land to build expensive developments on, they are created by people, over time, that know each other and build a shared history. This proposed development is a slap in the face to every current resident of Lincoln heights. It tells them that their lives and existence on this land isn't as important as the short term money the land can generate by allowing this monstrosity to be built.
Laura maxwell	90039	We need affordable housing, not overpriced luxury condos.
Noemi	90026	This project will displace people in need, those who diversify Lincoln Heights, those who make up this beautiful culture in LA.
Sammi spatz	90065	
Monica Jarquin	90302	I oppose this project because what we need right now is affordable housing, not luxury apartments!!
Anna Eisenman	90031	
Adam young	90004	This is going to create huge problems for the existing residents of Lincoln heights!!!
David Camacho	90031	Inefficient, unethical project
Mara Fisher	90031	This would be the largest housing development seen thus far in Lincoln Heights and does not represent the needs of the current residents of our neighborhood. This development would increase illegal evictions and fasttrack Lincoln Heights into further gentrification. Furthermore, the proposed structure(s) are completely incongruent with the current architectural landscape of the neighborhood.

Michael Navarro	90031	Not enough affordable housing units
Marcela Galeas	90033	This project was done without the consent or knowledge of the affected community. The people in this community are already in a difficult situation, going through with this project will only make their situations worse.
Zinzi Edmundson's	90065	Cruel eviction of neighborhood businesses, ruthless greed, blithely (racistly) dismantling YET ANOTHER community... I could go on!
Oscar Flores	91754	A project of this magnitude will increase illegal evictions in Lincoln Heights and contribute to the Ellis acting of multi family properties.
Matthew velis	90015	Historic areas should be kept how they are. Lower income areas should be crept how they are with improved education and resources. Stop kicking family's out with no where to go
Samuel Bosson	90031	This does not do anything to help the community of Lincoln Heights.
Kevin Lessley	90027	This development does not benefit the people of the community. It's not what they need. It's another eyesore in our city.
Daneyda Garcia	90031	As it is homelessness has become a greater issue for families in the community there is need for affordable housing not the opposite
Caleb Lyons	90026	I demand an end to this huge development that was secretly slipped by the public in a pandemic. There must be a dialogue with the people in the community of Lincoln Heights before another unaffordable monstrosity ruins another neighborhood of this great city.
Bruce Harrison	90712	I grew up in that area and would be a shame to see this building go up.
David Camacho	90031	Inefficient, unethical project
Clementine creevy	90042	Terrible use of funds!!! Please nobody wants this!
Marianne Verrone	90026	
Xenia Holm	43202	
Flynn Nicholls	90042	
Edith Almader	90031	
Amanda Gomez	91011	468 Luxury apartments at ave 34/ Pasadena ave are a direct threat to our community
Joan Robles	90065	Because they're trying to force hard working Latinos outta our community, no one right now during a pandemic can afford luxury apartments. And now with people coming forward that they were being paid to be pro for the proposed project is ridiculous. They need to investigate, we don't need another Huizar experience in our neighborhoods.
Patrick Albertolle	90041	It would completely destroy the neighborhood, the transplants will bring nothing new.
alexandra wuest	90065	This project doesn't serve the residents of this neighborhood and would exploit the neighborhood while displacing current residents.
Sandra Herwerth	90031	Size of proposed development out of scale for already densely populated Lincoln Heights. Lack of parking will result in tense situation for residents and will cause conflict. A suden population explosion of up to 2,000 new residents will put strain on resources and upset cultural balance. This is a power grab by thoughtless city leaders, in the pockets of greedy developers, who could care less about LH, its citizens and our way of living. No more development in LH!!
Jon Coplon	90042	We support including affordable housing in projects this size
Kae Whalen	90031	A lack of affordable housing in Los Angeles does not justify the violence of eviction and demolition of these homes—not to mention that the housing this project would eventually provide is almost certainly going to price out anyone remotely low-income or in danger of being unhoused. On top of that, there are a staggering number of empty lots in Lincoln Heights and LA at large, which could be used to benefit the unhoused and low-income residents of this city.
Adam young	90004	This is going to create huge problems for the existing residents of Lincoln heights!!!
Christian Sanchez	90043	history of lincoln heights needs to be preserved
Steven	90031	I oppose the project because of the possible rise in rent.
Cynthia Cuprill	90031	impact to community members - need mixed income housing not luxury apartments
Dave Chapple	90065	This does not belong in this neighborhood and will be met with resistance through every turn! Measure JJJ and the TOC plans do not take into account "taking down" and neighborhood that has been here for generations. Not fair. Political BS.
Ramon Lopez	90032	Gentrification
Leslye	90031	I'm oppose this project because it's gentrifying the community which means raise rent for renters who have lived there for several years destroy the culture in the neighborhood and erasing any sense of history we have left in the community.
Derek Allison	91016	I work at a school one block from this site, and this development would greatly impact the community I serve
Gabriel Quiroz	90063	This project is accelerating the gentrification of this community we need affordable housing for the current residents,not luxury apartments. The people of Lincoln Heights can't afford these luxury apartment, aren't you supposed to work for them and protect their interests? No on building luxury apartments on AVE 34
Anya Kushwaha	76092	Preserve the historic area of Lincoln Heights!

Sheyla	90601	i was already gentrified. Lincoln heights was my home for 26 years, as soon as i was born, it was all i knew. 2670 sichel st #5 is where all my memories are. I lost it due to developers coming in and claiming it. Lincoln heights is not new. Why is it changing now? People have homes and lives here where they are rent controlled. Do not uproot the people like i was. Not having anywhere to go causes homelessness and that is already an issue in LA. Gentrification hurts EVERYONE. Instead of luxury housing, make affordable housing for everyone. Or a better after school program for Lincoln high, gates elementary and the surrounding schools. Make it into something for the people that already live there not for the vultures.
Amber Ramirez	90031	I oppose this project because it is only going to hurt the people of Lincoln Heights. Buildings like these would bring more gentrifiers to our neighborhood and cause the displacement of low income POC.
miri day	90041	out of scale. the community doesn't want it.
D. Estrada	90042	This is not what the community needs
Valerie v	90029	Hurts communities. We need affordable housing!!!!
Stephanie Salinas	90046	I oppose all gentrification threats to longtime LA residents who are the backbone of this STATE and COUNTRY! Power to the people always.
Manuel M. Gutierrez	90025	Keep your gentrification out of communities who are already being oppressed from every direction, least we need is this hideous structure raising the rent on a low income community.
Amy Yao	90290	Housing should consider the economics of the current neighborhood and its citizens. There needs to be more affordable housing and not just more mega apartment condo complexes that are hardly affordable!!
George Gerst	90031	The project is way to big, and the developers have tried to get it passed without community involvement, and they have skirted the law if not broken it. We have evidence of bribery on TAPE!
Ansis Hoheisel	90026	Lincoln Heights needs affordable housing that fits in with the scale and character of the neighborhood! This monstrosity of a development will inevitably lead to the Gentrification band displacement of one of LA's most historic and most diverse neighborhoods. People > Profit!!
Max Maslansky	90031	It will accelerate further development and displace working class families
nancy soto	90031	This project is dangerous to our community and will displace many people
Jeremy Hansen	90031	Raise housing prices to push out lower income families, lack of parking.
Hesper Dominguez	91770	It's distasteful and unnecessary.
OMAR BRIAN CERROS	90262	Unaffordable housing
Vanessa S	90042	I oppose the project because of the displacement of families that the building of these condos will cause.
Anthony Lepore	90031	The construction site is adjacent to a lot that has been polluted for 68 years. This is an environmental hazard.
Angela Celestino	90032	This project targets my friends and family who've live in and love lincoln heights. This project isn't for the low income people of LA!!
Karla Orozco	90003	It is unfair to make a decision without the consent of those who reside in the area if you're going to build homing at least have the decency to make them affordable to the people (locals) who already reside in that area. I hate Gentrification!
Rogelio Perez	90011	As a former resident of Lincoln Heights it pains me to know that there's people being forced out of their homes due to rising prices. Not only do I believe that this sort of displacement is harmful and unethical, I also believe it's very insidious to disrupt the long cultural history of Lincoln Heights.
Frank	90031	This project is not intended to benefit any of us living in the area.
Salvatore Franchino	N/A	I support the project! 66 low income units near a mass transit station sound amazing. It'll help welcome new neighbors to your neighborhood and help alleviate high housing costs.
Amara Leipzig	90026	I am a resident of Historic Filipinotown where I have watched the same process unfold and destroy this neighborhood. What I watched happened before a global pandemic and the extreme lack of assistance to renters and mortgage payers during this time, so I can only imagine the impact now. We need to be providing (truly) affordable housing, not luxury apartments. This development is a disgrace.
Anna Heeter	98075	This new housing will negatively affect communities of color and push low-income people and families out of the area. They absolutely rely on the prices of their houses remaining the same and may end up losing their housing if this gentrification is allowed to happen.
Myrka Santana	90063	Lincoln heights needs affordable housing for the community that cannot afford high paying rent.
Joey Forsyte	90031	There are already three huge projects with laughable or no affordable housing. We need to protect this community. We expect our representative to not just meet us, but fight for us.
Melissa Hernandez	90032	To keep our community at affordable rate.
Marco Villarreal	90031	I want Lincoln Heights to stay affordable to myself and all of its residents
Vic Mendoza	90032	
peggysue piedra	90062	stop gentrification everywhere!
Cassandra Renteria	90031	I grew up in Lincoln heights! My whole family still resides there!! I do nt want my childhood erased!!

Chuck miskevich	90031	Because gentrification is evil and we need to leave Lincoln heights to its tenants who have lived there for years. We're talking generations.
Kevin Perez	90063	I want to help save the tenants being oppressed in Lincoln Heights.
Marilyn Gallegos	90031	Why would I support a project that I didn't know was happening in my neighborhood? And I don't want this neighborhood to be become hipster . They keep taking over our community's !
Vanessa	90031	We need to stop gentrification. The people of this community can not afford to live in these new "luxurious" buildings. This is unfair!
Zach Callahan	90031	Lincoln Heights is a peaceful, working class neighborhood. This building will do nothing to serve the community, which is already reeling from the economic effects of coronavirus. Instead, it will displace people and make way for people who have no investment in or appreciation for this unique and diverse community.
Chloe	90069	Because there should not be luxury apartments here. It's ruining the neighborhood
Jennifer Islas	90031	Many low class families live in Lincoln heights, how are they expecting for them to pay for high cost rent in a pandemic? There's only so much that these "benefits" can provide for them, it isn't enough!
Jenny tchang	90031	
Karina G.	90031	This is capitalism at its worst...build luxury apartments in other locations unless you are willing to take short term losses for long term gain...by investing in the communities being gentrified and exploited with these huge and unfair projects. Allow low income families into these luxury apartments or get out of these neighborhoods that mean so much to the people who have lived there thru generations; As these families deserve a good future instead of worrying about what neighborhoods they'll afford that won't affect their commutes and uproot their lives.
Allison Miller	90032	I live 2.5 miles from this site and find the socio-economic and environmental risks of this development abhorrent. There is no defense for this other than greed. Now, of all times, is the most obscene time to consider building something that will out the entire community at risk, on many levels.
Britt Woods	90041	I do not want the excavation of polluted soil near schools. We need to protect our children.
Katelyn	91001	Damage to the community in many ways. Examples being unaffordable, toxic grounds, no parking
rachelle Sawatsky	91001	It will displace long-time renters and community members. I have huge concerns for the environmental degradation of the site and the danger to be had by excavating it.
Rochelle	90031	The residents of this neighborhood deserve housing that they can afford. No more gentrification!
Erin	90031	It is a huge heath and public safety risk to an entire community and will impact generations of people and their lives and livelihood
Phil	90031	Dangerous one way access and egress along with toxins in the groundwater make this a public heath and safety issue
Nancy C.	90031	I think that's this project will bring up the gentrification percentages up and it'll also cause other people to have to move out of their current home to something they can afford. This project will most certainly make this happen and yes we do need a change but not something that'll affect someone else's life and force them to move somewhere else.
Phil	90031	Dangerous one way access and egress along with toxins in the groundwater make this a public heath and safety issue
Matthew Johnson	90023	The development is on toxic land, it contains far too few low-income residences, and there are not enough parking spaces for the amount of units.
Math	90026	
Jordana Rodríguez	96818	Having family in the area of Lincoln Heights and talking to them about the problems just shows how little effort the people from the City Hall take towards situations, it's all about the money. Gentrification also, not only will people lose their homes to new development, they will also lose their way of life and traditions. The people that live in the area should have a say on how their community will grow.
Minerva Flores	90031	I wasn't informed about this project at all and I am concerned about its impact on the residents of LHTs. I demand that a community meeting with the developers, city councilman and all involved in this project be scheduled so that the residents' voices may be heard.
Chloe	90022	My family grew up in Lincoln's heights and is seeking affordable housing but cannot afford luxury condos. Also it is an eye sore and will create more parking issues than there already is. This is not what the people who are actually from this community need!!!!
Aileen Jacquez	90032	I oppose this project because it will take a way from a lot of under privileged families who have lived in this part of LA county for years, to replace them with people who only want to live in this area because it is "trendy". Peoples homes are should not be taken away for that reason. You are also looking to build in an area that is already over populated. Putting in these apartments will only make things worse. There is already a large population of homeless growing in the Lincoln heights area due to Covid why displace more families just to please uncultured white people who don't full comprehend that paying for where they live has kicked out entire families!
Fatima	91387	This is pure erasure of history without any intention - just a bogus human with $ and no life or no culture. Keep this historic building as is and quit trying to erase others history!!!!!
Alex chaves	90063	
Hayden	90027	I don't agree with it.
Aseneth Flores	90031	There plenty of newly built luxury apartments. More are overkill. We need affordable apartments for working people.
Hayden	90027	I don't agree with it.

Sammy	90042	We need affordable housing, not luxury apartments
lindsay brant	91201	Because local residents should always have a voice in their future and because this development puts a whole community at risk of environmental toxicity and displacement
Hanneke Skerath	90048	
Karen	90032	Because Lincoln heights nor any side of NELA is for sale. Fuck gentrification and fuck anybody tryna displace the community.
Fyodor		They’re uprooting innocent families and homes for capitalistic greed
miriam horton	82414	people who can’t fight for themselves have been pushed around and kicked out of their own homes for far too long it needs to stop
Andy Seymour	90065	I oppose this development because it isn't wanted by or accessible to the Lincoln Heights community, and will lead to the displacement of the working class people of color who have lived in this neighborhood for generations.
Emily Miller	48912	
Mena Kim	19066	Because I have basic human empathy and don’t think luxury apartments are more important than human lives.
Jocelyn Litalien	3301	Putting 30000 bipoc out of a home for your own capitalistic greed is disgusting , especially now with the virus.
Gwen J		They have not considered how this project may harm or gotten the approval from the community
cj valdes	10001	
Maria	91506	Absolutely
Itzel	91340	
Hayat	99501	It’s wrong
Micah prado	28205	because this is wrong
Rachel	11222	gentrification on this scale robs local families of their ability to continue living as they have where they have and inequitably impacts people and communities of color.
Astrid	90065	This community is filled with low income families. Adding luxury buildings will kick out many of the families that been there for more than 10+ years
Gabrielle Garcia	90031	I am against displacement of our low income communities, and against the possible environmental damage that will happen if a development of this scale is approved. I do not trust our city officials to run enough tests to determine if this is safe for our community. We must demand full transparency and ensure no corruption is happening within these projects.
Tye	77027	
Halia Reiter	55320	
Sam Mercer	10001	It’s just wrong
sam	90039	we do not need luxury apartments, toxicity released via the building of this project, and gentrification kills.
Ringgo	90031	I believe we should preserve the history of this town.
london hayes	90048	
Kylie Potter	30263	this place already has homes for people no need to make more expensive ones
Liberty	78704	I oppose gentrification and injustice for poc
Kendall	75605	Because racism needs to end now. This is a revolution.
Isela	90033	What we need is low income apartments not luxury apartments. Luxury apartments will only rise up the rent and put more people on the streets
Jazmín Sandoval	91605	No to gentrification! This raises prices for low income people and families who have historically lived in these neighborhoods and now they want to put flashy expensive buildings driving out the minorities and creating more division, homelessness, and poverty.
Alanna Holt	90039	I oppose the violent displacement of working class Latinx communities. I oppose the City intentionally neglecting poor communities and then using the conditions they created as an excuse to then displace those communities.
Rubi	90031	Fuck gentrification also if you build this you don’t care about this community.
Anairis Morales	90037	Los Angeles Native should be able to afford rent but because of gentrification so many are being pushed away from their city!
Chloe Miri	91316	This is a blatant act of gentrification. In gentrifying the neighborhood, what is being done is essentially the rapid displacement of the community members. This causes greater homelessness in a city with one of the largest housing crises. Building unaffordable luxury apartments and housing will make it impossible to sustain a reasonable lifestyle for the community and will increase the issue of homelessness which is already an immense problem.
Lorraine Orgaz	90031	This project will displase me and my family. We have live here all of my life and this development will only harm our community
Tim Gibbons	90065	you must request community response prior to change
Zoe Jones	87106	Its bad for the environment and gentrification hurts predominantly poorer communities of color

Matthew	90010	Bc we need affordable housing not more luxury high rises
Helen Luna	90011	
Jesse	90035	Development encourages real estate speculation which drives up rents and forces our long term communities
Liam	2472	Bc these luxury apartments are not needed.
Lilla McMillan	90065	The community needs to be included in the conversation, they deserve the chance to be heard and say no if they do not want this new development in their community. It will change the neighborhood and make it an unsustainable and unaffordable place for them to live in the future, making way for more and more development and further exacerbating economic divides.
Cherith Zanghi	90012	These predatory projects drive up the cost of housing and displace the community. We demand affordable and equitable housing
Lindsay R	92648	
Mckenna harrell	71730	
Sabrina Torres	90032	We need to keep the health of the people safe by them staying home without the worry of having no home.
Mia Desiree	90032	housing is a human right and im tired of seeing predatory and opportunistic developers with the help of complicit politicians aiding in the displacement of local community members
Natalie Carrillo	90063	I cannot stand by and watch the displacement of my community.
Xinrui Chen	90032	I do not want my LA brothers and sisters to be displaced. I have grown up in this neighborhood and wish to keep communities intact.
Carolina Rendón	90031	Keep Lincoln Heights affordable for our residents of Lincoln Heights! Lincoln Heights is full of so much great history and due to gentrification, our neighborhood is now over priced! Lincoln Heights is our home!
Tracie Sánchez	90032	I oppose the project because of the environment impact the project May have on the surrounding community. Additionally I have concerns about gentrification and its potential affect on the livelihood and well-being of low income Families in Lincoln Heights. If built, the project would provide luxury luxury apartments while providing no access to low income families of Lincoln heights. Finally, Parking in the immediate surrounding is extremely limited and additional development would create an additional stress on parking availability and traffic levels.
Audrey Densmore	91344	I oppose displacement of local residents
Elvira Gil	90031	It’s Gentrification of the community!
Marlen	90032	This building does not serve the people of this community! This building will displace the people who have always lived here. Us brown and black people also deserve to stay and live in a community where we grew up. This is our home. Not a project for someone to come into and make profit off. Ridiculous!
Nelly Olivares	90031	I’ve been displaced before and I don’t want others to suffer what I experienced
Lorena Garido	90042	Because affordable housing stock will be seized by flippers and investors. lifelong residents will be permanently displaced or homeless
Elizabeth Moroni	90042	This project won’t protect the residents of Lincoln Heights, it’s unethical
Germán Montealvo	90031	Contaminated soil and air quality risks to entire area, lack of lower income units for residents and traffic increase on such a narrow street across the street from a school.
Ivon	90723	No to gentrification
Melisa Lopez	90039	
Michael Rosales	90042	Parking and traffic are already bad
Paige Arevalo	91106	
Mazie preite	90041	We need affordable housing and common decency for families
Travis Read-Davidson	90042	We need to prioritize communities when considering development projects. L.A. does not need more “luxury” housing, investment properties, or for profit housing corporations. We need truly affordable housing, and we need it NOW! We will not stand idly by while city council members take bribes and payoffs from developers to build more projects like this one. These tone deaf immoral developer projects serve only to make a handful of rich people richer and are destroying the fabric of the Los Angeles community.
Michael Kaphahn	90031	Because the the community wasn’t in the conversation. Gentrification and parking concerns
Abrielle Stedman	90041	The neighborhood doesn’t need this.
Sterling Wells	90042	We need to protect our community from gentrification. We need affordable housing to end homelessness. City Hall is corrupt and allows developers to break laws and they need to be held accountable to the laws that our citizens have voted for. City council members need to be accountable to their constituents, not destroy our communities through corruption with developers. Protect renters!
Francesco	90042	Housing is a right. Tax incentives and subsidies are provided to flippers but not to long term residents of Lincoln Heights? Flipping is not a job. It’s not hard work. It’s exploitation and should be illegal. Invest in the community

Julian Hoeber	90041	This proposal has wildly inadequate parking and will lead to overcrowding of streets and terrible traffic. The increased density will not come with commensurate services or be easily navigated and will lead to blight. Above all it will eventually price out a long-standing, diverse and vibrant community that will be replaced with a homogeneous populace. This is the antithesis of intelligent urban planning. It will harm the urban complexity that makes Los Angeles a great city for all sorts of people.
Aris Sevilla	90031	LA's housing and gentrification crises will only be exacerbated by more luxury housing
Ross Caliendo	90026	I am anti gentrification
James Krone	60607	Because it’s disgusting
Eden Lopez	90031	Protect the essence of what Lincoln heights is. The hard working people that make Lincoln Heights. Improve the heights for those of us that live here, not price people out to benefit rich individuals/developers.
Carolina Meza	90031	Because I live in the area and we live in a historical landmark and should be preserved as such
Rogelio Chavez	90031	No te gentrification
Lauren Esqueda	90022	I oppose this because the gentrification of Los Angeles is getting out of hand. Residents that have been here for many years should be able to reside in the communities that they love and are really all they know.
Ben Angelo	90031	It displaces historically marginalized groups who have called Lincoln Heights home for many decades. It was proposed and passed without the approval of the neighborhood. It will spell doom for the culture, businesses and residents of LH. Greedy opportunists are acting in their own interest during a time we as a nation are fighting a pandemic and systemic racism and classism. This is a shameful embarrassment for this city.
Francine Banda	93035	I oppose gentrification and the displacement of my people
Ashleigh Washington	90031	Current and long term residents of Lincoln Heights deserve safe supportive housing, not to be displaced from their neighborhood with no offer of the housing being built to them.
Alyssa Jaquez	91746	Gentrification is not good for the community.
RICHARD CHAVEZ	90031	This project is not good for my community. It’s going to drive out the people who really love this city and bring in people who already destroyed downtown LA
Gautam jain	91364	People have the right to remain in their place of residence without threat of being forcibly removed. This is an overreach of power and a disgusting display of the continuing supremacy of ownership over basic human rights.
Christal Perez	91770	Moving out poc during a pandemic is wrong. Also traffic density problems and terrible urban planning.
Legier Biederman	90031	Illegal evictions! horrendous development
Irwing Ornelas	90012	Why do we need luxury apartments? Just build normal homes.
Annabel Shabestari	90717	Will not serve the existing community of Lincoln heights and may likely actually harm the quality of life for the entire neighborhood.
Isabel Layton	90031	I stand with my neighbors. Out of over 400 luxury apartments only 66 are available to low income residents? What a joke. I'm appalled that this large of a projected was approved without the community's consent. What an eye sore. If this project moves forward it will cause immediate and severe irreversible damage to this community.
Maria Herrera	90031	This housing is not serving our community
Paola Alvarado	90031	We must put an end to gentrification and support our community.
Marleen Munoz	90032	It will increase evictions and likely cause more gentrified to move to our Lincoln Heights and El Sereno communities
Samantha Mendoza	90031	The effects of gentrification on the demographic that resides in Lincoln heights will be catastrophic. People have lived here their whole lives, they do not deserve to be pushed out of the community they built to further capitalistic endeavors.
Maria Herrera	90031	This housing is not serving our community
Gabriella Sanchez	90014	This development would threaten the rent and housing stability for people already living in the neighborhood.
Maria Herrera	90031	This housing is not serving our community
Stephanie Castillo	90031	I oppose this, it goes against this community , the research speaks for itself & during this time it is not what the community needs there are far more better improvements that should be brought to this area
Dorian Pinuellas	90031	School safety, more traffic
Yadira Cruz	90031	GENTRIFICATION IS CLASS WAR. IT IS AN ACT OF COLONIALISM. LINCOLN HEIGHTS BELONGS TO THE PEOPLE. IT BELONGS TO OUR WORKING CLASS COMMUNITY. It will be detrimental to our environment in the hills.
Jazmin Oceguera	90063	Gentrification
Lucius Nicholson	90031	Not beneficial to the neighborhood
Mark Llamas	90031	This project will make my neighborhood more difficult to afford for my low income family and neighbors. Stop This project
Christian Adams	90031	It’s the beginning of the end of my history and culture.
Janice	90031	The community is already suffering and this project brings illegal evictions and displaced residents. This isn't ethical!

Forrest Penny-Brown	90031	It is not in keeping with the spirit/culture/wishes of the community
Eden Lopez	90031	Do not see how it benefit the existing community. Perhaps the new community you want but what about the existing community. Traffic conditions, air quality conditions, wastewater conditions, parking conditions, changes the community..
Dydia DeLyser	90031	I oppose forced gentrification, inappropriate development, and environmental risk for the community
Camille Kolodziejski	90031	Unsafe for Lincoln Heights health— stressful for our community in terms of mass gentrification
Jossef Virgen	90031	Environmental racism! We gotta protect the health of the neighborhood and avoid a huge wave of gentrification
Bella Fabiani	90041	To protect Lincoln Heights and the families that live there
Patrick Martinez	90041	Because this is a form of economic violence and will displace many of the existing residents in Lincoln Heights
Martina Risteska	90028	Because excavating the land will release toxic fumes into the air and the people of Lincoln Heights deserve better than that. Let's help protect this space from big money that has no interest in what's best for the community and only sees dollar signs. We don't need more of that!
Zion		tired of seeing our community destroyed
David Vera	90031	Because it will affect people that I care about
Robin Voves	90031	Keep housing affordable in Lincoln Heights!
Valeria Hernandez	90031	I oppose this project because Lincoln heights has been my home since birth. I seen these streets change over the past year and remember the day gentrification slowly started happening here. First it was Lincoln mini mall being torn down to be built into a doll park tree that didn't even end up staying open because it wasn't a good store to put here! Now we have allot of for lease space in shops in Broadway and all for what? People are losing their business because they can't afford to PAY! Many people I know are being kicked out of their houses and it is not ok! We will NOT LET THIS HAPPEN we have seen to many neighborhood communities that have changed because of gentrification just like highland park.. the history of highland park isn't even there within itself anymore because everything has changed and that isn't going to happen here! How is it that you can have homeless people on the sidewalks and in the community you want to build luxury apartments in, the fact that there's no remorse for people and their family. Another reason as to why I oppose this project is because I live about a block away and always use that street when other sections are blocked off, since it is a street that has a lot of traffic during the morning especially! It would be difficult for me and my siblings to get to school on time because of this and I know because I used to take the bus on that street every morning to school which is what caused my tardy slips. Now imagine having 400 or more residents here.. infront of a elementary in the front of a busy street not so great if you ask the community and the people who live here, who take these busy streets everyday, and who are parents of students at this elementary. I want to ask the city council how is this the the "American dream"? To the city of Lincoln heights it's opposite you're breaking OUR DREAMS we love our community the way it is and we always have we don't want luxury apartments, we don't want little "fancy coffee shops", we don't want THE BRINE we don't want the FLATOP mansion or anything new here in that matters especially if the people from OUR OWN COMMUNITY ARE BEING HURT BY THIS. It's Safe to say one should care for the people of its community and not the money you're getting out of what investments you bring here please reconsider this plan and thank you for taking time to read .
Oscar Ortega	90031	it's gentrification. It does not benefit the neighborhood. Its an attack on the working class
Kurt Webster	90031	If you are building an apartment complex with 1,500 residents and only 286 parking that is a BIG problem! Parking in this area is already troublesome!
ADAn	90032	A 468 unit Luxury development at ave 34/ Pasadena Ave is a threat to our health and well being.
Suki Diaz	90031	
Daisy Frias	90065	Because our neighborhoods are becoming more and more gentrified
Maria Martin	90022	gentrification causes homelessness!
Michelle Suarez	90065	I oppose this project because it will displace an entire community, and cause irreparable harm to human beings. It must be stopped.
D. Sherwood	90039	Environmentally unsafe, potencially environmentally illegal, including environmental impact, environmentally and culturally unsound for community. All environmental impacts must be researched and any impact entirely remediated into the future.
Jennifer Mendoza	91030	As someone who grew up in the community of Lincoln Heights this isn't an affordable project for the members of the community.
Tracie Sánchez	90031	I am afraid of the environmental impacts of the project, including the increased traffic, the potential affects on the river, the air quality, and the toxic waste located underground that may be exposed during construction. Additionally, I have concerns that the construction of this property will invite outsiders to displace low income immigrant Lincoln heights residents. Finally, I am not confident in the approval process the contractors have undergone to this point- I believe there may be some foul play.
Matt Whitmire	90065	It is not a clean lot to develop on and there are FAR too few parking spaces. The underground garage should be double the size before proceeding.
Lisa Marie Hanson	90065	We need a market not another luxury building
Brian B	90031	It's causes gentrification and will raise market value for all the residence
Maria Sanchez	90012	I live in the area. I strongly oppose gentifrication. I do not want the Latino and Asian community to be forced out of the Lincoln Heights neighborhoods. This project is unconsiderate to low income families. Even though it has claimed to provide low cost housing.

Sarah Hill	90031	Not only is it an environmental hazard for the people of Lincoln Heights, but it is an act of gentrification too and will force people out of their homes.
Sofia Ruiz	91502	Gentrified neighborhoods are a threat to small and local businesses!
Jack Foley	90031	It will displace people and ruin lives for the purpose of creating profit and pandering to the interests of the wealthy